Astrodienst Ephemeris Tables

from the year 650 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

JANUARY 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 12 16	4♉16'20	11♉27	22♉14	0♐ 2	25♎ 7	4♐ 8	5°R23	23°R29	29♏40	26♒37	2°R27	1♐ 2	19♋32	n.a.	F 1
S 2	6 16 13	5°17'13	26°41	23°27	1°16	25°45	4°21	5♉22	23♊27	29°42	26°38	2♐23	0°59	19°39	n.a.	S 2
S 3	6 20 10	6°18'05	11♒47	24°33	2°29	26°22	4°34	5°21	23°24	29°44	26°39	2°18	0°56	19°45	n.a.	S 3
M 4	6 24 6	7°18'54	26°35	25°33	3°43	27° 0	4°47	5°20	23°21	29°45	26°40	2°13	0°53	19°52	n.a.	M 4
T 5	6 28 3	8°19'42	10♓59	26°25	4°56	27°38	5° 0	5°19	23°19	29°47	26°41	2° 8	0°50	19°59	n.a.	T 5
W 6	6 31 59	9°20'29	24°57	27° 8	6°10	28°15	5°12	5°18	23°16	29°49	26°42	2° 6	0°46	20° 5	n.a.	W 6
T 7	6 35 56	10°21'13	8♈27	27°42	7°23	28°53	5°25	5°17	23°14	29°51	26°43	2°D 5	0°43	20°12	n.a.	T 7
F 8	6 39 52	11°21'56	21°33	28° 7	8°37	29°30	5°38	5°16	23°11	29°53	26°44	2° 5	0°40	20°19	n.a.	F 8
S 9	6 43 49	12°22'37	4♉16	28°21	9°51	0♏ 8	5°50	5°16	23° 9	29°55	26°45	2° 7	0°37	20°26	n.a.	S 9
S 10	6 47 45	13°23'16	16°42	28°R25	11° 4	0°45	6° 3	5°16	23° 7	29°56	26°46	2° 8	0°34	20°32	n.a.	S 10
M11	6 51 42	14°23'53	28°54	28°18	12°18	1°23	6°15	5°15	23° 4	29°58	26°47	2°R 9	0°31	20°39	n.a.	M11
T 12	6 55 39	15°24'28	10♊57	28° 1	13°31	2° 0	6°27	5°15	23° 2	29°59	26°48	2° 9	0°27	20°46	n.a.	T 12
W13	6 59 35	16°25'02	22°53	27°33	14°45	2°38	6°40	5°D15	23° 0	0♐ 2	26°50	2° 6	0°24	20°52	n.a.	W13
T 14	7 3 32	17°25'33	4♋45	26°56	15°59	3°15	6°52	5°15	22°57	0° 3	26°51	2° 2	0°21	20°59	n.a.	T 14
F 15	7 7 28	18°26'03	16°36	26°11	17°12	3°53	7° 4	5°15	22°55	0° 5	26°52	1°55	0°18	21° 6	n.a.	F 15
S 16	7 11 25	19°26'32	28°27	25°18	18°26	4°30	7°16	5°16	22°53	0° 7	26°53	1°47	0°15	21°12	n.a.	S 16
S 17	7 15 21	20°26'58	10♌19	24°19	19°40	5° 7	7°28	5°16	22°50	0° 8	26°55	1°37	0°12	21°19	n.a.	S 17
M18	7 19 18	21°27'23	22°15	23°16	20°53	5°44	7°40	5°17	22°48	0°10	26°56	1°27	0° 8	21°26	n.a.	M18
T 19	7 23 14	22°27'46	4♍17	22°11	22° 7	6°22	7°52	5°17	22°46	0°11	26°57	1°18	0° 5	21°32	n.a.	T 19
W20	7 27 11	23°28'07	16°25	21° 4	23°21	6°59	8° 3	5°18	22°44	0°13	26°58	1°10	0° 2	21°39	n.a.	W20
T 21	7 31 8	24°28'27	28°44	19°59	24°34	7°36	8°15	5°19	22°42	0°15	27° 0	1° 4	29♏59	21°46	n.a.	T 21
F 22	7 35 4	25°28'45	11♎17	18°55	25°48	8°13	8°27	5°20	22°40	0°16	27° 1	1° 1	29°56	21°53	n.a.	F 22
S 23	7 39 1	26°29'01	24° 7	17°56	27° 2	8°50	8°38	5°21	22°38	0°18	27° 2	1°D 0	29°52	21°59	n.a.	S 23
S 24	7 42 57	27°29'16	7♏18	17° 1	28°16	9°27	8°50	5°22	22°36	0°19	27° 3	1° 0	29°49	22° 6	n.a.	S 24
M25	7 46 54	28°29'30	20°53	16°11	29°29	10° 4	9° 1	5°24	22°34	0°20	27° 5	1° 1	29°46	22°13	n.a.	M25
T 26	7 50 50	29°29'41	4♐55	15°28	0♉43	10°41	9°12	5°25	22°32	0°22	27° 6	1°R 1	29°43	22°19	n.a.	T 26
W27	7 54 47	0♒29'51	19°24	14°52	1°57	11°18	9°23	5°27	22°30	0°23	27° 8	1° 0	29°40	22°26	n.a.	W27
T 28	7 58 43	1°30'00	4♉17	14°22	3°11	11°55	9°34	5°28	22°28	0°24	27° 9	0°56	29°37	22°33	n.a.	T 28
F 29	8 2 40	2°30'06	19°27	14° 0	4°24	12°32	9°45	5°30	22°26	0°26	27°10	0°50	29°33	22°39	n.a.	F 29
S 30	8 6 37	3°30'10	4♒45	13°44	5°38	13° 9	9°56	5°32	22°24	0°27	27°12	0°41	29°30	22°46	n.a.	S 30
S 31	8 10 33	4♒30'13	20♒ 0	13♉36	6♉52	13♏46	10♐ 7	5♉34	22♊22	0♐28	27♒13	0♐31	29♏27	22♋53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s42	20s 0	3n17	22s16	0s22	19s10	1n18	8s47	1n 9	20s57	0n19	11n32	2s 5	23n56	0n19	19s 2	1n22	28s 3	16s20	20s56	20s39	18n31		n.a.
S 2	23 40	16 58	4 14	21 50	0 8	19 28	1 15	9 1	1 9	20 59	0 19	11 32	2 5	23 56	0 19	19 2	1 22	28 2	16 19	20 56	20 38	18 29		n.a.
S 3	23 37	12 49	4 52	21 25	0n 6	19 46	1 13	9 15	1 9	21 2	0 19	11 32	2 5	23 56	0 19	19 2	1 22	28 1	16 19	20 55	20 38	18 28		n.a.
M 4	23 34	7 58	5 10	20 59	0 21	20 3	1 10	9 29	1 8	21 4	0 19	11 31	2 5	23 56	0 19	19 3	1 22	28 1	16 19	20 54	20 37	18 26		n.a.
T 5	23 30	2 48	5 8	20 33	0 37	20 19	1 7	9 43	1 8	21 7	0 19	11 31	2 4	23 56	0 20	19 3	1 22	28 0	16 19	20 53	20 36	18 24		n.a.
W 6	23 26	2n21	4 47	20 9	0 53	20 35	1 4	9 57	1 8	21 9	0 19	11 31	2 4	23 55	0 20	19 4	1 22	28 0	16 18	20 52	20 36	18 23		n.a.
T 7	23 22	7 14	4 11	19 46	1 10	20 50	1 2	10 11	1 7	21 12	0 19	11 31	2 4	23 55	0 20	19 4	1 22	27 59	16 18	20 52	20 35	18 21		n.a.
F 8	23 17	11 39	3 23	19 24	1 28	21 5	0 59	10 25	1 7	21 14	0 19	11 31	2 3	23 55	0 20	19 4	1 22	27 58	16 18	20 52	20 34	18 20		n.a.
S 9	23 11	15 24	2 26	19 4	1 45	21 19	0 56	10 39	1 6	21 16	0 19	11 32	2 3	23 55	0 20	19 5	1 22	27 58	16 18	20 52	20 34	18 18		n.a.
S 10	23 5	18 23	1 23	18 46	2 2	21 32	0 53	10 52	1 6	21 18	0 19	11 32	2 3	23 55	0 20	19 5	1 22	27 57	16 17	20 53	20 33	18 17		n.a.
M11	22 59	20 29	0 18	18 31	2 19	21 45	0 50	11 6	1 5	21 21	0 19	11 32	2 3	23 55	0 20	19 5	1 22	27 56	16 17	20 53	20 32	18 15		n.a.
T 12	22 52	21 37	0s48	18 19	2 35	21 58	0 47	11 19	1 5	21 23	0 19	11 32	2 2	23 55	0 20	19 6	1 22	27 56	16 17	20 53	20 32	18 14		n.a.
W13	22 45	21 45	1 50	18 9	2 51	22 9	0 44	11 33	1 4	21 25	0 19	11 32	2 2	23 55	0 20	19 6	1 22	27 55	16 17	20 52	20 31	18 12		n.a.
T 14	22 37	20 54	2 47	18 2	3 5	22 20	0 41	11 46	1 4	21 27	0 18	11 33	2 2	23 54	0 20	19 6	1 22	27 55	16 16	20 51	20 30	18 10		n.a.
F 15	22 29	19 8	3 37	17 59	3 17	22 31	0 38	11 59	1 3	21 29	0 18	11 33	2 1	23 54	0 20	19 7	1 22	27 54	16 16	20 50	20 30	18 9		n.a.
S 16	22 20	16 34	4 17	17 57	3 28	22 40	0 35	12 13	1 3	21 31	0 18	11 33	2 1	23 54	0 20	19 7	1 22	27 53	16 16	20 48	20 29	18 7		n.a.
S 17	22 11	13 19	4 46	17 59	3 37	22 49	0 32	12 26	1 2	21 34	0 18	11 34	2 1	23 54	0 20	19 7	1 22	27 53	16 16	20 46	20 28	18 6		n.a.
M18	22 2	9 31	5 2	18 3	3 44	22 58	0 30	12 39	1 2	21 36	0 18	11 34	2 0	23 54	0 20	19 8	1 22	27 52	16 16	20 44	20 28	18 4		n.a.
T 19	21 52	5 20	5 6	18 9	3 49	23 6	0 27	12 52	1 1	21 38	0 18	11 35	2 0	23 54	0 20	19 8	1 22	27 51	16 15	20 42	20 27	18 3		n.a.
W20	21 42	0 54	4 56	18 17	3 51	23 13	0 24	13 5	1 1	21 40	0 18	11 35	2 0	23 54	0 20	19 8	1 22	27 51	16 15	20 41	20 26	18 1		n.a.
T 21	21 31	3s38	4 32	18 27	3 51	23 19	0 21	13 17	1 0	21 42	0 18	11 36	2 0	23 54	0 20	19 9	1 22	27 50	16 15	20 40	20 26	17 59		n.a.
F 22	21 20	8 6	3 54	18 38	3 49	23 25	0 18	13 30	1 0	21 43	0 18	11 37	1 59	23 53	0 20	19 9	1 22	27 49	16 15	20 39	20 25	17 58		n.a.
S 23	21 9	12 20	3 5	18 50	3 45	23 29	0 15	13 43	0 59	21 45	0 18	11 37	1 59	23 53	0 20	19 9	1 22	27 49	16 15	20 39	20 24	17 56		n.a.
S 24	20 57	16 5	2 4	19 3	3 39	23 34	0 12	13 55	0 58	21 47	0 18	11 38	1 59	23 53	0 20	19 9	1 22	27 48	16 14	20 39	20 24	17 55		n.a.
M25	20 45	19 6	0 54	19 16	3 32	23 37	0 9	14 8	0 58	21 49	0 18	11 39	1 58	23 53	0 20	19 10	1 22	27 47	16 14	20 39	20 23	17 53		n.a.
T 26	20 32	21 4	0n21	19 30	3 23	23 40	0 6	14 20	0 57	21 51	0 18	11 39	1 58	23 53	0 20	19 10	1 22	27 47	16 14	20 39	20 22	17 51		n.a.
W27	20 19	21 44	1 37	19 44	3 13	23 42	0 3	14 32	0 57	21 53	0 17	11 40	1 58	23 53	0 20	19 10	1 23	27 46	16 14	20 39	20 22	17 50		n.a.
T 28	20 6	20 54	2 48	19 58	3 2	23 44	0 0	14 44	0 56	21 54	0 17	11 41	1 58	23 53	0 20	19 10	1 23	27 46	16 14	20 38	20 21	17 48		n.a.
F 29	19 52	18 34	3 49	20 12	2 50	23 44	0s 2	14 56	0 55	21 56	0 17	11 42	1 57	23 53	0 20	19 11	1 23	27 45	16 14	20 36	20 20	17 47		n.a.
S 30	19 38	14 55	4 33	20 26	2 38	23 44	0 5	15 8	0 54	21 58	0 17	11 43	1 57	23 53	0 20	19 11	1 23	27 44	16 14	20 35	20 19	17 45		n.a.
S 31	19s24	10s18	4n58	20s40	2n25	23s44	0s 8	15s20	0n54	22s 0	0n17	11n44	1s57	23n52	0n20	19s11	1n23	27s44	16s13	20s33	20s19	17n43		n.a.

Julian Day Number = 1484010.5, Delta T = 05h20m18s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°03'02, Lahiri = -12°56'02 Julian Calendar 1 Jan. 650 BCE == Greg. Calendar 25 Dec. 651 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

FEBRUARY 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 14 30	5♒30'13	5♓ 1	13°D33	8♉ 6	14♏22	10♐18	5♉36	22°R21	0♐30	27♒14	0°R21	29♏24	23♋ 0	n.a.	M 1
T 2	8 18 26	6°30'11	19°39	13♉38	9°19	14°59	10°28	5°38	22♊19	0°31	27°16	0♐13	29°21	23° 6	n.a.	T 2
W 3	8 22 23	7°30'07	3♈49	13°48	10°33	15°35	10°39	5°41	22°17	0°32	27°17	0° 6	29°18	23°13	n.a.	W 3
T 4	8 26 19	8°30'00	17°29	14° 3	11°47	16°12	10°49	5°43	22°16	0°33	27°19	0° 2	29°14	23°20	n.a.	T 4
F 5	8 30 16	9°29'51	0♉39	14°25	13° 1	16°48	10°59	5°46	22°14	0°34	27°20	29♏59	29°11	23°26	n.a.	F 5
S 6	8 34 12	10°29'39	13°24	14°51	14°14	17°25	11°10	5°48	22°13	0°35	27°22	29°D59	29° 8	23°33	n.a.	S 6
S 7	8 38 9	11°29'26	25°48	15°22	15°28	18° 1	11°20	5°51	22°11	0°36	27°23	29°R59	29° 5	23°40	n.a.	S 7
M 8	8 42 5	12°29'09	7♊57	15°57	16°42	18°38	11°30	5°54	22°10	0°37	27°24	29°59	29° 2	23°46	n.a.	M 8
T 9	8 46 2	13°28'51	19°54	16°36	17°55	19°14	11°39	5°57	22° 9	0°38	27°26	29°58	28°58	23°53	n.a.	T 9
W10	8 49 59	14°28'30	1♋45	17°19	19° 9	19°50	11°49	6° 0	22° 7	0°39	27°27	29°54	28°55	24° 0	n.a.	W10
T 11	8 53 55	15°28'07	13°34	18° 6	20°23	20°26	11°59	6° 3	22° 6	0°40	27°29	29°47	28°52	24° 6	n.a.	T 11
F 12	8 57 52	16°27'42	25°24	18°57	21°37	21° 2	12° 8	6° 6	22° 5	0°41	27°30	29°37	28°49	24°13	n.a.	F 12
S 13	9 1 48	17°27'14	7♌17	19°50	22°50	21°38	12°18	6°10	22° 4	0°42	27°32	29°25	28°46	24°20	n.a.	S 13
S 14	9 5 45	18°26'44	19°15	20°47	24° 4	22°14	12°27	6°13	22° 2	0°43	27°33	29°11	28°43	24°27	n.a.	S 14
M15	9 9 41	19°26'12	1♍19	21°46	25°18	22°50	12°36	6°17	22° 1	0°43	27°35	28°57	28°39	24°33	n.a.	M15
T 16	9 13 38	20°25'37	13°29	22°48	26°32	23°26	12°45	6°20	22° 0	0°44	27°36	28°43	28°36	24°40	n.a.	T 16
W17	9 17 34	21°25'01	25°48	23°52	27°45	24° 2	12°54	6°24	21°59	0°45	27°38	28°32	28°33	24°47	n.a.	W17
T 18	9 21 31	22°24'23	8♎17	24°59	28°59	24°37	13° 3	6°28	21°58	0°46	27°39	28°23	28°30	24°53	n.a.	T 18
F 19	9 25 27	23°23'42	20°56	26° 8	0♒13	25°13	13°12	6°32	21°58	0°46	27°41	28°17	28°27	25° 0	n.a.	F 19
S 20	9 29 24	24°23'00	3♏50	27°19	1°26	25°49	13°20	6°36	21°57	0°47	27°42	28°14	28°23	25° 7	n.a.	S 20
S 21	9 33 21	25°22'16	17° 0	28°33	2°40	26°24	13°28	6°40	21°56	0°48	27°44	28°13	28°20	25°13	n.a.	S 21
M22	9 37 17	26°21'30	0♐29	29°48	3°54	26°59	13°37	6°44	21°55	0°48	27°45	28°13	28°17	25°20	n.a.	M22
T 23	9 41 14	27°20'42	14°20	1♒ 5	5° 8	27°35	13°45	6°48	21°55	0°49	27°47	28°12	28°14	25°27	n.a.	T 23
W24	9 45 10	28°19'52	28°34	2°24	6°21	28°10	13°53	6°53	21°54	0°49	27°48	28°10	28°11	25°34	n.a.	W24
T 25	9 49 7	29°19'01	13♉ 9	3°45	7°35	28°45	14° 1	6°57	21°53	0°50	27°50	28° 6	28° 8	25°40	n.a.	T 25
F 26	9 53 3	0♓18'07	28° 2	5° 8	8°49	29°20	14° 9	7° 2	21°53	0°50	27°51	27°59	28° 4	25°47	n.a.	F 26
S 27	9 57 0	1°17'12	13♒ 6	6°32	10° 2	29°55	14°16	7° 7	21°52	0°50	27°53	27°49	28° 1	25°54	n.a.	S 27
S 28	10 0 56	2♓16'14	28♒11	7♒58	11♒16	0♐30	14♐24	7♉11	21♊52	0♐51	27♒54	27♏38	27♏58	26♋ 0	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s 9	5s 7	5n 2	20s53	2n12	23s42	0s11	15s32	0n53	22s 1	0n17	11n45	1s56	23n52	0n20	19s11	1n23	27s43	16s13	20s30	20s18	17n42		n.a.
T 2	18 54	0n14	4 46	21 5	1 59	23 40	0 14	15 43	0 52	22 3	0 17	11 46	1 56	23 52	0 20	19 12	1 23	27 42	16 13	20 29	20 17	17 40		n.a.
W 3	18 39	5 24	4 13	21 17	1 46	23 37	0 16	15 55	0 52	22 4	0 17	11 47	1 56	23 52	0 20	19 12	1 23	27 42	16 13	20 27	20 17	17 38		n.a.
T 4	18 23	10 7	3 26	21 29	1 33	23 33	0 19	16 6	0 51	22 6	0 17	11 48	1 56	23 52	0 20	19 12	1 23	27 41	16 13	20 26	20 16	17 37		n.a.
F 5	18 7	14 11	2 29	21 39	1 20	23 29	0 22	16 17	0 50	22 8	0 17	11 49	1 55	23 52	0 20	19 12	1 23	27 40	16 13	20 26	20 15	17 35		n.a.
S 6	17 51	17 28	1 27	21 49	1 7	23 24	0 24	16 29	0 49	22 9	0 17	11 50	1 55	23 52	0 20	19 12	1 23	27 40	16 13	20 26	20 15	17 34		n.a.
S 7	17 34	19 50	0 22	21 58	0 55	23 18	0 27	16 40	0 48	22 11	0 17	11 51	1 55	23 52	0 20	19 13	1 23	27 39	16 13	20 26	20 14	17 32		n.a.
M 8	17 18	21 15	0s42	22 6	0 42	23 12	0 29	16 51	0 48	22 12	0 17	11 53	1 54	23 52	0 20	19 13	1 23	27 39	16 13	20 26	20 13	17 30		n.a.
T 9	17 0	21 40	1 44	22 13	0 30	23 5	0 32	17 2	0 47	22 13	0 17	11 54	1 54	23 52	0 19	19 13	1 23	27 38	16 13	20 25	20 12	17 29		n.a.
W10	16 43	21 6	2 40	22 19	0 19	22 57	0 34	17 12	0 46	22 15	0 16	11 55	1 54	23 52	0 19	19 13	1 23	27 37	16 12	20 25	20 12	17 27		n.a.
T 11	16 25	19 36	3 29	22 24	0 7	22 48	0 37	17 23	0 45	22 16	0 16	11 56	1 54	23 51	0 19	19 13	1 23	27 37	16 12	20 23	20 11	17 25		n.a.
F 12	16 7	17 16	4 9	22 28	0s 3	22 39	0 39	17 33	0 44	22 18	0 16	11 58	1 53	23 51	0 19	19 13	1 23	27 36	16 12	20 21	20 10	17 24		n.a.
S 13	15 49	14 13	4 38	22 31	0 14	22 29	0 41	17 44	0 43	22 19	0 16	11 59	1 53	23 51	0 19	19 14	1 23	27 36	16 12	20 18	20 10	17 22		n.a.
S 14	15 31	10 35	4 56	22 32	0 24	22 19	0 44	17 54	0 42	22 20	0 16	12 0	1 53	23 51	0 19	19 14	1 23	27 35	16 12	20 15	20 9	17 20		n.a.
M15	15 12	6 30	5 0	22 33	0 34	22 8	0 46	18 4	0 41	22 21	0 16	12 2	1 52	23 51	0 19	19 14	1 23	27 34	16 12	20 12	20 8	17 19		n.a.
T 16	14 53	2 7	4 50	22 32	0 43	21 56	0 48	18 14	0 40	22 23	0 16	12 3	1 52	23 51	0 19	19 14	1 23	27 34	16 12	20 9	20 8	17 17		n.a.
W17	14 34	2s23	4 27	22 29	0 52	21 43	0 50	18 24	0 39	22 24	0 16	12 5	1 52	23 51	0 19	19 14	1 23	27 33	16 12	20 7	20 7	17 15		n.a.
T 18	14 14	6 51	3 51	22 26	1 1	21 30	0 52	18 34	0 38	22 25	0 16	12 6	1 52	23 51	0 19	19 14	1 23	27 33	16 12	20 5	20 6	17 14		n.a.
F 19	13 54	11 6	3 3	22 21	1 9	21 16	0 54	18 44	0 37	22 26	0 16	12 8	1 51	23 51	0 19	19 14	1 23	27 32	16 12	20 3	20 5	17 12		n.a.
S 20	13 35	14 56	2 5	22 14	1 17	21 2	0 56	18 53	0 36	22 27	0 16	12 9	1 51	23 51	0 19	19 14	1 23	27 32	16 12	20 3	20 5	17 10		n.a.
S 21	13 15	18 5	0 59	22 7	1 24	20 47	0 58	19 3	0 35	22 29	0 16	12 11	1 51	23 51	0 19	19 14	1 23	27 31	16 12	20 2	20 4	17 9		n.a.
M22	12 54	20 20	0n12	21 57	1 31	20 31	1 0	19 12	0 34	22 30	0 16	12 13	1 51	23 51	0 19	19 15	1 23	27 30	16 12	20 2	20 3	17 7		n.a.
T 23	12 34	21 27	1 24	21 46	1 37	20 15	1 2	19 21	0 33	22 31	0 15	12 14	1 50	23 51	0 19	19 15	1 23	27 30	16 12	20 2	20 3	17 5		n.a.
W24	12 13	21 13	2 33	21 34	1 43	19 58	1 4	19 30	0 32	22 32	0 15	12 16	1 50	23 51	0 19	19 15	1 23	27 29	16 12	20 2	20 2	17 4		n.a.
T 25	11 52	19 34	3 33	21 21	1 49	19 41	1 6	19 39	0 31	22 33	0 15	12 18	1 50	23 51	0 19	19 15	1 24	27 29	16 12	20 1	20 1	17 2		n.a.
F 26	11 31	16 35	4 21	21 5	1 54	19 23	1 7	19 48	0 30	22 34	0 15	12 20	1 50	23 51	0 19	19 15	1 24	27 28	16 12	19 59	20 0	17 0		n.a.
S 27	11 10	12 29	4 51	20 48	1 59	19 5	1 9	19 57	0 29	22 35	0 15	12 21	1 49	23 51	0 19	19 15	1 24	27 28	16 12	19 57	20 0	16 59		n.a.
S 28	10s49	7s35	5n 0	20s30	2s 3	18s46	1s11	20s 6	0n27	22s36	0n15	12n23	1s49	23n50	0n19	19s15	1n24	27s27	16s12	19s54	19s59	16n57		n.a.

Julian Day Number = 1484041.5, Delta T = 05h20m16s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'58, Lahiri = -12°55'57 Julian Calendar 1 Feb. 650 BCE == Greg. Calendar 25 Jan. 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

MARCH 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 4 53	3♓15'14	13♓ 7	9♒26	12♒30	1♐ 5	14♐31	7♉16	21°R52	0♐51	27♒56	27°R26	27♏55	26♋ 7	n.a.	M 1
T 2	10 8 50	4°14'12	27°46	10°55	13°44	1°39	14°38	7°21	21♊51	0°51	27°57	27♏16	27°52	26°14	n.a.	T 2
W 3	10 12 46	5°13'08	11♈59	12°26	14°57	2°14	14°45	7°26	21°51	0°52	27°59	27° 8	27°49	26°21	n.a.	W 3
T 4	10 16 43	6°12'01	25°44	13°59	16°11	2°49	14°52	7°31	21°51	0°52	28° 0	27° 2	27°45	26°27	n.a.	T 4
F 5	10 20 39	7°10'52	9♉ 0	15°33	17°25	3°23	14°59	7°36	21°51	0°52	28° 2	26°59	27°42	26°34	n.a.	F 5
S 6	10 24 36	8° 9'41	21°50	17° 8	18°38	3°57	15° 5	7°41	21°51	0°52	28° 3	26°D58	27°39	26°41	n.a.	S 6
S 7	10 28 32	9° 8'27	4♊18	18°45	19°52	4°31	15°12	7°47	21°D51	0°52	28° 4	26°R58	27°36	26°47	n.a.	S 7
M 8	10 32 29	10° 7'11	16°28	20°24	21° 6	5° 5	15°18	7°52	21°51	0°52	28° 6	26°58	27°33	26°54	n.a.	M 8
T 9	10 36 25	11° 5'53	28°26	22° 4	22°19	5°39	15°24	7°57	21°51	0°53	28° 7	26°56	27°29	27° 1	n.a.	T 9
W10	10 40 22	12° 4'32	10♋18	23°45	23°33	6°13	15°30	8° 3	21°51	0°53	28° 9	26°53	27°26	27° 7	n.a.	W10
T 11	10 44 18	13° 3'09	22° 7	25°29	24°47	6°47	15°36	8° 9	21°51	0°R53	28°10	26°47	27°23	27°14	n.a.	T 11
F 12	10 48 15	14° 1'44	3♌59	27°13	26° 0	7°20	15°42	8°14	21°51	0°53	28°12	26°39	27°20	27°21	n.a.	F 12
S 13	10 52 12	15° 0'16	15°55	29° 0	27°14	7°54	15°47	8°20	21°52	0°53	28°13	26°28	27°17	27°28	n.a.	S 13
S 14	10 56 8	15°58'47	28° 0	0♓48	28°28	8°27	15°52	8°26	21°52	0°52	28°15	26°16	27°14	27°34	n.a.	S 14
M15	11 0 5	16°57'15	10♍13	2°37	29°41	9° 0	15°57	8°32	21°52	0°52	28°16	26° 3	27°10	27°41	n.a.	M15
T 16	11 4 1	17°55'41	22°37	4°28	0♓55	9°33	16° 2	8°37	21°53	0°52	28°18	25°51	27° 7	27°48	n.a.	T 16
W17	11 7 58	18°54'05	5♎11	6°21	2° 8	10° 6	16° 7	8°43	21°53	0°52	28°19	25°41	27° 4	27°54	n.a.	W17
T 18	11 11 54	19°52'27	17°56	8°15	3°22	10°39	16°12	8°50	21°54	0°52	28°20	25°33	27° 1	28° 1	n.a.	T 18
F 19	11 15 51	20°50'47	0♏52	10°11	4°36	11°11	16°16	8°56	21°54	0°51	28°22	25°28	26°58	28° 8	n.a.	F 19
S 20	11 19 47	21°49'06	13°59	12° 9	5°49	11°44	16°21	9° 2	21°55	0°51	28°23	25°25	26°55	28°14	n.a.	S 20
S 21	11 23 44	22°47'23	27°19	14° 8	7° 3	12°16	16°25	9° 8	21°56	0°51	28°25	25°D25	26°51	28°21	n.a.	S 21
M22	11 27 41	23°45'38	10♐54	16° 8	8°17	12°48	16°29	9°14	21°56	0°50	28°26	25°25	26°48	28°28	n.a.	M22
T 23	11 31 37	24°43'52	24°43	18°10	9°30	13°20	16°33	9°21	21°57	0°50	28°27	25°R26	26°45	28°35	n.a.	T 23
W24	11 35 34	25°42'04	8♑48	20°13	10°44	13°52	16°36	9°27	21°58	0°50	28°29	25°25	26°42	28°41	n.a.	W24
T 25	11 39 30	26°40'14	23° 8	22°18	11°57	14°24	16°40	9°34	21°59	0°49	28°30	25°22	26°39	28°48	n.a.	T 25
F 26	11 43 27	27°38'23	7♒40	24°24	13°11	14°55	16°43	9°40	22° 0	0°49	28°31	25°17	26°35	28°55	n.a.	F 26
S 27	11 47 23	28°36'31	22°20	26°31	14°25	15°27	16°46	9°47	22° 1	0°48	28°33	25°10	26°32	29° 1	n.a.	S 27
S 28	11 51 20	29°34'37	7♓ 2	28°39	15°38	15°58	16°49	9°53	22° 2	0°48	28°34	25° 2	26°29	29° 8	n.a.	S 28
M29	11 55 16	0♈32'41	21°37	0♈48	16°52	16°29	16°52	10° 0	22° 3	0°47	28°35	24°53	26°26	29°15	n.a.	M29
T 30	11 59 13	1°30'43	5♈59	2°57	18° 6	16°59	16°54	10° 7	22° 4	0°47	28°37	24°45	26°23	29°22	n.a.	T 30
W31	12 3 9	2♈28'43	20♈ 2	5♈ 6	19♓19	17♐30	16♐57	10♉14	22♊ 6	0♐46	28♒38	24♏39	26♏20	29♋28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	10s27	2s17	4n49	20s10	2s 6	18s26	1s12	20s14	0n26	22s37	0n15	12n25	1s49	23n50	0n19	19s15	1n24	27s27	16s12	19s52	19s58	16n55			n.a.
T 2	10 5	3n 3	4 19	19 48	2 10	18 6	1 13	20 22	0 25	22 38	0 15	12 27	1 49	23 50	0 19	19 15	1 24	27 26	16 12	19 49	19 57	16 54			n.a.
W 3	9 44	8 4	3 34	19 25	2 12	17 46	1 15	20 31	0 24	22 38	0 15	12 29	1 48	23 50	0 19	19 15	1 24	27 26	16 12	19 47	19 57	16 52			n.a.
T 4	9 22	12 31	2 37	19 1	2 15	17 25	1 16	20 39	0 22	22 39	0 15	12 30	1 48	23 50	0 19	19 15	1 24	27 25	16 12	19 46	19 56	16 50			n.a.
F 5	9 0	16 10	1 34	18 34	2 17	17 3	1 17	20 47	0 21	22 40	0 15	12 32	1 48	23 50	0 19	19 15	1 24	27 25	16 12	19 45	19 55	16 48			n.a.
S 6	8 37	18 55	0 27	18 6	2 18	16 41	1 19	20 55	0 20	22 41	0 15	12 34	1 48	23 50	0 19	19 15	1 24	27 24	16 12	19 45	19 55	16 47			n.a.
S 7	8 15	20 40	0s39	17 36	2 19	16 19	1 20	21 2	0 18	22 42	0 15	12 36	1 47	23 50	0 19	19 15	1 24	27 24	16 12	19 45	19 54	16 45			n.a.
M 8	7 53	21 23	1 41	17 5	2 19	15 56	1 21	21 10	0 17	22 43	0 14	12 38	1 47	23 50	0 19	19 15	1 24	27 23	16 13	19 45	19 53	16 43			n.a.
T 9	7 30	21 7	2 39	16 32	2 19	15 33	1 22	21 18	0 15	22 43	0 14	12 40	1 47	23 50	0 19	19 15	1 24	27 23	16 13	19 45	19 52	16 42			n.a.
W10	7 8	19 54	3 28	15 57	2 18	15 9	1 23	21 25	0 14	22 44	0 14	12 42	1 47	23 50	0 19	19 15	1 24	27 22	16 13	19 44	19 52	16 40			n.a.
T 11	6 45	17 50	4 9	15 21	2 17	14 45	1 24	21 32	0 12	22 45	0 14	12 44	1 47	23 50	0 19	19 15	1 24	27 22	16 13	19 43	19 51	16 38			n.a.
F 12	6 22	15 1	4 39	14 43	2 15	14 21	1 24	21 39	0 11	22 46	0 14	12 46	1 46	23 50	0 19	19 15	1 24	27 21	16 13	19 41	19 50	16 36			n.a.
S 13	5 59	11 34	4 56	14 3	2 13	13 56	1 25	21 46	0 9	22 46	0 14	12 48	1 46	23 50	0 19	19 15	1 24	27 21	16 13	19 38	19 49	16 35			n.a.
S 14	5 36	7 38	5 1	13 22	2 10	13 31	1 26	21 53	0 8	22 47	0 14	12 50	1 46	23 50	0 19	19 15	1 24	27 21	16 13	19 35	19 49	16 33			n.a.
M15	5 13	3 20	4 52	12 39	2 7	13 5	1 26	22 0	0 6	22 47	0 14	12 52	1 46	23 50	0 19	19 15	1 24	27 20	16 13	19 32	19 48	16 31			n.a.
T 16	4 50	1s 9	4 30	11 55	2 3	12 39	1 27	22 7	0 5	22 48	0 14	12 55	1 46	23 50	0 19	19 15	1 24	27 20	16 13	19 29	19 47	16 30			n.a.
W17	4 27	5 39	3 54	11 8	1 59	12 13	1 27	22 13	0 3	22 49	0 14	12 57	1 45	23 50	0 19	19 15	1 24	27 19	16 13	19 27	19 47	16 28			n.a.
T 18	4 4	9 59	3 5	10 21	1 54	11 46	1 28	22 20	0 1	22 49	0 14	12 59	1 45	23 50	0 19	19 14	1 24	27 19	16 14	19 25	19 46	16 26			n.a.
F 19	3 41	13 55	2 7	9 31	1 48	11 19	1 28	22 26	0s 0	22 50	0 13	13 1	1 45	23 50	0 19	19 14	1 24	27 19	16 14	19 24	19 45	16 24			n.a.
S 20	3 17	17 13	1 1	8 40	1 42	10 52	1 28	22 32	0 2	22 50	0 13	13 3	1 45	23 50	0 19	19 14	1 24	27 18	16 14	19 23	19 44	16 23			n.a.
S 21	2 54	19 40	0n10	7 48	1 36	10 25	1 29	22 39	0 4	22 51	0 13	13 5	1 45	23 51	0 19	19 14	1 24	27 18	16 14	19 23	19 44	16 21			n.a.
M22	2 31	21 2	1 22	6 54	1 29	9 57	1 29	22 45	0 6	22 51	0 13	13 8	1 44	23 51	0 19	19 14	1 24	27 17	16 14	19 23	19 43	16 19			n.a.
T 23	2 7	21 10	2 30	5 59	1 21	9 29	1 29	22 50	0 7	22 52	0 13	13 10	1 44	23 51	0 19	19 14	1 25	27 17	16 14	19 23	19 42	16 17			n.a.
W24	1 44	19 59	3 30	5 3	1 13	9 1	1 29	22 56	0 9	22 52	0 13	13 12	1 44	23 51	0 19	19 14	1 25	27 17	16 15	19 23	19 41	16 16			n.a.
T 25	1 20	17 31	4 18	4 5	1 5	8 32	1 29	23 2	0 11	22 53	0 13	13 14	1 44	23 51	0 19	19 14	1 25	27 16	16 15	19 22	19 41	16 14			n.a.
F 26	0 57	13 55	4 51	3 6	0 56	8 3	1 29	23 7	0 13	22 53	0 13	13 17	1 44	23 51	0 19	19 14	1 25	27 16	16 15	19 21	19 40	16 12			n.a.
S 27	0 34	9 28	5 5	2 7	0 46	7 34	1 28	23 13	0 15	22 54	0 13	13 19	1 43	23 51	0 19	19 13	1 25	27 16	16 15	19 19	19 39	16 10			n.a.
S 28	0 10	4 26	4 58	1 6	0 37	7 5	1 28	23 18	0 17	22 54	0 13	13 21	1 43	23 51	0 19	19 13	1 25	27 15	16 15	19 17	19 38	16 9			n.a.
M29	0n13	0n48	4 33	0 5	0 27	6 36	1 28	23 24	0 19	22 54	0 13	13 23	1 43	23 51	0 19	19 13	1 25	27 15	16 15	19 15	19 38	16 7			n.a.
T 30	0 37	5 56	3 50	0n56	0 16	6 7	1 27	23 29	0 21	22 55	0 12	13 26	1 43	23 51	0 19	19 13	1 25	27 15	16 16	19 13	19 37	16 5			n.a.
W31	1n 0	10n37	2n54	1n58	0s 6	5s37	1s27	23s34	0s23	22s55	0n12	13n28	1s43	23n51	0n19	19s13	1n25	27s14	16s16	19s12	19s36	16n 3			n.a.

Julian Day Number = 1484069.5, Delta T = 05h20m15s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'54, Lahiri = -12°55'54 Julian Calendar 1 March 650 BCE == Greg. Calendar 22 Feb. 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

APRIL 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 7 6	3♈26'42	3♉42	7♈16	20♓33	18♐ 0	16♐59	10♉20	22♊ 7	0°R45	28♒39	24°R35	26♏16	29♋35	n.a.	T 1
F 2	12 11 3	4°24'39	16°57	9°25	21°46	18°30	17° 1	10°27	22° 8	0♐45	28°40	24♏33	26°13	29°42	n.a.	F 2
S 3	12 14 59	5°22'34	29°48	11°34	23° 0	19° 0	17° 3	10°34	22°10	0°44	28°42	24°D33	26°10	29°48	n.a.	S 3
S 4	12 18 56	6°20'27	12♊18	13°42	24°14	19°30	17° 4	10°41	22°11	0°43	28°43	24°34	26° 7	29°55	n.a.	S 4
M 5	12 22 52	7°18'18	24°32	15°49	25°27	19°59	17° 6	10°48	22°13	0°42	28°44	24°35	26° 4	0♌ 2	n.a.	M 5
T 6	12 26 49	8°16'08	6♋33	17°55	26°41	20°28	17° 7	10°55	22°14	0°42	28°45	24°R36	26° 0	0° 9	n.a.	T 6
W 7	12 30 45	9°13'55	18°26	19°59	27°54	20°57	17° 8	11° 2	22°16	0°41	28°47	24°35	25°57	0°15	n.a.	W 7
T 8	12 34 42	10°11'41	0♌18	22° 1	29° 8	21°26	17° 9	11°10	22°17	0°40	28°48	24°33	25°54	0°22	n.a.	T 8
F 9	12 38 38	11° 9'25	12°12	24° 1	0♈21	21°54	17°10	11°17	22°19	0°39	28°49	24°29	25°51	0°29	n.a.	F 9
S 10	12 42 35	12° 7'07	24°12	25°58	1°35	22°23	17°10	11°24	22°21	0°38	28°50	24°23	25°48	0°35	n.a.	S 10
S 11	12 46 32	13° 4'47	6♍22	27°53	2°49	22°50	17°10	11°31	22°22	0°37	28°51	24°17	25°45	0°42	n.a.	S 11
M12	12 50 28	14° 2'26	18°45	29°46	4° 2	23°18	17°R11	11°39	22°24	0°36	28°52	24°10	25°41	0°49	n.a.	M12
T 13	12 54 25	15° 0'03	1♎21	1♉35	5°16	23°45	17°11	11°46	22°26	0°35	28°53	24° 3	25°38	0°55	n.a.	T 13
W14	12 58 21	15°57'39	14°12	3°22	6°29	24°13	17°10	11°53	22°28	0°34	28°54	23°57	25°35	1° 2	n.a.	W14
T 15	13 2 18	16°55'13	27°16	5° 5	7°43	24°39	17°10	12° 1	22°30	0°33	28°56	23°53	25°32	1° 9	n.a.	T 15
F 16	13 6 14	17°52'47	10♏34	6°46	8°56	25° 6	17° 9	12° 8	22°32	0°32	28°57	23°50	25°29	1°16	n.a.	F 16
S 17	13 10 11	18°50'18	24° 4	8°23	10°10	25°32	17° 8	12°16	22°34	0°31	28°58	23°D50	25°26	1°22	n.a.	S 17
S 18	13 14 7	19°47'49	7♐45	9°57	11°24	25°58	17° 7	12°23	22°36	0°30	28°59	23°50	25°22	1°29	n.a.	S 18
M19	13 18 4	20°45'19	21°35	11°28	12°37	26°24	17° 6	12°31	22°38	0°29	29° 0	23°52	25°19	1°36	n.a.	M19
T 20	13 22 1	21°42'48	5♑35	12°55	13°51	26°49	17° 5	12°38	22°40	0°28	29° 1	23°53	25°16	1°42	n.a.	T 20
W21	13 25 57	22°40'16	19°42	14°19	15° 4	27°14	17° 3	12°46	22°43	0°26	29° 2	23°R54	25°13	1°49	n.a.	W21
T 22	13 29 54	23°37'43	3♒55	15°40	16°18	27°38	17° 1	12°53	22°45	0°25	29° 3	23°53	25°10	1°56	n.a.	T 22
F 23	13 33 50	24°35'09	18°13	16°57	17°31	28° 2	17° 0	13° 1	22°47	0°24	29° 4	23°52	25° 6	2° 3	n.a.	F 23
S 24	13 37 47	25°32'34	2♓31	18°11	18°45	28°26	16°57	13° 9	22°49	0°23	29° 5	23°49	25° 3	2° 9	n.a.	S 24
S 25	13 41 43	26°29'58	16°46	19°21	19°59	28°50	16°55	13°16	22°52	0°22	29° 5	23°45	25° 0	2°16	n.a.	S 25
M26	13 45 40	27°27'22	0♈53	20°27	21°12	29°13	16°53	13°24	22°54	0°20	29° 6	23°41	24°57	2°23	n.a.	M26
T 27	13 49 36	28°24'44	14°50	21°30	22°26	29°35	16°50	13°32	22°57	0°19	29° 7	23°38	24°54	2°29	n.a.	T 27
W28	13 53 33	29°22'06	28°31	22°29	23°39	29°57	16°47	13°39	22°59	0°18	29° 8	23°35	24°51	2°36	n.a.	W28
T 29	13 57 30	0♉19'27	11♉54	23°25	24°53	0♑19	16°44	13°47	23° 2	0°16	29° 9	23°34	24°47	2°43	n.a.	T 29
F 30	14 1 26	1♉16'46	24♉58	24♉16	26♈ 7	0♑40	16♐41	13♉55	23♊ 4	0♐15	29♒10	23°D33	24♏44	2♌50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n23	14n38	1n50	3n 0	0n 5	5s 7	1s26	23s39	0s25	22s55	0n12	13n30	1s42	23n51	0n19	19s13	1n25	27s14	16s16	19s11	19s35	16n 1		n.a.
F 2	1 47	17 47	0 41	4 1	0 16	4 37	1 26	23 44	0 28	22 56	0 12	13 33	1 42	23 51	0 19	19 12	1 25	27 14	16 16	19 10	19 35	16 0		n.a.
S 3	2 10	19 56	0s28	5 2	0 26	4 7	1 25	23 48	0 30	22 56	0 12	13 35	1 42	23 51	0 19	19 12	1 25	27 14	16 16	19 10	19 34	15 58		n.a.
S 4	2 33	21 1	1 34	6 3	0 37	3 37	1 25	23 53	0 32	22 56	0 12	13 37	1 42	23 51	0 19	19 12	1 25	27 13	16 17	19 10	19 33	15 56		n.a.
M 5	2 56	21 5	2 35	7 2	0 47	3 7	1 24	23 58	0 34	22 56	0 12	13 40	1 42	23 51	0 19	19 12	1 25	27 13	16 17	19 11	19 32	15 54		n.a.
T 6	3 19	20 10	3 27	8 1	0 58	2 36	1 23	24 2	0 37	22 57	0 12	13 42	1 42	23 52	0 19	19 12	1 25	27 13	16 17	19 11	19 32	15 53		n.a.
W 7	3 42	18 21	4 10	8 58	1 8	2 6	1 22	24 7	0 39	22 57	0 12	13 45	1 41	23 52	0 19	19 11	1 25	27 13	16 17	19 11	19 31	15 51		n.a.
T 8	4 5	15 47	4 42	9 53	1 18	1 35	1 21	24 11	0 42	22 57	0 12	13 47	1 41	23 52	0 19	19 11	1 25	27 12	16 18	19 10	19 30	15 49		n.a.
F 9	4 28	12 33	5 2	10 47	1 27	1 5	1 20	24 15	0 44	22 57	0 11	13 49	1 41	23 52	0 19	19 11	1 25	27 12	16 18	19 9	19 29	15 47		n.a.
S 10	4 51	8 47	5 9	11 39	1 36	0 34	1 19	24 19	0 46	22 57	0 11	13 52	1 41	23 52	0 19	19 11	1 25	27 12	16 18	19 8	19 28	15 45		n.a.
S 11	5 14	4 37	5 2	12 29	1 44	0 3	1 18	24 23	0 49	22 57	0 11	13 54	1 41	23 52	0 19	19 11	1 25	27 12	16 18	19 6	19 28	15 44		n.a.
M12	5 37	0 12	4 41	13 16	1 51	0n27	1 17	24 28	0 52	22 58	0 11	13 56	1 41	23 52	0 19	19 10	1 25	27 12	16 19	19 4	19 27	15 42		n.a.
T 13	5 59	4s18	4 6	14 2	1 58	0 58	1 16	24 32	0 54	22 58	0 11	13 59	1 41	23 52	0 19	19 10	1 25	27 12	16 19	19 3	19 26	15 40		n.a.
W14	6 22	8 43	3 19	14 45	2 5	1 29	1 14	24 35	0 57	22 58	0 11	14 1	1 40	23 52	0 19	19 10	1 25	27 11	16 19	19 1	19 25	15 38		n.a.
T 15	6 44	12 48	2 19	15 26	2 10	1 59	1 13	24 39	1 0	22 58	0 11	14 4	1 40	23 52	0 19	19 10	1 25	27 11	16 19	19 0	19 25	15 36		n.a.
F 16	7 7	16 20	1 12	16 5	2 15	2 30	1 12	24 43	1 2	22 58	0 11	14 6	1 40	23 52	0 19	19 9	1 25	27 11	16 20	19 0	19 24	15 35		n.a.
S 17	7 29	19 2	0n 1	16 41	2 20	3 0	1 10	24 47	1 5	22 58	0 11	14 9	1 40	23 53	0 19	19 9	1 25	27 11	16 20	18 59	19 23	15 33		n.a.
S 18	7 51	20 40	1 15	17 15	2 23	3 31	1 9	24 51	1 8	22 58	0 10	14 11	1 40	23 53	0 19	19 9	1 25	27 11	16 20	19 0	19 22	15 31		n.a.
M19	8 13	21 5	2 26	17 47	2 26	4 1	1 7	24 54	1 11	22 58	0 10	14 13	1 40	23 53	0 19	19 9	1 25	27 11	16 21	19 0	19 22	15 29		n.a.
T 20	8 35	20 11	3 28	18 16	2 27	4 32	1 6	24 58	1 14	22 58	0 10	14 16	1 40	23 53	0 19	19 8	1 25	27 11	16 21	19 0	19 21	15 27		n.a.
W21	8 56	18 2	4 19	18 43	2 28	5 2	1 4	25 1	1 17	22 58	0 10	14 18	1 40	23 53	0 19	19 8	1 25	27 11	16 21	19 0	19 20	15 26		n.a.
T 22	9 18	14 47	4 54	19 7	2 29	5 32	1 2	25 5	1 20	22 58	0 10	14 21	1 39	23 53	0 19	19 8	1 25	27 10	16 21	19 0	19 19	15 24		n.a.
F 23	9 39	10 39	5 11	19 30	2 28	6 2	1 1	25 8	1 23	22 58	0 10	14 23	1 39	23 53	0 19	19 8	1 25	27 10	16 22	19 0	19 18	15 22		n.a.
S 24	10 1	5 55	5 9	19 50	2 27	6 32	0 59	25 12	1 26	22 58	0 10	14 26	1 39	23 53	0 19	19 7	1 25	27 10	16 22	18 59	19 18	15 20		n.a.
S 25	10 22	0 53	4 48	20 7	2 24	7 2	0 57	25 15	1 29	22 58	0 10	14 28	1 39	23 54	0 19	19 7	1 25	27 10	16 22	18 58	19 17	15 18		n.a.
M26	10 43	4n10	4 10	20 23	2 21	7 32	0 55	25 19	1 33	22 57	0 10	14 30	1 39	23 54	0 19	19 7	1 25	27 10	16 23	18 57	19 16	15 16		n.a.
T 27	11 3	8 56	3 17	20 36	2 17	8 1	0 53	25 22	1 36	22 57	0 9	14 33	1 39	23 54	0 19	19 6	1 25	27 10	16 23	18 56	19 15	15 15		n.a.
W28	11 24	13 10	2 13	20 47	2 12	8 31	0 52	25 25	1 39	22 57	0 9	14 35	1 39	23 54	0 19	19 6	1 25	27 10	16 23	18 56	19 15	15 13		n.a.
T 29	11 45	16 38	1 4	20 56	2 7	9 0	0 50	25 29	1 43	22 57	0 9	14 38	1 39	23 54	0 19	19 6	1 25	27 10	16 24	18 55	19 14	15 11		n.a.
F 30	12n 5	19n 9	0s 8	21n 2	2n 0	9n29	0s48	25s32	1s46	22s57	0n 9	14n40	1s39	23n54	0n19	19s 6	1n26	27s10	16s24	18s55	19s13	15n 9		n.a.

Julian Day Number = 1484100.5, Delta T = 05h20m13s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'50, Lahiri = -12°55'49 Julian Calendar 1 Apr. 650 BCE == Greg. Calendar 25 March 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

MAY 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 5 23	2♉14'05	7♊44	25♉ 4	27♈20	1♑ 1	16°R37	14♉ 3	23♊ 7	0°R14	29♒10	23♏34	24♏41	2♌56	n.a.	S 1
S 2	14 9 19	3°11'23	20°12	25°47	28°34	1°22	16♐34	14°11	23° 9	0♐12	29°11	23°35	24°38	3° 3	n.a.	S 2
M 3	14 13 16	4° 8'39	2♋25	26°27	29°47	1°42	16°30	14°18	23°12	0°11	29°12	23°37	24°35	3°10	n.a.	M 3
T 4	14 17 12	5° 5'55	14°27	27° 2	1♉ 1	2° 1	16°26	14°26	23°15	0° 9	29°13	23°38	24°32	3°16	n.a.	T 4
W 5	14 21 9	6° 3'09	26°22	27°33	2°15	2°20	16°22	14°34	23°17	0° 8	29°13	23°39	24°28	3°23	n.a.	W 5
T 6	14 25 5	7° 0'23	8♌15	27°59	3°28	2°38	16°18	14°42	23°20	0° 7	29°14	23°R39	24°25	3°30	n.a.	T 6
F 7	14 29 2	7°57'35	20°10	28°21	4°42	2°56	16°13	14°50	23°23	0° 5	29°15	23°39	24°22	3°37	n.a.	F 7
S 8	14 32 59	8°54'47	2♍12	28°39	5°55	3°14	16° 9	14°58	23°26	0° 4	29°16	23°38	24°19	3°43	n.a.	S 8
S 9	14 36 55	9°51'57	14°25	28°52	7° 9	3°31	16° 4	15° 5	23°29	0° 2	29°16	23°36	24°16	3°50	n.a.	S 9
M10	14 40 52	10°49'07	26°53	29° 0	8°23	3°47	15°59	15°13	23°32	0° 1	29°17	23°34	24°12	3°57	n.a.	M10
T 11	14 44 48	11°46'16	9♎37	29°R 4	9°36	4° 3	15°54	15°21	23°35	29♏59	29°17	23°33	24° 9	4° 3	n.a.	T 11
W12	14 48 45	12°43'24	22°41	29° 3	10°50	4°18	15°49	15°29	23°38	29°58	29°18	23°31	24° 6	4°10	n.a.	W12
T 13	14 52 41	13°40'32	6♏ 3	28°58	12° 3	4°33	15°44	15°37	23°41	29°56	29°18	23°31	24° 3	4°17	n.a.	T 13
F 14	14 56 38	14°37'39	19°43	28°48	13°17	4°47	15°38	15°45	23°44	29°55	29°19	23°D30	24° 0	4°24	n.a.	F 14
S 15	15 0 34	15°34'45	3♐38	28°35	14°31	5° 1	15°33	15°53	23°47	29°53	29°20	23°30	23°57	4°30	n.a.	S 15
S 16	15 4 31	16°31'52	17°46	28°17	15°44	5°14	15°27	16° 1	23°50	29°51	29°20	23°31	23°53	4°37	n.a.	S 16
M17	15 8 28	17°28'58	2♑ 2	27°56	16°58	5°26	15°21	16° 9	23°53	29°50	29°20	23°31	23°50	4°44	n.a.	M17
T 18	15 12 24	18°26'04	16°22	27°31	18°12	5°38	15°15	16°17	23°56	29°48	29°21	23°32	23°47	4°50	n.a.	T 18
W19	15 16 21	19°23'10	0♒42	27° 3	19°25	5°49	15° 9	16°24	23°59	29°47	29°21	23°32	23°44	4°57	n.a.	W19
T 20	15 20 17	20°20'16	15° 0	26°33	20°39	5°59	15° 3	16°32	24° 2	29°45	29°22	23°R32	23°41	5° 4	n.a.	T 20
F 21	15 24 14	21°17'22	29°12	26° 0	21°53	6° 9	14°56	16°40	24° 6	29°44	29°22	23°32	23°37	5°11	n.a.	F 21
S 22	15 28 10	22°14'28	13♓15	25°26	23° 6	6°18	14°50	16°48	24° 9	29°42	29°23	23°32	23°34	5°17	n.a.	S 22
S 23	15 32 7	23°11'34	27° 9	24°52	24°20	6°26	14°43	16°56	24°12	29°40	29°23	23°D32	23°31	5°24	n.a.	S 23
M24	15 36 3	24° 8'40	10♈51	24°16	25°34	6°34	14°37	17° 4	24°15	29°39	29°23	23°32	23°28	5°31	n.a.	M24
T 25	15 40 0	25° 5'46	24°20	23°41	26°47	6°41	14°30	17°12	24°19	29°37	29°23	23°32	23°25	5°37	n.a.	T 25
W26	15 43 57	26° 2'52	7♉36	23° 7	28° 1	6°47	14°23	17°20	24°22	29°36	29°24	23°32	23°22	5°44	n.a.	W26
T 27	15 47 53	26°59'59	20°38	22°34	29°15	6°52	14°16	17°27	24°25	29°34	29°24	23°R32	23°18	5°51	n.a.	T 27
F 28	15 51 50	27°57'05	3♊25	22° 3	0♊28	6°57	14° 9	17°35	24°29	29°32	29°24	23°32	23°15	5°58	n.a.	F 28
S 29	15 55 46	28°54'12	15°58	21°35	1°42	7° 1	14° 2	17°43	24°32	29°31	29°24	23°32	23°12	6° 4	n.a.	S 29
S 30	15 59 43	29°51'18	28°18	21° 9	2°56	7° 4	13°55	17°51	24°35	29°29	29°25	23°31	23° 9	6°11	n.a.	S 30
M31	16 3 39	0♊48'24	10♋27	20♉47	4♊10	7♑ 7	13♐47	17♉59	24♊39	29♏27	29♒25	23♏31	23♏ 6	6♌18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n25	20n38	1s17	21n 7	1n53	9n58	0s46	25s36	1s49	22s56	0n 9	14n43	1s38	23n54	0n19	19s 5	1n26	27s10	16s24	18s55	19s12	15n 7		n.a.
S 2	12 45	21 3	2 22	21 10	1 45	10 26	0 44	25 39	1 53	22 56	0 9	14 45	1 38	23 54	0 19	19 5	1 26	27 10	16 25	18 56	19 11	15 5		n.a.
M 3	13 5	20 27	3 18	21 10	1 35	10 54	0 41	25 42	1 57	22 56	0 9	14 47	1 38	23 55	0 19	19 5	1 26	27 10	16 25	18 56	19 11	15 4		n.a.
T 4	13 24	18 55	4 5	21 9	1 25	11 22	0 39	25 46	2 0	22 56	0 9	14 50	1 38	23 55	0 19	19 4	1 26	27 10	16 25	18 56	19 10	15 2		n.a.
W 5	13 43	16 35	4 41	21 6	1 15	11 50	0 37	25 49	2 4	22 55	0 8	14 52	1 38	23 55	0 19	19 4	1 26	27 10	16 26	18 57	19 9	15 0		n.a.
T 6	14 2	13 33	5 5	21 1	1 3	12 18	0 35	25 52	2 8	22 55	0 8	14 55	1 38	23 55	0 19	19 4	1 26	27 10	16 26	18 57	19 8	14 58		n.a.
F 7	14 21	9 59	5 15	20 54	0 51	12 45	0 33	25 56	2 12	22 55	0 8	14 57	1 38	23 55	0 19	19 3	1 26	27 10	16 26	18 57	19 7	14 56		n.a.
S 8	14 40	5 59	5 12	20 45	0 38	13 12	0 31	25 59	2 15	22 54	0 8	15 0	1 38	23 55	0 19	19 3	1 26	27 10	16 27	18 56	19 7	14 54		n.a.
S 9	14 58	1 41	4 55	20 34	0 24	13 38	0 28	26 3	2 19	22 54	0 8	15 2	1 38	23 55	0 19	19 3	1 26	27 10	16 27	18 56	19 6	14 52		n.a.
M10	15 17	2s46	4 24	20 22	0 10	14 5	0 26	26 6	2 23	22 54	0 8	15 4	1 38	23 56	0 19	19 2	1 26	27 11	16 27	18 56	19 5	14 51		n.a.
T 11	15 35	7 13	3 40	20 8	0s 5	14 31	0 24	26 10	2 27	22 53	0 8	15 7	1 38	23 56	0 19	19 2	1 26	27 11	16 28	18 55	19 4	14 49		n.a.
W12	15 52	11 27	2 42	19 53	0 21	14 56	0 22	26 13	2 31	22 53	0 7	15 9	1 37	23 56	0 19	19 2	1 26	27 11	16 28	18 55	19 4	14 47		n.a.
T 13	16 10	15 13	1 35	19 36	0 37	15 22	0 19	26 17	2 36	22 52	0 7	15 12	1 37	23 56	0 19	19 1	1 26	27 11	16 28	18 55	19 3	14 45		n.a.
F 14	16 27	18 15	0 21	19 18	0 53	15 46	0 17	26 21	2 40	22 52	0 7	15 14	1 37	23 56	0 19	19 1	1 26	27 11	16 29	18 54	19 2	14 43		n.a.
S 15	16 44	20 16	0n56	18 59	1 10	16 11	0 15	26 24	2 44	22 52	0 7	15 16	1 37	23 56	0 19	19 1	1 26	27 11	16 29	18 54	19 1	14 41		n.a.
S 16	17 1	21 2	2 10	18 39	1 26	16 35	0 12	26 28	2 48	22 51	0 7	15 19	1 37	23 56	0 19	19 0	1 26	27 11	16 29	18 55	19 0	14 39		n.a.
M17	17 17	20 28	3 18	18 18	1 43	16 59	0 10	26 32	2 53	22 51	0 7	15 21	1 37	23 57	0 19	19 0	1 26	27 11	16 30	18 55	19 0	14 38		n.a.
T 18	17 33	18 34	4 13	17 56	1 59	17 22	0 8	26 36	2 57	22 50	0 7	15 23	1 37	23 57	0 19	19 0	1 26	27 12	16 30	18 55	18 59	14 36		n.a.
W19	17 49	15 31	4 52	17 34	2 16	17 45	0 5	26 40	3 1	22 50	0 6	15 26	1 37	23 57	0 19	18 59	1 26	27 12	16 31	18 55	18 58	14 34		n.a.
T 20	18 5	11 34	5 13	17 12	2 31	18 7	0 3	26 44	3 6	22 49	0 6	15 28	1 37	23 57	0 19	18 59	1 26	27 12	16 31	18 55	18 57	14 32		n.a.
F 21	18 20	6 59	5 15	16 50	2 47	18 29	0 1	26 48	3 10	22 48	0 6	15 30	1 37	23 57	0 19	18 59	1 26	27 12	16 31	18 55	18 56	14 30		n.a.
S 22	18 35	2 5	4 58	16 28	3 1	18 50	0n 2	26 52	3 15	22 48	0 6	15 33	1 37	23 57	0 19	18 58	1 26	27 12	16 32	18 55	18 56	14 28		n.a.
S 23	18 50	2n53	4 24	16 6	3 14	19 11	0 4	26 56	3 20	22 47	0 6	15 35	1 37	23 57	0 19	18 58	1 26	27 13	16 32	18 55	18 55	14 26		n.a.
M24	19 4	7 39	3 35	15 45	3 27	19 31	0 7	27 0	3 24	22 47	0 6	15 37	1 37	23 58	0 19	18 58	1 26	27 13	16 32	18 55	18 54	14 24		n.a.
T 25	19 18	11 57	2 35	15 26	3 38	19 51	0 9	27 5	3 29	22 46	0 6	15 39	1 37	23 58	0 19	18 57	1 26	27 13	16 33	18 55	18 53	14 23		n.a.
W26	19 32	15 37	1 27	15 7	3 48	20 11	0 11	27 9	3 34	22 45	0 5	15 42	1 37	23 58	0 19	18 57	1 26	27 13	16 33	18 55	18 52	14 21		n.a.
T 27	19 46	18 25	0 16	14 51	3 57	20 29	0 14	27 13	3 38	22 45	0 5	15 44	1 37	23 58	0 19	18 57	1 26	27 14	16 34	18 55	18 51	14 19		n.a.
F 28	19 59	20 14	0s54	14 36	4 5	20 48	0 16	27 18	3 43	22 44	0 5	15 46	1 37	23 58	0 19	18 56	1 26	27 14	16 34	18 55	18 51	14 17		n.a.
S 29	20 12	21 1	2 1	14 23	4 11	21 5	0 18	27 23	3 48	22 43	0 5	15 48	1 37	23 58	0 19	18 56	1 26	27 14	16 34	18 55	18 50	14 15		n.a.
S 30	20 24	20 45	3 1	14 12	4 15	21 22	0 21	27 27	3 53	22 42	0 5	15 51	1 36	23 58	0 19	18 56	1 26	27 14	16 35	18 55	18 49	14 13		n.a.
M31	20n36	19n30	3s52	14n 3	4s18	21n39	0n23	27s32	3s58	22s42	0n 5	15n53	1s36	23n59	0n19	18s55	1n26	27s15	16s35	18s55	18s48	14n11		n.a.

Julian Day Number = 1484130.5, Delta T = 05h20m12s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'46, Lahiri = -12°55'45 Julian Calendar 1 May 650 BCE == Greg. Calendar 24 Apr. 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

JUNE 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 7 36	1♊45'31	22♋27	20°R29	5♊23	7♑ 8	13°R40	18♉ 6	24♊42	29°R26	29♒25	23°R30	23♏ 3	6♌24	n.a.	T 1
W 2	16 11 33	2°42'37	4♌22	20♉15	6°37	7° 9	13♐33	18°14	24°46	29♏24	29°25	23♏28	22°59	6°31	n.a.	W 2
T 3	16 15 29	3°39'43	16°14	20° 6	7°51	7°R 9	13°25	18°22	24°49	29°23	29°25	23°28	22°56	6°38	n.a.	T 3
F 4	16 19 26	4°36'49	28° 8	20°D 1	9° 5	7° 8	13°18	18°30	24°53	29°21	29°25	23°27	22°53	6°45	n.a.	F 4
S 5	16 23 22	5°33'55	10♍10	20° 2	10°18	7° 7	13°10	18°37	24°56	29°19	29°25	23°D27	22°50	6°51	n.a.	S 5
S 6	16 27 19	6°31'01	22°22	20° 7	11°32	7° 5	13° 2	18°45	25° 0	29°18	29°25	23°28	22°47	6°58	n.a.	S 6
M 7	16 31 15	7°28'07	4♎50	20°17	12°46	7° 2	12°55	18°53	25° 3	29°16	29°R25	23°28	22°43	7° 5	n.a.	M 7
T 8	16 35 12	8°25'13	17°37	20°33	14° 0	6°58	12°47	19° 0	25° 7	29°15	29°25	23°30	22°40	7°12	n.a.	T 8
W 9	16 39 8	9°22'20	0♏46	20°54	15°14	6°54	12°39	19° 8	25°10	29°13	29°25	23°31	22°37	7°18	n.a.	W 9
T 10	16 43 5	10°19'26	14°19	21°20	16°27	6°48	12°32	19°15	25°14	29°11	29°25	23°32	22°34	7°25	n.a.	T 10
F 11	16 47 2	11°16'33	28°15	21°52	17°41	6°42	12°24	19°23	25°18	29°10	29°25	23°R32	22°31	7°32	n.a.	F 11
S 12	16 50 58	12°13'41	12♐32	22°29	18°55	6°36	12°16	19°30	25°21	29° 8	29°25	23°31	22°28	7°38	n.a.	S 12
S 13	16 54 55	13°10'49	27° 5	23°11	20° 9	6°29	12° 9	19°38	25°25	29° 7	29°25	23°29	22°24	7°45	n.a.	S 13
M14	16 58 51	14° 7'57	11♑48	23°58	21°23	6°20	12° 1	19°45	25°29	29° 5	29°25	23°27	22°21	7°52	n.a.	M14
T 15	17 2 48	15° 5'07	26°34	24°51	22°36	6°12	11°53	19°53	25°32	29° 4	29°25	23°24	22°18	7°59	n.a.	T 15
W16	17 6 44	16° 2'17	11♒16	25°49	23°50	6° 2	11°45	20° 0	25°36	29° 2	29°24	23°22	22°15	8° 5	n.a.	W16
T 17	17 10 41	16°59'28	25°47	26°51	25° 4	5°52	11°38	20° 7	25°39	29° 1	29°24	23°20	22°12	8°12	n.a.	T 17
F 18	17 14 37	17°56'40	10♓ 3	27°59	26°18	5°42	11°30	20°15	25°43	28°59	29°24	23°18	22° 9	8°19	n.a.	F 18
S 19	17 18 34	18°53'53	24° 3	29°11	27°32	5°30	11°23	20°22	25°47	28°58	29°24	23°D18	22° 5	8°25	n.a.	S 19
S 20	17 22 31	19°51'06	7♈44	0♊28	28°46	5°19	11°15	20°29	25°50	28°56	29°23	23°19	22° 2	8°32	n.a.	S 20
M21	17 26 27	20°48'22	21° 8	1°50	29°59	5° 6	11° 7	20°37	25°54	28°55	29°23	23°20	21°59	8°39	n.a.	M21
T 22	17 30 24	21°45'38	4♉17	3°17	1♋14	4°53	11° 0	20°44	25°58	28°53	29°23	23°22	21°56	8°46	n.a.	T 22
W23	17 34 20	22°42'55	17°10	4°47	2°27	4°40	10°52	20°51	26° 1	28°52	29°22	23°R23	21°53	8°52	n.a.	W23
T 24	17 38 17	23°40'13	29°51	6°22	3°41	4°26	10°45	20°58	26° 5	28°50	29°22	23°23	21°49	8°59	n.a.	T 24
F 25	17 42 13	24°37'32	12♊20	8° 1	4°55	4°12	10°38	21° 5	26° 9	28°49	29°22	23°22	21°46	9° 6	n.a.	F 25
S 26	17 46 10	25°34'53	24°39	9°44	6° 9	3°57	10°31	21°12	26°12	28°47	29°21	23°19	21°43	9°12	n.a.	S 26
S 27	17 50 7	26°32'14	6♋49	11°30	7°23	3°42	10°23	21°19	26°16	28°46	29°21	23°14	21°40	9°19	n.a.	S 27
M28	17 54 3	27°29'36	18°51	13°20	8°37	3°27	10°16	21°26	26°20	28°45	29°20	23° 8	21°37	9°26	n.a.	M28
T 29	17 58 0	28°26'59	0♌47	15°12	9°51	3°11	10° 9	21°33	26°24	28°43	29°20	23° 2	21°34	9°33	n.a.	T 29
W30	18 1 56	29♊24'23	12♌40	17♊ 7	11♋ 5	2♑56	10♐ 2	21♉40	26♊27	28♏42	29♒19	22♏56	21♏30	9♌39	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n48	17n25	4s31	13n57	4s20	21n55	0n25	27s37	4s 2	22s41	0n 4	15n55	1s36	23n59	0n19	18s55	1n26	27s15	16s35	18s54	18s47	14n 9		n.a.
W 2	20 59	14 36	4 59	13 53	4 20	22 10	0 27	27 41	4 7	22 40	0 4	15 57	1 36	23 59	0 19	18 55	1 26	27 15	16 36	18 54	18 47	14 7		n.a.
T 3	21 11	11 12	5 14	13 51	4 19	22 25	0 30	27 46	4 12	22 39	0 4	15 59	1 36	23 59	0 19	18 54	1 26	27 16	16 36	18 54	18 46	14 6		n.a.
F 4	21 21	7 21	5 15	13 52	4 17	22 39	0 32	27 51	4 17	22 39	0 4	16 2	1 36	23 59	0 19	18 54	1 26	27 16	16 37	18 54	18 45	14 4		n.a.
S 5	21 32	3 12	5 3	13 56	4 13	22 52	0 34	27 56	4 22	22 38	0 4	16 4	1 36	23 59	0 19	18 54	1 26	27 16	16 37	18 54	18 44	14 2		n.a.
S 6	21 42	1s10	4 37	14 2	4 8	23 5	0 36	28 1	4 27	22 37	0 4	16 6	1 36	23 59	0 19	18 53	1 26	27 17	16 37	18 54	18 43	14 0		n.a.
M 7	21 52	5 34	3 58	14 11	4 2	23 17	0 38	28 6	4 32	22 36	0 4	16 8	1 36	24 0	0 19	18 53	1 25	27 17	16 38	18 54	18 43	13 58		n.a.
T 8	22 1	9 51	3 6	14 22	3 55	23 28	0 41	28 11	4 36	22 35	0 3	16 10	1 36	24 0	0 19	18 53	1 25	27 17	16 38	18 54	18 42	13 56		n.a.
W 9	22 10	13 48	2 2	14 35	3 47	23 39	0 43	28 16	4 41	22 35	0 3	16 12	1 36	24 0	0 19	18 52	1 25	27 18	16 38	18 55	18 41	13 54		n.a.
T 10	22 18	17 10	0 51	14 50	3 38	23 49	0 45	28 21	4 46	22 34	0 3	16 14	1 36	24 0	0 19	18 52	1 25	27 18	16 39	18 55	18 40	13 52		n.a.
F 11	22 27	19 37	0n26	15 8	3 29	23 58	0 47	28 26	4 51	22 33	0 3	16 16	1 36	24 0	0 19	18 52	1 25	27 18	16 39	18 55	18 39	13 50		n.a.
S 12	22 34	20 55	1 43	15 27	3 18	24 7	0 49	28 31	4 55	22 32	0 3	16 19	1 36	24 0	0 19	18 51	1 25	27 19	16 40	18 55	18 38	13 48		n.a.
S 13	22 42	20 50	2 55	15 48	3 8	24 15	0 51	28 36	5 0	22 31	0 3	16 21	1 36	24 0	0 19	18 51	1 25	27 19	16 40	18 54	18 38	13 46		n.a.
M14	22 49	19 20	3 55	16 11	2 56	24 22	0 53	28 41	5 4	22 30	0 2	16 23	1 36	24 1	0 19	18 51	1 25	27 19	16 40	18 54	18 37	13 45		n.a.
T 15	22 55	16 32	4 41	16 36	2 44	24 28	0 55	28 46	5 9	22 29	0 2	16 25	1 36	24 1	0 19	18 50	1 25	27 20	16 41	18 53	18 36	13 43		n.a.
W16	23 2	12 43	5 7	17 1	2 32	24 34	0 57	28 51	5 13	22 29	0 2	16 27	1 36	24 1	0 19	18 50	1 25	27 20	16 41	18 52	18 35	13 41		n.a.
T 17	23 8	8 11	5 14	17 29	2 19	24 39	0 58	28 56	5 18	22 28	0 2	16 29	1 36	24 1	0 19	18 50	1 25	27 21	16 41	18 52	18 34	13 39		n.a.
F 18	23 13	3 16	5 1	17 57	2 6	24 43	1 0	29 1	5 22	22 27	0 2	16 31	1 36	24 1	0 19	18 49	1 25	27 21	16 42	18 51	18 33	13 37		n.a.
S 19	23 18	1n44	4 30	18 26	1 52	24 47	1 2	29 5	5 26	22 26	0 2	16 32	1 36	24 1	0 19	18 49	1 25	27 22	16 42	18 51	18 33	13 35		n.a.
S 20	23 23	6 33	3 45	18 55	1 39	24 50	1 4	29 10	5 30	22 25	0 1	16 34	1 36	24 1	0 19	18 49	1 25	27 22	16 42	18 52	18 32	13 33		n.a.
M21	23 27	10 57	2 48	19 25	1 25	24 52	1 5	29 14	5 34	22 24	0 1	16 36	1 36	24 1	0 19	18 49	1 25	27 22	16 43	18 52	18 31	13 31		n.a.
T 22	23 31	14 44	1 43	19 56	1 12	24 53	1 7	29 19	5 38	22 23	0 1	16 38	1 36	24 2	0 19	18 48	1 25	27 23	16 43	18 52	18 30	13 29		n.a.
W23	23 34	17 44	0 34	20 26	0 58	24 53	1 8	29 23	5 42	22 22	0 1	16 40	1 36	24 2	0 19	18 48	1 25	27 23	16 44	18 53	18 29	13 27		n.a.
T 24	23 37	19 49	0s35	20 56	0 45	24 53	1 10	29 27	5 46	22 21	0 1	16 42	1 36	24 2	0 19	18 48	1 25	27 24	16 44	18 53	18 28	13 25		n.a.
F 25	23 40	20 54	1 42	21 26	0 32	24 52	1 11	29 31	5 49	22 20	0 1	16 44	1 36	24 2	0 19	18 47	1 25	27 24	16 44	18 52	18 28	13 23		n.a.
S 26	23 42	20 57	2 42	21 54	0 19	24 50	1 13	29 35	5 52	22 20	0 0	16 46	1 36	24 2	0 19	18 47	1 25	27 25	16 45	18 51	18 27	13 21		n.a.
S 27	23 44	20 1	3 35	22 22	0 6	24 48	1 14	29 39	5 56	22 19	0 0	16 47	1 36	24 2	0 19	18 47	1 25	27 25	16 45	18 50	18 26	13 19		n.a.
M28	23 45	18 11	4 17	22 49	0n 6	24 45	1 15	29 42	5 59	22 18	0 0	16 49	1 36	24 2	0 19	18 47	1 25	27 26	16 45	18 49	18 25	13 17		n.a.
T 29	23 46	15 35	4 47	23 13	0 17	24 41	1 17	29 45	6 1	22 17	0s 0	16 51	1 36	24 2	0 19	18 46	1 25	27 26	16 46	18 47	18 24	13 16		n.a.
W30	23n46	12n22	5s 5	23n37	0n28	24n36	1n18	29s48	6s 4	22s16	0s 0	16n53	1s36	24n 2	0n19	18s46	1n25	27s27	16s46	18s46	18s23	13n14		n.a.

Julian Day Number = 1484161.5, Delta T = 05h20m11s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'42, Lahiri = -12°55'41 Julian Calendar 1 June 650 BCE == Greg. Calendar 25 May 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

JULY 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 5 53	0♋21'48	24♌31	19♊ 4	12♋19	2°R40	9°R56	21♉46	26♊31	28°R41	29°R19	22°R50	21♏27	9♌46	n.a.	T 1
F 2	18 9 49	1°19'14	6♍25	21° 4	13°33	2♑24	9♐49	21°53	26°35	28♏39	29♒18	22♏46	21°24	9°53	n.a.	F 2
S 3	18 13 46	2°16'41	18°24	23° 4	14°47	2° 8	9°42	22° 0	26°38	28°38	29°18	22°43	21°21	10° 0	n.a.	S 3
S 4	18 17 42	3°14'08	0♎33	25° 6	16° 1	1°52	9°36	22° 7	26°42	28°37	29°17	22°D42	21°18	10° 6	n.a.	S 4
M 5	18 21 39	4°11'37	12°57	27° 9	17°15	1°36	9°29	22°13	26°46	28°36	29°17	22°42	21°15	10°13	n.a.	M 5
T 6	18 25 36	5° 9'06	25°41	29°13	18°29	1°21	9°23	22°20	26°49	28°34	29°16	22°44	21°11	10°20	n.a.	T 6
W 7	18 29 32	6° 6'37	8♏48	1♋17	19°43	1° 5	9°17	22°26	26°53	28°33	29°16	22°45	21° 8	10°26	n.a.	W 7
T 8	18 33 29	7° 4'09	22°22	3°20	20°57	0°49	9°11	22°33	26°57	28°32	29°15	22°R46	21° 5	10°33	n.a.	T 8
F 9	18 37 25	8° 1'41	6♐23	5°24	22°11	0°34	9° 5	22°39	27° 0	28°31	29°14	22°45	21° 2	10°40	n.a.	F 9
S 10	18 41 22	8°59'15	20°51	7°27	23°25	0°19	8°59	22°45	27° 4	28°30	29°14	22°42	20°59	10°47	n.a.	S 10
S 11	18 45 18	9°56'51	5♑41	9°29	24°39	0° 5	8°53	22°51	27° 7	28°29	29°13	22°37	20°55	10°53	n.a.	S 11
M12	18 49 15	10°54'27	20°45	11°31	25°53	29♐50	8°48	22°58	27°11	28°27	29°12	22°31	20°52	11° 0	n.a.	M12
T 13	18 53 11	11°52'05	5♒54	13°31	27° 7	29°37	8°43	23° 4	27°15	28°26	29°11	22°24	20°49	11° 7	n.a.	T 13
W14	18 57 8	12°49'45	20°58	15°31	28°21	29°23	8°37	23°10	27°18	28°25	29°11	22°17	20°46	11°14	n.a.	W14
T 15	19 1 5	13°47'26	5♓48	17°29	29°35	29°10	8°32	23°16	27°22	28°24	29°10	22°11	20°43	11°20	n.a.	T 15
F 16	19 5 1	14°45'09	20°17	19°26	0♌49	28°58	8°27	23°22	27°25	28°23	29° 9	22° 6	20°40	11°27	n.a.	F 16
S 17	19 8 58	15°42'54	4♈22	21°22	2° 3	28°46	8°23	23°28	27°29	28°22	29° 8	22° 4	20°36	11°34	n.a.	S 17
S 18	19 12 54	16°40'40	18° 2	23°17	3°17	28°34	8°18	23°33	27°32	28°21	29° 7	22°D 3	20°33	11°40	n.a.	S 18
M19	19 16 51	17°38'29	1♉18	25°10	4°30	28°23	8°14	23°39	27°36	28°20	29° 7	22° 4	20°30	11°47	n.a.	M19
T 20	19 20 47	18°36'19	14°15	27° 2	5°44	28°13	8° 9	23°45	27°39	28°20	29° 6	22° 5	20°27	11°54	n.a.	T 20
W21	19 24 44	19°34'12	26°54	28°52	6°58	28° 3	8° 5	23°50	27°43	28°19	29° 5	22°R 5	20°24	12° 1	n.a.	W21
T 22	19 28 40	20°32'06	9♊19	0♌42	8°13	27°54	8° 1	23°56	27°46	28°18	29° 4	22° 3	20°21	12° 7	n.a.	T 22
F 23	19 32 37	21°30'02	21°34	2°30	9°27	27°46	7°58	24° 1	27°50	28°17	29° 3	21°59	20°17	12°14	n.a.	F 23
S 24	19 36 34	22°28'00	3♋40	4°16	10°41	27°39	7°54	24° 7	27°53	28°16	29° 2	21°53	20°14	12°21	n.a.	S 24
S 25	19 40 30	23°26'00	15°41	6° 2	11°55	27°32	7°51	24°12	27°57	28°15	29° 1	21°44	20°11	12°27	n.a.	S 25
M26	19 44 27	24°24'01	27°37	7°46	13° 9	27°26	7°47	24°17	28° 0	28°15	29° 0	21°33	20° 8	12°34	n.a.	M26
T 27	19 48 23	25°22'04	9♌30	9°28	14°23	27°20	7°44	24°23	28° 4	28°14	28°59	21°21	20° 5	12°41	n.a.	T 27
W28	19 52 20	26°20'09	21°21	11°10	15°37	27°16	7°41	24°28	28° 7	28°13	28°58	21° 9	20° 1	12°48	n.a.	W28
T 29	19 56 16	27°18'16	3♍13	12°50	16°51	27°12	7°39	24°33	28°10	28°13	28°58	20°57	19°58	12°54	n.a.	T 29
F 30	20 0 13	28°16'24	15° 7	14°29	18° 5	27° 9	7°36	24°38	28°14	28°12	28°57	20°48	19°55	13° 1	n.a.	F 30
S 31	20 4 9	29♋14'34	27♍ 7	16♌ 6	19♌19	27♐ 7	7♐34	24♉42	28♊17	28♏12	28♒56	20♏41	19♏52	13♌ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n46	8n40	5s10	23n58	0n39	24n30	1n19	29s51	6s 7	22s15	0s 0	16n55	1s36	24n 3	0n19	18s46	1n25	27s27	16s46	18s44	18s23	13n12		n.a.	
F 2	23 46	4 37	5 2	24 16	0 49	24 24	1 20	29 54	6 9	22 14	0 0	16 56	1 37	24 3	0 19	18 46	1 25	27 28	16 47	18 43	18 22	13 10		n.a.	
S 3	23 45	0 22	4 40	24 33	0 58	24 17	1 21	29 56	6 11	22 13	0 1	16 58	1 37	24 3	0 19	18 45	1 25	27 28	16 47	18 42	18 21	13 8		n.a.	
S 4	23 44	3s58	4 5	24 47	1 6	24 9	1 22	29 59	6 13	22 13	0 1	17 0	1 37	24 3	0 19	18 45	1 25	27 29	16 47	18 42	18 20	13 6		n.a.	
M 5	23 42	8 14	3 19	24 58	1 14	24 1	1 23	30 1	6 15	22 12	0 1	17 1	1 37	24 3	0 19	18 45	1 25	27 29	16 48	18 42	18 19	13 4		n.a.	
T 6	23 40	12 15	2 21	25 7	1 20	23 52	1 24	30 3	6 17	22 11	0 1	17 3	1 37	24 3	0 19	18 45	1 25	27 30	16 48	18 43	18 18	13 2		n.a.	
W 7	23 38	15 49	1 15	25 12	1 26	23 42	1 25	30 4	6 18	22 10	0 1	17 5	1 37	24 3	0 19	18 44	1 25	27 30	16 48	18 43	18 18	13 0		n.a.	
T 8	23 35	18 39	0 2	25 15	1 32	23 31	1 25	30 6	6 19	22 9	0 1	17 6	1 37	24 3	0 19	18 44	1 25	27 31	16 48	18 43	18 17	12 58		n.a.	
F 9	23 31	20 29	1n13	25 16	1 36	23 20	1 26	30 7	6 21	22 9	0 2	17 8	1 37	24 3	0 19	18 44	1 25	27 31	16 49	18 43	18 16	12 56		n.a.	
S 10	23 28	21 2	2 26	25 13	1 40	23 8	1 27	30 8	6 21	22 8	0 2	17 9	1 37	24 4	0 19	18 44	1 25	27 32	16 49	18 42	18 15	12 54		n.a.	
S 11	23 24	20 9	3 30	25 8	1 43	22 55	1 27	30 8	6 22	22 7	0 2	17 11	1 37	24 4	0 19	18 43	1 24	27 32	16 49	18 41	18 14	12 52		n.a.	
M12	23 19	17 50	4 21	25 1	1 45	22 42	1 28	30 9	6 23	22 6	0 2	17 12	1 37	24 4	0 19	18 43	1 24	27 33	16 50	18 39	18 13	12 50		n.a.	
T 13	23 14	14 18	4 54	24 51	1 47	22 28	1 28	30 9	6 23	22 6	0 2	17 14	1 37	24 4	0 19	18 43	1 24	27 33	16 50	18 37	18 12	12 48		n.a.	
W14	23 9	9 52	5 7	24 38	1 48	22 13	1 28	30 9	6 23	22 5	0 2	17 15	1 37	24 4	0 19	18 43	1 24	27 34	16 50	18 36	18 12	12 46		n.a.	
T 15	23 3	4 54	4 58	24 24	1 48	21 58	1 29	30 9	6 23	22 4	0 2	17 17	1 37	24 4	0 19	18 43	1 24	27 34	16 51	18 34	18 11	12 44		n.a.	
F 16	22 57	0n14	4 31	24 7	1 47	21 42	1 29	30 9	6 23	22 4	0 3	17 18	1 37	24 4	0 19	18 42	1 24	27 35	16 51	18 33	18 10	12 42		n.a.	
S 17	22 50	5 14	3 47	23 48	1 47	21 25	1 29	30 9	6 23	22 3	0 3	17 20	1 37	24 4	0 19	18 42	1 24	27 36	16 51	18 32	18 9	12 40		n.a.	
S 18	22 43	9 49	2 52	23 27	1 45	21 8	1 29	30 8	6 22	22 3	0 3	17 21	1 37	24 4	0 19	18 42	1 24	27 36	16 51	18 32	18 8	12 38		n.a.	
M19	22 35	13 47	1 49	23 5	1 43	20 50	1 29	30 7	6 22	22 2	0 3	17 22	1 37	24 4	0 19	18 42	1 24	27 37	16 52	18 32	18 7	12 36		n.a.	
T 20	22 28	17 0	0 42	22 41	1 41	20 32	1 29	30 6	6 21	22 2	0 3	17 24	1 37	24 4	0 19	18 42	1 24	27 37	16 52	18 32	18 6	12 34		n.a.	
W21	22 19	19 19	0s26	22 16	1 38	20 13	1 29	30 5	6 20	22 1	0 3	17 25	1 38	24 4	0 19	18 42	1 24	27 38	16 52	18 32	18 6	12 32		n.a.	
T 22	22 11	20 39	1 31	21 49	1 34	19 53	1 29	30 4	6 19	22 0	0 4	17 26	1 38	24 5	0 19	18 42	1 24	27 38	16 52	18 32	18 5	12 30		n.a.	
F 23	22 2	21 0	2 31	21 20	1 30	19 33	1 28	30 2	6 17	22 0	0 4	17 28	1 38	24 5	0 19	18 41	1 24	27 39	16 53	18 31	18 4	12 28		n.a.	
S 24	21 52	20 20	3 23	20 51	1 26	19 13	1 28	30 1	6 16	22 0	0 4	17 29	1 38	24 5	0 19	18 41	1 24	27 39	16 53	18 29	18 3	12 26		n.a.	
S 25	21 42	18 46	4 5	20 20	1 21	18 51	1 28	29 59	6 14	21 59	0 4	17 30	1 38	24 5	0 19	18 41	1 24	27 40	16 53	18 27	18 2	12 25		n.a.	
M26	21 32	16 24	4 37	19 49	1 16	18 30	1 27	29 57	6 13	21 59	0 4	17 31	1 38	24 5	0 19	18 41	1 24	27 41	16 53	18 24	18 1	12 23		n.a.	
T 27	21 22	13 22	4 56	19 16	1 11	18 7	1 27	29 55	6 11	21 58	0 4	17 33	1 38	24 5	0 19	18 41	1 24	27 41	16 54	18 21	18 0	12 21		n.a.	
W28	21 11	9 49	5 2	18 43	1 6	17 45	1 26	29 53	6 9	21 58	0 4	17 34	1 38	24 5	0 19	18 41	1 24	27 42	16 54	18 18	18 0	12 19		n.a.	
T 29	20 59	5 53	4 56	18 9	1 0	17 21	1 25	29 51	6 7	21 58	0 5	17 35	1 38	24 5	0 19	18 41	1 24	27 42	16 54	18 15	17 59	12 17		n.a.	
F 30	20 48	1 43	4 36	17 34	0 54	16 58	1 25	29 49	6 5	21 57	0 5	17 36	1 38	24 5	0 19	18 41	1 24	27 43	16 54	18 12	17 58	12 15		n.a.	
S 31	20n36	2s33	4s 4	16n59	0n47	16n34	1n24	29s47	6s 3	21s57	0s 5	17n37	1s38	24n 5	0n20	18s41	1n24	27s43	16s54	18s10	17s57	12n13		n.a.	

Julian Day Number = 1484191.5, Delta T = 05h20m09s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'37, Lahiri = -12°55'37 Julian Calendar 1 July 650 BCE == Greg. Calendar 24 June 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

AUGUST 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 8 6	0♌12'45	9♎15	17♌43	20♌32	27°R 6	7°R32	24♉47	28♊20	28°R11	28°R55	20°R37	19♏49	13♌15	n.a.	S 1
M 2	20 12 2	1°10'58	21°36	19°18	21°46	27°D 5	7♐30	24°52	28°23	28♏10	28♒53	20♏35	19°46	13°21	n.a.	M 2
T 3	20 15 59	2° 9'13	4♏15	20°52	23° 0	27♐ 6	7°28	24°56	28°27	28°10	28°52	20°D34	19°42	13°28	n.a.	T 3
W 4	20 19 56	3° 7'29	17°16	22°25	24°14	27° 7	7°27	25° 1	28°30	28°10	28°51	20°R35	19°39	13°35	n.a.	W 4
T 5	20 23 52	4° 5'47	0♐43	23°56	25°28	27° 9	7°25	25° 5	28°33	28° 9	28°50	20°34	19°36	13°41	n.a.	T 5
F 6	20 27 49	5° 4'07	14°39	25°26	26°42	27°12	7°24	25°10	28°36	28° 9	28°49	20°32	19°33	13°48	n.a.	F 6
S 7	20 31 45	6° 2'29	29° 4	26°56	27°56	27°15	7°23	25°14	28°39	28° 8	28°48	20°28	19°30	13°55	n.a.	S 7
S 8	20 35 42	7° 0'52	13♑55	28°24	29°10	27°20	7°22	25°18	28°42	28° 8	28°47	20°21	19°26	14° 2	n.a.	S 8
M 9	20 39 38	7°59'17	29° 6	29°50	0♍24	27°25	7°22	25°22	28°45	28° 8	28°46	20°12	19°23	14° 8	n.a.	M 9
T 10	20 43 35	8°57'44	14♒27	1♍16	1°38	27°31	7°21	25°26	28°48	28° 7	28°45	20° 1	19°20	14°15	n.a.	T 10
W11	20 47 31	9°56'13	29°45	2°40	2°52	27°37	7°21	25°30	28°51	28° 7	28°44	19°51	19°17	14°22	n.a.	W11
T 12	20 51 28	10°54'44	14♓50	4° 3	4° 6	27°45	7°D21	25°34	28°54	28° 7	28°43	19°41	19°14	14°28	n.a.	T 12
F 13	20 55 25	11°53'17	29°34	5°24	5°20	27°53	7°21	25°37	28°57	28° 7	28°42	19°34	19°11	14°35	n.a.	F 13
S 14	20 59 21	12°51'53	13♈49	6°44	6°34	28° 2	7°22	25°41	29° 0	28° 7	28°40	19°29	19° 7	14°42	n.a.	S 14
S 15	21 3 18	13°50'31	27°36	8° 3	7°47	28°11	7°22	25°45	29° 3	28° 7	28°39	19°27	19° 4	14°49	n.a.	S 15
M16	21 7 14	14°49'11	10♉55	9°20	9° 1	28°22	7°23	25°48	29° 6	28° 6	28°38	19°26	19° 1	14°55	n.a.	M16
T 17	21 11 11	15°47'54	23°49	10°36	10°15	28°33	7°24	25°51	29° 9	28° 6	28°37	19°26	18°58	15° 2	n.a.	T 17
W18	21 15 7	16°46'39	6♊22	11°50	11°29	28°45	7°25	25°55	29°12	28°D 6	28°36	19°26	18°55	15° 9	n.a.	W18
T 19	21 19 4	17°45'27	18°40	13° 3	12°43	28°57	7°26	25°58	29°14	28° 6	28°35	19°23	18°52	15°16	n.a.	T 19
F 20	21 23 0	18°44'17	0♋47	14°14	13°57	29°10	7°28	26° 1	29°17	28° 6	28°33	19°18	18°48	15°22	n.a.	F 20
S 21	21 26 57	19°43'09	12°45	15°23	15°10	29°24	7°29	26° 4	29°20	28° 7	28°32	19°10	18°45	15°29	n.a.	S 21
S 22	21 30 54	20°42'04	24°40	16°29	16°24	29°39	7°31	26° 6	29°22	28° 7	28°31	19° 0	18°42	15°36	n.a.	S 22
M23	21 34 50	21°41'00	6♌32	17°34	17°38	29°54	7°33	26° 9	29°25	28° 7	28°30	18°47	18°39	15°42	n.a.	M23
T 24	21 38 47	22°39'59	18°24	18°37	18°52	0♑ 9	7°36	26°12	29°28	28° 7	28°29	18°32	18°36	15°49	n.a.	T 24
W25	21 42 43	23°39'00	0♍17	19°37	20° 6	0°26	7°38	26°14	29°30	28° 7	28°28	18°18	18°32	15°56	n.a.	W25
T 26	21 46 40	24°38'04	12°12	20°34	21°19	0°43	7°41	26°17	29°33	28° 7	28°26	18° 4	18°29	16° 3	n.a.	T 26
F 27	21 50 36	25°37'09	24°11	21°29	22°33	1° 0	7°44	26°19	29°35	28° 8	28°25	17°53	18°26	16° 9	n.a.	F 27
S 28	21 54 33	26°36'16	6♎16	22°21	23°47	1°19	7°47	26°21	29°37	28° 8	28°24	17°44	18°23	16°16	n.a.	S 28
S 29	21 58 29	27°35'25	18°29	23° 9	25° 1	1°37	7°50	26°23	29°40	28° 8	28°23	17°38	18°20	16°23	n.a.	S 29
M30	22 2 26	28°34'37	0♏53	23°53	26°14	1°57	7°53	26°25	29°42	28° 9	28°22	17°35	18°17	16°30	n.a.	M30
T 31	22 6 22	29♌33'50	13♏31	24♍34	27♍28	2♑17	7♐57	26♉27	29♊44	28♏ 9	28♒20	17°D34	18♏13	16♌36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n23	6s47	3s21	16n23	0n41	16n 9	1n23	29s44	6s 0	21s57	0s 5	17n38	1s38	24n 5	0n20	18s40	1n23	27s44	16s55	18s 9	17s56	12n11		n.a.
M 2	20 10	10 48	2 27	15 47	0 34	15 44	1 22	29 42	5 58	21 57	0 5	17 39	1 38	24 5	0 20	18 40	1 23	27 45	16 55	18 9	17 55	12 9		n.a.
T 3	19 57	14 27	1 26	15 10	0 27	15 18	1 21	29 40	5 55	21 57	0 5	17 40	1 39	24 5	0 20	18 40	1 23	27 45	16 55	18 8	17 54	12 7		n.a.
W 4	19 44	17 30	0 18	14 33	0 20	14 53	1 20	29 37	5 53	21 57	0 5	17 41	1 39	24 5	0 20	18 40	1 23	27 46	16 55	18 9	17 53	12 5		n.a.
T 5	19 30	19 43	0n54	13 55	0 12	14 26	1 19	29 34	5 50	21 56	0 5	17 42	1 39	24 5	0 20	18 40	1 23	27 46	16 55	18 8	17 53	12 3		n.a.
F 6	19 16	20 49	2 4	13 18	0 5	14 0	1 17	29 32	5 47	21 56	0 6	17 43	1 39	24 5	0 20	18 40	1 23	27 47	16 55	18 8	17 52	12 1		n.a.
S 7	19 1	20 37	3 9	12 40	0s 3	13 33	1 16	29 29	5 45	21 56	0 6	17 44	1 39	24 6	0 20	18 40	1 23	27 47	16 56	18 7	17 51	11 59		n.a.
S 8	18 47	19 1	4 3	12 2	0 11	13 5	1 15	29 26	5 42	21 56	0 6	17 45	1 39	24 6	0 20	18 40	1 23	27 48	16 56	18 5	17 50	11 57		n.a.
M 9	18 31	16 2	4 41	11 24	0 19	12 37	1 13	29 24	5 39	21 56	0 6	17 46	1 39	24 6	0 20	18 40	1 23	27 48	16 56	18 2	17 49	11 55		n.a.
T 10	18 16	11 57	4 59	10 46	0 27	12 9	1 12	29 21	5 36	21 56	0 6	17 47	1 39	24 6	0 20	18 40	1 23	27 49	16 56	18 0	17 48	11 53		n.a.
W11	18 0	7 6	4 56	10 8	0 35	11 41	1 10	29 18	5 33	21 56	0 6	17 48	1 39	24 6	0 20	18 40	1 23	27 49	16 56	17 57	17 47	11 51		n.a.
T 12	17 44	1 52	4 33	9 30	0 43	11 12	1 9	29 15	5 30	21 57	0 6	17 49	1 39	24 6	0 20	18 40	1 23	27 50	16 56	17 54	17 46	11 49		n.a.
F 13	17 28	3n21	3 51	8 52	0 51	10 43	1 7	29 12	5 27	21 57	0 6	17 49	1 39	24 6	0 20	18 40	1 23	27 51	16 56	17 52	17 46	11 47		n.a.
S 14	17 11	8 14	2 56	8 15	0 59	10 14	1 5	29 9	5 24	21 57	0 7	17 50	1 40	24 6	0 20	18 40	1 23	27 51	16 57	17 51	17 45	11 45		n.a.
S 15	16 54	12 31	1 53	7 37	1 8	9 45	1 3	29 6	5 21	21 57	0 7	17 51	1 40	24 6	0 20	18 40	1 23	27 52	16 57	17 50	17 44	11 43		n.a.
M16	16 37	16 1	0 45	7 0	1 16	9 15	1 2	29 3	5 18	21 57	0 7	17 52	1 40	24 6	0 20	18 40	1 23	27 52	16 57	17 50	17 43	11 41		n.a.
T 17	16 19	18 37	0s23	6 24	1 24	8 45	1 0	29 0	5 15	21 58	0 7	17 52	1 40	24 6	0 20	18 40	1 23	27 53	16 57	17 50	17 42	11 39		n.a.
W18	16 1	20 13	1 28	5 48	1 33	8 14	0 58	28 57	5 11	21 58	0 7	17 53	1 40	24 6	0 20	18 40	1 23	27 53	16 57	17 50	17 41	11 37		n.a.
T 19	15 43	20 50	2 28	5 12	1 41	7 44	0 56	28 54	5 8	21 58	0 7	17 54	1 40	24 6	0 20	18 40	1 23	27 54	16 57	17 49	17 40	11 35		n.a.
F 20	15 25	20 27	3 20	4 37	1 49	7 13	0 54	28 51	5 5	21 59	0 7	17 54	1 40	24 6	0 20	18 40	1 22	27 54	16 57	17 48	17 39	11 33		n.a.
S 21	15 6	19 8	4 2	4 3	1 57	6 43	0 51	28 48	5 2	21 59	0 7	17 55	1 40	24 6	0 20	18 41	1 22	27 55	16 57	17 46	17 39	11 31		n.a.
S 22	14 47	17 0	4 33	3 29	2 5	6 11	0 49	28 45	4 59	22 0	0 8	17 55	1 40	24 6	0 20	18 41	1 22	27 55	16 57	17 43	17 38	11 29		n.a.
M23	14 28	14 11	4 53	2 56	2 13	5 40	0 47	28 42	4 55	22 0	0 8	17 56	1 41	24 6	0 20	18 41	1 22	27 56	16 57	17 39	17 37	11 27		n.a.
T 24	14 9	10 47	4 59	2 25	2 21	5 9	0 45	28 39	4 52	22 0	0 8	17 56	1 41	24 6	0 20	18 41	1 22	27 56	16 57	17 35	17 36	11 25		n.a.
W25	13 49	6 58	4 53	1 54	2 28	4 37	0 42	28 35	4 49	22 1	0 8	17 57	1 41	24 6	0 20	18 41	1 22	27 57	16 57	17 31	17 35	11 23		n.a.
T 26	13 30	2 52	4 34	1 24	2 36	4 6	0 40	28 32	4 46	22 2	0 8	17 57	1 41	24 6	0 20	18 41	1 22	27 57	16 57	17 27	17 34	11 21		n.a.
F 27	13 9	1s22	4 2	0 56	2 43	3 34	0 38	28 29	4 42	22 2	0 8	17 58	1 41	24 6	0 20	18 41	1 22	27 58	16 57	17 24	17 33	11 19		n.a.
S 28	12 49	5 34	3 20	0 29	2 50	3 2	0 35	28 25	4 39	22 3	0 8	17 58	1 41	24 6	0 20	18 41	1 22	27 58	16 58	17 21	17 32	11 16		n.a.
S 29	12 29	9 36	2 27	0 4	2 56	2 30	0 33	28 22	4 36	22 3	0 8	17 59	1 41	24 6	0 20	18 41	1 22	27 59	16 58	17 20	17 31	11 14		n.a.
M30	12 8	13 18	1 27	0s20	3 3	1 58	0 30	28 18	4 33	22 4	0 8	17 59	1 41	24 6	0 20	18 42	1 22	27 59	16 58	17 19	17 31	11 12		n.a.
T 31	11n47	16s27	0s21	0s41	3s 8	1n26	0n27	28s15	4s30	22s 5	0s 9	17n59	1s41	24n 6	0n20	18s42	1n22	27s59	16s58	17s18	17s30	11n10		n.a.

Julian Day Number = 1484222.5, Delta T = 05h20m08s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'33, Lahiri = -12°55'33 Julian Calendar 1 Aug. 650 BCE == Greg. Calendar 25 July 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

SEPTEMBER 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 10 19	0♍33'05	26♏29	25♍10	28♍42	2♑37	8♐ 1	26♉29	29♊47	28♏10	28°R19	17°R34	18♏10	16♌43	n.a.	W 1
T 2	22 14 16	1°32'22	9♐49	25°42	29°55	2°58	8° 5	26°31	29°49	28°10	28♒18	17♏34	18° 7	16°50	n.a.	T 2
F 3	22 18 12	2°31'41	23°35	26° 9	1♎ 9	3°19	8° 9	26°32	29°51	28°11	28°17	17°32	18° 4	16°56	n.a.	F 3
S 4	22 22 9	3°31'02	7♑48	26°29	2°23	3°41	8°13	26°33	29°53	28°11	28°16	17°29	18° 1	17° 3	n.a.	S 4
S 5	22 26 5	4°30'25	22°27	26°44	3°36	4° 4	8°18	26°35	29°55	28°12	28°14	17°22	17°58	17°10	n.a.	S 5
M 6	22 30 2	5°29'49	7♒27	26°53	4°50	4°27	8°22	26°36	29°57	28°12	28°13	17°14	17°54	17°17	n.a.	M 6
T 7	22 33 58	6°29'16	22°41	26°R54	6° 4	4°50	8°27	26°37	29°59	28°13	28°12	17° 3	17°51	17°23	n.a.	T 7
W 8	22 37 55	7°28'44	7♓58	26°48	7°17	5°14	8°32	26°38	0♋ 1	28°14	28°11	16°53	17°48	17°30	n.a.	W 8
T 9	22 41 51	8°28'15	23° 6	26°34	8°31	5°38	8°37	26°39	0° 3	28°14	28°10	16°44	17°45	17°37	n.a.	T 9
F 10	22 45 48	9°27'48	7♈56	26°12	9°44	6° 3	8°43	26°40	0° 5	28°15	28° 9	16°36	17°42	17°43	n.a.	F 10
S 11	22 49 44	10°27'23	22°20	25°42	10°58	6°28	8°48	26°40	0° 6	28°16	28° 7	16°32	17°38	17°50	n.a.	S 11
S 12	22 53 41	11°27'01	6♉15	25° 3	12°11	6°54	8°54	26°41	0° 8	28°17	28° 6	16°29	17°35	17°57	n.a.	S 12
M13	22 57 38	12°26'41	19°41	24°16	13°25	7°19	9° 0	26°41	0°10	28°18	28° 5	16°D29	17°32	18° 4	n.a.	M13
T 14	23 1 34	13°26'24	2♊40	23°21	14°38	7°46	9° 6	26°42	0°11	28°18	28° 4	16°29	17°29	18°10	n.a.	T 14
W15	23 5 31	14°26'09	15°16	22°19	15°51	8°12	9°12	26°42	0°13	28°19	28° 3	16°R30	17°26	18°17	n.a.	W15
T 16	23 9 27	15°25'56	27°34	21°11	17° 5	8°39	9°18	26°R42	0°15	28°20	28° 2	16°29	17°23	18°24	n.a.	T 16
F 17	23 13 24	16°25'46	9♋39	19°59	18°18	9° 7	9°25	26°42	0°16	28°21	28° 1	16°26	17°19	18°31	n.a.	F 17
S 18	23 17 20	17°25'38	21°35	18°44	19°32	9°35	9°31	26°42	0°17	28°22	27°59	16°21	17°16	18°37	n.a.	S 18
S 19	23 21 17	18°25'32	3♌27	17°29	20°45	10° 3	9°38	26°42	0°19	28°23	27°58	16°13	17°13	18°44	n.a.	S 19
M20	23 25 13	19°25'29	15°18	16°16	21°58	10°31	9°45	26°41	0°20	28°24	27°57	16° 3	17°10	18°51	n.a.	M20
T 21	23 29 10	20°25'27	27°11	15° 7	23°12	11° 0	9°52	26°41	0°21	28°25	27°56	15°52	17° 7	18°57	n.a.	T 21
W22	23 33 7	21°25'28	9♍ 8	14° 4	24°25	11°29	10° 0	26°40	0°23	28°27	27°55	15°41	17° 3	19° 4	n.a.	W22
T 23	23 37 3	22°25'31	21°10	13° 9	25°38	11°58	10° 7	26°39	0°24	28°28	27°54	15°31	17° 0	19°11	n.a.	T 23
F 24	23 41 0	23°25'36	3♎19	12°23	26°51	12°28	10°14	26°39	0°25	28°29	27°53	15°22	16°57	19°18	n.a.	F 24
S 25	23 44 56	24°25'43	15°35	11°49	28° 5	12°58	10°22	26°38	0°26	28°30	27°52	15°16	16°54	19°24	n.a.	S 25
S 26	23 48 53	25°25'52	28° 0	11°25	29°18	13°28	10°30	26°37	0°27	28°31	27°51	15°12	16°51	19°31	n.a.	S 26
M27	23 52 49	26°26'03	10♏36	11°13	0♏31	13°59	10°38	26°35	0°28	28°33	27°50	15°D10	16°48	19°38	n.a.	M27
T 28	23 56 46	27°26'15	23°24	11°D13	1°44	14°30	10°46	26°34	0°29	28°34	27°49	15°10	16°44	19°45	n.a.	T 28
W29	0 0 42	28°26'29	6♐27	11°23	2°57	15° 1	10°54	26°33	0°30	28°35	27°48	15°12	16°41	19°51	n.a.	W29
T 30	0 4 39	29♍26'45	19♐47	11♍44	4♏10	15♑32	11♐ 3	26♉31	0♋31	28♏37	27♒47	15♏13	16♏38	19♌58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	11n26	18s52	0n47	1s 1	3s14	0n54	0n25	28s11	4s26	22s 5	0s 9	18n 0	1s41	24n 7	0n20	18s42	1n22	28s 0	16s58	17s18	17s29	11n 8		n.a.	W 1
T 2	11 5	20 20	1 55	1 18	3 18	0 22	0 22	28 7	4 23	22 6	0 9	18 0	1 42	24 7	0 20	18 42	1 22	28 0	16 58	17 18	17 28	11 6		n.a.	T 2
F 3	10 43	20 39	2 58	1 32	3 22	0s10	0 19	28 4	4 20	22 7	0 9	18 0	1 42	24 7	0 20	18 42	1 22	28 1	16 58	17 18	17 27	11 4		n.a.	F 3
S 4	10 21	19 40	3 53	1 44	3 26	0 42	0 17	28 0	4 17	22 8	0 9	18 0	1 42	24 7	0 20	18 42	1 22	28 1	16 57	17 17	17 26	11 2		n.a.	S 4
S 5	9 59	17 22	4 34	1 52	3 28	1 14	0 14	27 56	4 14	22 9	0 9	18 1	1 42	24 7	0 20	18 43	1 22	28 2	16 57	17 15	17 25	11 0		n.a.	S 5
M 6	9 37	13 52	4 58	1 57	3 30	1 47	0 11	27 52	4 11	22 9	0 9	18 1	1 42	24 7	0 20	18 43	1 22	28 2	16 57	17 13	17 24	10 58		n.a.	M 6
T 7	9 15	9 25	5 0	1 58	3 30	2 19	0 8	27 48	4 7	22 10	0 9	18 1	1 42	24 7	0 20	18 43	1 21	28 2	16 57	17 10	17 23	10 56		n.a.	T 7
W 8	8 53	4 21	4 42	1 55	3 30	2 51	0 5	27 44	4 4	22 11	0 9	18 1	1 42	24 7	0 20	18 43	1 21	28 3	16 57	17 7	17 22	10 54		n.a.	W 8
T 9	8 30	0n57	4 4	1 47	3 27	3 23	0 2	27 40	4 1	22 12	0 9	18 1	1 42	24 7	0 20	18 43	1 21	28 3	16 57	17 4	17 22	10 52		n.a.	T 9
F 10	8 8	6 5	3 10	1 35	3 24	3 55	0s 0	27 36	3 58	22 13	0 10	18 1	1 42	24 7	0 20	18 44	1 21	28 3	16 57	17 2	17 21	10 50		n.a.	F 10
S 11	7 45	10 44	2 5	1 18	3 19	4 27	0 3	27 31	3 55	22 14	0 10	18 1	1 43	24 7	0 20	18 44	1 21	28 4	16 57	17 1	17 20	10 48		n.a.	S 11
S 12	7 22	14 38	0 54	0 56	3 12	4 59	0 6	27 27	3 52	22 15	0 10	18 1	1 43	24 7	0 20	18 44	1 21	28 4	16 57	17 0	17 19	10 46		n.a.	S 12
M13	6 59	17 38	0s17	0 29	3 3	5 30	0 9	27 23	3 49	22 16	0 10	18 1	1 43	24 7	0 21	18 44	1 21	28 5	16 57	17 0	17 18	10 44		n.a.	M13
T 14	6 36	19 35	1 25	0n 3	2 52	6 2	0 12	27 18	3 46	22 17	0 10	18 1	1 43	24 7	0 21	18 45	1 21	28 5	16 57	17 0	17 17	10 42		n.a.	T 14
W15	6 13	20 30	2 27	0 39	2 39	6 34	0 15	27 13	3 43	22 18	0 10	18 1	1 43	24 7	0 21	18 45	1 21	28 5	16 57	17 0	17 16	10 40		n.a.	W15
T 16	5 49	20 24	3 21	1 20	2 25	7 5	0 18	27 9	3 40	22 19	0 10	18 1	1 43	24 7	0 21	18 45	1 21	28 6	16 57	17 0	17 15	10 38		n.a.	T 16
F 17	5 26	19 21	4 5	2 4	2 8	7 36	0 21	27 4	3 37	22 20	0 10	18 1	1 43	24 7	0 21	18 45	1 21	28 6	16 57	16 59	17 14	10 36		n.a.	F 17
S 18	5 2	17 27	4 37	2 50	1 50	8 7	0 24	26 59	3 34	22 21	0 10	18 1	1 43	24 7	0 21	18 46	1 21	28 6	16 56	16 57	17 13	10 34		n.a.	S 18
S 19	4 38	14 50	4 57	3 37	1 31	8 38	0 28	26 54	3 31	22 23	0 10	18 1	1 43	24 7	0 21	18 46	1 21	28 7	16 56	16 55	17 12	10 32		n.a.	S 19
M20	4 15	11 37	5 4	4 24	1 11	9 9	0 31	26 49	3 28	22 24	0 11	18 0	1 44	24 7	0 21	18 46	1 21	28 7	16 56	16 52	17 12	10 30		n.a.	M20
T 21	3 51	7 57	4 59	5 10	0 50	9 39	0 34	26 43	3 26	22 25	0 11	18 0	1 44	24 7	0 21	18 46	1 21	28 7	16 56	16 49	17 11	10 28		n.a.	T 21
W22	3 27	3 56	4 40	5 54	0 30	10 9	0 37	26 38	3 23	22 26	0 11	18 0	1 44	24 7	0 21	18 47	1 21	28 7	16 56	16 46	17 10	10 26		n.a.	W22
T 23	3 3	0s15	4 8	6 34	0 10	10 40	0 40	26 33	3 20	22 27	0 11	18 0	1 44	24 7	0 21	18 47	1 21	28 8	16 56	16 43	17 9	10 24		n.a.	T 23
F 24	2 39	4 28	3 25	7 9	0n10	11 9	0 43	26 27	3 17	22 29	0 11	17 59	1 44	24 7	0 21	18 47	1 21	28 8	16 56	16 40	17 8	10 22		n.a.	F 24
S 25	2 15	8 33	2 32	7 40	0 28	11 39	0 46	26 21	3 14	22 30	0 11	17 59	1 44	24 7	0 21	18 48	1 21	28 8	16 56	16 38	17 7	10 20		n.a.	S 25
S 26	1 50	12 20	1 31	8 5	0 45	12 8	0 49	26 15	3 12	22 31	0 11	17 59	1 44	24 7	0 21	18 48	1 20	28 8	16 55	16 37	17 6	10 17		n.a.	S 26
M27	1 26	15 36	0 25	8 24	1 1	12 37	0 52	26 9	3 9	22 32	0 11	17 58	1 44	24 7	0 21	18 48	1 20	28 9	16 55	16 37	17 5	10 15		n.a.	M27
T 28	1 2	18 10	0n44	8 37	1 15	13 6	0 55	26 3	3 6	22 33	0 11	17 58	1 44	24 7	0 21	18 49	1 20	28 9	16 55	16 37	17 4	10 13		n.a.	T 28
W29	0 38	19 50	1 52	8 44	1 27	13 34	0 58	25 57	3 3	22 35	0 11	17 58	1 44	24 7	0 21	18 49	1 20	28 9	16 55	16 37	17 3	10 11		n.a.	W29
T 30	0n13	20s27	2n56	8n46	1n38	14s 2	1s 1	25s51	3s 1	22s36	0s12	17n57	1s45	24n 7	0n21	18s49	1n20	28s 9	16s55	16s37	17s 2	10n 9		n.a.	T 30

Julian Day Number = 1484253.5, Delta T = 05h20m06s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'29, Lahiri = -12°55'29 Julian Calendar 1 Sept. 650 BCE == Greg. Calendar 25 Aug. 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

OCTOBER 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 8 35	0♎27'02	3♑28	12♍15	5♏23	16♑ 4	11♐11	26°R30	0♋31	28♏38	27°R46	15°R13	16♏35	20♌ 5	n.a.	F 1
S 2	0 12 32	1°27'22	17°28	12°54	6°36	16°36	11°20	26♉28	0°32	28°39	27♒45	15♏12	16°32	20°11	n.a.	S 2
S 3	0 16 29	2°27'42	1♒50	13°42	7°49	17° 8	11°29	26°26	0°33	28°41	27°44	15° 9	16°29	20°18	n.a.	S 3
M 4	0 20 25	3°28'04	16°29	14°37	9° 2	17°41	11°38	26°24	0°33	28°42	27°43	15° 4	16°25	20°25	n.a.	M 4
T 5	0 24 22	4°28'28	1♓21	15°38	10°15	18°13	11°47	26°22	0°34	28°44	27°42	14°58	16°22	20°32	n.a.	T 5
W 6	0 28 18	5°28'53	16°18	16°44	11°28	18°46	11°56	26°20	0°34	28°45	27°41	14°52	16°19	20°38	n.a.	W 6
T 7	0 32 15	6°29'20	1♈11	17°55	12°41	19°19	12° 6	26°18	0°35	28°47	27°40	14°46	16°16	20°45	n.a.	T 7
F 8	0 36 11	7°29'48	15°52	19°11	13°54	19°52	12°15	26°16	0°35	28°48	27°39	14°42	16°13	20°52	n.a.	F 8
S 9	0 40 8	8°30'19	0♉14	20°29	15° 6	20°26	12°25	26°13	0°35	28°50	27°38	14°39	16° 9	20°58	n.a.	S 9
S 10	0 44 4	9°30'51	14°10	21°51	16°19	20°59	12°34	26°11	0°35	28°52	27°38	14°D38	16° 6	21° 5	n.a.	S 10
M11	0 48 1	10°31'25	27°41	23°15	17°32	21°33	12°44	26° 8	0°36	28°53	27°37	14°39	16° 3	21°12	n.a.	M11
T 12	0 51 58	11°32'01	10♊46	24°41	18°45	22° 7	12°54	26° 5	0°36	28°55	27°36	14°40	16° 0	21°19	n.a.	T 12
W13	0 55 54	12°32'39	23°28	26° 9	19°57	22°41	13° 4	26° 2	0°36	28°57	27°35	14°42	15°57	21°25	n.a.	W13
T 14	0 59 51	13°33'19	5♋50	27°39	21°10	23°16	13°14	25°59	0°R36	28°58	27°34	14°43	15°54	21°32	n.a.	T 14
F 15	1 3 47	14°34'00	17°58	29° 9	22°22	23°50	13°25	25°56	0°36	29° 0	27°34	14°R43	15°50	21°39	n.a.	F 15
S 16	1 7 44	15°34'44	29°56	0♎41	23°35	24°25	13°35	25°53	0°36	29° 2	27°33	14°42	15°47	21°46	n.a.	S 16
S 17	1 11 40	16°35'29	11♌48	2°13	24°47	25° 0	13°45	25°50	0°36	29° 4	27°32	14°40	15°44	21°52	n.a.	S 17
M18	1 15 37	17°36'16	23°40	3°46	26° 0	25°35	13°56	25°47	0°35	29° 5	27°31	14°36	15°41	21°59	n.a.	M18
T 19	1 19 33	18°37'04	5♍34	5°19	27°12	26°10	14° 7	25°43	0°35	29° 7	27°31	14°32	15°38	22° 6	n.a.	T 19
W20	1 23 30	19°37'54	17°35	6°53	28°24	26°45	14°18	25°40	0°35	29° 9	27°30	14°27	15°34	22°12	n.a.	W20
T 21	1 27 27	20°38'46	29°45	8°27	29°37	27°20	14°28	25°36	0°34	29°11	27°29	14°23	15°31	22°19	n.a.	T 21
F 22	1 31 23	21°39'39	12♎ 5	10° 1	0♐49	27°56	14°39	25°33	0°34	29°13	27°29	14°20	15°28	22°26	n.a.	F 22
S 23	1 35 20	22°40'34	24°37	11°35	2° 1	28°32	14°51	25°29	0°34	29°15	27°28	14°17	15°25	22°33	n.a.	S 23
S 24	1 39 16	23°41'29	7♏20	13° 9	3°13	29° 8	15° 2	25°25	0°33	29°17	27°28	14°16	15°22	22°39	n.a.	S 24
M25	1 43 13	24°42'27	20°17	14°44	4°25	29°44	15°13	25°21	0°32	29°18	27°27	14°D16	15°19	22°46	n.a.	M25
T 26	1 47 9	25°43'25	3♐25	16°18	5°37	0♒20	15°25	25°17	0°32	29°20	27°26	14°17	15°15	22°53	n.a.	T 26
W27	1 51 6	26°44'24	16°46	17°53	6°49	0°56	15°36	25°13	0°31	29°22	27°26	14°18	15°12	23° 0	n.a.	W27
T 28	1 55 2	27°45'24	0♑20	19°27	8° 1	1°32	15°48	25° 9	0°30	29°24	27°25	14°19	15° 9	23° 6	n.a.	T 28
F 29	1 58 59	28°46'25	14° 7	21° 1	9°13	2° 9	15°59	25° 5	0°30	29°26	27°25	14°20	15° 6	23°13	n.a.	F 29
S 30	2 2 56	29°47'27	28° 5	22°36	10°25	2°46	16°11	25° 1	0°29	29°28	27°24	14°R21	15° 3	23°20	n.a.	S 30
S 31	2 6 52	0♏48'30	12♒15	24♎10	11♐36	3♒22	16♐23	24♉57	0♋28	29♏30	27♒24	14♏21	15♏ 0	23♌26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s11	19s52	3n51	8n42	1n47	14s30	1s 4	25s44	2s58	22s37	0s12	17n57	1s45	24n 7	0n21	18s50	1n20	28s 9	16s54	16s38	17s 2	10n 7		n.a.
S 2	0 35	18 5	4 34	8 33	1 54	14 57	1 7	25 38	2 56	22 39	0 12	17 56	1 45	24 7	0 21	18 50	1 20	28 10	16 54	16 37	17 1	10 5		n.a.
S 3	1 0	15 8	5 1	8 20	2 0	15 25	1 10	25 31	2 53	22 40	0 12	17 56	1 45	24 7	0 21	18 50	1 20	28 10	16 54	16 36	17 0	10 3		n.a.
M 4	1 24	11 12	5 9	8 3	2 5	15 51	1 13	25 24	2 50	22 41	0 12	17 55	1 45	24 7	0 21	18 51	1 20	28 10	16 54	16 35	16 59	10 1		n.a.
T 5	1 48	6 31	4 57	7 42	2 8	16 17	1 16	25 17	2 48	22 43	0 12	17 55	1 45	24 7	0 21	18 51	1 20	28 10	16 54	16 33	16 58	9 59		n.a.
W 6	2 12	1 25	4 24	7 18	2 11	16 43	1 18	25 10	2 45	22 44	0 12	17 54	1 45	24 7	0 21	18 52	1 20	28 10	16 53	16 31	16 57	9 57		n.a.
T 7	2 37	3n45	3 34	6 51	2 12	17 9	1 21	25 3	2 43	22 45	0 12	17 54	1 45	24 7	0 21	18 52	1 20	28 10	16 53	16 29	16 56	9 55		n.a.
F 8	3 1	8 38	2 30	6 22	2 12	17 34	1 24	24 55	2 40	22 47	0 12	17 53	1 45	24 7	0 21	18 52	1 20	28 10	16 53	16 28	16 55	9 53		n.a.
S 9	3 25	12 55	1 18	5 50	2 11	17 58	1 27	24 48	2 38	22 48	0 12	17 52	1 45	24 7	0 21	18 53	1 20	28 10	16 53	16 27	16 54	9 51		n.a.
S 10	3 49	16 21	0 3	5 16	2 10	18 22	1 29	24 40	2 35	22 49	0 12	17 52	1 45	24 8	0 21	18 53	1 20	28 11	16 52	16 27	16 53	9 49		n.a.
M11	4 13	18 46	1s11	4 40	2 8	18 46	1 32	24 32	2 33	22 51	0 13	17 51	1 45	24 8	0 21	18 53	1 20	28 11	16 52	16 27	16 52	9 47		n.a.
T 12	4 37	20 6	2 18	4 3	2 5	19 9	1 35	24 24	2 31	22 52	0 13	17 50	1 45	24 8	0 21	18 54	1 20	28 11	16 52	16 28	16 51	9 45		n.a.
W13	5 1	20 20	3 16	3 25	2 2	19 32	1 37	24 16	2 28	22 54	0 13	17 49	1 46	24 8	0 21	18 54	1 20	28 11	16 52	16 28	16 50	9 43		n.a.
T 14	5 25	19 35	4 4	2 45	1 58	19 54	1 40	24 8	2 26	22 55	0 13	17 49	1 46	24 8	0 21	18 55	1 20	28 11	16 51	16 29	16 49	9 40		n.a.
F 15	5 49	17 55	4 40	2 5	1 54	20 16	1 42	23 59	2 23	22 56	0 13	17 48	1 46	24 8	0 21	18 55	1 20	28 11	16 51	16 29	16 49	9 38		n.a.
S 16	6 13	15 31	5 3	1 24	1 49	20 37	1 45	23 51	2 21	22 58	0 13	17 47	1 46	24 8	0 21	18 56	1 20	28 11	16 51	16 28	16 48	9 36		n.a.
S 17	6 37	12 29	5 13	0 42	1 44	20 58	1 47	23 42	2 19	22 59	0 13	17 46	1 46	24 8	0 21	18 56	1 20	28 11	16 51	16 28	16 47	9 34		n.a.
M18	7 0	8 57	5 9	0s 0	1 39	21 18	1 50	23 33	2 17	23 0	0 13	17 45	1 46	24 8	0 22	18 56	1 20	28 11	16 50	16 27	16 46	9 32		n.a.
T 19	7 24	5 4	4 52	0 43	1 34	21 37	1 52	23 24	2 14	23 2	0 13	17 45	1 46	24 8	0 22	18 57	1 19	28 11	16 50	16 25	16 45	9 30		n.a.
W20	7 47	0 57	4 23	1 25	1 28	21 56	1 54	23 15	2 12	23 3	0 13	17 44	1 46	24 8	0 22	18 57	1 19	28 11	16 50	16 24	16 44	9 28		n.a.
T 21	8 10	3s16	3 41	2 8	1 22	22 14	1 56	23 6	2 10	23 5	0 13	17 43	1 46	24 8	0 22	18 58	1 19	28 11	16 49	16 23	16 43	9 26		n.a.
F 22	8 33	7 25	2 48	2 51	1 16	22 32	1 58	22 57	2 8	23 6	0 13	17 42	1 46	24 8	0 22	18 58	1 19	28 11	16 49	16 22	16 42	9 24		n.a.
S 23	8 56	11 18	1 46	3 34	1 10	22 49	2 0	22 47	2 5	23 7	0 14	17 41	1 46	24 8	0 22	18 59	1 19	28 11	16 49	16 21	16 41	9 22		n.a.
S 24	9 19	14 45	0 38	4 17	1 4	23 5	2 2	22 38	2 3	23 9	0 14	17 40	1 46	24 8	0 22	18 59	1 19	28 11	16 49	16 20	16 40	9 20		n.a.
M25	9 42	17 32	0n33	5 0	0 57	23 21	2 4	22 28	2 1	23 10	0 14	17 39	1 46	24 8	0 22	19 0	1 19	28 11	16 48	16 20	16 39	9 18		n.a.
T 26	10 5	19 26	1 44	5 43	0 51	23 36	2 6	22 18	1 59	23 11	0 14	17 38	1 46	24 8	0 22	19 0	1 19	28 11	16 48	16 21	16 38	9 16		n.a.
W27	10 27	20 17	2 50	6 26	0 44	23 51	2 8	22 8	1 57	23 13	0 14	17 37	1 46	24 8	0 22	19 0	1 19	28 10	16 48	16 21	16 37	9 14		n.a.
T 28	10 49	19 58	3 48	7 8	0 37	24 5	2 9	21 58	1 55	23 14	0 14	17 36	1 46	24 8	0 22	19 1	1 19	28 10	16 47	16 22	16 36	9 12		n.a.
F 29	11 11	18 29	4 34	7 51	0 31	24 18	2 11	21 47	1 53	23 15	0 14	17 35	1 46	24 8	0 22	19 1	1 19	28 10	16 47	16 22	16 35	9 9		n.a.
S 30	11 33	15 52	5 4	8 32	0 24	24 30	2 12	21 37	1 51	23 17	0 14	17 34	1 46	24 8	0 22	19 2	1 19	28 10	16 47	16 22	16 34	9 7		n.a.
S 31	11s55	12s18	5n16	9s14	0n17	24s42	2s14	21s26	1s49	23s18	0s14	17n33	1s46	24n 8	0n22	19s 2	1n19	28s10	16s46	16s22	16s34	9n 5		n.a.

Julian Day Number = 1484283.5, Delta T = 05h20m05s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'25, Lahiri = -12°55'24 Julian Calendar 1 Oct. 650 BCE == Greg. Calendar 24 Sept. 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

NOVEMBER 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 10 49	1♏49'33	26♒34	25♎44	12♐48	3♒59	16♐35	24°R52	0°R27	29♏33	27°R24	14°R20	14♏56	23♌33	n.a.	M 1
T 2	2 14 45	2°50'37	11♓ 0	27°19	14° 0	4°36	16°47	24♉48	0♋26	29°35	27♒23	14♏19	14°53	23°40	n.a.	T 2
W 3	2 18 42	3°51'42	25°28	28°53	15°11	5°13	16°59	24°43	0°25	29°37	27°23	14°17	14°50	23°47	n.a.	W 3
T 4	2 22 38	4°52'47	9♈53	0♏27	16°23	5°50	17°11	24°39	0°24	29°39	27°22	14°16	14°47	23°53	n.a.	T 4
F 5	2 26 35	5°53'53	24° 9	2° 1	17°34	6°27	17°23	24°34	0°23	29°41	27°22	14°15	14°44	24° 0	n.a.	F 5
S 6	2 30 31	6°55'00	8♉12	3°35	18°45	7° 5	17°36	24°30	0°21	29°43	27°22	14°D15	14°40	24° 7	n.a.	S 6
S 7	2 34 28	7°56'08	21°58	5°10	19°56	7°42	17°48	24°25	0°20	29°45	27°22	14°15	14°37	24°13	n.a.	S 7
M 8	2 38 25	8°57'17	5♊24	6°44	21° 7	8°20	18° 1	24°20	0°19	29°47	27°21	14°15	14°34	24°20	n.a.	M 8
T 9	2 42 21	9°58'26	18°28	8°18	22°18	8°57	18°13	24°16	0°17	29°49	27°21	14°15	14°31	24°27	n.a.	T 9
W10	2 46 18	10°59'37	1♋13	9°53	23°29	9°35	18°26	24°11	0°16	29°52	27°21	14°16	14°28	24°34	n.a.	W10
T 11	2 50 14	12° 0'48	13°39	11°27	24°40	10°13	18°38	24° 6	0°15	29°54	27°21	14°16	14°25	24°40	n.a.	T 11
F 12	2 54 11	13° 2'00	25°50	13° 2	25°50	10°50	18°51	24° 1	0°13	29°56	27°20	14°16	14°21	24°47	n.a.	F 12
S 13	2 58 7	14° 3'13	7♌50	14°36	27° 1	11°28	19° 4	23°56	0°12	29°58	27°20	14°16	14°18	24°54	n.a.	S 13
S 14	3 2 4	15° 4'27	19°44	16°11	28°12	12° 6	19°17	23°51	0°10	0♐ 0	27°20	14°16	14°15	25° 1	n.a.	S 14
M15	3 6 0	16° 5'42	1♍36	17°46	29°22	12°44	19°30	23°46	0° 8	0° 3	27°20	14°16	14°12	25° 7	n.a.	M15
T 16	3 9 57	17° 6'57	13°31	19°21	0♎32	13°22	19°43	23°41	0° 7	0° 5	27°20	14°17	14° 9	25°14	n.a.	T 16
W17	3 13 54	18° 8'13	25°34	20°57	1°42	14° 0	19°56	23°37	0° 5	0° 7	27°20	14°17	14° 6	25°21	n.a.	W17
T 18	3 17 50	19° 9'29	7♎48	22°32	2°52	14°38	20° 9	23°32	0° 3	0° 9	27°20	14°18	14° 2	25°27	n.a.	T 18
F 19	3 21 47	20°10'46	20°16	24° 8	4° 2	15°17	20°22	23°27	0° 2	0°11	27°D20	14°18	13°59	25°34	n.a.	F 19
S 20	3 25 43	21°12'04	3♏ 1	25°44	5°12	15°55	20°35	23°22	29♊59	0°14	27°20	14°19	13°56	25°41	n.a.	S 20
S 21	3 29 40	22°13'22	16° 3	27°20	6°22	16°33	20°49	23°17	29°58	0°16	27°20	14°R19	13°53	25°48	n.a.	S 21
M22	3 33 36	23°14'40	29°23	28°56	7°31	17°12	21° 2	23°12	29°56	0°18	27°20	14°18	13°50	25°54	n.a.	M22
T 23	3 37 33	24°15'58	12♐58	0♐33	8°41	17°50	21°15	23° 7	29°54	0°21	27°20	14°18	13°46	26° 1	n.a.	T 23
W24	3 41 29	25°17'17	26°48	2°10	9°50	18°29	21°29	23° 2	29°52	0°23	27°20	14°16	13°43	26° 8	n.a.	W24
T 25	3 45 26	26°18'35	10♑47	3°47	10°59	19° 7	21°42	22°57	29°50	0°25	27°20	14°15	13°40	26°14	n.a.	T 25
F 26	3 49 23	27°19'53	24°54	5°24	12° 8	19°46	21°56	22°52	29°48	0°27	27°21	14°13	13°37	26°21	n.a.	F 26
S 27	3 53 19	28°21'11	9♒ 5	7° 1	13°17	20°25	22° 9	22°47	29°46	0°30	27°21	14°12	13°34	26°28	n.a.	S 27
S 28	3 57 16	29°22'29	23°17	8°39	14°25	21° 3	22°23	22°42	29°44	0°32	27°21	14°D11	13°31	26°35	n.a.	S 28
M29	4 1 12	0♐23'46	7♓28	10°17	15°34	21°42	22°37	22°37	29°42	0°34	27°21	14°11	13°27	26°41	n.a.	M29
T 30	4 5 9	1♐25'03	21♓35	11♐54	16♑42	22♒21	22♐50	22♉32	29♊39	0♐36	27♒21	14♏12	13♏24	26♌48	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s16	7s59	5n 9	9s55	0n11	24s53	2s15	21s15	1s47	23s19	0s14	17n32	1s46	24n 8	0n22	19s 3	1n19	28s10	16s46	16s22	16s33	9n 3		n.a.
T 2	12 38	3 11	4 43	10 36	0 4	25 3	2 16	21 4	1 45	23 21	0 14	17 31	1 46	24 8	0 22	19 3	1 19	28 10	16 46	16 21	16 32	9 1		n.a.
W 3	12 59	1n49	3 59	11 16	0s 3	25 13	2 18	20 53	1 43	23 22	0 15	17 30	1 46	24 8	0 22	19 4	1 19	28 9	16 45	16 21	16 31	8 59		n.a.
T 4	13 20	6 42	2 59	11 56	0 9	25 22	2 19	20 42	1 41	23 23	0 15	17 29	1 46	24 8	0 22	19 4	1 19	28 9	16 45	16 20	16 30	8 57		n.a.
F 5	13 40	11 11	1 49	12 35	0 16	25 30	2 20	20 31	1 39	23 24	0 15	17 28	1 46	24 8	0 22	19 5	1 19	28 9	16 45	16 20	16 29	8 55		n.a.
S 6	14 1	14 58	0 33	13 14	0 22	25 37	2 21	20 19	1 37	23 26	0 15	17 27	1 46	24 8	0 22	19 5	1 19	28 9	16 44	16 20	16 28	8 53		n.a.
S 7	14 21	17 49	0s43	13 52	0 29	25 44	2 21	20 8	1 35	23 27	0 15	17 26	1 46	24 8	0 22	19 6	1 19	28 9	16 44	16 20	16 27	8 51		n.a.
M 8	14 41	19 37	1 55	14 30	0 35	25 50	2 22	19 56	1 33	23 28	0 15	17 24	1 46	24 8	0 22	19 6	1 19	28 8	16 44	16 20	16 26	8 49		n.a.
T 9	15 1	20 18	2 59	15 7	0 41	25 55	2 23	19 44	1 32	23 29	0 15	17 23	1 46	24 8	0 22	19 7	1 19	28 8	16 43	16 20	16 25	8 47		n.a.
W10	15 20	19 54	3 52	15 43	0 47	26 0	2 23	19 32	1 30	23 31	0 15	17 22	1 46	24 8	0 22	19 7	1 19	28 8	16 43	16 20	16 24	8 45		n.a.
T 11	15 39	18 32	4 33	16 19	0 53	26 3	2 24	19 20	1 28	23 32	0 15	17 21	1 46	24 8	0 22	19 8	1 19	28 8	16 43	16 21	16 23	8 43		n.a.
F 12	15 58	16 21	5 1	16 54	0 59	26 6	2 24	19 8	1 26	23 33	0 15	17 20	1 46	24 8	0 22	19 8	1 19	28 7	16 42	16 21	16 22	8 40		n.a.
S 13	16 17	13 29	5 15	17 28	1 5	26 8	2 24	18 56	1 24	23 34	0 15	17 19	1 46	24 8	0 22	19 9	1 19	28 7	16 42	16 21	16 21	8 38		n.a.
S 14	16 35	10 6	5 16	18 2	1 10	26 10	2 24	18 43	1 23	23 35	0 15	17 17	1 46	24 9	0 22	19 9	1 19	28 7	16 42	16 21	16 20	8 36		n.a.
M15	16 53	6 20	5 3	18 34	1 15	26 10	2 24	18 31	1 21	23 36	0 16	17 16	1 46	24 9	0 22	19 10	1 19	28 7	16 41	16 21	16 19	8 34		n.a.
T 16	17 11	2 19	4 37	19 6	1 21	26 10	2 24	18 18	1 19	23 38	0 16	17 15	1 46	24 9	0 22	19 10	1 19	28 6	16 41	16 21	16 18	8 32		n.a.
W17	17 28	1s51	3 59	19 37	1 26	26 9	2 24	18 5	1 17	23 39	0 16	17 14	1 45	24 9	0 22	19 11	1 19	28 6	16 40	16 21	16 17	8 30		n.a.
T 18	17 45	6 1	3 9	20 7	1 30	26 8	2 24	17 52	1 16	23 40	0 16	17 13	1 45	24 9	0 22	19 11	1 19	28 6	16 40	16 21	16 16	8 28		n.a.
F 19	18 2	10 1	2 9	20 36	1 35	26 6	2 23	17 39	1 14	23 41	0 16	17 12	1 45	24 9	0 22	19 12	1 19	28 5	16 40	16 21	16 15	8 26		n.a.
S 20	18 19	13 40	1 2	21 4	1 39	26 2	2 22	17 26	1 12	23 42	0 16	17 10	1 45	24 9	0 22	19 12	1 19	28 5	16 39	16 21	16 14	8 24		n.a.
S 21	18 35	16 43	0n10	21 31	1 43	25 59	2 22	17 13	1 11	23 43	0 16	17 9	1 45	24 9	0 22	19 13	1 19	28 5	16 39	16 21	16 13	8 22		n.a.
M22	18 50	18 57	1 23	21 57	1 47	25 54	2 21	17 0	1 9	23 44	0 16	17 8	1 45	24 9	0 22	19 13	1 19	28 4	16 39	16 21	16 13	8 20		n.a.
T 23	19 6	20 9	2 32	22 21	1 51	25 49	2 20	16 46	1 8	23 45	0 16	17 7	1 45	24 9	0 22	19 13	1 19	28 4	16 38	16 21	16 12	8 18		n.a.
W24	19 21	20 10	3 34	22 45	1 54	25 43	2 19	16 33	1 6	23 46	0 16	17 6	1 45	24 9	0 22	19 14	1 19	28 4	16 38	16 21	16 11	8 15		n.a.
T 25	19 36	18 56	4 24	23 7	1 57	25 36	2 18	16 19	1 4	23 47	0 16	17 5	1 45	24 9	0 22	19 14	1 19	28 3	16 38	16 20	16 10	8 13		n.a.
F 26	19 50	16 33	4 58	23 28	2 0	25 28	2 17	16 5	1 3	23 48	0 17	17 3	1 45	24 9	0 23	19 15	1 19	28 3	16 37	16 20	16 9	8 11		n.a.
S 27	20 4	13 10	5 15	23 47	2 2	25 20	2 15	15 51	1 1	23 49	0 17	17 2	1 45	24 9	0 23	19 15	1 19	28 2	16 37	16 19	16 8	8 9		n.a.
S 28	20 18	9 2	5 12	24 5	2 4	25 11	2 14	15 37	1 0	23 50	0 17	17 1	1 44	24 9	0 23	19 16	1 19	28 2	16 37	16 19	16 7	8 7		n.a.
M29	20 31	4 24	4 51	24 22	2 5	25 2	2 12	15 23	0 58	23 51	0 17	17 0	1 44	24 9	0 23	19 16	1 19	28 2	16 36	16 19	16 6	8 5		n.a.
T 30	20s44	0n28	4n11	24s37	2s 6	24s52	2s10	15s 9	0s57	23s51	0s17	16n59	1s44	24n 9	0n23	19s17	1n18	28s 1	16s36	16s19	16s 5	8n 3		n.a.

Julian Day Number = 1484314.5, Delta T = 05h20m03s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'21, Lahiri = -12°55'20 Julian Calendar 1 Nov. 650 BCE == Greg. Calendar 25 Oct. 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 650 BCE
geocentric

DECEMBER 650 BCE (-649) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 9 5	2♐26'19	5♈37	13♐32	17♉50	23♒ 0	23♐ 4	22°R27	29°R37	0♐39	27♒22	14♏13	13♏21	26♌55	n.a.	W 1
T 2	4 13 2	3°27'35	19°32	15°10	18°58	23°39	23°18	22♉22	29♊35	0°41	27°22	14°15	13°18	27° 1	n.a.	T 2
F 3	4 16 59	4°28'50	3♉19	16°47	20° 6	24°18	23°32	22°17	29°33	0°43	27°22	14°16	13°15	27° 8	n.a.	F 3
S 4	4 20 55	5°30'05	16°54	18°24	21°13	24°57	23°45	22°12	29°30	0°45	27°23	14°R16	13°12	27°15	n.a.	S 4
S 5	4 24 52	6°31'20	0♊18	20° 1	22°21	25°35	23°59	22° 8	29°28	0°48	27°23	14°15	13° 8	27°22	n.a.	S 5
M 6	4 28 48	7°32'34	13°27	21°38	23°28	26°14	24°13	22° 3	29°26	0°50	27°23	14°13	13° 5	27°28	n.a.	M 6
T 7	4 32 45	8°33'48	26°21	23°13	24°35	26°54	24°27	21°58	29°23	0°52	27°24	14°10	13° 2	27°35	n.a.	T 7
W 8	4 36 41	9°35'02	9♋ 0	24°48	25°41	27°33	24°41	21°53	29°21	0°55	27°24	14° 6	12°59	27°42	n.a.	W 8
T 9	4 40 38	10°36'15	21°24	26°22	26°48	28°12	24°55	21°49	29°18	0°57	27°25	14° 1	12°56	27°49	n.a.	T 9
F 10	4 44 34	11°37'28	3♌35	27°54	27°54	28°51	25° 9	21°44	29°16	0°59	27°25	13°57	12°52	27°55	n.a.	F 10
S 11	4 48 31	12°38'40	15°36	29°25	29° 0	29°30	25°23	21°40	29°13	1° 1	27°26	13°53	12°49	28° 2	n.a.	S 11
S 12	4 52 28	13°39'53	27°30	0♍53	0♒ 5	0♓ 9	25°37	21°35	29°11	1° 4	27°26	13°50	12°46	28° 9	n.a.	S 12
M13	4 56 24	14°41'04	9♍22	2°19	1°11	0°48	25°51	21°31	29° 8	1° 6	27°27	13°49	12°43	28°15	n.a.	M13
T 14	5 0 21	15°42'16	21°16	3°41	2°16	1°27	26° 5	21°27	29° 6	1° 8	27°28	13°D49	12°40	28°22	n.a.	T 14
W15	5 4 17	16°43'27	3♎17	5° 0	3°21	2° 7	26°20	21°22	29° 3	1°10	27°28	13°50	12°37	28°29	n.a.	W15
T 16	5 8 14	17°44'37	15°30	6°15	4°25	2°46	26°34	21°18	29° 1	1°12	27°29	13°51	12°33	28°36	n.a.	T 16
F 17	5 12 10	18°45'47	28° 0	7°24	5°29	3°25	26°48	21°14	28°58	1°15	27°29	13°53	12°30	28°42	n.a.	F 17
S 18	5 16 7	19°46'56	10♏51	8°28	6°33	4° 4	27° 2	21°10	28°56	1°17	27°30	13°R54	12°27	28°49	n.a.	S 18
S 19	5 20 3	20°48'05	24° 5	9°25	7°37	4°44	27°16	21° 6	28°53	1°19	27°31	13°54	12°24	28°56	n.a.	S 19
M20	5 24 0	21°49'13	7♐42	10°15	8°40	5°23	27°30	21° 2	28°51	1°21	27°31	13°51	12°21	29° 2	n.a.	M20
T 21	5 27 57	22°50'20	21°41	10°56	9°43	6° 2	27°45	20°58	28°48	1°23	27°32	13°47	12°17	29° 9	n.a.	T 21
W22	5 31 53	23°51'27	5♍58	11°28	10°46	6°42	27°59	20°54	28°45	1°25	27°33	13°41	12°14	29°16	n.a.	W22
T 23	5 35 50	24°52'32	20°29	11°50	11°48	7°21	28°13	20°51	28°43	1°28	27°34	13°35	12°11	29°23	n.a.	T 23
F 24	5 39 46	25°53'36	5♒ 5	12° 1	12°50	8° 0	28°27	20°47	28°40	1°30	27°35	13°28	12° 8	29°29	n.a.	F 24
S 25	5 43 43	26°54'39	19°40	12°R 2	13°51	8°40	28°41	20°43	28°38	1°32	27°35	13°22	12° 5	29°36	n.a.	S 25
S 26	5 47 39	27°55'40	4♓ 8	11°51	14°52	9°19	28°56	20°40	28°35	1°34	27°36	13°18	12° 2	29°43	n.a.	S 26
M27	5 51 36	28°56'40	18°25	11°29	15°53	9°58	29°10	20°37	28°32	1°36	27°37	13°15	11°58	29°49	n.a.	M27
T 28	5 55 33	29°57'38	2♈29	10°55	16°53	10°38	29°24	20°33	28°30	1°38	27°38	13°D15	11°55	29°56	n.a.	T 28
W29	5 59 29	0♉58'35	16°18	10°12	17°52	11°17	29°38	20°30	28°27	1°40	27°39	13°16	11°52	0♍ 3	n.a.	W29
T 30	6 3 26	1°59'30	29°54	9°19	18°52	11°57	29°53	20°27	28°24	1°42	27°40	13°17	11°49	0°10	n.a.	T 30
F 31	6 7 22	3♉ 0'24	13♉16	8♉18	19♒50	12♓36	0♉ 7	20♉24	28♊22	1♐44	27♒41	13°R18	11♏46	0♍16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s56	5n16	3n17	24s51	2s 7	24s41	2s 8	14s55	0s55	23s52	0s17	16n58	1s44	24n 9	0n23	19s17	1n18	28s 1	16s35	16s20	16s 4	8n 1			n.a.
T 2	21 8	9 47	2 12	25 2	2 7	24 29	2 6	14 40	0 54	23 53	0 17	16 57	1 44	24 9	0 23	19 18	1 18	28 0	16 35	16 20	16 3	7 59			n.a.
F 3	21 20	13 44	1 0	25 13	2 7	24 17	2 4	14 26	0 52	23 54	0 17	16 55	1 44	24 9	0 23	19 18	1 18	28 0	16 35	16 20	16 2	7 57			n.a.
S 4	21 31	16 53	0s15	25 21	2 6	24 4	2 2	14 11	0 51	23 55	0 17	16 54	1 44	24 9	0 23	19 19	1 18	27 59	16 34	16 20	16 1	7 55			n.a.
S 5	21 42	19 5	1 27	25 28	2 5	23 51	1 59	13 57	0 50	23 55	0 17	16 53	1 44	24 9	0 23	19 19	1 18	27 59	16 34	16 20	16 0	7 52			n.a.
M 6	21 52	20 11	2 34	25 33	2 3	23 37	1 56	13 42	0 48	23 56	0 17	16 52	1 43	24 9	0 23	19 20	1 18	27 58	16 34	16 20	15 59	7 50			n.a.
T 7	22 2	20 12	3 31	25 35	2 0	23 22	1 54	13 27	0 47	23 57	0 18	16 51	1 43	24 9	0 23	19 20	1 18	27 58	16 33	16 19	15 58	7 48			n.a.
W 8	22 12	19 12	4 17	25 37	1 57	23 7	1 51	13 12	0 45	23 57	0 18	16 50	1 43	24 9	0 23	19 21	1 18	27 57	16 33	16 17	15 57	7 46			n.a.
T 9	22 21	17 17	4 49	25 36	1 52	22 51	1 48	12 57	0 44	23 58	0 18	16 49	1 43	24 9	0 23	19 21	1 18	27 57	16 33	16 16	15 56	7 44			n.a.
F 10	22 29	14 38	5 8	25 33	1 47	22 35	1 45	12 42	0 43	23 59	0 18	16 48	1 43	24 9	0 23	19 22	1 18	27 56	16 32	16 15	15 55	7 42			n.a.
S 11	22 38	11 24	5 13	25 28	1 42	22 18	1 41	12 27	0 41	23 59	0 18	16 47	1 43	24 9	0 23	19 22	1 18	27 56	16 32	16 13	15 54	7 40			n.a.
S 12	22 45	7 45	5 4	25 21	1 35	22 0	1 38	12 12	0 40	24 0	0 18	16 46	1 42	24 9	0 23	19 23	1 18	27 55	16 32	16 13	15 53	7 38			n.a.
M13	22 53	3 48	4 43	25 13	1 28	21 43	1 34	11 57	0 39	24 0	0 18	16 45	1 42	24 9	0 23	19 23	1 18	27 55	16 31	16 12	15 52	7 36			n.a.
T 14	23 0	0s18	4 9	25 2	1 19	21 24	1 31	11 41	0 37	24 1	0 18	16 44	1 42	24 9	0 23	19 24	1 18	27 54	16 31	16 12	15 51	7 34			n.a.
W15	23 6	4 26	3 24	24 50	1 10	21 5	1 27	11 26	0 36	24 1	0 18	16 43	1 42	24 9	0 23	19 24	1 18	27 54	16 31	16 13	15 50	7 32			n.a.
T 16	23 12	8 28	2 29	24 37	0 59	20 46	1 23	11 10	0 35	24 2	0 18	16 42	1 42	24 9	0 23	19 24	1 18	27 53	16 30	16 13	15 49	7 29			n.a.
F 17	23 17	12 14	1 26	24 21	0 48	20 26	1 19	10 55	0 34	24 2	0 19	16 41	1 41	24 9	0 23	19 25	1 18	27 53	16 30	16 14	15 48	7 27			n.a.
S 18	23 22	15 33	0 17	24 5	0 35	20 6	1 15	10 39	0 32	24 3	0 19	16 40	1 41	24 9	0 23	19 25	1 18	27 52	16 30	16 14	15 47	7 25			n.a.
S 19	23 27	18 10	0n55	23 48	0 22	19 45	1 10	10 23	0 31	24 3	0 19	16 39	1 41	24 9	0 23	19 26	1 18	27 52	16 29	16 14	15 46	7 23			n.a.
M20	23 31	19 50	2 6	23 29	0 7	19 24	1 6	10 8	0 30	24 4	0 19	16 39	1 41	24 9	0 23	19 26	1 18	27 51	16 29	16 13	15 45	7 21			n.a.
T 21	23 34	20 20	3 11	23 10	0n 9	19 2	1 1	9 52	0 29	24 4	0 19	16 38	1 41	24 9	0 23	19 27	1 18	27 51	16 29	16 12	15 44	7 19			n.a.
W22	23 38	19 33	4 5	22 51	0 25	18 41	0 56	9 36	0 27	24 4	0 19	16 37	1 41	24 9	0 23	19 27	1 18	27 50	16 28	16 10	15 43	7 17			n.a.
T 23	23 40	17 30	4 44	22 32	0 42	18 18	0 51	9 20	0 26	24 5	0 19	16 36	1 40	24 9	0 23	19 27	1 18	27 49	16 28	16 8	15 42	7 15			n.a.
F 24	23 42	14 19	5 6	22 13	1 0	17 56	0 46	9 4	0 25	24 5	0 19	16 35	1 40	24 9	0 23	19 28	1 18	27 49	16 28	16 6	15 41	7 13			n.a.
S 25	23 44	10 16	5 7	21 55	1 19	17 33	0 41	8 48	0 24	24 5	0 19	16 35	1 40	24 9	0 23	19 28	1 19	27 48	16 27	16 4	15 40	7 11			n.a.
S 26	23 45	5 39	4 49	21 37	1 37	17 10	0 35	8 32	0 23	24 5	0 19	16 34	1 40	24 9	0 23	19 29	1 19	27 48	16 27	16 3	15 39	7 8			n.a.
M27	23 46	0 46	4 13	21 21	1 56	16 46	0 30	8 16	0 22	24 6	0 20	16 33	1 39	24 9	0 23	19 29	1 19	27 47	16 27	16 2	15 38	7 6			n.a.
T 28	23 46	4n 5	3 22	21 6	2 14	16 22	0 24	8 0	0 21	24 6	0 20	16 33	1 39	24 9	0 23	19 30	1 19	27 46	16 26	16 2	15 37	7 4			n.a.
W29	23 46	8 39	2 20	20 52	2 31	15 58	0 18	7 44	0 19	24 6	0 20	16 32	1 39	24 9	0 23	19 30	1 19	27 46	16 26	16 2	15 36	7 2			n.a.
T 30	23 45	12 42	1 12	20 40	2 47	15 34	0 12	7 28	0 18	24 6	0 20	16 31	1 39	24 9	0 23	19 30	1 19	27 45	16 26	16 3	15 35	7 0			n.a.
F 31	23s44	16n 2	0n 0	20s29	3n 2	15s10	0s 6	7s11	0s17	24s 6	0s20	16n31	1s39	24n 9	0n23	19s31	1n19	27s45	16s26	16s 3	15s34	6n58			n.a.

Julian Day Number = 1484344.5, Delta T = 05h20m02s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'17, Lahiri = -12°55'16 Julian Calendar 1 Dec. 650 BCE == Greg. Calendar 24 Nov. 650 BCE

The year -649 astronomical counting style corresponds to year 650 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

JANUARY 649 BCE (-648) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 11 19	4♑ 1'16	26♉26	7°R12	20♒48	13♓16	0♑21	20°R21	28°R19	1♐46	27♒42	13°R17	11♏43	0♍23	n.a.	S 1
S 2	6 15 15	5° 2'07	9♊25	6♑ 1	21°46	13°55	0°35	20♉18	28♊17	1°48	27°43	13♏13	11°39	0°30	n.a.	S 2
M 3	6 19 12	6° 2'56	22°13	4°49	22°43	14°34	0°49	20°16	28°14	1°50	27°44	13° 8	11°36	0°37	n.a.	M 3
T 4	6 23 8	7° 3'44	4♋50	3°36	23°40	15°14	1° 4	20°13	28°11	1°52	27°45	13° 0	11°33	0°43	n.a.	T 4
W 5	6 27 5	8° 4'30	17°17	2°26	24°35	15°53	1°18	20°10	28° 9	1°54	27°46	12°50	11°30	0°50	n.a.	W 5
T 6	6 31 2	9° 5'15	29°33	1°19	25°31	16°33	1°32	20° 8	28° 6	1°56	27°47	12°39	11°27	0°57	n.a.	T 6
F 7	6 34 58	10° 5'58	11♌40	0°18	26°25	17°12	1°46	20° 6	28° 4	1°58	27°48	12°27	11°23	1° 3	n.a.	F 7
S 8	6 38 55	11° 6'40	23°38	29♐23	27°19	17°51	2° 0	20° 3	28° 1	2° 0	27°49	12°17	11°20	1°10	n.a.	S 8
S 9	6 42 51	12° 7'21	5♍31	28°35	28°13	18°31	2°15	20° 1	27°59	2° 1	27°50	12° 9	11°17	1°17	n.a.	S 9
M10	6 46 48	13° 8'00	17°22	27°54	29° 5	19°10	2°29	19°59	27°56	2° 3	27°51	12° 3	11°14	1°24	n.a.	M10
T 11	6 50 44	14° 8'38	29°14	27°22	29°57	19°50	2°43	19°57	27°54	2° 5	27°52	11°59	11°11	1°30	n.a.	T 11
W12	6 54 41	15° 9'15	11♎12	26°57	0♓48	20°29	2°57	19°56	27°51	2° 7	27°53	11°D58	11° 8	1°37	n.a.	W12
T 13	6 58 37	16° 9'50	23°22	26°40	1°39	21° 9	3°11	19°54	27°49	2° 9	27°54	11°58	11° 4	1°44	n.a.	T 13
F 14	7 2 34	17°10'23	5♏48	26°31	2°28	21°48	3°25	19°52	27°46	2°10	27°56	11°R59	11° 1	1°50	n.a.	F 14
S 15	7 6 31	18°10'56	18°37	26°D30	3°17	22°27	3°39	19°51	27°44	2°12	27°57	11°58	10°58	1°57	n.a.	S 15
S 16	7 10 27	19°11'27	1♐51	26°35	4° 5	23° 7	3°53	19°50	27°41	2°14	27°58	11°57	10°55	2° 4	n.a.	S 16
M17	7 14 24	20°11'56	15°33	26°46	4°51	23°46	4° 7	19°48	27°39	2°16	27°59	11°53	10°52	2°11	n.a.	M17
T 18	7 18 20	21°12'24	29°43	27° 4	5°37	24°26	4°21	19°47	27°37	2°17	28° 0	11°46	10°49	2°17	n.a.	T 18
W19	7 22 17	22°12'50	14♑18	27°27	6°22	25° 5	4°35	19°46	27°34	2°19	28° 2	11°36	10°45	2°24	n.a.	W19
T 20	7 26 13	23°13'15	29°11	27°56	7° 6	25°44	4°49	19°45	27°32	2°20	28° 3	11°26	10°42	2°31	n.a.	T 20
F 21	7 30 10	24°13'37	14♒14	28°29	7°49	26°24	5° 3	19°44	27°30	2°22	28° 4	11°15	10°39	2°37	n.a.	F 21
S 22	7 34 6	25°13'57	29°16	29° 7	8°31	27° 3	5°17	19°44	27°28	2°24	28° 5	11° 5	10°36	2°44	n.a.	S 22
S 23	7 38 3	26°14'16	14♓ 7	29°49	9°11	27°43	5°30	19°43	27°25	2°25	28° 7	10°57	10°33	2°51	n.a.	S 23
M24	7 42 0	27°14'32	28°42	0♑34	9°51	28°22	5°44	19°43	27°23	2°27	28° 8	10°51	10°29	2°58	n.a.	M24
T 25	7 45 56	28°14'46	12♈55	1°24	10°29	29° 1	5°58	19°42	27°21	2°28	28° 9	10°49	10°26	3° 4	n.a.	T 25
W26	7 49 53	29°14'57	26°47	2°16	11° 6	29°41	6°12	19°42	27°19	2°30	28°11	10°D48	10°23	3°11	n.a.	W26
T 27	7 53 49	0♒15'07	10♉17	3°12	11°41	0♈20	6°25	19°D42	27°17	2°31	28°12	10°R48	10°20	3°18	n.a.	T 27
F 28	7 57 46	1°15'14	23°27	4°11	12°15	0°59	6°39	19°42	27°15	2°32	28°13	10°48	10°17	3°24	n.a.	F 28
S 29	8 1 42	2°15'19	6♊22	5°12	12°48	1°39	6°52	19°42	27°13	2°34	28°15	10°45	10°14	3°31	n.a.	S 29
S 30	8 5 39	3°15'22	19° 3	6°16	13°19	2°18	7° 6	19°42	27°11	2°35	28°16	10°41	10°10	3°38	n.a.	S 30
M31	8 9 35	4♒15'22	1♋33	7♑22	13♓48	2♈57	7♑19	19♉43	27♊ 9	2♐36	28♒17	10♏33	10♏ 7	3♍45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s43	18n29	1s10	20s20	3n14	14s45	0n 0	6s55	0s16	24s 6	0s20	16n30	1s38	24n 9	0n23	19s31	1n19	27s44	16s25	16s 2	15s33	6n56		n.a.
S 2	23 40	19 56	2 16	20 13	3 25	14 20	0 7	6 39	0 15	24 6	0 20	16 30	1 38	24 9	0 23	19 32	1 19	27 43	16 25	16 2	15 32	6 54		n.a.
M 3	23 38	20 19	3 13	20 8	3 33	13 55	0 13	6 22	0 14	24 6	0 20	16 29	1 38	24 9	0 23	19 32	1 19	27 43	16 25	16 0	15 31	6 52		n.a.
T 4	23 35	19 41	4 0	20 4	3 39	13 30	0 20	6 6	0 13	24 6	0 20	16 29	1 38	24 9	0 23	19 32	1 19	27 42	16 24	15 57	15 30	6 50		n.a.
W 5	23 31	18 5	4 35	20 2	3 43	13 5	0 27	5 49	0 12	24 6	0 21	16 28	1 37	24 9	0 23	19 33	1 19	27 42	16 24	15 54	15 29	6 48		n.a.
T 6	23 27	15 42	4 56	20 2	3 44	12 39	0 34	5 33	0 11	24 6	0 21	16 28	1 37	24 9	0 23	19 33	1 19	27 41	16 24	15 51	15 28	6 45		n.a.
F 7	23 23	12 39	5 4	20 3	3 43	12 14	0 41	5 17	0 10	24 6	0 21	16 27	1 37	24 8	0 23	19 33	1 19	27 40	16 24	15 47	15 27	6 43		n.a.
S 8	23 18	9 8	4 58	20 6	3 40	11 49	0 49	5 0	0 9	24 6	0 21	16 27	1 37	24 8	0 23	19 34	1 19	27 40	16 23	15 44	15 26	6 41		n.a.
S 9	23 13	5 17	4 40	20 10	3 36	11 23	0 56	4 43	0 8	24 6	0 21	16 27	1 36	24 8	0 23	19 34	1 19	27 39	16 23	15 42	15 25	6 39		n.a.
M10	23 7	1 15	4 9	20 16	3 29	10 57	1 4	4 27	0 7	24 6	0 21	16 26	1 36	24 8	0 23	19 34	1 19	27 38	16 23	15 40	15 24	6 37		n.a.
T 11	23 1	2s51	3 27	20 23	3 22	10 32	1 12	4 10	0 6	24 6	0 21	16 26	1 36	24 8	0 23	19 35	1 19	27 38	16 23	15 39	15 23	6 35		n.a.
W12	22 54	6 53	2 36	20 31	3 13	10 6	1 19	3 54	0 5	24 6	0 21	16 26	1 36	24 8	0 23	19 35	1 19	27 37	16 22	15 38	15 22	6 33		n.a.
T 13	22 47	10 42	1 38	20 40	3 3	9 41	1 28	3 37	0 4	24 5	0 21	16 26	1 35	24 8	0 23	19 36	1 19	27 36	16 22	15 38	15 21	6 31		n.a.
F 14	22 39	14 9	0 33	20 50	2 53	9 15	1 36	3 21	0 3	24 5	0 22	16 25	1 35	24 8	0 23	19 36	1 19	27 36	16 22	15 38	15 20	6 29		n.a.
S 15	22 31	17 2	0n35	21 1	2 42	8 50	1 44	3 4	0 2	24 5	0 22	16 25	1 35	24 8	0 23	19 36	1 19	27 35	16 22	15 38	15 19	6 27		n.a.
S 16	22 23	19 8	1 44	21 13	2 31	8 24	1 53	2 47	0 1	24 5	0 22	16 25	1 35	24 8	0 23	19 36	1 19	27 35	16 22	15 38	15 18	6 24		n.a.
M17	22 14	20 11	2 48	21 24	2 19	7 59	2 1	2 31	0 0	24 4	0 22	16 25	1 34	24 8	0 23	19 37	1 19	27 34	16 21	15 37	15 17	6 22		n.a.
T 18	22 4	20 1	3 45	21 37	2 8	7 34	2 10	2 14	0n 1	24 4	0 22	16 25	1 34	24 8	0 23	19 37	1 19	27 33	16 21	15 34	15 16	6 20		n.a.
W19	21 55	18 33	4 28	21 49	1 56	7 9	2 19	1 57	0 1	24 4	0 22	16 25	1 34	24 8	0 23	19 37	1 19	27 33	16 21	15 32	15 15	6 18		n.a.
T 20	21 45	15 48	4 55	22 1	1 44	6 44	2 28	1 41	0 2	24 3	0 22	16 25	1 34	24 8	0 23	19 38	1 19	27 32	16 21	15 28	15 14	6 16		n.a.
F 21	21 34	11 59	5 1	22 13	1 33	6 20	2 37	1 24	0 3	24 3	0 22	16 25	1 33	24 8	0 23	19 38	1 19	27 31	16 21	15 25	15 13	6 14		n.a.
S 22	21 23	7 25	4 47	22 25	1 21	5 55	2 46	1 7	0 4	24 2	0 23	16 25	1 33	24 8	0 23	19 38	1 19	27 31	16 20	15 21	15 12	6 12		n.a.
S 23	21 12	2 27	4 13	22 37	1 10	5 31	2 56	0 51	0 5	24 2	0 23	16 25	1 33	24 8	0 23	19 39	1 19	27 30	16 20	15 19	15 11	6 10		n.a.
M24	21 0	2n34	3 23	22 48	0 58	5 8	3 5	0 34	0 6	24 1	0 23	16 25	1 33	24 8	0 23	19 39	1 19	27 29	16 20	15 17	15 10	6 8		n.a.
T 25	20 48	7 21	2 22	22 59	0 47	4 44	3 15	0 18	0 7	24 1	0 23	16 25	1 32	24 8	0 23	19 39	1 19	27 29	16 20	15 16	15 9	6 6		n.a.
W26	20 35	11 36	1 14	23 9	0 36	4 21	3 25	0 1	0 8	24 0	0 23	16 26	1 32	24 8	0 23	19 39	1 19	27 28	16 20	15 16	15 8	6 3		n.a.
T 27	20 23	15 9	0 3	23 18	0 26	3 58	3 35	0n16	0 8	24 0	0 23	16 26	1 32	24 8	0 23	19 40	1 19	27 27	16 19	15 16	15 7	6 1		n.a.
F 28	20 9	17 49	1s 6	23 27	0 15	3 36	3 45	0 32	0 9	23 59	0 23	16 26	1 32	24 8	0 23	19 40	1 19	27 27	16 19	15 16	15 6	5 59		n.a.
S 29	19 56	19 31	2 11	23 35	0 5	3 14	3 55	0 49	0 10	23 59	0 23	16 26	1 31	24 8	0 23	19 40	1 19	27 26	16 19	15 15	15 5	5 57		n.a.
S 30	19 42	20 12	3 7	23 42	0s 4	2 53	4 5	1 5	0 11	23 58	0 24	16 27	1 31	24 8	0 23	19 40	1 19	27 25	16 19	15 14	15 4	5 55		n.a.
M31	19s28	19n52	3s54	23s48	0s14	2s32	4n15	1n22	0n12	23s58	0s24	16n27	1s31	24n 7	0n23	19s41	1n19	27s25	16s19	15s11	15s 3	5n53		n.a.

Julian Day Number = 1484375.5, Delta T = 05h20m00s
Ecliptic obliquity = 23°46'17, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'12, Lahiri = -12°55'12 Julian Calendar 1 Jan. 649 BCE == Greg. Calendar 25 Dec. 650 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

FEBRUARY 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 13 32	5♒15'21	13♋54	8♉30	14♓16	3♈36	7♉33	19♉43	27°R 7	2♐38	28♒19	10°R22	10♏ 4	3♍51	n.a.	T 1
W 2	8 17 29	6°15'17	26° 7	9°40	14°42	4°16	7°46	19°44	27♊ 5	2°39	28°20	10♏ 9	10° 1	3°58	n.a.	W 2
T 3	8 21 25	7°15'11	8♌13	10°53	15° 6	4°55	8° 0	19°45	27° 3	2°40	28°22	9°55	9°58	4° 5	n.a.	T 3
F 4	8 25 22	8°15'03	20°12	12° 7	15°29	5°34	8°13	19°45	27° 2	2°41	28°23	9°40	9°55	4°11	n.a.	F 4
S 5	8 29 18	9°14'53	2♍ 7	13°23	15°49	6°13	8°26	19°46	27° 0	2°43	28°24	9°27	9°51	4°18	n.a.	S 5
S 6	8 33 15	10°14'41	13°58	14°41	16° 8	6°53	8°39	19°47	26°58	2°44	28°26	9°15	9°48	4°25	n.a.	S 6
M 7	8 37 11	11°14'26	25°48	16° 0	16°25	7°32	8°52	19°48	26°56	2°45	28°27	9° 6	9°45	4°32	n.a.	M 7
T 8	8 41 8	12°14'10	7♎40	17°21	16°39	8°11	9° 5	19°50	26°55	2°46	28°29	9° 0	9°42	4°38	n.a.	T 8
W 9	8 45 4	13°13'52	19°38	18°43	16°51	8°50	9°18	19°51	26°53	2°47	28°30	8°57	9°39	4°45	n.a.	W 9
T 10	8 49 1	14°13'33	1♏46	20° 7	17° 2	9°29	9°31	19°52	26°52	2°48	28°32	8°56	9°35	4°52	n.a.	T 10
F 11	8 52 57	15°13'11	14° 9	21°33	17°10	10° 9	9°44	19°54	26°50	2°49	28°33	8°56	9°32	4°58	n.a.	F 11
S 12	8 56 54	16°12'48	26°52	23° 0	17°15	10°48	9°57	19°56	26°49	2°50	28°34	8°56	9°29	5° 5	n.a.	S 12
S 13	9 0 51	17°12'22	10♐ 1	24°28	17°19	11°27	10°10	19°57	26°47	2°51	28°36	8°54	9°26	5°12	n.a.	S 13
M14	9 4 47	18°11'55	23°38	25°58	17°R20	12° 6	10°23	19°59	26°46	2°52	28°37	8°50	9°23	5°18	n.a.	M14
T 15	9 8 44	19°11'26	7♑46	27°29	17°18	12°45	10°35	20° 1	26°45	2°53	28°39	8°44	9°20	5°25	n.a.	T 15
W16	9 12 40	20°10'55	22°22	29° 1	17°14	13°24	10°48	20° 4	26°43	2°54	28°40	8°35	9°16	5°32	n.a.	W16
T 17	9 16 37	21°10'22	7♒21	0♒35	17° 8	14° 3	11° 1	20° 6	26°42	2°54	28°42	8°24	9°13	5°39	n.a.	T 17
F 18	9 20 33	22° 9'47	22°35	2°10	16°59	14°42	11°13	20° 8	26°41	2°55	28°43	8°13	9°10	5°45	n.a.	F 18
S 19	9 24 30	23° 9'09	7♓53	3°46	16°47	15°21	11°25	20°10	26°40	2°56	28°45	8° 3	9° 7	5°52	n.a.	S 19
S 20	9 28 26	24° 8'30	23° 3	5°24	16°34	16° 0	11°38	20°13	26°39	2°57	28°46	7°55	9° 4	5°59	n.a.	S 20
M21	9 32 23	25° 7'48	7♈56	7° 3	16°17	16°39	11°50	20°16	26°38	2°57	28°48	7°49	9° 1	6° 5	n.a.	M21
T 22	9 36 20	26° 7'03	22°25	8°43	15°58	17°18	12° 2	20°18	26°37	2°58	28°49	7°47	8°57	6°12	n.a.	T 22
W23	9 40 16	27° 6'16	6♉27	10°25	15°37	17°57	12°14	20°21	26°36	2°59	28°51	7°D46	8°54	6°19	n.a.	W23
T 24	9 44 13	28° 5'27	20° 3	12° 8	15°14	18°36	12°26	20°24	26°35	2°59	28°52	7°46	8°51	6°26	n.a.	T 24
F 25	9 48 9	29° 4'35	3♊15	13°53	14°48	19°15	12°38	20°27	26°34	3° 0	28°54	7°R46	8°48	6°32	n.a.	F 25
S 26	9 52 6	0♓ 3'41	16° 6	15°38	14°20	19°54	12°50	20°30	26°33	3° 0	28°55	7°45	8°45	6°39	n.a.	S 26
S 27	9 56 2	1° 2'45	28°39	17°26	13°51	20°33	13° 2	20°34	26°33	3° 1	28°57	7°41	8°41	6°46	n.a.	S 27
M28	9 59 59	2° 1'46	11♋ 0	19°14	13°19	21°12	13°13	20°37	26°32	3° 1	28°58	7°35	8°38	6°52	n.a.	M28
T 29	10 3 55	3♓ 0'44	23♋10	21♒ 4	12♓46	21♈51	13♉25	20♉41	26♊31	3♐ 2	29♒ 0	7♏27	8♏35	6♍59	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s13	18n35	4s29	23s52	0s23	2s12	4n25	1n38	0n12	23s57	0s24	16n27	1s31	24n 7	0n23	19s41	1n19	27s24	16s19	15s 8	15s 2	5n51		n.a.
W 2	18 58	16 28	4 51	23 56	0 32	1 52	4 36	1 55	0 13	23 56	0 24	16 28	1 30	24 7	0 23	19 41	1 19	27 24	16 19	15 4	15 1	5 49		n.a.
T 3	18 43	13 39	4 59	23 59	0 40	1 33	4 46	2 11	0 14	23 56	0 24	16 28	1 30	24 7	0 23	19 41	1 19	27 23	16 18	14 59	15 0	5 47		n.a.
F 4	18 27	10 18	4 54	24 1	0 48	1 15	4 57	2 28	0 15	23 55	0 24	16 29	1 30	24 7	0 23	19 41	1 19	27 22	16 18	14 55	14 59	5 45		n.a.
S 5	18 11	6 34	4 37	24 1	0 56	0 57	5 7	2 44	0 15	23 54	0 24	16 29	1 30	24 7	0 23	19 42	1 19	27 22	16 18	14 50	14 58	5 42		n.a.
S 6	17 55	2 36	4 7	24 0	1 4	0 40	5 18	3 1	0 16	23 54	0 25	16 30	1 29	24 7	0 23	19 42	1 19	27 21	16 18	14 47	14 57	5 40		n.a.
M 7	17 39	1s28	3 27	23 58	1 11	0 24	5 28	3 17	0 17	23 53	0 25	16 30	1 29	24 7	0 23	19 42	1 19	27 20	16 18	14 44	14 56	5 38		n.a.
T 8	17 22	5 29	2 37	23 54	1 17	0 9	5 39	3 33	0 18	23 52	0 25	16 31	1 29	24 7	0 23	19 42	1 20	27 20	16 18	14 42	14 55	5 36		n.a.
W 9	17 5	9 20	1 40	23 50	1 24	0n 6	5 49	3 50	0 18	23 51	0 25	16 31	1 29	24 7	0 23	19 42	1 20	27 19	16 18	14 41	14 54	5 34		n.a.
T 10	16 47	12 50	0 38	23 43	1 30	0 19	6 0	4 6	0 19	23 50	0 25	16 32	1 28	24 7	0 23	19 43	1 20	27 19	16 18	14 40	14 53	5 32		n.a.
F 11	16 30	15 52	0n28	23 35	1 36	0 32	6 10	4 22	0 20	23 50	0 25	16 33	1 28	24 7	0 23	19 43	1 20	27 18	16 18	14 40	14 52	5 30		n.a.
S 12	16 12	18 13	1 33	23 26	1 41	0 43	6 20	4 39	0 20	23 49	0 25	16 33	1 28	24 7	0 23	19 43	1 20	27 17	16 18	14 40	14 51	5 28		n.a.
S 13	15 54	19 41	2 37	23 15	1 46	0 54	6 30	4 55	0 21	23 48	0 26	16 34	1 28	24 7	0 23	19 43	1 20	27 17	16 18	14 40	14 50	5 26		n.a.
M14	15 35	20 4	3 33	23 3	1 50	1 3	6 40	5 11	0 22	23 47	0 26	16 35	1 27	24 7	0 23	19 43	1 20	27 16	16 17	14 39	14 49	5 24		n.a.
T 15	15 16	19 14	4 19	22 49	1 54	1 12	6 50	5 27	0 22	23 46	0 26	16 36	1 27	24 7	0 23	19 43	1 20	27 16	16 17	14 37	14 48	5 21		n.a.
W16	14 58	17 8	4 49	22 34	1 58	1 19	6 59	5 43	0 23	23 45	0 26	16 36	1 27	24 7	0 23	19 43	1 20	27 15	16 17	14 34	14 47	5 19		n.a.
T 17	14 38	13 50	5 1	22 17	2 1	1 25	7 8	5 59	0 24	23 45	0 26	16 37	1 27	24 7	0 23	19 44	1 20	27 14	16 17	14 30	14 46	5 17		n.a.
F 18	14 19	9 35	4 52	21 58	2 4	1 29	7 17	6 15	0 24	23 44	0 26	16 38	1 26	24 7	0 23	19 44	1 20	27 14	16 17	14 27	14 45	5 15		n.a.
S 19	13 59	4 41	4 22	21 37	2 6	1 32	7 25	6 31	0 25	23 43	0 26	16 39	1 26	24 7	0 23	19 44	1 20	27 13	16 17	14 23	14 44	5 13		n.a.
S 20	13 39	0n28	3 33	21 15	2 8	1 34	7 33	6 47	0 26	23 42	0 27	16 40	1 26	24 7	0 23	19 44	1 20	27 13	16 17	14 21	14 43	5 11		n.a.
M21	13 19	5 30	2 31	20 51	2 10	1 35	7 41	7 2	0 26	23 41	0 27	16 41	1 26	24 7	0 23	19 44	1 20	27 12	16 17	14 19	14 42	5 9		n.a.
T 22	12 59	10 5	1 21	20 26	2 11	1 34	7 48	7 18	0 27	23 40	0 27	16 42	1 25	24 7	0 23	19 44	1 20	27 11	16 17	14 18	14 41	5 7		n.a.
W23	12 39	13 58	0 7	19 59	2 12	1 32	7 54	7 34	0 28	23 39	0 27	16 43	1 25	24 7	0 23	19 44	1 20	27 11	16 17	14 17	14 40	5 5		n.a.
T 24	12 18	16 58	1s 5	19 30	2 12	1 28	8 0	7 49	0 28	23 38	0 27	16 44	1 25	24 7	0 23	19 44	1 20	27 10	16 17	14 18	14 39	5 3		n.a.
F 25	11 57	18 57	2 11	18 59	2 11	1 23	8 5	8 5	0 29	23 37	0 27	16 45	1 25	24 6	0 23	19 44	1 20	27 10	16 17	14 18	14 38	5 0		n.a.
S 26	11 36	19 54	3 9	18 27	2 10	1 16	8 9	8 21	0 29	23 36	0 28	16 46	1 24	24 6	0 23	19 44	1 20	27 9	16 17	14 17	14 37	4 58		n.a.
S 27	11 15	19 50	3 56	17 52	2 9	1 8	8 13	8 36	0 30	23 35	0 28	16 47	1 24	24 6	0 23	19 44	1 20	27 9	16 17	14 16	14 36	4 56		n.a.
M28	10 54	18 48	4 31	17 16	2 7	0 59	8 16	8 51	0 31	23 34	0 28	16 48	1 24	24 6	0 23	19 44	1 20	27 8	16 17	14 14	14 35	4 54		n.a.
T 29	10s32	16n56	4s54	16s38	2s 5	0n48	8n18	9n 7	0n31	23s33	0s28	16n49	1s24	24n 6	0n23	19s45	1n20	27s 8	16s17	14s11	14s34	4n52		n.a.

Julian Day Number = 1484406.5, Delta T = 05h19m59s
Ecliptic obliquity = 23°46'17, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'08, Lahiri = -12°55'08 Julian Calendar 1 Feb. 649 BCE == Greg. Calendar 25 Jan. 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

MARCH 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 7 52	3♓59'40	5♌12	22♒56	12°R12	22♈30	13♉37	20♉44	26°R31	3♐ 2	29♒ 1	7°R16	8♏32	7♍ 6	n.a.	W 1
T 2	10 11 49	4°58'34	17°10	24°49	11♓36	23° 9	13°48	20°48	26♊30	3° 2	29° 3	7♏ 5	8°29	7°13	n.a.	T 2
F 3	10 15 45	5°57'26	29° 3	26°43	10°59	23°48	13°59	20°51	26°30	3° 3	29° 4	6°53	8°26	7°19	n.a.	F 3
S 4	10 19 42	6°56'15	10♍55	28°39	10°22	24°27	14°11	20°55	26°29	3° 3	29° 6	6°42	8°22	7°26	n.a.	S 4
S 5	10 23 38	7°55'03	22°46	0♓36	9°44	25° 5	14°22	20°59	26°29	3° 3	29° 7	6°32	8°19	7°33	n.a.	S 5
M 6	10 27 35	8°53'48	4♎39	2°34	9° 6	25°44	14°33	21° 3	26°29	3° 3	29° 9	6°25	8°16	7°39	n.a.	M 6
T 7	10 31 31	9°52'32	16°34	4°34	8°27	26°23	14°44	21° 7	26°29	3° 3	29°10	6°21	8°13	7°46	n.a.	T 7
W 8	10 35 28	10°51'13	28°36	6°35	7°49	27° 2	14°55	21°11	26°28	3° 4	29°11	6°19	8°10	7°53	n.a.	W 8
T 9	10 39 24	11°49'53	10♏48	8°37	7°12	27°41	15° 5	21°16	26°28	3° 4	29°13	6°D18	8° 6	7°59	n.a.	T 9
F 10	10 43 21	12°48'30	23°13	10°41	6°35	28°19	15°16	21°20	26°28	3° 4	29°14	6°19	8° 3	8° 6	n.a.	F 10
S 11	10 47 17	13°47'06	5♐55	12°45	6° 0	28°58	15°27	21°25	26°D28	3° 4	29°16	6°20	8° 0	8°13	n.a.	S 11
S 12	10 51 14	14°45'41	19° 0	14°51	5°25	29°37	15°37	21°29	26°28	3°R 4	29°17	6°R20	7°57	8°20	n.a.	S 12
M13	10 55 11	15°44'13	2♑30	16°57	4°52	0♑15	15°47	21°34	26°28	3° 4	29°19	6°19	7°54	8°26	n.a.	M13
T 14	10 59 7	16°42'44	16°28	19° 4	4°21	0°54	15°58	21°38	26°28	3° 4	29°20	6°16	7°51	8°33	n.a.	T 14
W15	11 3 4	17°41'13	0♒54	21°11	3°51	1°33	16° 8	21°43	26°28	3° 4	29°22	6°11	7°47	8°40	n.a.	W15
T 16	11 7 0	18°39'40	15°44	23°18	3°24	2°11	16°18	21°48	26°29	3° 4	29°23	6° 4	7°44	8°46	n.a.	T 16
F 17	11 10 57	19°38'05	0♓51	25°25	2°58	2°50	16°28	21°53	26°29	3° 3	29°24	5°57	7°41	8°53	n.a.	F 17
S 18	11 14 53	20°36'29	16° 7	27°32	2°35	3°29	16°38	21°58	26°29	3° 3	29°26	5°50	7°38	9° 0	n.a.	S 18
S 19	11 18 50	21°34'50	1♈20	29°38	2°13	4° 7	16°47	22° 3	26°30	3° 3	29°27	5°45	7°35	9° 6	n.a.	S 19
M20	11 22 46	22°33'10	16°20	1♈42	1°54	4°46	16°57	22° 8	26°30	3° 3	29°29	5°42	7°32	9°13	n.a.	M20
T 21	11 26 43	23°31'27	1♉ 0	3°46	1°38	5°25	17° 6	22°14	26°31	3° 3	29°30	5°D40	7°28	9°20	n.a.	T 21
W22	11 30 39	24°29'43	15°13	5°48	1°24	6° 3	17°16	22°19	26°31	3° 2	29°31	5°40	7°25	9°27	n.a.	W22
T 23	11 34 36	25°27'56	28°59	7°48	1°12	6°42	17°25	22°24	26°32	3° 2	29°33	5°42	7°22	9°33	n.a.	T 23
F 24	11 38 33	26°26'07	12♊18	9°45	1° 2	7°20	17°34	22°30	26°33	3° 2	29°34	5°43	7°19	9°40	n.a.	F 24
S 25	11 42 29	27°24'16	25°13	11°40	0°56	7°59	17°43	22°35	26°33	3° 1	29°35	5°R44	7°16	9°47	n.a.	S 25
S 26	11 46 26	28°22'23	7♋48	13°33	0°51	8°37	17°52	22°41	26°34	3° 1	29°37	5°43	7°12	9°53	n.a.	S 26
M27	11 50 22	29°20'28	20° 6	15°22	0°D49	9°16	18° 1	22°47	26°35	3° 0	29°38	5°41	7° 9	10° 0	n.a.	M27
T 28	11 54 19	0♈18'31	2♌12	17° 8	0°49	9°54	18° 9	22°52	26°36	3° 0	29°39	5°38	7° 6	10° 7	n.a.	T 28
W29	11 58 15	1°16'32	14°10	18°51	0°52	10°33	18°18	22°58	26°37	2°59	29°41	5°33	7° 3	10°13	n.a.	W29
T 30	12 2 12	2°14'31	26° 3	20°30	0°57	11°11	18°26	23° 4	26°38	2°59	29°42	5°27	7° 0	10°20	n.a.	T 30
F 31	12 6 8	3♈12'27	7♍54	22♈ 5	1♓ 4	11♉50	18♉34	23♉10	26♊39	2♐58	29♒43	5♏21	6♏57	10♍27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	10s11	14n20	5s 3	15s59	2s 2	0n36	8n19	9n22	0n32	23s32	0s28	16n51	1s24	24n 6	0n23	19s45	1n20	27s 7	16s17	14s 8	14s33	4n50			n.a.
T 2	9 49	11 10	4 58	15 17	1 59	0 22	8 19	9 37	0 32	23 31	0 28	16 52	1 23	24 6	0 23	19 45	1 20	27 7	16 17	14 4	14 32	4 48			n.a.
F 3	9 27	7 35	4 41	14 34	1 55	0 8	8 19	9 52	0 33	23 30	0 29	16 53	1 23	24 6	0 23	19 45	1 20	27 6	16 17	14 0	14 31	4 46			n.a.
S 4	9 5	3 42	4 11	13 49	1 50	0s 8	8 17	10 7	0 34	23 29	0 29	16 54	1 23	24 6	0 23	19 45	1 20	27 6	16 17	13 56	14 29	4 44			n.a.
S 5	8 43	0s19	3 31	13 3	1 45	0 24	8 14	10 22	0 34	23 28	0 29	16 55	1 23	24 6	0 23	19 45	1 20	27 5	16 17	13 53	14 28	4 42			n.a.
M 6	8 21	4 20	2 41	12 15	1 39	0 42	8 11	10 37	0 35	23 27	0 29	16 57	1 22	24 6	0 23	19 45	1 20	27 5	16 18	13 51	14 27	4 39			n.a.
T 7	7 58	8 12	1 44	11 25	1 33	1 0	8 7	10 52	0 35	23 26	0 29	16 58	1 22	24 6	0 23	19 45	1 20	27 4	16 18	13 49	14 26	4 37			n.a.
W 8	7 36	11 46	0 41	10 33	1 27	1 19	8 1	11 7	0 36	23 25	0 29	16 59	1 22	24 6	0 23	19 45	1 21	27 4	16 18	13 49	14 25	4 35			n.a.
T 9	7 13	14 53	0n24	9 40	1 19	1 38	7 55	11 21	0 36	23 24	0 30	17 1	1 22	24 6	0 23	19 45	1 21	27 3	16 18	13 48	14 24	4 33			n.a.
F 10	6 51	17 23	1 30	8 46	1 12	1 58	7 48	11 36	0 37	23 23	0 30	17 2	1 21	24 6	0 23	19 45	1 21	27 3	16 18	13 49	14 23	4 31			n.a.
S 11	6 28	19 6	2 32	7 50	1 3	2 18	7 41	11 50	0 37	23 22	0 30	17 3	1 21	24 6	0 23	19 45	1 21	27 2	16 18	13 49	14 22	4 29			n.a.
S 12	6 5	19 50	3 29	6 53	0 55	2 39	7 32	12 5	0 38	23 21	0 30	17 5	1 21	24 6	0 23	19 45	1 21	27 2	16 18	13 49	14 21	4 27			n.a.
M13	5 42	19 29	4 16	5 55	0 45	2 59	7 23	12 19	0 38	23 20	0 30	17 6	1 21	24 6	0 23	19 45	1 21	27 1	16 18	13 49	14 20	4 25			n.a.
T 14	5 19	17 57	4 50	4 56	0 36	3 20	7 13	12 33	0 39	23 18	0 31	17 8	1 21	24 6	0 23	19 44	1 21	27 1	16 18	13 48	14 19	4 23			n.a.
W15	4 56	15 15	5 6	3 56	0 26	3 40	7 3	12 47	0 39	23 17	0 31	17 9	1 20	24 6	0 23	19 44	1 21	27 0	16 18	13 46	14 18	4 21			n.a.
T 16	4 33	11 31	5 3	2 56	0 15	4 0	6 52	13 1	0 40	23 16	0 31	17 11	1 20	24 6	0 23	19 44	1 21	27 0	16 18	13 44	14 17	4 18			n.a.
F 17	4 10	6 58	4 39	1 55	0 5	4 20	6 41	13 15	0 40	23 15	0 31	17 12	1 20	24 6	0 23	19 44	1 21	27 0	16 19	13 41	14 16	4 16			n.a.
S 18	3 46	1 56	3 56	0 54	0n 6	4 39	6 29	13 29	0 41	23 14	0 31	17 14	1 20	24 6	0 23	19 44	1 21	26 59	16 19	13 39	14 15	4 14			n.a.
S 19	3 23	3n12	2 55	0n 7	0 17	4 58	6 17	13 43	0 41	23 13	0 32	17 15	1 20	24 6	0 23	19 44	1 21	26 59	16 19	13 37	14 14	4 12			n.a.
M20	3 0	8 5	1 43	1 7	0 28	5 16	6 4	13 57	0 42	23 12	0 32	17 17	1 19	24 6	0 23	19 44	1 21	26 58	16 19	13 36	14 13	4 10			n.a.
T 21	2 36	12 22	0 25	2 7	0 39	5 34	5 52	14 10	0 42	23 11	0 32	17 18	1 19	24 6	0 23	19 44	1 21	26 58	16 19	13 36	14 12	4 8			n.a.
W22	2 13	15 48	0s52	3 6	0 50	5 51	5 39	14 24	0 43	23 10	0 32	17 20	1 19	24 6	0 23	19 44	1 21	26 58	16 19	13 36	14 11	4 6			n.a.
T 23	1 50	18 12	2 3	4 4	1 1	6 7	5 26	14 37	0 43	23 9	0 32	17 21	1 19	24 6	0 23	19 44	1 21	26 57	16 19	13 36	14 10	4 4			n.a.
F 24	1 26	19 31	3 6	5 1	1 12	6 23	5 13	14 50	0 44	23 8	0 33	17 23	1 19	24 6	0 23	19 44	1 21	26 57	16 20	13 37	14 9	4 2			n.a.
S 25	1 3	19 44	3 57	5 56	1 22	6 38	5 0	15 3	0 44	23 7	0 33	17 25	1 18	24 6	0 23	19 44	1 21	26 57	16 20	13 37	14 8	4 0			n.a.
S 26	0 39	18 58	4 35	6 50	1 32	6 51	4 47	15 16	0 44	23 6	0 33	17 26	1 18	24 6	0 23	19 43	1 21	26 56	16 20	13 37	14 6	3 58			n.a.
M27	0 16	17 18	5 0	7 42	1 42	7 4	4 34	15 29	0 45	23 5	0 33	17 28	1 18	24 6	0 23	19 43	1 21	26 56	16 20	13 36	14 5	3 55			n.a.
T 28	0n 7	14 54	5 11	8 31	1 51	7 16	4 21	15 42	0 45	23 4	0 33	17 30	1 18	24 6	0 23	19 43	1 21	26 56	16 20	13 35	14 4	3 53			n.a.
W29	0 31	11 54	5 8	9 19	1 59	7 28	4 8	15 55	0 46	23 3	0 34	17 31	1 18	24 6	0 23	19 43	1 21	26 55	16 21	13 33	14 3	3 51			n.a.
T 30	0 54	8 27	4 52	10 4	2 7	7 38	3 55	16 7	0 46	23 2	0 34	17 33	1 17	24 6	0 23	19 43	1 21	26 55	16 21	13 31	14 2	3 49			n.a.
F 31	1n18	4n40	4s23	10n47	2n14	7s47	3n42	16n20	0n47	23s 2	0s34	17n35	1s17	24n 6	0n23	19s43	1n21	26s55	16s21	13s29	14s 1	3n47			n.a.

Julian Day Number = 1484435.5, Delta T = 05h19m57s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'04, Lahiri = -12°55'04 Julian Calendar 1 March 649 BCE == Greg. Calendar 23 Feb. 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

APRIL 649 BCE (-648) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 10 5	4♈10'22	19♍45	23♈37	1♓13	12♉28	18♑42	23♉16	26♊40	2°R57	29♒45	5°R16	6♏53	10♍34	n.a.	S 1
S 2	12 14 2	5° 8'16	1♎39	25° 4	1°25	13° 7	18°50	23°22	26°41	2♐57	29°46	5♏11	6°50	10°40	n.a.	S 2
M 3	12 17 58	6° 6'07	13°37	26°28	1°38	13°45	18°58	23°28	26°42	2°56	29°47	5° 8	6°47	10°47	n.a.	M 3
T 4	12 21 55	7° 3'57	25°41	27°48	1°54	14°23	19° 6	23°35	26°43	2°55	29°48	5° 6	6°44	10°54	n.a.	T 4
W 5	12 25 51	8° 1'46	7♏53	29° 3	2°11	15° 2	19°13	23°41	26°45	2°55	29°50	5°D 6	6°41	11° 0	n.a.	W 5
T 6	12 29 48	8°59'33	20°15	0♉15	2°30	15°40	19°21	23°47	26°46	2°54	29°51	5° 7	6°37	11° 7	n.a.	T 6
F 7	12 33 44	9°57'19	2♐50	1°22	2°52	16°19	19°28	23°54	26°47	2°53	29°52	5° 8	6°34	11°14	n.a.	F 7
S 8	12 37 41	10°55'03	15°41	2°25	3°15	16°57	19°35	24° 0	26°49	2°52	29°53	5°10	6°31	11°20	n.a.	S 8
S 9	12 41 37	11°52'46	28°49	3°23	3°39	17°35	19°42	24° 6	26°50	2°52	29°54	5°11	6°28	11°27	n.a.	S 9
M10	12 45 34	12°50'28	12♑18	4°17	4° 5	18°14	19°49	24°13	26°52	2°51	29°55	5°R11	6°25	11°34	n.a.	M10
T 11	12 49 30	13°48'09	26° 9	5° 7	4°33	18°52	19°55	24°20	26°53	2°50	29°57	5°11	6°22	11°41	n.a.	T 11
W12	12 53 27	14°45'49	10♒22	5°52	5° 3	19°30	20° 2	24°26	26°55	2°49	29°58	5°10	6°18	11°47	n.a.	W12
T 13	12 57 24	15°43'27	24°55	6°33	5°34	20° 8	20° 8	24°33	26°57	2°48	29°59	5° 8	6°15	11°54	n.a.	T 13
F 14	13 1 20	16°41'04	9♓44	7° 8	6° 6	20°47	20°14	24°40	26°58	2°47	29°59	5° 5	6°12	12° 1	n.a.	F 14
S 15	13 5 17	17°38'40	24°42	7°39	6°39	21°25	20°20	24°46	27° 0	2°46	0♓ 1	5° 3	6° 9	12° 7	n.a.	S 15
S 16	13 9 13	18°36'15	9♈41	8° 6	7°14	22° 3	20°26	24°53	27° 2	2°45	0° 2	5° 1	6° 6	12°14	n.a.	S 16
M17	13 13 10	19°33'49	24°32	8°27	7°50	22°41	20°32	25° 0	27° 4	2°44	0° 3	5° 0	6° 3	12°21	n.a.	M17
T 18	13 17 6	20°31'21	9♉ 9	8°44	8°28	23°20	20°37	25° 7	27° 6	2°43	0° 4	5°D 0	5°59	12°27	n.a.	T 18
W19	13 21 3	21°28'52	23°24	8°56	9° 6	23°58	20°43	25°14	27° 8	2°42	0° 5	5° 1	5°56	12°34	n.a.	W19
T 20	13 24 59	22°26'22	7♊15	9° 3	9°46	24°36	20°48	25°21	27°10	2°41	0° 6	5° 2	5°53	12°41	n.a.	T 20
F 21	13 28 56	23°23'50	20°40	9°R 5	10°26	25°14	20°53	25°28	27°12	2°39	0° 7	5° 3	5°50	12°48	n.a.	F 21
S 22	13 32 53	24°21'17	3♋41	9° 3	11° 8	25°53	20°58	25°35	27°14	2°38	0° 8	5° 4	5°47	12°54	n.a.	S 22
S 23	13 36 49	25°18'42	16°20	8°56	11°50	26°31	21° 3	25°42	27°16	2°37	0° 9	5° 4	5°43	13° 1	n.a.	S 23
M24	13 40 46	26°16'06	28°40	8°45	12°34	27° 9	21° 7	25°50	27°18	2°36	0°10	5°R 4	5°40	13° 8	n.a.	M24
T 25	13 44 42	27°13'29	10♌47	8°30	13°18	27°47	21°11	25°57	27°20	2°35	0°11	5° 4	5°37	13°14	n.a.	T 25
W26	13 48 39	28°10'50	22°44	8°11	14° 3	28°25	21°16	26° 4	27°23	2°33	0°12	5° 3	5°34	13°21	n.a.	W26
T 27	13 52 35	29° 8'11	4♍36	7°49	14°50	29° 3	21°20	26°11	27°25	2°32	0°13	5° 3	5°31	13°28	n.a.	T 27
F 28	13 56 32	0♉ 5'29	16°27	7°23	15°37	29°42	21°23	26°19	27°27	2°31	0°14	5° 2	5°28	13°34	n.a.	F 28
S 29	14 0 28	1° 2'47	28°20	6°55	16°24	0♊20	21°27	26°26	27°29	2°30	0°14	5° 1	5°24	13°41	n.a.	S 29
S 30	14 4 25	2♉ 0'04	10♎18	6♉25	17♓13	0♊58	21♑31	26♉33	27♊32	2♐28	0♓15	5♏ 1	5♏21	13♍48	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n41	0n42	3s43	11n28	2n21	7s56	3n30	16n32	0n47	23s 1	0s34	17n36	1s17	24n 6	0n23	19s43	1n21	26s54	16s21	13s27	14s 0	3n45		n.a.
S 2	2 4	3s18	2 53	12 6	2 27	8 3	3 17	16 45	0 47	23 0	0 34	17 38	1 17	24 6	0 23	19 42	1 21	26 54	16 21	13 26	13 59	3 43		n.a.
M 3	2 27	7 12	1 55	12 42	2 32	8 10	3 5	16 57	0 48	22 59	0 35	17 40	1 17	24 6	0 22	19 42	1 21	26 54	16 22	13 25	13 58	3 41		n.a.
T 4	2 51	10 51	0 51	13 15	2 36	8 15	2 53	17 9	0 48	22 58	0 35	17 41	1 17	24 6	0 22	19 42	1 21	26 54	16 22	13 24	13 57	3 39		n.a.
W 5	3 14	14 5	0n15	13 46	2 39	8 20	2 41	17 21	0 49	22 57	0 35	17 43	1 16	24 6	0 22	19 42	1 21	26 53	16 22	13 24	13 56	3 37		n.a.
T 6	3 37	16 44	1 22	14 14	2 42	8 24	2 30	17 32	0 49	22 56	0 35	17 45	1 16	24 6	0 22	19 42	1 21	26 53	16 22	13 24	13 55	3 35		n.a.
F 7	4 0	18 37	2 27	14 39	2 43	8 27	2 18	17 44	0 49	22 55	0 36	17 47	1 16	24 6	0 22	19 42	1 22	26 53	16 22	13 25	13 54	3 32		n.a.
S 8	4 23	19 35	3 25	15 2	2 44	8 29	2 7	17 55	0 50	22 55	0 36	17 48	1 16	24 6	0 22	19 41	1 22	26 53	16 23	13 25	13 53	3 30		n.a.
S 9	4 46	19 32	4 14	15 22	2 44	8 30	1 56	18 7	0 50	22 54	0 36	17 50	1 16	24 6	0 22	19 41	1 22	26 52	16 23	13 26	13 52	3 28		n.a.
M10	5 8	18 22	4 51	15 40	2 42	8 30	1 46	18 18	0 50	22 53	0 36	17 52	1 16	24 6	0 22	19 41	1 22	26 52	16 23	13 26	13 51	3 26		n.a.
T 11	5 31	16 7	5 11	15 55	2 40	8 30	1 35	18 29	0 51	22 52	0 36	17 54	1 15	24 6	0 22	19 41	1 22	26 52	16 23	13 26	13 50	3 24		n.a.
W12	5 54	12 51	5 14	16 7	2 37	8 28	1 25	18 40	0 51	22 51	0 37	17 56	1 15	24 6	0 22	19 41	1 22	26 52	16 24	13 25	13 49	3 22		n.a.
T 13	6 16	8 44	4 57	16 17	2 33	8 26	1 15	18 51	0 52	22 51	0 37	17 57	1 15	24 7	0 22	19 40	1 22	26 52	16 24	13 25	13 47	3 20		n.a.
F 14	6 39	4 2	4 20	16 24	2 27	8 23	1 5	19 2	0 52	22 50	0 37	17 59	1 15	24 7	0 22	19 40	1 22	26 52	16 24	13 24	13 46	3 18		n.a.
S 15	7 1	0n59	3 25	16 28	2 21	8 20	0 56	19 12	0 52	22 49	0 37	18 1	1 15	24 7	0 22	19 40	1 22	26 51	16 24	13 23	13 45	3 16		n.a.
S 16	7 23	5 57	2 15	16 30	2 14	8 15	0 47	19 23	0 53	22 49	0 38	18 3	1 15	24 7	0 22	19 40	1 22	26 51	16 25	13 23	13 44	3 14		n.a.
M17	7 45	10 32	0 58	16 30	2 5	8 10	0 38	19 33	0 53	22 48	0 38	18 5	1 14	24 7	0 22	19 40	1 22	26 51	16 25	13 22	13 43	3 12		n.a.
T 18	8 7	14 23	0s23	16 26	1 56	8 4	0 29	19 43	0 53	22 47	0 38	18 7	1 14	24 7	0 22	19 39	1 22	26 51	16 25	13 22	13 42	3 9		n.a.
W19	8 29	17 16	1 40	16 20	1 46	7 57	0 20	19 53	0 54	22 47	0 38	18 8	1 14	24 7	0 22	19 39	1 22	26 51	16 26	13 22	13 41	3 7		n.a.
T 20	8 51	19 2	2 49	16 12	1 34	7 50	0 12	20 3	0 54	22 46	0 39	18 10	1 14	24 7	0 22	19 39	1 22	26 51	16 26	13 23	13 40	3 5		n.a.
F 21	9 13	19 40	3 47	16 1	1 22	7 42	0 4	20 13	0 54	22 46	0 39	18 12	1 14	24 7	0 22	19 39	1 22	26 51	16 26	13 23	13 39	3 3		n.a.
S 22	9 34	19 12	4 31	15 48	1 9	7 33	0s 4	20 23	0 55	22 45	0 39	18 14	1 14	24 7	0 22	19 38	1 22	26 51	16 26	13 23	13 38	3 1		n.a.
S 23	9 55	17 47	5 0	15 32	0 55	7 23	0 11	20 32	0 55	22 45	0 39	18 16	1 14	24 7	0 22	19 38	1 22	26 50	16 27	13 23	13 37	2 59		n.a.
M24	10 17	15 34	5 15	15 15	0 40	7 13	0 19	20 41	0 55	22 44	0 40	18 18	1 13	24 7	0 22	19 38	1 22	26 50	16 27	13 23	13 36	2 57		n.a.
T 25	10 38	12 43	5 15	14 55	0 25	7 3	0 26	20 50	0 56	22 44	0 40	18 19	1 13	24 7	0 22	19 38	1 22	26 50	16 27	13 23	13 35	2 55		n.a.
W26	10 58	9 22	5 2	14 34	0 9	6 52	0 33	20 59	0 56	22 43	0 40	18 21	1 13	24 7	0 22	19 37	1 22	26 50	16 28	13 23	13 34	2 53		n.a.
T 27	11 19	5 41	4 36	14 11	0s 8	6 40	0 39	21 8	0 56	22 43	0 40	18 23	1 13	24 7	0 22	19 37	1 22	26 50	16 28	13 23	13 32	2 51		n.a.
F 28	11 40	1 46	3 58	13 47	0 25	6 27	0 46	21 17	0 56	22 43	0 41	18 25	1 13	24 7	0 22	19 37	1 22	26 50	16 28	13 23	13 31	2 49		n.a.
S 29	12 0	2s13	3 10	13 21	0 42	6 14	0 52	21 26	0 57	22 42	0 41	18 27	1 13	24 7	0 22	19 37	1 22	26 50	16 29	13 23	13 30	2 47		n.a.
S 30	12n20	6s10	2s13	12n55	0s59	6s 1	0s58	21n34	0n57	22s42	0s41	18n29	1s13	24n 7	0n22	19s36	1n22	26s50	16s29	13s22	13s29	2n44		n.a.

Julian Day Number = 1484466.5, Delta T = 05h19m56s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°02'00, Lahiri = -12°55'00 Julian Calendar 1 Apr. 649 BCE == Greg. Calendar 25 March 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

MAY 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 8 22	2♉57'19	22♎25	5°R53	18♓ 2	1♊36	21♑34	26♉41	27♊34	2°R27	0♓16	5°R 1	5♏18	13♍54	n.a.	M 1
T 2	14 12 18	3°54'34	4♏40	5♉20	18°52	2°14	21°37	26°48	27°37	2♐26	0°17	5°D 1	5°15	14° 1	n.a.	T 2
W 3	14 16 15	4°51'48	17° 8	4°46	19°42	2°52	21°40	26°56	27°39	2°24	0°18	5°R 1	5°12	14° 8	n.a.	W 3
T 4	14 20 11	5°49'01	29°47	4°13	20°33	3°30	21°43	27° 3	27°42	2°23	0°18	5♏ 1	5° 9	14°15	n.a.	T 4
F 5	14 24 8	6°46'14	12♐40	3°40	21°25	4° 8	21°45	27°11	27°45	2°21	0°19	5° 1	5° 5	14°21	n.a.	F 5
S 6	14 28 4	7°43'26	25°48	3° 8	22°18	4°46	21°48	27°18	27°47	2°20	0°20	5° 0	5° 2	14°28	n.a.	S 6
S 7	14 32 1	8°40'38	9♑10	2°38	23°11	5°24	21°50	27°26	27°50	2°19	0°20	5° 0	4°59	14°35	n.a.	S 7
M 8	14 35 57	9°37'49	22°47	2°10	24° 4	6° 2	21°52	27°34	27°53	2°17	0°21	5° 0	4°56	14°41	n.a.	M 8
T 9	14 39 54	10°35'00	6♒38	1°45	24°58	6°40	21°54	27°41	27°55	2°16	0°22	5°D 0	4°53	14°48	n.a.	T 9
W10	14 43 51	11°32'10	20°44	1°23	25°53	7°19	21°55	27°49	27°58	2°14	0°22	5° 0	4°49	14°55	n.a.	W10
T 11	14 47 47	12°29'20	5♓ 2	1° 5	26°48	7°57	21°57	27°57	28° 1	2°13	0°23	5° 0	4°46	15° 1	n.a.	T 11
F 12	14 51 44	13°26'30	19°30	0°50	27°44	8°35	21°58	28° 4	28° 4	2°11	0°24	5° 1	4°43	15° 8	n.a.	F 12
S 13	14 55 40	14°23'40	4♈ 4	0°39	28°40	9°13	21°59	28°12	28° 7	2°10	0°24	5° 1	4°40	15°15	n.a.	S 13
S 14	14 59 37	15°20'49	18°39	0°33	29°36	9°51	22° 0	28°20	28°10	2° 8	0°25	5° 2	4°37	15°21	n.a.	S 14
M15	15 3 33	16°17'59	3♉ 9	0°D31	0♈33	10°29	22° 1	28°27	28°12	2° 7	0°25	5°R 2	4°34	15°28	n.a.	M15
T 16	15 7 30	17°15'07	17°29	0°33	1°31	11° 7	22° 1	28°35	28°15	2° 5	0°26	5° 2	4°30	15°35	n.a.	T 16
W17	15 11 26	18°12'16	1♊34	0°41	2°28	11°45	22° 1	28°43	28°18	2° 3	0°26	5° 1	4°27	15°42	n.a.	W17
T 18	15 15 23	19° 9'24	15°19	0°52	3°27	12°23	22°R 2	28°51	28°21	2° 2	0°27	5° 0	4°24	15°48	n.a.	T 18
F 19	15 19 20	20° 6'32	28°43	1° 9	4°25	13° 1	22° 1	28°59	28°25	2° 0	0°27	4°58	4°21	15°55	n.a.	F 19
S 20	15 23 16	21° 3'39	11♋45	1°30	5°24	13°39	22° 1	29° 6	28°28	1°59	0°27	4°56	4°18	16° 2	n.a.	S 20
S 21	15 27 13	22° 0'46	24°26	1°56	6°23	14°17	22° 1	29°14	28°31	1°57	0°28	4°54	4°14	16° 8	n.a.	S 21
M22	15 31 9	22°57'52	6♌48	2°26	7°23	14°55	22° 0	29°22	28°34	1°56	0°28	4°52	4°11	16°15	n.a.	M22
T 23	15 35 6	23°54'58	18°57	3° 1	8°23	15°33	21°59	29°30	28°37	1°54	0°29	4°D51	4° 8	16°22	n.a.	T 23
W24	15 39 2	24°52'03	0♍54	3°41	9°23	16°11	21°58	29°38	28°40	1°52	0°29	4°51	4° 5	16°28	n.a.	W24
T 25	15 42 59	25°49'09	12°47	4°25	10°24	16°49	21°57	29°46	28°43	1°51	0°29	4°52	4° 2	16°35	n.a.	T 25
F 26	15 46 56	26°46'13	24°38	5°13	11°25	17°27	21°55	29°53	28°47	1°49	0°29	4°54	3°59	16°42	n.a.	F 26
S 27	15 50 52	27°43'18	6♎33	6° 6	12°26	18° 5	21°54	0♊ 1	28°50	1°48	0°30	4°55	3°55	16°48	n.a.	S 27
S 28	15 54 49	28°40'22	18°36	7° 3	13°27	18°43	21°52	0° 9	28°53	1°46	0°30	4°57	3°52	16°55	n.a.	S 28
M29	15 58 45	29°37'26	0♏50	8° 4	14°29	19°21	21°50	0°17	28°57	1°44	0°30	4°R58	3°49	17° 2	n.a.	M29
T 30	16 2 42	0♊34'30	13°18	9° 9	15°31	19°59	21°48	0°25	29° 0	1°43	0°30	4°57	3°46	17° 9	n.a.	T 30
W31	16 6 38	1♊31'34	26♏ 2	10♉19	16♈33	20♊37	21♑46	0♊33	29♊ 3	1♐41	0♓31	4♏56	3♏43	17♍15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n40	9s55	1s 9	12n28	1s16	5s47	1s 4	21n42	0n57	22s42	0s41	18n31	1s12	24n 7	0n22	19s36	1n22	26s50	16s29	13s22	13s28	2n42		n.a.
T 2	13 0	13 17	0 2	12 1	1 33	5 32	1 10	21 50	0 58	22 42	0 42	18 32	1 12	24 7	0 22	19 36	1 22	26 50	16 30	13 22	13 27	2 40		n.a.
W 3	13 19	16 7	1n 7	11 35	1 49	5 17	1 15	21 58	0 58	22 41	0 42	18 34	1 12	24 7	0 22	19 35	1 22	26 50	16 30	13 22	13 26	2 38		n.a.
T 4	13 39	18 13	2 13	11 8	2 5	5 1	1 20	22 6	0 58	22 41	0 42	18 36	1 12	24 7	0 22	19 35	1 22	26 50	16 30	13 22	13 25	2 36		n.a.
F 5	13 58	19 25	3 14	10 43	2 20	4 45	1 26	22 13	0 58	22 41	0 42	18 38	1 12	24 7	0 22	19 35	1 22	26 50	16 31	13 22	13 24	2 34		n.a.
S 6	14 17	19 36	4 6	10 19	2 34	4 29	1 30	22 21	0 59	22 41	0 43	18 40	1 12	24 7	0 22	19 35	1 22	26 50	16 31	13 22	13 23	2 32		n.a.
S 7	14 35	18 42	4 46	9 56	2 48	4 12	1 35	22 28	0 59	22 41	0 43	18 42	1 12	24 7	0 22	19 34	1 22	26 50	16 31	13 22	13 22	2 30		n.a.
M 8	14 54	16 43	5 10	9 35	3 0	3 54	1 40	22 35	0 59	22 41	0 43	18 44	1 12	24 7	0 22	19 34	1 22	26 50	16 32	13 22	13 21	2 28		n.a.
T 9	15 12	13 45	5 17	9 16	3 11	3 37	1 44	22 42	0 59	22 41	0 43	18 45	1 11	24 7	0 22	19 34	1 22	26 50	16 32	13 22	13 20	2 26		n.a.
W10	15 30	9 58	5 5	8 58	3 21	3 18	1 48	22 49	1 0	22 41	0 44	18 47	1 11	24 7	0 22	19 33	1 22	26 51	16 32	13 22	13 18	2 24		n.a.
T 11	15 48	5 32	4 35	8 44	3 30	3 0	1 52	22 55	1 0	22 41	0 44	18 49	1 11	24 8	0 22	19 33	1 22	26 51	16 33	13 22	13 17	2 22		n.a.
F 12	16 5	0 45	3 47	8 32	3 38	2 41	1 56	23 2	1 0	22 41	0 44	18 51	1 11	24 8	0 22	19 33	1 22	26 51	16 33	13 22	13 16	2 20		n.a.
S 13	16 23	4n 8	2 43	8 22	3 44	2 21	1 59	23 8	1 0	22 41	0 45	18 53	1 11	24 8	0 22	19 32	1 22	26 51	16 33	13 23	13 15	2 17		n.a.
S 14	16 40	8 47	1 30	8 15	3 49	2 2	2 3	23 14	1 1	22 41	0 45	18 55	1 11	24 8	0 22	19 32	1 22	26 51	16 34	13 23	13 14	2 15		n.a.
M15	16 57	12 54	0 10	8 11	3 53	1 42	2 6	23 20	1 1	22 41	0 45	18 57	1 11	24 8	0 22	19 32	1 22	26 51	16 34	13 23	13 13	2 13		n.a.
T 16	17 13	16 11	1s 8	8 9	3 56	1 22	2 9	23 26	1 1	22 41	0 45	18 58	1 11	24 8	0 22	19 31	1 22	26 51	16 34	13 23	13 12	2 11		n.a.
W17	17 29	18 27	2 22	8 10	3 57	1 1	2 12	23 31	1 1	22 42	0 46	19 0	1 11	24 8	0 22	19 31	1 22	26 51	16 35	13 22	13 11	2 9		n.a.
T 18	17 45	19 33	3 25	8 14	3 57	0 40	2 15	23 37	1 2	22 42	0 46	19 2	1 11	24 8	0 22	19 31	1 22	26 52	16 35	13 22	13 10	2 7		n.a.
F 19	18 1	19 31	4 15	8 20	3 57	0 19	2 17	23 42	1 2	22 42	0 46	19 4	1 10	24 8	0 22	19 31	1 22	26 52	16 36	13 21	13 9	2 5		n.a.
S 20	18 16	18 25	4 50	8 29	3 55	0n 3	2 20	23 47	1 2	22 42	0 46	19 6	1 10	24 8	0 22	19 30	1 22	26 52	16 36	13 21	13 8	2 3		n.a.
S 21	18 31	16 26	5 11	8 41	3 52	0 24	2 22	23 52	1 2	22 43	0 47	19 7	1 10	24 8	0 22	19 30	1 22	26 52	16 36	13 20	13 7	2 1		n.a.
M22	18 46	13 44	5 16	8 55	3 48	0 46	2 24	23 56	1 3	22 43	0 47	19 9	1 10	24 8	0 22	19 30	1 22	26 52	16 37	13 19	13 5	1 59		n.a.
T 23	19 1	10 30	5 6	9 12	3 43	1 8	2 26	24 1	1 3	22 44	0 47	19 11	1 10	24 8	0 22	19 29	1 22	26 53	16 37	13 19	13 4	1 57		n.a.
W24	19 15	6 53	4 44	9 30	3 38	1 30	2 28	24 5	1 3	22 44	0 48	19 13	1 10	24 8	0 22	19 29	1 22	26 53	16 37	13 19	13 3	1 55		n.a.
T 25	19 29	3 1	4 9	9 51	3 32	1 53	2 30	24 9	1 3	22 44	0 48	19 15	1 10	24 8	0 22	19 29	1 22	26 53	16 38	13 19	13 2	1 53		n.a.
F 26	19 42	0s57	3 24	10 14	3 24	2 16	2 31	24 13	1 3	22 45	0 48	19 16	1 10	24 8	0 22	19 28	1 22	26 53	16 38	13 20	13 1	1 51		n.a.
S 27	19 56	4 56	2 30	10 39	3 17	2 39	2 32	24 17	1 4	22 45	0 48	19 18	1 10	24 8	0 22	19 28	1 22	26 54	16 39	13 20	13 0	1 48		n.a.
S 28	20 8	8 45	1 29	11 6	3 8	3 2	2 34	24 21	1 4	22 46	0 49	19 20	1 10	24 8	0 22	19 28	1 22	26 54	16 39	13 21	12 59	1 46		n.a.
M29	20 21	12 17	0 23	11 34	2 59	3 25	2 35	24 24	1 4	22 47	0 49	19 22	1 10	24 8	0 22	19 27	1 22	26 54	16 39	13 21	12 58	1 44		n.a.
T 30	20 33	15 19	0n46	12 4	2 49	3 48	2 36	24 27	1 4	22 47	0 49	19 23	1 9	24 8	0 22	19 27	1 22	26 54	16 40	13 21	12 57	1 42		n.a.
W31	20n45	17s42	1n53	12n36	2s39	4n11	2s37	24n30	1n 4	22s48	0s49	19n25	1s 9	24n 8	0n22	19s27	1n22	26s55	16s40	13s21	12s56	1n40		n.a.

Julian Day Number = 1484496.5, Delta T = 05h19m54s
Ecliptic obliquity = 23°46'17, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'56, Lahiri = -12°54'55 Julian Calendar 1 May 649 BCE == Greg. Calendar 24 Apr. 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

JUNE 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 10 35	2♊28'39	9♐ 2	11♉32	17♈36	21♊15	21°R43	0♊41	29♊ 7	1°R40	0♓31	4°R53	3♏40	17♍22	n.a.	T 1
F 2	16 14 31	3°25'43	22°19	12°50	18°39	21°53	21♑40	0°48	29°10	1♐38	0°31	4♏50	3°36	17°29	n.a.	F 2
S 3	16 18 28	4°22'48	5♑50	14°11	19°42	22°31	21°37	0°56	29°14	1°36	0°31	4°45	3°33	17°35	n.a.	S 3
S 4	16 22 25	5°19'53	19°35	15°36	20°45	23° 9	21°34	1° 4	29°17	1°35	0°31	4°41	3°30	17°42	n.a.	S 4
M 5	16 26 21	6°16'59	3♒29	17° 6	21°49	23°47	21°31	1°12	29°20	1°33	0°31	4°37	3°27	17°49	n.a.	M 5
T 6	16 30 18	7°14'05	17°32	18°39	22°52	24°25	21°27	1°20	29°24	1°31	0°31	4°34	3°24	17°55	n.a.	T 6
W 7	16 34 14	8°11'12	1♓40	20°15	23°56	25° 3	21°24	1°28	29°27	1°30	0°R31	4°33	3°20	18° 2	n.a.	W 7
T 8	16 38 11	9° 8'20	15°52	21°55	25° 1	25°41	21°20	1°36	29°31	1°28	0°31	4°D33	3°17	18° 9	n.a.	T 8
F 9	16 42 7	10° 5'28	0♈ 4	23°39	26° 5	26°19	21°16	1°43	29°34	1°27	0°31	4°34	3°14	18°15	n.a.	F 9
S 10	16 46 4	11° 2'37	14°17	25°26	27°10	26°57	21°12	1°51	29°38	1°25	0°31	4°35	3°11	18°22	n.a.	S 10
S 11	16 50 0	11°59'47	28°26	27°16	28°14	27°35	21° 7	1°59	29°42	1°23	0°31	4°R36	3° 8	18°29	n.a.	S 11
M12	16 53 57	12°56'57	12♉30	29° 9	29°19	28°13	21° 3	2° 7	29°45	1°22	0°31	4°36	3° 5	18°35	n.a.	M12
T 13	16 57 54	13°54'08	26°26	1♊ 4	0♉25	28°51	20°58	2°14	29°49	1°20	0°31	4°34	3° 1	18°42	n.a.	T 13
W14	17 1 50	14°51'20	10♊10	3° 2	1°30	29°29	20°53	2°22	29°52	1°19	0°31	4°31	2°58	18°49	n.a.	W14
T 15	17 5 47	15°48'33	23°39	5° 3	2°36	0♋ 7	20°48	2°30	29°56	1°17	0°30	4°25	2°55	18°55	n.a.	T 15
F 16	17 9 43	16°45'46	6♋53	7° 5	3°41	0°45	20°43	2°38	29°59	1°16	0°30	4°18	2°52	19° 2	n.a.	F 16
S 17	17 13 40	17°43'00	19°48	9° 8	4°47	1°23	20°38	2°45	0♋ 3	1°14	0°30	4°11	2°49	19° 9	n.a.	S 17
S 18	17 17 36	18°40'14	2♌25	11°13	5°53	2° 1	20°33	2°53	0° 7	1°13	0°30	4° 4	2°46	19°16	n.a.	S 18
M19	17 21 33	19°37'29	14°47	13°19	7° 0	2°39	20°27	3° 1	0°10	1°11	0°30	3°58	2°42	19°22	n.a.	M19
T 20	17 25 30	20°34'44	26°54	15°26	8° 6	3°17	20°21	3° 8	0°14	1°10	0°29	3°53	2°39	19°29	n.a.	T 20
W21	17 29 26	21°32'00	8♍51	17°33	9°13	3°55	20°15	3°16	0°18	1° 8	0°29	3°50	2°36	19°36	n.a.	W21
T 22	17 33 23	22°29'16	20°43	19°40	10°19	4°33	20° 9	3°24	0°21	1° 7	0°29	3°D49	2°33	19°42	n.a.	T 22
F 23	17 37 19	23°26'33	2♎34	21°46	11°26	5°11	20° 3	3°31	0°25	1° 5	0°28	3°50	2°30	19°49	n.a.	F 23
S 24	17 41 16	24°23'51	14°29	23°53	12°33	5°49	19°57	3°39	0°29	1° 4	0°28	3°51	2°26	19°56	n.a.	S 24
S 25	17 45 12	25°21'09	26°34	25°58	13°40	6°27	19°51	3°46	0°32	1° 2	0°28	3°52	2°23	20° 2	n.a.	S 25
M26	17 49 9	26°18'28	8♏53	28° 3	14°48	7° 5	19°44	3°54	0°36	1° 1	0°27	3°R52	2°20	20° 9	n.a.	M26
T 27	17 53 5	27°15'48	21°30	0♋ 7	15°55	7°43	19°37	4° 1	0°40	0°59	0°27	3°51	2°17	20°16	n.a.	T 27
W28	17 57 2	28°13'09	4♐27	2°10	17° 3	8°21	19°31	4° 9	0°43	0°58	0°26	3°47	2°14	20°22	n.a.	W28
T 29	18 0 59	29°10'31	17°46	4°11	18°11	8°59	19°24	4°16	0°47	0°57	0°26	3°41	2°11	20°29	n.a.	T 29
F 30	18 4 55	0♋ 7'53	1♑26	6♋11	19♉18	9♋37	19♑17	4♊23	0♋51	0♐55	0♓25	3♏33	2♏ 7	20♍36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n57	19s13	2n56	13n 9	2s29	4n35	2s37	24n33	1n 4	22s49	0s50	19n27	1s 9	24n 8	0n22	19s26	1n22	26s55	16s40	13s20	12s55	1n38		n.a.
F 2	21 8	19 42	3 51	13 43	2 18	4 58	2 38	24 36	1 5	22 49	0 50	19 28	1 9	24 8	0 22	19 26	1 22	26 55	16 41	13 19	12 53	1 36		n.a.
S 3	21 19	19 5	4 34	14 19	2 6	5 22	2 38	24 38	1 5	22 50	0 50	19 30	1 9	24 8	0 22	19 26	1 22	26 55	16 41	13 17	12 52	1 34		n.a.
S 4	21 29	17 21	5 2	14 55	1 54	5 46	2 39	24 40	1 5	22 51	0 51	19 32	1 9	24 8	0 22	19 25	1 22	26 56	16 42	13 16	12 51	1 32		n.a.
M 5	21 39	14 35	5 12	15 32	1 42	6 10	2 39	24 42	1 5	22 52	0 51	19 34	1 9	24 8	0 22	19 25	1 22	26 56	16 42	13 14	12 50	1 30		n.a.
T 6	21 49	10 58	5 4	16 10	1 30	6 33	2 39	24 44	1 5	22 52	0 51	19 35	1 9	24 8	0 22	19 25	1 22	26 56	16 42	13 13	12 49	1 28		n.a.
W 7	21 59	6 42	4 38	16 48	1 18	6 57	2 39	24 46	1 6	22 53	0 51	19 37	1 9	24 8	0 22	19 25	1 22	26 57	16 43	13 13	12 48	1 26		n.a.
T 8	22 8	2 3	3 55	17 27	1 6	7 21	2 39	24 48	1 6	22 54	0 52	19 39	1 9	24 8	0 22	19 24	1 22	26 57	16 43	13 13	12 47	1 24		n.a.
F 9	22 16	2n44	2 57	18 5	0 53	7 45	2 38	24 49	1 6	22 55	0 52	19 40	1 9	24 8	0 22	19 24	1 22	26 57	16 43	13 13	12 46	1 22		n.a.
S 10	22 25	7 22	1 49	18 43	0 41	8 9	2 38	24 50	1 6	22 56	0 52	19 42	1 9	24 8	0 22	19 24	1 22	26 58	16 44	13 14	12 45	1 20		n.a.
S 11	22 32	11 35	0 34	19 21	0 29	8 33	2 38	24 51	1 6	22 57	0 52	19 44	1 9	24 8	0 22	19 23	1 22	26 58	16 44	13 14	12 44	1 18		n.a.
M12	22 40	15 7	0s43	19 59	0 16	8 56	2 37	24 52	1 6	22 58	0 53	19 45	1 9	24 8	0 22	19 23	1 22	26 59	16 45	13 14	12 42	1 15		n.a.
T 13	22 47	17 45	1 56	20 35	0 5	9 20	2 36	24 52	1 6	22 59	0 53	19 47	1 9	24 8	0 22	19 23	1 22	26 59	16 45	13 13	12 41	1 13		n.a.
W14	22 54	19 18	3 1	21 10	0n 7	9 44	2 36	24 53	1 7	23 0	0 53	19 48	1 8	24 8	0 22	19 22	1 22	26 59	16 45	13 12	12 40	1 11		n.a.
T 15	23 0	19 43	3 55	21 44	0 18	10 7	2 35	24 53	1 7	23 1	0 53	19 50	1 8	24 8	0 22	19 22	1 22	27 0	16 46	13 10	12 39	1 9		n.a.
F 16	23 6	19 1	4 34	22 16	0 29	10 31	2 34	24 53	1 7	23 2	0 54	19 51	1 8	24 8	0 22	19 22	1 22	27 0	16 46	13 8	12 38	1 7		n.a.
S 17	23 12	17 21	4 59	22 46	0 39	10 54	2 32	24 53	1 7	23 3	0 54	19 53	1 8	24 8	0 22	19 21	1 22	27 1	16 46	13 5	12 37	1 5		n.a.
S 18	23 17	14 53	5 8	23 14	0 48	11 18	2 31	24 52	1 7	23 4	0 54	19 55	1 8	24 8	0 22	19 21	1 22	27 1	16 47	13 3	12 36	1 3		n.a.
M19	23 22	11 48	5 3	23 40	0 57	11 41	2 30	24 52	1 7	23 5	0 54	19 56	1 8	24 8	0 22	19 21	1 22	27 1	16 47	13 1	12 35	1 1		n.a.
T 20	23 26	8 16	4 44	24 3	1 6	12 4	2 29	24 51	1 7	23 6	0 55	19 58	1 8	24 8	0 22	19 21	1 22	27 2	16 47	12 59	12 34	0 59		n.a.
W21	23 30	4 27	4 13	24 24	1 13	12 26	2 27	24 50	1 7	23 7	0 55	19 59	1 8	24 8	0 22	19 20	1 22	27 2	16 48	12 58	12 33	0 57		n.a.
T 22	23 33	0 30	3 31	24 42	1 20	12 49	2 26	24 49	1 8	23 9	0 55	20 1	1 8	24 8	0 22	19 20	1 22	27 3	16 48	12 58	12 31	0 55		n.a.
F 23	23 36	3s29	2 41	24 57	1 26	13 12	2 24	24 48	1 8	23 10	0 55	20 2	1 8	24 8	0 22	19 20	1 22	27 3	16 49	12 58	12 30	0 53		n.a.
S 24	23 39	7 22	1 43	25 9	1 32	13 34	2 22	24 46	1 8	23 11	0 56	20 4	1 8	24 8	0 22	19 19	1 22	27 4	16 49	12 58	12 29	0 51		n.a.
S 25	23 41	11 0	0 39	25 19	1 36	13 56	2 20	24 45	1 8	23 12	0 56	20 5	1 8	24 8	0 22	19 19	1 22	27 4	16 49	12 59	12 28	0 49		n.a.
M26	23 43	14 14	0n27	25 26	1 40	14 18	2 18	24 43	1 8	23 13	0 56	20 7	1 8	24 8	0 22	19 19	1 22	27 5	16 50	12 59	12 27	0 47		n.a.
T 27	23 45	16 53	1 33	25 30	1 43	14 39	2 16	24 41	1 8	23 14	0 56	20 8	1 8	24 8	0 22	19 19	1 22	27 5	16 50	12 58	12 26	0 45		n.a.
W28	23 46	18 46	2 37	25 31	1 46	15 1	2 14	24 38	1 8	23 16	0 56	20 9	1 8	24 8	0 22	19 18	1 22	27 6	16 50	12 57	12 25	0 43		n.a.
T 29	23 46	19 40	3 33	25 30	1 48	15 22	2 12	24 36	1 8	23 17	0 57	20 11	1 8	24 8	0 22	19 18	1 21	27 6	16 51	12 55	12 24	0 41		n.a.
F 30	23n46	19s27	4n19	25n26	1n49	15n43	2s10	24n33	1n 8	23s18	0s57	20n12	1s 8	24n 8	0n22	19s18	1n21	27s 6	16s51	12s52	12s23	0n39		n.a.

Julian Day Number = 1484527.5, Delta T = 05h19m53s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'52, Lahiri = -12°54'51 Julian Calendar 1 June 649 BCE == Greg. Calendar 25 May 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

JULY 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 8 52	1♋ 5'17	15♉24	8♋10	20♉26	10♋15	19°R10	4♊31	0♋55	0°R54	0°R25	3°R24	2♏ 4	20♍42	n.a.	S 1
S 2	18 12 48	2° 2'42	29°35	10° 7	21°35	10°53	19♉ 3	4°38	0°58	0♐53	0♓24	3♏15	2° 1	20°49	n.a.	S 2
M 3	18 16 45	3° 0'09	13♒55	12° 3	22°43	11°32	18°56	4°45	1° 2	0°51	0°24	3° 7	1°58	20°56	n.a.	M 3
T 4	18 20 41	3°57'37	28°18	13°57	23°51	12°10	18°48	4°53	1° 6	0°50	0°23	3° 0	1°55	21° 2	n.a.	T 4
W 5	18 24 38	4°55'06	12♓38	15°50	25° 0	12°48	18°41	5° 0	1° 9	0°49	0°23	2°56	1°52	21° 9	n.a.	W 5
T 6	18 28 34	5°52'36	26°54	17°41	26° 9	13°26	18°33	5° 7	1°13	0°47	0°22	2°54	1°48	21°16	n.a.	T 6
F 7	18 32 31	6°50'09	11♈ 2	19°31	27°17	14° 4	18°26	5°14	1°17	0°46	0°22	2°D54	1°45	21°22	n.a.	F 7
S 8	18 36 28	7°47'43	25° 1	21°19	28°26	14°42	18°18	5°21	1°20	0°45	0°21	2°54	1°42	21°29	n.a.	S 8
S 9	18 40 24	8°45'18	8♉51	23° 6	29°35	15°20	18°11	5°28	1°24	0°44	0°20	2°R55	1°39	21°36	n.a.	S 9
M10	18 44 21	9°42'55	22°31	24°51	0♊45	15°59	18° 3	5°35	1°28	0°43	0°20	2°53	1°36	21°43	n.a.	M10
T 11	18 48 17	10°40'34	6♊ 2	26°35	1°54	16°37	17°55	5°42	1°31	0°41	0°19	2°49	1°32	21°49	n.a.	T 11
W12	18 52 14	11°38'15	19°23	28°17	3° 3	17°15	17°48	5°49	1°35	0°40	0°18	2°42	1°29	21°56	n.a.	W12
T 13	18 56 10	12°35'57	2♋32	29°58	4°13	17°53	17°40	5°56	1°39	0°39	0°17	2°33	1°26	22° 3	n.a.	T 13
F 14	19 0 7	13°33'41	15°28	1♌37	5°22	18°31	17°32	6° 3	1°42	0°38	0°17	2°22	1°23	22° 9	n.a.	F 14
S 15	19 4 3	14°31'26	28°10	3°15	6°32	19°10	17°24	6° 9	1°46	0°37	0°16	2°10	1°20	22°16	n.a.	S 15
S 16	19 8 0	15°29'12	10♌38	4°52	7°42	19°48	17°16	6°16	1°50	0°36	0°15	1°57	1°17	22°23	n.a.	S 16
M17	19 11 57	16°27'00	22°53	6°27	8°52	20°26	17° 8	6°23	1°53	0°35	0°14	1°46	1°13	22°29	n.a.	M17
T 18	19 15 53	17°24'49	4♍57	8° 0	10° 2	21° 4	17° 0	6°29	1°57	0°34	0°14	1°37	1°10	22°36	n.a.	T 18
W19	19 19 50	18°22'40	16°51	9°33	11°12	21°43	16°53	6°36	2° 0	0°33	0°13	1°31	1° 7	22°43	n.a.	W19
T 20	19 23 46	19°20'32	28°41	11° 3	12°22	22°21	16°45	6°43	2° 4	0°32	0°12	1°27	1° 4	22°49	n.a.	T 20
F 21	19 27 43	20°18'25	10♎30	12°33	13°33	22°59	16°37	6°49	2° 8	0°31	0°11	1°26	1° 1	22°56	n.a.	F 21
S 22	19 31 39	21°16'20	22°23	14° 1	14°43	23°38	16°29	6°55	2°11	0°30	0°10	1°D25	0°58	23° 3	n.a.	S 22
S 23	19 35 36	22°14'17	4♏27	15°27	15°54	24°16	16°21	7° 2	2°15	0°29	0° 9	1°R25	0°54	23° 9	n.a.	S 23
M24	19 39 32	23°12'14	16°46	16°52	17° 4	24°54	16°13	7° 8	2°18	0°29	0° 8	1°25	0°51	23°16	n.a.	M24
T 25	19 43 29	24°10'14	29°26	18°15	18°15	25°33	16° 6	7°14	2°22	0°28	0° 8	1°22	0°48	23°23	n.a.	T 25
W26	19 47 26	25° 8'14	12♐29	19°37	19°26	26°11	15°58	7°20	2°25	0°27	0° 7	1°17	0°45	23°29	n.a.	W26
T 27	19 51 22	26° 6'17	25°59	20°57	20°37	26°49	15°50	7°26	2°29	0°26	0° 6	1°10	0°42	23°36	n.a.	T 27
F 28	19 55 19	27° 4'21	9♑55	22°16	21°48	27°28	15°43	7°33	2°32	0°26	0° 5	1° 0	0°38	23°43	n.a.	F 28
S 29	19 59 15	28° 2'27	24°14	23°33	22°59	28° 6	15°35	7°39	2°36	0°25	0° 4	0°49	0°35	23°49	n.a.	S 29
S 30	20 3 12	29° 0'34	8♒50	24°48	24°10	28°45	15°28	7°44	2°39	0°24	0° 3	0°37	0°32	23°56	n.a.	S 30
M31	20 7 8	29♋58'44	23♒36	26♌ 2	25♊21	29♋23	15♉20	7♊50	2♋42	0♐24	0♓ 2	0♏27	0♏29	24♍ 3	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	18s 4	4n50	25n20	1n49	16n 3	2s 8	24n30	1n 9	23s19	0s57	20n14	1s 8	24n 8	0n22	19s18	1n21	27s 7	16s51	12s49	12s21	0n36		n.a.
S 2	23 45	15 34	5 4	25 12	1 49	16 23	2 6	24 27	1 9	23 20	0 57	20 15	1 8	24 8	0 22	19 17	1 21	27 7	16 52	12 46	12 20	0 34		n.a.
M 3	23 44	12 6	4 59	25 1	1 49	16 43	2 3	24 24	1 9	23 22	0 57	20 16	1 8	24 8	0 22	19 17	1 21	27 8	16 52	12 43	12 19	0 32		n.a.
T 4	23 43	7 55	4 36	24 48	1 47	17 3	2 1	24 21	1 9	23 23	0 58	20 18	1 8	24 8	0 22	19 17	1 21	27 8	16 52	12 41	12 18	0 30		n.a.
W 5	23 41	3 18	3 55	24 34	1 45	17 22	1 58	24 17	1 9	23 24	0 58	20 19	1 8	24 8	0 22	19 17	1 21	27 9	16 53	12 40	12 17	0 28		n.a.
T 6	23 38	1n30	3 0	24 17	1 43	17 41	1 56	24 14	1 9	23 25	0 58	20 20	1 8	24 8	0 22	19 16	1 21	27 9	16 53	12 39	12 16	0 26		n.a.
F 7	23 36	6 10	1 54	23 59	1 40	17 59	1 53	24 10	1 9	23 27	0 58	20 22	1 8	24 8	0 22	19 16	1 21	27 10	16 53	12 39	12 15	0 24		n.a.
S 8	23 32	10 28	0 42	23 39	1 37	18 18	1 50	24 5	1 9	23 28	0 58	20 23	1 8	24 8	0 22	19 16	1 21	27 11	16 53	12 39	12 14	0 22		n.a.
S 9	23 29	14 9	0s32	23 17	1 33	18 35	1 48	24 1	1 9	23 29	0 59	20 24	1 8	24 8	0 22	19 16	1 21	27 11	16 54	12 39	12 13	0 20		n.a.
M10	23 25	17 0	1 42	22 55	1 29	18 53	1 45	23 57	1 9	23 30	0 59	20 26	1 8	24 8	0 22	19 16	1 21	27 12	16 54	12 38	12 11	0 18		n.a.
T 11	23 20	18 53	2 47	22 30	1 24	19 10	1 42	23 52	1 9	23 32	0 59	20 27	1 7	24 8	0 22	19 15	1 21	27 12	16 54	12 37	12 10	0 16		n.a.
W12	23 15	19 41	3 41	22 5	1 19	19 26	1 39	23 47	1 9	23 33	0 59	20 28	1 7	24 8	0 22	19 15	1 21	27 13	16 55	12 35	12 9	0 14		n.a.
T 13	23 10	19 23	4 22	21 38	1 14	19 42	1 36	23 42	1 9	23 34	0 59	20 29	1 7	24 8	0 22	19 15	1 21	27 13	16 55	12 32	12 8	0 12		n.a.
F 14	23 4	18 5	4 49	21 11	1 8	19 58	1 34	23 37	1 9	23 35	0 59	20 30	1 7	24 8	0 22	19 15	1 21	27 14	16 55	12 28	12 7	0 10		n.a.
S 15	22 58	15 54	5 1	20 42	1 2	20 13	1 31	23 32	1 9	23 36	1 0	20 32	1 7	24 8	0 22	19 15	1 21	27 14	16 56	12 23	12 6	0 8		n.a.
S 16	22 51	13 2	4 58	20 13	0 56	20 27	1 28	23 26	1 10	23 38	1 0	20 33	1 7	24 8	0 22	19 15	1 21	27 15	16 56	12 19	12 5	0 6		n.a.
M17	22 45	9 39	4 42	19 43	0 49	20 42	1 25	23 20	1 10	23 39	1 0	20 34	1 7	24 8	0 22	19 14	1 21	27 15	16 56	12 15	12 4	0 4		n.a.
T 18	22 37	5 55	4 13	19 12	0 42	20 55	1 22	23 14	1 10	23 40	1 0	20 35	1 7	24 8	0 22	19 14	1 21	27 16	16 56	12 12	12 3	0 2		n.a.
W19	22 29	2 0	3 33	18 40	0 35	21 8	1 18	23 8	1 10	23 41	1 0	20 36	1 7	24 8	0 22	19 14	1 21	27 16	16 57	12 10	12 1	0s 0		n.a.
T 20	22 21	1s58	2 44	18 8	0 28	21 21	1 15	23 2	1 10	23 42	1 0	20 37	1 7	24 8	0 22	19 14	1 21	27 17	16 57	12 9	12 0	0 2		n.a.
F 21	22 13	5 52	1 49	17 36	0 20	21 33	1 12	22 56	1 10	23 43	1 0	20 38	1 7	24 8	0 22	19 14	1 21	27 18	16 57	12 8	11 59	0 4		n.a.
S 22	22 4	9 34	0 48	17 3	0 12	21 44	1 9	22 49	1 10	23 44	1 1	20 40	1 7	24 8	0 22	19 14	1 21	27 18	16 57	12 8	11 58	0 6		n.a.
S 23	21 54	12 56	0n16	16 29	0 4	21 55	1 6	22 42	1 10	23 45	1 1	20 41	1 7	24 8	0 22	19 13	1 21	27 19	16 58	12 8	11 57	0 8		n.a.
M24	21 45	15 48	1 20	15 56	0s 4	22 6	1 3	22 35	1 10	23 46	1 1	20 42	1 7	24 8	0 23	19 13	1 20	27 19	16 58	12 8	11 56	0 10		n.a.
T 25	21 35	17 59	2 23	15 22	0 13	22 15	1 0	22 28	1 10	23 48	1 1	20 43	1 7	24 8	0 23	19 13	1 20	27 20	16 58	12 7	11 55	0 12		n.a.
W26	21 24	19 19	3 19	14 48	0 21	22 24	0 56	22 21	1 10	23 49	1 1	20 44	1 7	24 7	0 23	19 13	1 20	27 20	16 58	12 5	11 54	0 14		n.a.
T 27	21 13	19 36	4 6	14 14	0 30	22 33	0 53	22 14	1 10	23 50	1 1	20 45	1 7	24 7	0 23	19 13	1 20	27 21	16 59	12 2	11 52	0 16		n.a.
F 28	21 2	18 44	4 41	13 40	0 39	22 41	0 50	22 6	1 10	23 51	1 1	20 46	1 7	24 7	0 23	19 13	1 20	27 22	16 59	11 59	11 51	0 18		n.a.
S 29	20 50	16 40	4 59	13 7	0 48	22 48	0 47	21 58	1 10	23 52	1 1	20 47	1 7	24 7	0 23	19 13	1 20	27 22	16 59	11 55	11 50	0 20		n.a.
S 30	20 38	13 31	4 57	12 33	0 57	22 55	0 43	21 50	1 10	23 53	1 1	20 48	1 7	24 7	0 23	19 13	1 20	27 23	16 59	11 51	11 49	0 22		n.a.
M31	20n26	9s29	4n37	11n59	1s 6	23n 1	0s40	21n42	1n10	23s53	1s 1	20n49	1s 7	24n 7	0n23	19s13	1n20	27s23	16s59	11s47	11s48	0s24		n.a.

Julian Day Number = 1484557.5, Delta T = 05h19m51s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'48, Lahiri = -12°54'47 Julian Calendar 1 July 649 BCE == Greg. Calendar 24 June 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

AUGUST 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 11 5	0♌56'55	8♓23	27♌13	26♊33	0♌ 1	15°R13	7♊56	2♋46	0°R23	0°R 1	0°R18	0♏26	24♍ 9	n.a.	T 1
W 2	20 15 1	1°55'08	23° 5	28°23	27°44	0°40	15♉ 6	8° 2	2°49	0♐22	29♒59	0♏12	0°23	24°16	n.a.	W 2
T 3	20 18 58	2°53'24	7♈34	29°30	28°56	1°18	14°59	8° 7	2°52	0°22	29°59	0° 9	0°19	24°23	n.a.	T 3
F 4	20 22 55	3°51'42	21°48	0♍36	0♋ 7	1°57	14°52	8°13	2°56	0°21	29°58	0° 8	0°16	24°29	n.a.	F 4
S 5	20 26 51	4°50'02	5♉46	1°39	1°19	2°35	14°45	8°18	2°59	0°21	29°57	0° 8	0°13	24°36	n.a.	S 5
S 6	20 30 48	5°48'24	19°27	2°40	2°31	3°14	14°38	8°24	3° 2	0°21	29°56	0° 8	0°10	24°43	n.a.	S 6
M 7	20 34 44	6°46'49	2♊53	3°38	3°43	3°52	14°31	8°29	3° 6	0°20	29°54	0° 6	0° 7	24°49	n.a.	M 7
T 8	20 38 41	7°45'15	16° 6	4°33	4°55	4°31	14°25	8°35	3° 9	0°20	29°53	0° 1	0° 3	24°56	n.a.	T 8
W 9	20 42 37	8°43'45	29° 6	5°26	6° 7	5°10	14°18	8°40	3°12	0°19	29°52	29♎54	0° 0	25° 3	n.a.	W 9
T 10	20 46 34	9°42'16	11♋54	6°15	7°19	5°48	14°12	8°45	3°15	0°19	29°51	29°44	29♎57	25° 9	n.a.	T 10
F 11	20 50 30	10°40'49	24°32	7° 1	8°31	6°27	14° 5	8°50	3°18	0°19	29°50	29°32	29°54	25°16	n.a.	F 11
S 12	20 54 27	11°39'25	6♌58	7°44	9°44	7° 5	13°59	8°55	3°21	0°18	29°49	29°19	29°51	25°23	n.a.	S 12
S 13	20 58 23	12°38'02	19°14	8°22	10°56	7°44	13°53	9° 0	3°24	0°18	29°48	29° 5	29°48	25°29	n.a.	S 13
M14	21 2 20	13°36'42	1♍20	8°57	12° 9	8°23	13°47	9° 5	3°28	0°18	29°47	28°53	29°44	25°36	n.a.	M14
T 15	21 6 17	14°35'23	13°17	9°27	13°21	9° 1	13°41	9° 9	3°31	0°18	29°46	28°43	29°41	25°43	n.a.	T 15
W16	21 10 13	15°34'07	25° 8	9°52	14°34	9°40	13°36	9°14	3°34	0°18	29°44	28°36	29°38	25°49	n.a.	W16
T 17	21 14 10	16°32'52	6♎55	10°12	15°46	10°19	13°30	9°19	3°36	0°18	29°43	28°31	29°35	25°56	n.a.	T 17
F 18	21 18 6	17°31'40	18°43	10°26	16°59	10°58	13°25	9°23	3°39	0°18	29°42	28°29	29°32	26° 3	n.a.	F 18
S 19	21 22 3	18°30'29	0♏34	10°34	18°12	11°36	13°20	9°27	3°42	0°D18	29°41	28°D28	29°29	26° 9	n.a.	S 19
S 20	21 25 59	19°29'20	12°36	10°R37	19°25	12°15	13°15	9°32	3°45	0°18	29°40	28°29	29°25	26°16	n.a.	S 20
M21	21 29 56	20°28'13	24°52	10°32	20°38	12°54	13°10	9°36	3°48	0°18	29°39	28°R29	29°22	26°23	n.a.	M21
T 22	21 33 52	21°27'08	7♐29	10°20	21°51	13°33	13° 6	9°40	3°51	0°18	29°37	28°28	29°19	26°29	n.a.	T 22
W23	21 37 49	22°26'04	20°31	10° 2	23° 4	14°11	13° 1	9°44	3°53	0°18	29°36	28°24	29°16	26°36	n.a.	W23
T 24	21 41 46	23°25'03	4♑ 0	9°35	24°17	14°50	12°57	9°48	3°56	0°18	29°35	28°19	29°13	26°43	n.a.	T 24
F 25	21 45 42	24°24'04	18° 0	9° 1	25°31	15°29	12°53	9°52	3°59	0°18	29°34	28°11	29° 9	26°49	n.a.	F 25
S 26	21 49 39	25°23'06	2♒27	8°20	26°44	16° 8	12°49	9°56	4° 2	0°18	29°33	28° 2	29° 6	26°56	n.a.	S 26
S 27	21 53 35	26°22'10	17°16	7°32	27°57	16°47	12°45	9°59	4° 4	0°19	29°32	27°52	29° 3	27° 3	n.a.	S 27
M28	21 57 32	27°21'17	2♓20	6°37	29°11	17°26	12°42	10° 3	4° 7	0°19	29°30	27°43	29° 0	27° 9	n.a.	M28
T 29	22 1 28	28°20'26	17°28	5°37	0♌24	18° 5	12°38	10° 6	4° 9	0°19	29°29	27°36	28°57	27°16	n.a.	T 29
W30	22 5 25	29°19'36	2♈31	4°32	1°38	18°44	12°35	10°10	4°12	0°19	29°28	27°31	28°54	27°23	n.a.	W30
T 31	22 9 21	0♍18'50	17♈21	3♍24	2♌52	19♌23	12♉32	10♊13	4♋14	0♐20	29♒27	27♎29	28♎50	27♍29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n13	4s52	3n57	11n26	1s15	23n 7	0s37	21n34	1n10	23s54	1s 1	20n50	1s 7	24n 7	0n23	19s13	1n20	27s24	17s 0	11s44	11s47	0s26		n.a.
W 2	20 0	0n 0	3 2	10 53	1 24	23 11	0 34	21 25	1 10	23 55	1 2	20 51	1 7	24 7	0 23	19 12	1 20	27 24	17 0	11 42	11 46	0 29		n.a.
T 3	19 47	4 49	1 56	10 21	1 33	23 16	0 30	21 17	1 10	23 56	1 2	20 51	1 7	24 7	0 23	19 12	1 20	27 25	17 0	11 41	11 45	0 31		n.a.
F 4	19 33	9 17	0 44	9 49	1 43	23 19	0 27	21 8	1 10	23 57	1 2	20 52	1 7	24 7	0 23	19 12	1 20	27 25	17 0	11 41	11 43	0 33		n.a.
S 5	19 19	13 10	0s30	9 18	1 52	23 22	0 24	20 59	1 10	23 58	1 2	20 53	1 7	24 7	0 23	19 12	1 20	27 26	17 0	11 41	11 42	0 35		n.a.
S 6	19 5	16 14	1 40	8 47	2 1	23 24	0 21	20 50	1 10	23 59	1 2	20 54	1 7	24 7	0 23	19 12	1 20	27 27	17 0	11 40	11 41	0 37		n.a.
M 7	18 50	18 21	2 44	8 18	2 10	23 25	0 18	20 41	1 10	23 59	1 2	20 55	1 7	24 7	0 23	19 12	1 20	27 27	17 1	11 40	11 40	0 39		n.a.
T 8	18 35	19 26	3 38	7 49	2 19	23 26	0 14	20 32	1 10	24 0	1 2	20 56	1 8	24 7	0 23	19 12	1 20	27 28	17 1	11 38	11 39	0 41		n.a.
W 9	18 20	19 27	4 19	7 21	2 28	23 26	0 11	20 22	1 10	24 1	1 2	20 56	1 8	24 7	0 23	19 12	1 20	27 28	17 1	11 36	11 38	0 43		n.a.
T 10	18 4	18 28	4 46	6 55	2 37	23 26	0 8	20 13	1 10	24 2	1 2	20 57	1 8	24 7	0 23	19 12	1 20	27 29	17 1	11 32	11 37	0 45		n.a.
F 11	17 48	16 36	5 0	6 30	2 46	23 25	0 5	20 3	1 10	24 2	1 2	20 58	1 8	24 7	0 23	19 12	1 20	27 29	17 1	11 28	11 35	0 47		n.a.
S 12	17 32	13 59	4 58	6 6	2 54	23 23	0 2	19 53	1 10	24 3	1 2	20 59	1 8	24 7	0 23	19 12	1 20	27 30	17 1	11 23	11 34	0 49		n.a.
S 13	17 15	10 47	4 43	5 44	3 2	23 20	0n 1	19 43	1 10	24 4	1 2	21 0	1 8	24 6	0 23	19 12	1 19	27 30	17 2	11 18	11 33	0 51		n.a.
M14	16 58	7 11	4 15	5 24	3 10	23 17	0 4	19 33	1 10	24 4	1 2	21 0	1 8	24 6	0 23	19 12	1 19	27 31	17 2	11 14	11 32	0 53		n.a.
T 15	16 41	3 21	3 36	5 5	3 18	23 13	0 7	19 22	1 10	24 5	1 2	21 1	1 8	24 6	0 23	19 12	1 19	27 31	17 2	11 10	11 31	0 55		n.a.
W16	16 23	0s36	2 47	4 50	3 24	23 8	0 10	19 12	1 10	24 6	1 2	21 2	1 8	24 6	0 23	19 12	1 19	27 32	17 2	11 7	11 30	0 57		n.a.
T 17	16 6	4 30	1 52	4 36	3 31	23 2	0 13	19 1	1 10	24 6	1 2	21 2	1 8	24 6	0 23	19 12	1 19	27 32	17 2	11 6	11 29	0 59		n.a.
F 18	15 48	8 14	0 52	4 25	3 37	22 56	0 16	18 50	1 10	24 7	1 2	21 3	1 8	24 6	0 23	19 12	1 19	27 33	17 2	11 5	11 28	1 1		n.a.
S 19	15 29	11 39	0n11	4 18	3 42	22 50	0 19	18 39	1 10	24 7	1 2	21 4	1 8	24 6	0 23	19 12	1 19	27 34	17 2	11 5	11 26	1 3		n.a.
S 20	15 11	14 39	1 15	4 13	3 46	22 42	0 22	18 28	1 10	24 8	1 2	21 4	1 8	24 6	0 23	19 12	1 19	27 34	17 2	11 5	11 25	1 5		n.a.
M21	14 52	17 3	2 16	4 12	3 49	22 34	0 25	18 17	1 9	24 8	1 2	21 5	1 8	24 6	0 23	19 12	1 19	27 35	17 2	11 5	11 24	1 7		n.a.
T 22	14 33	18 42	3 12	4 14	3 51	22 25	0 27	18 6	1 9	24 9	1 2	21 5	1 8	24 6	0 23	19 12	1 19	27 35	17 2	11 4	11 23	1 9		n.a.
W23	14 14	19 25	4 1	4 21	3 52	22 16	0 30	17 54	1 9	24 9	1 2	21 6	1 8	24 6	0 23	19 13	1 19	27 36	17 2	11 3	11 22	1 11		n.a.
T 24	13 54	19 5	4 38	4 31	3 51	22 6	0 33	17 43	1 9	24 10	1 2	21 7	1 8	24 6	0 23	19 13	1 19	27 36	17 2	11 1	11 21	1 13		n.a.
F 25	13 34	17 36	4 59	4 46	3 49	21 55	0 35	17 31	1 9	24 10	1 2	21 7	1 8	24 6	0 23	19 13	1 19	27 36	17 2	10 58	11 20	1 15		n.a.
S 26	13 14	14 58	5 3	5 5	3 45	21 43	0 38	17 19	1 9	24 10	1 2	21 8	1 8	24 6	0 23	19 13	1 19	27 37	17 3	10 55	11 18	1 17		n.a.
S 27	12 54	11 19	4 47	5 29	3 39	21 31	0 41	17 7	1 9	24 11	1 2	21 8	1 8	24 6	0 23	19 13	1 19	27 37	17 3	10 52	11 17	1 19		n.a.
M28	12 34	6 53	4 11	5 56	3 31	21 18	0 43	16 55	1 9	24 11	1 2	21 9	1 8	24 6	0 23	19 13	1 19	27 38	17 3	10 48	11 16	1 21		n.a.
T 29	12 13	2 0	3 17	6 28	3 22	21 5	0 45	16 43	1 9	24 11	1 2	21 9	1 8	24 6	0 23	19 13	1 19	27 38	17 3	10 46	11 15	1 23		n.a.
W30	11 52	3n 0	2 10	7 2	3 10	20 51	0 48	16 30	1 9	24 11	1 2	21 10	1 8	24 5	0 23	19 13	1 19	27 39	17 3	10 44	11 14	1 25		n.a.
T 31	11n31	7n44	0n54	7n40	2s56	20n36	0n50	16n18	1n 9	24s12	1s 2	21n10	1s 8	24n 5	0n23	19s13	1n19	27s39	17s 3	10s43	11s13	1s27		n.a.

Julian Day Number = 1484588.5, Delta T = 05h19m50s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'43, Lahiri = -12°54'43 Julian Calendar 1 Aug. 649 BCE == Greg. Calendar 25 July 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

SEPTEMBER 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 13 18	1♍18'05	1♉50	2°R14	4♌ 5	20♌ 2	12°R29	10♊16	4♋17	0♐20	29°R26	27°D28	28♎47	27♍36	n.a.	F 1
S 2	22 17 14	2°17'24	15°58	1♍ 4	5°19	20°41	12♏26	10°19	4°19	0°21	29♒24	27♎29	28°44	27°43	n.a.	S 2
S 3	22 21 11	3°16'44	29°42	29♌57	6°33	21°20	12°24	10°22	4°21	0°21	29°23	27°R30	28°41	27°49	n.a.	S 3
M 4	22 25 8	4°16'07	13♊ 5	28°53	7°47	21°59	12°22	10°25	4°24	0°22	29°22	27°30	28°38	27°56	n.a.	M 4
T 5	22 29 4	5°15'33	26° 9	27°55	9° 1	22°38	12°20	10°28	4°26	0°22	29°21	27°27	28°35	28° 3	n.a.	T 5
W 6	22 33 1	6°15'01	8♋57	27° 5	10°15	23°17	12°18	10°31	4°28	0°23	29°20	27°23	28°31	28° 9	n.a.	W 6
T 7	22 36 57	7°14'32	21°31	26°24	11°29	23°56	12°16	10°33	4°30	0°23	29°18	27°16	28°28	28°16	n.a.	T 7
F 8	22 40 54	8°14'04	3♌52	25°52	12°43	24°35	12°15	10°36	4°32	0°24	29°17	27° 8	28°25	28°23	n.a.	F 8
S 9	22 44 50	9°13'39	16° 5	25°31	13°57	25°15	12°13	10°38	4°34	0°25	29°16	26°59	28°22	28°29	n.a.	S 9
S 10	22 48 47	10°13'17	28° 9	25°D21	15°11	25°54	12°12	10°40	4°36	0°25	29°15	26°50	28°19	28°36	n.a.	S 10
M11	22 52 43	11°12'56	10♍ 6	25°22	16°26	26°33	12°11	10°42	4°38	0°26	29°14	26°41	28°15	28°43	n.a.	M11
T 12	22 56 40	12°12'38	21°57	25°34	17°40	27°12	12°11	10°44	4°40	0°27	29°13	26°34	28°12	28°49	n.a.	T 12
W13	23 0 37	13°12'21	3♎46	25°56	18°55	27°52	12°10	10°46	4°42	0°28	29°11	26°29	28° 9	28°56	n.a.	W13
T 14	23 4 33	14°12'07	15°32	26°28	20° 9	28°31	12°10	10°48	4°44	0°28	29°10	26°27	28° 6	29° 3	n.a.	T 14
F 15	23 8 30	15°11'54	27°21	27°10	21°23	29°10	12°D10	10°50	4°46	0°29	29° 9	26°D26	28° 3	29° 9	n.a.	F 15
S 16	23 12 26	16°11'44	9♏14	27°59	22°38	29°50	12°10	10°51	4°47	0°30	29° 8	26°27	28° 0	29°16	n.a.	S 16
S 17	23 16 23	17°11'35	21°16	28°56	23°53	0♍29	12°10	10°53	4°49	0°31	29° 7	26°28	27°56	29°23	n.a.	S 17
M18	23 20 19	18°11'29	3♐31	0♍ 0	25° 7	1° 8	12°11	10°54	4°51	0°32	29° 6	26°30	27°53	29°29	n.a.	M18
T 19	23 24 16	19°11'24	16° 4	1°10	26°22	1°48	12°12	10°56	4°52	0°33	29° 5	26°R31	27°50	29°36	n.a.	T 19
W20	23 28 12	20°11'21	29° 0	2°25	27°36	2°27	12°13	10°57	4°54	0°34	29° 4	26°30	27°47	29°43	n.a.	W20
T 21	23 32 9	21°11'19	12♑23	3°44	28°51	3° 7	12°14	10°58	4°55	0°35	29° 2	26°29	27°44	29°49	n.a.	T 21
F 22	23 36 5	22°11'20	26°14	5° 7	0♍ 6	3°46	12°15	10°59	4°57	0°36	29° 1	26°25	27°40	29°56	n.a.	F 22
S 23	23 40 2	23°11'22	10♒34	6°33	1°21	4°26	12°17	11° 0	4°58	0°37	29° 0	26°21	27°37	0♎ 3	n.a.	S 23
S 24	23 43 59	24°11'26	25°20	8° 2	2°36	5° 5	12°19	11° 0	4°59	0°38	28°59	26°16	27°34	0° 9	n.a.	S 24
M25	23 47 55	25°11'31	10♓25	9°33	3°50	5°45	12°20	11° 1	5° 1	0°40	28°58	26°11	27°31	0°16	n.a.	M25
T 26	23 51 52	26°11'39	25°40	11° 6	5° 5	6°24	12°23	11° 1	5° 2	0°41	28°57	26° 8	27°28	0°23	n.a.	T 26
W27	23 55 48	27°11'48	10♈55	12°40	6°20	7° 4	12°25	11° 2	5° 3	0°42	28°56	26° 6	27°25	0°29	n.a.	W27
T 28	23 59 45	28°12'00	26° 0	14°16	7°35	7°43	12°27	11° 2	5° 4	0°43	28°55	26°D 5	27°21	0°36	n.a.	T 28
F 29	0 3 41	29°12'13	10♉47	15°52	8°50	8°23	12°30	11° 2	5° 5	0°45	28°54	26° 5	27°18	0°43	n.a.	F 29
S 30	0 7 38	0♎12'29	25♉10	17♍29	10♍ 5	9♍ 3	12♑33	11°R 2	5♋ 6	0♐46	28♒53	26♎ 7	27♎15	0♎49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n10	11n55	0s23	8n20	2s41	20n21	0n52	16n 5	1n 9	24s12	1s 2	21n10	1s 8	24n 5	0n23	19s14	1n18	27s40	17s 3	10s43	11s12	1s29		n.a.
S 2	10 48	15 17	1 38	9 1	2 24	20 5	0 55	15 53	1 9	24 12	1 2	21 11	1 8	24 5	0 23	19 14	1 18	27 40	17 3	10 43	11 10	1 31		n.a.
S 3	10 27	17 42	2 44	9 42	2 5	19 49	0 57	15 40	1 8	24 12	1 2	21 11	1 8	24 5	0 23	19 14	1 18	27 41	17 3	10 44	11 9	1 33		n.a.
M 4	10 5	19 3	3 40	10 22	1 46	19 32	0 59	15 27	1 8	24 13	1 2	21 12	1 8	24 5	0 23	19 14	1 18	27 41	17 3	10 43	11 8	1 35		n.a.
T 5	9 43	19 20	4 23	11 1	1 26	19 14	1 1	15 14	1 8	24 13	1 1	21 12	1 8	24 5	0 23	19 14	1 18	27 41	17 3	10 43	11 7	1 37		n.a.
W 6	9 21	18 37	4 52	11 38	1 6	18 56	1 3	15 1	1 8	24 13	1 1	21 12	1 8	24 5	0 23	19 14	1 18	27 42	17 3	10 41	11 6	1 39		n.a.
T 7	8 58	17 0	5 6	12 11	0 45	18 37	1 5	14 48	1 8	24 13	1 1	21 13	1 8	24 5	0 24	19 14	1 18	27 42	17 2	10 39	11 5	1 41		n.a.
F 8	8 36	14 37	5 5	12 40	0 26	18 18	1 7	14 34	1 8	24 13	1 1	21 13	1 8	24 5	0 24	19 15	1 18	27 43	17 2	10 36	11 4	1 43		n.a.
S 9	8 13	11 37	4 51	13 5	0 7	17 58	1 9	14 21	1 8	24 13	1 1	21 13	1 8	24 5	0 24	19 15	1 18	27 43	17 2	10 32	11 2	1 45		n.a.
S 10	7 50	8 10	4 23	13 25	0n11	17 37	1 10	14 7	1 8	24 13	1 1	21 14	1 8	24 5	0 24	19 15	1 18	27 43	17 2	10 29	11 1	1 47		n.a.
M11	7 27	4 26	3 44	13 41	0 28	17 17	1 12	13 54	1 8	24 13	1 1	21 14	1 8	24 5	0 24	19 15	1 18	27 44	17 2	10 26	11 0	1 48		n.a.
T 12	7 4	0 33	2 56	13 51	0 44	16 55	1 14	13 40	1 8	24 13	1 1	21 14	1 9	24 5	0 24	19 15	1 18	27 44	17 2	10 23	10 59	1 50		n.a.
W13	6 41	3s21	2 0	13 57	0 58	16 33	1 15	13 26	1 7	24 13	1 1	21 14	1 9	24 5	0 24	19 16	1 18	27 45	17 2	10 21	10 58	1 52		n.a.
T 14	6 18	7 6	0 59	13 58	1 10	16 11	1 17	13 12	1 7	24 13	1 1	21 15	1 9	24 5	0 24	19 16	1 18	27 45	17 2	10 20	10 57	1 54		n.a.
F 15	5 55	10 36	0n 5	13 54	1 21	15 48	1 18	12 58	1 7	24 13	1 1	21 15	1 9	24 5	0 24	19 16	1 18	27 45	17 2	10 20	10 55	1 56		n.a.
S 16	5 31	13 41	1 9	13 46	1 31	15 25	1 20	12 44	1 7	24 13	1 1	21 15	1 9	24 5	0 24	19 16	1 18	27 46	17 2	10 21	10 54	1 58		n.a.
S 17	5 8	16 13	2 11	13 33	1 39	15 1	1 21	12 30	1 7	24 13	1 1	21 15	1 9	24 5	0 24	19 17	1 18	27 46	17 2	10 21	10 53	2 0		n.a.
M18	4 44	18 4	3 9	13 17	1 46	14 37	1 22	12 15	1 7	24 13	1 1	21 15	1 9	24 5	0 24	19 17	1 18	27 46	17 2	10 22	10 52	2 2		n.a.
T 19	4 20	19 5	3 58	12 57	1 52	14 12	1 23	12 1	1 7	24 12	1 1	21 16	1 9	24 5	0 24	19 17	1 18	27 46	17 1	10 22	10 51	2 4		n.a.
W20	3 56	19 9	4 37	12 34	1 56	13 47	1 24	11 47	1 6	24 12	1 0	21 16	1 9	24 5	0 24	19 17	1 17	27 47	17 1	10 22	10 50	2 6		n.a.
T 21	3 32	18 9	5 3	12 8	2 0	13 22	1 25	11 32	1 6	24 12	1 0	21 16	1 9	24 5	0 24	19 18	1 17	27 47	17 1	10 21	10 49	2 8		n.a.
F 22	3 8	16 5	5 13	11 39	2 2	12 56	1 26	11 17	1 6	24 12	1 0	21 16	1 9	24 5	0 24	19 18	1 17	27 47	17 1	10 20	10 47	2 10		n.a.
S 23	2 44	12 58	5 3	11 8	2 3	12 30	1 27	11 3	1 6	24 12	1 0	21 16	1 9	24 5	0 24	19 18	1 17	27 48	17 1	10 18	10 46	2 12		n.a.
S 24	2 20	8 58	4 34	10 35	2 4	12 3	1 28	10 48	1 6	24 11	1 0	21 16	1 9	24 5	0 24	19 19	1 17	27 48	17 1	10 17	10 45	2 14		n.a.
M25	1 56	4 18	3 45	10 0	2 3	11 37	1 29	10 33	1 6	24 11	1 0	21 16	1 9	24 4	0 24	19 19	1 17	27 48	17 1	10 15	10 44	2 16		n.a.
T 26	1 32	0n41	2 39	9 23	2 2	11 9	1 29	10 18	1 5	24 11	1 0	21 16	1 9	24 4	0 24	19 19	1 17	27 48	17 0	10 14	10 43	2 18		n.a.
W27	1 8	5 38	1 22	8 45	2 1	10 42	1 30	10 3	1 5	24 11	1 0	21 16	1 9	24 4	0 24	19 19	1 17	27 49	17 0	10 13	10 42	2 20		n.a.
T 28	0 44	10 11	0 0	8 5	1 58	10 14	1 30	9 48	1 5	24 10	1 0	21 16	1 9	24 4	0 24	19 20	1 17	27 49	17 0	10 12	10 40	2 22		n.a.
F 29	0 19	14 0	1s20	7 25	1 55	9 46	1 31	9 32	1 5	24 10	1 0	21 16	1 9	24 4	0 24	19 20	1 17	27 49	17 0	10 13	10 39	2 24		n.a.
S 30	0s 5	16n50	2s33	6n44	1n52	9n18	1n31	9n17	1n 5	24s10	1s 0	21n16	1s 9	24n 4	0n24	19s20	1n17	27s49	17s 0	10s13	10s38	2s26		n.a.

Julian Day Number = 1484619.5, Delta T = 05h19m48s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'39, Lahiri = -12°54'39 Julian Calendar 1 Sept. 649 BCE == Greg. Calendar 25 Aug. 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

OCTOBER 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 11 34	1♎12'47	9♊ 7	19♍ 7	11♍20	9♍42	12♑36	11°R 2	5♋ 7	0♐47	28°R52	26♎ 8	27♎12	0♎56	n.a.	S 1
M 2	0 15 31	2°13'07	22°37	20°44	12°36	10°22	12°40	11♊ 2	5° 8	0°49	28♒51	26° 9	27° 9	1° 3	n.a.	M 2
T 3	0 19 28	3°13'29	5♋43	22°22	13°51	11° 2	12°43	11° 1	5° 9	0°50	28°50	26°R10	27° 6	1° 9	n.a.	T 3
W 4	0 23 24	4°13'53	18°28	24° 1	15° 6	11°42	12°47	11° 1	5°10	0°51	28°49	26° 9	27° 2	1°16	n.a.	W 4
T 5	0 27 21	5°14'20	0♌55	25°39	16°21	12°21	12°51	11° 1	5°11	0°53	28°48	26° 7	26°59	1°23	n.a.	T 5
F 6	0 31 17	6°14'48	13° 8	27°17	17°36	13° 1	12°55	11° 0	5°11	0°54	28°47	26° 5	26°56	1°29	n.a.	F 6
S 7	0 35 14	7°15'18	25°11	28°55	18°52	13°41	12°59	10°59	5°12	0°56	28°47	26° 2	26°53	1°36	n.a.	S 7
S 8	0 39 10	8°15'50	7♍ 6	0♎33	20° 7	14°21	13° 3	10°58	5°12	0°57	28°46	25°58	26°50	1°43	n.a.	S 8
M 9	0 43 7	9°16'24	18°57	2°10	21°22	15° 1	13° 8	10°57	5°13	0°59	28°45	25°56	26°46	1°49	n.a.	M 9
T 10	0 47 3	10°17'00	0♎45	3°48	22°37	15°41	13°13	10°56	5°13	1° 0	28°44	25°53	26°43	1°56	n.a.	T 10
W11	0 51 0	11°17'37	12°34	5°25	23°53	16°21	13°18	10°55	5°14	1° 2	28°43	25°52	26°40	2° 3	n.a.	W11
T 12	0 54 56	12°18'16	24°24	7° 2	25° 8	17° 1	13°23	10°54	5°14	1° 4	28°42	25°D52	26°37	2° 9	n.a.	T 12
F 13	0 58 53	13°18'57	6♏18	8°39	26°23	17°41	13°28	10°52	5°15	1° 5	28°41	25°52	26°34	2°16	n.a.	F 13
S 14	1 2 50	14°19'39	18°18	10°15	27°39	18°21	13°34	10°51	5°15	1° 7	28°41	25°53	26°31	2°23	n.a.	S 14
S 15	1 6 46	15°20'23	0♐27	11°51	28°54	19° 1	13°40	10°49	5°15	1° 9	28°40	25°54	26°27	2°29	n.a.	S 15
M16	1 10 43	16°21'08	12°48	13°27	0♎10	19°41	13°45	10°47	5°15	1°10	28°39	25°55	26°24	2°36	n.a.	M16
T 17	1 14 39	17°21'54	25°25	15° 3	1°25	20°21	13°52	10°45	5°15	1°12	28°38	25°56	26°21	2°43	n.a.	T 17
W18	1 18 36	18°22'41	8♑19	16°38	2°41	21° 1	13°58	10°43	5°R15	1°14	28°38	25°56	26°18	2°49	n.a.	W18
T 19	1 22 32	19°23'30	21°35	18°14	3°56	21°41	14° 4	10°41	5°15	1°16	28°37	25°R56	26°15	2°56	n.a.	T 19
F 20	1 26 29	20°24'19	5♒15	19°49	5°12	22°21	14°11	10°39	5°15	1°18	28°36	25°56	26°11	3° 3	n.a.	F 20
S 21	1 30 25	21°25'10	19°19	21°24	6°27	23° 2	14°17	10°37	5°15	1°19	28°36	25°56	26° 8	3° 9	n.a.	S 21
S 22	1 34 22	22°26'01	3♓48	22°58	7°43	23°42	14°24	10°34	5°15	1°21	28°35	25°55	26° 5	3°16	n.a.	S 22
M23	1 38 19	23°26'54	18°36	24°33	8°58	24°22	14°31	10°32	5°14	1°23	28°34	25°55	26° 2	3°23	n.a.	M23
T 24	1 42 15	24°27'48	3♈39	26° 7	10°14	25° 2	14°38	10°29	5°14	1°25	28°34	25°55	25°59	3°29	n.a.	T 24
W25	1 46 12	25°28'43	18°48	27°42	11°29	25°43	14°46	10°27	5°14	1°27	28°33	25°55	25°56	3°36	n.a.	W25
T 26	1 50 8	26°29'39	3♉54	29°16	12°45	26°23	14°53	10°24	5°13	1°29	28°33	25°55	25°52	3°42	n.a.	T 26
F 27	1 54 5	27°30'36	18°48	0♏50	14° 0	27° 3	15° 1	10°21	5°13	1°31	28°32	25°55	25°49	3°49	n.a.	F 27
S 28	1 58 1	28°31'35	3♊22	2°24	15°16	27°44	15° 9	10°18	5°12	1°33	28°32	25°54	25°46	3°56	n.a.	S 28
S 29	2 1 58	29°32'35	17°31	3°58	16°31	28°24	15°17	10°15	5°12	1°35	28°31	25°54	25°43	4° 2	n.a.	S 29
M30	2 5 54	0♏33'36	1♋13	5°32	17°47	29° 4	15°25	10°12	5°11	1°37	28°31	25°54	25°40	4° 9	n.a.	M30
T 31	2 9 51	1♏34'39	14♋28	7♏ 6	19♎ 2	29♍45	15♑33	10♊ 8	5♋10	1♐39	28♒30	25♎53	25♎37	4♎16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	0s29	18n35	3s35	6n 1	1n48	8n49	1n31	9n 2	1n 5	24s 9	1s 0	21n16	1s 9	24n 4	0n24	19s21	1n17	27s49	17s 0	10s14	10s37	2s28		n.a.	S 1
M 2	0 54	19 11	4 23	5 19	1 44	8 20	1 32	8 46	1 4	24 9	0 59	21 16	1 9	24 4	0 24	19 21	1 17	27 50	16 59	10 14	10 36	2 30		n.a.	M 2
T 3	1 18	18 43	4 56	4 35	1 40	7 51	1 32	8 31	1 4	24 8	0 59	21 16	1 9	24 4	0 24	19 21	1 17	27 50	16 59	10 14	10 35	2 32		n.a.	T 3
W 4	1 42	17 19	5 13	3 52	1 35	7 21	1 32	8 15	1 4	24 8	0 59	21 16	1 9	24 4	0 24	19 22	1 17	27 50	16 59	10 14	10 34	2 34		n.a.	W 4
T 5	2 7	15 7	5 14	3 7	1 30	6 52	1 32	8 0	1 4	24 7	0 59	21 16	1 9	24 4	0 24	19 22	1 17	27 50	16 59	10 13	10 32	2 36		n.a.	T 5
F 6	2 31	12 17	5 2	2 23	1 24	6 22	1 32	7 44	1 4	24 7	0 59	21 16	1 9	24 4	0 24	19 22	1 17	27 50	16 58	10 12	10 31	2 38		n.a.	F 6
S 7	2 55	8 59	4 36	1 38	1 19	5 52	1 32	7 28	1 3	24 6	0 59	21 15	1 9	24 4	0 24	19 23	1 17	27 50	16 58	10 11	10 30	2 40		n.a.	S 7
S 8	3 19	5 20	3 58	0 54	1 13	5 22	1 31	7 13	1 3	24 6	0 59	21 15	1 9	24 4	0 24	19 23	1 17	27 50	16 58	10 10	10 29	2 42		n.a.	S 8
M 9	3 43	1 31	3 10	0 9	1 7	4 52	1 31	6 57	1 3	24 5	0 59	21 15	1 9	24 4	0 24	19 23	1 17	27 51	16 58	10 9	10 28	2 44		n.a.	M 9
T 10	4 8	2s22	2 15	0s36	1 1	4 21	1 31	6 41	1 3	24 5	0 59	21 15	1 9	24 4	0 24	19 24	1 17	27 51	16 58	10 8	10 27	2 45		n.a.	T 10
W11	4 32	6 9	1 13	1 21	0 55	3 51	1 30	6 25	1 3	24 4	0 59	21 15	1 9	24 4	0 25	19 24	1 16	27 51	16 57	10 8	10 25	2 47		n.a.	W11
T 12	4 56	9 43	0 8	2 5	0 49	3 20	1 30	6 9	1 2	24 4	0 59	21 15	1 9	24 4	0 25	19 25	1 16	27 51	16 57	10 8	10 24	2 49		n.a.	T 12
F 13	5 20	12 54	0n58	2 50	0 42	2 49	1 29	5 53	1 2	24 3	0 59	21 14	1 9	24 5	0 25	19 25	1 16	27 51	16 57	10 8	10 23	2 51		n.a.	F 13
S 14	5 43	15 34	2 1	3 34	0 36	2 18	1 29	5 37	1 2	24 2	0 58	21 14	1 9	24 5	0 25	19 25	1 16	27 51	16 57	10 8	10 22	2 53		n.a.	S 14
S 15	6 7	17 35	3 1	4 18	0 29	1 47	1 28	5 21	1 2	24 2	0 58	21 14	1 9	24 5	0 25	19 26	1 16	27 51	16 56	10 8	10 21	2 55		n.a.	S 15
M16	6 31	18 48	3 52	5 2	0 23	1 16	1 27	5 5	1 1	24 1	0 58	21 14	1 9	24 5	0 25	19 26	1 16	27 51	16 56	10 9	10 20	2 57		n.a.	M16
T 17	6 55	19 7	4 34	5 46	0 16	0 45	1 27	4 49	1 1	24 0	0 58	21 13	1 10	24 5	0 25	19 27	1 16	27 51	16 56	10 9	10 18	2 59		n.a.	T 17
W18	7 18	18 28	5 3	6 29	0 10	0 14	1 26	4 32	1 1	23 59	0 58	21 13	1 10	24 5	0 25	19 27	1 16	27 51	16 55	10 9	10 17	3 1		n.a.	W18
T 19	7 41	16 48	5 17	7 12	0 3	0s18	1 25	4 16	1 1	23 59	0 58	21 13	1 10	24 5	0 25	19 27	1 16	27 51	16 55	10 9	10 16	3 3		n.a.	T 19
F 20	8 5	14 9	5 14	7 54	0s 3	0 49	1 24	4 0	1 0	23 58	0 58	21 12	1 10	24 5	0 25	19 28	1 16	27 51	16 55	10 9	10 15	3 5		n.a.	F 20
S 21	8 28	10 37	4 52	8 37	0 10	1 20	1 23	3 43	1 0	23 57	0 58	21 12	1 10	24 5	0 25	19 28	1 16	27 51	16 55	10 9	10 14	3 7		n.a.	S 21
S 22	8 51	6 21	4 11	9 18	0 16	1 51	1 22	3 27	1 0	23 56	0 58	21 12	1 10	24 5	0 25	19 29	1 16	27 51	16 54	10 9	10 13	3 9		n.a.	S 22
M23	9 14	1 37	3 13	10 0	0 23	2 22	1 20	3 11	1 0	23 55	0 58	21 11	1 10	24 5	0 25	19 29	1 16	27 51	16 54	10 9	10 11	3 11		n.a.	M23
T 24	9 37	3n19	2 1	10 41	0 29	2 54	1 19	2 54	0 59	23 54	0 58	21 11	1 10	24 5	0 25	19 29	1 16	27 51	16 54	10 9	10 10	3 13		n.a.	T 24
W25	9 59	8 4	0 39	11 21	0 36	3 25	1 18	2 38	0 59	23 54	0 58	21 11	1 10	24 5	0 25	19 30	1 16	27 51	16 53	10 9	10 9	3 15		n.a.	W25
T 26	10 22	12 18	0s44	12 1	0 42	3 56	1 17	2 21	0 59	23 53	0 57	21 10	1 10	24 5	0 25	19 30	1 16	27 51	16 53	10 9	10 8	3 16		n.a.	T 26
F 27	10 44	15 40	2 4	12 40	0 48	4 27	1 15	2 5	0 58	23 52	0 57	21 10	1 10	24 5	0 25	19 31	1 16	27 51	16 53	10 9	10 7	3 18		n.a.	F 27
S 28	11 6	17 57	3 14	13 19	0 54	4 58	1 14	1 48	0 58	23 51	0 57	21 9	1 10	24 5	0 25	19 31	1 16	27 50	16 52	10 9	10 6	3 20		n.a.	S 28
S 29	11 28	19 2	4 10	13 57	1 0	5 28	1 12	1 32	0 58	23 50	0 57	21 9	1 10	24 5	0 25	19 32	1 16	27 50	16 52	10 8	10 4	3 22		n.a.	S 29
M30	11 50	18 57	4 49	14 35	1 6	5 59	1 11	1 15	0 57	23 49	0 57	21 8	1 10	24 5	0 25	19 32	1 16	27 50	16 52	10 8	10 3	3 24		n.a.	M30
T 31	12s11	17n48	5s12	15s12	1s11	6s30	1n 9	0n58	0n57	23s48	0s57	21n 8	1s10	24n 5	0n25	19s32	1n16	27s50	16s51	10s 8	10s 2	3s26		n.a.	T 31

Julian Day Number = 1484649.5, Delta T = 05h19m47s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'35, Lahiri = -12°54'35 Julian Calendar 1 Oct. 649 BCE == Greg. Calendar 24 Sept. 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

NOVEMBER 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 13 48	2♏35'42	27♋18	8♏40	20♎18	0♎25	15♑42	10°R 5	5°R10	1♐41	28°R30	25°D53	25♎33	4♎22	n.a.	W 1
T 2	2 17 44	3°36'47	9♌46	10°14	21°34	1° 6	15°50	10♊ 2	5♋ 9	1°43	28♒29	25♎53	25°30	4°29	n.a.	T 2
F 3	2 21 41	4°37'54	21°58	11°48	22°49	1°46	15°59	9°58	5° 8	1°45	28°29	25°53	25°27	4°36	n.a.	F 3
S 4	2 25 37	5°39'01	3♍57	13°21	24° 5	2°27	16° 8	9°54	5° 7	1°47	28°29	25°54	25°24	4°42	n.a.	S 4
S 5	2 29 34	6°40'09	15°48	14°55	25°20	3° 8	16°16	9°51	5° 6	1°49	28°28	25°55	25°21	4°49	n.a.	S 5
M 6	2 33 30	7°41'19	27°36	16°29	26°36	3°48	16°26	9°47	5° 5	1°51	28°28	25°56	25°17	4°56	n.a.	M 6
T 7	2 37 27	8°42'29	9♎23	18° 3	27°52	4°29	16°35	9°43	5° 4	1°53	28°28	25°57	25°14	5° 2	n.a.	T 7
W 8	2 41 23	9°43'40	21°14	19°37	29° 7	5° 9	16°44	9°39	5° 3	1°55	28°27	25°R58	25°11	5° 9	n.a.	W 8
T 9	2 45 20	10°44'53	3♏10	21°11	0♏23	5°50	16°54	9°35	5° 2	1°58	28°27	25°58	25° 8	5°16	n.a.	T 9
F 10	2 49 17	11°46'05	15°14	22°45	1°38	6°31	17° 3	9°31	5° 1	2° 0	28°27	25°57	25° 5	5°22	n.a.	F 10
S 11	2 53 13	12°47'19	27°28	24°19	2°54	7°12	17°13	9°27	4°59	2° 2	28°27	25°55	25° 2	5°29	n.a.	S 11
S 12	2 57 10	13°48'33	9♐52	25°52	4°10	7°52	17°23	9°23	4°58	2° 4	28°27	25°53	24°58	5°36	n.a.	S 12
M13	3 1 6	14°49'47	22°29	27°26	5°25	8°33	17°33	9°19	4°57	2° 6	28°26	25°50	24°55	5°42	n.a.	M13
T 14	3 5 3	15°51'02	5♑18	28°59	6°41	9°14	17°43	9°14	4°55	2° 8	28°26	25°47	24°52	5°49	n.a.	T 14
W15	3 8 59	16°52'17	18°22	0♐32	7°56	9°55	17°53	9°10	4°54	2°11	28°26	25°44	24°49	5°56	n.a.	W15
T 16	3 12 56	17°53'33	1♒40	2° 5	9°12	10°36	18° 4	9° 6	4°52	2°13	28°26	25°42	24°46	6° 2	n.a.	T 16
F 17	3 16 52	18°54'48	15°16	3°38	10°28	11°17	18°14	9° 1	4°51	2°15	28°26	25°D41	24°43	6° 9	n.a.	F 17
S 18	3 20 49	19°56'03	29° 8	5°10	11°43	11°57	18°25	8°57	4°49	2°17	28°26	25°41	24°39	6°16	n.a.	S 18
S 19	3 24 46	20°57'18	13♓18	6°41	12°59	12°38	18°35	8°52	4°48	2°20	28°D26	25°42	24°36	6°22	n.a.	S 19
M20	3 28 42	21°58'34	27°43	8°11	14°14	13°19	18°46	8°47	4°46	2°22	28°26	25°44	24°33	6°29	n.a.	M20
T 21	3 32 39	22°59'49	12♈21	9°41	15°30	14° 0	18°57	8°43	4°44	2°24	28°26	25°45	24°30	6°35	n.a.	T 21
W22	3 36 35	24° 1'04	27° 8	11° 9	16°45	14°41	19° 8	8°38	4°42	2°26	28°26	25°R46	24°27	6°42	n.a.	W22
T 23	3 40 32	25° 2'19	11♉56	12°36	18° 1	15°22	19°19	8°33	4°41	2°29	28°26	25°45	24°23	6°49	n.a.	T 23
F 24	3 44 28	26° 3'35	26°38	14° 1	19°16	16° 3	19°30	8°28	4°39	2°31	28°26	25°42	24°20	6°55	n.a.	F 24
S 25	3 48 25	27° 4'50	11♊ 8	15°24	20°32	16°44	19°42	8°24	4°37	2°33	28°26	25°38	24°17	7° 2	n.a.	S 25
S 26	3 52 22	28° 6'06	25°19	16°45	21°48	17°26	19°53	8°19	4°35	2°35	28°27	25°33	24°14	7° 9	n.a.	S 26
M27	3 56 18	29° 7'21	9♋ 6	18° 3	23° 3	18° 7	20° 5	8°14	4°33	2°38	28°27	25°28	24°11	7°15	n.a.	M27
T 28	4 0 15	0♐ 8'37	22°27	19°17	24°19	18°48	20°16	8° 9	4°31	2°40	28°27	25°23	24° 8	7°22	n.a.	T 28
W29	4 4 11	1° 9'53	5♌24	20°27	25°34	19°29	20°28	8° 4	4°29	2°42	28°27	25°18	24° 4	7°29	n.a.	W29
T 30	4 8 8	2♐11'09	17♌57	21♐33	26♏50	20♎10	20♑40	7♊59	4♋27	2♐44	28♒27	25♎15	24♎ 1	7♎35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12s32	15n48	5s18	15s48	1s17	7s 0	1n 7	0n42	0n57	23s47	0s57	21n 7	1s 9	24n 5	0n25	19s33	1n16	27s50	16s51	10s 8	10s 1	3s28		n.a.
T 2	12 54	13 5	5 9	16 23	1 22	7 30	1 6	0 25	0 57	23 46	0 57	21 7	1 9	24 5	0 25	19 33	1 16	27 50	16 51	10 8	10 0	3 30		n.a.
F 3	13 15	9 53	4 46	16 58	1 27	8 0	1 4	0 9	0 56	23 44	0 57	21 6	1 9	24 5	0 25	19 34	1 16	27 50	16 50	10 8	9 58	3 32		n.a.
S 4	13 35	6 18	4 11	17 32	1 32	8 30	1 2	0s 8	0 56	23 43	0 57	21 6	1 9	24 5	0 25	19 34	1 16	27 49	16 50	10 8	9 57	3 34		n.a.
S 5	13 56	2 32	3 25	18 5	1 37	9 0	1 0	0 25	0 56	23 42	0 57	21 5	1 9	24 6	0 25	19 35	1 16	27 49	16 50	10 9	9 56	3 36		n.a.
M 6	14 16	1s20	2 31	18 37	1 42	9 29	0 58	0 41	0 55	23 41	0 57	21 5	1 9	24 6	0 25	19 35	1 16	27 49	16 49	10 9	9 55	3 38		n.a.
T 7	14 36	5 9	1 31	19 8	1 46	9 59	0 57	0 58	0 55	23 40	0 57	21 4	1 9	24 6	0 25	19 36	1 16	27 49	16 49	10 10	9 54	3 40		n.a.
W 8	14 56	8 48	0 26	19 39	1 50	10 28	0 55	1 15	0 55	23 38	0 57	21 4	1 9	24 6	0 25	19 36	1 16	27 49	16 49	10 10	9 53	3 41		n.a.
T 9	15 15	12 7	0n40	20 8	1 54	10 56	0 53	1 31	0 54	23 37	0 56	21 3	1 9	24 6	0 25	19 36	1 16	27 48	16 48	10 10	9 51	3 43		n.a.
F 10	15 34	14 58	1 45	20 36	1 57	11 25	0 51	1 48	0 54	23 36	0 56	21 3	1 9	24 6	0 25	19 37	1 15	27 48	16 48	10 10	9 50	3 45		n.a.
S 11	15 53	17 11	2 46	21 3	2 1	11 53	0 49	2 5	0 53	23 35	0 56	21 2	1 9	24 6	0 25	19 37	1 15	27 48	16 48	10 9	9 49	3 47		n.a.
S 12	16 12	18 37	3 40	21 29	2 4	12 21	0 47	2 21	0 53	23 33	0 56	21 1	1 9	24 6	0 26	19 38	1 15	27 48	16 47	10 8	9 48	3 49		n.a.
M13	16 31	19 10	4 24	21 54	2 6	12 49	0 44	2 38	0 53	23 32	0 56	21 1	1 9	24 6	0 26	19 38	1 15	27 47	16 47	10 7	9 47	3 51		n.a.
T 14	16 49	18 44	4 56	22 18	2 8	13 16	0 42	2 54	0 52	23 30	0 56	21 0	1 9	24 6	0 26	19 39	1 15	27 47	16 47	10 6	9 46	3 53		n.a.
W15	17 6	17 20	5 13	22 40	2 10	13 43	0 40	3 11	0 52	23 29	0 56	21 0	1 9	24 6	0 26	19 39	1 15	27 47	16 46	10 5	9 44	3 55		n.a.
T 16	17 24	14 58	5 14	23 1	2 12	14 10	0 38	3 28	0 52	23 28	0 56	20 59	1 9	24 6	0 26	19 40	1 15	27 47	16 46	10 4	9 43	3 57		n.a.
F 17	17 41	11 45	4 57	23 20	2 12	14 36	0 36	3 44	0 51	23 26	0 56	20 58	1 9	24 6	0 26	19 40	1 15	27 46	16 46	10 4	9 42	3 59		n.a.
S 18	17 58	7 49	4 23	23 38	2 13	15 2	0 33	4 1	0 51	23 25	0 56	20 58	1 9	24 7	0 26	19 41	1 15	27 46	16 45	10 4	9 41	4 1		n.a.
S 19	18 15	3 23	3 33	23 54	2 13	15 27	0 31	4 17	0 50	23 23	0 56	20 57	1 9	24 7	0 26	19 41	1 15	27 46	16 45	10 4	9 40	4 2		n.a.
M20	18 31	1n21	2 28	24 9	2 12	15 52	0 29	4 34	0 50	23 21	0 56	20 56	1 9	24 7	0 26	19 42	1 15	27 45	16 45	10 5	9 38	4 4		n.a.
T 21	18 47	6 4	1 13	24 22	2 11	16 17	0 27	4 50	0 50	23 20	0 56	20 56	1 9	24 7	0 26	19 42	1 15	27 45	16 44	10 5	9 37	4 6		n.a.
W22	19 2	10 28	0s 8	24 33	2 9	16 41	0 24	5 7	0 49	23 18	0 56	20 55	1 9	24 7	0 26	19 42	1 15	27 45	16 44	10 5	9 36	4 8		n.a.
T 23	19 17	14 14	1 28	24 42	2 6	17 5	0 22	5 23	0 49	23 17	0 56	20 54	1 9	24 7	0 26	19 43	1 15	27 44	16 43	10 5	9 35	4 10		n.a.
F 24	19 32	17 4	2 41	24 50	2 3	17 28	0 20	5 40	0 48	23 15	0 56	20 54	1 8	24 7	0 26	19 43	1 15	27 44	16 43	10 4	9 34	4 12		n.a.
S 25	19 47	18 44	3 43	24 56	1 59	17 51	0 17	5 56	0 48	23 13	0 56	20 53	1 8	24 7	0 26	19 44	1 15	27 43	16 43	10 3	9 33	4 14		n.a.
S 26	20 1	19 11	4 30	24 59	1 54	18 14	0 15	6 12	0 47	23 11	0 56	20 52	1 8	24 7	0 26	19 44	1 15	27 43	16 42	10 1	9 31	4 16		n.a.
M27	20 14	18 28	5 0	25 1	1 48	18 35	0 12	6 29	0 47	23 10	0 56	20 52	1 8	24 7	0 26	19 45	1 15	27 43	16 42	9 59	9 30	4 18		n.a.
T 28	20 28	16 45	5 12	25 1	1 41	18 57	0 10	6 45	0 46	23 8	0 56	20 51	1 8	24 7	0 26	19 45	1 15	27 42	16 42	9 57	9 29	4 20		n.a.
W29	20 41	14 13	5 7	24 58	1 33	19 18	0 8	7 1	0 46	23 6	0 56	20 50	1 8	24 8	0 26	19 46	1 15	27 42	16 41	9 55	9 28	4 21		n.a.
T 30	20s53	11n 5	4s48	24s54	1s24	19s38	0n 5	7s17	0n46	23s 4	0s55	20n50	1s 8	24n 8	0n26	19s46	1n15	27s41	16s41	9s54	9s27	4s23		n.a.

Julian Day Number = 1484680.5, Delta T = 05h19m45s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'31, Lahiri = -12°54'30 Julian Calendar 1 Nov. 649 BCE == Greg. Calendar 25 Oct. 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 649 BCE
geocentric

DECEMBER 649 BCE (-648) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 12 4	3♐12'25	0♍11	22♐33	28♏ 5	20♎52	20♑51	7°R54	4°R25	2♐47	28♒28	25°D14	23♎58	7♎42	n.a.	F 1
S 2	4 16 1	4°13'41	12°12	23°27	29°21	21°33	21° 3	7♊49	4♋23	2°49	28°28	25♎15	23°55	7°49	n.a.	S 2
S 3	4 19 57	5°14'58	24° 3	24°14	0♐36	22°14	21°15	7°44	4°21	2°51	28°28	25°16	23°52	7°55	n.a.	S 3
M 4	4 23 54	6°16'14	5♎50	24°53	1°52	22°55	21°28	7°39	4°18	2°53	28°29	25°18	23°48	8° 2	n.a.	M 4
T 5	4 27 51	7°17'30	17°38	25°23	3° 7	23°37	21°40	7°34	4°16	2°56	28°29	25°19	23°45	8° 9	n.a.	T 5
W 6	4 31 47	8°18'45	29°32	25°43	4°22	24°18	21°52	7°29	4°14	2°58	28°29	25°R19	23°42	8°15	n.a.	W 6
T 7	4 35 44	9°20'01	11♏35	25°R53	5°38	25° 0	22° 4	7°24	4°12	3° 0	28°30	25°18	23°39	8°22	n.a.	T 7
F 8	4 39 40	10°21'16	23°50	25°52	6°53	25°41	22°17	7°19	4° 9	3° 3	28°30	25°14	23°36	8°29	n.a.	F 8
S 9	4 43 37	11°22'31	6♑19	25°38	8° 9	26°22	22°29	7°14	4° 7	3° 5	28°31	25° 8	23°33	8°35	n.a.	S 9
S 10	4 47 33	12°23'46	19° 3	25°14	9°24	27° 4	22°42	7° 9	4° 5	3° 7	28°31	25° 0	23°29	8°42	n.a.	S 10
M11	4 51 30	13°25'00	2♒ 1	24°37	10°40	27°45	22°55	7° 4	4° 2	3° 9	28°32	24°51	23°26	8°49	n.a.	M11
T 12	4 55 26	14°26'13	15°13	23°50	11°55	28°27	23° 8	7° 0	4° 0	3°12	28°32	24°42	23°23	8°55	n.a.	T 12
W13	4 59 23	15°27'25	28°37	22°52	13°11	29° 8	23°20	6°55	3°57	3°14	28°33	24°34	23°20	9° 2	n.a.	W13
T 14	5 3 20	16°28'37	12♓12	21°47	14°26	29°50	23°33	6°50	3°55	3°16	28°33	24°27	23°17	9° 8	n.a.	T 14
F 15	5 7 16	17°29'47	25°57	20°35	15°41	0♏32	23°46	6°45	3°52	3°18	28°34	24°22	23°14	9°15	n.a.	F 15
S 16	5 11 13	18°30'57	9♈50	19°19	16°57	1°13	23°59	6°40	3°50	3°20	28°35	24°20	23°10	9°22	n.a.	S 16
S 17	5 15 9	19°32'05	23°51	18° 2	18°12	1°55	24°12	6°35	3°47	3°23	28°35	24°D20	23° 7	9°28	n.a.	S 17
M18	5 19 6	20°33'12	7♉59	16°45	19°27	2°36	24°26	6°30	3°45	3°25	28°36	24°21	23° 4	9°35	n.a.	M18
T 19	5 23 2	21°34'18	22°14	15°31	20°43	3°18	24°39	6°26	3°42	3°27	28°37	24°R21	23° 1	9°42	n.a.	T 19
W20	5 26 59	22°35'22	6♊33	14°21	21°58	4° 0	24°52	6°21	3°40	3°29	28°37	24°21	22°58	9°48	n.a.	W20
T 21	5 30 56	23°36'26	20°53	13°19	23°13	4°41	25° 5	6°16	3°37	3°31	28°38	24°18	22°54	9°55	n.a.	T 21
F 22	5 34 52	24°37'28	5♋10	12°24	24°29	5°23	25°19	6°12	3°35	3°34	28°39	24°12	22°51	10° 2	n.a.	F 22
S 23	5 38 49	25°38'30	19°20	11°37	25°44	6° 5	25°32	6° 7	3°32	3°36	28°39	24° 4	22°48	10° 8	n.a.	S 23
S 24	5 42 45	26°39'30	3♌16	10°59	26°59	6°47	25°46	6° 3	3°29	3°38	28°40	23°54	22°45	10°15	n.a.	S 24
M25	5 46 42	27°40'29	16°55	10°30	28°14	7°29	25°59	5°58	3°27	3°40	28°41	23°43	22°42	10°22	n.a.	M25
T 26	5 50 38	28°41'27	0♎12	10°10	29°30	8°10	26°13	5°54	3°24	3°42	28°42	23°32	22°39	10°28	n.a.	T 26
W27	5 54 35	29°42'24	13° 9	9°58	0♒45	8°52	26°26	5°50	3°22	3°44	28°43	23°22	22°35	10°35	n.a.	W27
T 28	5 58 31	0♒43'21	25°44	9°D55	2° 0	9°34	26°40	5°45	3°19	3°46	28°44	23°14	22°32	10°42	n.a.	T 28
F 29	6 2 28	1°44'16	8♍ 0	9°59	3°15	10°16	26°54	5°41	3°16	3°48	28°45	23° 9	22°29	10°48	n.a.	F 29
S 30	6 6 25	2°45'10	20° 2	10°11	4°31	10°58	27° 8	5°37	3°14	3°50	28°45	23° 6	22°26	10°55	n.a.	S 30
S 31	6 10 21	3♒46'03	1♎54	10♐29	5♒46	11♏40	27♒21	5♊33	3♋11	3♐52	28♒46	23°D 5	22♎23	11♎ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s 5	7n34	4s16	24s47	1s14	19s58	0n 3	7s33	0n45	23s 2	0s55	20n49	1s 8	24n 8	0n26	19s47	1n15	27s41	16s41	9s54	9s25	4s25		n.a.
S 2	21 17	3 48	3 34	24 39	1 3	20 17	0 1	7 50	0 45	23 1	0 55	20 48	1 8	24 8	0 26	19 47	1 15	27 41	16 40	9 54	9 24	4 27		n.a.
S 3	21 28	0s 5	2 42	24 29	0 50	20 35	0s 2	8 6	0 44	22 59	0 55	20 47	1 8	24 8	0 26	19 47	1 15	27 40	16 40	9 54	9 23	4 29		n.a.
M 4	21 39	3 56	1 44	24 17	0 37	20 53	0 4	8 22	0 44	22 57	0 55	20 47	1 8	24 8	0 26	19 48	1 15	27 40	16 39	9 55	9 22	4 31		n.a.
T 5	21 50	7 39	0 42	24 3	0 22	21 11	0 7	8 38	0 43	22 55	0 55	20 46	1 8	24 8	0 26	19 48	1 15	27 39	16 39	9 56	9 21	4 33		n.a.
W 6	22 0	11 6	0n23	23 48	0 6	21 27	0 9	8 53	0 43	22 53	0 55	20 45	1 7	24 8	0 26	19 49	1 15	27 39	16 39	9 56	9 19	4 35		n.a.
T 7	22 9	14 8	1 27	23 31	0n12	21 44	0 11	9 9	0 42	22 51	0 55	20 44	1 7	24 8	0 26	19 49	1 15	27 38	16 38	9 55	9 18	4 36		n.a.
F 8	22 19	16 36	2 28	23 13	0 30	21 59	0 14	9 25	0 42	22 48	0 55	20 44	1 7	24 8	0 26	19 50	1 15	27 38	16 38	9 54	9 17	4 38		n.a.
S 9	22 27	18 19	3 23	22 53	0 48	22 14	0 16	9 41	0 41	22 46	0 55	20 43	1 7	24 8	0 26	19 50	1 15	27 37	16 38	9 51	9 16	4 40		n.a.
S 10	22 36	19 10	4 9	22 33	1 8	22 28	0 18	9 56	0 40	22 44	0 55	20 42	1 7	24 9	0 26	19 51	1 15	27 37	16 37	9 49	9 15	4 42		n.a.
M11	22 44	19 2	4 43	22 12	1 27	22 42	0 21	10 12	0 40	22 42	0 55	20 42	1 7	24 9	0 26	19 51	1 15	27 36	16 37	9 45	9 14	4 44		n.a.
T 12	22 51	17 52	5 3	21 51	1 47	22 55	0 23	10 27	0 39	22 40	0 55	20 41	1 7	24 9	0 26	19 51	1 15	27 36	16 37	9 42	9 12	4 46		n.a.
W13	22 58	15 44	5 6	21 30	2 5	23 7	0 25	10 43	0 39	22 38	0 55	20 40	1 7	24 9	0 26	19 52	1 15	27 35	16 36	9 39	9 11	4 48		n.a.
T 14	23 4	12 42	4 53	21 8	2 23	23 18	0 27	10 58	0 38	22 35	0 55	20 40	1 6	24 9	0 26	19 52	1 15	27 35	16 36	9 36	9 10	4 50		n.a.
F 15	23 10	8 56	4 22	20 47	2 39	23 29	0 30	11 14	0 38	22 33	0 55	20 39	1 6	24 9	0 26	19 53	1 15	27 34	16 36	9 34	9 9	4 51		n.a.
S 16	23 16	4 40	3 36	20 27	2 54	23 39	0 32	11 29	0 37	22 31	0 55	20 38	1 6	24 9	0 26	19 53	1 15	27 34	16 35	9 34	9 8	4 53		n.a.
S 17	23 21	0 5	2 36	20 8	3 6	23 48	0 34	11 44	0 37	22 28	0 55	20 37	1 6	24 9	0 26	19 54	1 15	27 33	16 35	9 34	9 6	4 55		n.a.
M18	23 26	4n32	1 27	19 51	3 16	23 57	0 36	11 59	0 36	22 26	0 55	20 37	1 6	24 9	0 26	19 54	1 15	27 33	16 35	9 34	9 5	4 57		n.a.
T 19	23 30	8 57	0 11	19 36	3 23	24 5	0 38	12 14	0 35	22 24	0 55	20 36	1 6	24 9	0 26	19 54	1 15	27 32	16 34	9 34	9 4	4 59		n.a.
W20	23 34	12 52	1s 5	19 23	3 29	24 12	0 40	12 29	0 35	22 21	0 55	20 35	1 6	24 9	0 26	19 55	1 15	27 31	16 34	9 34	9 3	5 1		n.a.
T 21	23 37	16 1	2 17	19 13	3 31	24 18	0 43	12 44	0 34	22 19	0 55	20 35	1 6	24 10	0 26	19 55	1 15	27 31	16 34	9 33	9 2	5 3		n.a.
F 22	23 40	18 11	3 20	19 6	3 32	24 24	0 45	12 58	0 34	22 16	0 55	20 34	1 5	24 10	0 26	19 56	1 15	27 30	16 33	9 31	9 0	5 5		n.a.
S 23	23 42	19 11	4 10	19 1	3 30	24 29	0 47	13 13	0 33	22 14	0 55	20 33	1 5	24 10	0 26	19 56	1 15	27 30	16 33	9 28	8 59	5 6		n.a.
S 24	23 44	19 0	4 44	18 59	3 27	24 33	0 49	13 27	0 32	22 11	0 55	20 33	1 5	24 10	0 26	19 56	1 15	27 29	16 33	9 24	8 58	5 8		n.a.
M25	23 45	17 42	5 1	18 59	3 23	24 36	0 50	13 42	0 32	22 9	0 55	20 32	1 5	24 10	0 26	19 57	1 15	27 28	16 32	9 20	8 57	5 10		n.a.
T 26	23 46	15 29	5 1	19 2	3 17	24 39	0 52	13 56	0 31	22 6	0 55	20 32	1 5	24 10	0 26	19 57	1 15	27 28	16 32	9 16	8 56	5 12		n.a.
W27	23 46	12 32	4 46	19 8	3 9	24 40	0 54	14 10	0 30	22 3	0 55	20 31	1 5	24 10	0 26	19 58	1 15	27 27	16 32	9 12	8 54	5 14		n.a.
T 28	23 46	9 6	4 17	19 15	3 1	24 41	0 56	14 25	0 30	22 1	0 55	20 30	1 4	24 10	0 26	19 58	1 15	27 27	16 31	9 9	8 53	5 16		n.a.
F 29	23 46	5 21	3 36	19 24	2 53	24 42	0 58	14 39	0 29	21 58	0 55	20 30	1 4	24 10	0 26	19 58	1 15	27 26	16 31	9 7	8 52	5 17		n.a.
S 30	23 45	1 27	2 47	19 35	2 44	24 41	1 0	14 52	0 28	21 55	0 55	20 29	1 4	24 10	0 26	19 59	1 15	27 25	16 31	9 6	8 51	5 19		n.a.
S 31	23s43	2s27	1s50	19s47	2n34	24s40	1s 1	15s 6	0n28	21s53	0s55	20n29	1s 4	24n10	0n26	19s59	1n15	27s25	16s31	9s 6	8s50	5s21		n.a.

Julian Day Number = 1484710.5, Delta T = 05h19m44s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'27, Lahiri = -12°54'26 Julian Calendar 1 Dec. 649 BCE == Greg. Calendar 24 Nov. 649 BCE

The year -648 astronomical counting style corresponds to year 649 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

JANUARY 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 14 18	4♑46'54	13♎42	10♐53	7♑ 1	12♏22	27♑35	5°R29	3°R 9	3♐54	28♒47	23♎ 5	22♎20	11♎ 8	n.a.	M 1
T 2	6 18 14	5°47'45	25°31	11°23	8°16	13° 4	27°49	5♊25	3♋ 6	3°56	28°48	23°R 5	22°16	11°15	n.a.	T 2
W 3	6 22 11	6°48'35	7♏26	11°58	9°31	13°46	28° 3	5°21	3° 3	3°58	28°49	23° 4	22°13	11°21	n.a.	W 3
T 4	6 26 7	7°49'23	19°33	12°37	10°46	14°28	28°17	5°17	3° 1	4° 0	28°50	23° 1	22°10	11°28	n.a.	T 4
F 5	6 30 4	8°50'11	1♐56	13°21	12° 2	15°10	28°31	5°13	2°58	4° 2	28°51	22°56	22° 7	11°35	n.a.	F 5
S 6	6 34 0	9°50'57	14°37	14° 9	13°17	15°52	28°45	5°10	2°55	4° 4	28°52	22°47	22° 4	11°41	n.a.	S 6
S 7	6 37 57	10°51'42	27°38	15° 0	14°32	16°34	28°59	5° 6	2°53	4° 6	28°53	22°36	22° 0	11°48	n.a.	S 7
M 8	6 41 54	11°52'25	10♑58	15°55	15°47	17°16	29°13	5° 3	2°50	4° 8	28°54	22°23	21°57	11°55	n.a.	M 8
T 9	6 45 50	12°53'07	24°36	16°53	17° 2	17°58	29°27	4°59	2°48	4°10	28°55	22°10	21°54	12° 1	n.a.	T 9
W10	6 49 47	13°53'47	8♒27	17°53	18°17	18°41	29°42	4°56	2°45	4°12	28°57	21°58	21°51	12° 8	n.a.	W10
T 11	6 53 43	14°54'25	22°28	18°57	19°32	19°23	29°56	4°53	2°43	4°14	28°58	21°48	21°48	12°15	n.a.	T 11
F 12	6 57 40	15°55'01	6♓34	20° 2	20°47	20° 5	0♒10	4°50	2°40	4°16	28°59	21°41	21°45	12°21	n.a.	F 12
S 13	7 1 36	16°55'36	20°42	21°10	22° 2	20°47	0°24	4°47	2°38	4°17	29° 0	21°37	21°41	12°28	n.a.	S 13
S 14	7 5 33	17°56'08	4♈50	22°19	23°17	21°29	0°38	4°44	2°35	4°19	29° 1	21°35	21°38	12°35	n.a.	S 14
M15	7 9 29	18°56'38	18°55	23°31	24°32	22°12	0°53	4°41	2°33	4°21	29° 2	21°35	21°35	12°41	n.a.	M15
T 16	7 13 26	19°57'07	2♉58	24°44	25°47	22°54	1° 7	4°38	2°30	4°23	29° 3	21°34	21°32	12°48	n.a.	T 16
W17	7 17 23	20°57'33	16°58	25°59	27° 2	23°36	1°21	4°35	2°28	4°24	29° 5	21°33	21°29	12°55	n.a.	W17
T 18	7 21 19	21°57'57	0♊54	27°16	28°17	24°18	1°36	4°33	2°25	4°26	29° 6	21°29	21°26	13° 1	n.a.	T 18
F 19	7 25 16	22°58'20	14°44	28°34	29°32	25° 1	1°50	4°30	2°23	4°28	29° 7	21°23	21°22	13° 8	n.a.	F 19
S 20	7 29 12	23°58'40	28°26	29°54	0♒47	25°43	2° 4	4°28	2°20	4°29	29° 8	21°13	21°19	13°14	n.a.	S 20
S 21	7 33 9	24°58'58	11♋58	1♑15	2° 1	26°25	2°19	4°26	2°18	4°31	29°10	21° 1	21°16	13°21	n.a.	S 21
M22	7 37 5	25°59'14	25°17	2°38	3°16	27° 8	2°33	4°24	2°16	4°33	29°11	20°48	21°13	13°28	n.a.	M22
T 23	7 41 2	26°59'29	8♌19	4° 1	4°31	27°50	2°48	4°22	2°13	4°34	29°12	20°34	21°10	13°34	n.a.	T 23
W24	7 44 58	27°59'41	21° 5	5°26	5°46	28°33	3° 2	4°20	2°11	4°36	29°13	20°22	21° 6	13°41	n.a.	W24
T 25	7 48 55	28°59'52	3♍35	6°53	7° 1	29°15	3°16	4°18	2° 9	4°37	29°15	20°12	21° 3	13°48	n.a.	T 25
F 26	7 52 52	0♒ 0'01	15°48	8°20	8°15	29°57	3°31	4°16	2° 7	4°39	29°16	20° 5	21° 0	13°54	n.a.	F 26
S 27	7 56 48	1° 0'08	27°49	9°49	9°30	0♐40	3°45	4°14	2° 4	4°40	29°17	20° 1	20°57	14° 1	n.a.	S 27
S 28	8 0 45	2° 0'13	9♎41	11°18	10°45	1°22	4° 0	4°13	2° 2	4°42	29°19	19°59	20°54	14° 8	n.a.	S 28
M29	8 4 41	3° 0'17	21°29	12°49	12° 0	2° 5	4°14	4°11	2° 0	4°43	29°20	19°D59	20°51	14°14	n.a.	M29
T 30	8 8 38	4° 0'18	3♏18	14°21	13°14	2°47	4°29	4°10	1°58	4°44	29°21	19°R59	20°47	14°21	n.a.	T 30
W31	8 12 34	5♒ 0'19	15♏13	15♑55	14♒29	3♐30	4♒43	4♊ 9	1♋56	4♐46	29♒23	19♎58	20♎44	14♎28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s41	6s14	0s50	20s 1	2n24	24s38	1s 3	15s20	0n27	21s50	0s55	20n28	1s 4	24n10	0n26	20s 0	1n15	27s24	16s30	9s 6	8s48	5s23		n.a.
T 2	23 39	9 48	0n13	20 15	2 14	24 35	1 4	15 33	0 26	21 47	0 55	20 28	1 4	24 11	0 26	20 0	1 15	27 24	16 30	9 6	8 47	5 25		n.a.
W 3	23 36	13 0	1 16	20 30	2 3	24 31	1 6	15 47	0 26	21 44	0 55	20 27	1 3	24 11	0 26	20 0	1 15	27 23	16 30	9 5	8 46	5 27		n.a.
T 4	23 32	15 41	2 16	20 46	1 53	24 27	1 7	16 0	0 25	21 42	0 55	20 26	1 3	24 11	0 27	20 1	1 15	27 22	16 29	9 4	8 45	5 29		n.a.
F 5	23 28	17 43	3 11	21 1	1 42	24 22	1 9	16 13	0 24	21 39	0 55	20 26	1 3	24 11	0 27	20 1	1 15	27 22	16 29	9 2	8 44	5 30		n.a.
S 6	23 24	18 56	3 57	21 18	1 32	24 16	1 10	16 27	0 23	21 36	0 55	20 25	1 3	24 11	0 27	20 1	1 15	27 21	16 29	8 59	8 42	5 32		n.a.
S 7	23 19	19 12	4 33	21 34	1 22	24 9	1 12	16 39	0 23	21 33	0 55	20 25	1 3	24 11	0 27	20 2	1 15	27 21	16 29	8 55	8 41	5 34		n.a.
M 8	23 14	18 25	4 55	21 50	1 11	24 2	1 13	16 52	0 22	21 30	0 55	20 25	1 3	24 11	0 27	20 2	1 15	27 20	16 28	8 50	8 40	5 36		n.a.
T 9	23 8	16 34	5 0	22 6	1 1	23 54	1 14	17 5	0 21	21 27	0 55	20 24	1 2	24 11	0 27	20 2	1 15	27 19	16 28	8 45	8 39	5 38		n.a.
W10	23 2	13 46	4 49	22 22	0 51	23 45	1 15	17 18	0 21	21 24	0 55	20 24	1 2	24 11	0 27	20 3	1 15	27 19	16 28	8 40	8 38	5 40		n.a.
T 11	22 55	10 8	4 19	22 37	0 41	23 35	1 17	17 30	0 20	21 21	0 55	20 23	1 2	24 11	0 27	20 3	1 15	27 18	16 28	8 37	8 36	5 41		n.a.
F 12	22 48	5 55	3 34	22 52	0 32	23 25	1 18	17 42	0 19	21 18	0 55	20 23	1 2	24 11	0 27	20 3	1 15	27 17	16 27	8 34	8 35	5 43		n.a.
S 13	22 41	1 21	2 36	23 6	0 22	23 14	1 19	17 54	0 18	21 15	0 56	20 23	1 2	24 11	0 27	20 4	1 15	27 17	16 27	8 32	8 34	5 45		n.a.
S 14	22 33	3n17	1 27	23 20	0 13	23 2	1 20	18 6	0 17	21 12	0 56	20 22	1 1	24 11	0 27	20 4	1 15	27 16	16 27	8 32	8 33	5 47		n.a.
M15	22 25	7 44	0 14	23 33	0 4	22 50	1 21	18 18	0 17	21 9	0 56	20 22	1 1	24 11	0 27	20 4	1 15	27 15	16 27	8 31	8 32	5 49		n.a.
T 16	22 16	11 44	1s 0	23 45	0s 5	22 37	1 21	18 30	0 16	21 5	0 56	20 22	1 1	24 11	0 27	20 5	1 15	27 15	16 26	8 31	8 30	5 51		n.a.
W17	22 7	15 4	2 10	23 56	0 14	22 23	1 22	18 41	0 15	21 2	0 56	20 21	1 1	24 11	0 27	20 5	1 15	27 14	16 26	8 31	8 29	5 52		n.a.
T 18	21 57	17 30	3 12	24 6	0 22	22 9	1 23	18 53	0 14	20 59	0 56	20 21	1 1	24 11	0 27	20 5	1 15	27 13	16 26	8 29	8 28	5 54		n.a.
F 19	21 47	18 53	4 2	24 16	0 30	21 54	1 24	19 4	0 13	20 56	0 56	20 21	1 1	24 12	0 27	20 5	1 16	27 13	16 26	8 27	8 27	5 56		n.a.
S 20	21 37	19 8	4 37	24 24	0 38	21 38	1 24	19 15	0 12	20 53	0 56	20 20	1 0	24 12	0 27	20 6	1 16	27 12	16 26	8 23	8 26	5 58		n.a.
S 21	21 26	18 18	4 57	24 31	0 45	21 22	1 25	19 26	0 12	20 49	0 56	20 20	1 0	24 12	0 27	20 6	1 16	27 11	16 25	8 19	8 24	6 0		n.a.
M22	21 15	16 28	4 59	24 37	0 52	21 5	1 25	19 37	0 11	20 46	0 56	20 20	1 0	24 12	0 27	20 6	1 16	27 11	16 25	8 14	8 23	6 1		n.a.
T 23	21 3	13 50	4 46	24 42	0 59	20 47	1 26	19 47	0 10	20 43	0 56	20 20	1 0	24 12	0 27	20 7	1 16	27 10	16 25	8 9	8 22	6 3		n.a.
W24	20 51	10 35	4 19	24 45	1 6	20 29	1 26	19 58	0 9	20 40	0 56	20 20	1 0	24 12	0 27	20 7	1 16	27 10	16 25	8 4	8 21	6 5		n.a.
T 25	20 39	6 56	3 40	24 48	1 12	20 10	1 26	20 8	0 8	20 36	0 56	20 19	0 59	24 12	0 27	20 7	1 16	27 9	16 25	8 0	8 20	6 7		n.a.
F 26	20 26	3 3	2 51	24 49	1 18	19 51	1 27	20 18	0 7	20 33	0 56	20 19	0 59	24 12	0 27	20 7	1 16	27 8	16 25	7 57	8 18	6 9		n.a.
S 27	20 13	0s52	1 55	24 48	1 24	19 31	1 27	20 28	0 6	20 29	0 56	20 19	0 59	24 12	0 27	20 8	1 16	27 8	16 24	7 56	8 17	6 11		n.a.
S 28	19 59	4 43	0 54	24 46	1 30	19 10	1 27	20 38	0 5	20 26	0 56	20 19	0 59	24 12	0 27	20 8	1 16	27 7	16 24	7 55	8 16	6 12		n.a.
M29	19 45	8 22	0n 8	24 43	1 35	18 49	1 27	20 47	0 5	20 23	0 56	20 19	0 59	24 12	0 27	20 8	1 16	27 6	16 24	7 55	8 15	6 14		n.a.
T 30	19 31	11 41	1 10	24 38	1 39	18 28	1 27	20 57	0 4	20 19	0 56	20 19	0 58	24 12	0 27	20 8	1 16	27 6	16 24	7 55	8 14	6 16		n.a.
W31	19s17	14s33	2n10	24s32	1s44	18s 6	1s27	21s 6	0n 3	20s16	0s57	20n19	0s58	24n12	0n27	20s 9	1n16	27s 5	16s24	7s55	8s12	6s18		n.a.

Julian Day Number = 1484741.5, Delta T = 05h19m43s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'23, Lahiri = -12°54'22 Julian Calendar 1 Jan. 648 BCE == Greg. Calendar 25 Dec. 649 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

FEBRUARY 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 16 31	6♒ 0'17	27♏21	17♉29	15♒44	4♐12	4♒57	4°R 8	1°R54	4♐47	29♒24	19°R56	20♎41	14♎34	n.a.	T 1
F 2	8 20 27	7° 0'13	9♐46	19° 4	16°58	4°55	5°12	4♊ 7	1♋52	4°48	29°26	19♎52	20°38	14°41	n.a.	F 2
S 3	8 24 24	8° 0'08	22°32	20°41	18°13	5°37	5°26	4° 6	1°50	4°50	29°27	19°45	20°35	14°48	n.a.	S 3
S 4	8 28 21	9° 0'01	5♉42	22°19	19°28	6°20	5°41	4° 5	1°48	4°51	29°28	19°36	20°32	14°54	n.a.	S 4
M 5	8 32 17	9°59'52	19°16	23°58	20°42	7° 3	5°55	4° 5	1°46	4°52	29°30	19°25	20°28	15° 1	n.a.	M 5
T 6	8 36 14	10°59'41	3♒13	25°38	21°57	7°45	6°10	4° 4	1°44	4°53	29°31	19°14	20°25	15° 7	n.a.	T 6
W 7	8 40 10	11°59'28	17°27	27°19	23°11	8°28	6°24	4° 4	1°42	4°55	29°33	19° 3	20°22	15°14	n.a.	W 7
T 8	8 44 7	12°59'13	1♓55	29° 1	24°26	9°10	6°38	4° 3	1°40	4°56	29°34	18°54	20°19	15°21	n.a.	T 8
F 9	8 48 3	13°58'55	16°28	0♒45	25°40	9°53	6°53	4° 3	1°39	4°57	29°35	18°48	20°16	15°27	n.a.	F 9
S 10	8 52 0	14°58'35	1♈ 0	2°30	26°55	10°36	7° 7	4°D 3	1°37	4°58	29°37	18°44	20°12	15°34	n.a.	S 10
S 11	8 55 56	15°58'13	15°27	4°16	28° 9	11°18	7°21	4° 3	1°35	4°59	29°38	18°D43	20° 9	15°41	n.a.	S 11
M12	8 59 53	16°57'48	29°45	6° 3	29°24	12° 1	7°36	4° 3	1°34	5° 0	29°40	18°43	20° 6	15°47	n.a.	M12
T 13	9 3 49	17°57'21	13♉51	7°51	0♓38	12°44	7°50	4° 4	1°32	5° 1	29°41	18°R43	20° 3	15°54	n.a.	T 13
W14	9 7 46	18°56'52	27°46	9°41	1°52	13°26	8° 4	4° 4	1°31	5° 2	29°43	18°43	20° 0	16° 1	n.a.	W14
T 15	9 11 43	19°56'20	11♊29	11°32	3° 7	14° 9	8°19	4° 4	1°29	5° 3	29°44	18°41	19°57	16° 7	n.a.	T 15
F 16	9 15 39	20°55'46	25° 0	13°24	4°21	14°52	8°33	4° 5	1°28	5° 4	29°46	18°37	19°53	16°14	n.a.	F 16
S 17	9 19 36	21°55'09	8♋19	15°18	5°35	15°34	8°47	4° 6	1°26	5° 4	29°47	18°30	19°50	16°21	n.a.	S 17
S 18	9 23 32	22°54'30	21°27	17°12	6°50	16°17	9° 1	4° 6	1°25	5° 5	29°49	18°21	19°47	16°27	n.a.	S 18
M19	9 27 29	23°53'48	4♌22	19° 8	8° 4	17° 0	9°16	4° 7	1°24	5° 6	29°50	18°11	19°44	16°34	n.a.	M19
T 20	9 31 25	24°53'04	17° 4	21° 5	9°18	17°42	9°30	4° 8	1°22	5° 7	29°52	18° 1	19°41	16°41	n.a.	T 20
W21	9 35 22	25°52'18	29°34	23° 4	10°32	18°25	9°44	4°10	1°21	5° 8	29°53	17°52	19°38	16°47	n.a.	W21
T 22	9 39 18	26°51'30	11♍51	25° 3	11°46	19° 8	9°58	4°11	1°20	5° 8	29°54	17°45	19°34	16°54	n.a.	T 22
F 23	9 43 15	27°50'40	23°57	27° 3	13° 0	19°51	10°12	4°12	1°19	5° 9	29°56	17°40	19°31	17° 0	n.a.	F 23
S 24	9 47 12	28°49'47	5♎54	29° 5	14°15	20°33	10°26	4°14	1°18	5° 9	29°57	17°37	19°28	17° 7	n.a.	S 24
S 25	9 51 8	29°48'53	17°44	1♓ 7	15°29	21°16	10°40	4°15	1°17	5°10	29°59	17°D36	19°25	17°14	n.a.	S 25
M26	9 55 5	0♓47'57	29°31	3°10	16°43	21°59	10°54	4°17	1°16	5°11	0♓ 0	17°37	19°22	17°20	n.a.	M26
T 27	9 59 1	1°46'58	11♏20	5°14	17°57	22°42	11° 8	4°19	1°15	5°11	0° 2	17°38	19°18	17°27	n.a.	T 27
W28	10 2 58	2♓45'58	23♏15	7♓17	19♓11	23♐24	11♒22	4♊21	1♋14	5♐12	0♓ 3	17♎40	19♎15	17♎34	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 2	16s50	3n 5	24s24	1s48	17s43	1s27	21s15	0n 2	20s12	0s57	20n19	0s58	24n12	0n27	20s 9	1n16	27s 4	16s24	7s54	8s11	6s20		n.a.
F 2	18 47	18 24	3 52	24 14	1 51	17 20	1 26	21 24	0 1	20 9	0 57	20 19	0 58	24 12	0 27	20 9	1 16	27 4	16 23	7 52	8 10	6 21		n.a.
S 3	18 31	19 4	4 30	24 3	1 55	16 57	1 26	21 33	0s 0	20 5	0 57	20 19	0 58	24 12	0 27	20 9	1 16	27 3	16 23	7 50	8 9	6 23		n.a.
S 4	18 15	18 45	4 54	23 50	1 58	16 33	1 26	21 41	0 1	20 2	0 57	20 19	0 57	24 12	0 27	20 9	1 16	27 2	16 23	7 46	8 7	6 25		n.a.
M 5	17 59	17 22	5 3	23 35	2 0	16 8	1 25	21 49	0 2	19 58	0 57	20 19	0 57	24 12	0 27	20 10	1 16	27 2	16 23	7 42	8 6	6 27		n.a.
T 6	17 43	14 57	4 54	23 19	2 2	15 43	1 25	21 57	0 3	19 55	0 57	20 19	0 57	24 12	0 27	20 10	1 16	27 1	16 23	7 38	8 5	6 29		n.a.
W 7	17 26	11 35	4 27	23 1	2 4	15 18	1 24	22 5	0 4	19 51	0 57	20 19	0 57	24 12	0 26	20 10	1 16	27 1	16 23	7 34	8 4	6 30		n.a.
T 8	17 9	7 29	3 42	22 41	2 5	14 52	1 24	22 13	0 5	19 47	0 57	20 20	0 57	24 12	0 26	20 10	1 16	27 0	16 23	7 30	8 3	6 32		n.a.
F 9	16 52	2 55	2 43	22 19	2 6	14 26	1 23	22 21	0 6	19 44	0 57	20 20	0 56	24 12	0 26	20 10	1 16	26 59	16 23	7 28	8 1	6 34		n.a.
S 10	16 34	1n49	1 33	21 56	2 6	14 0	1 22	22 28	0 7	19 40	0 57	20 20	0 56	24 12	0 26	20 10	1 16	26 59	16 23	7 26	8 0	6 36		n.a.
S 11	16 16	6 26	0 17	21 30	2 6	13 33	1 22	22 35	0 8	19 37	0 57	20 20	0 56	24 12	0 26	20 11	1 16	26 58	16 23	7 26	7 59	6 37		n.a.
M12	15 58	10 37	0s59	21 3	2 6	13 6	1 21	22 42	0 9	19 33	0 57	20 20	0 56	24 12	0 26	20 11	1 16	26 57	16 22	7 26	7 58	6 39		n.a.
T 13	15 40	14 9	2 10	20 34	2 5	12 38	1 20	22 49	0 10	19 29	0 58	20 21	0 56	24 12	0 26	20 11	1 16	26 57	16 22	7 26	7 57	6 41		n.a.
W14	15 21	16 48	3 13	20 3	2 3	12 11	1 19	22 55	0 11	19 26	0 58	20 21	0 55	24 12	0 26	20 11	1 16	26 56	16 22	7 26	7 55	6 43		n.a.
T 15	15 2	18 27	4 4	19 30	2 1	11 43	1 18	23 1	0 13	19 22	0 58	20 21	0 55	24 12	0 26	20 11	1 16	26 56	16 22	7 25	7 54	6 45		n.a.
F 16	14 43	19 0	4 40	18 55	1 59	11 14	1 17	23 7	0 14	19 18	0 58	20 21	0 55	24 12	0 26	20 11	1 16	26 55	16 22	7 23	7 53	6 46		n.a.
S 17	14 24	18 30	5 1	18 19	1 56	10 45	1 15	23 13	0 15	19 15	0 58	20 22	0 55	24 12	0 26	20 11	1 16	26 54	16 22	7 21	7 52	6 48		n.a.
S 18	14 4	17 1	5 5	17 40	1 52	10 16	1 14	23 19	0 16	19 11	0 58	20 22	0 55	24 12	0 26	20 12	1 16	26 54	16 22	7 17	7 50	6 50		n.a.
M19	13 44	14 41	4 54	17 0	1 48	9 47	1 13	23 24	0 17	19 7	0 58	20 22	0 54	24 12	0 26	20 12	1 16	26 53	16 22	7 14	7 49	6 52		n.a.
T 20	13 24	11 41	4 28	16 17	1 43	9 18	1 12	23 30	0 18	19 3	0 58	20 23	0 54	24 12	0 26	20 12	1 16	26 53	16 22	7 10	7 48	6 53		n.a.
W21	13 4	8 12	3 49	15 33	1 38	8 48	1 10	23 35	0 19	19 0	0 58	20 23	0 54	24 12	0 26	20 12	1 16	26 52	16 22	7 6	7 47	6 55		n.a.
T 22	12 44	4 26	3 0	14 47	1 32	8 18	1 9	23 39	0 20	18 56	0 58	20 24	0 54	24 12	0 26	20 12	1 16	26 52	16 22	7 4	7 46	6 57		n.a.
F 23	12 23	0 32	2 4	14 0	1 25	7 48	1 7	23 44	0 21	18 52	0 59	20 24	0 54	24 12	0 26	20 12	1 16	26 51	16 22	7 2	7 44	6 59		n.a.
S 24	12 3	3s20	1 3	13 10	1 18	7 17	1 6	23 48	0 23	18 48	0 59	20 25	0 53	24 12	0 26	20 12	1 17	26 50	16 22	7 0	7 43	7 1		n.a.
S 25	11 42	7 2	0n 1	12 20	1 11	6 47	1 4	23 52	0 24	18 45	0 59	20 25	0 53	24 12	0 26	20 12	1 17	26 50	16 22	7 0	7 42	7 2		n.a.
M26	11 20	10 27	1 4	11 27	1 3	6 16	1 2	23 56	0 25	18 41	0 59	20 26	0 53	24 12	0 26	20 12	1 17	26 49	16 22	7 0	7 41	7 4		n.a.
T 27	10 59	13 27	2 5	10 33	0 54	5 45	1 1	24 0	0 26	18 37	0 59	20 26	0 53	24 12	0 26	20 12	1 17	26 49	16 22	7 1	7 40	7 6		n.a.
W28	10s38	15s55	3n 1	9s39	0s45	5s14	0s59	24s 4	0s27	18s33	0s59	20n27	0s53	24n12	0n26	20s12	1n17	26s48	16s22	7s 1	7s38	7s 8		n.a.

Julian Day Number = 1484772.5, Delta T = 05h19m41s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'18, Lahiri = -12°54'18 Julian Calendar 1 Feb. 648 BCE == Greg. Calendar 25 Jan. 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

MARCH 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 6 54	3♓44'56	5♐22	9♓21	20♓25	24♐ 7	11♒36	4♊23	1°R13	5♐12	0♓ 5	17°R40	19♎12	17♎40	n.a.	T 1
F 2	10 10 51	4°43'52	17°46	11°25	21°38	24°50	11°50	4°25	1♋12	5°13	0° 6	17♎39	19° 9	17°47	n.a.	F 2
S 3	10 14 47	5°42'47	0♑31	13°29	22°52	25°32	12° 4	4°27	1°12	5°13	0° 8	17°36	19° 6	17°54	n.a.	S 3
S 4	10 18 44	6°41'39	13°40	15°32	24° 6	26°15	12°18	4°29	1°11	5°13	0° 9	17°32	19° 3	18° 0	n.a.	S 4
M 5	10 22 40	7°40'30	27°17	17°34	25°20	26°58	12°31	4°32	1°10	5°14	0°11	17°26	18°59	18° 7	n.a.	M 5
T 6	10 26 37	8°39'19	11♒20	19°34	26°34	27°41	12°45	4°34	1°10	5°14	0°12	17°20	18°56	18°14	n.a.	T 6
W 7	10 30 34	9°38'05	25°47	21°33	27°48	28°23	12°59	4°37	1° 9	5°14	0°14	17°14	18°53	18°20	n.a.	W 7
T 8	10 34 30	10°36'50	10♓31	23°30	29° 1	29° 6	13°12	4°40	1° 9	5°14	0°15	17° 9	18°50	18°27	n.a.	T 8
F 9	10 38 27	11°35'32	25°26	25°24	0♈15	29°49	13°26	4°43	1° 8	5°15	0°17	17° 6	18°47	18°33	n.a.	F 9
S 10	10 42 23	12°34'12	10♈22	27°16	1°29	0♑32	13°39	4°45	1° 8	5°15	0°18	17°D 5	18°43	18°40	n.a.	S 10
S 11	10 46 20	13°32'51	25°12	29° 4	2°43	1°14	13°53	4°49	1° 8	5°15	0°20	17° 5	18°40	18°47	n.a.	S 11
M12	10 50 16	14°31'26	9♉50	0♈49	3°56	1°57	14° 6	4°52	1° 8	5°15	0°21	17° 6	18°37	18°53	n.a.	M12
T 13	10 54 13	15°30'00	24°11	2°31	5°10	2°40	14°20	4°55	1° 7	5°15	0°22	17° 7	18°34	19° 0	n.a.	T 13
W14	10 58 9	16°28'31	8♊13	4° 8	6°23	3°22	14°33	4°58	1° 7	5°R15	0°24	17° 8	18°31	19° 7	n.a.	W14
T 15	11 2 6	17°27'00	21°56	5°42	7°37	4° 5	14°46	5° 2	1° 7	5°15	0°25	17°R 8	18°28	19°13	n.a.	T 15
F 16	11 6 2	18°25'27	5♋19	7°11	8°50	4°47	14°59	5° 5	1°D 7	5°15	0°27	17° 7	18°24	19°20	n.a.	F 16
S 17	11 9 59	19°23'51	18°26	8°35	10° 4	5°30	15°13	5° 9	1° 7	5°15	0°28	17° 5	18°21	19°27	n.a.	S 17
S 18	11 13 56	20°22'13	1♌16	9°55	11°17	6°13	15°26	5°12	1° 7	5°15	0°30	17° 1	18°18	19°33	n.a.	S 18
M19	11 17 52	21°20'33	13°53	11° 9	12°31	6°55	15°39	5°16	1° 7	5°15	0°31	16°57	18°15	19°40	n.a.	M19
T 20	11 21 49	22°18'51	26°17	12°19	13°44	7°38	15°52	5°20	1° 8	5°15	0°32	16°53	18°12	19°47	n.a.	T 20
W21	11 25 45	23°17'07	8♍30	13°24	14°57	8°20	16° 5	5°24	1° 8	5°14	0°34	16°50	18° 9	19°53	n.a.	W21
T 22	11 29 42	24°15'21	20°35	14°24	16°10	9° 3	16°17	5°28	1° 8	5°14	0°35	16°47	18° 5	20° 0	n.a.	T 22
F 23	11 33 38	25°13'32	2♎32	15°18	17°24	9°45	16°30	5°32	1° 8	5°14	0°37	16°45	18° 2	20° 6	n.a.	F 23
S 24	11 37 35	26°11'42	14°23	16° 7	18°37	10°28	16°43	5°37	1° 9	5°14	0°38	16°D44	17°59	20°13	n.a.	S 24
S 25	11 41 31	27° 9'51	26°11	16°51	19°50	11°10	16°56	5°41	1° 9	5°13	0°39	16°44	17°56	20°20	n.a.	S 25
M26	11 45 28	28° 7'57	7♏58	17°29	21° 3	11°53	17° 8	5°45	1°10	5°13	0°41	16°45	17°53	20°26	n.a.	M26
T 27	11 49 25	29° 6'02	19°49	18° 2	22°16	12°35	17°21	5°50	1°10	5°13	0°42	16°47	17°49	20°33	n.a.	T 27
W28	11 53 21	0♈ 4'05	1♐46	18°30	23°29	13°17	17°33	5°54	1°11	5°12	0°43	16°48	17°46	20°40	n.a.	W28
T 29	11 57 18	1° 2'07	13°53	18°52	24°42	14° 0	17°46	5°59	1°12	5°12	0°45	16°49	17°43	20°46	n.a.	T 29
F 30	12 1 14	2° 0'08	26°16	19° 8	25°55	14°42	17°58	6° 4	1°12	5°11	0°46	16°50	17°40	20°53	n.a.	F 30
S 31	12 5 11	2♈58'06	8♑58	19♈19	27♈ 8	15♑25	18♒10	6♊ 9	1♋13	5♐11	0♓47	16°R50	17♎37	21♎ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s16	17s43	3n50	8s42	0s35	4s43	0s57	24s 7	0s29	18s29	0s59	20n27	0s52	24n12	0n26	20s12	1n17	26s48	16s22	7s 2	7s37	7s 9		n.a.
F 2	9 54	18 43	4 30	7 46	0 25	4 12	0 55	24 10	0 30	18 26	0 59	20 28	0 52	24 12	0 26	20 12	1 17	26 47	16 22	7 1	7 36	7 11		n.a.
S 3	9 33	18 49	4 57	6 48	0 14	3 41	0 53	24 13	0 31	18 22	1 0	20 28	0 52	24 12	0 26	20 12	1 17	26 47	16 22	7 0	7 35	7 13		n.a.
S 4	9 11	17 55	5 10	5 50	0 3	3 9	0 51	24 15	0 32	18 18	1 0	20 29	0 52	24 12	0 26	20 13	1 17	26 46	16 22	6 58	7 33	7 15		n.a.
M 5	8 48	15 59	5 6	4 52	0n 8	2 38	0 49	24 18	0 33	18 14	1 0	20 30	0 52	24 12	0 26	20 13	1 17	26 46	16 22	6 56	7 32	7 16		n.a.
T 6	8 26	13 4	4 44	3 53	0 19	2 6	0 47	24 20	0 35	18 10	1 0	20 30	0 51	24 12	0 26	20 13	1 17	26 45	16 22	6 54	7 31	7 18		n.a.
W 7	8 4	9 17	4 4	2 55	0 31	1 34	0 45	24 22	0 36	18 7	1 0	20 31	0 51	24 12	0 26	20 13	1 17	26 45	16 22	6 52	7 30	7 20		n.a.
T 8	7 41	4 51	3 6	1 58	0 43	1 3	0 43	24 23	0 37	18 3	1 0	20 32	0 51	24 12	0 26	20 13	1 17	26 44	16 22	6 50	7 29	7 22		n.a.
F 9	7 19	0 5	1 56	1 1	0 54	0 31	0 41	24 25	0 39	17 59	1 0	20 32	0 51	24 12	0 26	20 13	1 17	26 44	16 23	6 48	7 27	7 23		n.a.
S 10	6 56	4n43	0 37	0 6	1 6	0n 1	0 38	24 26	0 40	17 55	1 1	20 33	0 51	24 12	0 26	20 13	1 17	26 43	16 23	6 48	7 26	7 25		n.a.
S 11	6 33	9 12	0s44	0n48	1 17	0 32	0 36	24 27	0 41	17 51	1 1	20 34	0 51	24 12	0 26	20 13	1 17	26 43	16 23	6 48	7 25	7 27		n.a.
M12	6 10	13 3	2 1	1 41	1 29	1 4	0 34	24 28	0 42	17 48	1 1	20 35	0 50	24 12	0 26	20 13	1 17	26 42	16 23	6 48	7 24	7 29		n.a.
T 13	5 48	16 1	3 9	2 32	1 39	1 36	0 31	24 28	0 44	17 44	1 1	20 35	0 50	24 12	0 26	20 13	1 17	26 42	16 23	6 49	7 22	7 30		n.a.
W14	5 25	17 58	4 4	3 21	1 50	2 8	0 29	24 29	0 45	17 40	1 1	20 36	0 50	24 12	0 26	20 13	1 17	26 41	16 23	6 49	7 21	7 32		n.a.
T 15	5 1	18 48	4 44	4 7	2 0	2 39	0 27	24 29	0 46	17 36	1 1	20 37	0 50	24 12	0 26	20 12	1 17	26 41	16 23	6 49	7 20	7 34		n.a.
F 16	4 38	18 33	5 7	4 52	2 9	3 11	0 24	24 29	0 48	17 32	1 1	20 38	0 50	24 12	0 26	20 12	1 17	26 40	16 23	6 49	7 19	7 35		n.a.
S 17	4 15	17 18	5 14	5 34	2 18	3 42	0 22	24 28	0 49	17 29	1 2	20 39	0 49	24 12	0 26	20 12	1 17	26 40	16 23	6 48	7 18	7 37		n.a.
S 18	3 52	15 12	5 4	6 13	2 27	4 14	0 19	24 28	0 50	17 25	1 2	20 39	0 49	24 12	0 26	20 12	1 17	26 40	16 23	6 47	7 16	7 39		n.a.
M19	3 29	12 25	4 40	6 50	2 34	4 45	0 17	24 27	0 52	17 21	1 2	20 40	0 49	24 12	0 26	20 12	1 17	26 39	16 24	6 45	7 15	7 41		n.a.
T 20	3 5	9 7	4 3	7 24	2 41	5 17	0 14	24 26	0 53	17 17	1 2	20 41	0 49	24 12	0 26	20 12	1 17	26 39	16 24	6 43	7 14	7 42		n.a.
W21	2 42	5 29	3 15	7 55	2 47	5 48	0 11	24 25	0 55	17 14	1 2	20 42	0 49	24 12	0 26	20 12	1 17	26 38	16 24	6 42	7 13	7 44		n.a.
T 22	2 19	1 39	2 19	8 23	2 52	6 19	0 9	24 23	0 56	17 10	1 2	20 43	0 49	24 12	0 26	20 12	1 17	26 38	16 24	6 41	7 11	7 46		n.a.
F 23	1 55	2s12	1 18	8 48	2 56	6 50	0 6	24 22	0 57	17 6	1 3	20 44	0 48	24 12	0 26	20 12	1 17	26 38	16 24	6 40	7 10	7 48		n.a.
S 24	1 32	5 57	0 13	9 10	2 59	7 20	0 4	24 20	0 59	17 2	1 3	20 45	0 48	24 12	0 26	20 12	1 17	26 37	16 24	6 40	7 9	7 49		n.a.
S 25	1 9	9 26	0n52	9 29	3 1	7 51	0 1	24 18	1 0	16 59	1 3	20 46	0 48	24 12	0 26	20 12	1 17	26 37	16 24	6 40	7 8	7 51		n.a.
M26	0 45	12 33	1 55	9 45	3 2	8 21	0n 2	24 15	1 2	16 55	1 3	20 47	0 48	24 12	0 26	20 12	1 18	26 37	16 25	6 40	7 6	7 53		n.a.
T 27	0 22	15 9	2 53	9 57	3 1	8 51	0 4	24 13	1 3	16 51	1 3	20 48	0 48	24 12	0 26	20 12	1 18	26 36	16 25	6 41	7 5	7 54		n.a.
W28	0n 2	17 8	3 44	10 7	3 0	9 21	0 7	24 10	1 5	16 47	1 3	20 49	0 48	24 12	0 26	20 12	1 18	26 36	16 25	6 42	7 4	7 56		n.a.
T 29	0 25	18 23	4 26	10 13	2 58	9 51	0 10	24 7	1 6	16 44	1 4	20 50	0 47	24 12	0 26	20 11	1 18	26 36	16 25	6 42	7 3	7 58		n.a.
F 30	0 48	18 46	4 57	10 16	2 54	10 21	0 13	24 4	1 7	16 40	1 4	20 51	0 47	24 12	0 26	20 11	1 18	26 35	16 25	6 42	7 2	8 0		n.a.
S 31	1n12	18s14	5n14	10n16	2n49	10n50	0n15	24s 1	1s 9	16s36	1s 4	20n52	0s47	24n12	0n26	20s11	1n18	26s35	16s25	6s42	7s 0	8s 1		n.a.

Julian Day Number = 1484800.5, Delta T = 05h19m40s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'15, Lahiri = -12°54'14 Julian Calendar 1 March 648 BCE == Greg. Calendar 22 Feb. 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

APRIL 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 9 7	3♈56'04	22♉ 3	19♈25	28♈21	16♉ 7	18♒22	6♊14	1♋14	5°R10	0♓48	16°R49	17♎34	21♎ 6	n.a.	S 1
M 2	12 13 4	4°54'00	5♒35	19°R25	29°34	16°49	18°34	6°19	1°15	5♐10	0°50	16♎48	17°30	21°13	n.a.	M 2
T 3	12 17 0	5°51'54	19°33	19°21	0♉47	17°31	18°46	6°24	1°16	5° 9	0°51	16°47	17°27	21°20	n.a.	T 3
W 4	12 20 57	6°49'47	3♓58	19°11	2° 0	18°13	18°58	6°29	1°17	5° 8	0°52	16°46	17°24	21°26	n.a.	W 4
T 5	12 24 53	7°47'39	18°44	18°57	3°12	18°56	19°10	6°34	1°18	5° 8	0°54	16°45	17°21	21°33	n.a.	T 5
F 6	12 28 50	8°45'29	3♈46	18°39	4°25	19°38	19°22	6°39	1°19	5° 7	0°55	16°44	17°18	21°40	n.a.	F 6
S 7	12 32 47	9°43'18	18°56	18°17	5°38	20°20	19°33	6°45	1°20	5° 6	0°56	16°D44	17°14	21°46	n.a.	S 7
S 8	12 36 43	10°41'04	4♉ 3	17°51	6°50	21° 2	19°45	6°50	1°21	5° 6	0°57	16°44	17°11	21°53	n.a.	S 8
M 9	12 40 40	11°38'50	18°59	17°22	8° 3	21°44	19°57	6°56	1°22	5° 5	0°58	16°45	17° 8	21°59	n.a.	M 9
T 10	12 44 36	12°36'34	3♊37	16°51	9°16	22°26	20° 8	7° 1	1°24	5° 4	0°59	16°45	17° 5	22° 6	n.a.	T 10
W11	12 48 33	13°34'16	17°53	16°18	10°28	23° 8	20°19	7° 7	1°25	5° 3	1° 1	16°46	17° 2	22°13	n.a.	W11
T 12	12 52 29	14°31'56	1♋44	15°43	11°41	23°49	20°30	7°12	1°26	5° 2	1° 2	16°46	16°59	22°19	n.a.	T 12
F 13	12 56 26	15°29'34	15°10	15° 8	12°53	24°31	20°42	7°18	1°28	5° 1	1° 3	16°R46	16°55	22°26	n.a.	F 13
S 14	13 0 22	16°27'11	28°13	14°33	14° 5	25°13	20°53	7°24	1°29	5° 1	1° 4	16°D46	16°52	22°33	n.a.	S 14
S 15	13 4 19	17°24'46	10♌56	13°58	15°18	25°54	21° 3	7°30	1°31	5° 0	1° 5	16°46	16°49	22°39	n.a.	S 15
M16	13 8 16	18°22'20	23°22	13°24	16°30	26°36	21°14	7°36	1°32	4°59	1° 6	16°46	16°46	22°46	n.a.	M16
T 17	13 12 12	19°19'52	5♍34	12°52	17°42	27°18	21°25	7°42	1°34	4°58	1° 7	16°46	16°43	22°53	n.a.	T 17
W18	13 16 9	20°17'22	17°36	12°22	18°54	27°59	21°36	7°48	1°36	4°57	1° 8	16°46	16°40	22°59	n.a.	W18
T 19	13 20 5	21°14'51	29°31	11°55	20° 7	28°40	21°46	7°54	1°38	4°56	1° 9	16°47	16°36	23° 6	n.a.	T 19
F 20	13 24 2	22°12'19	11♎21	11°31	21°19	29°22	21°57	8° 0	1°39	4°55	1°10	16°R47	16°33	23°13	n.a.	F 20
S 21	13 27 58	23° 9'45	23° 9	11°10	22°31	0♒ 3	22° 7	8° 7	1°41	4°53	1°11	16°47	16°30	23°19	n.a.	S 21
S 22	13 31 55	24° 7'10	4♏57	10°53	23°43	0°44	22°17	8°13	1°43	4°52	1°12	16°47	16°27	23°26	n.a.	S 22
M23	13 35 51	25° 4'35	16°48	10°41	24°55	1°25	22°27	8°19	1°45	4°51	1°13	16°46	16°24	23°32	n.a.	M23
T 24	13 39 48	26° 1'58	28°43	10°32	26° 7	2° 7	22°37	8°26	1°47	4°50	1°14	16°45	16°20	23°39	n.a.	T 24
W25	13 43 45	26°59'20	10♐46	10°D28	27°18	2°48	22°47	8°32	1°49	4°49	1°15	16°43	16°17	23°46	n.a.	W25
T 26	13 47 41	27°56'42	22°59	10°28	28°30	3°29	22°57	8°39	1°51	4°48	1°16	16°42	16°14	23°52	n.a.	T 26
F 27	13 51 38	28°54'02	5♑25	10°32	29°42	4° 9	23° 6	8°45	1°53	4°47	1°17	16°41	16°11	23°59	n.a.	F 27
S 28	13 55 34	29°51'22	18° 8	10°41	0♊54	4°50	23°16	8°52	1°55	4°45	1°18	16°40	16° 8	24° 6	n.a.	S 28
S 29	13 59 31	0♉48'41	1♒10	10°55	2° 5	5°31	23°25	8°59	1°57	4°44	1°19	16°D40	16° 5	24°12	n.a.	S 29
M30	14 3 27	1♉46'00	14♒35	11♈13	3♊17	6♒12	23♒35	9♊ 5	1♋59	4♐43	1♓20	16♎40	16♎ 1	24♎19	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n35	16s44	5n16	10n12	2n43	11n19	0n18	23s57	1s10	16s33	1s 4	20n53	0s47	24n12	0n26	20s11	1n18	26s35	16s26	6s42	6s59	8s 3		n.a.
M 2	1 58	14 17	5 0	10 6	2 36	11 48	0 21	23 53	1 12	16 29	1 4	20 54	0 47	24 12	0 26	20 11	1 18	26 34	16 26	6 42	6 58	8 5		n.a.
T 3	2 22	10 56	4 27	9 56	2 27	12 16	0 24	23 49	1 13	16 26	1 5	20 55	0 47	24 12	0 26	20 11	1 18	26 34	16 26	6 41	6 57	8 6		n.a.
W 4	2 45	6 51	3 36	9 43	2 17	12 45	0 26	23 45	1 15	16 22	1 5	20 56	0 46	24 12	0 26	20 11	1 18	26 34	16 26	6 41	6 55	8 8		n.a.
T 5	3 8	2 14	2 29	9 28	2 6	13 12	0 29	23 41	1 16	16 18	1 5	20 57	0 46	24 12	0 26	20 11	1 18	26 33	16 27	6 40	6 54	8 10		n.a.
F 6	3 31	2n37	1 11	9 10	1 54	13 40	0 32	23 36	1 18	16 15	1 5	20 58	0 46	24 12	0 26	20 10	1 18	26 33	16 27	6 40	6 53	8 12		n.a.
S 7	3 54	7 20	0s12	8 49	1 41	14 7	0 35	23 31	1 20	16 11	1 5	20 59	0 46	24 12	0 26	20 10	1 18	26 33	16 27	6 40	6 52	8 13		n.a.
S 8	4 17	11 33	1 35	8 26	1 27	14 34	0 37	23 26	1 21	16 8	1 6	21 0	0 46	24 12	0 26	20 10	1 18	26 33	16 27	6 40	6 50	8 15		n.a.
M 9	4 40	14 59	2 50	8 1	1 12	15 1	0 40	23 21	1 23	16 4	1 6	21 1	0 46	24 12	0 26	20 10	1 18	26 32	16 27	6 40	6 49	8 17		n.a.
T 10	5 3	17 22	3 52	7 35	0 57	15 27	0 43	23 16	1 24	16 1	1 6	21 2	0 45	24 11	0 26	20 10	1 18	26 32	16 28	6 40	6 48	8 18		n.a.
W11	5 26	18 35	4 39	7 7	0 40	15 53	0 45	23 10	1 26	15 57	1 6	21 3	0 45	24 11	0 26	20 10	1 18	26 32	16 28	6 40	6 47	8 20		n.a.
T 12	5 48	18 38	5 7	6 38	0 24	16 18	0 48	23 4	1 27	15 54	1 6	21 4	0 45	24 11	0 26	20 9	1 18	26 32	16 28	6 41	6 46	8 22		n.a.
F 13	6 11	17 38	5 18	6 9	0 7	16 43	0 51	22 58	1 29	15 51	1 7	21 6	0 45	24 11	0 26	20 9	1 18	26 32	16 28	6 41	6 44	8 23		n.a.
S 14	6 33	15 43	5 12	5 39	0s10	17 8	0 53	22 52	1 30	15 47	1 7	21 7	0 45	24 11	0 26	20 9	1 18	26 31	16 29	6 41	6 43	8 25		n.a.
S 15	6 56	13 5	4 50	5 10	0 27	17 32	0 56	22 46	1 32	15 44	1 7	21 8	0 45	24 11	0 26	20 9	1 18	26 31	16 29	6 41	6 42	8 27		n.a.
M16	7 18	9 54	4 16	4 41	0 44	17 56	0 58	22 39	1 34	15 41	1 7	21 9	0 45	24 11	0 26	20 9	1 18	26 31	16 29	6 41	6 41	8 28		n.a.
T 17	7 40	6 21	3 30	4 13	1 1	18 19	1 1	22 33	1 35	15 37	1 7	21 10	0 44	24 11	0 26	20 8	1 18	26 31	16 29	6 41	6 39	8 30		n.a.
W18	8 2	2 35	2 35	3 47	1 17	18 42	1 4	22 26	1 37	15 34	1 8	21 11	0 44	24 11	0 26	20 8	1 18	26 31	16 30	6 41	6 38	8 32		n.a.
T 19	8 24	1s15	1 35	3 22	1 32	19 5	1 6	22 19	1 38	15 31	1 8	21 12	0 44	24 11	0 26	20 8	1 18	26 31	16 30	6 41	6 37	8 33		n.a.
F 20	8 46	5 1	0 30	2 58	1 47	19 26	1 9	22 12	1 40	15 28	1 8	21 13	0 44	24 11	0 26	20 8	1 18	26 31	16 30	6 41	6 36	8 35		n.a.
S 21	9 7	8 34	0n35	2 37	2 1	19 48	1 11	22 5	1 42	15 24	1 8	21 15	0 44	24 11	0 26	20 8	1 18	26 30	16 31	6 41	6 34	8 37		n.a.
S 22	9 29	11 48	1 39	2 19	2 14	20 9	1 13	21 57	1 43	15 21	1 9	21 16	0 44	24 11	0 26	20 7	1 18	26 30	16 31	6 41	6 33	8 38		n.a.
M23	9 50	14 33	2 39	2 2	2 26	20 29	1 16	21 49	1 45	15 18	1 9	21 17	0 44	24 11	0 26	20 7	1 18	26 30	16 31	6 41	6 32	8 40		n.a.
T 24	10 11	16 42	3 32	1 49	2 38	20 49	1 18	21 42	1 47	15 15	1 9	21 18	0 43	24 11	0 26	20 7	1 18	26 30	16 31	6 40	6 31	8 42		n.a.
W25	10 32	18 8	4 17	1 38	2 48	21 8	1 20	21 34	1 48	15 12	1 9	21 19	0 43	24 11	0 25	20 7	1 18	26 30	16 32	6 40	6 29	8 43		n.a.
T 26	10 53	18 45	4 50	1 29	2 57	21 27	1 23	21 26	1 50	15 9	1 10	21 20	0 43	24 11	0 25	20 6	1 18	26 30	16 32	6 39	6 28	8 45		n.a.
F 27	11 14	18 29	5 11	1 24	3 5	21 45	1 25	21 17	1 52	15 6	1 10	21 22	0 43	24 11	0 25	20 6	1 18	26 30	16 32	6 39	6 27	8 47		n.a.
S 28	11 35	17 17	5 17	1 21	3 12	22 2	1 27	21 9	1 53	15 3	1 10	21 23	0 43	24 11	0 25	20 6	1 18	26 30	16 33	6 38	6 26	8 48		n.a.
S 29	11 55	15 11	5 7	1 21	3 18	22 19	1 29	21 1	1 55	15 0	1 10	21 24	0 43	24 11	0 25	20 6	1 18	26 30	16 33	6 38	6 25	8 50		n.a.
M30	12n15	12s13	4n40	1n24	3s23	22n36	1n31	20s52	1s57	14s57	1s11	21n25	0s43	24n11	0n25	20s 5	1n18	26s30	16s33	6s38	6s23	8s52		n.a.

Julian Day Number = 1484831.5, Delta T = 05h19m38s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'10, Lahiri = -12°54'10 Julian Calendar 1 Apr. 648 BCE == Greg. Calendar 25 March 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

MAY 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 7 24	2♉43'18	28♒23	11♈36	4♊29	6♒52	23♒44	9♊12	2♋ 2	4°R41	1♓20	16♎41	15♎58	24♎26	n.a.	T 1
W 2	14 11 20	3°40'35	12♓37	12° 2	5°40	7°33	23°53	9°19	2° 4	4♐40	1°21	16°42	15°55	24°32	n.a.	W 2
T 3	14 15 17	4°37'51	27°13	12°33	6°52	8°13	24° 2	9°26	2° 6	4°39	1°22	16°43	15°52	24°39	n.a.	T 3
F 4	14 19 14	5°35'07	12♈ 8	13° 9	8° 3	8°53	24°11	9°33	2° 9	4°37	1°23	16°R44	15°49	24°46	n.a.	F 4
S 5	14 23 10	6°32'23	27°14	13°48	9°14	9°33	24°19	9°40	2°11	4°36	1°24	16°43	15°45	24°52	n.a.	S 5
S 6	14 27 7	7°29'38	12♉24	14°31	10°26	10°13	24°28	9°47	2°14	4°35	1°24	16°42	15°42	24°59	n.a.	S 6
M 7	14 31 3	8°26'52	27°28	15°19	11°37	10°53	24°36	9°54	2°16	4°33	1°25	16°40	15°39	25° 6	n.a.	M 7
T 8	14 35 0	9°24'05	12♊17	16°10	12°48	11°33	24°45	10° 1	2°19	4°32	1°26	16°37	15°36	25°12	n.a.	T 8
W 9	14 38 56	10°21'17	26°44	17° 5	13°59	12°13	24°53	10° 8	2°21	4°30	1°26	16°34	15°33	25°19	n.a.	W 9
T 10	14 42 53	11°18'29	10♋45	18° 3	15°10	12°52	25° 1	10°15	2°24	4°29	1°27	16°31	15°30	25°25	n.a.	T 10
F 11	14 46 49	12°15'40	24°17	19° 5	16°21	13°32	25° 8	10°22	2°26	4°28	1°28	16°29	15°26	25°32	n.a.	F 11
S 12	14 50 46	13°12'50	7♌24	20°11	17°32	14°11	25°16	10°30	2°29	4°26	1°28	16°D28	15°23	25°39	n.a.	S 12
S 13	14 54 43	14° 9'59	20° 6	21°20	18°43	14°50	25°24	10°37	2°32	4°25	1°29	16°28	15°20	25°45	n.a.	S 13
M14	14 58 39	15° 7'07	2♍28	22°32	19°54	15°30	25°31	10°44	2°35	4°23	1°29	16°29	15°17	25°52	n.a.	M14
T 15	15 2 36	16° 4'15	14°35	23°48	21° 5	16° 8	25°38	10°51	2°37	4°22	1°30	16°31	15°14	25°59	n.a.	T 15
W16	15 6 32	17° 1'21	26°32	25° 7	22°15	16°47	25°46	10°59	2°40	4°20	1°30	16°32	15°11	26° 5	n.a.	W16
T 17	15 10 29	17°58'28	8♎21	26°29	23°26	17°26	25°53	11° 6	2°43	4°19	1°31	16°34	15° 7	26°12	n.a.	T 17
F 18	15 14 25	18°55'34	20° 9	27°55	24°37	18° 5	25°59	11°14	2°46	4°17	1°31	16°R34	15° 4	26°19	n.a.	F 18
S 19	15 18 22	19°52'39	1♏57	29°24	25°47	18°43	26° 6	11°21	2°49	4°15	1°32	16°33	15° 1	26°25	n.a.	S 19
S 20	15 22 18	20°49'44	13°48	0♉56	26°58	19°21	26°13	11°29	2°52	4°14	1°32	16°30	14°58	26°32	n.a.	S 20
M21	15 26 15	21°46'49	25°45	2°31	28° 8	19°59	26°19	11°36	2°55	4°12	1°33	16°26	14°55	26°39	n.a.	M21
T 22	15 30 12	22°43'53	7♐50	4° 9	29°18	20°37	26°25	11°44	2°58	4°11	1°33	16°20	14°51	26°45	n.a.	T 22
W23	15 34 8	23°40'58	20° 4	5°51	0♋28	21°15	26°31	11°51	3° 1	4° 9	1°34	16°14	14°48	26°52	n.a.	W23
T 24	15 38 5	24°38'02	2♑28	7°35	1°39	21°53	26°37	11°59	3° 4	4° 8	1°34	16° 7	14°45	26°59	n.a.	T 24
F 25	15 42 1	25°35'07	15° 5	9°22	2°49	22°30	26°43	12° 6	3° 7	4° 6	1°34	16° 1	14°42	27° 5	n.a.	F 25
S 26	15 45 58	26°32'12	27°55	11°12	3°59	23° 8	26°49	12°14	3°10	4° 4	1°35	15°57	14°39	27°12	n.a.	S 26
S 27	15 49 54	27°29'17	11♒ 0	13° 5	5° 8	23°45	26°54	12°21	3°13	4° 3	1°35	15°54	14°36	27°18	n.a.	S 27
M28	15 53 51	28°26'22	24°23	15° 1	6°18	24°22	26°59	12°29	3°16	4° 1	1°35	15°D52	14°32	27°25	n.a.	M28
T 29	15 57 48	29°23'27	8♓ 4	16°59	7°28	24°59	27° 4	12°37	3°20	4° 0	1°35	15°52	14°29	27°32	n.a.	T 29
W30	16 1 44	0♊20'33	22° 6	18°59	8°38	25°35	27° 9	12°44	3°23	3°58	1°36	15°54	14°26	27°38	n.a.	W30
T 31	16 5 41	1♊17'39	6♈26	21♉ 1	9♋47	26♒12	27♒14	12♊52	3♋26	3♐56	1♓36	15♎55	14♎23	27♎45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	12n35	8s30	3n57	1n29	3s27	22n51	1n33	20s43	1s58	14s54	1s11	21n26	0s42	24n11	0n25	20s 5	1n18	26s30	16s34	6s39	6s22	8s53			n.a.
W 2	12 55	4 11	2 58	1 37	3 29	23 6	1 35	20 34	2 0	14 52	1 11	21 27	0 42	24 11	0 25	20 5	1 18	26 30	16 34	6 39	6 21	8 55			n.a.
T 3	13 15	0n30	1 46	1 47	3 31	23 21	1 37	20 25	2 2	14 49	1 11	21 29	0 42	24 11	0 25	20 5	1 18	26 30	16 34	6 39	6 20	8 57			n.a.
F 4	13 34	5 15	0 25	2 0	3 32	23 35	1 39	20 16	2 4	14 46	1 12	21 30	0 42	24 11	0 25	20 4	1 18	26 30	16 35	6 40	6 18	8 58			n.a.
S 5	13 53	9 44	0s58	2 16	3 32	23 48	1 41	20 7	2 5	14 44	1 12	21 31	0 42	24 11	0 25	20 4	1 18	26 30	16 35	6 40	6 17	9 0			n.a.
S 6	14 12	13 36	2 17	2 33	3 32	24 1	1 42	19 58	2 7	14 41	1 12	21 32	0 42	24 10	0 25	20 4	1 18	26 30	16 35	6 39	6 16	9 2			n.a.
M 7	14 31	16 31	3 26	2 53	3 30	24 12	1 44	19 48	2 9	14 38	1 12	21 33	0 42	24 10	0 25	20 4	1 18	26 30	16 36	6 38	6 15	9 3			n.a.
T 8	14 49	18 17	4 20	3 15	3 28	24 24	1 46	19 39	2 10	14 36	1 13	21 34	0 42	24 10	0 25	20 3	1 18	26 30	16 36	6 37	6 13	9 5			n.a.
W 9	15 8	18 47	4 56	3 39	3 24	24 34	1 47	19 29	2 12	14 33	1 13	21 36	0 41	24 10	0 25	20 3	1 18	26 30	16 36	6 36	6 12	9 7			n.a.
T 10	15 26	18 7	5 13	4 6	3 20	24 44	1 49	19 19	2 14	14 31	1 13	21 37	0 41	24 10	0 25	20 3	1 18	26 30	16 37	6 35	6 11	9 8			n.a.
F 11	15 44	16 26	5 12	4 34	3 16	24 53	1 50	19 9	2 16	14 28	1 14	21 38	0 41	24 10	0 25	20 3	1 18	26 30	16 37	6 34	6 10	9 10			n.a.
S 12	16 1	13 56	4 54	5 4	3 10	25 2	1 51	18 59	2 17	14 26	1 14	21 39	0 41	24 10	0 25	20 2	1 18	26 30	16 37	6 34	6 8	9 12			n.a.
S 13	16 19	10 50	4 22	5 35	3 4	25 9	1 53	18 49	2 19	14 24	1 14	21 40	0 41	24 10	0 25	20 2	1 19	26 30	16 38	6 34	6 7	9 13			n.a.
M14	16 36	7 20	3 39	6 9	2 58	25 16	1 54	18 39	2 21	14 21	1 14	21 42	0 41	24 10	0 25	20 2	1 19	26 31	16 38	6 34	6 6	9 15			n.a.
T 15	16 53	3 35	2 47	6 44	2 50	25 23	1 55	18 29	2 23	14 19	1 15	21 43	0 41	24 10	0 25	20 1	1 19	26 31	16 38	6 35	6 5	9 16			n.a.
W16	17 9	0s15	1 48	7 20	2 42	25 28	1 56	18 19	2 24	14 17	1 15	21 44	0 41	24 10	0 25	20 1	1 19	26 31	16 39	6 35	6 3	9 18			n.a.
T 17	17 25	4 3	0 45	7 58	2 34	25 33	1 57	18 8	2 26	14 15	1 15	21 45	0 40	24 10	0 25	20 1	1 19	26 31	16 39	6 36	6 2	9 20			n.a.
F 18	17 41	7 41	0n20	8 37	2 25	25 37	1 58	17 58	2 28	14 13	1 16	21 46	0 40	24 10	0 25	20 1	1 19	26 31	16 40	6 36	6 1	9 21			n.a.
S 19	17 57	11 1	1 23	9 18	2 16	25 41	1 59	17 47	2 30	14 11	1 16	21 47	0 40	24 10	0 25	20 0	1 19	26 31	16 40	6 35	6 0	9 23			n.a.
S 20	18 13	13 55	2 23	10 0	2 6	25 43	1 59	17 37	2 32	14 9	1 16	21 48	0 40	24 10	0 25	20 0	1 19	26 31	16 40	6 34	5 58	9 25			n.a.
M21	18 28	16 16	3 18	10 42	1 56	25 45	2 0	17 26	2 33	14 7	1 17	21 50	0 40	24 10	0 25	20 0	1 19	26 32	16 41	6 33	5 57	9 26			n.a.
T 22	18 43	17 55	4 4	11 26	1 45	25 47	2 1	17 16	2 35	14 5	1 17	21 51	0 40	24 9	0 25	19 59	1 19	26 32	16 41	6 31	5 56	9 28			n.a.
W23	18 57	18 45	4 39	12 10	1 34	25 47	2 1	17 5	2 37	14 3	1 17	21 52	0 40	24 9	0 25	19 59	1 19	26 32	16 41	6 28	5 55	9 29			n.a.
T 24	19 11	18 43	5 2	12 55	1 23	25 47	2 1	16 54	2 39	14 1	1 17	21 53	0 40	24 9	0 25	19 59	1 19	26 32	16 42	6 26	5 53	9 31			n.a.
F 25	19 25	17 46	5 10	13 41	1 12	25 46	2 2	16 44	2 41	14 0	1 18	21 54	0 40	24 9	0 25	19 58	1 19	26 32	16 42	6 23	5 52	9 33			n.a.
S 26	19 39	15 54	5 4	14 26	1 1	25 44	2 2	16 33	2 42	13 58	1 18	21 55	0 39	24 9	0 25	19 58	1 19	26 33	16 42	6 21	5 51	9 34			n.a.
S 27	19 52	13 12	4 41	15 12	0 49	25 42	2 2	16 22	2 44	13 56	1 18	21 56	0 39	24 9	0 25	19 58	1 19	26 33	16 43	6 20	5 50	9 36			n.a.
M28	20 5	9 45	4 3	15 58	0 37	25 39	2 2	16 11	2 46	13 55	1 19	21 57	0 39	24 9	0 25	19 58	1 19	26 33	16 43	6 20	5 48	9 38			n.a.
T 29	20 18	5 43	3 11	16 44	0 26	25 35	2 2	16 0	2 48	13 53	1 19	21 59	0 39	24 9	0 25	19 57	1 19	26 33	16 44	6 20	5 47	9 39			n.a.
W30	20 30	1 16	2 6	17 29	0 14	25 31	2 2	15 49	2 50	13 52	1 19	22 0	0 39	24 9	0 25	19 57	1 18	26 34	16 44	6 20	5 46	9 41			n.a.
T 31	20n42	3n22	0n51	18n13	0s 3	25n25	2n 1	15s38	2s51	13s51	1s20	22n 1	0s39	24n 9	0n25	19s57	1n18	26s34	16s44	6s21	5s45	9s42			n.a.

Julian Day Number = 1484861.5, Delta T = 05h19m37s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'06, Lahiri = -12°54'06 Julian Calendar 1 May 648 BCE == Greg. Calendar 24 Apr. 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

JUNE 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 9 37	2♊14'45	21♈ 5	23♉ 6	10♋57	26♒48	27♒19	13♊ 0	3♋29	3°R55	1♓36	15°R55	14♎20	27♎52	n.a.	F 1
S 2	16 13 34	3°11'52	5♉56	25°11	12° 6	27°24	27°23	13° 8	3°33	3♐53	1°36	15♎53	14°17	27°58	n.a.	S 2
S 3	16 17 30	4° 9'00	20°54	27°18	13°15	28° 0	27°27	13°15	3°36	3°52	1°36	15°50	14°13	28° 5	n.a.	S 3
M 4	16 21 27	5° 6'07	5♊50	29°26	14°25	28°35	27°31	13°23	3°39	3°50	1°36	15°44	14°10	28°12	n.a.	M 4
T 5	16 25 23	6° 3'15	20°36	1♊35	15°34	29°11	27°35	13°31	3°43	3°48	1°36	15°37	14° 7	28°18	n.a.	T 5
W 6	16 29 20	7° 0'24	5♋ 4	3°44	16°43	29°46	27°39	13°39	3°46	3°47	1°36	15°29	14° 4	28°25	n.a.	W 6
T 7	16 33 17	7°57'32	19° 8	5°54	17°52	0♓21	27°42	13°46	3°50	3°45	1°37	15°21	14° 1	28°32	n.a.	T 7
F 8	16 37 13	8°54'40	2♌45	8° 3	19° 1	0°55	27°46	13°54	3°53	3°43	1°37	15°15	13°57	28°38	n.a.	F 8
S 9	16 41 10	9°51'49	15°55	10°12	20°10	1°30	27°49	14° 2	3°56	3°42	1°R37	15°10	13°54	28°45	n.a.	S 9
S 10	16 45 6	10°48'58	28°40	12°20	21°18	2° 4	27°52	14°10	4° 0	3°40	1°37	15° 8	13°51	28°52	n.a.	S 10
M11	16 49 3	11°46'07	11♍ 3	14°28	22°27	2°38	27°54	14°18	4° 3	3°39	1°36	15°D 7	13°48	28°58	n.a.	M11
T 12	16 52 59	12°43'16	23° 9	16°34	23°35	3°11	27°57	14°25	4° 7	3°37	1°36	15° 7	13°45	29° 5	n.a.	T 12
W13	16 56 56	13°40'25	5♎ 4	18°39	24°44	3°44	27°59	14°33	4°10	3°35	1°36	15° 8	13°42	29°12	n.a.	W13
T 14	17 0 52	14°37'35	16°53	20°43	25°52	4°18	28° 2	14°41	4°14	3°34	1°36	15°R 8	13°38	29°18	n.a.	T 14
F 15	17 4 49	15°34'45	28°40	22°46	27° 0	4°50	28° 4	14°49	4°18	3°32	1°36	15° 7	13°35	29°25	n.a.	F 15
S 16	17 8 46	16°31'56	10♏31	24°47	28° 8	5°23	28° 5	14°57	4°21	3°31	1°36	15° 4	13°32	29°32	n.a.	S 16
S 17	17 12 42	17°29'07	22°27	26°46	29°16	5°55	28° 7	15° 4	4°25	3°29	1°36	14°59	13°29	29°38	n.a.	S 17
M18	17 16 39	18°26'18	4♐34	28°44	0♌23	6°27	28° 9	15°12	4°28	3°28	1°36	14°51	13°26	29°45	n.a.	M18
T 19	17 20 35	19°23'31	16°51	0♋40	1°31	6°59	28°10	15°20	4°32	3°26	1°35	14°41	13°23	29°51	n.a.	T 19
W20	17 24 32	20°20'44	29°20	2°35	2°38	7°30	28°11	15°28	4°35	3°25	1°35	14°30	13°19	29°58	n.a.	W20
T 21	17 28 28	21°17'58	12♑ 1	4°28	3°46	8° 1	28°12	15°36	4°39	3°23	1°35	14°19	13°16	0♏ 5	n.a.	T 21
F 22	17 32 25	22°15'13	24°55	6°19	4°53	8°32	28°12	15°43	4°43	3°21	1°35	14° 8	13°13	0°11	n.a.	F 22
S 23	17 36 21	23°12'29	8♒ 1	8° 8	6° 0	9° 2	28°13	15°51	4°46	3°20	1°34	13°59	13°10	0°18	n.a.	S 23
S 24	17 40 18	24° 9'46	21°18	9°56	7° 7	9°32	28°13	15°59	4°50	3°19	1°34	13°53	13° 7	0°25	n.a.	S 24
M25	17 44 15	25° 7'04	4♓48	11°42	8°14	10° 2	28°R13	16° 7	4°54	3°17	1°34	13°49	13° 3	0°31	n.a.	M25
T 26	17 48 11	26° 4'23	18°30	13°27	9°20	10°31	28°13	16°14	4°57	3°16	1°33	13°48	13° 0	0°38	n.a.	T 26
W27	17 52 8	27° 1'44	2♈26	15° 9	10°27	11° 0	28°13	16°22	5° 1	3°14	1°33	13°D47	12°57	0°45	n.a.	W27
T 28	17 56 4	27°59'06	16°34	16°50	11°33	11°28	28°12	16°30	5° 5	3°13	1°32	13°R48	12°54	0°51	n.a.	T 28
F 29	18 0 1	28°56'29	0♉54	18°30	12°39	11°57	28°12	16°37	5° 8	3°11	1°32	13°47	12°51	0°58	n.a.	F 29
S 30	18 3 57	29♊53'53	15♉25	20♋ 8	13♌45	12♓24	28♒11	16♊45	5♋12	3♐10	1♓32	13♎44	12♎48	1♏ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n54	7n54	0s28	18n56	0n 8	25n19	2n 1	15s28	2s53	13s49	1s20	22n 2	0s39	24n 9	0n25	19s56	1n18	26s34	16s45	6s21	5s43	9s44		n.a.
S 2	21 5	12 1	1 46	19 38	0 19	25 13	2 1	15 17	2 55	13 48	1 20	22 3	0 39	24 9	0 25	19 56	1 18	26 34	16 45	6 20	5 42	9 46		n.a.
S 3	21 16	15 23	2 57	20 18	0 29	25 5	2 0	15 6	2 57	13 47	1 21	22 4	0 39	24 8	0 25	19 56	1 18	26 35	16 45	6 19	5 41	9 47		n.a.
M 4	21 27	17 42	3 56	20 57	0 39	24 57	1 59	14 55	2 59	13 46	1 21	22 5	0 39	24 8	0 25	19 55	1 18	26 35	16 46	6 17	5 40	9 49		n.a.
T 5	21 37	18 48	4 39	21 33	0 49	24 49	1 58	14 44	3 1	13 45	1 21	22 6	0 39	24 8	0 25	19 55	1 18	26 35	16 46	6 14	5 39	9 50		n.a.
W 6	21 47	18 38	5 2	22 8	0 57	24 39	1 58	14 33	3 2	13 44	1 22	22 7	0 38	24 8	0 25	19 55	1 18	26 36	16 47	6 11	5 37	9 52		n.a.
T 7	21 56	17 20	5 6	22 40	1 6	24 29	1 57	14 22	3 4	13 43	1 22	22 8	0 38	24 8	0 25	19 55	1 18	26 36	16 47	6 8	5 36	9 54		n.a.
F 8	22 5	15 4	4 53	23 10	1 13	24 18	1 56	14 11	3 6	13 42	1 22	22 9	0 38	24 8	0 25	19 54	1 18	26 36	16 47	6 5	5 35	9 55		n.a.
S 9	22 14	12 5	4 24	23 37	1 20	24 7	1 54	14 1	3 8	13 41	1 23	22 10	0 38	24 8	0 25	19 54	1 18	26 37	16 48	6 3	5 34	9 57		n.a.
S 10	22 23	8 37	3 43	24 1	1 27	23 55	1 53	13 50	3 10	13 41	1 23	22 11	0 38	24 8	0 25	19 54	1 18	26 37	16 48	6 2	5 32	9 58		n.a.
M11	22 31	4 52	2 53	24 23	1 32	23 42	1 52	13 39	3 12	13 40	1 23	22 12	0 38	24 8	0 25	19 53	1 18	26 37	16 48	6 2	5 31	10 0		n.a.
T 12	22 38	1 0	1 55	24 42	1 37	23 29	1 50	13 28	3 13	13 39	1 24	22 13	0 38	24 8	0 25	19 53	1 18	26 38	16 49	6 2	5 30	10 1		n.a.
W13	22 45	2s52	0 54	24 58	1 42	23 15	1 49	13 18	3 15	13 39	1 24	22 14	0 38	24 7	0 25	19 53	1 18	26 38	16 49	6 2	5 29	10 3		n.a.
T 14	22 52	6 35	0n 9	25 11	1 45	23 1	1 47	13 7	3 17	13 38	1 24	22 15	0 38	24 7	0 25	19 53	1 18	26 38	16 50	6 3	5 27	10 5		n.a.
F 15	22 59	10 2	1 12	25 22	1 48	22 46	1 45	12 57	3 19	13 38	1 25	22 16	0 38	24 7	0 25	19 52	1 18	26 39	16 50	6 2	5 26	10 6		n.a.
S 16	23 5	13 6	2 11	25 30	1 50	22 30	1 43	12 46	3 21	13 38	1 25	22 17	0 38	24 7	0 25	19 52	1 18	26 39	16 50	6 1	5 25	10 8		n.a.
S 17	23 10	15 39	3 6	25 35	1 51	22 14	1 41	12 36	3 23	13 37	1 25	22 18	0 37	24 7	0 25	19 52	1 18	26 40	16 51	5 59	5 24	10 9		n.a.
M18	23 16	17 33	3 52	25 38	1 52	21 57	1 39	12 26	3 25	13 37	1 26	22 19	0 37	24 7	0 25	19 51	1 18	26 40	16 51	5 56	5 22	10 11		n.a.
T 19	23 20	18 40	4 28	25 38	1 52	21 40	1 37	12 15	3 26	13 37	1 26	22 20	0 37	24 7	0 25	19 51	1 18	26 40	16 51	5 52	5 21	10 13		n.a.
W20	23 25	18 54	4 52	25 36	1 52	21 22	1 34	12 5	3 28	13 37	1 26	22 21	0 37	24 7	0 25	19 51	1 18	26 41	16 52	5 48	5 20	10 14		n.a.
T 21	23 29	18 12	5 3	25 32	1 51	21 4	1 32	11 55	3 30	13 37	1 27	22 22	0 37	24 6	0 25	19 51	1 18	26 41	16 52	5 43	5 19	10 16		n.a.
F 22	23 32	16 34	4 58	25 26	1 49	20 45	1 29	11 45	3 32	13 37	1 27	22 23	0 37	24 6	0 25	19 50	1 18	26 42	16 52	5 39	5 17	10 17		n.a.
S 23	23 36	14 3	4 37	25 18	1 47	20 26	1 27	11 35	3 34	13 37	1 27	22 24	0 37	24 6	0 25	19 50	1 18	26 42	16 53	5 35	5 16	10 19		n.a.
S 24	23 38	10 47	4 1	25 7	1 44	20 6	1 24	11 25	3 36	13 37	1 28	22 25	0 37	24 6	0 25	19 50	1 18	26 43	16 53	5 33	5 15	10 20		n.a.
M25	23 41	6 55	3 12	24 55	1 41	19 46	1 21	11 15	3 37	13 38	1 28	22 26	0 37	24 6	0 25	19 50	1 18	26 43	16 54	5 31	5 13	10 22		n.a.
T 26	23 43	2 37	2 10	24 41	1 37	19 25	1 18	11 6	3 39	13 38	1 28	22 26	0 37	24 6	0 25	19 49	1 18	26 44	16 54	5 31	5 12	10 23		n.a.
W27	23 44	1n54	1 0	24 26	1 33	19 4	1 15	10 56	3 41	13 38	1 29	22 27	0 37	24 6	0 25	19 49	1 18	26 44	16 54	5 31	5 11	10 25		n.a.
T 28	23 45	6 22	0s15	24 9	1 28	18 42	1 11	10 47	3 43	13 39	1 29	22 28	0 37	24 6	0 25	19 49	1 18	26 44	16 55	5 31	5 10	10 27		n.a.
F 29	23 46	10 33	1 30	23 51	1 23	18 20	1 8	10 38	3 45	13 40	1 29	22 29	0 36	24 5	0 25	19 49	1 18	26 45	16 55	5 31	5 8	10 28		n.a.
S 30	23n46	14n 9	2s39	23n31	1n17	17n57	1n 5	10s29	3s47	13s40	1s30	22n30	0s36	24n 5	0n25	19s48	1n18	26s45	16s55	5s29	5s 7	10s30		n.a.

Julian Day Number = 1484892.5, Delta T = 05h19m35s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°01'02, Lahiri = -12°54'02 Julian Calendar 1 June 648 BCE == Greg. Calendar 25 May 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

JULY 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 7 54	0♋51'19	0♊ 1	21♋44	14♌51	12♓52	28°R10	16♊53	5♋16	3°R 8	1°R31	13°R38	12♎44	1♏11	n.a.	S 1
M 2	18 11 51	1°48'47	14°38	23°18	15°57	13°19	28♒ 8	17° 0	5°20	3♐ 7	1♓31	13♎30	12°41	1°18	n.a.	M 2
T 3	18 15 47	2°46'15	29° 7	24°51	17° 2	13°45	28° 7	17° 8	5°23	3° 6	1°30	13°20	12°38	1°25	n.a.	T 3
W 4	18 19 44	3°43'45	13♋23	26°22	18° 8	14°11	28° 5	17°16	5°27	3° 4	1°30	13° 8	12°35	1°31	n.a.	W 4
T 5	18 23 40	4°41'16	27°20	27°51	19°13	14°37	28° 3	17°23	5°31	3° 3	1°29	12°57	12°32	1°38	n.a.	T 5
F 6	18 27 37	5°38'48	10♌53	29°19	20°18	15° 2	28° 1	17°31	5°34	3° 2	1°28	12°47	12°29	1°45	n.a.	F 6
S 7	18 31 33	6°36'22	24° 1	0♌45	21°23	15°26	27°59	17°38	5°38	3° 0	1°28	12°39	12°25	1°51	n.a.	S 7
S 8	18 35 30	7°33'56	6♍46	2° 9	22°27	15°50	27°56	17°46	5°42	2°59	1°27	12°34	12°22	1°58	n.a.	S 8
M 9	18 39 26	8°31'31	19° 9	3°32	23°31	16°14	27°54	17°53	5°46	2°58	1°27	12°31	12°19	2° 5	n.a.	M 9
T 10	18 43 23	9°29'07	1♎16	4°52	24°36	16°37	27°51	18° 1	5°49	2°57	1°26	12°30	12°16	2°11	n.a.	T 10
W11	18 47 20	10°26'45	13°12	6°11	25°40	17° 0	27°48	18° 8	5°53	2°56	1°25	12°30	12°13	2°18	n.a.	W11
T 12	18 51 16	11°24'23	25° 1	7°28	26°43	17°22	27°45	18°16	5°57	2°54	1°25	12°30	12° 9	2°24	n.a.	T 12
F 13	18 55 13	12°22'03	6♏50	8°43	27°47	17°43	27°41	18°23	6° 0	2°53	1°24	12°28	12° 6	2°31	n.a.	F 13
S 14	18 59 9	13°19'44	18°43	9°56	28°50	18° 4	27°38	18°30	6° 4	2°52	1°23	12°24	12° 3	2°38	n.a.	S 14
S 15	19 3 6	14°17'27	0♐45	11° 7	29°53	18°25	27°34	18°38	6° 8	2°51	1°22	12°18	12° 0	2°44	n.a.	S 15
M16	19 7 2	15°15'11	13° 0	12°16	0♏55	18°45	27°30	18°45	6°11	2°50	1°22	12° 9	11°57	2°51	n.a.	M16
T 17	19 10 59	16°12'56	25°29	13°22	1°58	19° 4	27°26	18°52	6°15	2°49	1°21	11°58	11°54	2°58	n.a.	T 17
W18	19 14 55	17°10'42	8♑14	14°26	3° 0	19°23	27°21	19° 0	6°19	2°48	1°20	11°46	11°50	3° 4	n.a.	W18
T 19	19 18 52	18° 8'31	21°15	15°28	4° 2	19°41	27°17	19° 7	6°22	2°47	1°19	11°33	11°47	3°11	n.a.	T 19
F 20	19 22 49	19° 6'20	4♒30	16°27	5° 3	19°58	27°12	19°14	6°26	2°46	1°19	11°21	11°44	3°18	n.a.	F 20
S 21	19 26 45	20° 4'12	17°58	17°23	6° 5	20°15	27° 8	19°21	6°30	2°45	1°18	11°11	11°41	3°24	n.a.	S 21
S 22	19 30 42	21° 2'05	1♓37	18°16	7° 6	20°31	27° 3	19°28	6°33	2°44	1°17	11° 4	11°38	3°31	n.a.	S 22
M23	19 34 38	22° 0'00	15°24	19° 7	8° 6	20°47	26°57	19°35	6°37	2°43	1°16	11° 0	11°34	3°38	n.a.	M23
T 24	19 38 35	22°57'57	29°18	19°54	9° 7	21° 2	26°52	19°42	6°41	2°42	1°15	10°58	11°31	3°44	n.a.	T 24
W25	19 42 31	23°55'56	13♈18	20°37	10° 7	21°16	26°47	19°49	6°44	2°41	1°14	10°D57	11°28	3°51	n.a.	W25
T 26	19 46 28	24°53'57	27°22	21°17	11° 6	21°29	26°41	19°56	6°48	2°40	1°13	10°R57	11°25	3°58	n.a.	T 26
F 27	19 50 24	25°52'00	11♉32	21°53	12° 6	21°42	26°35	20° 3	6°51	2°39	1°12	10°57	11°22	4° 4	n.a.	F 27
S 28	19 54 21	26°50'06	25°44	22°25	13° 5	21°54	26°29	20°10	6°55	2°39	1°11	10°54	11°19	4°11	n.a.	S 28
S 29	19 58 18	27°48'13	9♊58	22°53	14° 3	22° 5	26°23	20°16	6°58	2°38	1°11	10°49	11°15	4°18	n.a.	S 29
M30	20 2 14	28°46'23	24° 9	23°16	15° 1	22°16	26°17	20°23	7° 2	2°37	1°10	10°41	11°12	4°24	n.a.	M30
T 31	20 6 11	29♋44'34	8♋13	23♌34	15♍59	22♓25	26♒11	20♊30	7♋ 5	2♐36	1♓ 9	10♎31	11♎ 9	4♏31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n46	16n52	3s39	23n10	1n12	17n34	1n 1	10s20	3s48	13s41	1s30	22n31	0s36	24n 5	0n25	19s48	1n18	26s46	16s56	5s27	5s 6	10s31			n.a.
M 2	23 45	18 30	4 24	22 48	1 5	17 11	0 57	10 11	3 50	13 42	1 30	22 31	0 36	24 5	0 25	19 48	1 18	26 46	16 56	5 24	5 5	10 33			n.a.
T 3	23 44	18 54	4 52	22 25	0 59	16 48	0 54	10 2	3 52	13 42	1 31	22 32	0 36	24 5	0 25	19 48	1 18	26 47	16 56	5 20	5 3	10 34			n.a.
W 4	23 43	18 6	5 1	22 1	0 52	16 24	0 50	9 54	3 54	13 43	1 31	22 33	0 36	24 5	0 25	19 47	1 18	26 47	16 57	5 15	5 2	10 36			n.a.
T 5	23 41	16 13	4 52	21 36	0 44	15 59	0 46	9 45	3 56	13 44	1 31	22 34	0 36	24 4	0 25	19 47	1 18	26 48	16 57	5 11	5 1	10 37			n.a.
F 6	23 39	13 29	4 26	21 10	0 37	15 35	0 42	9 37	3 57	13 45	1 32	22 35	0 36	24 4	0 25	19 47	1 18	26 48	16 57	5 7	5 0	10 39			n.a.
S 7	23 36	10 8	3 47	20 44	0 29	15 10	0 37	9 29	3 59	13 46	1 32	22 35	0 36	24 4	0 25	19 47	1 18	26 49	16 58	5 4	4 58	10 40			n.a.
S 8	23 33	6 25	2 57	20 17	0 21	14 44	0 33	9 21	4 1	13 48	1 32	22 36	0 36	24 4	0 25	19 47	1 18	26 49	16 58	5 2	4 57	10 42			n.a.
M 9	23 30	2 30	2 0	19 50	0 12	14 19	0 29	9 13	4 3	13 49	1 33	22 37	0 36	24 4	0 25	19 46	1 18	26 50	16 58	5 1	4 56	10 44			n.a.
T 10	23 26	1s25	0 59	19 22	0 3	13 53	0 24	9 6	4 5	13 50	1 33	22 38	0 36	24 4	0 25	19 46	1 18	26 50	16 58	5 0	4 55	10 45			n.a.
W11	23 21	5 13	0n 4	18 54	0s 6	13 27	0 19	8 58	4 6	13 52	1 33	22 38	0 36	24 4	0 25	19 46	1 18	26 51	16 59	5 0	4 53	10 47			n.a.
T 12	23 16	8 48	1 6	18 25	0 15	13 0	0 15	8 51	4 8	13 53	1 34	22 39	0 36	24 3	0 25	19 46	1 17	26 52	16 59	5 0	4 52	10 48			n.a.
F 13	23 11	12 1	2 5	17 56	0 24	12 34	0 10	8 44	4 10	13 54	1 34	22 40	0 36	24 3	0 25	19 46	1 17	26 52	16 59	5 0	4 51	10 50			n.a.
S 14	23 6	14 46	2 59	17 28	0 34	12 7	0 5	8 37	4 11	13 56	1 34	22 41	0 35	24 3	0 25	19 45	1 17	26 53	17 0	4 58	4 50	10 51			n.a.
S 15	23 0	16 54	3 46	16 59	0 44	11 40	0s 0	8 31	4 13	13 58	1 34	22 41	0 35	24 3	0 25	19 45	1 17	26 53	17 0	4 56	4 48	10 53			n.a.
M16	22 53	18 19	4 23	16 30	0 54	11 13	0 6	8 25	4 15	13 59	1 35	22 42	0 35	24 3	0 25	19 45	1 17	26 54	17 0	4 52	4 47	10 54			n.a.
T 17	22 46	18 53	4 48	16 1	1 4	10 45	0 11	8 18	4 17	14 1	1 35	22 43	0 35	24 3	0 25	19 45	1 17	26 54	17 0	4 48	4 46	10 56			n.a.
W18	22 39	18 31	5 0	15 33	1 14	10 18	0 16	8 12	4 18	14 3	1 35	22 43	0 35	24 2	0 25	19 45	1 17	26 55	17 1	4 43	4 45	10 57			n.a.
T 19	22 31	17 11	4 56	15 5	1 24	9 50	0 22	8 7	4 20	14 5	1 36	22 44	0 35	24 2	0 25	19 45	1 17	26 55	17 1	4 38	4 43	10 59			n.a.
F 20	22 23	14 55	4 37	14 37	1 35	9 22	0 27	8 1	4 22	14 6	1 36	22 45	0 35	24 2	0 25	19 44	1 17	26 56	17 1	4 33	4 42	11 0			n.a.
S 21	22 15	11 49	4 2	14 10	1 45	8 54	0 33	7 56	4 23	14 8	1 36	22 45	0 35	24 2	0 25	19 44	1 17	26 56	17 2	4 29	4 41	11 2			n.a.
S 22	22 6	8 3	3 12	13 44	1 56	8 26	0 39	7 51	4 25	14 10	1 36	22 46	0 35	24 2	0 25	19 44	1 17	26 57	17 2	4 26	4 40	11 3			n.a.
M23	21 57	3 49	2 11	13 18	2 6	7 57	0 45	7 46	4 26	14 12	1 37	22 47	0 35	24 2	0 25	19 44	1 17	26 58	17 2	4 25	4 38	11 5			n.a.
T 24	21 47	0n39	1 1	12 54	2 17	7 29	0 51	7 42	4 28	14 15	1 37	22 47	0 35	24 1	0 25	19 44	1 17	26 58	17 2	4 24	4 37	11 6			n.a.
W25	21 37	5 8	0s12	12 30	2 27	7 1	0 57	7 37	4 29	14 17	1 37	22 48	0 35	24 1	0 25	19 44	1 17	26 59	17 3	4 24	4 36	11 8			n.a.
T 26	21 27	9 21	1 26	12 7	2 37	6 32	1 3	7 33	4 31	14 19	1 37	22 48	0 35	24 1	0 26	19 44	1 17	26 59	17 3	4 24	4 35	11 9			n.a.
F 27	21 16	13 3	2 35	11 46	2 47	6 4	1 9	7 30	4 32	14 21	1 38	22 49	0 35	24 1	0 26	19 43	1 17	27 0	17 3	4 23	4 33	11 11			n.a.
S 28	21 5	16 0	3 34	11 26	2 57	5 35	1 15	7 26	4 34	14 23	1 38	22 49	0 35	24 1	0 26	19 43	1 17	27 0	17 3	4 22	4 32	11 12			n.a.
S 29	20 53	17 58	4 20	11 8	3 7	5 6	1 22	7 23	4 35	14 26	1 38	22 50	0 35	24 1	0 26	19 43	1 17	27 1	17 3	4 20	4 31	11 14			n.a.
M30	20 41	18 49	4 50	10 51	3 17	4 38	1 28	7 20	4 37	14 28	1 38	22 51	0 35	24 0	0 26	19 43	1 17	27 1	17 4	4 17	4 30	11 15			n.a.
T 31	20n29	18n29	5s 2	10n37	3s26	4n 9	1s35	7s17	4s38	14s31	1s39	22n51	0s34	24n 0	0n26	19s43	1n17	27s 2	17s 4	4s13	4s28	11s17			n.a.

Julian Day Number = 1484922.5, Delta T = 05h19m34s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'58, Lahiri = -12°53'57 Julian Calendar 1 July 648 BCE == Greg. Calendar 24 June 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

AUGUST 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 10 7	0♌42'48	22♋ 7	23♌46	16♍56	22♓34	26°R 4	20♊36	7♋ 9	2°R36	1°R 8	10°R20	11♎ 6	4♏38	n.a.	W 1
T 2	20 14 4	1°41'03	5♌45	23°53	17°53	22°42	25♒58	20°43	7°12	2♐35	1♓ 7	10♎ 9	11° 3	4°44	n.a.	T 2
F 3	20 18 0	2°39'20	19° 4	23°R54	18°50	22°50	25°51	20°49	7°16	2°34	1° 6	9°59	11° 0	4°51	n.a.	F 3
S 4	20 21 57	3°37'40	2♍ 3	23°50	19°46	22°56	25°44	20°56	7°19	2°34	1° 5	9°51	10°56	4°58	n.a.	S 4
S 5	20 25 53	4°36'00	14°43	23°38	20°41	23° 2	25°37	21° 2	7°23	2°33	1° 4	9°46	10°53	5° 4	n.a.	S 5
M 6	20 29 50	5°34'23	27° 3	23°21	21°36	23° 6	25°30	21° 9	7°26	2°33	1° 2	9°43	10°50	5°11	n.a.	M 6
T 7	20 33 46	6°32'47	9♎ 9	22°56	22°31	23°10	25°23	21°15	7°29	2°32	1° 1	9°D42	10°47	5°18	n.a.	T 7
W 8	20 37 43	7°31'13	21° 5	22°25	23°25	23°13	25°16	21°21	7°33	2°32	1° 0	9°42	10°44	5°24	n.a.	W 8
T 9	20 41 40	8°29'41	2♏55	21°48	24°18	23°16	25° 8	21°27	7°36	2°31	0°59	9°R43	10°40	5°31	n.a.	T 9
F 10	20 45 36	9°28'11	14°44	21° 5	25°11	23°17	25° 1	21°33	7°39	2°31	0°58	9°43	10°37	5°38	n.a.	F 10
S 11	20 49 33	10°26'42	26°38	20°15	26° 3	23°R17	24°54	21°39	7°43	2°31	0°57	9°41	10°34	5°44	n.a.	S 11
S 12	20 53 29	11°25'15	8♐43	19°21	26°55	23°17	24°46	21°45	7°46	2°30	0°56	9°38	10°31	5°51	n.a.	S 12
M13	20 57 26	12°23'50	21° 2	18°23	27°46	23°16	24°38	21°51	7°49	2°30	0°55	9°32	10°28	5°58	n.a.	M13
T 14	21 1 22	13°22'27	3♑38	17°21	28°36	23°14	24°31	21°57	7°52	2°30	0°54	9°24	10°25	6° 4	n.a.	T 14
W15	21 5 19	14°21'06	16°35	16°18	29°25	23°10	24°23	22° 3	7°56	2°30	0°53	9°15	10°21	6°11	n.a.	W15
T 16	21 9 15	15°19'47	29°52	15°14	0♎14	23° 7	24°15	22° 9	7°59	2°29	0°52	9° 6	10°18	6°18	n.a.	T 16
F 17	21 13 12	16°18'29	13♒28	14°11	1° 2	23° 2	24° 7	22°14	8° 2	2°29	0°50	8°57	10°15	6°24	n.a.	F 17
S 18	21 17 9	17°17'14	27°20	13°11	1°49	22°56	23°59	22°20	8° 5	2°29	0°49	8°50	10°12	6°31	n.a.	S 18
S 19	21 21 5	18°16'01	11♓24	12°16	2°36	22°50	23°51	22°25	8° 8	2°29	0°48	8°44	10° 9	6°37	n.a.	S 19
M20	21 25 2	19°14'50	25°36	11°25	3°21	22°42	23°43	22°31	8°11	2°29	0°47	8°42	10° 6	6°44	n.a.	M20
T 21	21 28 58	20°13'41	9♈52	10°42	4° 6	22°34	23°35	22°36	8°14	2°29	0°46	8°D41	10° 2	6°51	n.a.	T 21
W22	21 32 55	21°12'35	24° 8	10° 7	4°50	22°25	23°27	22°41	8°17	2°D29	0°45	8°42	9°59	6°57	n.a.	W22
T 23	21 36 51	22°11'31	8♉22	9°41	5°32	22°15	23°19	22°47	8°20	2°29	0°43	8°43	9°56	7° 4	n.a.	T 23
F 24	21 40 48	23°10'30	22°32	9°25	6°14	22° 4	23°11	22°52	8°23	2°29	0°42	8°R43	9°53	7°11	n.a.	F 24
S 25	21 44 44	24° 9'31	6♊35	9°D19	6°55	21°52	23° 3	22°57	8°26	2°29	0°41	8°43	9°50	7°17	n.a.	S 25
S 26	21 48 41	25° 8'34	20°32	9°23	7°35	21°40	22°55	23° 2	8°28	2°29	0°40	8°40	9°46	7°24	n.a.	S 26
M27	21 52 37	26° 7'41	4♋21	9°37	8°13	21°27	22°47	23° 7	8°31	2°29	0°39	8°36	9°43	7°31	n.a.	M27
T 28	21 56 34	27° 6'49	18° 0	10° 2	8°51	21°13	22°39	23°12	8°34	2°29	0°38	8°30	9°40	7°37	n.a.	T 28
W29	22 0 31	28° 6'00	1♌27	10°35	9°27	20°58	22°31	23°16	8°37	2°30	0°36	8°23	9°37	7°44	n.a.	W29
T 30	22 4 27	29° 5'13	14°40	11°18	10° 2	20°43	22°23	23°21	8°39	2°30	0°35	8°16	9°34	7°51	n.a.	T 30
F 31	22 8 24	0♍ 4'28	27♌39	12♌ 9	10♎35	20♓27	22♒15	23♊26	8♋42	2♐30	0♓34	8♎10	9♎31	7♏57	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20n17	17n 3	4s56	10n25	3s34	3n40	1s41	7s15	4s39	14s33	1s39	22n52	0s34	24n 0	0n26	19s43	1n17	27s 3	17s 4	4s 9	4s27	11s18			n.a.
T 2	20 4	14 41	4 33	10 15	3 42	3 12	1 48	7 13	4 40	14 35	1 39	22 52	0 34	24 0	0 26	19 43	1 17	27 3	17 4	4 4	4 26	11 20			n.a.
F 3	19 50	11 35	3 56	10 8	3 50	2 43	1 55	7 11	4 42	14 38	1 39	22 53	0 34	24 0	0 26	19 43	1 17	27 4	17 4	4 0	4 24	11 21			n.a.
S 4	19 37	7 59	3 7	10 3	3 56	2 15	2 2	7 10	4 43	14 41	1 40	22 53	0 34	24 0	0 26	19 43	1 16	27 4	17 5	3 57	4 23	11 23			n.a.
S 5	19 23	4 7	2 9	10 1	4 2	1 46	2 9	7 8	4 44	14 43	1 40	22 54	0 34	23 59	0 26	19 43	1 16	27 5	17 5	3 55	4 22	11 24			n.a.
M 6	19 8	0 10	1 7	10 3	4 6	1 18	2 16	7 7	4 45	14 46	1 40	22 54	0 34	23 59	0 26	19 43	1 16	27 5	17 5	3 54	4 21	11 26			n.a.
T 7	18 54	3s43	0 3	10 8	4 10	0 49	2 23	7 7	4 46	14 48	1 40	22 55	0 34	23 59	0 26	19 43	1 16	27 6	17 5	3 54	4 19	11 27			n.a.
W 8	18 39	7 24	1n 1	10 16	4 12	0 21	2 30	7 6	4 47	14 51	1 40	22 55	0 34	23 59	0 26	19 43	1 16	27 7	17 5	3 54	4 18	11 29			n.a.
T 9	18 23	10 45	2 1	10 27	4 12	0s 7	2 38	7 6	4 48	14 54	1 40	22 56	0 34	23 59	0 26	19 42	1 16	27 7	17 6	3 54	4 17	11 30			n.a.
F 10	18 8	13 40	2 56	10 43	4 11	0 35	2 45	7 7	4 49	14 56	1 41	22 56	0 34	23 58	0 26	19 42	1 16	27 8	17 6	3 54	4 16	11 32			n.a.
S 11	17 52	16 2	3 44	11 1	4 8	1 2	2 52	7 7	4 50	14 59	1 41	22 56	0 34	23 58	0 26	19 42	1 16	27 8	17 6	3 53	4 14	11 33			n.a.
S 12	17 36	17 44	4 23	11 23	4 3	1 30	3 0	7 8	4 50	15 2	1 41	22 57	0 34	23 58	0 26	19 42	1 16	27 9	17 6	3 52	4 13	11 34			n.a.
M13	17 19	18 38	4 50	11 47	3 56	1 57	3 7	7 9	4 51	15 5	1 41	22 57	0 34	23 58	0 26	19 42	1 16	27 9	17 6	3 50	4 12	11 36			n.a.
T 14	17 2	18 39	5 4	12 15	3 47	2 24	3 15	7 10	4 51	15 7	1 41	22 58	0 34	23 58	0 26	19 42	1 16	27 10	17 6	3 47	4 11	11 37			n.a.
W15	16 45	17 42	5 3	12 44	3 36	2 51	3 22	7 12	4 52	15 10	1 41	22 58	0 34	23 58	0 26	19 42	1 16	27 10	17 6	3 43	4 9	11 39			n.a.
T 16	16 28	15 48	4 46	13 15	3 23	3 18	3 30	7 14	4 52	15 13	1 41	22 58	0 34	23 57	0 26	19 42	1 16	27 11	17 6	3 39	4 8	11 40			n.a.
F 17	16 10	12 59	4 13	13 47	3 9	3 44	3 38	7 16	4 53	15 16	1 42	22 59	0 34	23 57	0 26	19 42	1 16	27 11	17 7	3 36	4 7	11 42			n.a.
S 18	15 52	9 23	3 24	14 20	2 53	4 10	3 45	7 19	4 53	15 18	1 42	22 59	0 34	23 57	0 26	19 42	1 16	27 12	17 7	3 33	4 6	11 43			n.a.
S 19	15 34	5 13	2 22	14 53	2 35	4 36	3 53	7 21	4 53	15 21	1 42	23 0	0 34	23 57	0 26	19 42	1 16	27 12	17 7	3 31	4 4	11 45			n.a.
M20	15 15	0 42	1 10	15 24	2 17	5 2	4 1	7 24	4 53	15 24	1 42	23 0	0 34	23 57	0 26	19 43	1 16	27 13	17 7	3 30	4 3	11 46			n.a.
T 21	14 57	3n52	0s 6	15 55	1 57	5 27	4 9	7 28	4 53	15 27	1 42	23 0	0 33	23 57	0 26	19 43	1 16	27 13	17 7	3 29	4 2	11 48			n.a.
W22	14 38	8 13	1 23	16 23	1 38	5 51	4 17	7 31	4 53	15 29	1 42	23 1	0 33	23 56	0 26	19 43	1 16	27 14	17 7	3 30	4 0	11 49			n.a.
T 23	14 18	12 4	2 34	16 49	1 18	6 16	4 24	7 35	4 52	15 32	1 42	23 1	0 33	23 56	0 26	19 43	1 16	27 14	17 7	3 30	3 59	11 50			n.a.
F 24	13 59	15 12	3 35	17 12	0 59	6 40	4 32	7 39	4 52	15 35	1 42	23 1	0 33	23 56	0 26	19 43	1 15	27 15	17 7	3 30	3 58	11 52			n.a.
S 25	13 39	17 24	4 23	17 32	0 40	7 3	4 40	7 43	4 51	15 38	1 42	23 2	0 33	23 56	0 26	19 43	1 15	27 15	17 7	3 30	3 57	11 53			n.a.
S 26	13 19	18 32	4 54	17 48	0 22	7 27	4 48	7 47	4 51	15 40	1 42	23 2	0 33	23 56	0 26	19 43	1 15	27 16	17 7	3 29	3 55	11 55			n.a.
M27	12 59	18 33	5 9	18 1	0 4	7 49	4 56	7 52	4 50	15 43	1 42	23 2	0 33	23 56	0 26	19 43	1 15	27 16	17 7	3 27	3 54	11 56			n.a.
T 28	12 39	17 30	5 5	18 11	0n12	8 11	5 4	7 57	4 49	15 46	1 42	23 2	0 33	23 56	0 26	19 43	1 15	27 17	17 7	3 25	3 53	11 58			n.a.
W29	12 18	15 29	4 45	18 16	0 28	8 33	5 11	8 2	4 48	15 48	1 42	23 3	0 33	23 55	0 26	19 43	1 15	27 17	17 7	3 22	3 52	11 59			n.a.
T 30	11 57	12 41	4 10	18 18	0 42	8 54	5 19	8 7	4 47	15 51	1 42	23 3	0 33	23 55	0 26	19 43	1 15	27 18	17 7	3 19	3 50	12 1			n.a.
F 31	11n36	9n18	3s22	18n16	0n55	9s15	5s27	8s12	4s46	15s54	1s42	23n 3	0s33	23n55	0n26	19s43	1n15	27s18	17s 7	3s17	3s49	12s 2			n.a.

Julian Day Number = 1484953.5, Delta T = 05h19m32s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'54, Lahiri = -12°53'53 Julian Calendar 1 Aug. 648 BCE == Greg. Calendar 25 July 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

SEPTEMBER 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 12 20	1♍ 3'45	10♍22	13♌ 8	11♎ 8	20°R11	22°R 7	23♊30	8♋45	2♐30	0°R33	8°R 5	9♎27	8♏ 4	n.a.	S 1
S 2	22 16 17	2° 3'05	22°50	14°14	11°38	19♓53	22♒ 0	23°34	8°47	2°31	0♓32	8♎ 2	9°24	8°11	n.a.	S 2
M 3	22 20 13	3° 2'26	5♎ 4	15°26	12° 8	19°36	21°52	23°39	8°50	2°31	0°30	8°D 1	9°21	8°17	n.a.	M 3
T 4	22 24 10	4° 1'50	17° 7	16°44	12°36	19°18	21°44	23°43	8°52	2°32	0°29	8° 1	9°18	8°24	n.a.	T 4
W 5	22 28 6	5° 1'16	29° 0	18° 7	13° 2	18°59	21°36	23°47	8°55	2°32	0°28	8° 3	9°15	8°31	n.a.	W 5
T 6	22 32 3	6° 0'43	10♏49	19°33	13°26	18°40	21°29	23°51	8°57	2°33	0°27	8° 5	9°11	8°37	n.a.	T 6
F 7	22 35 59	7° 0'13	22°38	21° 4	13°49	18°21	21°21	23°55	9° 0	2°33	0°26	8° 6	9° 8	8°44	n.a.	F 7
S 8	22 39 56	7°59'44	4♐32	22°37	14°10	18° 1	21°14	23°59	9° 2	2°34	0°24	8°R 7	9° 5	8°51	n.a.	S 8
S 9	22 43 53	8°59'17	16°35	24°12	14°30	17°41	21° 7	24° 3	9° 4	2°34	0°23	8° 7	9° 2	8°57	n.a.	S 9
M10	22 47 49	9°58'52	28°53	25°50	14°47	17°21	21° 0	24° 6	9° 6	2°35	0°22	8° 5	8°59	9° 4	n.a.	M10
T 11	22 51 46	10°58'29	11♑30	27°29	15° 2	17° 1	20°52	24°10	9° 9	2°35	0°21	8° 3	8°56	9°11	n.a.	T 11
W12	22 55 42	11°58'08	24°29	29°10	15°15	16°41	20°45	24°13	9°11	2°36	0°20	7°59	8°52	9°17	n.a.	W12
T 13	22 59 39	12°57'49	7♒53	0♏51	15°27	16°20	20°39	24°17	9°13	2°37	0°19	7°55	8°49	9°24	n.a.	T 13
F 14	23 3 35	13°57'32	21°40	2°33	15°36	16° 0	20°32	24°20	9°15	2°38	0°18	7°52	8°46	9°31	n.a.	F 14
S 15	23 7 32	14°57'17	5♓49	4°16	15°42	15°40	20°25	24°23	9°17	2°38	0°16	7°49	8°43	9°37	n.a.	S 15
S 16	23 11 28	15°57'03	20°16	5°58	15°47	15°20	20°19	24°26	9°19	2°39	0°15	7°47	8°40	9°44	n.a.	S 16
M17	23 15 25	16°56'52	4♈54	7°41	15°R49	14°59	20°12	24°29	9°21	2°40	0°14	7°D46	8°37	9°51	n.a.	M17
T 18	23 19 22	17°56'43	19°37	9°24	15°49	14°40	20° 6	24°32	9°23	2°41	0°13	7°46	8°33	9°57	n.a.	T 18
W19	23 23 18	18°56'36	4♉19	11° 6	15°47	14°20	20° 0	24°35	9°25	2°42	0°12	7°47	8°30	10° 4	n.a.	W19
T 20	23 27 15	19°56'32	18°53	12°49	15°42	14° 1	19°54	24°38	9°26	2°43	0°11	7°48	8°27	10°11	n.a.	T 20
F 21	23 31 11	20°56'30	3♊16	14°31	15°34	13°42	19°48	24°40	9°28	2°44	0°10	7°50	8°24	10°17	n.a.	F 21
S 22	23 35 8	21°56'30	17°24	16°13	15°25	13°23	19°42	24°43	9°30	2°45	0° 9	7°R50	8°21	10°24	n.a.	S 22
S 23	23 39 4	22°56'33	1♋16	17°54	15°12	13° 5	19°37	24°45	9°31	2°46	0° 7	7°50	8°17	10°31	n.a.	S 23
M24	23 43 1	23°56'38	14°51	19°35	14°58	12°47	19°32	24°47	9°33	2°47	0° 6	7°49	8°14	10°37	n.a.	M24
T 25	23 46 57	24°56'45	28°11	21°16	14°41	12°30	19°26	24°50	9°35	2°48	0° 5	7°48	8°11	10°44	n.a.	T 25
W26	23 50 54	25°56'54	11♌16	22°56	14°22	12°13	19°21	24°52	9°36	2°49	0° 4	7°46	8° 8	10°51	n.a.	W26
T 27	23 54 50	26°57'05	24° 6	24°35	14° 1	11°57	19°17	24°54	9°38	2°50	0° 3	7°45	8° 5	10°57	n.a.	T 27
F 28	23 58 47	27°57'19	6♍43	26°14	13°37	11°41	19°12	24°56	9°39	2°51	0° 2	7°43	8° 2	11° 4	n.a.	F 28
S 29	0 2 44	28°57'34	19° 8	27°53	13°11	11°26	19° 7	24°57	9°40	2°53	0° 1	7°42	7°58	11°11	n.a.	S 29
S 30	0 6 40	29♍57'52	1♎22	29♍31	12♎44	11♓12	19♒ 3	24♊59	9♋42	2♐54	0♓ 0	7♎42	7♎55	11♏17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n15	5n33	2s25	18n10	1n 6	9s34	5s35	8s17	4s44	15s56	1s42	23n 4	0s33	23n55	0n26	19s43	1n15	27s19	17s 7	3s15	3s48	12s 3		n.a.
S 2	10 53	1 38	1 22	18 0	1 16	9 54	5 42	8 23	4 43	15 59	1 42	23 4	0 33	23 55	0 26	19 44	1 15	27 19	17 7	3 14	3 47	12 5		n.a.
M 3	10 32	2s17	0 16	17 47	1 25	10 12	5 50	8 28	4 41	16 1	1 42	23 4	0 33	23 55	0 26	19 44	1 15	27 20	17 7	3 13	3 45	12 6		n.a.
T 4	10 10	6 3	0n50	17 31	1 33	10 30	5 57	8 34	4 39	16 4	1 42	23 4	0 33	23 54	0 26	19 44	1 15	27 20	17 7	3 14	3 44	12 8		n.a.
W 5	9 48	9 31	1 52	17 11	1 40	10 47	6 4	8 40	4 38	16 6	1 42	23 5	0 33	23 54	0 26	19 44	1 15	27 21	17 7	3 14	3 43	12 9		n.a.
T 6	9 26	12 35	2 50	16 49	1 45	11 4	6 12	8 45	4 35	16 9	1 42	23 5	0 33	23 54	0 26	19 44	1 15	27 21	17 7	3 15	3 41	12 11		n.a.
F 7	9 4	15 8	3 41	16 24	1 49	11 19	6 19	8 51	4 33	16 11	1 42	23 5	0 33	23 54	0 26	19 44	1 15	27 21	17 7	3 15	3 40	12 12		n.a.
S 8	8 41	17 3	4 22	15 56	1 53	11 34	6 26	8 57	4 31	16 14	1 42	23 5	0 33	23 54	0 26	19 44	1 15	27 22	17 7	3 16	3 39	12 13		n.a.
S 9	8 19	18 14	4 52	15 26	1 55	11 48	6 32	9 2	4 29	16 16	1 42	23 5	0 33	23 54	0 27	19 45	1 15	27 22	17 7	3 16	3 38	12 15		n.a.
M10	7 56	18 36	5 10	14 55	1 57	12 1	6 39	9 8	4 26	16 18	1 42	23 6	0 33	23 54	0 27	19 45	1 15	27 23	17 7	3 15	3 36	12 16		n.a.
T 11	7 33	18 3	5 14	14 21	1 57	12 13	6 45	9 14	4 23	16 20	1 42	23 6	0 33	23 54	0 27	19 45	1 15	27 23	17 7	3 14	3 35	12 18		n.a.
W12	7 10	16 35	5 1	13 45	1 57	12 23	6 51	9 19	4 21	16 23	1 42	23 6	0 33	23 53	0 27	19 45	1 14	27 23	17 7	3 13	3 34	12 19		n.a.
T 13	6 47	14 10	4 33	13 8	1 56	12 33	6 57	9 24	4 18	16 25	1 42	23 6	0 33	23 53	0 27	19 45	1 14	27 24	17 7	3 11	3 33	12 20		n.a.
F 14	6 24	10 54	3 47	12 30	1 55	12 42	7 3	9 30	4 15	16 27	1 42	23 6	0 33	23 53	0 27	19 46	1 14	27 24	17 7	3 10	3 31	12 22		n.a.
S 15	6 0	6 55	2 47	11 50	1 53	12 49	7 8	9 35	4 11	16 29	1 41	23 7	0 32	23 53	0 27	19 46	1 14	27 24	17 7	3 8	3 30	12 23		n.a.
S 16	5 37	2 27	1 35	11 9	1 51	12 56	7 13	9 40	4 8	16 31	1 41	23 7	0 32	23 53	0 27	19 46	1 14	27 25	17 7	3 8	3 29	12 25		n.a.
M17	5 13	2n13	0 16	10 28	1 48	13 1	7 18	9 45	4 5	16 33	1 41	23 7	0 32	23 53	0 27	19 46	1 14	27 25	17 7	3 7	3 28	12 26		n.a.
T 18	4 50	6 47	1s 5	9 46	1 44	13 4	7 22	9 49	4 1	16 35	1 41	23 7	0 32	23 53	0 27	19 46	1 14	27 25	17 6	3 7	3 26	12 27		n.a.
W19	4 26	10 55	2 22	9 3	1 40	13 7	7 25	9 54	3 58	16 37	1 41	23 7	0 32	23 53	0 27	19 47	1 14	27 26	17 6	3 8	3 25	12 29		n.a.
T 20	4 2	14 20	3 28	8 19	1 36	13 8	7 29	9 58	3 54	16 38	1 41	23 7	0 32	23 53	0 27	19 47	1 14	27 26	17 6	3 8	3 24	12 30		n.a.
F 21	3 38	16 50	4 21	7 35	1 32	13 7	7 31	10 2	3 51	16 40	1 41	23 7	0 32	23 52	0 27	19 47	1 14	27 26	17 6	3 9	3 22	12 32		n.a.
S 22	3 14	18 14	4 57	6 51	1 27	13 6	7 33	10 6	3 47	16 42	1 40	23 8	0 32	23 52	0 27	19 47	1 14	27 27	17 6	3 9	3 21	12 33		n.a.
S 23	2 50	18 31	5 15	6 6	1 22	13 2	7 35	10 10	3 43	16 43	1 40	23 8	0 32	23 52	0 27	19 48	1 14	27 27	17 6	3 9	3 20	12 34		n.a.
M24	2 26	17 43	5 14	5 21	1 16	12 57	7 36	10 13	3 39	16 45	1 40	23 8	0 32	23 52	0 27	19 48	1 14	27 27	17 6	3 9	3 19	12 36		n.a.
T 25	2 2	15 58	4 57	4 36	1 11	12 51	7 36	10 16	3 35	16 46	1 40	23 8	0 32	23 52	0 27	19 48	1 14	27 27	17 6	3 8	3 17	12 37		n.a.
W26	1 38	13 24	4 24	3 51	1 5	12 43	7 36	10 19	3 31	16 48	1 40	23 8	0 32	23 52	0 27	19 48	1 14	27 28	17 5	3 7	3 16	12 38		n.a.
T 27	1 14	10 14	3 39	3 5	0 59	12 33	7 34	10 22	3 27	16 49	1 40	23 8	0 32	23 52	0 27	19 49	1 14	27 28	17 5	3 7	3 15	12 40		n.a.
F 28	0 49	6 38	2 44	2 20	0 53	12 22	7 32	10 24	3 23	16 51	1 39	23 8	0 32	23 52	0 27	19 49	1 14	27 28	17 5	3 6	3 14	12 41		n.a.
S 29	0 25	2 49	1 41	1 34	0 47	12 9	7 30	10 26	3 19	16 52	1 39	23 8	0 32	23 52	0 27	19 49	1 14	27 28	17 5	3 6	3 12	12 43		n.a.
S 30	0n 1	1s 5	0s35	0n49	0n41	11s55	7s26	10s28	3s15	16s53	1s39	23n 9	0s32	23n52	0n27	19s49	1n14	27s29	17s 5	3s 6	3s11	12s44		n.a.

Julian Day Number = 1484984.5, Delta T = 05h19m31s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'49, Lahiri = -12°53'49 Julian Calendar 1 Sept. 648 BCE == Greg. Calendar 25 Aug. 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

OCTOBER 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 10 37	0♎58'11	13♎26	1♎ 9	12°R15	10°R59	18°R59	25♊ 0	9♋43	2♐55	29°R59	7°D42	7♎52	11♏24	n.a.	M 1
T 2	0 14 33	1°58'32	25°23	2°46	11♎44	10♓46	18♒55	25° 2	9°44	2°56	29♒58	7♎42	7°49	11°31	n.a.	T 2
W 3	0 18 30	2°58'55	7♏14	4°23	11°12	10°34	18°51	25° 3	9°45	2°58	29°57	7°43	7°46	11°37	n.a.	W 3
T 4	0 22 26	3°59'20	19° 2	6° 0	10°38	10°22	18°48	25° 4	9°46	2°59	29°56	7°43	7°43	11°44	n.a.	T 4
F 5	0 26 23	4°59'46	0♐50	7°36	10° 3	10°12	18°44	25° 5	9°47	3° 0	29°55	7°44	7°39	11°51	n.a.	F 5
S 6	0 30 19	6° 0'14	12°43	9°12	9°28	10° 2	18°41	25° 6	9°48	3° 2	29°54	7°44	7°36	11°57	n.a.	S 6
S 7	0 34 16	7° 0'43	24°45	10°47	8°52	9°53	18°38	25° 7	9°49	3° 3	29°53	7°44	7°33	12° 4	n.a.	S 7
M 8	0 38 13	8° 1'14	6♑59	12°22	8°16	9°45	18°35	25° 8	9°50	3° 5	29°53	7°44	7°30	12°11	n.a.	M 8
T 9	0 42 9	9° 1'46	19°31	13°57	7°39	9°37	18°33	25° 8	9°51	3° 6	29°52	7°44	7°27	12°17	n.a.	T 9
W10	0 46 6	10° 2'20	2♒25	15°31	7° 3	9°31	18°30	25° 9	9°51	3° 8	29°51	7°44	7°23	12°24	n.a.	W10
T 11	0 50 2	11° 2'55	15°43	17° 5	6°27	9°25	18°28	25° 9	9°52	3° 9	29°50	7°44	7°20	12°31	n.a.	T 11
F 12	0 53 59	12° 3'31	29°29	18°39	5°52	9°20	18°26	25°10	9°53	3°11	29°49	7°45	7°17	12°37	n.a.	F 12
S 13	0 57 55	13° 4'09	13♓41	20°13	5°18	9°16	18°24	25°10	9°53	3°13	29°48	7°45	7°14	12°44	n.a.	S 13
S 14	1 1 52	14° 4'48	28°17	21°46	4°45	9°13	18°23	25°R10	9°54	3°14	29°47	7°45	7°11	12°51	n.a.	S 14
M15	1 5 48	15° 5'29	13♈11	23°19	4°13	9°11	18°21	25°10	9°54	3°16	29°47	7°R46	7° 8	12°57	n.a.	M15
T 16	1 9 45	16° 6'11	28°16	24°52	3°42	9° 9	18°20	25° 9	9°55	3°17	29°46	7°45	7° 4	13° 4	n.a.	T 16
W17	1 13 41	17° 6'54	13♉23	26°24	3°14	9° 8	18°19	25° 9	9°55	3°19	29°45	7°44	7° 1	13°11	n.a.	W17
T 18	1 17 38	18° 7'40	28°22	27°57	2°47	9°D 8	18°18	25° 9	9°55	3°21	29°44	7°43	6°58	13°17	n.a.	T 18
F 19	1 21 35	19° 8'27	13♊ 6	29°29	2°23	9° 9	18°18	25° 8	9°56	3°23	29°44	7°42	6°55	13°24	n.a.	F 19
S 20	1 25 31	20° 9'16	27°30	1♏ 1	2° 0	9°10	18°17	25° 8	9°56	3°24	29°43	7°41	6°52	13°31	n.a.	S 20
S 21	1 29 28	21°10'06	11♋29	2°32	1°40	9°13	18°D17	25° 7	9°56	3°26	29°42	7°40	6°48	13°37	n.a.	S 21
M22	1 33 24	22°10'58	25° 5	4° 4	1°23	9°16	18°17	25° 6	9°56	3°28	29°42	7°D40	6°45	13°44	n.a.	M22
T 23	1 37 21	23°11'52	8♌17	5°35	1° 7	9°20	18°18	25° 5	9°R56	3°30	29°41	7°40	6°42	13°51	n.a.	T 23
W24	1 41 17	24°12'47	21° 9	7° 6	0°54	9°24	18°18	25° 4	9°56	3°32	29°40	7°41	6°39	13°58	n.a.	W24
T 25	1 45 14	25°13'43	3♍43	8°37	0°44	9°29	18°19	25° 3	9°56	3°33	29°40	7°43	6°36	14° 4	n.a.	T 25
F 26	1 49 11	26°14'42	16° 4	10° 8	0°36	9°35	18°20	25° 1	9°56	3°35	29°39	7°44	6°33	14°11	n.a.	F 26
S 27	1 53 7	27°15'41	28°13	11°38	0°31	9°42	18°21	25° 0	9°55	3°37	29°39	7°45	6°29	14°18	n.a.	S 27
S 28	1 57 4	28°16'42	10♎14	13° 8	0°28	9°50	18°22	24°59	9°55	3°39	29°38	7°R46	6°26	14°24	n.a.	S 28
M29	2 1 0	29°17'43	22° 9	14°37	0°D27	9°58	18°24	24°57	9°55	3°41	29°38	7°45	6°23	14°31	n.a.	M29
T 30	2 4 57	0♏18'47	4♏ 0	16° 6	0°29	10° 7	18°25	24°55	9°55	3°43	29°37	7°43	6°20	14°38	n.a.	T 30
W31	2 8 53	1♏19'51	15♏50	17♏35	0♎34	10♓16	18♒27	24♊53	9♋54	3♐45	29♒37	7♎40	6♎17	14♏44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	0s23	4s53	0n32	0n 4	0n35	11s39	7s22	10s29	3s11	16s54	1s39	23n 9	0s32	23n52	0n27	19s50	1n14	27s29	17s 4	3s 6	3s10	12s45			n.a.
T 2	0 48	8 27	1 37	0s41	0 28	11 22	7 17	10 30	3 7	16 55	1 39	23 9	0 32	23 52	0 27	19 50	1 14	27 29	17 4	3 6	3 8	12 47			n.a.
W 3	1 12	11 39	2 37	1 26	0 22	11 4	7 10	10 31	3 3	16 56	1 38	23 9	0 32	23 52	0 27	19 50	1 13	27 29	17 4	3 6	3 7	12 48			n.a.
T 4	1 36	14 21	3 30	2 11	0 15	10 44	7 4	10 32	2 59	16 57	1 38	23 9	0 32	23 52	0 27	19 51	1 13	27 29	17 4	3 6	3 6	12 49			n.a.
F 5	2 1	16 27	4 15	2 55	0 9	10 23	6 56	10 32	2 54	16 58	1 38	23 9	0 32	23 52	0 27	19 51	1 13	27 30	17 4	3 6	3 5	12 51			n.a.
S 6	2 25	17 52	4 48	3 40	0 2	10 1	6 47	10 32	2 50	16 59	1 38	23 9	0 32	23 51	0 27	19 51	1 13	27 30	17 3	3 6	3 3	12 52			n.a.
S 7	2 49	18 30	5 10	4 24	0s 4	9 38	6 38	10 32	2 46	16 59	1 38	23 9	0 32	23 51	0 27	19 52	1 13	27 30	17 3	3 6	3 2	12 53			n.a.
M 8	3 13	18 17	5 18	5 7	0 11	9 14	6 28	10 31	2 42	17 0	1 37	23 9	0 32	23 51	0 27	19 52	1 13	27 30	17 3	3 7	3 1	12 55			n.a.
T 9	3 38	17 12	5 11	5 51	0 17	8 50	6 17	10 30	2 38	17 1	1 37	23 9	0 32	23 51	0 27	19 52	1 13	27 30	17 3	3 7	3 0	12 56			n.a.
W10	4 2	15 12	4 49	6 34	0 24	8 24	6 5	10 29	2 34	17 1	1 37	23 9	0 31	23 51	0 28	19 53	1 13	27 30	17 3	3 7	2 58	12 57			n.a.
T 11	4 26	12 21	4 11	7 16	0 30	7 59	5 53	10 27	2 30	17 2	1 37	23 9	0 31	23 51	0 28	19 53	1 13	27 30	17 2	3 7	2 57	12 59			n.a.
F 12	4 50	8 44	3 17	7 58	0 37	7 33	5 40	10 25	2 26	17 2	1 36	23 9	0 31	23 51	0 28	19 53	1 13	27 30	17 2	3 7	2 56	13 0			n.a.
S 13	5 14	4 30	2 10	8 40	0 43	7 7	5 27	10 23	2 22	17 2	1 36	23 10	0 31	23 51	0 28	19 54	1 13	27 30	17 2	3 7	2 55	13 1			n.a.
S 14	5 38	0n 6	0 52	9 21	0 49	6 41	5 13	10 21	2 18	17 3	1 36	23 10	0 31	23 51	0 28	19 54	1 13	27 31	17 2	3 7	2 53	13 3			n.a.
M15	6 1	4 49	0s30	10 2	0 56	6 15	4 59	10 18	2 14	17 3	1 36	23 10	0 31	23 51	0 28	19 54	1 13	27 31	17 1	3 7	2 52	13 4			n.a.
T 16	6 25	9 16	1 52	10 43	1 2	5 49	4 44	10 15	2 10	17 3	1 35	23 10	0 31	23 51	0 28	19 55	1 13	27 31	17 1	3 7	2 51	13 5			n.a.
W17	6 49	13 8	3 5	11 23	1 8	5 24	4 29	10 12	2 6	17 3	1 35	23 10	0 31	23 51	0 28	19 55	1 13	27 31	17 1	3 7	2 49	13 7			n.a.
T 18	7 12	16 5	4 6	12 2	1 14	5 0	4 14	10 9	2 3	17 3	1 35	23 10	0 31	23 51	0 28	19 55	1 13	27 31	17 0	3 6	2 48	13 8			n.a.
F 19	7 36	17 55	4 49	12 40	1 19	4 36	3 59	10 5	1 59	17 3	1 35	23 10	0 31	23 51	0 28	19 56	1 13	27 31	17 0	3 6	2 47	13 9			n.a.
S 20	7 59	18 33	5 12	13 19	1 25	4 13	3 43	10 1	1 55	17 3	1 34	23 10	0 31	23 51	0 28	19 56	1 13	27 31	17 0	3 5	2 46	13 11			n.a.
S 21	8 22	18 1	5 16	13 56	1 30	3 51	3 28	9 57	1 52	17 3	1 34	23 10	0 31	23 51	0 28	19 57	1 13	27 31	17 0	3 5	2 44	13 12			n.a.
M22	8 45	16 27	5 3	14 33	1 36	3 29	3 12	9 52	1 48	17 2	1 34	23 10	0 31	23 51	0 28	19 57	1 13	27 31	16 59	3 5	2 43	13 13			n.a.
T 23	9 8	14 3	4 33	15 9	1 41	3 9	2 57	9 48	1 45	17 2	1 34	23 10	0 31	23 51	0 28	19 57	1 13	27 31	16 59	3 5	2 42	13 15			n.a.
W24	9 31	11 1	3 50	15 44	1 45	2 50	2 42	9 43	1 41	17 2	1 33	23 10	0 31	23 52	0 28	19 58	1 13	27 31	16 59	3 5	2 41	13 16			n.a.
T 25	9 54	7 32	2 57	16 18	1 50	2 32	2 27	9 37	1 38	17 1	1 33	23 10	0 31	23 52	0 28	19 58	1 13	27 31	16 58	3 6	2 39	13 17			n.a.
F 26	10 16	3 46	1 57	16 52	1 54	2 15	2 12	9 32	1 34	17 1	1 33	23 10	0 31	23 52	0 28	19 59	1 13	27 31	16 58	3 7	2 38	13 19			n.a.
S 27	10 38	0s 5	0 53	17 25	1 59	2 0	1 58	9 26	1 31	17 0	1 32	23 10	0 31	23 52	0 28	19 59	1 13	27 30	16 58	3 7	2 37	13 20			n.a.
S 28	11 1	3 54	0n14	17 56	2 3	1 46	1 43	9 20	1 28	16 59	1 32	23 10	0 31	23 52	0 28	19 59	1 12	27 30	16 58	3 7	2 35	13 21			n.a.
M29	11 22	7 32	1 19	18 27	2 6	1 33	1 29	9 14	1 24	16 59	1 32	23 10	0 31	23 52	0 28	20 0	1 12	27 30	16 57	3 7	2 34	13 23			n.a.
T 30	11 44	10 50	2 20	18 57	2 9	1 21	1 15	9 8	1 21	16 58	1 32	23 10	0 30	23 52	0 28	20 0	1 12	27 30	16 57	3 6	2 33	13 24			n.a.
W31	12s 6	13s42	3n15	19s25	2s12	1s10	1s 2	9s 1	1s18	16s57	1s31	23n10	0s30	23n52	0n28	20s 1	1n12	27s30	16s57	3s 5	2s32	13s25			n.a.

Julian Day Number = 1485014.5, Delta T = 05h19m29s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'45, Lahiri = -12°53'45 Julian Calendar 1 Oct. 648 BCE == Greg. Calendar 24 Sept. 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

NOVEMBER 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 12 50	2♏20'56	27♏39	19♏ 3	0♎40	10♓26	18♒29	24°R51	9°R54	3♐47	29°R36	7°R35	6♎14	14♏51	n.a.	T 1
F 2	2 16 46	3°22'02	9♐30	20°30	0°49	10°37	18°32	24♊49	9♋53	3°49	29♒36	7♎31	6°10	14°58	n.a.	F 2
S 3	2 20 43	4°23'08	21°25	21°57	1° 0	10°49	18°34	24°47	9°52	3°51	29°35	7°26	6° 7	15° 4	n.a.	S 3
S 4	2 24 40	5°24'16	3♑28	23°22	1°14	11° 1	18°37	24°45	9°52	3°53	29°35	7°22	6° 4	15°11	n.a.	S 4
M 5	2 28 36	6°25'24	15°42	24°47	1°29	11°13	18°40	24°42	9°51	3°55	29°35	7°19	6° 1	15°18	n.a.	M 5
T 6	2 32 33	7°26'33	28°10	26°10	1°47	11°27	18°43	24°40	9°50	3°57	29°34	7°17	5°58	15°24	n.a.	T 6
W 7	2 36 29	8°27'42	10♒56	27°32	2° 6	11°40	18°46	24°37	9°50	3°59	29°34	7°D16	5°54	15°31	n.a.	W 7
T 8	2 40 26	9°28'51	24° 4	28°51	2°28	11°55	18°50	24°35	9°49	4° 1	29°34	7°17	5°51	15°38	n.a.	T 8
F 9	2 44 22	10°30'01	7♓38	0♐ 9	2°51	12°10	18°54	24°32	9°48	4° 4	29°33	7°19	5°48	15°44	n.a.	F 9
S 10	2 48 19	11°31'12	21°40	1°24	3°17	12°25	18°58	24°29	9°47	4° 6	29°33	7°20	5°45	15°51	n.a.	S 10
S 11	2 52 15	12°32'23	6♈ 8	2°37	3°43	12°41	19° 2	24°26	9°46	4° 8	29°33	7°R21	5°42	15°58	n.a.	S 11
M12	2 56 12	13°33'34	21° 0	3°46	4°12	12°58	19° 6	24°23	9°45	4°10	29°33	7°20	5°39	16° 4	n.a.	M12
T 13	3 0 9	14°34'45	6♉10	4°52	4°42	13°15	19°10	24°20	9°44	4°12	29°32	7°18	5°35	16°11	n.a.	T 13
W14	3 4 5	15°35'58	21°28	5°53	5°14	13°32	19°15	24°17	9°42	4°14	29°32	7°13	5°32	16°18	n.a.	W14
T 15	3 8 2	16°37'10	6♊45	6°49	5°48	13°50	19°20	24°13	9°41	4°16	29°32	7° 8	5°29	16°24	n.a.	T 15
F 16	3 11 58	17°38'24	21°48	7°39	6°22	14° 9	19°25	24°10	9°40	4°19	29°32	7° 1	5°26	16°31	n.a.	F 16
S 17	3 15 55	18°39'38	6♋30	8°22	6°59	14°28	19°30	24° 7	9°39	4°21	29°32	6°55	5°23	16°38	n.a.	S 17
S 18	3 19 51	19°40'52	20°44	8°58	7°36	14°47	19°36	24° 3	9°37	4°23	29°32	6°50	5°19	16°44	n.a.	S 18
M19	3 23 48	20°42'07	4♌29	9°26	8°15	15° 7	19°41	23°59	9°36	4°25	29°32	6°47	5°16	16°51	n.a.	M19
T 20	3 27 44	21°43'23	17°45	9°45	8°55	15°27	19°47	23°56	9°34	4°27	29°D32	6°D45	5°13	16°58	n.a.	T 20
W21	3 31 41	22°44'39	0♍36	9°R53	9°37	15°48	19°53	23°52	9°33	4°30	29°32	6°46	5°10	17° 4	n.a.	W21
T 22	3 35 38	23°45'56	13° 5	9°50	10°19	16° 9	19°59	23°48	9°31	4°32	29°32	6°47	5° 7	17°11	n.a.	T 22
F 23	3 39 34	24°47'13	25°17	9°36	11° 3	16°30	20° 5	23°44	9°30	4°34	29°32	6°48	5° 4	17°18	n.a.	F 23
S 24	3 43 31	25°48'30	7♎18	9°10	11°48	16°52	20°12	23°40	9°28	4°36	29°32	6°R49	5° 0	17°25	n.a.	S 24
S 25	3 47 27	26°49'48	19°11	8°33	12°33	17°14	20°18	23°36	9°26	4°39	29°32	6°48	4°57	17°31	n.a.	S 25
M26	3 51 24	27°51'05	1♏ 0	7°44	13°20	17°37	20°25	23°32	9°25	4°41	29°32	6°45	4°54	17°38	n.a.	M26
T 27	3 55 20	28°52'23	12°48	6°45	14° 8	18° 0	20°32	23°28	9°23	4°43	29°32	6°39	4°51	17°45	n.a.	T 27
W28	3 59 17	29°53'42	24°38	5°37	14°56	18°23	20°39	23°23	9°21	4°45	29°32	6°31	4°48	17°51	n.a.	W28
T 29	4 3 13	0♐55'00	6♐30	4°22	15°46	18°46	20°46	23°19	9°19	4°48	29°33	6°20	4°45	17°58	n.a.	T 29
F 30	4 7 10	1♐56'18	18♐28	3♐ 3	16♎36	19♓10	20♒54	23♊15	9♋17	4♐50	29♒33	6♎ 9	4♎41	18♏ 5	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s27	16s 0	4n 1	19s53	2s15	1s 1	0s49	8s55	1s15	16s56	1s31	23n10	0s30	23n52	0n28	20s 1	1n12	27s30	16s56	3s 3	2s30	13s27		n.a.
F 2	12 48	17 37	4 37	20 19	2 17	0 53	0 36	8 48	1 12	16 55	1 31	23 10	0 30	23 52	0 28	20 1	1 12	27 30	16 56	3 1	2 29	13 28		n.a.
S 3	13 9	18 29	5 1	20 44	2 18	0 46	0 24	8 41	1 9	16 54	1 31	23 10	0 30	23 52	0 28	20 2	1 12	27 30	16 56	2 59	2 28	13 29		n.a.
S 4	13 30	18 31	5 13	21 7	2 20	0 41	0 12	8 33	1 6	16 53	1 30	23 10	0 30	23 52	0 28	20 2	1 12	27 29	16 55	2 58	2 26	13 30		n.a.
M 5	13 51	17 42	5 10	21 30	2 20	0 36	0 0	8 26	1 3	16 52	1 30	23 10	0 30	23 52	0 28	20 3	1 12	27 29	16 55	2 56	2 25	13 32		n.a.
T 6	14 11	16 2	4 53	21 50	2 21	0 33	0n11	8 18	1 1	16 51	1 30	23 10	0 30	23 52	0 28	20 3	1 12	27 29	16 55	2 56	2 24	13 33		n.a.
W 7	14 31	13 33	4 21	22 9	2 20	0 31	0 22	8 10	0 58	16 49	1 30	23 10	0 30	23 52	0 28	20 3	1 12	27 29	16 54	2 55	2 23	13 34		n.a.
T 8	14 51	10 18	3 35	22 26	2 19	0 30	0 32	8 2	0 55	16 48	1 29	23 10	0 30	23 53	0 28	20 4	1 12	27 29	16 54	2 56	2 21	13 36		n.a.
F 9	15 11	6 25	2 35	22 42	2 17	0 30	0 42	7 54	0 52	16 46	1 29	23 10	0 30	23 53	0 29	20 4	1 12	27 28	16 54	2 56	2 20	13 37		n.a.
S 10	15 30	2 3	1 25	22 55	2 15	0 31	0 52	7 46	0 50	16 45	1 29	23 9	0 30	23 53	0 29	20 5	1 12	27 28	16 53	2 57	2 19	13 38		n.a.
S 11	15 49	2n34	0 7	23 7	2 11	0 34	1 2	7 37	0 47	16 43	1 29	23 9	0 30	23 53	0 29	20 5	1 12	27 28	16 53	2 57	2 18	13 39		n.a.
M12	16 8	7 10	1s14	23 16	2 7	0 37	1 11	7 28	0 45	16 42	1 28	23 9	0 30	23 53	0 29	20 6	1 12	27 28	16 52	2 57	2 16	13 41		n.a.
T 13	16 26	11 24	2 31	23 24	2 2	0 41	1 19	7 19	0 42	16 40	1 28	23 9	0 30	23 53	0 29	20 6	1 12	27 28	16 52	2 56	2 15	13 42		n.a.
W14	16 44	14 53	3 37	23 29	1 56	0 46	1 28	7 10	0 40	16 38	1 28	23 9	0 30	23 53	0 29	20 6	1 12	27 27	16 52	2 54	2 14	13 43		n.a.
T 15	17 2	17 20	4 28	23 31	1 48	0 52	1 36	7 1	0 38	16 37	1 27	23 9	0 29	23 53	0 29	20 7	1 12	27 27	16 51	2 52	2 12	13 44		n.a.
F 16	17 20	18 32	4 59	23 32	1 40	0 59	1 43	6 52	0 35	16 35	1 27	23 9	0 29	23 53	0 29	20 7	1 12	27 27	16 51	2 49	2 11	13 46		n.a.
S 17	17 37	18 27	5 10	23 29	1 30	1 7	1 50	6 42	0 33	16 33	1 27	23 9	0 29	23 54	0 29	20 8	1 12	27 26	16 51	2 47	2 10	13 47		n.a.
S 18	17 54	17 11	5 1	23 24	1 19	1 16	1 57	6 33	0 31	16 31	1 27	23 9	0 29	23 54	0 29	20 8	1 12	27 26	16 50	2 45	2 9	13 48		n.a.
M19	18 11	14 58	4 35	23 16	1 7	1 25	2 4	6 23	0 29	16 29	1 26	23 9	0 29	23 54	0 29	20 9	1 12	27 26	16 50	2 44	2 7	13 50		n.a.
T 20	18 27	12 0	3 54	23 5	0 53	1 35	2 10	6 13	0 26	16 27	1 26	23 9	0 29	23 54	0 29	20 9	1 12	27 25	16 50	2 43	2 6	13 51		n.a.
W21	18 43	8 34	3 3	22 52	0 38	1 46	2 16	6 3	0 24	16 25	1 26	23 9	0 29	23 54	0 29	20 9	1 12	27 25	16 49	2 43	2 5	13 52		n.a.
T 22	18 58	4 49	2 5	22 35	0 21	1 58	2 22	5 53	0 22	16 22	1 26	23 8	0 29	23 54	0 29	20 10	1 12	27 25	16 49	2 44	2 4	13 53		n.a.
F 23	19 14	0 57	1 2	22 16	0 4	2 10	2 28	5 43	0 20	16 20	1 25	23 8	0 29	23 54	0 29	20 10	1 12	27 24	16 49	2 44	2 2	13 55		n.a.
S 24	19 29	2s54	0n 3	21 53	0n15	2 23	2 33	5 32	0 18	16 18	1 25	23 8	0 29	23 55	0 29	20 11	1 12	27 24	16 48	2 44	2 1	13 56		n.a.
S 25	19 43	6 35	1 6	21 28	0 34	2 37	2 38	5 22	0 16	16 16	1 25	23 8	0 29	23 55	0 29	20 11	1 12	27 24	16 48	2 44	2 0	13 57		n.a.
M26	19 57	10 0	2 7	21 1	0 54	2 51	2 42	5 11	0 14	16 13	1 25	23 8	0 29	23 55	0 29	20 12	1 12	27 23	16 47	2 43	1 58	13 58		n.a.
T 27	20 11	13 1	3 1	20 31	1 14	3 6	2 46	5 0	0 13	16 11	1 25	23 8	0 29	23 55	0 29	20 12	1 12	27 23	16 47	2 40	1 57	14 0		n.a.
W28	20 24	15 30	3 48	20 0	1 34	3 21	2 50	4 49	0 11	16 8	1 24	23 8	0 28	23 55	0 29	20 12	1 12	27 23	16 47	2 37	1 56	14 1		n.a.
T 29	20 37	17 21	4 25	19 27	1 53	3 37	2 54	4 38	0 9	16 6	1 24	23 8	0 28	23 55	0 29	20 13	1 12	27 22	16 46	2 33	1 55	14 2		n.a.
F 30	20s50	18s26	4n50	18s55	2n11	3s53	2n58	4s27	0s 7	16s 3	1s24	23n 7	0s28	23n55	0n29	20s13	1n12	27s22	16s46	2s29	1s53	14s 3		n.a.

Julian Day Number = 1485045.5, Delta T = 05h19m28s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'41, Lahiri = -12°53'41 Julian Calendar 1 Nov. 648 BCE == Greg. Calendar 25 Oct. 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 648 BCE
geocentric

DECEMBER 648 BCE (-647) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 11 7	2♐57'35	0♉31	1°R42	17♎27	19♓35	21♒ 1	23°R10	9°R16	4♐52	29♒33	5°R57	4♎38	18♏11	n.a.	S 1
S 2	4 15 3	3°58'53	12°42	0♐22	18°19	19°59	21° 9	23♊ 6	9♋14	4°55	29°33	5♎47	4°35	18°18	n.a.	S 2
M 3	4 19 0	5° 0'10	25° 2	29♏ 5	19°11	20°24	21°17	23° 1	9°12	4°57	29°34	5°38	4°32	18°25	n.a.	M 3
T 4	4 22 56	6° 1'26	7♒33	27°54	20° 4	20°49	21°25	22°56	9°10	4°59	29°34	5°31	4°29	18°31	n.a.	T 4
W 5	4 26 53	7° 2'42	20°19	26°50	20°58	21°15	21°33	22°52	9° 7	5° 1	29°34	5°28	4°25	18°38	n.a.	W 5
T 6	4 30 49	8° 3'57	3♓22	25°54	21°53	21°40	21°42	22°47	9° 5	5° 4	29°35	5°D26	4°22	18°45	n.a.	T 6
F 7	4 34 46	9° 5'12	16°45	25° 8	22°48	22° 6	21°50	22°42	9° 3	5° 6	29°35	5°26	4°19	18°51	n.a.	F 7
S 8	4 38 43	10° 6'25	0♈32	24°32	23°43	22°33	21°59	22°38	9° 1	5° 8	29°35	5°R27	4°16	18°58	n.a.	S 8
S 9	4 42 39	11° 7'38	14°43	24° 6	24°40	22°59	22° 7	22°33	8°59	5°10	29°36	5°27	4°13	19° 5	n.a.	S 9
M10	4 46 36	12° 8'50	29°19	23°50	25°37	23°26	22°16	22°28	8°57	5°13	29°36	5°24	4°10	19°11	n.a.	M10
T 11	4 50 32	13°10'02	14♉15	23°D42	26°34	23°53	22°25	22°23	8°54	5°15	29°37	5°20	4° 6	19°18	n.a.	T 11
W12	4 54 29	14°11'12	29°24	23°44	27°32	24°20	22°34	22°18	8°52	5°17	29°37	5°12	4° 3	19°25	n.a.	W12
T 13	4 58 25	15°12'22	14♊38	23°53	28°30	24°48	22°44	22°14	8°50	5°19	29°38	5° 2	4° 0	19°32	n.a.	T 13
F 14	5 2 22	16°13'32	29°44	24°10	29°29	25°15	22°53	22° 9	8°47	5°22	29°38	4°51	3°57	19°38	n.a.	F 14
S 15	5 6 18	17°14'40	14♋34	24°34	0♏29	25°43	23° 3	22° 4	8°45	5°24	29°39	4°40	3°54	19°45	n.a.	S 15
S 16	5 10 15	18°15'49	28°59	25° 4	1°29	26°12	23°12	21°59	8°43	5°26	29°39	4°31	3°51	19°52	n.a.	S 16
M17	5 14 12	19°16'56	12♌54	25°40	2°29	26°40	23°22	21°54	8°40	5°28	29°40	4°23	3°47	19°58	n.a.	M17
T 18	5 18 8	20°18'03	26°19	26°20	3°30	27° 8	23°32	21°49	8°38	5°31	29°41	4°19	3°44	20° 5	n.a.	T 18
W19	5 22 5	21°19'09	9♍16	27° 6	4°31	27°37	23°42	21°44	8°35	5°33	29°41	4°16	3°41	20°12	n.a.	W19
T 20	5 26 1	22°20'15	21°48	27°55	5°32	28° 6	23°52	21°39	8°33	5°35	29°42	4°D16	3°38	20°18	n.a.	T 20
F 21	5 29 58	23°21'20	4♎ 1	28°48	6°34	28°35	24° 3	21°34	8°30	5°37	29°43	4°R16	3°35	20°25	n.a.	F 21
S 22	5 33 54	24°22'24	16° 0	29°45	7°36	29° 5	24°13	21°29	8°28	5°39	29°43	4°16	3°31	20°32	n.a.	S 22
S 23	5 37 51	25°23'27	27°51	0♐45	8°39	29°34	24°24	21°24	8°25	5°42	29°44	4°13	3°28	20°38	n.a.	S 23
M24	5 41 47	26°24'30	9♏39	1°47	9°42	0♈ 4	24°34	21°19	8°23	5°44	29°45	4° 9	3°25	20°45	n.a.	M24
T 25	5 45 44	27°25'32	21°27	2°52	10°45	0°34	24°45	21°14	8°20	5°46	29°46	4° 1	3°22	20°52	n.a.	T 25
W26	5 49 41	28°26'32	3♐19	4° 0	11°49	1° 4	24°56	21° 9	8°18	5°48	29°46	3°50	3°19	20°58	n.a.	W26
T 27	5 53 37	29°27'32	15°17	5° 9	12°52	1°34	25° 7	21° 5	8°15	5°50	29°47	3°37	3°16	21° 5	n.a.	T 27
F 28	5 57 34	0♉28'31	27°24	6°20	13°57	2° 4	25°18	21° 0	8°13	5°52	29°48	3°23	3°12	21°12	n.a.	F 28
S 29	6 1 30	1°29'29	9♉39	7°34	15° 1	2°35	25°29	20°55	8°10	5°54	29°49	3° 8	3° 9	21°19	n.a.	S 29
S 30	6 5 27	2°30'25	22° 4	8°48	16° 6	3° 6	25°40	20°50	8° 7	5°57	29°50	2°54	3° 6	21°25	n.a.	S 30
M31	6 9 23	3♉31'20	4♒38	10♐ 5	17♏10	3♈37	25♒52	20♊45	8♋ 5	5♐59	29♒51	2♎42	3♎ 3	21♏32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s 2	18s43	5n 3	18s23	2n27	4s 9	3n 1	4s16	0s 5	16s 0	1s24	23n 7	0s28	23n56	0n29	20s14	1n12	27s21	16s46	2s24	1s52	14s 4		n.a.
S 2	21 14	18 8	5 2	17 53	2 41	4 27	3 4	4 5	0 4	15 58	1 23	23 7	0 28	23 56	0 29	20 14	1 12	27 21	16 45	2 20	1 51	14 6		n.a.
M 3	21 26	16 43	4 47	17 25	2 53	4 44	3 7	3 53	0 2	15 55	1 23	23 7	0 28	23 56	0 29	20 15	1 12	27 20	16 45	2 16	1 49	14 7		n.a.
T 4	21 37	14 28	4 19	17 1	3 2	5 2	3 9	3 42	0 0	15 52	1 23	23 7	0 28	23 56	0 29	20 15	1 12	27 20	16 45	2 13	1 48	14 8		n.a.
W 5	21 47	11 30	3 37	16 39	3 9	5 20	3 12	3 30	0n 1	15 49	1 23	23 7	0 28	23 56	0 29	20 15	1 12	27 20	16 44	2 12	1 47	14 9		n.a.
T 6	21 57	7 53	2 42	16 22	3 14	5 39	3 14	3 18	0 3	15 46	1 22	23 7	0 28	23 56	0 29	20 16	1 12	27 19	16 44	2 11	1 46	14 11		n.a.
F 7	22 7	3 48	1 38	16 9	3 16	5 58	3 16	3 7	0 4	15 43	1 22	23 6	0 28	23 57	0 29	20 16	1 12	27 19	16 43	2 11	1 44	14 12		n.a.
S 8	22 16	0n37	0 26	16 0	3 16	6 17	3 18	2 55	0 6	15 40	1 22	23 6	0 28	23 57	0 29	20 17	1 12	27 18	16 43	2 12	1 43	14 13		n.a.
S 9	22 25	5 7	0s49	15 54	3 15	6 36	3 19	2 43	0 7	15 37	1 22	23 6	0 27	23 57	0 29	20 17	1 12	27 18	16 43	2 11	1 42	14 14		n.a.
M10	22 34	9 28	2 3	15 53	3 12	6 56	3 20	2 31	0 9	15 34	1 22	23 6	0 27	23 57	0 29	20 17	1 12	27 17	16 42	2 11	1 41	14 15		n.a.
T 11	22 42	13 18	3 11	15 55	3 8	7 16	3 21	2 18	0 10	15 31	1 21	23 6	0 27	23 57	0 29	20 18	1 12	27 17	16 42	2 9	1 39	14 17		n.a.
W12	22 49	16 18	4 6	16 1	3 3	7 36	3 22	2 6	0 11	15 27	1 21	23 6	0 27	23 58	0 29	20 18	1 12	27 16	16 42	2 6	1 38	14 18		n.a.
T 13	22 56	18 11	4 43	16 9	2 57	7 56	3 23	1 54	0 13	15 24	1 21	23 5	0 27	23 58	0 29	20 19	1 12	27 16	16 41	2 2	1 37	14 19		n.a.
F 14	23 3	18 45	5 1	16 20	2 50	8 16	3 24	1 42	0 14	15 21	1 21	23 5	0 27	23 58	0 29	20 19	1 12	27 15	16 41	1 57	1 35	14 20		n.a.
S 15	23 9	18 2	4 58	16 33	2 42	8 37	3 24	1 29	0 15	15 17	1 21	23 5	0 27	23 58	0 29	20 19	1 12	27 15	16 41	1 53	1 34	14 21		n.a.
S 16	23 15	16 9	4 35	16 48	2 34	8 58	3 24	1 17	0 17	15 14	1 20	23 5	0 27	23 58	0 30	20 20	1 12	27 14	16 40	1 49	1 33	14 23		n.a.
M17	23 20	13 23	3 57	17 5	2 26	9 19	3 24	1 4	0 18	15 10	1 20	23 5	0 27	23 58	0 30	20 20	1 12	27 13	16 40	1 46	1 32	14 24		n.a.
T 18	23 25	9 59	3 7	17 23	2 17	9 39	3 24	0 51	0 19	15 7	1 20	23 4	0 27	23 59	0 30	20 21	1 12	27 13	16 40	1 44	1 30	14 25		n.a.
W19	23 29	6 13	2 9	17 42	2 8	10 0	3 24	0 39	0 20	15 3	1 20	23 4	0 26	23 59	0 30	20 21	1 12	27 12	16 39	1 43	1 29	14 26		n.a.
T 20	23 33	2 18	1 6	18 2	1 59	10 21	3 23	0 26	0 22	15 0	1 20	23 4	0 26	23 59	0 30	20 21	1 12	27 12	16 39	1 43	1 28	14 27		n.a.
F 21	23 36	1s38	0 1	18 23	1 50	10 42	3 23	0 13	0 23	14 56	1 19	23 4	0 26	23 59	0 30	20 22	1 12	27 11	16 39	1 43	1 26	14 29		n.a.
S 22	23 39	5 26	1n 2	18 44	1 41	11 4	3 22	0 0	0 24	14 53	1 19	23 4	0 26	23 59	0 30	20 22	1 12	27 11	16 38	1 43	1 25	14 30		n.a.
S 23	23 41	8 58	2 2	19 6	1 31	11 25	3 21	0n13	0 25	14 49	1 19	23 3	0 26	23 59	0 30	20 23	1 12	27 10	16 38	1 42	1 24	14 31		n.a.
M24	23 43	12 8	2 56	19 28	1 22	11 46	3 20	0 26	0 26	14 45	1 19	23 3	0 26	24 0	0 30	20 23	1 12	27 10	16 38	1 40	1 23	14 32		n.a.
T 25	23 45	14 48	3 42	19 50	1 13	12 6	3 19	0 39	0 27	14 41	1 19	23 3	0 26	24 0	0 30	20 23	1 12	27 9	16 37	1 37	1 21	14 33		n.a.
W26	23 46	16 52	4 19	20 12	1 4	12 27	3 18	0 52	0 28	14 37	1 19	23 3	0 26	24 0	0 30	20 24	1 12	27 8	16 37	1 33	1 20	14 35		n.a.
T 27	23 46	18 14	4 45	20 34	0 54	12 48	3 16	1 5	0 29	14 33	1 18	23 3	0 25	24 0	0 30	20 24	1 12	27 8	16 37	1 28	1 19	14 36		n.a.
F 28	23 46	18 47	4 58	20 55	0 45	13 9	3 15	1 18	0 30	14 29	1 18	23 2	0 25	24 0	0 30	20 24	1 12	27 7	16 36	1 22	1 18	14 37		n.a.
S 29	23 46	18 28	4 58	21 16	0 37	13 29	3 13	1 31	0 31	14 26	1 18	23 2	0 25	24 1	0 30	20 25	1 12	27 7	16 36	1 16	1 16	14 38		n.a.
S 30	23 45	17 17	4 43	21 37	0 28	13 50	3 11	1 45	0 32	14 21	1 18	23 2	0 25	24 1	0 30	20 25	1 12	27 6	16 36	1 10	1 15	14 39		n.a.
M31	23s43	15s14	4n15	21s57	0n19	14s10	3n 9	1n58	0n33	14s17	1s18	23n 2	0s25	24n 1	0n30	20s26	1n12	27s 5	16s36	1s 5	1s14	14s40		n.a.

Julian Day Number = 1485075.5, Delta T = 05h19m26s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'37, Lahiri = -12°53'37 Julian Calendar 1 Dec. 648 BCE == Greg. Calendar 24 Nov. 648 BCE

The year -647 astronomical counting style corresponds to year 648 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

JANUARY 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 13 20	4♉32'13	17♒23	11♐23	18♏16	4♈ 8	26♒ 3	20°R41	8°R 2	6♐ 1	29♒52	2°R33	3♎ 0	21♏39	n.a.	T 1
W 2	6 17 17	5°33'05	0♓19	12°42	19°21	4°39	26°15	20♊36	7♋59	6° 3	29°53	2♎27	2°57	21°45	n.a.	W 2
T 3	6 21 13	6°33'55	13°28	14° 2	20°27	5°10	26°26	20°31	7°57	6° 5	29°54	2°24	2°53	21°52	n.a.	T 3
F 4	6 25 10	7°34'43	26°52	15°24	21°32	5°41	26°38	20°27	7°54	6° 7	29°55	2°23	2°50	21°59	n.a.	F 4
S 5	6 29 6	8°35'30	10♈32	16°47	22°38	6°13	26°50	20°22	7°52	6° 9	29°56	2°23	2°47	22° 5	n.a.	S 5
S 6	6 33 3	9°36'15	24°30	18°10	23°45	6°45	27° 2	20°17	7°49	6°11	29°57	2°23	2°44	22°12	n.a.	S 6
M 7	6 36 59	10°36'58	8♉47	19°35	24°51	7°16	27°14	20°13	7°46	6°13	29°58	2°20	2°41	22°19	n.a.	M 7
T 8	6 40 56	11°37'40	23°21	21° 1	25°58	7°48	27°26	20° 9	7°44	6°15	29°59	2°16	2°37	22°25	n.a.	T 8
W 9	6 44 52	12°38'19	8♊ 7	22°28	27° 4	8°20	27°38	20° 4	7°41	6°17	29°59	2° 8	2°34	22°32	n.a.	W 9
T 10	6 48 49	13°38'57	23° 0	23°56	28°11	8°52	27°50	20° 0	7°39	6°19	0♓ 1	1°58	2°31	22°39	n.a.	T 10
F 11	6 52 46	14°39'33	7♋50	25°25	29°18	9°25	28° 3	19°56	7°36	6°20	0° 2	1°46	2°28	22°46	n.a.	F 11
S 12	6 56 42	15°40'08	22°29	26°55	0♐26	9°57	28°15	19°51	7°33	6°22	0° 3	1°35	2°25	22°52	n.a.	S 12
S 13	7 0 39	16°40'41	6♌49	28°26	1°33	10°29	28°27	19°47	7°31	6°24	0° 4	1°24	2°22	22°59	n.a.	S 13
M14	7 4 35	17°41'12	20°44	29°58	2°41	11° 2	28°40	19°43	7°28	6°26	0° 5	1°16	2°18	23° 6	n.a.	M14
T 15	7 8 32	18°41'42	4♍12	1♉30	3°49	11°35	28°53	19°39	7°26	6°28	0° 6	1°11	2°15	23°12	n.a.	T 15
W16	7 12 28	19°42'10	17°14	3° 4	4°57	12° 7	29° 5	19°35	7°23	6°30	0° 7	1° 8	2°12	23°19	n.a.	W16
T 17	7 16 25	20°42'36	29°51	4°38	6° 5	12°40	29°18	19°31	7°20	6°31	0° 9	1°D 7	2° 9	23°26	n.a.	T 17
F 18	7 20 21	21°43'01	12♎ 8	6°14	7°13	13°13	29°31	19°28	7°18	6°33	0°10	1° 7	2° 6	23°32	n.a.	F 18
S 19	7 24 18	22°43'25	24°11	7°50	8°21	13°46	29°44	19°24	7°15	6°35	0°11	1°R 7	2° 3	23°39	n.a.	S 19
S 20	7 28 15	23°43'47	6♏ 4	9°28	9°30	14°19	29°57	19°20	7°13	6°36	0°12	1° 7	1°59	23°46	n.a.	S 20
M21	7 32 11	24°44'07	17°53	11° 6	10°38	14°52	0♓10	19°17	7°10	6°38	0°14	1° 4	1°56	23°52	n.a.	M21
T 22	7 36 8	25°44'26	29°43	12°45	11°47	15°26	0°23	19°13	7° 8	6°40	0°15	0°58	1°53	23°59	n.a.	T 22
W23	7 40 4	26°44'43	11♐39	14°26	12°56	15°59	0°36	19°10	7° 6	6°41	0°16	0°51	1°50	24° 6	n.a.	W23
T 24	7 44 1	27°44'59	23°43	16° 7	14° 5	16°33	0°49	19° 6	7° 3	6°43	0°17	0°41	1°47	24°13	n.a.	T 24
F 25	7 47 57	28°45'13	5♉58	17°49	15°14	17° 6	1° 2	19° 3	7° 1	6°45	0°19	0°29	1°43	24°19	n.a.	F 25
S 26	7 51 54	29°45'24	18°26	19°33	16°23	17°40	1°16	19° 0	6°58	6°46	0°20	0°17	1°40	24°26	n.a.	S 26
S 27	7 55 50	0♒45'34	1♒ 6	21°17	17°33	18°13	1°29	18°57	6°56	6°48	0°21	0° 6	1°37	24°33	n.a.	S 27
M28	7 59 47	1°45'42	14° 0	23° 2	18°42	18°47	1°42	18°54	6°54	6°49	0°22	29♍57	1°34	24°39	n.a.	M28
T 29	8 3 44	2°45'48	27° 5	24°49	19°51	19°21	1°56	18°51	6°51	6°51	0°24	29°50	1°31	24°46	n.a.	T 29
W30	8 7 40	3°45'52	10♓22	26°36	21° 1	19°55	2° 9	18°48	6°49	6°52	0°25	29°46	1°28	24°53	n.a.	W30
T 31	8 11 37	4♒45'54	23♓49	28♉25	22♐11	20♈29	2♓23	18♊46	6♋47	6♐54	0♓27	29°D44	1♎24	24♏59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s41	12 s27	3n34	22 s17	0n11	14 s30	3n 7	2n11	0n34	14 s13	1 s18	23n 1	0 s25	24n 1	0n30	20 s26	1n12	27s 5	16 s35	1 s 2	1 s12	14 s42		n.a.
W 2	23 39	9 1	2 41	22 35	0 3	14 50	3 5	2 25	0 35	14 9	1 17	23 1	0 25	24 1	0 30	20 26	1 12	27 4	16 35	0 59	1 11	14 43		n.a.
T 3	23 36	5 5	1 38	22 54	0 s 6	15 10	3 3	2 38	0 36	14 5	1 17	23 1	0 25	24 1	0 30	20 27	1 12	27 4	16 35	0 58	1 10	14 44		n.a.
F 4	23 33	0 49	0 29	23 11	0 13	15 30	3 1	2 51	0 37	14 1	1 17	23 1	0 25	24 2	0 30	20 27	1 12	27 3	16 34	0 58	1 9	14 45		n.a.
S 5	23 29	3n34	0 s43	23 27	0 21	15 49	2 58	3 5	0 38	13 57	1 17	23 1	0 24	24 2	0 30	20 27	1 12	27 2	16 34	0 58	1 7	14 46		n.a.
S 6	23 25	7 51	1 54	23 43	0 29	16 8	2 56	3 18	0 39	13 52	1 17	23 0	0 24	24 2	0 30	20 28	1 12	27 2	16 34	0 58	1 6	14 47		n.a.
M 7	23 20	11 47	3 0	23 57	0 36	16 27	2 53	3 32	0 40	13 48	1 17	23 0	0 24	24 2	0 30	20 28	1 12	27 1	16 34	0 57	1 5	14 48		n.a.
T 8	23 15	15 5	3 55	24 11	0 43	16 45	2 50	3 45	0 41	13 44	1 17	23 0	0 24	24 2	0 30	20 28	1 12	27 0	16 33	0 55	1 3	14 50		n.a.
W 9	23 10	17 26	4 35	24 23	0 50	17 3	2 48	3 59	0 41	13 39	1 16	23 0	0 24	24 2	0 30	20 29	1 12	27 0	16 33	0 52	1 2	14 51		n.a.
T 10	23 4	18 38	4 57	24 34	0 56	17 21	2 45	4 12	0 42	13 35	1 16	23 0	0 24	24 3	0 30	20 29	1 12	26 59	16 33	0 47	1 1	14 52		n.a.
F 11	22 57	18 33	4 59	24 44	1 3	17 39	2 42	4 26	0 43	13 30	1 16	22 59	0 24	24 3	0 30	20 29	1 12	26 58	16 33	0 43	1 0	14 53		n.a.
S 12	22 50	17 14	4 41	24 53	1 9	17 56	2 39	4 40	0 44	13 26	1 16	22 59	0 23	24 3	0 30	20 30	1 12	26 58	16 32	0 38	0 58	14 54		n.a.
S 13	22 43	14 52	4 6	25 0	1 14	18 13	2 36	4 53	0 44	13 21	1 16	22 59	0 23	24 3	0 30	20 30	1 12	26 57	16 32	0 34	0 57	14 55		n.a.
M14	22 35	11 41	3 17	25 6	1 20	18 29	2 33	5 7	0 45	13 17	1 16	22 59	0 23	24 3	0 30	20 30	1 12	26 57	16 32	0 31	0 56	14 56		n.a.
T 15	22 27	7 58	2 18	25 11	1 25	18 45	2 30	5 21	0 46	13 12	1 16	22 59	0 23	24 3	0 30	20 30	1 12	26 56	16 32	0 28	0 54	14 58		n.a.
W16	22 18	4 0	1 13	25 14	1 30	19 1	2 26	5 34	0 47	13 8	1 15	22 58	0 23	24 3	0 30	20 31	1 12	26 55	16 31	0 27	0 53	14 59		n.a.
T 17	22 9	0 s 3	0 7	25 16	1 35	19 16	2 23	5 48	0 47	13 3	1 15	22 58	0 23	24 4	0 30	20 31	1 12	26 55	16 31	0 27	0 52	15 0		n.a.
F 18	21 59	3 58	0n58	25 16	1 39	19 31	2 20	6 1	0 48	12 58	1 15	22 58	0 23	24 4	0 30	20 31	1 12	26 54	16 31	0 27	0 51	15 1		n.a.
S 19	21 50	7 39	2 0	25 15	1 43	19 46	2 16	6 15	0 49	12 54	1 15	22 58	0 23	24 4	0 30	20 32	1 12	26 53	16 31	0 27	0 49	15 2		n.a.
S 20	21 39	10 59	2 55	25 12	1 47	20 0	2 13	6 29	0 49	12 49	1 15	22 58	0 22	24 4	0 30	20 32	1 12	26 53	16 30	0 27	0 48	15 3		n.a.
M21	21 28	13 51	3 42	25 8	1 50	20 13	2 9	6 42	0 50	12 44	1 15	22 58	0 22	24 4	0 30	20 32	1 12	26 52	16 30	0 26	0 47	15 4		n.a.
T 22	21 17	16 8	4 20	25 2	1 53	20 26	2 6	6 56	0 51	12 39	1 15	22 57	0 22	24 4	0 30	20 32	1 12	26 51	16 30	0 24	0 46	15 5		n.a.
W23	21 6	17 46	4 47	24 54	1 56	20 39	2 2	7 10	0 51	12 34	1 15	22 57	0 22	24 4	0 30	20 33	1 12	26 51	16 30	0 20	0 44	15 7		n.a.
T 24	20 54	18 36	5 1	24 44	1 58	20 51	1 58	7 23	0 52	12 30	1 15	22 57	0 22	24 5	0 30	20 33	1 12	26 50	16 30	0 16	0 43	15 8		n.a.
F 25	20 42	18 36	5 2	24 33	2 0	21 2	1 55	7 37	0 52	12 25	1 14	22 57	0 22	24 5	0 30	20 33	1 12	26 49	16 29	0 12	0 42	15 9		n.a.
S 26	20 29	17 43	4 48	24 19	2 1	21 13	1 51	7 50	0 53	12 20	1 14	22 57	0 22	24 5	0 30	20 33	1 12	26 49	16 29	0 7	0 40	15 10		n.a.
S 27	20 16	15 57	4 21	24 4	2 2	21 24	1 47	8 4	0 54	12 15	1 14	22 57	0 21	24 5	0 30	20 34	1 12	26 48	16 29	0 3	0 39	15 11		n.a.
M28	20 3	13 22	3 39	23 47	2 3	21 34	1 44	8 18	0 54	12 10	1 14	22 57	0 21	24 5	0 30	20 34	1 12	26 47	16 29	0n 1	0 38	15 12		n.a.
T 29	19 49	10 4	2 45	23 29	2 3	21 43	1 40	8 31	0 55	12 5	1 14	22 57	0 21	24 5	0 30	20 34	1 12	26 47	16 29	0 4	0 37	15 13		n.a.
W30	19 35	6 13	1 42	23 8	2 3	21 52	1 36	8 45	0 55	12 0	1 14	22 56	0 21	24 5	0 30	20 34	1 12	26 46	16 29	0 6	0 35	15 14		n.a.
T 31	19 s20	2 s 0	0n32	22 s45	2 s 2	22 s 0	1n32	8n58	0n56	11 s55	1 s14	22n56	0 s21	24n 5	0n30	20 s35	1n12	26 s45	16 s28	0n 6	0 s34	15 s15		n.a.

Julian Day Number = 1485106.5, Delta T = 05h19m25s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'33, Lahiri = -12°53'32 Julian Calendar 1 Jan. 647 BCE == Greg. Calendar 25 Dec. 648 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

FEBRUARY 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 15 33	5♒45'53	7♈27	0♒15	23♐20	21♈ 3	2♓37	18°R43	6°R45	6♐55	0♓28	29♍44	1♎21	25♏ 6	n.a.	F 1
S 2	8 19 30	6°45'50	21°15	2° 6	24°30	21°37	2°50	18♊41	6♋43	6°56	0°29	29°45	1°18	25°13	n.a.	S 2
S 3	8 23 26	7°45'44	5♉13	3°58	25°40	22°11	3° 4	18°38	6°40	6°58	0°31	29°R46	1°15	25°19	n.a.	S 3
M 4	8 27 23	8°45'37	19°21	5°51	26°50	22°46	3°18	18°36	6°38	6°59	0°32	29°45	1°12	25°26	n.a.	M 4
T 5	8 31 19	9°45'27	3♊37	7°45	28° 0	23°20	3°32	18°34	6°36	7° 0	0°33	29°43	1° 9	25°33	n.a.	T 5
W 6	8 35 16	10°45'14	18° 0	9°40	29°10	23°54	3°45	18°32	6°34	7° 2	0°35	29°38	1° 5	25°40	n.a.	W 6
T 7	8 39 12	11°44'59	2♋25	11°36	0♌20	24°29	3°59	18°30	6°32	7° 3	0°36	29°32	1° 2	25°46	n.a.	T 7
F 8	8 43 9	12°44'42	16°47	13°33	1°30	25° 3	4°13	18°28	6°30	7° 4	0°38	29°24	0°59	25°53	n.a.	F 8
S 9	8 47 6	13°44'23	1♌ 0	15°31	2°41	25°38	4°27	18°26	6°28	7° 5	0°39	29°17	0°56	26° 0	n.a.	S 9
S 10	8 51 2	14°44'01	15° 0	17°29	3°51	26°12	4°41	18°24	6°26	7° 6	0°40	29°10	0°53	26° 6	n.a.	S 10
M11	8 54 59	15°43'37	28°40	19°28	5° 1	26°47	4°55	18°23	6°25	7° 7	0°42	29° 5	0°49	26°13	n.a.	M11
T 12	8 58 55	16°43'12	12♍ 0	21°28	6°12	27°21	5° 9	18°21	6°23	7° 9	0°43	29° 1	0°46	26°20	n.a.	T 12
W13	9 2 52	17°42'44	24°58	23°28	7°22	27°56	5°23	18°20	6°21	7°10	0°45	29°D 0	0°43	26°26	n.a.	W13
T 14	9 6 48	18°42'14	7♎36	25°28	8°33	28°31	5°37	18°19	6°19	7°11	0°46	29° 0	0°40	26°33	n.a.	T 14
F 15	9 10 45	19°41'42	19°55	27°28	9°44	29° 6	5°51	18°18	6°17	7°12	0°48	29° 1	0°37	26°40	n.a.	F 15
S 16	9 14 41	20°41'08	2♏ 0	29°28	10°54	29°40	6° 5	18°17	6°16	7°13	0°49	29° 3	0°34	26°47	n.a.	S 16
S 17	9 18 38	21°40'32	13°56	1♓27	12° 5	0♉15	6°20	18°16	6°14	7°13	0°51	29° 4	0°30	26°53	n.a.	S 17
M18	9 22 34	22°39'55	25°48	3°24	13°16	0°50	6°34	18°15	6°13	7°14	0°52	29°R 5	0°27	27° 0	n.a.	M18
T 19	9 26 31	23°39'16	7♐40	5°21	14°27	1°25	6°48	18°14	6°11	7°15	0°54	29° 3	0°24	27° 7	n.a.	T 19
W20	9 30 28	24°38'34	19°38	7°16	15°38	2° 0	7° 2	18°14	6°10	7°16	0°55	29° 1	0°21	27°13	n.a.	W20
T 21	9 34 24	25°37'51	1♑45	9° 9	16°49	2°35	7°16	18°13	6° 8	7°17	0°56	28°57	0°18	27°20	n.a.	T 21
F 22	9 38 21	26°37'06	14° 5	10°59	18° 0	3°10	7°31	18°13	6° 7	7°18	0°58	28°52	0°14	27°27	n.a.	F 22
S 23	9 42 17	27°36'19	26°42	12°46	19°11	3°46	7°45	18°12	6° 5	7°18	0°59	28°46	0°11	27°33	n.a.	S 23
S 24	9 46 14	28°35'30	9♒35	14°30	20°22	4°21	7°59	18°12	6° 4	7°19	1° 1	28°41	0° 8	27°40	n.a.	S 24
M25	9 50 10	29°34'38	22°46	16°10	21°33	4°56	8°14	18°D12	6° 3	7°20	1° 2	28°37	0° 5	27°47	n.a.	M25
T 26	9 54 7	0♓33'45	6♓13	17°45	22°44	5°31	8°28	18°12	6° 2	7°20	1° 4	28°34	0° 2	27°54	n.a.	T 26
W27	9 58 3	1°32'49	19°55	19°17	23°55	6° 7	8°42	18°13	6° 0	7°21	1° 5	28°32	29♍59	28° 0	n.a.	W27
T 28	10 2 0	2♓31'51	3♈48	20♓43	25♑ 7	6♉42	8♓57	18♊13	5♋59	7♐22	1♓ 7	28°D32	29♍55	28♏ 7	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 5	2n22	0s41	22s20	2s 1	22s 8	1n29	9n12	0n56	11s50	1s14	22n56	0s21	24n 6	0n30	20s35	1n12	26s45	16s28	0n 6	0s33	15s16		n.a.
S 2	18 50	6 39	1 53	21 54	1 59	22 15	1 25	9 25	0 57	11 45	1 14	22 56	0 21	24 6	0 30	20 35	1 12	26 44	16 28	0 6	0 31	15 18		n.a.
S 3	18 35	10 38	2 59	21 25	1 57	22 21	1 21	9 38	0 57	11 40	1 14	22 56	0 21	24 6	0 30	20 35	1 12	26 44	16 28	0 6	0 30	15 19		n.a.
M 4	18 19	14 3	3 55	20 54	1 54	22 27	1 17	9 52	0 58	11 35	1 14	22 56	0 20	24 6	0 30	20 35	1 12	26 43	16 28	0 6	0 29	15 20		n.a.
T 5	18 3	16 39	4 36	20 22	1 50	22 32	1 13	10 5	0 58	11 30	1 14	22 56	0 20	24 6	0 30	20 36	1 12	26 42	16 28	0 7	0 28	15 21		n.a.
W 6	17 47	18 13	5 1	19 47	1 47	22 37	1 9	10 19	0 59	11 24	1 13	22 56	0 20	24 6	0 30	20 36	1 12	26 42	16 28	0 9	0 26	15 22		n.a.
T 7	17 30	18 38	5 7	19 11	1 42	22 41	1 5	10 32	0 59	11 19	1 13	22 56	0 20	24 6	0 30	20 36	1 12	26 41	16 28	0 11	0 25	15 23		n.a.
F 8	17 13	17 51	4 54	18 32	1 37	22 44	1 2	10 45	1 0	11 14	1 13	22 56	0 20	24 6	0 30	20 36	1 12	26 40	16 27	0 14	0 24	15 24		n.a.
S 9	16 56	15 57	4 22	17 52	1 31	22 47	0 58	10 58	1 0	11 9	1 13	22 56	0 20	24 6	0 30	20 36	1 12	26 40	16 27	0 17	0 22	15 25		n.a.
S 10	16 38	13 8	3 35	17 9	1 25	22 49	0 54	11 12	1 1	11 4	1 13	22 56	0 20	24 6	0 30	20 36	1 12	26 39	16 27	0 20	0 21	15 26		n.a.
M11	16 21	9 39	2 37	16 25	1 18	22 50	0 50	11 25	1 1	10 58	1 13	22 56	0 19	24 7	0 30	20 37	1 13	26 38	16 27	0 22	0 20	15 27		n.a.
T 12	16 2	5 45	1 31	15 39	1 11	22 51	0 46	11 38	1 2	10 53	1 13	22 56	0 19	24 7	0 30	20 37	1 13	26 38	16 27	0 24	0 19	15 28		n.a.
W13	15 44	1 42	0 22	14 52	1 2	22 51	0 42	11 51	1 2	10 48	1 13	22 56	0 19	24 7	0 30	20 37	1 13	26 37	16 27	0 24	0 17	15 29		n.a.
T 14	15 26	2s20	0n47	14 3	0 54	22 51	0 39	12 4	1 2	10 42	1 13	22 56	0 19	24 7	0 30	20 37	1 13	26 37	16 27	0 24	0 16	15 30		n.a.
F 15	15 7	6 11	1 51	13 13	0 44	22 50	0 35	12 17	1 3	10 37	1 13	22 56	0 19	24 7	0 30	20 37	1 13	26 36	16 27	0 24	0 15	15 31		n.a.
S 16	14 48	9 41	2 50	12 22	0 35	22 48	0 31	12 30	1 3	10 32	1 13	22 56	0 19	24 7	0 30	20 37	1 13	26 35	16 27	0 23	0 14	15 33		n.a.
S 17	14 28	12 44	3 40	11 29	0 24	22 45	0 27	12 42	1 4	10 26	1 13	22 56	0 19	24 7	0 30	20 37	1 13	26 35	16 27	0 22	0 12	15 34		n.a.
M18	14 9	15 15	4 21	10 36	0 13	22 42	0 24	12 55	1 4	10 21	1 13	22 56	0 18	24 7	0 30	20 38	1 13	26 34	16 27	0 22	0 11	15 35		n.a.
T 19	13 49	17 7	4 50	9 43	0 2	22 39	0 20	13 8	1 4	10 16	1 13	22 56	0 18	24 7	0 30	20 38	1 13	26 34	16 27	0 23	0 10	15 36		n.a.
W20	13 29	18 15	5 8	8 49	0n10	22 34	0 16	13 21	1 5	10 10	1 13	22 56	0 18	24 7	0 30	20 38	1 13	26 33	16 27	0 24	0 8	15 37		n.a.
T 21	13 9	18 34	5 11	7 55	0 22	22 29	0 13	13 33	1 5	10 5	1 13	22 56	0 18	24 7	0 30	20 38	1 13	26 32	16 27	0 26	0 7	15 38		n.a.
F 22	12 49	18 2	5 1	7 2	0 34	22 23	0 9	13 46	1 5	9 59	1 13	22 57	0 18	24 7	0 30	20 38	1 13	26 32	16 27	0 28	0 6	15 39		n.a.
S 23	12 28	16 36	4 36	6 9	0 46	22 17	0 6	13 58	1 6	9 54	1 13	22 57	0 18	24 7	0 30	20 38	1 13	26 31	16 27	0 30	0 5	15 40		n.a.
S 24	12 8	14 18	3 56	5 17	0 59	22 10	0 2	14 11	1 6	9 49	1 13	22 57	0 18	24 7	0 30	20 38	1 13	26 31	16 27	0 32	0 3	15 41		n.a.
M25	11 47	11 14	3 3	4 26	1 11	22 2	0s 1	14 23	1 6	9 43	1 13	22 57	0 18	24 7	0 30	20 38	1 13	26 30	16 27	0 34	0 2	15 42		n.a.
T 26	11 26	7 30	1 59	3 37	1 24	21 54	0 5	14 35	1 7	9 38	1 13	22 57	0 17	24 7	0 30	20 38	1 13	26 30	16 27	0 35	0 1	15 43		n.a.
W27	11 4	3 20	0 47	2 50	1 36	21 45	0 8	14 48	1 7	9 32	1 13	22 57	0 17	24 7	0 30	20 38	1 13	26 29	16 27	0 35	0n 1	15 44		n.a.
T 28	10s43	1n 5	0s29	2s 4	1n48	21s36	0s11	15n 0	1n 7	9s27	1s13	22n57	0s17	24n 8	0n30	20s38	1n13	26s28	16s27	0n35	0n 2	15s45		n.a.

Julian Day Number = 1485137.5, Delta T = 05h19m23s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'29, Lahiri = -12°53'28 Julian Calendar 1 Feb. 647 BCE == Greg. Calendar 25 Jan. 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

MARCH 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 5 57	3♓30'51	17♈51	22♓ 4	26♉18	7♉17	9♓11	18♊13	5°R58	7♐22	1♓ 8	28♍33	29♍52	28♏14	n.a.	F 1
S 2	10 9 53	4°29'48	1♉59	23°20	27°29	7°53	9°25	18°14	5♋57	7°23	1°10	28°34	29°49	28°20	n.a.	S 2
S 3	10 13 50	5°28'43	16°10	24°30	28°41	8°28	9°40	18°14	5°56	7°23	1°11	28°36	29°46	28°27	n.a.	S 3
M 4	10 17 46	6°27'36	0♊23	25°34	29°52	9° 4	9°54	18°15	5°55	7°24	1°13	28°R37	29°43	28°34	n.a.	M 4
T 5	10 21 43	7°26'26	14°35	26°33	1♒ 4	9°39	10° 8	18°16	5°54	7°24	1°14	28°36	29°40	28°41	n.a.	T 5
W 6	10 25 39	8°25'14	28°43	27°25	2°15	10°15	10°23	18°17	5°54	7°24	1°16	28°35	29°36	28°47	n.a.	W 6
T 7	10 29 36	9°24'00	12♋46	28°10	3°26	10°50	10°37	18°18	5°53	7°25	1°17	28°34	29°33	28°54	n.a.	T 7
F 8	10 33 32	10°22'43	26°40	28°49	4°38	11°26	10°51	18°19	5°52	7°25	1°19	28°31	29°30	29° 1	n.a.	F 8
S 9	10 37 29	11°21'23	10♌25	29°22	5°49	12° 2	11° 6	18°20	5°52	7°25	1°20	28°29	29°27	29° 7	n.a.	S 9
S 10	10 41 25	12°20'02	23°57	29°48	7° 1	12°37	11°20	18°22	5°51	7°26	1°22	28°27	29°24	29°14	n.a.	S 10
M11	10 45 22	13°18'38	7♍14	0♈ 8	8°13	13°13	11°35	18°23	5°50	7°26	1°23	28°25	29°20	29°21	n.a.	M11
T 12	10 49 19	14°17'12	20°15	0°21	9°24	13°49	11°49	18°25	5°50	7°26	1°24	28°24	29°17	29°27	n.a.	T 12
W13	10 53 15	15°15'44	3♎ 1	0°28	10°36	14°24	12° 3	18°27	5°49	7°26	1°26	28°D24	29°14	29°34	n.a.	W13
T 14	10 57 12	16°14'15	15°30	0°R29	11°48	15° 0	12°18	18°28	5°49	7°26	1°27	28°25	29°11	29°41	n.a.	T 14
F 15	11 1 8	17°12'43	27°46	0°24	12°59	15°36	12°32	18°30	5°49	7°26	1°29	28°26	29° 8	29°48	n.a.	F 15
S 16	11 5 5	18°11'09	9♏51	0°12	14°11	16°12	12°46	18°32	5°48	7°26	1°30	28°27	29° 5	29°54	n.a.	S 16
S 17	11 9 1	19° 9'34	21°48	29♓56	15°23	16°47	13° 1	18°34	5°48	7°R26	1°32	28°28	29° 1	0♐ 1	n.a.	S 17
M18	11 12 58	20° 7'57	3♐40	29°34	16°35	17°23	13°15	18°37	5°48	7°26	1°33	28°28	28°58	0° 8	n.a.	M18
T 19	11 16 54	21° 6'18	15°33	29° 8	17°46	17°59	13°29	18°39	5°48	7°26	1°34	28°29	28°55	0°14	n.a.	T 19
W20	11 20 51	22° 4'38	27°31	28°39	18°58	18°35	13°43	18°41	5°48	7°26	1°36	28°R29	28°52	0°21	n.a.	W20
T 21	11 24 48	23° 2'56	9♑39	28° 5	20°10	19°11	13°58	18°44	5°D48	7°26	1°37	28°28	28°49	0°28	n.a.	T 21
F 22	11 28 44	24° 1'12	22° 0	27°29	21°22	19°47	14°12	18°47	5°48	7°26	1°39	28°28	28°45	0°34	n.a.	F 22
S 23	11 32 41	24°59'27	4♒39	26°51	22°34	20°23	14°26	18°49	5°48	7°26	1°40	28°28	28°42	0°41	n.a.	S 23
S 24	11 36 37	25°57'40	17°38	26°11	23°46	20°59	14°40	18°52	5°48	7°26	1°41	28°27	28°39	0°48	n.a.	S 24
M25	11 40 34	26°55'51	0♓59	25°31	24°58	21°35	14°55	18°55	5°48	7°25	1°43	28°27	28°36	0°55	n.a.	M25
T 26	11 44 30	27°54'01	14°42	24°51	26°10	22°11	15° 9	18°58	5°48	7°25	1°44	28°27	28°33	1° 1	n.a.	T 26
W27	11 48 27	28°52'08	28°45	24°12	27°22	22°47	15°23	19° 1	5°49	7°25	1°45	28°27	28°30	1° 8	n.a.	W27
T 28	11 52 23	29°50'14	13♈ 4	23°34	28°34	23°23	15°37	19° 4	5°49	7°24	1°47	28°27	28°26	1°15	n.a.	T 28
F 29	11 56 20	0♈48'18	27°34	22°59	29°46	23°59	15°51	19° 8	5°49	7°24	1°48	28°27	28°23	1°21	n.a.	F 29
S 30	12 0 16	1°46'20	12♉ 9	22°26	0♓58	24°35	16° 5	19°11	5°50	7°24	1°49	28°26	28°20	1°28	n.a.	S 30
S 31	12 4 13	2♈44'21	26♉44	21♓56	2♓10	25♉12	16♓19	19♊15	5♋50	7♐23	1♓51	28♍26	28♍17	1♐35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s21	5n30	1s44	1s21	2n 0	21s25	0s15	15n12	1n 8	9s21	1s13	22n57	0s17	24n 8	0n30	20s38	1n13	26s28	16s27	0n35	0n 3	15s46		n.a.
S 2	10 0	9 37	2 54	0 41	2 11	21 15	0 18	15 24	1 8	9 16	1 13	22 58	0 17	24 8	0 30	20 39	1 13	26 27	16 27	0 35	0 4	15 47		n.a.
S 3	9 38	13 11	3 53	0 3	2 22	21 3	0 21	15 36	1 8	9 10	1 12	22 58	0 17	24 8	0 30	20 39	1 13	26 27	16 27	0 34	0 6	15 48		n.a.
M 4	9 16	15 59	4 38	0n32	2 32	20 51	0 24	15 48	1 8	9 5	1 12	22 58	0 17	24 8	0 29	20 39	1 13	26 26	16 27	0 34	0 7	15 49		n.a.
T 5	8 54	17 48	5 6	1 4	2 41	20 39	0 27	15 59	1 9	8 59	1 12	22 58	0 16	24 8	0 29	20 39	1 13	26 26	16 27	0 34	0 8	15 50		n.a.
W 6	8 32	18 31	5 15	1 33	2 50	20 26	0 30	16 11	1 9	8 54	1 12	22 58	0 16	24 8	0 29	20 39	1 13	26 25	16 27	0 34	0 10	15 51		n.a.
T 7	8 9	18 5	5 5	1 58	2 57	20 12	0 33	16 23	1 9	8 48	1 12	22 59	0 16	24 8	0 29	20 39	1 13	26 25	16 27	0 35	0 11	15 52		n.a.
F 8	7 47	16 34	4 38	2 20	3 4	19 57	0 36	16 34	1 10	8 43	1 12	22 59	0 16	24 8	0 29	20 39	1 13	26 24	16 27	0 36	0 12	15 53		n.a.
S 9	7 24	14 6	3 55	2 38	3 10	19 43	0 39	16 46	1 10	8 37	1 12	22 59	0 16	24 8	0 29	20 39	1 13	26 24	16 27	0 37	0 13	15 54		n.a.
S 10	7 2	10 55	2 59	2 53	3 14	19 27	0 42	16 57	1 10	8 32	1 12	22 59	0 16	24 8	0 29	20 39	1 13	26 23	16 27	0 38	0 15	15 55		n.a.
M11	6 39	7 12	1 54	3 4	3 18	19 11	0 45	17 8	1 10	8 26	1 12	23 0	0 16	24 8	0 29	20 39	1 13	26 23	16 27	0 38	0 16	15 56		n.a.
T 12	6 16	3 14	0 45	3 11	3 20	18 55	0 48	17 19	1 11	8 20	1 12	23 0	0 16	24 8	0 29	20 39	1 13	26 22	16 27	0 39	0 17	15 57		n.a.
W13	5 53	0s49	0n25	3 15	3 20	18 38	0 50	17 30	1 11	8 15	1 13	23 0	0 15	24 8	0 29	20 39	1 13	26 22	16 27	0 39	0 19	15 58		n.a.
T 14	5 30	4 45	1 33	3 15	3 20	18 20	0 53	17 41	1 11	8 9	1 13	23 1	0 15	24 8	0 29	20 39	1 13	26 21	16 27	0 38	0 20	15 59		n.a.
F 15	5 7	8 24	2 36	3 11	3 18	18 2	0 55	17 52	1 11	8 4	1 13	23 1	0 15	24 8	0 29	20 39	1 13	26 21	16 27	0 38	0 21	16 0		n.a.
S 16	4 44	11 39	3 30	3 3	3 15	17 43	0 58	18 3	1 11	7 58	1 13	23 1	0 15	24 8	0 29	20 39	1 14	26 20	16 28	0 38	0 22	16 1		n.a.
S 17	4 21	14 22	4 15	2 52	3 10	17 24	1 0	18 14	1 12	7 53	1 13	23 1	0 15	24 8	0 29	20 39	1 14	26 20	16 28	0 37	0 24	16 2		n.a.
M18	3 58	16 28	4 48	2 38	3 3	17 5	1 2	18 24	1 12	7 47	1 13	23 2	0 15	24 8	0 29	20 39	1 14	26 20	16 28	0 37	0 25	16 3		n.a.
T 19	3 34	17 51	5 9	2 20	2 56	16 45	1 5	18 35	1 12	7 42	1 13	23 2	0 15	24 8	0 29	20 39	1 14	26 19	16 28	0 37	0 26	16 4		n.a.
W20	3 11	18 28	5 17	2 0	2 47	16 24	1 7	18 45	1 12	7 36	1 13	23 2	0 15	24 8	0 29	20 39	1 14	26 19	16 28	0 37	0 27	16 5		n.a.
T 21	2 48	18 15	5 11	1 36	2 36	16 3	1 9	18 55	1 12	7 31	1 13	23 3	0 14	24 8	0 29	20 39	1 14	26 18	16 28	0 37	0 29	16 6		n.a.
F 22	2 24	17 10	4 51	1 11	2 24	15 42	1 11	19 5	1 13	7 25	1 13	23 3	0 14	24 8	0 29	20 38	1 14	26 18	16 28	0 37	0 30	16 7		n.a.
S 23	2 1	15 13	4 16	0 44	2 11	15 20	1 13	19 15	1 13	7 19	1 13	23 3	0 14	24 8	0 29	20 38	1 14	26 18	16 28	0 37	0 31	16 8		n.a.
S 24	1 38	12 28	3 28	0 15	1 57	14 58	1 15	19 25	1 13	7 14	1 13	23 4	0 14	24 8	0 29	20 38	1 14	26 17	16 29	0 37	0 33	16 9		n.a.
M25	1 14	9 0	2 27	0s14	1 43	14 35	1 17	19 35	1 13	7 8	1 13	23 4	0 14	24 8	0 29	20 38	1 14	26 17	16 29	0 37	0 34	16 10		n.a.
T 26	0 51	4 57	1 16	0 45	1 27	14 12	1 18	19 45	1 13	7 3	1 13	23 5	0 14	24 8	0 29	20 38	1 14	26 16	16 29	0 38	0 35	16 11		n.a.
W27	0 27	0 32	0s 2	1 15	1 11	13 48	1 20	19 54	1 13	6 57	1 13	23 5	0 14	24 8	0 29	20 38	1 14	26 16	16 29	0 38	0 36	16 12		n.a.
T 28	0 4	4n 0	1 20	1 45	0 55	13 25	1 22	20 4	1 14	6 52	1 13	23 5	0 14	24 8	0 29	20 38	1 14	26 16	16 29	0 38	0 38	16 13		n.a.
F 29	0n19	8 21	2 35	2 15	0 38	13 0	1 23	20 13	1 14	6 46	1 13	23 6	0 13	24 7	0 29	20 38	1 14	26 15	16 29	0 38	0 39	16 14		n.a.
S 30	0 43	12 13	3 39	2 43	0 21	12 36	1 25	20 22	1 14	6 41	1 13	23 6	0 13	24 7	0 29	20 38	1 14	26 15	16 30	0 38	0 40	16 15		n.a.
S 31	1n 6	15n19	4s30	3s10	0n 5	12s11	1s26	20n31	1n14	6s35	1s13	23n 7	0s13	24n 7	0n29	20s38	1n14	26s15	16s30	0n38	0n42	16s16		n.a.

Julian Day Number = 1485165.5, Delta T = 05h19m22s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'25, Lahiri = -12°53'24 Julian Calendar 1 March 647 BCE == Greg. Calendar 22 Feb. 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

APRIL 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 8 10	3♈42'19	11♊12	21°R30	3♓22	25♉48	16♓33	19♊18	5♋51	7°R23	1♓52	28°R26	28♍14	1♐42	n.a.	M 1
T 2	12 12 6	4°40'15	25°31	21♓ 8	4°34	26°24	16°47	19°22	5°52	7♐22	1°53	28♍25	28°11	1°48	n.a.	T 2
W 3	12 16 3	5°38'10	9♋37	20°50	5°47	27° 0	17° 1	19°26	5°52	7°22	1°55	28°D25	28° 7	1°55	n.a.	W 3
T 4	12 19 59	6°36'02	23°28	20°36	6°59	27°36	17°15	19°29	5°53	7°21	1°56	28°26	28° 4	2° 2	n.a.	T 4
F 5	12 23 56	7°33'53	7♌ 4	20°27	8°11	28°13	17°29	19°33	5°54	7°20	1°57	28°26	28° 1	2° 8	n.a.	F 5
S 6	12 27 52	8°31'41	20°26	20°D22	9°23	28°49	17°43	19°37	5°55	7°20	1°58	28°27	27°58	2°15	n.a.	S 6
S 7	12 31 49	9°29'28	3♍33	20°23	10°35	29°25	17°57	19°42	5°55	7°19	2° 0	28°28	27°55	2°22	n.a.	S 7
M 8	12 35 45	10°27'13	16°26	20°27	11°47	0♊ 1	18°11	19°46	5°56	7°19	2° 1	28°29	27°51	2°29	n.a.	M 8
T 9	12 39 42	11°24'56	29° 7	20°37	13° 0	0°38	18°25	19°50	5°57	7°18	2° 2	28°R29	27°48	2°35	n.a.	T 9
W10	12 43 39	12°22'38	11♎35	20°51	14°12	1°14	18°38	19°54	5°58	7°17	2° 3	28°29	27°45	2°42	n.a.	W10
T 11	12 47 35	13°20'18	23°53	21°10	15°24	1°50	18°52	19°59	6° 0	7°16	2° 4	28°27	27°42	2°49	n.a.	T 11
F 12	12 51 32	14°17'57	6♏ 1	21°33	16°36	2°27	19° 6	20° 3	6° 1	7°16	2° 5	28°26	27°39	2°55	n.a.	F 12
S 13	12 55 28	15°15'34	18° 2	22° 0	17°49	3° 3	19°19	20° 8	6° 2	7°15	2° 7	28°23	27°36	3° 2	n.a.	S 13
S 14	12 59 25	16°13'10	29°57	22°31	19° 1	3°40	19°33	20°13	6° 3	7°14	2° 8	28°20	27°32	3° 9	n.a.	S 14
M15	13 3 21	17°10'45	11♐49	23° 7	20°13	4°16	19°46	20°17	6° 4	7°13	2° 9	28°18	27°29	3°15	n.a.	M15
T 16	13 7 18	18° 8'19	23°42	23°46	21°26	4°52	20° 0	20°22	6° 6	7°12	2°10	28°16	27°26	3°22	n.a.	T 16
W17	13 11 14	19° 5'52	5♑39	24°29	22°38	5°29	20°13	20°27	6° 7	7°11	2°11	28°14	27°23	3°29	n.a.	W17
T 18	13 15 11	20° 3'24	17°45	25°16	23°51	6° 5	20°27	20°32	6° 9	7°10	2°12	28°D13	27°20	3°36	n.a.	T 18
F 19	13 19 7	21° 0'55	0♒ 4	26° 7	25° 3	6°42	20°40	20°37	6°10	7° 9	2°13	28°14	27°16	3°42	n.a.	F 19
S 20	13 23 4	21°58'24	12°40	27° 0	26°15	7°18	20°53	20°43	6°12	7° 8	2°14	28°15	27°13	3°49	n.a.	S 20
S 21	13 27 1	22°55'53	25°38	27°58	27°28	7°55	21° 6	20°48	6°13	7° 7	2°15	28°16	27°10	3°56	n.a.	S 21
M22	13 30 57	23°53'21	9♓ 1	28°58	28°40	8°31	21°20	20°53	6°15	7° 6	2°16	28°17	27° 7	4° 2	n.a.	M22
T 23	13 34 54	24°50'48	22°49	0♈ 2	29°53	9° 8	21°33	20°58	6°16	7° 5	2°17	28°R18	27° 4	4° 9	n.a.	T 23
W24	13 38 50	25°48'14	7♈ 3	1° 8	1♈ 5	9°45	21°46	21° 4	6°18	7° 4	2°18	28°18	27° 1	4°16	n.a.	W24
T 25	13 42 47	26°45'39	21°39	2°18	2°18	10°21	21°59	21° 9	6°20	7° 3	2°19	28°17	26°57	4°23	n.a.	T 25
F 26	13 46 43	27°43'03	6♉30	3°30	3°30	10°58	22°12	21°15	6°22	7° 2	2°20	28°14	26°54	4°29	n.a.	F 26
S 27	13 50 40	28°40'25	21°30	4°46	4°43	11°34	22°25	21°21	6°24	7° 1	2°21	28°10	26°51	4°36	n.a.	S 27
S 28	13 54 36	29°37'47	6♊29	6° 4	5°56	12°11	22°37	21°26	6°26	6°59	2°22	28° 6	26°48	4°43	n.a.	S 28
M29	13 58 33	0♉35'08	21°19	7°25	7° 8	12°48	22°50	21°32	6°28	6°58	2°23	28° 2	26°45	4°49	n.a.	M29
T 30	14 2 30	1♉32'27	5♋53	8♈49	8♈21	13♊24	23♓ 3	21♊38	6♋30	6♐57	2♓24	27♍58	26♍42	4♐56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n30	17n26	5s 3	3s36	0s12	11s46	1s28	20n40	1n14	6s30	1s13	23n 7	0s13	24n 7	0n29	20s38	1n14	26s14	16s30	0n38	0n43	16s16		n.a.
T 2	1 53	18 25	5 17	3 59	0 28	11 20	1 29	20 49	1 14	6 24	1 13	23 7	0 13	24 7	0 29	20 38	1 14	26 14	16 30	0 38	0 44	16 17		n.a.
W 3	2 16	18 15	5 11	4 21	0 43	10 55	1 30	20 58	1 14	6 19	1 13	23 8	0 13	24 7	0 29	20 37	1 14	26 14	16 30	0 38	0 45	16 18		n.a.
T 4	2 39	16 59	4 47	4 40	0 58	10 28	1 31	21 6	1 15	6 13	1 13	23 8	0 13	24 7	0 29	20 37	1 14	26 13	16 30	0 38	0 47	16 19		n.a.
F 5	3 2	14 46	4 8	4 57	1 13	10 2	1 32	21 15	1 15	6 8	1 13	23 9	0 13	24 7	0 29	20 37	1 14	26 13	16 31	0 38	0 48	16 20		n.a.
S 6	3 26	11 47	3 16	5 11	1 26	9 35	1 33	21 23	1 15	6 3	1 13	23 9	0 12	24 7	0 29	20 37	1 14	26 13	16 31	0 37	0 49	16 21		n.a.
S 7	3 49	8 16	2 14	5 23	1 39	9 9	1 34	21 31	1 15	5 57	1 13	23 10	0 12	24 7	0 29	20 37	1 14	26 13	16 31	0 37	0 51	16 22		n.a.
M 8	4 12	4 25	1 6	5 32	1 51	8 41	1 35	21 39	1 15	5 52	1 14	23 10	0 12	24 7	0 29	20 37	1 14	26 12	16 31	0 37	0 52	16 23		n.a.
T 9	4 35	0 25	0n 3	5 38	2 2	8 14	1 35	21 47	1 15	5 46	1 14	23 10	0 12	24 7	0 29	20 37	1 14	26 12	16 32	0 37	0 53	16 24		n.a.
W10	4 57	3s33	1 12	5 42	2 13	7 46	1 36	21 55	1 15	5 41	1 14	23 11	0 12	24 7	0 29	20 36	1 14	26 12	16 32	0 37	0 54	16 25		n.a.
T 11	5 20	7 17	2 16	5 43	2 22	7 19	1 37	22 3	1 15	5 36	1 14	23 11	0 12	24 7	0 29	20 36	1 14	26 12	16 32	0 37	0 56	16 26		n.a.
F 12	5 43	10 41	3 13	5 42	2 31	6 51	1 37	22 10	1 15	5 30	1 14	23 12	0 12	24 7	0 29	20 36	1 14	26 11	16 32	0 38	0 57	16 27		n.a.
S 13	6 5	13 35	4 1	5 38	2 38	6 22	1 37	22 17	1 15	5 25	1 14	23 12	0 12	24 7	0 29	20 36	1 14	26 11	16 33	0 39	0 58	16 28		n.a.
S 14	6 28	15 54	4 37	5 32	2 45	5 54	1 38	22 25	1 16	5 20	1 14	23 13	0 12	24 7	0 29	20 36	1 14	26 11	16 33	0 40	0 59	16 29		n.a.
M15	6 50	17 32	5 2	5 23	2 51	5 25	1 38	22 32	1 16	5 14	1 14	23 13	0 11	24 6	0 29	20 36	1 14	26 11	16 33	0 41	1 1	16 29		n.a.
T 16	7 13	18 23	5 14	5 12	2 56	4 57	1 38	22 39	1 16	5 9	1 14	23 14	0 11	24 6	0 29	20 36	1 14	26 11	16 33	0 42	1 2	16 30		n.a.
W17	7 35	18 27	5 12	4 58	3 0	4 28	1 38	22 45	1 16	5 4	1 14	23 14	0 11	24 6	0 29	20 35	1 14	26 11	16 34	0 43	1 3	16 31		n.a.
T 18	7 57	17 40	4 57	4 43	3 4	3 59	1 38	22 52	1 16	4 58	1 14	23 15	0 11	24 6	0 29	20 35	1 14	26 10	16 34	0 43	1 5	16 32		n.a.
F 19	8 19	16 3	4 28	4 25	3 6	3 30	1 38	22 58	1 16	4 53	1 14	23 15	0 11	24 6	0 29	20 35	1 14	26 10	16 34	0 43	1 6	16 33		n.a.
S 20	8 40	13 38	3 45	4 5	3 8	3 0	1 38	23 5	1 16	4 48	1 15	23 16	0 11	24 6	0 29	20 35	1 14	26 10	16 34	0 42	1 7	16 34		n.a.
S 21	9 2	10 29	2 50	3 43	3 9	2 31	1 38	23 11	1 16	4 43	1 15	23 16	0 11	24 6	0 29	20 35	1 14	26 10	16 35	0 42	1 8	16 35		n.a.
M22	9 24	6 42	1 44	3 19	3 10	2 2	1 38	23 17	1 16	4 38	1 15	23 16	0 11	24 6	0 29	20 34	1 14	26 10	16 35	0 41	1 10	16 36		n.a.
T 23	9 45	2 26	0 30	2 53	3 9	1 32	1 37	23 23	1 16	4 33	1 15	23 17	0 11	24 6	0 29	20 34	1 15	26 10	16 35	0 41	1 11	16 37		n.a.
W24	10 6	2n 6	0s48	2 25	3 8	1 2	1 37	23 28	1 16	4 27	1 15	23 17	0 10	24 6	0 29	20 34	1 15	26 10	16 36	0 41	1 12	16 38		n.a.
T 25	10 27	6 38	2 4	1 55	3 6	0 33	1 37	23 34	1 16	4 22	1 15	23 18	0 10	24 6	0 29	20 34	1 15	26 10	16 36	0 42	1 14	16 38		n.a.
F 26	10 48	10 49	3 14	1 24	3 4	0 3	1 36	23 39	1 16	4 17	1 15	23 18	0 10	24 5	0 29	20 34	1 15	26 9	16 36	0 43	1 15	16 39		n.a.
S 27	11 9	14 21	4 11	0 50	3 1	0n27	1 36	23 45	1 16	4 12	1 15	23 19	0 10	24 5	0 29	20 33	1 15	26 9	16 36	0 44	1 16	16 40		n.a.
S 28	11 30	16 55	4 50	0 15	2 57	0 56	1 35	23 50	1 16	4 7	1 15	23 19	0 10	24 5	0 29	20 33	1 15	26 9	16 37	0 46	1 17	16 41		n.a.
M29	11 50	18 20	5 10	0n21	2 52	1 26	1 34	23 55	1 16	4 2	1 16	23 20	0 10	24 5	0 29	20 33	1 15	26 9	16 37	0 48	1 19	16 42		n.a.
T 30	12n10	18n29	5s 9	0n59	2s47	1n56	1s33	23n59	1n16	3s57	1s16	23n20	0s10	24n 5	0n29	20s33	1n15	26s 9	16s37	0n49	1n20	16s43		n.a.

Julian Day Number = 1485196.5, Delta T = 05h19m21s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'21, Lahiri = -12°53'20 Julian Calendar 1 Apr. 647 BCE == Greg. Calendar 25 March 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

MAY 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 6 26	2♉29'45	20♋ 6	10♈15	9♈33	14♊ 1	23♓16	21♊44	6♋32	6°R56	2♓24	27°R56	26♍38	5♐ 3	n.a.	W 1
T 2	14 10 23	3°27'02	3♌57	11°45	10°46	14°38	23°28	21°50	6°34	6♐55	2°25	27°D56	26°35	5°10	n.a.	T 2
F 3	14 14 19	4°24'18	17°25	13°17	11°59	15°15	23°41	21°56	6°36	6°53	2°26	27♍56	26°32	5°16	n.a.	F 3
S 4	14 18 16	5°21'33	0♍34	14°51	13°11	15°51	23°53	22° 2	6°38	6°52	2°27	27°58	26°29	5°23	n.a.	S 4
S 5	14 22 12	6°18'46	13°24	16°28	14°24	16°28	24° 5	22° 8	6°40	6°51	2°28	27°59	26°26	5°30	n.a.	S 5
M 6	14 26 9	7°15'59	25°59	18° 8	15°37	17° 5	24°18	22°14	6°42	6°49	2°28	28°R 0	26°22	5°36	n.a.	M 6
T 7	14 30 5	8°13'11	8♎23	19°50	16°49	17°42	24°30	22°20	6°45	6°48	2°29	27°59	26°19	5°43	n.a.	T 7
W 8	14 34 2	9°10'21	20°36	21°35	18° 2	18°18	24°42	22°27	6°47	6°47	2°30	27°57	26°16	5°50	n.a.	W 8
T 9	14 37 59	10° 7'31	2♏42	23°23	19°15	18°55	24°54	22°33	6°49	6°45	2°31	27°53	26°13	5°57	n.a.	T 9
F 10	14 41 55	11° 4'41	14°42	25°13	20°28	19°32	25° 6	22°40	6°52	6°44	2°31	27°47	26°10	6° 3	n.a.	F 10
S 11	14 45 52	12° 1'50	26°37	27° 5	21°40	20° 9	25°18	22°46	6°54	6°42	2°32	27°39	26° 7	6°10	n.a.	S 11
S 12	14 49 48	12°58'58	8♐30	29° 0	22°53	20°46	25°30	22°52	6°57	6°41	2°33	27°31	26° 3	6°17	n.a.	S 12
M13	14 53 45	13°56'06	20°22	0♑58	24° 6	21°23	25°42	22°59	6°59	6°39	2°33	27°22	26° 0	6°23	n.a.	M13
T 14	14 57 41	14°53'14	2♑16	2°57	25°19	22° 0	25°53	23° 6	7° 2	6°38	2°34	27°15	25°57	6°30	n.a.	T 14
W15	15 1 38	15°50'21	14°14	4°59	26°32	22°37	26° 5	23°12	7° 5	6°37	2°34	27° 9	25°54	6°37	n.a.	W15
T 16	15 5 35	16°47'29	26°19	7° 2	27°45	23°14	26°16	23°19	7° 7	6°35	2°35	27° 5	25°51	6°44	n.a.	T 16
F 17	15 9 31	17°44'36	8♒36	9° 8	28°57	23°51	26°28	23°26	7°10	6°34	2°35	27° 2	25°48	6°50	n.a.	F 17
S 18	15 13 28	18°41'43	21° 9	11°14	0♉10	24°27	26°39	23°33	7°13	6°32	2°36	27°D 2	25°44	6°57	n.a.	S 18
S 19	15 17 24	19°38'50	4♓ 3	13°23	1°23	25° 4	26°50	23°39	7°15	6°31	2°36	27° 3	25°41	7° 4	n.a.	S 19
M20	15 21 21	20°35'56	17°20	15°32	2°36	25°42	27° 1	23°46	7°18	6°29	2°37	27° 4	25°38	7°10	n.a.	M20
T 21	15 25 17	21°33'03	1♈ 5	17°42	3°49	26°19	27°13	23°53	7°21	6°27	2°37	27°R 4	25°35	7°17	n.a.	T 21
W22	15 29 14	22°30'10	15°18	19°53	5° 2	26°56	27°23	24° 0	7°24	6°26	2°38	27° 3	25°32	7°24	n.a.	W22
T 23	15 33 10	23°27'17	29°57	22° 4	6°15	27°33	27°34	24° 7	7°27	6°24	2°38	26°59	25°28	7°31	n.a.	T 23
F 24	15 37 7	24°24'24	14♉58	24°15	7°28	28°10	27°45	24°14	7°30	6°23	2°38	26°53	25°25	7°37	n.a.	F 24
S 25	15 41 4	25°21'30	0♊11	26°25	8°41	28°47	27°56	24°21	7°33	6°21	2°39	26°46	25°22	7°44	n.a.	S 25
S 26	15 45 0	26°18'37	15°27	28°35	9°55	29°24	28° 6	24°28	7°36	6°20	2°39	26°37	25°19	7°51	n.a.	S 26
M27	15 48 57	27°15'44	0♋34	0♊45	11° 8	0♋ 1	28°17	24°36	7°39	6°18	2°40	26°28	25°16	7°57	n.a.	M27
T 28	15 52 53	28°12'50	15°23	2°53	12°21	0°38	28°27	24°43	7°42	6°16	2°40	26°21	25°13	8° 4	n.a.	T 28
W29	15 56 50	29° 9'57	29°48	5° 0	13°34	1°16	28°37	24°50	7°45	6°15	2°40	26°16	25° 9	8°11	n.a.	W29
T 30	16 0 46	0♊ 7'02	13♌45	7° 6	14°47	1°53	28°48	24°57	7°48	6°13	2°40	26°13	25° 6	8°18	n.a.	T 30
F 31	16 4 43	1♊ 4'08	27♌15	9♊11	16♉ 0	2♋30	28♓58	25♊ 5	7♋51	6♐12	2♓41	26°D12	25♍ 3	8♐24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	12n30	17n28	4s49	1n39	2s42	2n25	1s32	24n 4	1n16	3s52	1s16	23n21	0s10	24n 5	0n28	20s32	1n15	26s 9	16s38	0n50	1n21	16s44			n.a.
T 2	12 50	15 26	4 13	2 20	2 36	2 55	1 32	24 8	1 16	3 47	1 16	23 21	0 10	24 5	0 28	20 32	1 15	26 9	16 38	0 50	1 23	16 45			n.a.
F 3	13 10	12 36	3 23	3 2	2 29	3 25	1 31	24 12	1 16	3 42	1 16	23 22	0 10	24 5	0 28	20 32	1 15	26 9	16 38	0 50	1 24	16 45			n.a.
S 4	13 29	9 11	2 24	3 46	2 21	3 54	1 30	24 17	1 17	3 37	1 16	23 22	0 9	24 5	0 28	20 32	1 15	26 9	16 39	0 49	1 25	16 46			n.a.
S 5	13 49	5 24	1 19	4 31	2 14	4 24	1 28	24 20	1 17	3 33	1 16	23 23	0 9	24 4	0 28	20 32	1 15	26 9	16 39	0 49	1 26	16 47			n.a.
M 6	14 8	1 27	0 11	5 17	2 5	4 53	1 27	24 24	1 17	3 28	1 16	23 23	0 9	24 4	0 28	20 31	1 15	26 9	16 39	0 48	1 28	16 48			n.a.
T 7	14 26	2s31	0n56	6 4	1 57	5 23	1 26	24 28	1 17	3 23	1 17	23 24	0 9	24 4	0 28	20 31	1 15	26 9	16 40	0 49	1 29	16 49			n.a.
W 8	14 45	6 19	2 0	6 52	1 47	5 52	1 25	24 31	1 17	3 18	1 17	23 24	0 9	24 4	0 28	20 31	1 15	26 9	16 40	0 50	1 30	16 50			n.a.
T 9	15 3	9 49	2 57	7 42	1 38	6 21	1 23	24 34	1 17	3 14	1 17	23 25	0 9	24 4	0 28	20 31	1 15	26 9	16 40	0 51	1 31	16 51			n.a.
F 10	15 21	12 53	3 46	8 32	1 28	6 50	1 22	24 37	1 17	3 9	1 17	23 25	0 9	24 4	0 28	20 30	1 15	26 9	16 41	0 54	1 33	16 51			n.a.
S 11	15 39	15 23	4 24	9 22	1 18	7 19	1 21	24 40	1 17	3 4	1 17	23 26	0 9	24 4	0 28	20 30	1 15	26 9	16 41	0 57	1 34	16 52			n.a.
S 12	15 57	17 14	4 51	10 14	1 7	7 48	1 19	24 43	1 17	3 0	1 17	23 26	0 9	24 3	0 28	20 30	1 15	26 9	16 41	1 0	1 35	16 53			n.a.
M13	16 14	18 21	5 5	11 5	0 57	8 16	1 17	24 45	1 17	2 55	1 17	23 26	0 8	24 3	0 28	20 30	1 15	26 10	16 42	1 3	1 37	16 54			n.a.
T 14	16 32	18 39	5 6	11 57	0 46	8 45	1 16	24 48	1 16	2 50	1 18	23 27	0 8	24 3	0 28	20 29	1 15	26 10	16 42	1 7	1 38	16 55			n.a.
W15	16 48	18 8	4 54	12 49	0 35	9 13	1 14	24 50	1 16	2 46	1 18	23 27	0 8	24 3	0 28	20 29	1 15	26 10	16 42	1 9	1 39	16 56			n.a.
T 16	17 5	16 47	4 29	13 41	0 24	9 41	1 13	24 52	1 16	2 41	1 18	23 28	0 8	24 3	0 28	20 29	1 15	26 10	16 43	1 11	1 40	16 56			n.a.
F 17	17 21	14 39	3 51	14 32	0 13	10 9	1 11	24 54	1 16	2 37	1 18	23 28	0 8	24 3	0 28	20 29	1 15	26 10	16 43	1 12	1 42	16 57			n.a.
S 18	17 38	11 48	3 1	15 23	0 2	10 37	1 9	24 55	1 16	2 33	1 18	23 29	0 8	24 3	0 28	20 28	1 15	26 10	16 43	1 12	1 43	16 58			n.a.
S 19	17 53	8 18	2 1	16 13	0n 9	11 4	1 7	24 57	1 16	2 28	1 18	23 29	0 8	24 2	0 28	20 28	1 15	26 10	16 44	1 11	1 44	16 59			n.a.
M20	18 9	4 16	0 52	17 2	0 20	11 31	1 5	24 58	1 16	2 24	1 19	23 30	0 8	24 2	0 28	20 28	1 15	26 10	16 44	1 11	1 46	17 0			n.a.
T 21	18 24	0n 6	0s22	17 49	0 30	11 58	1 3	24 59	1 16	2 20	1 19	23 30	0 8	24 2	0 28	20 28	1 15	26 11	16 45	1 11	1 47	17 0			n.a.
W22	18 39	4 38	1 36	18 35	0 40	12 25	1 1	25 0	1 16	2 15	1 19	23 30	0 8	24 2	0 28	20 27	1 15	26 11	16 45	1 12	1 48	17 1			n.a.
T 23	18 54	9 1	2 47	19 20	0 49	12 51	0 59	25 1	1 16	2 11	1 19	23 31	0 8	24 2	0 28	20 27	1 15	26 11	16 45	1 13	1 49	17 2			n.a.
F 24	19 8	12 56	3 47	20 2	0 58	13 18	0 57	25 2	1 16	2 7	1 19	23 31	0 7	24 1	0 28	20 27	1 15	26 11	16 46	1 15	1 51	17 3			n.a.
S 25	19 22	16 2	4 33	20 42	1 7	13 43	0 55	25 2	1 16	2 3	1 19	23 32	0 7	24 1	0 28	20 26	1 15	26 11	16 46	1 18	1 52	17 4			n.a.
S 26	19 36	18 1	4 59	21 20	1 15	14 9	0 53	25 2	1 16	1 59	1 20	23 32	0 7	24 1	0 28	20 26	1 15	26 12	16 46	1 22	1 53	17 5			n.a.
M27	19 49	18 43	5 4	21 55	1 22	14 34	0 51	25 2	1 16	1 55	1 20	23 32	0 7	24 1	0 28	20 26	1 15	26 12	16 47	1 25	1 54	17 5			n.a.
T 28	20 2	18 6	4 48	22 28	1 28	14 59	0 49	25 2	1 16	1 51	1 20	23 33	0 7	24 1	0 28	20 26	1 15	26 12	16 47	1 28	1 56	17 6			n.a.
W29	20 15	16 20	4 14	22 58	1 34	15 23	0 47	25 2	1 16	1 47	1 20	23 33	0 7	24 1	0 28	20 25	1 15	26 12	16 48	1 30	1 57	17 7			n.a.
T 30	20 27	13 38	3 26	23 26	1 39	15 47	0 45	25 1	1 16	1 43	1 20	23 34	0 7	24 0	0 28	20 25	1 15	26 12	16 48	1 32	1 58	17 8			n.a.
F 31	20n39	10n17	2s28	23n51	1n44	16n11	0s42	25n 1	1n16	1s39	1s20	23n34	0s 7	24n 0	0n28	20s25	1n15	26s13	16s48	1n32	2n 0	17s 9			n.a.

Julian Day Number = 1485226.5, Delta T = 05h19m19s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'17, Lahiri = -12°53'16 Julian Calendar 1 May 647 BCE == Greg. Calendar 24 Apr. 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

JUNE 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 8 39	2♊ 1'13	10♍20	11♊14	17♉14	3♋ 7	29♓ 8	25♊12	7♋54	6°R10	2♓41	26♍12	25♍ 0	8♐31	n.a.	S 1
S 2	16 12 36	2°58'19	23° 3	13°15	18°27	3°45	29°17	25°19	7°57	6♐ 8	2°41	26°R12	24°57	8°38	n.a.	S 2
M 3	16 16 33	3°55'24	5♎29	15°14	19°40	4°22	29°27	25°27	8° 1	6° 7	2°41	26°12	24°53	8°45	n.a.	M 3
T 4	16 20 29	4°52'29	17°42	17°12	20°53	4°59	29°37	25°34	8° 4	6° 5	2°41	26°10	24°50	8°51	n.a.	T 4
W 5	16 24 26	5°49'34	29°46	19° 7	22° 7	5°37	29°46	25°41	8° 7	6° 3	2°41	26° 5	24°47	8°58	n.a.	W 5
T 6	16 28 22	6°46'40	11♏44	21° 1	23°20	6°14	29°55	25°49	8°10	6° 2	2°41	25°58	24°44	9° 5	n.a.	T 6
F 7	16 32 19	7°43'45	23°38	22°53	24°33	6°51	0♈ 5	25°56	8°14	6° 0	2°42	25°48	24°41	9°11	n.a.	F 7
S 8	16 36 15	8°40'51	5♐30	24°43	25°47	7°29	0°14	26° 4	8°17	5°59	2°42	25°37	24°38	9°18	n.a.	S 8
S 9	16 40 12	9°37'57	17°22	26°32	27° 0	8° 6	0°23	26°11	8°20	5°57	2°42	25°24	24°34	9°25	n.a.	S 9
M10	16 44 8	10°35'04	29°16	28°18	28°13	8°44	0°32	26°19	8°24	5°55	2°R42	25°11	24°31	9°32	n.a.	M10
T 11	16 48 5	11°32'12	11♑13	0♋ 2	29°27	9°21	0°40	26°26	8°27	5°54	2°42	24°59	24°28	9°38	n.a.	T 11
W12	16 52 2	12°29'20	23°15	1°45	0♊40	9°58	0°49	26°34	8°31	5°52	2°42	24°49	24°25	9°45	n.a.	W12
T 13	16 55 58	13°26'28	5♒24	3°25	1°54	10°36	0°57	26°41	8°34	5°51	2°42	24°41	24°22	9°52	n.a.	T 13
F 14	16 59 55	14°23'38	17°44	5° 4	3° 7	11°13	1° 6	26°49	8°37	5°49	2°41	24°36	24°19	9°58	n.a.	F 14
S 15	17 3 51	15°20'48	0♓17	6°41	4°21	11°51	1°14	26°57	8°41	5°47	2°41	24°34	24°15	10° 5	n.a.	S 15
S 16	17 7 48	16°17'59	13° 7	8°16	5°34	12°29	1°22	27° 4	8°44	5°46	2°41	24°D33	24°12	10°12	n.a.	S 16
M17	17 11 44	17°15'11	26°20	9°49	6°48	13° 6	1°30	27°12	8°48	5°44	2°41	24°R33	24° 9	10°19	n.a.	M17
T 18	17 15 41	18°12'23	9♈57	11°20	8° 1	13°44	1°38	27°20	8°51	5°43	2°41	24°33	24° 6	10°25	n.a.	T 18
W19	17 19 38	19° 9'37	24° 2	12°49	9°15	14°21	1°46	27°27	8°55	5°41	2°41	24°30	24° 3	10°32	n.a.	W19
T 20	17 23 34	20° 6'52	8♉33	14°16	10°29	14°59	1°53	27°35	8°59	5°39	2°41	24°26	23°59	10°39	n.a.	T 20
F 21	17 27 31	21° 4'08	23°28	15°41	11°42	15°37	2° 0	27°43	9° 2	5°38	2°40	24°19	23°56	10°45	n.a.	F 21
S 22	17 31 27	22° 1'25	8♊39	17° 4	12°56	16°14	2° 8	27°50	9° 6	5°36	2°40	24° 9	23°53	10°52	n.a.	S 22
S 23	17 35 24	22°58'43	23°56	18°25	14°10	16°52	2°15	27°58	9° 9	5°35	2°40	23°59	23°50	10°59	n.a.	S 23
M24	17 39 20	23°56'02	9♋ 9	19°44	15°24	17°30	2°22	28° 6	9°13	5°33	2°39	23°48	23°47	11° 6	n.a.	M24
T 25	17 43 17	24°53'22	24° 6	21° 1	16°37	18° 8	2°28	28°14	9°17	5°32	2°39	23°38	23°44	11°12	n.a.	T 25
W26	17 47 13	25°50'42	8♌40	22°16	17°51	18°46	2°35	28°21	9°20	5°30	2°39	23°31	23°40	11°19	n.a.	W26
T 27	17 51 10	26°48'03	22°45	23°28	19° 5	19°23	2°42	28°29	9°24	5°29	2°38	23°26	23°37	11°26	n.a.	T 27
F 28	17 55 7	27°45'25	6♍20	24°38	20°19	20° 1	2°48	28°37	9°28	5°27	2°38	23°24	23°34	11°33	n.a.	F 28
S 29	17 59 3	28°42'48	19°28	25°46	21°33	20°39	2°54	28°44	9°31	5°26	2°38	23°23	23°31	11°39	n.a.	S 29
S 30	18 3 0	29♊40'11	2♎12	26♋51	22♊47	21♋17	3♈ 0	28♊52	9♋35	5♐24	2♓37	23♍23	23♍28	11♐46	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n51	6n31	1s24	24n13	1n48	16n34	0s40	25n 0	1n16	1s35	1s21	23n34	0s 7	24n 0	0n28	20s25	1n15	26s13	16s49	1n32	2n 1	17s 9		n.a.
S 2	21 3	2 32	0 17	24 32	1 51	16 57	0 38	24 59	1 16	1 31	1 21	23 35	0 7	24 0	0 28	20 24	1 15	26 13	16 49	1 32	2 2	17 10		n.a.
M 3	21 14	1s27	0n49	24 49	1 53	17 20	0 35	24 57	1 16	1 27	1 21	23 35	0 6	24 0	0 28	20 24	1 15	26 14	16 49	1 32	2 3	17 11		n.a.
T 4	21 24	5 19	1 52	25 3	1 55	17 42	0 33	24 56	1 15	1 24	1 21	23 35	0 6	23 59	0 28	20 24	1 15	26 14	16 50	1 33	2 5	17 12		n.a.
W 5	21 35	8 55	2 48	25 15	1 56	18 3	0 31	24 54	1 15	1 20	1 21	23 36	0 6	23 59	0 28	20 23	1 15	26 14	16 50	1 35	2 6	17 12		n.a.
T 6	21 44	12 8	3 37	25 24	1 57	18 24	0 28	24 53	1 15	1 17	1 22	23 36	0 6	23 59	0 28	20 23	1 15	26 14	16 51	1 37	2 7	17 13		n.a.
F 7	21 54	14 49	4 15	25 31	1 56	18 45	0 26	24 51	1 15	1 13	1 22	23 36	0 6	23 59	0 28	20 23	1 15	26 15	16 51	1 41	2 9	17 14		n.a.
S 8	22 3	16 53	4 43	25 35	1 56	19 5	0 24	24 48	1 15	1 10	1 22	23 37	0 6	23 59	0 28	20 23	1 15	26 15	16 51	1 46	2 10	17 15		n.a.
S 9	22 12	18 13	4 58	25 37	1 54	19 25	0 21	24 46	1 15	1 6	1 22	23 37	0 6	23 58	0 28	20 22	1 15	26 15	16 52	1 51	2 11	17 15		n.a.
M10	22 21	18 46	5 0	25 38	1 52	19 44	0 19	24 44	1 15	1 3	1 23	23 37	0 6	23 58	0 28	20 22	1 15	26 16	16 52	1 56	2 12	17 16		n.a.
T 11	22 29	18 29	4 49	25 36	1 49	20 3	0 16	24 41	1 15	0 59	1 23	23 38	0 6	23 58	0 28	20 22	1 15	26 16	16 52	2 1	2 14	17 17		n.a.
W12	22 36	17 23	4 25	25 32	1 46	20 21	0 14	24 38	1 15	0 56	1 23	23 38	0 6	23 58	0 28	20 22	1 15	26 16	16 53	2 5	2 15	17 18		n.a.
T 13	22 44	15 29	3 49	25 26	1 42	20 38	0 12	24 35	1 15	0 53	1 23	23 38	0 6	23 57	0 28	20 21	1 15	26 17	16 53	2 8	2 16	17 19		n.a.
F 14	22 51	12 51	3 2	25 18	1 38	20 55	0 9	24 32	1 15	0 50	1 23	23 38	0 5	23 57	0 28	20 21	1 15	26 17	16 53	2 10	2 17	17 19		n.a.
S 15	22 57	9 35	2 5	25 9	1 33	21 12	0 7	24 28	1 14	0 47	1 24	23 39	0 5	23 57	0 28	20 21	1 15	26 18	16 54	2 11	2 19	17 20		n.a.
S 16	23 3	5 48	1 0	24 58	1 28	21 28	0 4	24 25	1 14	0 44	1 24	23 39	0 5	23 57	0 28	20 20	1 15	26 18	16 54	2 12	2 20	17 21		n.a.
M17	23 9	1 37	0s 9	24 46	1 22	21 43	0 2	24 21	1 14	0 41	1 24	23 39	0 5	23 56	0 28	20 20	1 15	26 18	16 55	2 12	2 21	17 22		n.a.
T 18	23 14	2n46	1 21	24 33	1 16	21 58	0n 1	24 17	1 14	0 38	1 24	23 39	0 5	23 56	0 28	20 20	1 15	26 19	16 55	2 12	2 23	17 22		n.a.
W19	23 19	7 8	2 29	24 18	1 10	22 12	0 3	24 13	1 14	0 35	1 25	23 40	0 5	23 56	0 28	20 20	1 15	26 19	16 55	2 13	2 24	17 23		n.a.
T 20	23 24	11 14	3 30	24 2	1 3	22 25	0 5	24 8	1 14	0 32	1 25	23 40	0 5	23 56	0 28	20 19	1 14	26 20	16 56	2 14	2 25	17 24		n.a.
F 21	23 28	14 44	4 18	23 45	0 55	22 38	0 8	24 4	1 14	0 29	1 25	23 40	0 5	23 55	0 28	20 19	1 14	26 20	16 56	2 17	2 26	17 24		n.a.
S 22	23 32	17 17	4 50	23 27	0 47	22 50	0 10	23 59	1 14	0 27	1 25	23 40	0 5	23 55	0 28	20 19	1 14	26 20	16 56	2 21	2 28	17 25		n.a.
S 23	23 35	18 38	5 0	23 8	0 39	23 2	0 13	23 54	1 13	0 24	1 25	23 41	0 5	23 55	0 28	20 19	1 14	26 21	16 57	2 25	2 29	17 26		n.a.
M24	23 38	18 38	4 50	22 48	0 30	23 12	0 15	23 49	1 13	0 21	1 26	23 41	0 5	23 55	0 28	20 18	1 14	26 21	16 57	2 30	2 30	17 27		n.a.
T 25	23 40	17 20	4 19	22 27	0 21	23 23	0 17	23 44	1 13	0 19	1 26	23 41	0 4	23 54	0 28	20 18	1 14	26 22	16 57	2 34	2 31	17 27		n.a.
W26	23 42	14 55	3 33	22 6	0 12	23 32	0 20	23 39	1 13	0 16	1 26	23 41	0 4	23 54	0 28	20 18	1 14	26 22	16 58	2 36	2 33	17 28		n.a.
T 27	23 44	11 42	2 34	21 44	0 2	23 41	0 22	23 33	1 13	0 14	1 26	23 41	0 4	23 54	0 28	20 18	1 14	26 23	16 58	2 38	2 34	17 29		n.a.
F 28	23 45	7 56	1 29	21 22	0s 8	23 49	0 24	23 27	1 13	0 12	1 27	23 42	0 4	23 54	0 28	20 17	1 14	26 23	16 59	2 39	2 35	17 30		n.a.
S 29	23 46	3 54	0 21	21 0	0 18	23 56	0 27	23 21	1 13	0 9	1 27	23 42	0 4	23 53	0 28	20 17	1 14	26 24	16 59	2 40	2 37	17 30		n.a.
S 30	23n46	0s11	0n46	20n37	0s28	24n 3	0n29	23n15	1n13	0s 7	1s27	23n42	0s 4	23n53	0n28	20s17	1n14	26s24	16s59	2n40	2n38	17s31		n.a.

Julian Day Number = 1485257.5, Delta T = 05h19m18s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'12, Lahiri = -12°53'12 Julian Calendar 1 June 647 BCE == Greg. Calendar 25 May 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

JULY 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 6 56	0♋37'35	14♎36	27♋54	24♊ 1	21♋55	3♈ 6	29♊ 0	9♋39	5°R23	2°R37	23°R23	23♍25	11♐53	n.a.	M 1
T 2	18 10 53	1°35'00	26°45	28°53	25°15	22°33	3°12	29° 8	9°42	5♐22	2♓36	23♍21	23°21	11°59	n.a.	T 2
W 3	18 14 49	2°32'26	8♏45	29°51	26°29	23°11	3°17	29°15	9°46	5°20	2°36	23°16	23°18	12° 6	n.a.	W 3
T 4	18 18 46	3°29'53	20°39	0♌45	27°43	23°49	3°22	29°23	9°50	5°19	2°35	23° 9	23°15	12°13	n.a.	T 4
F 5	18 22 42	4°27'21	2♐30	1°36	28°57	24°27	3°28	29°31	9°53	5°17	2°35	22°59	23°12	12°20	n.a.	F 5
S 6	18 26 39	5°24'50	14°22	2°23	0♋11	25° 5	3°33	29°38	9°57	5°16	2°34	22°47	23° 9	12°26	n.a.	S 6
S 7	18 30 36	6°22'20	26°17	3° 8	1°25	25°43	3°37	29°46	10° 1	5°15	2°34	22°34	23° 5	12°33	n.a.	S 7
M 8	18 34 32	7°19'52	8♑16	3°48	2°39	26°21	3°42	29°54	10° 4	5°13	2°33	22°21	23° 2	12°40	n.a.	M 8
T 9	18 38 29	8°17'25	20°20	4°25	3°53	26°59	3°47	0♋ 2	10° 8	5°12	2°33	22° 9	22°59	12°46	n.a.	T 9
W10	18 42 25	9°14'59	2♒31	4°58	5° 7	27°37	3°51	0° 9	10°12	5°11	2°32	21°58	22°56	12°53	n.a.	W10
T 11	18 46 22	10°12'35	14°50	5°27	6°21	28°16	3°55	0°17	10°16	5°10	2°31	21°51	22°53	13° 0	n.a.	T 11
F 12	18 50 18	11°10'12	27°18	5°51	7°35	28°54	3°59	0°25	10°19	5° 8	2°31	21°46	22°50	13° 7	n.a.	F 12
S 13	18 54 15	12° 7'51	9♓59	6°11	8°49	29°32	4° 3	0°32	10°23	5° 7	2°30	21°43	22°46	13°13	n.a.	S 13
S 14	18 58 11	13° 5'31	22°54	6°26	10° 4	0♌10	4° 6	0°40	10°27	5° 6	2°29	21°D43	22°43	13°20	n.a.	S 14
M15	19 2 8	14° 3'14	6♈ 6	6°35	11°18	0°49	4°10	0°47	10°31	5° 5	2°29	21°43	22°40	13°27	n.a.	M15
T 16	19 6 5	15° 0'58	19°39	6°R40	12°32	1°27	4°13	0°55	10°34	5° 4	2°28	21°R43	22°37	13°34	n.a.	T 16
W17	19 10 1	15°58'43	3♉35	6°39	13°47	2° 5	4°16	1° 3	10°38	5° 3	2°27	21°42	22°34	13°40	n.a.	W17
T 18	19 13 58	16°56'31	17°53	6°32	15° 1	2°44	4°19	1°10	10°42	5° 1	2°26	21°39	22°31	13°47	n.a.	T 18
F 19	19 17 54	17°54'21	2♊32	6°20	16°15	3°22	4°22	1°18	10°45	5° 0	2°26	21°33	22°27	13°54	n.a.	F 19
S 20	19 21 51	18°52'13	17°28	6° 1	17°30	4° 1	4°24	1°25	10°49	4°59	2°25	21°25	22°24	14° 0	n.a.	S 20
S 21	19 25 47	19°50'06	2♋31	5°37	18°44	4°39	4°26	1°33	10°53	4°58	2°24	21°16	22°21	14° 7	n.a.	S 21
M22	19 29 44	20°48'01	17°33	5° 7	19°58	5°17	4°28	1°40	10°56	4°57	2°23	21° 7	22°18	14°14	n.a.	M22
T 23	19 33 40	21°45'58	2♌25	4°32	21°13	5°56	4°30	1°47	11° 0	4°56	2°22	20°59	22°15	14°21	n.a.	T 23
W24	19 37 37	22°43'57	16°56	3°51	22°27	6°35	4°32	1°55	11° 4	4°55	2°21	20°53	22°11	14°27	n.a.	W24
T 25	19 41 34	23°41'57	1♍ 3	3° 6	23°42	7°13	4°33	2° 2	11° 8	4°54	2°21	20°49	22° 8	14°34	n.a.	T 25
F 26	19 45 30	24°39'58	14°42	2°17	24°56	7°52	4°35	2°10	11°11	4°53	2°20	20°D47	22° 5	14°41	n.a.	F 26
S 27	19 49 27	25°38'01	27°54	1°24	26°11	8°30	4°36	2°17	11°15	4°53	2°19	20°47	22° 2	14°48	n.a.	S 27
S 28	19 53 23	26°36'06	10♎41	0°29	27°25	9° 9	4°37	2°24	11°18	4°52	2°18	20°48	21°59	14°54	n.a.	S 28
M29	19 57 20	27°34'12	23° 8	29♋32	28°40	9°48	4°38	2°32	11°22	4°51	2°17	20°R49	21°56	15° 1	n.a.	M29
T 30	20 1 16	28°32'19	5♏19	28°35	29°54	10°27	4°38	2°39	11°26	4°50	2°16	20°49	21°52	15° 8	n.a.	T 30
W31	20 5 13	29♋30'28	17♏19	27♋39	1♌ 9	11♌ 5	4♈38	2♋46	11♋29	4♐49	2♓15	20♍47	21♍49	15♐14	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n46	4s 9	1n50	20n14	0s39	24n 9	0n31	23n 9	1n12	0s 5	1s27	23n42	0s 4	23n53	0n28	20s17	1n14	26s25	17s 0	2n40	2n39	17s32			n.a.
T 2	23 46	7 52	2 47	19 51	0 50	24 14	0 33	23 3	1 12	0 3	1 28	23 42	0 4	23 53	0 28	20 17	1 14	26 25	17 0	2 41	2 40	17 32			n.a.
W 3	23 45	11 13	3 35	19 28	1 1	24 19	0 35	22 56	1 12	0 1	1 28	23 42	0 4	23 52	0 28	20 16	1 14	26 25	17 0	2 42	2 42	17 33			n.a.
T 4	23 43	14 5	4 14	19 5	1 13	24 23	0 38	22 49	1 12	0n 1	1 28	23 42	0 4	23 52	0 28	20 16	1 14	26 26	17 1	2 45	2 43	17 34			n.a.
F 5	23 42	16 21	4 42	18 43	1 24	24 26	0 40	22 42	1 12	0 3	1 28	23 43	0 4	23 52	0 28	20 16	1 14	26 26	17 1	2 49	2 44	17 34			n.a.
S 6	23 39	17 55	4 57	18 21	1 36	24 28	0 42	22 35	1 12	0 4	1 29	23 43	0 3	23 52	0 28	20 16	1 14	26 27	17 1	2 54	2 45	17 35			n.a.
S 7	23 37	18 43	5 0	17 59	1 48	24 30	0 44	22 28	1 11	0 6	1 29	23 43	0 3	23 51	0 28	20 15	1 14	26 27	17 2	2 59	2 47	17 36			n.a.
M 8	23 34	18 42	4 49	17 38	2 0	24 30	0 46	22 20	1 11	0 8	1 29	23 43	0 3	23 51	0 28	20 15	1 14	26 28	17 2	3 5	2 48	17 37			n.a.
T 9	23 30	17 50	4 26	17 17	2 12	24 30	0 48	22 13	1 11	0 9	1 30	23 43	0 3	23 51	0 28	20 15	1 14	26 29	17 2	3 9	2 49	17 37			n.a.
W10	23 27	16 9	3 50	16 58	2 24	24 30	0 50	22 5	1 11	0 11	1 30	23 43	0 3	23 50	0 28	20 15	1 14	26 29	17 2	3 14	2 51	17 38			n.a.
T 11	23 22	13 42	3 2	16 39	2 36	24 28	0 52	21 57	1 11	0 12	1 30	23 43	0 3	23 50	0 28	20 15	1 14	26 30	17 3	3 17	2 52	17 39			n.a.
F 12	23 18	10 36	2 6	16 22	2 47	24 26	0 53	21 49	1 11	0 14	1 30	23 43	0 3	23 50	0 28	20 14	1 14	26 30	17 3	3 19	2 53	17 39			n.a.
S 13	23 12	6 59	1 2	16 6	2 59	24 23	0 55	21 41	1 10	0 15	1 31	23 43	0 3	23 50	0 28	20 14	1 14	26 31	17 3	3 20	2 54	17 40			n.a.
S 14	23 7	2 57	0s 6	15 51	3 10	24 20	0 57	21 32	1 10	0 16	1 31	23 43	0 3	23 49	0 28	20 14	1 14	26 31	17 4	3 20	2 56	17 41			n.a.
M15	23 1	1n18	1 16	15 38	3 21	24 15	0 59	21 24	1 10	0 17	1 31	23 43	0 3	23 49	0 28	20 14	1 14	26 32	17 4	3 20	2 57	17 41			n.a.
T 16	22 55	5 35	2 23	15 27	3 32	24 10	1 0	21 15	1 10	0 18	1 31	23 43	0 3	23 49	0 28	20 14	1 14	26 32	17 4	3 20	2 58	17 42			n.a.
W17	22 48	9 42	3 24	15 17	3 42	24 4	1 2	21 6	1 10	0 19	1 32	23 43	0 3	23 48	0 28	20 14	1 14	26 33	17 5	3 20	2 59	17 43			n.a.
T 18	22 41	13 21	4 13	15 9	3 52	23 58	1 4	20 57	1 9	0 20	1 32	23 43	0 2	23 48	0 28	20 13	1 14	26 33	17 5	3 21	3 1	17 43			n.a.
F 19	22 33	16 16	4 47	15 4	4 1	23 51	1 5	20 48	1 9	0 21	1 32	23 43	0 2	23 48	0 28	20 13	1 14	26 34	17 5	3 24	3 2	17 44			n.a.
S 20	22 25	18 8	5 3	15 1	4 8	23 42	1 7	20 38	1 9	0 22	1 32	23 44	0 2	23 48	0 28	20 13	1 14	26 34	17 5	3 27	3 3	17 45			n.a.
S 21	22 17	18 47	4 58	15 0	4 15	23 34	1 8	20 29	1 9	0 22	1 33	23 44	0 2	23 47	0 28	20 13	1 14	26 35	17 6	3 30	3 5	17 45			n.a.
M22	22 8	18 6	4 32	15 2	4 21	23 24	1 9	20 19	1 9	0 23	1 33	23 44	0 2	23 47	0 28	20 13	1 13	26 36	17 6	3 34	3 6	17 46			n.a.
T 23	21 59	16 11	3 49	15 6	4 25	23 14	1 11	20 9	1 8	0 23	1 33	23 43	0 2	23 47	0 28	20 13	1 13	26 36	17 6	3 37	3 7	17 47			n.a.
W24	21 49	13 16	2 51	15 13	4 28	23 3	1 12	19 59	1 8	0 24	1 34	23 43	0 2	23 46	0 28	20 13	1 13	26 37	17 6	3 40	3 8	17 47			n.a.
T 25	21 40	9 38	1 44	15 22	4 29	22 52	1 13	19 49	1 8	0 24	1 34	23 43	0 2	23 46	0 28	20 12	1 13	26 37	17 7	3 41	3 10	17 48			n.a.
F 26	21 29	5 36	0 33	15 34	4 28	22 39	1 14	19 39	1 8	0 24	1 34	23 43	0 2	23 46	0 28	20 12	1 13	26 38	17 7	3 42	3 11	17 48			n.a.
S 27	21 19	1 26	0n38	15 48	4 26	22 26	1 15	19 28	1 8	0 25	1 34	23 43	0 2	23 45	0 28	20 12	1 13	26 38	17 7	3 42	3 12	17 49			n.a.
S 28	21 8	2s41	1 45	16 4	4 22	22 13	1 16	19 18	1 7	0 25	1 35	23 43	0 2	23 45	0 28	20 12	1 13	26 39	17 7	3 42	3 13	17 50			n.a.
M29	20 56	6 34	2 45	16 22	4 15	21 58	1 17	19 7	1 7	0 25	1 35	23 43	0 1	23 45	0 28	20 12	1 13	26 39	17 8	3 41	3 15	17 50			n.a.
T 30	20 44	10 5	3 36	16 42	4 7	21 44	1 18	18 56	1 7	0 25	1 35	23 43	0 1	23 45	0 28	20 12	1 13	26 40	17 8	3 41	3 16	17 51			n.a.
W31	20n32	13s 8	4n17	17n 3	3s57	21n28	1n19	18n45	1n 7	0n25	1s35	23n43	0s 1	23n44	0n28	20s12	1n13	26s41	17s 8	3n42	3n17	17s52			n.a.

Julian Day Number = 1485287.5, Delta T = 05h19m16s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'08, Lahiri = -12°53'08 Julian Calendar 1 July 647 BCE == Greg. Calendar 24 June 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

AUGUST 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 9 9	0♌28'39	29♏12	26°R45	2♌24	11♌44	4°R38	2♋53	11♋33	4°R49	2°R14	20°R43	21♍46	15♐21	n.a.	T 1
F 2	20 13 6	1°26'52	11♐ 4	25♋55	3°38	12°23	4♈38	3° 0	11°36	4♐48	2♓13	20♍37	21°43	15°28	n.a.	F 2
S 3	20 17 3	2°25'06	22°58	25° 9	4°53	13° 2	4°38	3° 7	11°40	4°47	2°12	20°29	21°40	15°35	n.a.	S 3
S 4	20 20 59	3°23'22	4♉56	24°29	6° 7	13°41	4°38	3°14	11°44	4°46	2°11	20°21	21°37	15°41	n.a.	S 4
M 5	20 24 56	4°21'40	17° 2	23°55	7°22	14°20	4°37	3°21	11°47	4°46	2°10	20°12	21°33	15°48	n.a.	M 5
T 6	20 28 52	5°20'00	29°16	23°29	8°37	14°59	4°36	3°28	11°51	4°45	2° 9	20° 4	21°30	15°55	n.a.	T 6
W 7	20 32 49	6°18'21	11♒40	23°12	9°51	15°38	4°35	3°35	11°54	4°45	2° 8	19°57	21°27	16° 1	n.a.	W 7
T 8	20 36 45	7°16'45	24°14	23°D 3	11° 6	16°17	4°34	3°42	11°57	4°44	2° 7	19°52	21°24	16° 8	n.a.	T 8
F 9	20 40 42	8°15'10	6♓59	23° 3	12°21	16°56	4°32	3°49	12° 1	4°44	2° 6	19°50	21°21	16°15	n.a.	F 9
S 10	20 44 38	9°13'38	19°56	23°12	13°36	17°35	4°31	3°56	12° 4	4°43	2° 5	19°D49	21°17	16°22	n.a.	S 10
S 11	20 48 35	10°12'08	3♈ 5	23°30	14°50	18°14	4°29	4° 3	12° 8	4°43	2° 4	19°49	21°14	16°28	n.a.	S 11
M12	20 52 31	11°10'40	16°28	23°58	16° 5	18°53	4°27	4° 9	12°11	4°42	2° 3	19°51	21°11	16°35	n.a.	M12
T 13	20 56 28	12° 9'15	0♉ 6	24°34	17°20	19°32	4°24	4°16	12°14	4°42	2° 2	19°52	21° 8	16°42	n.a.	T 13
W14	21 0 25	13° 7'52	13°59	25°19	18°35	20°12	4°22	4°23	12°18	4°42	2° 0	19°R53	21° 5	16°49	n.a.	W14
T 15	21 4 21	14° 6'31	28° 7	26°12	19°49	20°51	4°19	4°29	12°21	4°41	1°59	19°52	21° 2	16°55	n.a.	T 15
F 16	21 8 18	15° 5'13	12♊30	27°13	21° 4	21°30	4°16	4°36	12°24	4°41	1°58	19°50	20°58	17° 2	n.a.	F 16
S 17	21 12 14	16° 3'57	27° 3	28°21	22°19	22° 9	4°13	4°42	12°28	4°41	1°57	19°46	20°55	17° 9	n.a.	S 17
S 18	21 16 11	17° 2'43	11♋42	29°35	23°34	22°49	4°10	4°49	12°31	4°40	1°56	19°41	20°52	17°15	n.a.	S 18
M19	21 20 7	18° 1'32	26°21	0♌55	24°49	23°28	4° 7	4°55	12°34	4°40	1°55	19°36	20°49	17°22	n.a.	M19
T 20	21 24 4	19° 0'23	10♌51	2°20	26° 4	24° 8	4° 3	5° 1	12°37	4°40	1°54	19°32	20°46	17°29	n.a.	T 20
W21	21 28 0	19°59'16	25° 8	3°49	27°19	24°47	3°59	5° 8	12°41	4°40	1°53	19°29	20°43	17°36	n.a.	W21
T 22	21 31 57	20°58'11	9♍ 5	5°23	28°33	25°27	3°55	5°14	12°44	4°40	1°51	19°27	20°39	17°42	n.a.	T 22
F 23	21 35 54	21°57'09	22°40	7° 0	29°48	26° 6	3°51	5°20	12°47	4°40	1°50	19°D27	20°36	17°49	n.a.	F 23
S 24	21 39 50	22°56'08	5♎51	8°39	1♍ 3	26°46	3°47	5°26	12°50	4°D40	1°49	19°28	20°33	17°56	n.a.	S 24
S 25	21 43 47	23°55'09	18°40	10°21	2°18	27°25	3°42	5°32	12°53	4°40	1°48	19°29	20°30	18° 3	n.a.	S 25
M26	21 47 43	24°54'12	1♏10	12° 5	3°33	28° 5	3°37	5°38	12°56	4°40	1°47	19°31	20°27	18° 9	n.a.	M26
T 27	21 51 40	25°53'17	13°23	13°50	4°48	28°45	3°33	5°44	12°59	4°40	1°46	19°32	20°23	18°16	n.a.	T 27
W28	21 55 36	26°52'24	25°25	15°36	6° 3	29°25	3°27	5°50	13° 2	4°40	1°44	19°R33	20°20	18°23	n.a.	W28
T 29	21 59 33	27°51'33	7♐20	17°23	7°18	0♍ 4	3°22	5°55	13° 5	4°40	1°43	19°32	20°17	18°29	n.a.	T 29
F 30	22 3 29	28°50'44	19°13	19°11	8°33	0°44	3°17	6° 1	13° 8	4°40	1°42	19°31	20°14	18°36	n.a.	F 30
S 31	22 7 26	29♌49'56	1♉ 8	20♌59	9♍48	1♍24	3♈11	6♋ 7	13♋10	4♐41	1♓41	19♍29	20♍11	18♐43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n20	15s36	4n46	17n25	3s45	21n12	1n20	18n34	1n 6	0n24	1s36	23n43	0s 1	23n44	0n28	20s12	1n13	26s41	17s 8	3n44	3n19	17s52			n.a.
F 2	20 7	17 25	5 3	17 48	3 31	20 55	1 21	18 23	1 6	0 24	1 36	23 43	0 1	23 44	0 28	20 12	1 13	26 42	17 8	3 46	3 20	17 53			n.a.
S 3	19 54	18 28	5 7	18 11	3 16	20 37	1 21	18 11	1 6	0 24	1 36	23 43	0 1	23 43	0 28	20 12	1 13	26 42	17 9	3 49	3 21	17 53			n.a.
S 4	19 40	18 43	4 57	18 35	3 0	20 19	1 22	18 0	1 6	0 23	1 37	23 43	0 1	23 43	0 28	20 11	1 13	26 43	17 9	3 53	3 22	17 54			n.a.
M 5	19 26	18 8	4 35	18 57	2 42	20 1	1 23	17 48	1 5	0 23	1 37	23 43	0 1	23 43	0 28	20 11	1 13	26 43	17 9	3 56	3 24	17 55			n.a.
T 6	19 12	16 41	3 59	19 20	2 24	19 42	1 23	17 36	1 5	0 22	1 37	23 43	0 1	23 42	0 29	20 11	1 13	26 44	17 9	3 59	3 25	17 55			n.a.
W 7	18 57	14 28	3 11	19 41	2 6	19 22	1 24	17 24	1 5	0 22	1 37	23 43	0 1	23 42	0 29	20 11	1 13	26 44	17 9	4 2	3 26	17 56			n.a.
T 8	18 42	11 31	2 14	20 1	1 47	19 1	1 24	17 12	1 5	0 21	1 38	23 42	0 1	23 42	0 29	20 11	1 13	26 45	17 10	4 4	3 27	17 56			n.a.
F 9	18 27	8 0	1 9	20 19	1 29	18 41	1 24	17 0	1 4	0 20	1 38	23 42	0 0	23 42	0 29	20 11	1 13	26 46	17 10	4 5	3 29	17 57			n.a.
S 10	18 12	4 3	0s 1	20 36	1 10	18 19	1 24	16 48	1 4	0 19	1 38	23 42	0 0	23 41	0 29	20 11	1 13	26 46	17 10	4 5	3 30	17 58			n.a.
S 11	17 56	0n 9	1 12	20 50	0 52	17 57	1 25	16 35	1 4	0 18	1 38	23 42	0 0	23 41	0 29	20 11	1 13	26 47	17 10	4 5	3 31	17 58			n.a.
M12	17 40	4 25	2 20	21 3	0 35	17 35	1 25	16 23	1 4	0 17	1 39	23 42	0 0	23 41	0 29	20 11	1 13	26 47	17 10	4 4	3 32	17 59			n.a.
T 13	17 23	8 31	3 22	21 13	0 18	17 12	1 25	16 10	1 3	0 16	1 39	23 42	0 0	23 40	0 29	20 11	1 12	26 48	17 10	4 4	3 34	17 59			n.a.
W14	17 6	12 14	4 13	21 20	0 2	16 48	1 25	15 57	1 3	0 15	1 39	23 42	0 0	23 40	0 29	20 11	1 12	26 48	17 10	4 4	3 35	18 0			n.a.
T 15	16 49	15 19	4 50	21 25	0n13	16 25	1 25	15 44	1 3	0 13	1 39	23 42	0n 0	23 40	0 29	20 11	1 12	26 49	17 11	4 4	3 36	18 1			n.a.
F 16	16 32	17 30	5 9	21 27	0 27	16 0	1 25	15 31	1 3	0 12	1 40	23 42	0 0	23 40	0 29	20 11	1 12	26 49	17 11	4 5	3 38	18 1			n.a.
S 17	16 14	18 35	5 9	21 26	0 40	15 35	1 24	15 18	1 2	0 11	1 40	23 41	0 0	23 39	0 29	20 11	1 12	26 50	17 11	4 6	3 39	18 2			n.a.
S 18	15 57	18 27	4 49	21 22	0 52	15 10	1 24	15 5	1 2	0 9	1 40	23 41	0 0	23 39	0 29	20 11	1 12	26 50	17 11	4 8	3 40	18 2			n.a.
M19	15 38	17 5	4 10	21 15	1 3	14 45	1 24	14 51	1 2	0 8	1 40	23 41	0 0	23 39	0 29	20 11	1 12	26 51	17 11	4 10	3 41	18 3			n.a.
T 20	15 20	14 37	3 16	21 5	1 12	14 19	1 23	14 38	1 1	0 6	1 40	23 41	0 1	23 38	0 29	20 11	1 12	26 52	17 11	4 12	3 43	18 3			n.a.
W21	15 1	11 18	2 9	20 52	1 21	13 52	1 23	14 24	1 1	0 4	1 41	23 41	0 1	23 38	0 29	20 11	1 12	26 52	17 11	4 13	3 44	18 4			n.a.
T 22	14 42	7 24	0 57	20 37	1 28	13 25	1 22	14 10	1 1	0 2	1 41	23 41	0 1	23 38	0 29	20 11	1 12	26 53	17 11	4 14	3 45	18 5			n.a.
F 23	14 23	3 13	0n18	20 18	1 34	12 58	1 22	13 56	1 1	0 0	1 41	23 40	0 1	23 38	0 29	20 11	1 12	26 53	17 11	4 14	3 46	18 5			n.a.
S 24	14 4	1s 0	1 29	19 57	1 40	12 31	1 21	13 42	1 0	0s 1	1 41	23 40	0 1	23 37	0 29	20 11	1 12	26 54	17 11	4 14	3 48	18 6			n.a.
S 25	13 44	5 3	2 34	19 33	1 44	12 3	1 20	13 28	1 0	0 3	1 42	23 40	0 1	23 37	0 29	20 11	1 12	26 54	17 11	4 13	3 49	18 6			n.a.
M26	13 24	8 46	3 30	19 7	1 48	11 34	1 19	13 14	1 0	0 6	1 42	23 40	0 1	23 37	0 29	20 11	1 12	26 55	17 12	4 12	3 50	18 7			n.a.
T 27	13 4	12 2	4 14	18 39	1 50	11 6	1 19	13 0	0 59	0 8	1 42	23 40	0 1	23 36	0 29	20 11	1 12	26 55	17 12	4 12	3 51	18 7			n.a.
W28	12 44	14 44	4 48	18 9	1 52	10 37	1 18	12 45	0 59	0 10	1 42	23 40	0 1	23 36	0 29	20 11	1 12	26 56	17 12	4 12	3 53	18 8			n.a.
T 29	12 23	16 46	5 8	17 37	1 53	10 8	1 17	12 31	0 59	0 12	1 42	23 40	0 1	23 36	0 29	20 11	1 12	26 56	17 12	4 12	3 54	18 8			n.a.
F 30	12 2	18 6	5 15	17 4	1 53	9 39	1 16	12 16	0 58	0 14	1 42	23 39	0 1	23 36	0 29	20 12	1 12	26 57	17 12	4 12	3 55	18 9			n.a.
S 31	11n41	18s37	5n 8	16n28	1n52	9n 9	1n15	12n 2	0n58	0s17	1s43	23n39	0n 2	23n35	0n29	20s12	1n12	26s57	17s12	4n13	3n57	18s 9			n.a.

Julian Day Number = 1485318.5, Delta T = 05h19m15s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'04, Lahiri = -12°53'04 Julian Calendar 1 Aug. 647 BCE == Greg. Calendar 25 July 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

SEPTEMBER 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 11 22	0♍49'11	13♉ 9	22♌46	11♍ 3	2♍ 4	3°R 6	6♋12	13♋13	4♐41	1°R40	19°R26	20♍ 8	18♐50	n.a.	S 1
M 2	22 15 19	1°48'28	25°20	24°34	12°17	2°44	3♈ 0	6°18	13°16	4°41	1♓38	19♍23	20° 4	18°56	n.a.	M 2
T 3	22 19 16	2°47'46	7♒43	26°21	13°32	3°24	2°54	6°23	13°19	4°41	1°37	19°21	20° 1	19° 3	n.a.	T 3
W 4	22 23 12	3°47'07	20°20	28° 8	14°47	4° 4	2°48	6°28	13°21	4°42	1°36	19°19	19°58	19°10	n.a.	W 4
T 5	22 27 9	4°46'30	3♓12	29°55	16° 2	4°44	2°41	6°34	13°24	4°42	1°35	19°17	19°55	19°16	n.a.	T 5
F 6	22 31 5	5°45'54	16°18	1♍41	17°17	5°24	2°35	6°39	13°27	4°42	1°34	19°D17	19°52	19°23	n.a.	F 6
S 7	22 35 2	6°45'21	29°39	3°27	18°32	6° 4	2°28	6°44	13°29	4°43	1°33	19°17	19°48	19°30	n.a.	S 7
S 8	22 38 58	7°44'51	13♈12	5°12	19°47	6°44	2°22	6°49	13°32	4°43	1°31	19°18	19°45	19°37	n.a.	S 8
M 9	22 42 55	8°44'22	26°56	6°56	21° 2	7°24	2°15	6°54	13°34	4°44	1°30	19°19	19°42	19°43	n.a.	M 9
T 10	22 46 51	9°43'56	10♉51	8°40	22°17	8° 4	2° 8	6°59	13°37	4°44	1°29	19°19	19°39	19°50	n.a.	T 10
W11	22 50 48	10°43'33	24°53	10°23	23°32	8°45	2° 1	7° 3	13°39	4°45	1°28	19°20	19°36	19°57	n.a.	W11
T 12	22 54 45	11°43'12	9♊ 2	12° 5	24°47	9°25	1°54	7° 8	13°42	4°46	1°27	19°R20	19°33	20° 4	n.a.	T 12
F 13	22 58 41	12°42'53	23°15	13°47	26° 2	10° 5	1°46	7°13	13°44	4°46	1°25	19°20	19°29	20°10	n.a.	F 13
S 14	23 2 38	13°42'37	7♋30	15°28	27°17	10°46	1°39	7°17	13°46	4°47	1°24	19°20	19°26	20°17	n.a.	S 14
S 15	23 6 34	14°42'24	21°44	17° 8	28°32	11°26	1°32	7°22	13°49	4°48	1°23	19°19	19°23	20°24	n.a.	S 15
M16	23 10 31	15°42'12	5♌53	18°48	29°47	12° 6	1°24	7°26	13°51	4°48	1°22	19°19	19°20	20°30	n.a.	M16
T 17	23 14 27	16°42'03	19°55	20°27	1♎ 2	12°47	1°16	7°30	13°53	4°49	1°21	19°19	19°17	20°37	n.a.	T 17
W18	23 18 24	17°41'56	3♍46	22° 6	2°17	13°28	1° 9	7°35	13°55	4°50	1°20	19°18	19°14	20°44	n.a.	W18
T 19	23 22 20	18°41'52	17°23	23°44	3°32	14° 8	1° 1	7°39	13°57	4°51	1°19	19°18	19°10	20°51	n.a.	T 19
F 20	23 26 17	19°41'49	0♎43	25°21	4°47	14°49	0°53	7°43	13°59	4°52	1°17	19°18	19° 7	20°57	n.a.	F 20
S 21	23 30 13	20°41'48	13°46	26°58	6° 1	15°29	0°45	7°47	14° 1	4°52	1°16	19°18	19° 4	21° 4	n.a.	S 21
S 22	23 34 10	21°41'49	26°31	28°34	7°16	16°10	0°37	7°51	14° 3	4°53	1°15	19°18	19° 1	21°11	n.a.	S 22
M23	23 38 7	22°41'52	8♏59	0♎ 9	8°31	16°51	0°29	7°54	14° 5	4°54	1°14	19°18	18°58	21°18	n.a.	M23
T 24	23 42 3	23°41'57	21°13	1°45	9°46	17°32	0°21	7°58	14° 7	4°55	1°13	19°17	18°54	21°24	n.a.	T 24
W25	23 46 0	24°42'04	3♐15	3°19	11° 1	18°12	0°13	8° 1	14° 9	4°56	1°12	19°17	18°51	21°31	n.a.	W25
T 26	23 49 56	25°42'13	15°11	4°53	12°16	18°53	0° 5	8° 5	14°10	4°57	1°11	19°16	18°48	21°38	n.a.	T 26
F 27	23 53 53	26°42'23	27° 4	6°27	13°31	19°34	29♓57	8° 8	14°12	4°58	1°10	19°D16	18°45	21°44	n.a.	F 27
S 28	23 57 49	27°42'35	8♉58	8° 0	14°46	20°15	29°49	8°12	14°14	5° 0	1° 9	19°16	18°42	21°51	n.a.	S 28
S 29	0 1 46	28°42'48	20°59	9°33	16° 1	20°56	29°41	8°15	14°15	5° 1	1° 8	19°17	18°39	21°58	n.a.	S 29
M30	0 5 42	29♍43'03	3♒11	11♎ 5	17♎16	21♍37	29♓32	8♋18	14♋17	5♐ 2	1♓ 7	19♍18	18♍35	22♐ 5	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11n20	18s19	4n49	15n52	1n51	8n39	1n13	11n47	0n58	0s19	1s43	23n39	0n 2	23n35	0n29	20s12	1n12	26s57	17s12	4n14	3n58	18s10		n.a.	S 1
M 2	10 59	17 11	4 15	15 14	1 49	8 9	1 12	11 32	0 57	0 22	1 43	23 39	0 2	23 35	0 29	20 12	1 11	26 58	17 12	4 15	3 59	18 11		n.a.	M 2
T 3	10 37	15 13	3 30	14 35	1 47	7 39	1 11	11 17	0 57	0 24	1 43	23 39	0 2	23 35	0 29	20 12	1 11	26 58	17 12	4 16	4 0	18 11		n.a.	T 3
W 4	10 15	12 29	2 33	13 55	1 45	7 8	1 10	11 2	0 57	0 27	1 43	23 39	0 2	23 34	0 29	20 12	1 11	26 59	17 12	4 17	4 2	18 12		n.a.	W 4
T 5	9 53	9 7	1 28	13 14	1 41	6 38	1 8	10 47	0 56	0 30	1 43	23 38	0 2	23 34	0 29	20 12	1 11	26 59	17 12	4 18	4 3	18 12		n.a.	T 5
F 6	9 31	5 13	0 16	12 32	1 38	6 7	1 7	10 32	0 56	0 32	1 44	23 38	0 2	23 34	0 29	20 12	1 11	27 0	17 12	4 18	4 4	18 13		n.a.	F 6
S 7	9 9	1 1	0s57	11 50	1 34	5 36	1 5	10 16	0 56	0 35	1 44	23 38	0 2	23 34	0 29	20 12	1 11	27 0	17 12	4 18	4 5	18 13		n.a.	S 7
S 8	8 47	3n19	2 9	11 7	1 30	5 4	1 4	10 1	0 55	0 38	1 44	23 38	0 2	23 33	0 29	20 13	1 11	27 1	17 12	4 18	4 7	18 14		n.a.	S 8
M 9	8 24	7 31	3 14	10 24	1 25	4 33	1 2	9 46	0 55	0 41	1 44	23 38	0 2	23 33	0 29	20 13	1 11	27 1	17 12	4 17	4 8	18 14		n.a.	M 9
T 10	8 2	11 21	4 8	9 40	1 20	4 2	1 0	9 30	0 55	0 44	1 44	23 38	0 3	23 33	0 29	20 13	1 11	27 1	17 12	4 17	4 9	18 15		n.a.	T 10
W11	7 39	14 35	4 49	8 56	1 15	3 30	0 59	9 14	0 54	0 47	1 44	23 37	0 3	23 33	0 29	20 13	1 11	27 2	17 11	4 17	4 10	18 15		n.a.	W11
T 12	7 16	16 58	5 12	8 12	1 10	2 58	0 57	8 59	0 54	0 50	1 44	23 37	0 3	23 33	0 29	20 13	1 11	27 2	17 11	4 17	4 12	18 16		n.a.	T 12
F 13	6 53	18 20	5 16	7 27	1 4	2 27	0 55	8 43	0 54	0 53	1 44	23 37	0 3	23 32	0 29	20 13	1 11	27 3	17 11	4 17	4 13	18 16		n.a.	F 13
S 14	6 29	18 33	5 1	6 42	0 58	1 55	0 53	8 27	0 53	0 56	1 44	23 37	0 3	23 32	0 29	20 14	1 11	27 3	17 11	4 17	4 14	18 17		n.a.	S 14
S 15	6 6	17 35	4 28	5 57	0 53	1 23	0 51	8 11	0 53	0 59	1 44	23 37	0 3	23 32	0 30	20 14	1 11	27 3	17 11	4 17	4 16	18 17		n.a.	S 15
M16	5 43	15 32	3 38	5 12	0 47	0 51	0 50	7 55	0 53	1 2	1 45	23 37	0 3	23 32	0 30	20 14	1 11	27 4	17 11	4 17	4 17	18 18		n.a.	M16
T 17	5 19	12 35	2 36	4 27	0 40	0 19	0 48	7 39	0 52	1 5	1 45	23 36	0 3	23 32	0 30	20 14	1 11	27 4	17 11	4 17	4 18	18 18		n.a.	T 17
W18	4 56	8 56	1 25	3 42	0 34	0s13	0 46	7 23	0 52	1 8	1 45	23 36	0 3	23 31	0 30	20 14	1 11	27 4	17 11	4 17	4 19	18 19		n.a.	W18
T 19	4 32	4 53	0 11	2 57	0 28	0 45	0 43	7 7	0 51	1 11	1 45	23 36	0 3	23 31	0 30	20 14	1 11	27 5	17 11	4 17	4 21	18 19		n.a.	T 19
F 20	4 8	0 40	1n 3	2 12	0 21	1 18	0 41	6 51	0 51	1 14	1 45	23 36	0 4	23 31	0 30	20 15	1 11	27 5	17 11	4 17	4 22	18 20		n.a.	F 20
S 21	3 44	3s29	2 12	1 27	0 15	1 50	0 39	6 34	0 51	1 18	1 45	23 36	0 4	23 31	0 30	20 15	1 11	27 5	17 11	4 17	4 23	18 20		n.a.	S 21
S 22	3 20	7 23	3 12	0 42	0 8	2 22	0 37	6 18	0 50	1 21	1 45	23 36	0 4	23 31	0 30	20 15	1 10	27 6	17 10	4 17	4 24	18 21		n.a.	S 22
M23	2 56	10 52	4 2	0s 2	0 1	2 54	0 35	6 2	0 50	1 24	1 45	23 36	0 4	23 30	0 30	20 15	1 10	27 6	17 10	4 18	4 26	18 21		n.a.	M23
T 24	2 32	13 49	4 40	0 47	0s 5	3 26	0 33	5 45	0 50	1 27	1 45	23 36	0 4	23 30	0 30	20 16	1 10	27 6	17 10	4 18	4 27	18 21		n.a.	T 24
W25	2 8	16 7	5 5	1 31	0 12	3 57	0 30	5 29	0 49	1 31	1 45	23 35	0 4	23 30	0 30	20 16	1 10	27 6	17 10	4 18	4 28	18 22		n.a.	W25
T 26	1 44	17 42	5 16	2 15	0 19	4 29	0 28	5 12	0 49	1 34	1 45	23 35	0 4	23 30	0 30	20 16	1 10	27 7	17 10	4 18	4 29	18 22		n.a.	T 26
F 27	1 20	18 30	5 14	2 59	0 25	5 1	0 26	4 55	0 48	1 37	1 45	23 35	0 4	23 30	0 30	20 16	1 10	27 7	17 10	4 18	4 31	18 23		n.a.	F 27
S 28	0 55	18 30	4 59	3 42	0 32	5 32	0 23	4 39	0 48	1 40	1 45	23 35	0 4	23 30	0 30	20 17	1 10	27 7	17 10	4 18	4 32	18 23		n.a.	S 28
S 29	0 31	17 40	4 30	4 25	0 38	6 4	0 21	4 22	0 48	1 44	1 45	23 35	0 4	23 30	0 30	20 17	1 10	27 7	17 9	4 18	4 33	18 24		n.a.	S 29
M30	0n 7	16s 0	3n49	5s 8	0s45	6s35	0n18	4n 5	0n47	1s47	1s45	23n35	0n 5	23n29	0n30	20s17	1n10	27s 8	17s 9	4n18	4n34	18s24		n.a.	M30

Julian Day Number = 1485349.5, Delta T = 05h19m13s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -12°00'00, Lahiri = -12°52'59 Julian Calendar 1 Sept. 647 BCE == Greg. Calendar 25 Aug. 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

OCTOBER 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 9 39	0♎43'20	15♒38	12♎37	18♎31	22♍18	29°R24	8♋21	14♋18	5♐ 3	1°R 6	19♍19	18♍32	22♐11	n.a.	T 1
W 2	0 13 36	1°43'39	28°23	14° 8	19°46	22°59	29♓16	8°24	14°20	5° 4	1♓ 5	19°20	18°29	22°18	n.a.	W 2
T 3	0 17 32	2°43'59	11♓28	15°39	21° 1	23°40	29° 8	8°26	14°21	5° 6	1° 4	19°21	18°26	22°25	n.a.	T 3
F 4	0 21 29	3°44'21	24°54	17° 9	22°15	24°21	29° 0	8°29	14°22	5° 7	1° 3	19°R21	18°23	22°31	n.a.	F 4
S 5	0 25 25	4°44'44	8♈39	18°39	23°30	25° 3	28°52	8°32	14°24	5° 8	1° 2	19°20	18°19	22°38	n.a.	S 5
S 6	0 29 22	5°45'10	22°40	20° 9	24°45	25°44	28°44	8°34	14°25	5°10	1° 1	19°18	18°16	22°45	n.a.	S 6
M 7	0 33 18	6°45'37	6♉54	21°38	26° 0	26°25	28°36	8°36	14°26	5°11	1° 0	19°16	18°13	22°52	n.a.	M 7
T 8	0 37 15	7°46'06	21°16	23° 7	27°15	27° 6	28°28	8°39	14°27	5°12	0°59	19°14	18°10	22°58	n.a.	T 8
W 9	0 41 11	8°46'37	5♊40	24°35	28°30	27°48	28°20	8°41	14°28	5°14	0°58	19°11	18° 7	23° 5	n.a.	W 9
T 10	0 45 8	9°47'11	20° 2	26° 3	29°45	28°29	28°12	8°43	14°29	5°15	0°57	19° 9	18° 4	23°12	n.a.	T 10
F 11	0 49 4	10°47'46	4♋19	27°30	0♏59	29°11	28° 4	8°45	14°30	5°17	0°56	19°D 8	18° 0	23°19	n.a.	F 11
S 12	0 53 1	11°48'23	18°26	28°57	2°14	29°52	27°56	8°46	14°31	5°18	0°56	19° 8	17°57	23°25	n.a.	S 12
S 13	0 56 58	12°49'02	2♌24	0♏23	3°29	0♎34	27°49	8°48	14°32	5°20	0°55	19° 9	17°54	23°32	n.a.	S 13
M14	1 0 54	13°49'43	16°10	1°49	4°44	1°15	27°41	8°50	14°33	5°21	0°54	19°11	17°51	23°39	n.a.	M14
T 15	1 4 51	14°50'26	29°45	3°13	5°59	1°57	27°34	8°51	14°34	5°23	0°53	19°12	17°48	23°45	n.a.	T 15
W16	1 8 47	15°51'10	13♍ 8	4°37	7°13	2°39	27°26	8°53	14°34	5°24	0°52	19°R13	17°45	23°52	n.a.	W16
T 17	1 12 44	16°51'56	26°19	6° 0	8°28	3°20	27°19	8°54	14°35	5°26	0°51	19°13	17°41	23°59	n.a.	T 17
F 18	1 16 40	17°52'44	9♎18	7°22	9°43	4° 2	27°12	8°55	14°36	5°28	0°51	19°12	17°38	24° 6	n.a.	F 18
S 19	1 20 37	18°53'33	22° 5	8°43	10°58	4°44	27° 5	8°56	14°36	5°29	0°50	19° 9	17°35	24°12	n.a.	S 19
S 20	1 24 33	19°54'23	4♏38	10° 3	12°13	5°26	26°58	8°57	14°37	5°31	0°49	19° 4	17°32	24°19	n.a.	S 20
M21	1 28 30	20°55'15	17° 0	11°21	13°27	6° 8	26°51	8°58	14°37	5°33	0°49	18°58	17°29	24°26	n.a.	M21
T 22	1 32 27	21°56'08	29°10	12°38	14°42	6°49	26°44	8°58	14°37	5°35	0°48	18°52	17°25	24°32	n.a.	T 22
W23	1 36 23	22°57'03	11♐11	13°52	15°57	7°31	26°38	8°59	14°38	5°36	0°47	18°46	17°22	24°39	n.a.	W23
T 24	1 40 20	23°57'58	23° 6	15° 5	17°12	8°13	26°31	9° 0	14°38	5°38	0°47	18°41	17°19	24°46	n.a.	T 24
F 25	1 44 16	24°58'55	4♑57	16°15	18°26	8°55	26°25	9° 0	14°38	5°40	0°46	18°37	17°16	24°53	n.a.	F 25
S 26	1 48 13	25°59'52	16°49	17°22	19°41	9°38	26°19	9° 0	14°38	5°42	0°45	18°35	17°13	24°59	n.a.	S 26
S 27	1 52 9	27° 0'50	28°47	18°26	20°56	10°20	26°13	9° 0	14°38	5°44	0°45	18°D35	17°10	25° 6	n.a.	S 27
M28	1 56 6	28° 1'50	10♒56	19°26	22°10	11° 2	26° 7	9°R 0	14°R38	5°46	0°44	18°35	17° 6	25°13	n.a.	M28
T 29	2 0 2	29° 2'50	23°20	20°22	23°25	11°44	26° 1	9° 0	14°38	5°47	0°44	18°37	17° 3	25°20	n.a.	T 29
W30	2 3 59	0♏ 3'51	6♓ 5	21°13	24°40	12°26	25°56	9° 0	14°38	5°49	0°43	18°38	17° 0	25°26	n.a.	W30
T 31	2 7 56	1♏ 4'52	19♓13	21♏59	25♏54	13♎ 8	25♓51	9♋ 0	14♋38	5♐51	0♓43	18°R39	16♍57	25♐33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s17	13s34	2n56	5s50	0s52	7s 6	0n16	3n49	0n47	1s50	1s45	23n35	0n 5	23n29	0n30	20s17	1n10	27s 8	17s 9	4n17	4n36	18s25		n.a.
W 2	0 42	10 26	1 53	6 32	0 58	7 38	0 13	3 32	0 46	1 53	1 44	23 35	0 5	23 29	0 30	20 18	1 10	27 8	17 9	4 17	4 37	18 25		n.a.
T 3	1 6	6 41	0 43	7 14	1 4	8 8	0 11	3 15	0 46	1 57	1 44	23 35	0 5	23 29	0 30	20 18	1 10	27 8	17 9	4 16	4 38	18 26		n.a.
F 4	1 30	2 31	0s31	7 55	1 11	8 39	0 8	2 58	0 45	2 0	1 44	23 35	0 5	23 29	0 30	20 18	1 10	27 9	17 9	4 16	4 39	18 26		n.a.
S 5	1 55	1n52	1 45	8 35	1 17	9 10	0 6	2 41	0 45	2 3	1 44	23 35	0 5	23 29	0 30	20 18	1 10	27 9	17 8	4 17	4 41	18 26		n.a.
S 6	2 19	6 15	2 54	9 15	1 23	9 40	0 3	2 24	0 45	2 6	1 44	23 35	0 5	23 29	0 30	20 19	1 10	27 9	17 8	4 17	4 42	18 27		n.a.
M 7	2 43	10 20	3 53	9 55	1 29	10 10	0 1	2 7	0 44	2 9	1 44	23 34	0 5	23 29	0 30	20 19	1 10	27 9	17 8	4 18	4 43	18 27		n.a.
T 8	3 7	13 51	4 38	10 34	1 34	10 40	0s 2	1 50	0 44	2 12	1 44	23 34	0 5	23 29	0 30	20 19	1 10	27 9	17 8	4 19	4 45	18 28		n.a.
W 9	3 32	16 31	5 6	11 12	1 40	11 9	0 4	1 33	0 43	2 15	1 44	23 34	0 6	23 28	0 30	20 20	1 10	27 9	17 7	4 20	4 46	18 28		n.a.
T 10	3 56	18 9	5 15	11 50	1 46	11 39	0 7	1 16	0 43	2 18	1 44	23 34	0 6	23 28	0 30	20 20	1 10	27 9	17 7	4 21	4 47	18 29		n.a.
F 11	4 20	18 38	5 4	12 27	1 51	12 8	0 9	0 59	0 42	2 21	1 43	23 34	0 6	23 28	0 30	20 20	1 10	27 10	17 7	4 21	4 48	18 29		n.a.
S 12	4 44	17 57	4 35	13 3	1 56	12 36	0 12	0 41	0 42	2 24	1 43	23 34	0 6	23 28	0 30	20 20	1 10	27 10	17 7	4 21	4 50	18 29		n.a.
S 13	5 8	16 10	3 50	13 39	2 1	13 5	0 15	0 24	0 41	2 27	1 43	23 34	0 6	23 28	0 30	20 21	1 10	27 10	17 6	4 21	4 51	18 30		n.a.
M14	5 32	13 29	2 52	14 13	2 5	13 33	0 17	0 7	0 41	2 30	1 43	23 34	0 6	23 28	0 30	20 21	1 10	27 10	17 6	4 20	4 52	18 30		n.a.
T 15	5 56	10 5	1 45	14 47	2 9	14 1	0 20	0s10	0 40	2 33	1 43	23 34	0 6	23 28	0 31	20 21	1 9	27 10	17 6	4 20	4 53	18 31		n.a.
W16	6 19	6 12	0 33	15 20	2 13	14 28	0 22	0 27	0 40	2 36	1 43	23 34	0 6	23 28	0 31	20 22	1 9	27 10	17 6	4 19	4 55	18 31		n.a.
T 17	6 43	2 4	0n39	15 51	2 17	14 55	0 25	0 45	0 40	2 39	1 42	23 34	0 6	23 28	0 31	20 22	1 9	27 10	17 5	4 19	4 56	18 31		n.a.
F 18	7 6	2s 5	1 48	16 22	2 20	15 22	0 28	1 2	0 39	2 41	1 42	23 34	0 6	23 28	0 31	20 22	1 9	27 10	17 5	4 20	4 57	18 32		n.a.
S 19	7 30	6 5	2 50	16 52	2 23	15 48	0 30	1 19	0 39	2 44	1 42	23 34	0 7	23 28	0 31	20 23	1 9	27 10	17 5	4 21	4 58	18 32		n.a.
S 20	7 53	9 45	3 43	17 20	2 26	16 14	0 33	1 36	0 38	2 47	1 42	23 35	0 7	23 28	0 31	20 23	1 9	27 10	17 5	4 23	5 0	18 33		n.a.
M21	8 17	12 55	4 24	17 47	2 28	16 39	0 35	1 53	0 38	2 49	1 42	23 35	0 7	23 28	0 31	20 23	1 9	27 10	17 4	4 25	5 1	18 33		n.a.
T 22	8 40	15 29	4 53	18 12	2 29	17 4	0 38	2 11	0 37	2 52	1 41	23 35	0 7	23 28	0 31	20 24	1 9	27 10	17 4	4 28	5 2	18 33		n.a.
W23	9 3	17 20	5 8	18 36	2 30	17 29	0 40	2 28	0 37	2 54	1 41	23 35	0 7	23 28	0 31	20 24	1 9	27 10	17 4	4 30	5 3	18 34		n.a.
T 24	9 25	18 26	5 10	18 59	2 31	17 53	0 43	2 45	0 36	2 56	1 41	23 35	0 7	23 28	0 31	20 24	1 9	27 10	17 3	4 32	5 5	18 34		n.a.
F 25	9 48	18 42	4 59	19 19	2 30	18 17	0 45	3 2	0 36	2 59	1 41	23 35	0 7	23 28	0 31	20 25	1 9	27 10	17 3	4 34	5 6	18 34		n.a.
S 26	10 11	18 10	4 34	19 38	2 29	18 40	0 48	3 20	0 35	3 1	1 40	23 35	0 7	23 28	0 31	20 25	1 9	27 10	17 3	4 35	5 7	18 35		n.a.
S 27	10 33	16 48	3 58	19 55	2 28	19 3	0 50	3 37	0 35	3 3	1 40	23 35	0 8	23 28	0 31	20 26	1 9	27 10	17 3	4 35	5 8	18 35		n.a.
M28	10 55	14 41	3 10	20 9	2 25	19 25	0 53	3 54	0 34	3 5	1 40	23 35	0 8	23 28	0 31	20 26	1 9	27 10	17 2	4 34	5 10	18 36		n.a.
T 29	11 17	11 50	2 13	20 22	2 22	19 46	0 55	4 11	0 34	3 7	1 40	23 35	0 8	23 28	0 31	20 26	1 9	27 10	17 2	4 34	5 11	18 36		n.a.
W30	11 39	8 22	1 8	20 31	2 17	20 7	0 57	4 28	0 33	3 9	1 39	23 35	0 8	23 28	0 31	20 27	1 9	27 10	17 2	4 33	5 12	18 36		n.a.
T 31	12s 1	4s22	0s 3	20s38	2s12	20s28	1s 0	4s46	0n32	3s11	1s39	23n36	0n 8	23n28	0n31	20s27	1n 9	27s10	17s 1	4n33	5n13	18s37		n.a.

Julian Day Number = 1485379.5, Delta T = 05h19m12s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'56, Lahiri = -12°52'55 Julian Calendar 1 Oct. 647 BCE == Greg. Calendar 24 Sept. 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

NOVEMBER 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 11 52	2♏ 5'55	2♈48	22♏39	27♏ 9	13♎51	25°R45	8°R59	14°R38	5♐53	0°R42	18°R38	16♍54	25♐40	n.a.	F 1
S 2	2 15 49	3° 6'58	16°48	23°11	28°23	14°33	25♓40	8♋59	14♋37	5°55	0♓42	18♍35	16°50	25°46	n.a.	S 2
S 3	2 19 45	4° 8'02	1♉12	23°36	29°38	15°16	25°36	8°58	14°37	5°57	0°41	18°30	16°47	25°53	n.a.	S 3
M 4	2 23 42	5° 9'07	15°53	23°52	0♐53	15°58	25°31	8°57	14°37	5°59	0°41	18°23	16°44	26° 0	n.a.	M 4
T 5	2 27 38	6°10'14	0♊45	23°R58	2° 7	16°40	25°26	8°56	14°36	6° 1	0°40	18°15	16°41	26° 7	n.a.	T 5
W 6	2 31 35	7°11'21	15°38	23°54	3°22	17°23	25°22	8°55	14°36	6° 3	0°40	18° 8	16°38	26°13	n.a.	W 6
T 7	2 35 31	8°12'29	0♋24	23°40	4°36	18° 6	25°18	8°54	14°35	6° 5	0°40	18° 1	16°35	26°20	n.a.	T 7
F 8	2 39 28	9°13'38	14°56	23°14	5°51	18°48	25°14	8°53	14°35	6° 7	0°39	17°56	16°31	26°27	n.a.	F 8
S 9	2 43 25	10°14'48	29°11	22°36	7° 5	19°31	25°10	8°52	14°34	6° 9	0°39	17°54	16°28	26°33	n.a.	S 9
S 10	2 47 21	11°15'59	13♌ 6	21°47	8°20	20°13	25° 7	8°50	14°33	6°12	0°39	17°D53	16°25	26°40	n.a.	S 10
M11	2 51 18	12°17'11	26°42	20°48	9°34	20°56	25° 3	8°49	14°33	6°14	0°38	17°54	16°22	26°47	n.a.	M11
T 12	2 55 14	13°18'24	10♍ 0	19°40	10°48	21°39	25° 0	8°47	14°32	6°16	0°38	17°55	16°19	26°54	n.a.	T 12
W13	2 59 11	14°19'38	23° 3	18°24	12° 3	22°22	24°57	8°46	14°31	6°18	0°38	17°R55	16°16	27° 0	n.a.	W13
T 14	3 3 7	15°20'53	5♎52	17° 4	13°17	23° 5	24°55	8°44	14°30	6°20	0°38	17°53	16°12	27° 7	n.a.	T 14
F 15	3 7 4	16°22'08	18°30	15°41	14°32	23°48	24°52	8°42	14°29	6°22	0°38	17°49	16° 9	27°14	n.a.	F 15
S 16	3 11 0	17°23'24	0♏58	14°19	15°46	24°31	24°50	8°40	14°28	6°24	0°37	17°42	16° 6	27°21	n.a.	S 16
S 17	3 14 57	18°24'40	13°17	13° 0	17° 0	25°14	24°48	8°37	14°27	6°27	0°37	17°32	16° 3	27°27	n.a.	S 17
M18	3 18 54	19°25'57	25°29	11°47	18°15	25°57	24°46	8°35	14°26	6°29	0°37	17°20	16° 0	27°34	n.a.	M18
T 19	3 22 50	20°27'14	7♐32	10°42	19°29	26°40	24°44	8°33	14°25	6°31	0°37	17° 8	15°56	27°41	n.a.	T 19
W20	3 26 47	21°28'31	19°29	9°46	20°43	27°23	24°42	8°30	14°23	6°33	0°37	16°55	15°53	27°47	n.a.	W20
T 21	3 30 43	22°29'48	1♑22	9° 1	21°57	28° 6	24°41	8°28	14°22	6°35	0°37	16°43	15°50	27°54	n.a.	T 21
F 22	3 34 40	23°31'06	13°12	8°25	23°12	28°49	24°40	8°25	14°21	6°38	0°D37	16°34	15°47	28° 1	n.a.	F 22
S 23	3 38 36	24°32'23	25° 3	8° 1	24°26	29°32	24°39	8°22	14°19	6°40	0°37	16°27	15°44	28° 8	n.a.	S 23
S 24	3 42 33	25°33'41	6♒58	7°47	25°40	0♏15	24°38	8°20	14°18	6°42	0°37	16°22	15°41	28°14	n.a.	S 24
M25	3 46 30	26°34'58	19° 2	7°D43	26°54	0°59	24°38	8°17	14°17	6°44	0°37	16°21	15°37	28°21	n.a.	M25
T 26	3 50 26	27°36'15	1♓21	7°48	28° 8	1°42	24°38	8°14	14°15	6°47	0°37	16°D20	15°34	28°28	n.a.	T 26
W27	3 54 23	28°37'31	13°59	8° 2	29°22	2°25	24°D38	8°10	14°14	6°49	0°37	16°R21	15°31	28°34	n.a.	W27
T 28	3 58 19	29°38'47	27° 2	8°24	0♑36	3° 9	24°38	8° 7	14°12	6°51	0°38	16°20	15°28	28°41	n.a.	T 28
F 29	4 2 16	0♐40'03	10♈33	8°53	1°50	3°52	24°38	8° 4	14°10	6°53	0°38	16°18	15°25	28°48	n.a.	F 29
S 30	4 6 12	1♐41'19	24♈34	9♏28	3♑ 4	4♏36	24♓39	8♋ 0	14♋ 9	6♐56	0♓38	16♍13	15♍22	28♐55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s22	0s 2	1s16	20s42	2s 5	20s48	1s 2	5s 3	0n32	3s13	1s39	23n36	0n 8	23n28	0n31	20s27	1n 9	27s 9	17s 1	4n33	5n15	18s37		n.a.
S 2	12 43	4n27	2 26	20 43	1 57	21 7	1 4	5 20	0 31	3 15	1 39	23 36	0 8	23 28	0 31	20 28	1 9	27 9	17 1	4 35	5 16	18 37		n.a.
S 3	13 4	8 47	3 29	20 40	1 48	21 26	1 7	5 37	0 31	3 17	1 38	23 36	0 8	23 28	0 31	20 28	1 9	27 9	17 0	4 37	5 17	18 38		n.a.
M 4	13 25	12 41	4 20	20 34	1 37	21 44	1 9	5 54	0 30	3 18	1 38	23 36	0 8	23 28	0 31	20 29	1 9	27 9	17 0	4 39	5 18	18 38		n.a.
T 5	13 46	15 49	4 53	20 23	1 25	22 2	1 11	6 11	0 30	3 20	1 38	23 36	0 9	23 29	0 31	20 29	1 9	27 9	17 0	4 42	5 20	18 38		n.a.
W 6	14 6	17 54	5 7	20 9	1 11	22 19	1 13	6 28	0 29	3 21	1 37	23 37	0 9	23 29	0 31	20 29	1 9	27 9	16 59	4 45	5 21	18 39		n.a.
T 7	14 26	18 46	5 0	19 51	0 56	22 35	1 15	6 45	0 29	3 22	1 37	23 37	0 9	23 29	0 31	20 30	1 9	27 9	16 59	4 48	5 22	18 39		n.a.
F 8	14 46	18 23	4 34	19 28	0 39	22 51	1 17	7 2	0 28	3 24	1 37	23 37	0 9	23 29	0 31	20 30	1 9	27 8	16 59	4 50	5 23	18 39		n.a.
S 9	15 6	16 50	3 51	19 1	0 21	23 6	1 19	7 19	0 28	3 25	1 37	23 37	0 9	23 29	0 31	20 30	1 9	27 8	16 58	4 51	5 25	18 40		n.a.
S 10	15 25	14 19	2 56	18 29	0 2	23 20	1 21	7 36	0 27	3 26	1 36	23 37	0 9	23 29	0 31	20 31	1 9	27 8	16 58	4 51	5 26	18 40		n.a.
M11	15 44	11 3	1 51	17 54	0n18	23 34	1 23	7 52	0 26	3 27	1 36	23 38	0 9	23 29	0 32	20 31	1 9	27 8	16 58	4 51	5 27	18 40		n.a.
T 12	16 3	7 16	0 42	17 16	0 39	23 47	1 25	8 9	0 26	3 28	1 36	23 38	0 9	23 29	0 32	20 32	1 9	27 7	16 57	4 50	5 28	18 41		n.a.
W13	16 22	3 13	0n27	16 36	0 59	23 59	1 27	8 26	0 25	3 29	1 35	23 38	0 10	23 29	0 32	20 32	1 9	27 7	16 57	4 50	5 30	18 41		n.a.
T 14	16 40	0s55	1 35	15 54	1 19	24 10	1 28	8 43	0 25	3 30	1 35	23 38	0 10	23 30	0 32	20 32	1 9	27 7	16 57	4 51	5 31	18 41		n.a.
F 15	16 58	4 57	2 36	15 12	1 38	24 21	1 30	8 59	0 24	3 31	1 35	23 39	0 10	23 30	0 32	20 33	1 8	27 7	16 56	4 53	5 32	18 42		n.a.
S 16	17 15	8 43	3 29	14 31	1 55	24 31	1 32	9 16	0 24	3 31	1 34	23 39	0 10	23 30	0 32	20 33	1 8	27 6	16 56	4 56	5 33	18 42		n.a.
S 17	17 33	12 4	4 11	13 53	2 11	24 40	1 33	9 32	0 23	3 32	1 34	23 39	0 10	23 30	0 32	20 34	1 8	27 6	16 55	4 59	5 35	18 42		n.a.
M18	17 50	14 51	4 41	13 17	2 25	24 49	1 35	9 49	0 22	3 32	1 34	23 39	0 10	23 30	0 32	20 34	1 8	27 6	16 55	5 4	5 36	18 42		n.a.
T 19	18 6	16 58	4 58	12 46	2 36	24 57	1 36	10 5	0 22	3 33	1 33	23 40	0 10	23 30	0 32	20 34	1 8	27 6	16 55	5 9	5 37	18 43		n.a.
W20	18 23	18 20	5 2	12 20	2 45	25 4	1 38	10 21	0 21	3 33	1 33	23 40	0 10	23 30	0 32	20 35	1 8	27 5	16 54	5 14	5 38	18 43		n.a.
T 21	18 39	18 53	4 53	11 59	2 52	25 10	1 39	10 37	0 21	3 33	1 33	23 40	0 10	23 31	0 32	20 35	1 8	27 5	16 54	5 19	5 40	18 43		n.a.
F 22	18 55	18 37	4 31	11 44	2 56	25 16	1 40	10 54	0 20	3 33	1 32	23 41	0 11	23 31	0 32	20 36	1 8	27 5	16 54	5 23	5 41	18 44		n.a.
S 23	19 10	17 32	3 57	11 33	2 59	25 21	1 42	11 10	0 19	3 33	1 32	23 41	0 11	23 31	0 32	20 36	1 8	27 4	16 53	5 25	5 42	18 44		n.a.
S 24	19 25	15 41	3 13	11 28	3 0	25 25	1 43	11 26	0 19	3 33	1 32	23 41	0 11	23 31	0 32	20 36	1 8	27 4	16 53	5 27	5 43	18 44		n.a.
M25	19 40	13 7	2 20	11 27	2 59	25 28	1 44	11 42	0 18	3 33	1 31	23 41	0 11	23 31	0 32	20 37	1 8	27 4	16 53	5 28	5 45	18 44		n.a.
T 26	19 54	9 55	1 19	11 31	2 57	25 30	1 45	11 57	0 17	3 33	1 31	23 42	0 11	23 32	0 32	20 37	1 8	27 3	16 52	5 28	5 46	18 45		n.a.
W27	20 8	6 12	0 13	11 38	2 54	25 32	1 46	12 13	0 17	3 33	1 31	23 42	0 11	23 32	0 32	20 38	1 8	27 3	16 52	5 28	5 47	18 45		n.a.
T 28	20 21	2 3	0s56	11 49	2 50	25 33	1 47	12 29	0 16	3 32	1 30	23 42	0 11	23 32	0 32	20 38	1 8	27 2	16 51	5 28	5 48	18 45		n.a.
F 29	20 34	2n20	2 5	12 3	2 45	25 33	1 47	12 44	0 16	3 32	1 30	23 43	0 11	23 32	0 32	20 38	1 8	27 2	16 51	5 29	5 50	18 46		n.a.
S 30	20s47	6n45	3s 8	12s20	2n39	25s32	1s48	13s 0	0n15	3s31	1s30	23n43	0n12	23n32	0n32	20s39	1n 8	27s 2	16s51	5n30	5n51	18s46		n.a.

Julian Day Number = 1485410.5, Delta T = 05h19m10s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'51, Lahiri = -12°52'51 Julian Calendar 1 Nov. 647 BCE == Greg. Calendar 25 Oct. 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 647 BCE
geocentric

DECEMBER 647 BCE (-646) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 10 9	2♐42'34	9♉ 4	10♏ 9	4♑18	5♏19	24♓39	7°R57	14°R 7	6♐58	0♓38	16°R 6	15♍18	29♐ 1	n.a.	S 1
M 2	4 14 5	3°43'49	23°59	10°55	5°32	6° 3	24°40	7♋53	14♋ 5	7° 0	0°38	15♍56	15°15	29° 8	n.a.	M 2
T 3	4 18 2	4°45'04	9♊ 9	11°46	6°46	6°46	24°42	7°50	14° 3	7° 2	0°39	15°44	15°12	29°15	n.a.	T 3
W 4	4 21 59	5°46'18	24°26	12°40	8° 0	7°30	24°43	7°46	14° 1	7° 5	0°39	15°33	15° 9	29°22	n.a.	W 4
T 5	4 25 55	6°47'32	9♋36	13°39	9°14	8°14	24°45	7°42	14° 0	7° 7	0°39	15°23	15° 6	29°28	n.a.	T 5
F 6	4 29 52	7°48'46	24°30	14°40	10°27	8°57	24°46	7°39	13°58	7° 9	0°39	15°15	15° 2	29°35	n.a.	F 6
S 7	4 33 48	8°50'00	9♌ 2	15°45	11°41	9°41	24°48	7°35	13°56	7°12	0°40	15°10	14°59	29°42	n.a.	S 7
S 8	4 37 45	9°51'14	23° 8	16°52	12°55	10°25	24°51	7°31	13°54	7°14	0°40	15° 7	14°56	29°48	n.a.	S 8
M 9	4 41 41	10°52'28	6♍48	18° 2	14° 8	11° 9	24°53	7°27	13°52	7°16	0°41	15° 6	14°53	29°55	n.a.	M 9
T 10	4 45 38	11°53'41	20° 3	19°13	15°22	11°53	24°56	7°22	13°50	7°18	0°41	15° 6	14°50	0♑ 2	n.a.	T 10
W11	4 49 34	12°54'54	2♎58	20°26	16°35	12°37	24°58	7°18	13°47	7°21	0°41	15° 6	14°47	0° 9	n.a.	W11
T 12	4 53 31	13°56'06	15°36	21°42	17°49	13°21	25° 1	7°14	13°45	7°23	0°42	15° 3	14°43	0°15	n.a.	T 12
F 13	4 57 28	14°57'19	28° 0	22°58	19° 2	14° 5	25° 4	7°10	13°43	7°25	0°42	14°58	14°40	0°22	n.a.	F 13
S 14	5 1 24	15°58'31	10♏14	24°16	20°16	14°49	25° 8	7° 5	13°41	7°27	0°43	14°49	14°37	0°29	n.a.	S 14
S 15	5 5 21	16°59'42	22°21	25°36	21°29	15°33	25°11	7° 1	13°39	7°30	0°43	14°37	14°34	0°35	n.a.	S 15
M16	5 9 17	18° 0'53	4♐22	26°56	22°42	16°17	25°15	6°56	13°36	7°32	0°44	14°24	14°31	0°42	n.a.	M16
T 17	5 13 14	19° 2'03	16°18	28°18	23°55	17° 1	25°19	6°52	13°34	7°34	0°45	14° 8	14°28	0°49	n.a.	T 17
W18	5 17 10	20° 3'12	28°11	29°41	25° 9	17°45	25°23	6°47	13°32	7°36	0°45	13°53	14°24	0°56	n.a.	W18
T 19	5 21 7	21° 4'20	10♑ 3	1♐ 4	26°22	18°29	25°28	6°43	13°29	7°39	0°46	13°39	14°21	1° 2	n.a.	T 19
F 20	5 25 4	22° 5'27	21°54	2°29	27°35	19°13	25°32	6°38	13°27	7°41	0°46	13°27	14°18	1° 9	n.a.	F 20
S 21	5 29 0	23° 6'34	3♒46	3°55	28°48	19°58	25°37	6°34	13°25	7°43	0°47	13°18	14°15	1°16	n.a.	S 21
S 22	5 32 57	24° 7'39	15°43	5°21	0♒ 1	20°42	25°42	6°29	13°22	7°45	0°48	13°13	14°12	1°22	n.a.	S 22
M23	5 36 53	25° 8'43	27°47	6°48	1°14	21°26	25°47	6°24	13°20	7°47	0°48	13°10	14° 8	1°29	n.a.	M23
T 24	5 40 50	26° 9'45	10♓ 4	8°16	2°26	22°11	25°52	6°19	13°17	7°50	0°49	13°D 9	14° 5	1°36	n.a.	T 24
W25	5 44 46	27°10'46	22°38	9°45	3°39	22°55	25°58	6°15	13°15	7°52	0°50	13°R 9	14° 2	1°43	n.a.	W25
T 26	5 48 43	28°11'46	5♈33	11°14	4°52	23°39	26° 3	6°10	13°12	7°54	0°51	13° 9	13°59	1°49	n.a.	T 26
F 27	5 52 39	29°12'44	18°55	12°44	6° 4	24°24	26° 9	6° 5	13°10	7°56	0°52	13° 7	13°56	1°56	n.a.	F 27
S 28	5 56 36	0♑13'41	2♉46	14°15	7°17	25° 8	26°15	6° 0	13° 7	7°58	0°52	13° 3	13°53	2° 3	n.a.	S 28
S 29	6 0 33	1°14'37	17° 7	15°47	8°29	25°53	26°21	5°55	13° 5	8° 0	0°53	12°57	13°49	2°10	n.a.	S 29
M30	6 4 29	2°15'31	1♊56	17°19	9°42	26°37	26°27	5°50	13° 2	8° 3	0°54	12°48	13°46	2°16	n.a.	M30
T 31	6 8 26	3♑16'23	17♊ 6	18♐52	10♒54	27♏22	26♓34	5♋45	13♋ 0	8♐ 5	0♓55	12♍38	13♍43	2♑23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20s59	10n55	4s 1	12s39	2n33	25s31	1s49	13s15	0n14	3s31	1s29	23n43	0n12	23n33	0n32	20s39	1n 8	27s 1	16s50	5n33	5n52	18s46			n.a.
M 2	21 11	14 31	4 39	13 0	2 26	25 28	1 49	13 30	0 14	3 30	1 29	23 44	0 12	23 33	0 32	20 40	1 8	27 1	16 50	5 37	5 53	18 46			n.a.
T 3	21 23	17 13	4 59	13 22	2 19	25 25	1 50	13 46	0 13	3 29	1 28	23 44	0 12	23 33	0 32	20 40	1 8	27 0	16 50	5 42	5 55	18 47			n.a.
W 4	21 34	18 42	4 57	13 46	2 11	25 21	1 50	14 1	0 12	3 28	1 28	23 44	0 12	23 33	0 32	20 40	1 8	27 0	16 49	5 46	5 56	18 47			n.a.
T 5	21 45	18 51	4 34	14 11	2 4	25 17	1 50	14 16	0 12	3 27	1 28	23 45	0 12	23 34	0 32	20 41	1 8	26 59	16 49	5 50	5 57	18 47			n.a.
F 6	21 55	17 41	3 53	14 37	1 56	25 11	1 51	14 30	0 11	3 26	1 27	23 45	0 12	23 34	0 32	20 41	1 8	26 59	16 49	5 54	5 58	18 47			n.a.
S 7	22 5	15 23	2 58	15 4	1 47	25 5	1 51	14 45	0 10	3 25	1 27	23 45	0 12	23 34	0 32	20 42	1 8	26 59	16 48	5 56	6 0	18 48			n.a.
S 8	22 14	12 13	1 53	15 31	1 39	24 58	1 51	15 0	0 10	3 24	1 27	23 46	0 13	23 34	0 32	20 42	1 8	26 58	16 48	5 56	6 1	18 48			n.a.
M 9	22 23	8 28	0 44	15 59	1 31	24 51	1 51	15 14	0 9	3 23	1 26	23 46	0 13	23 34	0 32	20 42	1 8	26 58	16 48	5 57	6 2	18 48			n.a.
T 10	22 32	4 24	0n26	16 27	1 23	24 42	1 51	15 29	0 8	3 21	1 26	23 46	0 13	23 35	0 32	20 43	1 8	26 57	16 47	5 57	6 3	18 48			n.a.
W11	22 40	0 13	1 33	16 55	1 14	24 33	1 51	15 43	0 8	3 20	1 26	23 47	0 13	23 35	0 32	20 43	1 8	26 57	16 47	5 57	6 5	18 48			n.a.
T 12	22 47	3s52	2 33	17 23	1 6	24 23	1 50	15 57	0 7	3 18	1 25	23 47	0 13	23 35	0 32	20 43	1 8	26 56	16 46	5 58	6 6	18 49			n.a.
F 13	22 54	7 43	3 26	17 51	0 58	24 13	1 50	16 11	0 6	3 17	1 25	23 48	0 13	23 35	0 32	20 44	1 8	26 56	16 46	6 0	6 7	18 49			n.a.
S 14	23 1	11 11	4 7	18 18	0 49	24 1	1 49	16 25	0 6	3 15	1 25	23 48	0 13	23 36	0 32	20 44	1 8	26 55	16 46	6 4	6 8	18 49			n.a.
S 15	23 7	14 9	4 37	18 46	0 41	23 49	1 49	16 39	0 5	3 13	1 24	23 48	0 13	23 36	0 33	20 45	1 8	26 55	16 45	6 8	6 10	18 49			n.a.
M16	23 13	16 29	4 55	19 13	0 33	23 37	1 48	16 52	0 4	3 12	1 24	23 49	0 13	23 36	0 33	20 45	1 8	26 54	16 45	6 14	6 11	18 50			n.a.
T 17	23 19	18 6	4 59	19 39	0 25	23 23	1 48	17 6	0 3	3 10	1 24	23 49	0 14	23 36	0 33	20 45	1 8	26 54	16 45	6 19	6 12	18 50			n.a.
W18	23 23	18 55	4 50	20 5	0 17	23 9	1 47	17 19	0 3	3 8	1 23	23 49	0 14	23 37	0 33	20 46	1 8	26 53	16 44	6 25	6 13	18 50			n.a.
T 19	23 28	18 55	4 29	20 31	0 9	22 54	1 46	17 32	0 2	3 6	1 23	23 50	0 14	23 37	0 33	20 46	1 8	26 52	16 44	6 31	6 14	18 50			n.a.
F 20	23 32	18 5	3 56	20 55	0 1	22 39	1 45	17 45	0 1	3 4	1 23	23 50	0 14	23 37	0 33	20 46	1 8	26 52	16 44	6 35	6 16	18 50			n.a.
S 21	23 35	16 28	3 12	21 19	0s 6	22 23	1 44	17 58	0 1	3 1	1 22	23 50	0 14	23 38	0 33	20 47	1 8	26 51	16 43	6 39	6 17	18 51			n.a.
S 22	23 38	14 7	2 20	21 43	0 13	22 6	1 43	18 11	0s 0	2 59	1 22	23 51	0 14	23 38	0 33	20 47	1 8	26 51	16 43	6 41	6 18	18 51			n.a.
M23	23 41	11 9	1 20	22 5	0 21	21 49	1 42	18 23	0 1	2 57	1 22	23 51	0 14	23 38	0 33	20 48	1 8	26 50	16 43	6 42	6 19	18 51			n.a.
T 24	23 43	7 39	0 16	22 27	0 28	21 31	1 40	18 36	0 2	2 54	1 21	23 51	0 14	23 38	0 33	20 48	1 8	26 50	16 42	6 43	6 21	18 51			n.a.
W25	23 44	3 44	0s50	22 47	0 35	21 12	1 39	18 48	0 2	2 52	1 21	23 52	0 15	23 39	0 33	20 48	1 8	26 49	16 42	6 43	6 22	18 51			n.a.
T 26	23 45	0n28	1 56	23 7	0 41	20 53	1 38	19 0	0 3	2 49	1 21	23 52	0 15	23 39	0 33	20 49	1 8	26 48	16 42	6 43	6 23	18 52			n.a.
F 27	23 46	4 47	2 58	23 26	0 48	20 34	1 36	19 12	0 4	2 47	1 21	23 52	0 15	23 39	0 33	20 49	1 8	26 48	16 41	6 43	6 24	18 52			n.a.
S 28	23 46	8 59	3 51	23 43	0 54	20 13	1 34	19 23	0 5	2 44	1 20	23 53	0 15	23 39	0 33	20 49	1 8	26 47	16 41	6 45	6 26	18 52			n.a.
S 29	23 46	12 50	4 32	24 0	1 0	19 53	1 33	19 35	0 5	2 41	1 20	23 53	0 15	23 40	0 33	20 50	1 8	26 47	16 41	6 47	6 27	18 52			n.a.
M30	23 45	15 59	4 57	24 15	1 6	19 31	1 31	19 46	0 6	2 39	1 20	23 53	0 15	23 40	0 33	20 50	1 8	26 46	16 40	6 51	6 28	18 52			n.a.
T 31	23s44	18n 8	5s 1	24s29	1s12	19s10	1s29	19s57	0s 7	2s36	1s19	23n54	0n15	23n40	0n33	20s50	1n 8	26s45	16s40	6n55	6n29	18s52			n.a.

Julian Day Number = 1485440.5, Delta T = 05h19m09s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'47, Lahiri = -12°52'47 Julian Calendar 1 Dec. 647 BCE == Greg. Calendar 24 Nov. 647 BCE

The year -646 astronomical counting style corresponds to year 647 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

JANUARY 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 12 22	4♉17'14	2♋27	20♐26	12♒ 6	28♏ 7	26♓40	5°R40	12°R57	8♐ 7	0♓56	12°R27	13♍40	2♉30	n.a.	W 1
T 2	6 16 19	5°18'04	17°48	22° 0	13°18	28°51	26°47	5♋36	12♋55	8° 9	0°57	12♍18	13°37	2°36	n.a.	T 2
F 3	6 20 15	6°18'53	2♌56	23°35	14°30	29°36	26°54	5°31	12°52	8°11	0°58	12°10	13°34	2°43	n.a.	F 3
S 4	6 24 12	7°19'40	17°44	25°11	15°42	0♐21	27° 1	5°26	12°49	8°13	0°59	12° 5	13°30	2°50	n.a.	S 4
S 5	6 28 8	8°20'26	2♍ 5	26°48	16°54	1° 5	27° 8	5°21	12°47	8°15	0°59	12° 3	13°27	2°57	n.a.	S 5
M 6	6 32 5	9°21'11	15°57	28°26	18° 6	1°50	27°16	5°16	12°44	8°17	1° 0	12°D 3	13°24	3° 3	n.a.	M 6
T 7	6 36 2	10°21'54	29°21	0♎ 4	19°17	2°35	27°23	5°11	12°42	8°19	1° 1	12° 3	13°21	3°10	n.a.	T 7
W 8	6 39 58	11°22'36	12♎19	1°43	20°29	3°20	27°31	5° 6	12°39	8°21	1° 2	12°R 4	13°18	3°17	n.a.	W 8
T 9	6 43 55	12°23'17	24°56	3°23	21°40	4° 5	27°39	5° 1	12°36	8°23	1° 3	12° 3	13°14	3°23	n.a.	T 9
F 10	6 47 51	13°23'57	7♏17	5° 4	22°52	4°49	27°47	4°57	12°34	8°25	1° 5	12° 0	13°11	3°30	n.a.	F 10
S 11	6 51 48	14°24'35	19°25	6°46	24° 3	5°34	27°55	4°52	12°31	8°27	1° 6	11°54	13° 8	3°37	n.a.	S 11
S 12	6 55 44	15°25'12	1♐25	8°28	25°14	6°19	28° 3	4°47	12°28	8°29	1° 7	11°46	13° 5	3°44	n.a.	S 12
M13	6 59 41	16°25'48	13°19	10°12	26°25	7° 4	28°12	4°42	12°26	8°31	1° 8	11°37	13° 2	3°50	n.a.	M13
T 14	7 3 37	17°26'22	25°11	11°56	27°36	7°49	28°20	4°38	12°23	8°33	1° 9	11°26	12°59	3°57	n.a.	T 14
W15	7 7 34	18°26'54	7♑ 2	13°41	28°47	8°34	28°29	4°33	12°21	8°34	1°10	11°15	12°55	4° 4	n.a.	W15
T 16	7 11 31	19°27'25	18°55	15°27	29°58	9°19	28°38	4°28	12°18	8°36	1°11	11° 4	12°52	4°10	n.a.	T 16
F 17	7 15 27	20°27'54	0♒49	17°14	1♓ 8	10° 4	28°47	4°24	12°15	8°38	1°12	10°56	12°49	4°17	n.a.	F 17
S 18	7 19 24	21°28'21	12°48	19° 2	2°19	10°50	28°56	4°19	12°13	8°40	1°13	10°50	12°46	4°24	n.a.	S 18
S 19	7 23 20	22°28'46	24°52	20°51	3°29	11°35	29° 5	4°15	12°10	8°42	1°15	10°46	12°43	4°31	n.a.	S 19
M20	7 27 17	23°29'10	7♓ 4	22°41	4°39	12°20	29°14	4°10	12° 8	8°43	1°16	10°D44	12°39	4°37	n.a.	M20
T 21	7 31 13	24°29'31	19°28	24°32	5°49	13° 5	29°24	4° 6	12° 5	8°45	1°17	10°45	12°36	4°44	n.a.	T 21
W22	7 35 10	25°29'50	2♈ 6	26°23	6°59	13°50	29°34	4° 1	12° 3	8°47	1°18	10°46	12°33	4°51	n.a.	W22
T 23	7 39 6	26°30'07	15° 1	28°15	8° 9	14°35	29°43	3°57	12° 0	8°49	1°20	10°47	12°30	4°57	n.a.	T 23
F 24	7 43 3	27°30'21	28°18	0♒ 9	9°19	15°21	29°53	3°53	11°57	8°50	1°21	10°R48	12°27	5° 4	n.a.	F 24
S 25	7 47 0	28°30'34	12♉ 0	2° 2	10°28	16° 6	0♈ 3	3°48	11°55	8°52	1°22	10°47	12°24	5°11	n.a.	S 25
S 26	7 50 56	29°30'44	26° 7	3°57	11°37	16°51	0°13	3°44	11°53	8°53	1°23	10°44	12°20	5°18	n.a.	S 26
M27	7 54 53	0♒30'52	10♊38	5°52	12°47	17°36	0°23	3°40	11°50	8°55	1°25	10°40	12°17	5°24	n.a.	M27
T 28	7 58 49	1°30'58	25°30	7°47	13°56	18°22	0°34	3°36	11°48	8°57	1°26	10°34	12°14	5°31	n.a.	T 28
W29	8 2 46	2°31'02	10♋36	9°42	15° 4	19° 7	0°44	3°32	11°45	8°58	1°27	10°28	12°11	5°38	n.a.	W29
T 30	8 6 42	3°31'04	25°47	11°38	16°13	19°52	0°54	3°28	11°43	9° 0	1°29	10°23	12° 8	5°44	n.a.	T 30
F 31	8 10 39	4♒31'03	10♌52	13♒33	17♓22	20♐38	1♈ 5	3♋24	11♋40	9♐ 1	1♓30	10♍19	12♍ 5	5♉51	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23 s42	19n 1	4 s44	24 s42	1 s17	18 s47	1 s27	20 s 8	0 s 8	2 s33	1 s19	23n54	0n15	23n40	0n33	20 s51	1n 8	26 s45	16 s40	6n59	6n31	18 s53			n.a.
T 2	23 40	18 30	4 7	24 54	1 22	18 24	1 25	20 19	0 8	2 30	1 19	23 54	0 15	23 41	0 33	20 51	1 8	26 44	16 40	7 2	6 32	18 53			n.a.
F 3	23 37	16 39	3 12	25 4	1 27	18 1	1 22	20 30	0 9	2 27	1 18	23 55	0 16	23 41	0 33	20 51	1 8	26 44	16 39	7 5	6 33	18 53			n.a.
S 4	23 34	13 44	2 6	25 12	1 32	17 37	1 20	20 40	0 10	2 24	1 18	23 55	0 16	23 41	0 33	20 52	1 8	26 43	16 39	7 7	6 34	18 53			n.a.
S 5	23 30	10 3	0 53	25 20	1 36	17 13	1 18	20 50	0 11	2 20	1 18	23 55	0 16	23 42	0 33	20 52	1 8	26 42	16 39	7 8	6 36	18 53			n.a.
M 6	23 26	5 56	0n21	25 26	1 40	16 49	1 15	21 0	0 12	2 17	1 18	23 56	0 16	23 42	0 33	20 52	1 8	26 42	16 38	7 8	6 37	18 53			n.a.
T 7	23 22	1 39	1 31	25 30	1 44	16 24	1 13	21 10	0 12	2 14	1 17	23 56	0 16	23 42	0 33	20 53	1 8	26 41	16 38	7 8	6 38	18 53			n.a.
W 8	23 17	2 s34	2 34	25 33	1 47	15 58	1 10	21 20	0 13	2 10	1 17	23 56	0 16	23 42	0 33	20 53	1 8	26 41	16 38	7 8	6 39	18 54			n.a.
T 9	23 11	6 34	3 28	25 34	1 50	15 32	1 8	21 29	0 14	2 7	1 17	23 57	0 16	23 43	0 33	20 53	1 8	26 40	16 38	7 8	6 40	18 54			n.a.
F 10	23 5	10 11	4 11	25 33	1 53	15 6	1 5	21 38	0 15	2 4	1 16	23 57	0 16	23 43	0 33	20 53	1 8	26 39	16 37	7 9	6 42	18 54			n.a.
S 11	22 59	13 18	4 42	25 31	1 55	14 40	1 2	21 47	0 15	2 0	1 16	23 57	0 16	23 43	0 33	20 54	1 8	26 39	16 37	7 12	6 43	18 54			n.a.
S 12	22 52	15 50	5 0	25 27	1 57	14 13	0 59	21 56	0 16	1 56	1 16	23 57	0 16	23 43	0 33	20 54	1 8	26 38	16 37	7 15	6 44	18 54			n.a.
M13	22 45	17 41	5 5	25 21	1 59	13 45	0 56	22 4	0 17	1 53	1 16	23 58	0 17	23 44	0 33	20 54	1 8	26 37	16 37	7 18	6 45	18 54			n.a.
T 14	22 37	18 45	4 56	25 13	2 0	13 18	0 53	22 13	0 18	1 49	1 15	23 58	0 17	23 44	0 33	20 55	1 8	26 37	16 36	7 23	6 47	18 54			n.a.
W15	22 29	19 0	4 35	25 4	2 1	12 50	0 50	22 21	0 19	1 45	1 15	23 58	0 17	23 44	0 33	20 55	1 8	26 36	16 36	7 27	6 48	18 55			n.a.
T 16	22 20	18 26	4 2	24 52	2 1	12 22	0 46	22 29	0 19	1 41	1 15	23 59	0 17	23 44	0 33	20 55	1 8	26 35	16 36	7 31	6 49	18 55			n.a.
F 17	22 11	17 2	3 18	24 39	2 1	11 53	0 43	22 36	0 20	1 38	1 14	23 59	0 17	23 45	0 33	20 55	1 8	26 35	16 36	7 34	6 50	18 55			n.a.
S 18	22 2	14 54	2 25	24 23	2 1	11 25	0 40	22 44	0 21	1 34	1 14	23 59	0 17	23 45	0 33	20 56	1 8	26 34	16 35	7 36	6 52	18 55			n.a.
S 19	21 52	12 5	1 25	24 6	2 0	10 56	0 36	22 51	0 22	1 30	1 14	23 59	0 17	23 45	0 33	20 56	1 8	26 33	16 35	7 38	6 53	18 55			n.a.
M20	21 42	8 44	0 20	23 46	1 58	10 27	0 33	22 58	0 23	1 26	1 14	24 0	0 17	23 45	0 33	20 56	1 8	26 33	16 35	7 38	6 54	18 55			n.a.
T 21	21 31	4 57	0 s47	23 25	1 56	9 57	0 29	23 4	0 24	1 22	1 13	24 0	0 17	23 46	0 33	20 56	1 8	26 32	16 35	7 38	6 55	18 55			n.a.
W22	21 20	0 53	1 53	23 1	1 53	9 27	0 25	23 11	0 24	1 18	1 13	24 0	0 17	23 46	0 33	20 57	1 8	26 31	16 35	7 38	6 56	18 55			n.a.
T 23	21 9	3n19	2 55	22 36	1 50	8 58	0 22	23 17	0 25	1 13	1 13	24 0	0 18	23 46	0 33	20 57	1 8	26 31	16 34	7 37	6 58	18 55			n.a.
F 24	20 57	7 27	3 49	22 8	1 47	8 28	0 18	23 23	0 26	1 9	1 13	24 0	0 18	23 46	0 33	20 57	1 8	26 30	16 34	7 37	6 59	18 55			n.a.
S 25	20 45	11 20	4 32	21 38	1 42	7 57	0 14	23 29	0 27	1 5	1 12	24 1	0 18	23 47	0 33	20 57	1 8	26 29	16 34	7 37	7 0	18 56			n.a.
S 26	20 32	14 41	5 0	21 7	1 37	7 27	0 10	23 34	0 28	1 1	1 12	24 1	0 18	23 47	0 33	20 58	1 8	26 29	16 34	7 39	7 1	18 56			n.a.
M27	20 19	17 14	5 10	20 33	1 32	6 57	0 6	23 39	0 28	0 56	1 12	24 1	0 18	23 47	0 33	20 58	1 8	26 28	16 34	7 40	7 3	18 56			n.a.
T 28	20 6	18 42	5 0	19 57	1 26	6 26	0 2	23 44	0 29	0 52	1 12	24 1	0 18	23 47	0 33	20 58	1 8	26 28	16 33	7 42	7 4	18 56			n.a.
W29	19 52	18 53	4 29	19 20	1 19	5 55	0n 2	23 49	0 30	0 48	1 11	24 1	0 18	23 47	0 33	20 58	1 9	26 27	16 33	7 45	7 5	18 56			n.a.
T 30	19 38	17 42	3 38	18 40	1 11	5 25	0 7	23 54	0 31	0 43	1 11	24 2	0 18	23 48	0 33	20 59	1 9	26 26	16 33	7 47	7 6	18 56			n.a.
F 31	19 s24	15n17	2 s33	17 s59	1 s 3	4 s54	0n11	23 s58	0 s32	0 s39	1 s11	24n 2	0n18	23n48	0n33	20 s59	1n 9	26 s26	16 s33	7n48	7n 8	18 s56			n.a.

Julian Day Number = 1485471.5, Delta T = 05h19m07s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'43, Lahiri = -12°52'43 Julian Calendar 1 Jan. 646 BCE == Greg. Calendar 25 Dec. 647 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

FEBRUARY 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 14 35	5♒31'01	25♌42	15♒28	18♓30	21♐23	1♈16	3°R21	11°R38	9♐ 3	1♓31	10°R16	12♍ 1	5♉58	n.a.	S 1
S 2	8 18 32	6°30'56	10♍10	17°23	19°38	22° 9	1°27	3♋17	11♋36	9° 4	1°33	10°D16	11°58	6° 5	n.a.	S 2
M 3	8 22 29	7°30'50	24°11	19°16	20°46	22°54	1°37	3°13	11°34	9° 5	1°34	10♍16	11°55	6°11	n.a.	M 3
T 4	8 26 25	8°30'42	7♎45	21° 8	21°54	23°40	1°48	3°10	11°31	9° 7	1°35	10°18	11°52	6°18	n.a.	T 4
W 5	8 30 22	9°30'32	20°52	22°58	23° 1	24°25	2° 0	3° 6	11°29	9° 8	1°37	10°19	11°49	6°25	n.a.	W 5
T 6	8 34 18	10°30'20	3♏35	24°45	24° 8	25°10	2°11	3° 3	11°27	9°10	1°38	10°20	11°45	6°31	n.a.	T 6
F 7	8 38 15	11°30'06	16° 0	26°30	25°16	25°56	2°22	3° 0	11°25	9°11	1°39	10°R20	11°42	6°38	n.a.	F 7
S 8	8 42 11	12°29'51	28° 9	28°12	26°23	26°41	2°33	2°56	11°23	9°12	1°41	10°19	11°39	6°45	n.a.	S 8
S 9	8 46 8	13°29'33	10♐ 8	29°50	27°29	27°27	2°45	2°53	11°20	9°13	1°42	10°17	11°36	6°52	n.a.	S 9
M10	8 50 4	14°29'14	22° 1	1♓24	28°36	28°13	2°56	2°50	11°18	9°15	1°44	10°13	11°33	6°58	n.a.	M10
T 11	8 54 1	15°28'53	3♑51	2°53	29°42	28°58	3° 8	2°47	11°16	9°16	1°45	10° 9	11°30	7° 5	n.a.	T 11
W12	8 57 57	16°28'30	15°42	4°17	0♈48	29°44	3°20	2°44	11°14	9°17	1°46	10° 5	11°26	7°12	n.a.	W12
T 13	9 1 54	17°28'05	27°37	5°36	1°54	0♑29	3°32	2°42	11°12	9°18	1°48	10° 1	11°23	7°18	n.a.	T 13
F 14	9 5 51	18°27'38	9♒38	6°48	3° 0	1°15	3°43	2°39	11°10	9°19	1°49	9°58	11°20	7°25	n.a.	F 14
S 15	9 9 47	19°27'09	21°46	7°54	4° 5	2° 1	3°55	2°36	11° 8	9°20	1°51	9°56	11°17	7°32	n.a.	S 15
S 16	9 13 44	20°26'37	4♓ 3	8°53	5°10	2°46	4° 7	2°34	11° 7	9°21	1°52	9°D55	11°14	7°38	n.a.	S 16
M17	9 17 40	21°26'04	16°30	9°46	6°15	3°32	4°20	2°31	11° 5	9°22	1°54	9°55	11°11	7°45	n.a.	M17
T 18	9 21 37	22°25'27	29°10	10°30	7°19	4°17	4°32	2°29	11° 3	9°23	1°55	9°56	11° 7	7°52	n.a.	T 18
W19	9 25 33	23°24'49	12♈ 2	11° 8	8°24	5° 3	4°44	2°27	11° 1	9°24	1°57	9°57	11° 4	7°59	n.a.	W19
T 20	9 29 30	24°24'08	25° 9	11°37	9°28	5°49	4°56	2°25	11° 0	9°25	1°58	9°58	11° 1	8° 5	n.a.	T 20
F 21	9 33 26	25°23'25	8♉33	12° 0	10°31	6°34	5° 9	2°23	10°58	9°26	2° 0	9°59	10°58	8°12	n.a.	F 21
S 22	9 37 23	26°22'40	22°13	12°14	11°35	7°20	5°21	2°21	10°56	9°27	2° 1	10°R 0	10°55	8°19	n.a.	S 22
S 23	9 41 20	27°21'52	6♊12	12°R21	12°38	8° 6	5°34	2°19	10°55	9°28	2° 2	10° 0	10°51	8°25	n.a.	S 23
M24	9 45 16	28°21'01	20°28	12°20	13°41	8°51	5°46	2°18	10°53	9°28	2° 4	9°59	10°48	8°32	n.a.	M24
T 25	9 49 13	29°20'08	4♋59	12°12	14°43	9°37	5°59	2°16	10°52	9°29	2° 5	9°58	10°45	8°39	n.a.	T 25
W26	9 53 9	0♓19'13	19°40	11°57	15°45	10°23	6°12	2°14	10°50	9°30	2° 7	9°57	10°42	8°46	n.a.	W26
T 27	9 57 6	1°18'15	4♌26	11°36	16°47	11° 8	6°25	2°13	10°49	9°31	2° 8	9°56	10°39	8°52	n.a.	T 27
F 28	10 1 2	2♓17'15	19♌10	11♓ 8	17♈48	11♑54	6♈37	2♋12	10♋47	9♐31	2♓10	9♍55	10♍36	8♉59	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 9	11n54	1s19	17s17	0s54	4s23	0n15	24s 2	0s33	0s34	1s11	24n 2	0n18	23n48	0n33	20s59	1n 9	26s25	16s33	7n49	7n 9	18s56		n.a.
S 2	18 54	7 51	0 1	16 33	0 45	3 52	0 20	24 5	0 34	0 30	1 11	24 2	0 18	23 48	0 33	20 59	1 9	26 24	16 33	7 49	7 10	18 56		n.a.
M 3	18 39	3 30	1n15	15 48	0 35	3 21	0 24	24 9	0 34	0 25	1 10	24 2	0 19	23 48	0 33	20 59	1 9	26 24	16 32	7 49	7 11	18 56		n.a.
T 4	18 23	0s54	2 25	15 2	0 24	2 49	0 28	24 12	0 35	0 20	1 10	24 3	0 19	23 49	0 33	21 0	1 9	26 23	16 32	7 49	7 12	18 56		n.a.
W 5	18 7	5 6	3 24	14 15	0 13	2 18	0 33	24 15	0 36	0 16	1 10	24 3	0 19	23 49	0 33	21 0	1 9	26 22	16 32	7 48	7 14	18 56		n.a.
T 6	17 51	8 57	4 11	13 28	0 1	1 47	0 37	24 18	0 37	0 11	1 10	24 3	0 19	23 49	0 33	21 0	1 9	26 22	16 32	7 48	7 15	18 56		n.a.
F 7	17 34	12 18	4 46	12 40	0n12	1 16	0 42	24 20	0 38	0 6	1 9	24 3	0 19	23 49	0 33	21 0	1 9	26 21	16 32	7 48	7 16	18 56		n.a.
S 8	17 17	15 3	5 6	11 53	0 24	0 45	0 47	24 22	0 39	0 2	1 9	24 3	0 19	23 49	0 33	21 0	1 9	26 20	16 32	7 48	7 17	18 56		n.a.
S 9	17 0	17 6	5 13	11 6	0 38	0 14	0 51	24 24	0 39	0n 3	1 9	24 3	0 19	23 50	0 33	21 0	1 9	26 20	16 32	7 49	7 19	18 56		n.a.
M10	16 43	18 25	5 7	10 20	0 51	0n17	0 56	24 26	0 40	0 8	1 9	24 4	0 19	23 50	0 33	21 1	1 9	26 19	16 32	7 50	7 20	18 56		n.a.
T 11	16 25	18 56	4 47	9 35	1 5	0 48	1 1	24 27	0 41	0 13	1 9	24 4	0 19	23 50	0 33	21 1	1 9	26 19	16 32	7 52	7 21	18 57		n.a.
W12	16 7	18 36	4 15	8 52	1 18	1 20	1 6	24 28	0 42	0 18	1 8	24 4	0 19	23 50	0 33	21 1	1 9	26 18	16 31	7 54	7 22	18 57		n.a.
T 13	15 49	17 28	3 32	8 10	1 32	1 50	1 10	24 29	0 43	0 23	1 8	24 4	0 19	23 50	0 33	21 1	1 9	26 17	16 31	7 55	7 23	18 57		n.a.
F 14	15 30	15 32	2 39	7 30	1 45	2 21	1 15	24 30	0 44	0 28	1 8	24 4	0 19	23 50	0 33	21 1	1 9	26 17	16 31	7 56	7 25	18 57		n.a.
S 15	15 11	12 54	1 38	6 53	1 59	2 52	1 20	24 30	0 45	0 33	1 8	24 4	0 20	23 51	0 33	21 1	1 9	26 16	16 31	7 57	7 26	18 57		n.a.
S 16	14 52	9 40	0 32	6 19	2 12	3 23	1 25	24 30	0 45	0 38	1 8	24 4	0 20	23 51	0 33	21 1	1 9	26 15	16 31	7 57	7 27	18 57		n.a.
M17	14 33	5 57	0s36	5 48	2 24	3 53	1 30	24 30	0 46	0 43	1 8	24 4	0 20	23 51	0 33	21 2	1 9	26 15	16 31	7 57	7 28	18 57		n.a.
T 18	14 14	1 56	1 44	5 20	2 36	4 24	1 35	24 29	0 47	0 48	1 7	24 5	0 20	23 51	0 33	21 2	1 9	26 14	16 31	7 57	7 30	18 57		n.a.
W19	13 54	2n15	2 48	4 55	2 47	4 54	1 40	24 28	0 48	0 53	1 7	24 5	0 20	23 51	0 33	21 2	1 9	26 14	16 31	7 57	7 31	18 57		n.a.
T 20	13 34	6 23	3 45	4 34	2 58	5 24	1 45	24 27	0 49	0 58	1 7	24 5	0 20	23 51	0 33	21 2	1 9	26 13	16 31	7 56	7 32	18 57		n.a.
F 21	13 14	10 17	4 30	4 17	3 7	5 54	1 50	24 26	0 50	1 3	1 7	24 5	0 20	23 51	0 33	21 2	1 9	26 12	16 31	7 56	7 33	18 57		n.a.
S 22	12 54	13 43	5 2	4 4	3 15	6 24	1 55	24 24	0 51	1 8	1 7	24 5	0 20	23 51	0 33	21 2	1 9	26 12	16 31	7 56	7 34	18 57		n.a.
S 23	12 33	16 27	5 16	3 54	3 23	6 53	2 0	24 22	0 51	1 14	1 6	24 5	0 20	23 52	0 33	21 2	1 9	26 11	16 31	7 56	7 36	18 57		n.a.
M24	12 13	18 15	5 11	3 49	3 28	7 23	2 5	24 20	0 52	1 19	1 6	24 5	0 20	23 52	0 33	21 2	1 9	26 11	16 31	7 56	7 37	18 57		n.a.
T 25	11 52	18 54	4 47	3 48	3 33	7 52	2 10	24 18	0 53	1 24	1 6	24 5	0 20	23 52	0 33	21 2	1 9	26 10	16 31	7 56	7 38	18 57		n.a.
W26	11 31	18 17	4 4	3 51	3 36	8 21	2 15	24 15	0 54	1 29	1 6	24 5	0 20	23 52	0 33	21 3	1 9	26 9	16 31	7 57	7 39	18 57		n.a.
T 27	11 10	16 26	3 4	3 58	3 37	8 50	2 20	24 12	0 55	1 34	1 6	24 6	0 20	23 52	0 33	21 3	1 9	26 9	16 31	7 57	7 41	18 57		n.a.
F 28	10s48	13n30	1s53	4s 9	3n37	9n18	2n25	24s 9	0s56	1n40	1s 6	24n 6	0n20	23n52	0n33	21s 3	1n 9	26s 8	16s31	7n57	7n42	18s57		n.a.

Julian Day Number = 1485502.5, Delta T = 05h19m06s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'39, Lahiri = -12°52'39 Julian Calendar 1 Feb. 646 BCE == Greg. Calendar 25 Jan. 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

MARCH 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 4 59	3♓16'13	3♍45	10°R36	18♈49	12♑40	6♈50	2°R11	10°R46	9♐32	2♓11	9°D55	10♍32	9♑ 6	n.a.	S 1
S 2	10 8 55	4°15'08	18° 4	9♓59	19°49	13°25	7° 3	2♋10	10♋45	9°32	2°13	9♍55	10°29	9°12	n.a.	S 2
M 3	10 12 52	5°14'02	2♎ 2	9°18	20°50	14°11	7°16	2° 9	10°44	9°33	2°14	9°55	10°26	9°19	n.a.	M 3
T 4	10 16 48	6°12'53	15°38	8°34	21°49	14°57	7°29	2° 8	10°43	9°34	2°16	9°55	10°23	9°26	n.a.	T 4
W 5	10 20 45	7°11'43	28°50	7°48	22°49	15°42	7°42	2° 7	10°41	9°34	2°17	9°56	10°20	9°32	n.a.	W 5
T 6	10 24 42	8°10'30	11♏39	7° 2	23°48	16°28	7°55	2° 6	10°40	9°34	2°19	9°56	10°17	9°39	n.a.	T 6
F 7	10 28 38	9° 9'16	24° 8	6°15	24°46	17°14	8° 9	2° 6	10°39	9°35	2°20	9°56	10°13	9°46	n.a.	F 7
S 8	10 32 35	10° 8'00	6♐21	5°28	25°44	17°59	8°22	2° 6	10°38	9°35	2°22	9°56	10°10	9°53	n.a.	S 8
S 9	10 36 31	11° 6'43	18°22	4°44	26°42	18°45	8°35	2° 5	10°37	9°36	2°23	9°56	10° 7	9°59	n.a.	S 9
M10	10 40 28	12° 5'23	0♑16	4° 1	27°39	19°31	8°49	2° 5	10°37	9°36	2°25	9°56	10° 4	10° 6	n.a.	M10
T 11	10 44 24	13° 4'01	12° 7	3°22	28°35	20°16	9° 2	2°D 5	10°36	9°36	2°26	9°56	10° 1	10°13	n.a.	T 11
W12	10 48 21	14° 2'38	24° 0	2°46	29°31	21° 2	9°15	2° 5	10°35	9°37	2°27	9°57	9°57	10°19	n.a.	W12
T 13	10 52 17	15° 1'13	5♒58	2°14	0♉26	21°47	9°29	2° 5	10°34	9°37	2°29	9°57	9°54	10°26	n.a.	T 13
F 14	10 56 14	15°59'46	18° 5	1°47	1°21	22°33	9°42	2° 5	10°34	9°37	2°30	9°58	9°51	10°33	n.a.	F 14
S 15	11 0 11	16°58'17	0♓23	1°24	2°16	23°19	9°56	2° 6	10°33	9°37	2°32	9°58	9°48	10°40	n.a.	S 15
S 16	11 4 7	17°56'46	12°55	1° 6	3° 9	24° 4	10° 9	2° 6	10°32	9°37	2°33	9°R58	9°45	10°46	n.a.	S 16
M17	11 8 4	18°55'13	25°41	0°54	4° 3	24°50	10°23	2° 7	10°32	9°37	2°35	9°58	9°42	10°53	n.a.	M17
T 18	11 12 0	19°53'38	8♈42	0°46	4°55	25°35	10°37	2° 7	10°32	9°37	2°36	9°57	9°38	11° 0	n.a.	T 18
W19	11 15 57	20°52'01	21°57	0°D43	5°47	26°21	10°50	2° 8	10°31	9°R37	2°37	9°56	9°35	11° 6	n.a.	W19
T 20	11 19 53	21°50'22	5♉26	0°46	6°38	27° 7	11° 4	2° 9	10°31	9°37	2°39	9°54	9°32	11°13	n.a.	T 20
F 21	11 23 50	22°48'41	19° 7	0°54	7°28	27°52	11°18	2°10	10°30	9°37	2°40	9°53	9°29	11°20	n.a.	F 21
S 22	11 27 46	23°46'58	3♊ 0	1° 6	8°18	28°38	11°32	2°11	10°30	9°37	2°42	9°52	9°26	11°26	n.a.	S 22
S 23	11 31 43	24°45'12	17° 2	1°23	9° 7	29°23	11°45	2°12	10°30	9°37	2°43	9°51	9°22	11°33	n.a.	S 23
M24	11 35 39	25°43'25	1♋12	1°45	9°55	0♒ 9	11°59	2°14	10°30	9°37	2°44	9°D51	9°19	11°40	n.a.	M24
T 25	11 39 36	26°41'35	15°28	2°11	10°42	0°54	12°13	2°15	10°30	9°37	2°46	9°52	9°16	11°47	n.a.	T 25
W26	11 43 33	27°39'43	29°47	2°41	11°29	1°39	12°27	2°16	10°D30	9°37	2°47	9°53	9°13	11°53	n.a.	W26
T 27	11 47 29	28°37'49	14♌ 6	3°16	12°14	2°25	12°41	2°18	10°30	9°36	2°49	9°54	9°10	12° 0	n.a.	T 27
F 28	11 51 26	29°35'53	28°22	3°54	12°59	3°10	12°55	2°20	10°30	9°36	2°50	9°55	9° 7	12° 7	n.a.	F 28
S 29	11 55 22	0♈33'55	12♍30	4°36	13°42	3°56	13° 9	2°22	10°30	9°36	2°51	9°R55	9° 3	12°13	n.a.	S 29
S 30	11 59 19	1°31'55	26°28	5°22	14°25	4°41	13°22	2°24	10°30	9°36	2°53	9°54	9° 0	12°20	n.a.	S 30
M31	12 3 15	2♈29'53	10♎11	6♓11	15♉ 6	5♒26	13♈36	2♋26	10♋31	9♐35	2♓54	9♍53	8♍57	12♑27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s27	9n44	0s34	4s23	3n35	9n46	2n30	24s 6	0s57	1n45	1s 5	24n 6	0n21	23n52	0n33	21s 3	1n 9	26s 8	16s31	7n57	7n43	18s57		n.a.
S 2	10 5	5 28	0n45	4 41	3 31	10 14	2 35	24 2	0 57	1 50	1 5	24 6	0 21	23 52	0 33	21 3	1 9	26 7	16 31	7 57	7 44	18 57		n.a.
M 3	9 43	1 0	2 0	5 1	3 26	10 42	2 39	23 58	0 58	1 56	1 5	24 6	0 21	23 52	0 33	21 3	1 9	26 7	16 31	7 57	7 45	18 56		n.a.
T 4	9 21	3s23	3 6	5 24	3 19	11 9	2 44	23 54	0 59	2 1	1 5	24 6	0 21	23 52	0 33	21 3	1 9	26 6	16 31	7 57	7 47	18 56		n.a.
W 5	8 59	7 29	3 59	5 49	3 10	11 36	2 49	23 49	1 0	2 6	1 5	24 6	0 21	23 53	0 33	21 3	1 9	26 6	16 31	7 57	7 48	18 56		n.a.
T 6	8 37	11 6	4 40	6 16	3 0	12 3	2 54	23 45	1 1	2 12	1 5	24 6	0 21	23 53	0 33	21 3	1 9	26 5	16 31	7 57	7 49	18 56		n.a.
F 7	8 15	14 8	5 5	6 44	2 48	12 29	2 59	23 40	1 2	2 17	1 5	24 6	0 21	23 53	0 33	21 3	1 9	26 5	16 31	7 57	7 50	18 56		n.a.
S 8	7 52	16 28	5 17	7 13	2 36	12 55	3 4	23 34	1 2	2 23	1 4	24 6	0 21	23 53	0 33	21 3	1 9	26 4	16 31	7 57	7 52	18 56		n.a.
S 9	7 30	18 2	5 14	7 42	2 22	13 21	3 8	23 29	1 3	2 28	1 4	24 6	0 21	23 53	0 33	21 3	1 10	26 4	16 31	7 57	7 53	18 56		n.a.
M10	7 7	18 49	4 58	8 11	2 8	13 47	3 13	23 23	1 4	2 34	1 4	24 6	0 21	23 53	0 33	21 3	1 10	26 3	16 31	7 57	7 54	18 56		n.a.
T 11	6 45	18 45	4 29	8 40	1 53	14 12	3 18	23 17	1 5	2 39	1 4	24 6	0 21	23 53	0 32	21 3	1 10	26 3	16 31	7 57	7 55	18 56		n.a.
W12	6 22	17 52	3 48	9 8	1 37	14 36	3 22	23 11	1 6	2 44	1 4	24 7	0 21	23 53	0 32	21 3	1 10	26 2	16 31	7 57	7 56	18 56		n.a.
T 13	5 59	16 10	2 58	9 34	1 21	15 0	3 27	23 4	1 7	2 50	1 4	24 7	0 21	23 53	0 32	21 3	1 10	26 2	16 31	7 56	7 58	18 56		n.a.
F 14	5 36	13 45	1 59	9 59	1 5	15 24	3 32	22 58	1 7	2 55	1 4	24 7	0 21	23 53	0 32	21 3	1 10	26 1	16 31	7 56	7 59	18 56		n.a.
S 15	5 13	10 40	0 53	10 22	0 49	15 48	3 36	22 51	1 8	3 1	1 3	24 7	0 21	23 53	0 32	21 3	1 10	26 1	16 31	7 56	8 0	18 56		n.a.
S 16	4 50	7 3	0s16	10 43	0 33	16 11	3 40	22 44	1 9	3 6	1 3	24 7	0 22	23 53	0 32	21 3	1 10	26 0	16 32	7 56	8 1	18 56		n.a.
M17	4 27	3 3	1 26	11 2	0 18	16 33	3 45	22 36	1 10	3 12	1 3	24 7	0 22	23 53	0 32	21 3	1 10	26 0	16 32	7 56	8 2	18 56		n.a.
T 18	4 3	1n10	2 33	11 19	0 2	16 55	3 49	22 28	1 11	3 17	1 3	24 7	0 22	23 53	0 32	21 3	1 10	25 59	16 32	7 57	8 4	18 56		n.a.
W19	3 40	5 23	3 32	11 34	0s13	17 17	3 53	22 21	1 12	3 23	1 3	24 7	0 22	23 53	0 32	21 3	1 10	25 59	16 32	7 57	8 5	18 55		n.a.
T 20	3 17	9 25	4 21	11 46	0 27	17 38	3 57	22 12	1 12	3 29	1 3	24 7	0 22	23 53	0 32	21 3	1 10	25 58	16 32	7 58	8 6	18 55		n.a.
F 21	2 53	13 0	4 56	11 56	0 41	17 59	4 1	22 4	1 13	3 34	1 3	24 7	0 22	23 53	0 32	21 3	1 10	25 58	16 32	7 58	8 7	18 55		n.a.
S 22	2 30	15 55	5 14	12 4	0 54	18 19	4 5	21 56	1 14	3 40	1 3	24 7	0 22	23 53	0 32	21 3	1 10	25 58	16 32	7 59	8 9	18 55		n.a.
S 23	2 7	17 56	5 14	12 10	1 6	18 39	4 9	21 47	1 15	3 45	1 3	24 7	0 22	23 53	0 32	21 3	1 10	25 57	16 32	7 59	8 10	18 55		n.a.
M24	1 43	18 51	4 55	12 13	1 18	18 58	4 12	21 38	1 16	3 51	1 2	24 7	0 22	23 53	0 32	21 3	1 10	25 57	16 32	7 59	8 11	18 55		n.a.
T 25	1 20	18 36	4 17	12 13	1 29	19 17	4 16	21 29	1 16	3 56	1 2	24 7	0 22	23 53	0 32	21 3	1 10	25 56	16 33	7 59	8 12	18 55		n.a.
W26	0 57	17 9	3 24	12 12	1 39	19 35	4 19	21 19	1 17	4 2	1 2	24 7	0 22	23 53	0 32	21 3	1 10	25 56	16 33	7 58	8 13	18 55		n.a.
T 27	0 33	14 38	2 18	12 8	1 49	19 53	4 23	21 9	1 18	4 7	1 2	24 7	0 22	23 53	0 32	21 3	1 10	25 56	16 33	7 58	8 15	18 55		n.a.
F 28	0 10	11 13	1 3	12 3	1 58	20 10	4 26	21 0	1 19	4 13	1 2	24 7	0 22	23 53	0 32	21 3	1 10	25 55	16 33	7 57	8 16	18 55		n.a.
S 29	0n14	7 11	0n14	11 55	2 6	20 26	4 29	20 50	1 19	4 19	1 2	24 7	0 22	23 53	0 32	21 3	1 10	25 55	16 33	7 57	8 17	18 54		n.a.
S 30	0 37	2 48	1 30	11 44	2 14	20 42	4 32	20 39	1 20	4 24	1 2	24 7	0 22	23 53	0 32	21 2	1 10	25 55	16 33	7 58	8 18	18 54		n.a.
M31	1n 0	1s39	2n39	11s32	2s20	20n58	4n35	20s29	1s21	4n30	1s 2	24n 7	0n22	23n53	0n32	21s 2	1n10	25s54	16s34	7n58	8n19	18s54		n.a.

Julian Day Number = 1485530.5, Delta T = 05h19m04s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'35, Lahiri = -12°52'35 Julian Calendar 1 March 646 BCE == Greg. Calendar 22 Feb. 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

APRIL 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 7 12	3♈27'49	23♎37	7♓ 4	15♉47	6♒12	13♈50	2♋28	10♋31	9°R35	2♓55	9°R50	8♍54	12♑33	n.a.	T 1
W 2	12 11 8	4°25'44	6♏44	7°59	16°26	6°57	14° 4	2°30	10°31	9♐34	2°56	9♍46	8°51	12°40	n.a.	W 2
T 3	12 15 5	5°23'37	19°31	8°58	17° 4	7°42	14°18	2°32	10°32	9°34	2°58	9°42	8°48	12°47	n.a.	T 3
F 4	12 19 1	6°21'29	2♐ 1	10° 0	17°41	8°27	14°32	2°35	10°32	9°34	2°59	9°38	8°44	12°54	n.a.	F 4
S 5	12 22 58	7°19'20	14°16	11° 5	18°17	9°12	14°46	2°37	10°33	9°33	3° 0	9°35	8°41	13° 0	n.a.	S 5
S 6	12 26 55	8°17'09	26°18	12°12	18°51	9°58	15° 0	2°40	10°33	9°32	3° 1	9°33	8°38	13° 7	n.a.	S 6
M 7	12 30 51	9°14'57	8♑13	13°22	19°24	10°43	15°14	2°43	10°34	9°32	3° 3	9°D33	8°35	13°14	n.a.	M 7
T 8	12 34 48	10°12'44	20° 5	14°35	19°56	11°28	15°29	2°45	10°34	9°31	3° 4	9°33	8°32	13°20	n.a.	T 8
W 9	12 38 44	11°10'29	1♒58	15°50	20°26	12°13	15°43	2°48	10°35	9°31	3° 5	9°35	8°28	13°27	n.a.	W 9
T 10	12 42 41	12° 8'13	13°58	17° 8	20°55	12°58	15°57	2°51	10°36	9°30	3° 6	9°36	8°25	13°34	n.a.	T 10
F 11	12 46 37	13° 5'56	26° 9	18°28	21°22	13°43	16°11	2°54	10°37	9°29	3° 8	9°38	8°22	13°40	n.a.	F 11
S 12	12 50 34	14° 3'37	8♓35	19°51	21°48	14°28	16°25	2°58	10°38	9°29	3° 9	9°R38	8°19	13°47	n.a.	S 12
S 13	12 54 30	15° 1'17	21°19	21°16	22°12	15°13	16°39	3° 1	10°39	9°28	3°10	9°38	8°16	13°54	n.a.	S 13
M14	12 58 27	15°58'56	4♈22	22°43	22°34	15°58	16°53	3° 4	10°40	9°27	3°11	9°36	8°13	14° 1	n.a.	M14
T 15	13 2 24	16°56'33	17°45	24°13	22°54	16°43	17° 7	3° 8	10°41	9°26	3°12	9°32	8° 9	14° 7	n.a.	T 15
W16	13 6 20	17°54'09	1♉26	25°45	23°13	17°27	17°21	3°11	10°42	9°25	3°13	9°26	8° 6	14°14	n.a.	W16
T 17	13 10 17	18°51'44	15°22	27°19	23°30	18°12	17°35	3°15	10°43	9°25	3°14	9°20	8° 3	14°21	n.a.	T 17
F 18	13 14 13	19°49'18	29°29	28°55	23°44	18°57	17°49	3°19	10°44	9°24	3°15	9°14	8° 0	14°27	n.a.	F 18
S 19	13 18 10	20°46'49	13♊43	0♈34	23°57	19°42	18° 3	3°23	10°45	9°23	3°17	9° 9	7°57	14°34	n.a.	S 19
S 20	13 22 6	21°44'20	28° 0	2°14	24° 8	20°26	18°17	3°27	10°47	9°22	3°18	9° 5	7°53	14°41	n.a.	S 20
M21	13 26 3	22°41'49	12♋15	3°57	24°16	21°11	18°31	3°31	10°48	9°21	3°19	9° 3	7°50	14°47	n.a.	M21
T 22	13 29 59	23°39'16	26°27	5°43	24°22	21°55	18°45	3°35	10°49	9°20	3°20	9°D 2	7°47	14°54	n.a.	T 22
W23	13 33 56	24°36'42	10♌33	7°30	24°26	22°40	18°59	3°39	10°51	9°19	3°21	9° 3	7°44	15° 1	n.a.	W23
T 24	13 37 53	25°34'07	24°32	9°20	24°R28	23°24	19°13	3°43	10°52	9°18	3°22	9° 4	7°41	15° 7	n.a.	T 24
F 25	13 41 49	26°31'30	8♍23	11°12	24°27	24° 9	19°27	3°47	10°54	9°17	3°23	9°R 5	7°38	15°14	n.a.	F 25
S 26	13 45 46	27°28'51	22° 6	13° 5	24°24	24°53	19°41	3°52	10°55	9°16	3°24	9° 4	7°34	15°21	n.a.	S 26
S 27	13 49 42	28°26'12	5♎38	15° 2	24°19	25°37	19°55	3°56	10°57	9°15	3°24	9° 1	7°31	15°28	n.a.	S 27
M28	13 53 39	29°23'31	18°59	17° 0	24°11	26°21	20° 9	4° 1	10°59	9°14	3°25	8°56	7°28	15°34	n.a.	M28
T 29	13 57 35	0♉20'49	2♏ 6	19° 0	24° 0	27° 6	20°23	4° 6	11° 0	9°12	3°26	8°49	7°25	15°41	n.a.	T 29
W30	14 1 32	1♉18'07	15♏ 0	21♈ 2	23♉48	27♒50	20♈37	4♋10	11♋ 2	9♐11	3♓27	8♍41	7♍22	15♑48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n24	5s55	3n38	11s18	2s27	21n12	4n37	20s18	1s22	4n35	1s 2	24n 7	0n22	23n53	0n32	21s 2	1n10	25s54	16s34	7n59	8n21	18s54		n.a.
W 2	1 47	9 48	4 23	11 2	2 32	21 26	4 40	20 7	1 23	4 41	1 2	24 7	0 23	23 53	0 32	21 2	1 10	25 54	16 34	8 1	8 22	18 54		n.a.
T 3	2 10	13 8	4 55	10 44	2 37	21 40	4 42	19 56	1 23	4 46	1 1	24 7	0 23	23 53	0 32	21 2	1 10	25 53	16 34	8 2	8 23	18 54		n.a.
F 4	2 34	15 47	5 11	10 24	2 41	21 53	4 44	19 45	1 24	4 52	1 1	24 7	0 23	23 53	0 32	21 2	1 10	25 53	16 34	8 4	8 24	18 54		n.a.
S 5	2 57	17 39	5 13	10 2	2 44	22 5	4 46	19 34	1 25	4 58	1 1	24 7	0 23	23 53	0 32	21 2	1 10	25 53	16 35	8 5	8 25	18 54		n.a.
S 6	3 20	18 43	5 0	9 38	2 47	22 16	4 48	19 22	1 26	5 3	1 1	24 7	0 23	23 53	0 32	21 2	1 10	25 52	16 35	8 6	8 27	18 53		n.a.
M 7	3 43	18 56	4 35	9 13	2 49	22 27	4 49	19 10	1 26	5 9	1 1	24 7	0 23	23 52	0 32	21 2	1 10	25 52	16 35	8 6	8 28	18 53		n.a.
T 8	4 6	18 19	3 59	8 45	2 50	22 37	4 51	18 58	1 27	5 14	1 1	24 7	0 23	23 52	0 32	21 2	1 10	25 52	16 35	8 6	8 29	18 53		n.a.
W 9	4 29	16 53	3 12	8 16	2 51	22 47	4 52	18 46	1 28	5 20	1 1	24 7	0 23	23 52	0 32	21 1	1 10	25 52	16 35	8 5	8 30	18 53		n.a.
T 10	4 52	14 42	2 16	7 46	2 51	22 56	4 53	18 34	1 28	5 25	1 1	24 7	0 23	23 52	0 32	21 1	1 10	25 51	16 36	8 5	8 32	18 53		n.a.
F 11	5 14	11 50	1 13	7 13	2 50	23 4	4 53	18 22	1 29	5 31	1 1	24 7	0 23	23 52	0 32	21 1	1 10	25 51	16 36	8 4	8 33	18 53		n.a.
S 12	5 37	8 22	0 6	6 39	2 49	23 11	4 53	18 9	1 30	5 36	1 1	24 7	0 23	23 52	0 32	21 1	1 10	25 51	16 36	8 4	8 34	18 52		n.a.
S 13	6 0	4 27	1s 3	6 4	2 47	23 17	4 53	17 56	1 31	5 42	1 1	24 7	0 23	23 52	0 32	21 1	1 10	25 51	16 36	8 4	8 35	18 52		n.a.
M14	6 22	0 14	2 11	5 27	2 45	23 23	4 53	17 43	1 31	5 47	1 1	24 7	0 23	23 52	0 32	21 1	1 10	25 50	16 37	8 5	8 36	18 52		n.a.
T 15	6 45	4n 6	3 12	4 48	2 42	23 28	4 52	17 30	1 32	5 53	1 1	24 7	0 23	23 52	0 32	21 1	1 11	25 50	16 37	8 6	8 38	18 52		n.a.
W16	7 7	8 19	4 5	4 8	2 38	23 32	4 52	17 17	1 33	5 58	1 1	24 7	0 23	23 52	0 32	21 1	1 11	25 50	16 37	8 8	8 39	18 52		n.a.
T 17	7 29	12 9	4 43	3 26	2 34	23 35	4 50	17 4	1 33	6 4	1 0	24 7	0 23	23 52	0 32	21 0	1 11	25 50	16 37	8 11	8 40	18 52		n.a.
F 18	7 51	15 21	5 5	2 43	2 29	23 37	4 49	16 50	1 34	6 9	1 0	24 7	0 23	23 51	0 32	21 0	1 11	25 50	16 38	8 13	8 41	18 51		n.a.
S 19	8 13	17 39	5 9	1 58	2 24	23 38	4 47	16 37	1 35	6 15	1 0	24 7	0 23	23 51	0 32	21 0	1 11	25 49	16 38	8 15	8 42	18 51		n.a.
S 20	8 35	18 52	4 53	1 12	2 18	23 39	4 44	16 23	1 35	6 20	1 0	24 7	0 24	23 51	0 32	21 0	1 11	25 49	16 38	8 16	8 44	18 51		n.a.
M21	8 57	18 54	4 19	0 25	2 11	23 38	4 41	16 9	1 36	6 26	1 0	24 7	0 24	23 51	0 32	21 0	1 11	25 49	16 38	8 17	8 45	18 51		n.a.
T 22	9 18	17 43	3 30	0n24	2 4	23 37	4 38	15 55	1 37	6 31	1 0	24 7	0 24	23 51	0 32	21 0	1 11	25 49	16 39	8 17	8 46	18 51		n.a.
W23	9 40	15 28	2 28	1 14	1 57	23 34	4 35	15 41	1 37	6 37	1 0	24 7	0 24	23 51	0 32	20 59	1 11	25 49	16 39	8 17	8 47	18 50		n.a.
T 24	10 1	12 18	1 18	2 5	1 49	23 31	4 31	15 27	1 38	6 42	1 0	24 7	0 24	23 51	0 32	20 59	1 11	25 49	16 39	8 17	8 48	18 50		n.a.
F 25	10 22	8 29	0 4	2 57	1 41	23 26	4 26	15 12	1 39	6 48	1 0	24 7	0 24	23 50	0 32	20 59	1 11	25 49	16 40	8 16	8 50	18 50		n.a.
S 26	10 43	4 15	1n10	3 50	1 32	23 20	4 21	14 58	1 39	6 53	1 0	24 7	0 24	23 50	0 32	20 59	1 11	25 49	16 40	8 17	8 51	18 50		n.a.
S 27	11 4	0s10	2 18	4 44	1 23	23 14	4 15	14 43	1 40	6 58	1 0	24 7	0 24	23 50	0 32	20 59	1 11	25 49	16 40	8 18	8 52	18 50		n.a.
M28	11 25	4 29	3 18	5 38	1 13	23 6	4 9	14 28	1 40	7 4	1 0	24 6	0 24	23 50	0 31	20 58	1 11	25 48	16 40	8 20	8 53	18 49		n.a.
T 29	11 45	8 32	4 6	6 34	1 3	22 57	4 3	14 14	1 41	7 9	1 0	24 6	0 24	23 50	0 31	20 58	1 11	25 48	16 41	8 22	8 54	18 49		n.a.
W30	12n 5	12s 6	4n40	7n30	0s53	22n47	3n56	13s59	1s42	7n14	1s 0	24n 6	0n24	23n50	0n31	20s58	1n11	25s48	16s41	8n26	8n56	18s49		n.a.

Julian Day Number = 1485561.5, Delta T = 05h19m03s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'31, Lahiri = -12°52'30 Julian Calendar 1 Apr. 646 BCE == Greg. Calendar 25 March 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

MAY 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 5 28	2♉15'23	27♏39	23♈ 6	23°R32	28♒34	20♈51	4♋15	11♋ 4	9°R10	3♓28	8°R31	7♍19	15♑54	n.a.	T 1
F 2	14 9 25	3°12'39	10♐ 3	25°12	23♉15	29°18	21° 5	4°20	11° 6	9♐ 9	3°29	8♍22	7°15	16° 1	n.a.	F 2
S 3	14 13 22	4° 9'54	22°14	27°19	22°55	0♓ 2	21°19	4°25	11° 8	9° 8	3°30	8°14	7°12	16° 8	n.a.	S 3
S 4	14 17 18	5° 7'09	4♑15	29°27	22°33	0°46	21°33	4°30	11°10	9° 6	3°31	8° 7	7° 9	16°14	n.a.	S 4
M 5	14 21 15	6° 4'23	16° 9	1♉37	22° 9	1°29	21°46	4°35	11°12	9° 5	3°31	8° 3	7° 6	16°21	n.a.	M 5
T 6	14 25 11	7° 1'36	28° 0	3°47	21°43	2°13	22° 0	4°40	11°14	9° 4	3°32	8° 1	7° 3	16°28	n.a.	T 6
W 7	14 29 8	7°58'49	9♒52	5°59	21°14	2°57	22°14	4°45	11°16	9° 2	3°33	8°D 0	6°59	16°35	n.a.	W 7
T 8	14 33 4	8°56'01	21°52	8°10	20°44	3°40	22°28	4°51	11°18	9° 1	3°34	8° 1	6°56	16°41	n.a.	T 8
F 9	14 37 1	9°53'13	4♓ 4	10°22	20°13	4°24	22°42	4°56	11°20	9° 0	3°34	8°R 2	6°53	16°48	n.a.	F 9
S 10	14 40 57	10°50'25	16°33	12°33	19°40	5° 8	22°55	5° 2	11°22	8°58	3°35	8° 1	6°50	16°55	n.a.	S 10
S 11	14 44 54	11°47'36	29°23	14°45	19° 5	5°51	23° 9	5° 7	11°25	8°57	3°36	7°59	6°47	17° 1	n.a.	S 11
M12	14 48 51	12°44'47	12♈38	16°55	18°30	6°34	23°23	5°13	11°27	8°56	3°36	7°55	6°44	17° 8	n.a.	M12
T 13	14 52 47	13°41'57	26°17	19° 5	17°54	7°18	23°36	5°18	11°29	8°54	3°37	7°48	6°40	17°15	n.a.	T 13
W14	14 56 44	14°39'08	10♉19	21°13	17°17	8° 1	23°50	5°24	11°32	8°53	3°38	7°40	6°37	17°21	n.a.	W14
T 15	15 0 40	15°36'17	24°40	23°20	16°39	8°44	24° 3	5°30	11°34	8°51	3°38	7°30	6°34	17°28	n.a.	T 15
F 16	15 4 37	16°33'27	9♊14	25°26	16° 2	9°27	24°17	5°36	11°37	8°50	3°39	7°19	6°31	17°35	n.a.	F 16
S 17	15 8 33	17°30'35	23°54	27°30	15°24	10°10	24°30	5°42	11°39	8°48	3°39	7°10	6°28	17°41	n.a.	S 17
S 18	15 12 30	18°27'44	8♋32	29°32	14°47	10°53	24°44	5°48	11°42	8°47	3°40	7° 3	6°24	17°48	n.a.	S 18
M19	15 16 26	19°24'51	23° 2	1♊32	14°11	11°36	24°57	5°54	11°44	8°45	3°40	6°59	6°21	17°55	n.a.	M19
T 20	15 20 23	20°21'58	7♌21	3°30	13°35	12°18	25°10	6° 0	11°47	8°44	3°41	6°56	6°18	18° 1	n.a.	T 20
W21	15 24 20	21°19'05	21°25	5°27	13° 0	13° 1	25°24	6° 6	11°49	8°42	3°41	6°D56	6°15	18° 8	n.a.	W21
T 22	15 28 16	22°16'10	5♍15	7°21	12°26	13°43	25°37	6°12	11°52	8°41	3°42	6°R56	6°12	18°15	n.a.	T 22
F 23	15 32 13	23°13'16	18°51	9°13	11°54	14°26	25°50	6°18	11°55	8°39	3°42	6°55	6° 9	18°22	n.a.	F 23
S 24	15 36 9	24°10'21	2♎13	11° 3	11°23	15° 8	26° 3	6°25	11°58	8°38	3°43	6°53	6° 5	18°28	n.a.	S 24
S 25	15 40 6	25° 7'25	15°24	12°50	10°54	15°51	26°16	6°31	12° 0	8°36	3°43	6°49	6° 2	18°35	n.a.	S 25
M26	15 44 2	26° 4'29	28°23	14°36	10°26	16°33	26°29	6°37	12° 3	8°35	3°43	6°42	5°59	18°42	n.a.	M26
T 27	15 47 59	27° 1'33	11♏11	16°20	10° 1	17°15	26°42	6°44	12° 6	8°33	3°44	6°32	5°56	18°48	n.a.	T 27
W28	15 51 55	27°58'37	23°47	18° 1	9°38	17°57	26°55	6°50	12° 9	8°31	3°44	6°20	5°53	18°55	n.a.	W28
T 29	15 55 52	28°55'41	6♐13	19°40	9°17	18°39	27° 8	6°57	12°12	8°30	3°44	6° 6	5°50	19° 2	n.a.	T 29
F 30	15 59 49	29°52'45	18°27	21°17	8°58	19°21	27°21	7° 3	12°15	8°28	3°45	5°54	5°46	19° 8	n.a.	F 30
S 31	16 3 45	0♊49'50	0♑32	22♊52	8♉42	20♓ 2	27♈34	7♋10	12♋18	8♐27	3♓45	5♍42	5♍43	19♑15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	12n25	15s 2	5n 0	8n26	0s43	22n35	3n48	13s44	1s42	7n20	1s 0	24n 6	0n24	23n49	0n31	20s58	1n11	25s48	16s41	8n29	8n57	18s49			n.a.
F 2	12 45	17 14	5 5	9 23	0 32	22 23	3 40	13 29	1 43	7 25	1 0	24 6	0 24	23 49	0 31	20 58	1 11	25 48	16 42	8 33	8 58	18 48			n.a.
S 3	13 5	18 36	4 57	10 19	0 22	22 9	3 31	13 13	1 43	7 30	1 0	24 6	0 24	23 49	0 31	20 58	1 11	25 48	16 42	8 36	8 59	18 48			n.a.
S 4	13 24	19 7	4 35	11 16	0 11	21 55	3 22	12 58	1 44	7 35	1 0	24 6	0 24	23 49	0 31	20 57	1 11	25 48	16 42	8 38	9 0	18 48			n.a.
M 5	13 44	18 47	4 1	12 12	0 0	21 39	3 12	12 43	1 44	7 41	1 0	24 6	0 24	23 49	0 31	20 57	1 11	25 48	16 43	8 40	9 2	18 48			n.a.
T 6	14 3	17 38	3 17	13 7	0n10	21 22	3 2	12 27	1 45	7 46	1 0	24 6	0 24	23 49	0 31	20 57	1 11	25 48	16 43	8 41	9 3	18 47			n.a.
W 7	14 22	15 42	2 25	14 1	0 21	21 4	2 51	12 12	1 45	7 51	1 0	24 5	0 24	23 48	0 31	20 57	1 11	25 48	16 43	8 41	9 4	18 47			n.a.
T 8	14 40	13 4	1 25	14 55	0 31	20 45	2 40	11 56	1 46	7 56	1 0	24 5	0 24	23 48	0 31	20 56	1 11	25 48	16 44	8 41	9 5	18 47			n.a.
F 9	14 59	9 50	0 21	15 47	0 41	20 25	2 28	11 41	1 47	8 2	1 0	24 5	0 25	23 48	0 31	20 56	1 11	25 48	16 44	8 40	9 6	18 47			n.a.
S 10	15 17	6 5	0s45	16 37	0 50	20 4	2 16	11 25	1 47	8 7	1 0	24 5	0 25	23 48	0 31	20 56	1 11	25 48	16 44	8 41	9 7	18 46			n.a.
S 11	15 35	1 57	1 51	17 26	1 0	19 43	2 3	11 9	1 48	8 12	1 0	24 5	0 25	23 48	0 31	20 56	1 11	25 48	16 45	8 41	9 9	18 46			n.a.
M12	15 53	2n24	2 53	18 13	1 8	19 20	1 50	10 53	1 48	8 17	1 0	24 5	0 25	23 47	0 31	20 56	1 11	25 48	16 45	8 43	9 10	18 46			n.a.
T 13	16 10	6 45	3 47	18 57	1 16	18 57	1 37	10 38	1 49	8 22	0 59	24 5	0 25	23 47	0 31	20 55	1 11	25 48	16 45	8 45	9 11	18 46			n.a.
W14	16 27	10 52	4 29	19 40	1 24	18 34	1 24	10 22	1 49	8 27	0 59	24 4	0 25	23 47	0 31	20 55	1 11	25 49	16 46	8 49	9 12	18 45			n.a.
T 15	16 44	14 26	4 55	20 20	1 31	18 10	1 10	10 6	1 49	8 32	0 59	24 4	0 25	23 47	0 31	20 55	1 11	25 49	16 46	8 53	9 13	18 45			n.a.
F 16	17 1	17 10	5 2	20 57	1 37	17 45	0 56	9 50	1 50	8 37	0 59	24 4	0 25	23 46	0 31	20 55	1 11	25 49	16 46	8 56	9 15	18 45			n.a.
S 17	17 17	18 48	4 50	21 32	1 43	17 21	0 42	9 34	1 50	8 42	0 59	24 4	0 25	23 46	0 31	20 54	1 11	25 49	16 47	9 0	9 16	18 45			n.a.
S 18	17 34	19 12	4 18	22 5	1 48	16 57	0 28	9 18	1 51	8 47	0 59	24 4	0 25	23 46	0 31	20 54	1 11	25 49	16 47	9 3	9 17	18 44			n.a.
M19	17 49	18 19	3 31	22 35	1 52	16 32	0 14	9 1	1 51	8 52	0 59	24 3	0 25	23 46	0 31	20 54	1 11	25 49	16 47	9 4	9 18	18 44			n.a.
T 20	18 5	16 16	2 30	23 2	1 55	16 8	0 0	8 45	1 52	8 57	0 59	24 3	0 25	23 45	0 31	20 54	1 11	25 49	16 48	9 5	9 19	18 44			n.a.
W21	18 20	13 17	1 21	23 27	1 58	15 44	0s14	8 29	1 52	9 2	0 59	24 3	0 25	23 45	0 31	20 53	1 11	25 49	16 48	9 5	9 21	18 43			n.a.
T 22	18 35	9 35	0 9	23 49	2 0	15 21	0 27	8 13	1 53	9 7	0 59	24 3	0 25	23 45	0 31	20 53	1 11	25 50	16 49	9 5	9 22	18 43			n.a.
F 23	18 50	5 26	1n 3	24 9	2 2	14 58	0 41	7 57	1 53	9 12	0 59	24 2	0 25	23 45	0 31	20 53	1 11	25 50	16 49	9 5	9 23	18 43			n.a.
S 24	19 4	1 5	2 10	24 26	2 3	14 36	0 54	7 40	1 53	9 17	0 59	24 2	0 25	23 44	0 31	20 53	1 11	25 50	16 49	9 6	9 24	18 42			n.a.
S 25	19 19	3s15	3 9	24 41	2 3	14 15	1 7	7 24	1 54	9 21	0 59	24 2	0 25	23 44	0 31	20 52	1 11	25 50	16 50	9 8	9 25	18 42			n.a.
M26	19 32	7 22	3 57	24 53	2 2	13 54	1 19	7 8	1 54	9 26	0 59	24 2	0 26	23 44	0 31	20 52	1 11	25 50	16 50	9 11	9 27	18 42			n.a.
T 27	19 46	11 5	4 32	25 4	2 1	13 35	1 31	6 51	1 54	9 31	0 59	24 1	0 26	23 44	0 31	20 52	1 11	25 50	16 50	9 14	9 28	18 41			n.a.
W28	19 59	14 15	4 53	25 12	1 59	13 16	1 43	6 35	1 55	9 36	0 59	24 1	0 26	23 43	0 31	20 52	1 11	25 51	16 51	9 19	9 29	18 41			n.a.
T 29	20 12	16 43	5 0	25 18	1 56	12 59	1 54	6 19	1 55	9 40	0 59	24 1	0 26	23 43	0 31	20 51	1 11	25 51	16 51	9 24	9 30	18 41			n.a.
F 30	20 24	18 24	4 53	25 22	1 53	12 43	2 5	6 2	1 55	9 45	0 59	24 1	0 26	23 43	0 31	20 51	1 11	25 51	16 51	9 29	9 31	18 41			n.a.
S 31	20n36	19s13	4n33	25n24	1n50	12n27	2s16	5s46	1s56	9n50	0s59	24n 0	0n26	23n42	0n31	20s51	1n11	25s51	16s52	9n33	9n32	18s40			n.a.

Julian Day Number = 1485591.5, Delta T = 05h19m02s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'27, Lahiri = -12°52'26 Julian Calendar 1 May 646 BCE == Greg. Calendar 24 Apr. 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

JUNE 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 7 42	1♊46'54	12♉29	24♊24	8°R28	20♓44	27♈47	7♋17	12♋21	8°R25	3♓45	5°R32	5♍40	19♉22	n.a.	S 1
M 2	16 11 38	2°43'59	24°20	25°54	8♉16	21°25	27°59	7°23	12°24	8♐23	3°45	5♍25	5°37	19°28	n.a.	M 2
T 3	16 15 35	3°41'04	6♒ 9	27°22	8° 7	22° 7	28°12	7°30	12°27	8°22	3°46	5°21	5°34	19°35	n.a.	T 3
W 4	16 19 31	4°38'10	18° 0	28°48	8° 1	22°48	28°25	7°37	12°30	8°20	3°46	5°19	5°30	19°42	n.a.	W 4
T 5	16 23 28	5°35'16	29°58	0♋12	7°56	23°29	28°37	7°44	12°33	8°19	3°46	5°18	5°27	19°48	n.a.	T 5
F 6	16 27 25	6°32'22	12♓ 8	1°33	7°D54	24°11	28°50	7°51	12°36	8°17	3°46	5°18	5°24	19°55	n.a.	F 6
S 7	16 31 21	7°29'29	24°37	2°52	7°55	24°52	29° 2	7°58	12°40	8°15	3°46	5°17	5°21	20° 2	n.a.	S 7
S 8	16 35 18	8°26'37	7♈27	4° 8	7°57	25°32	29°14	8° 5	12°43	8°14	3°46	5°15	5°18	20° 9	n.a.	S 8
M 9	16 39 14	9°23'45	20°44	5°22	8° 2	26°13	29°27	8°12	12°46	8°12	3°46	5°11	5°15	20°15	n.a.	M 9
T 10	16 43 11	10°20'54	4♉30	6°33	8° 9	26°54	29°39	8°19	12°49	8°11	3°46	5° 4	5°11	20°22	n.a.	T 10
W11	16 47 7	11°18'04	18°43	7°42	8°19	27°34	29°51	8°26	12°53	8° 9	3°R46	4°54	5° 8	20°29	n.a.	W11
T 12	16 51 4	12°15'15	3♊19	8°48	8°30	28°15	0♉ 3	8°33	12°56	8° 7	3°46	4°44	5° 5	20°35	n.a.	T 12
F 13	16 55 0	13°12'26	18°13	9°52	8°43	28°55	0°15	8°40	12°59	8° 6	3°46	4°33	5° 2	20°42	n.a.	F 13
S 14	16 58 57	14° 9'37	3♋15	10°52	8°59	29°35	0°27	8°47	13° 3	8° 4	3°46	4°23	4°59	20°49	n.a.	S 14
S 15	17 2 54	15° 6'49	18°15	11°50	9°16	0♈15	0°39	8°54	13° 6	8° 2	3°46	4°15	4°56	20°55	n.a.	S 15
M16	17 6 50	16° 4'01	3♌ 4	12°44	9°35	0°55	0°51	9° 2	13° 9	8° 1	3°46	4°10	4°52	21° 2	n.a.	M16
T 17	17 10 47	17° 1'14	17°37	13°35	9°56	1°35	1° 2	9° 9	13°13	7°59	3°46	4° 7	4°49	21° 9	n.a.	T 17
W18	17 14 43	17°58'27	1♍50	14°23	10°19	2°15	1°14	9°16	13°16	7°58	3°46	4°D 6	4°46	21°15	n.a.	W18
T 19	17 18 40	18°55'41	15°41	15° 8	10°43	2°54	1°25	9°23	13°20	7°56	3°46	4°R 6	4°43	21°22	n.a.	T 19
F 20	17 22 36	19°52'55	29°13	15°48	11° 9	3°34	1°37	9°31	13°23	7°54	3°45	4° 6	4°40	21°29	n.a.	F 20
S 21	17 26 33	20°50'09	12♎25	16°25	11°36	4°13	1°48	9°38	13°27	7°53	3°45	4° 4	4°36	21°35	n.a.	S 21
S 22	17 30 29	21°47'24	25°22	16°58	12° 5	4°52	1°59	9°45	13°30	7°51	3°45	4° 0	4°33	21°42	n.a.	S 22
M23	17 34 26	22°44'39	8♏ 5	17°27	12°36	5°31	2°11	9°53	13°34	7°50	3°45	3°54	4°30	21°49	n.a.	M23
T 24	17 38 23	23°41'56	20°37	17°52	13° 8	6°10	2°22	10° 0	13°37	7°48	3°45	3°44	4°27	21°55	n.a.	T 24
W25	17 42 19	24°39'13	2♐58	18°12	13°41	6°48	2°33	10° 8	13°41	7°47	3°44	3°33	4°24	22° 2	n.a.	W25
T 26	17 46 16	25°36'31	15°10	18°27	14°15	7°27	2°44	10°15	13°45	7°45	3°44	3°21	4°21	22° 9	n.a.	T 26
F 27	17 50 12	26°33'50	27°14	18°38	14°51	8° 5	2°54	10°23	13°48	7°44	3°44	3° 9	4°17	22°16	n.a.	F 27
S 28	17 54 9	27°31'09	9♑12	18°43	15°28	8°43	3° 5	10°30	13°52	7°42	3°43	2°58	4°14	22°22	n.a.	S 28
S 29	17 58 5	28°28'30	21° 4	18°R44	16° 6	9°21	3°16	10°38	13°55	7°41	3°43	2°49	4°11	22°29	n.a.	S 29
M30	18 2 2	29♊25'52	2♒53	18♋39	16♉45	9♈59	3♉26	10♋45	13♋59	7♐39	3♓43	2♍43	4♍ 8	22♑36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n48	19s11	4n 1	25n24	1n45	12n13	2s26	5s30	1s56	9n54	1s 0	24n 0	0n26	23n42	0n31	20s51	1n11	25s52	16s52	9n37	9n34	18s40		n.a.
M 2	21 0	18 17	3 19	25 23	1 40	12 1	2 35	5 13	1 56	9 59	1 0	24 0	0 26	23 42	0 31	20 50	1 11	25 52	16 53	9 39	9 35	18 40		n.a.
T 3	21 11	16 37	2 28	25 19	1 35	11 49	2 44	4 57	1 57	10 3	1 0	23 59	0 26	23 42	0 31	20 50	1 11	25 52	16 53	9 41	9 36	18 39		n.a.
W 4	21 22	14 13	1 30	25 15	1 29	11 39	2 53	4 41	1 57	10 8	1 0	23 59	0 26	23 41	0 31	20 50	1 11	25 52	16 53	9 42	9 37	18 39		n.a.
T 5	21 32	11 12	0 28	25 8	1 22	11 30	3 1	4 25	1 57	10 12	1 0	23 59	0 26	23 41	0 31	20 50	1 11	25 53	16 54	9 42	9 38	18 38		n.a.
F 6	21 42	7 39	0s36	25 1	1 15	11 22	3 9	4 8	1 58	10 17	1 0	23 58	0 26	23 41	0 31	20 50	1 11	25 53	16 54	9 42	9 40	18 38		n.a.
S 7	21 52	3 42	1 40	24 52	1 8	11 15	3 16	3 52	1 58	10 21	1 0	23 58	0 26	23 40	0 31	20 49	1 11	25 53	16 54	9 42	9 41	18 38		n.a.
S 8	22 1	0n32	2 41	24 42	0 59	11 9	3 23	3 36	1 58	10 26	1 0	23 58	0 26	23 40	0 31	20 49	1 11	25 54	16 55	9 43	9 42	18 37		n.a.
M 9	22 10	4 53	3 36	24 30	0 51	11 5	3 29	3 20	1 58	10 30	1 0	23 57	0 26	23 40	0 31	20 49	1 11	25 54	16 55	9 45	9 43	18 37		n.a.
T 10	22 19	9 7	4 20	24 18	0 42	11 2	3 35	3 3	1 59	10 34	1 0	23 57	0 26	23 39	0 31	20 49	1 11	25 54	16 56	9 47	9 44	18 37		n.a.
W11	22 27	13 0	4 49	24 5	0 32	11 0	3 41	2 47	1 59	10 39	1 0	23 56	0 27	23 39	0 31	20 48	1 11	25 55	16 56	9 51	9 45	18 36		n.a.
T 12	22 34	16 11	5 1	23 51	0 22	10 58	3 46	2 31	1 59	10 43	1 0	23 56	0 27	23 39	0 31	20 48	1 11	25 55	16 56	9 55	9 47	18 36		n.a.
F 13	22 42	18 23	4 53	23 36	0 12	10 58	3 50	2 15	1 59	10 47	1 0	23 56	0 27	23 38	0 31	20 48	1 11	25 55	16 57	9 59	9 48	18 36		n.a.
S 14	22 49	19 20	4 24	23 20	0 1	10 59	3 55	1 59	1 59	10 51	1 0	23 55	0 27	23 38	0 31	20 48	1 11	25 56	16 57	10 2	9 49	18 35		n.a.
S 15	22 56	18 55	3 37	23 4	0s10	11 1	3 59	1 43	1 59	10 55	1 0	23 55	0 27	23 38	0 31	20 47	1 11	25 56	16 57	10 5	9 50	18 35		n.a.
M16	23 2	17 12	2 36	22 48	0 21	11 4	4 2	1 27	2 0	10 59	1 0	23 54	0 27	23 37	0 31	20 47	1 11	25 56	16 58	10 7	9 51	18 34		n.a.
T 17	23 8	14 24	1 26	22 31	0 33	11 7	4 5	1 11	2 0	11 4	1 0	23 54	0 27	23 37	0 31	20 47	1 11	25 57	16 58	10 8	9 52	18 34		n.a.
W18	23 13	10 47	0 12	22 14	0 45	11 11	4 8	0 56	2 0	11 8	1 0	23 53	0 27	23 37	0 31	20 47	1 11	25 57	16 59	10 8	9 54	18 34		n.a.
T 19	23 18	6 39	1n 1	21 56	0 58	11 17	4 11	0 40	2 0	11 12	1 0	23 53	0 27	23 36	0 31	20 46	1 11	25 58	16 59	10 8	9 55	18 33		n.a.
F 20	23 23	2 17	2 9	21 39	1 11	11 22	4 13	0 24	2 0	11 16	1 0	23 53	0 27	23 36	0 31	20 46	1 11	25 58	16 59	10 8	9 56	18 33		n.a.
S 21	23 27	2s 5	3 8	21 22	1 24	11 29	4 15	0 8	2 0	11 19	1 0	23 52	0 27	23 36	0 31	20 46	1 11	25 58	17 0	10 9	9 57	18 32		n.a.
S 22	23 31	6 16	3 57	21 4	1 37	11 36	4 17	0n 7	2 0	11 23	1 0	23 52	0 27	23 35	0 31	20 46	1 11	25 59	17 0	10 11	9 58	18 32		n.a.
M23	23 34	10 6	4 32	20 47	1 50	11 44	4 18	0 23	2 1	11 27	1 0	23 51	0 27	23 35	0 31	20 45	1 11	25 59	17 0	10 13	10 0	18 32		n.a.
T 24	23 37	13 25	4 54	20 31	2 4	11 53	4 19	0 38	2 1	11 31	1 0	23 51	0 27	23 34	0 31	20 45	1 11	26 0	17 1	10 16	10 1	18 31		n.a.
W25	23 40	16 6	5 2	20 15	2 17	12 2	4 20	0 54	2 1	11 35	1 0	23 50	0 28	23 34	0 31	20 45	1 11	26 0	17 1	10 20	10 2	18 31		n.a.
T 26	23 42	18 2	4 56	19 59	2 31	12 11	4 21	1 9	2 1	11 39	1 0	23 50	0 28	23 34	0 31	20 45	1 11	26 1	17 1	10 25	10 3	18 30		n.a.
F 27	23 44	19 8	4 36	19 45	2 44	12 22	4 21	1 24	2 1	11 42	1 0	23 49	0 28	23 33	0 31	20 44	1 11	26 1	17 2	10 29	10 4	18 30		n.a.
S 28	23 45	19 23	4 5	19 31	2 57	12 32	4 21	1 39	2 1	11 46	1 1	23 49	0 28	23 33	0 31	20 44	1 11	26 1	17 2	10 33	10 5	18 30		n.a.
S 29	23 46	18 45	3 23	19 18	3 10	12 43	4 21	1 55	2 1	11 49	1 1	23 48	0 28	23 33	0 31	20 44	1 10	26 2	17 2	10 36	10 7	18 29		n.a.
M30	23n46	17s19	2n32	19n 6	3s23	12n55	4s21	2n10	2s 1	11n53	1s 1	23n48	0n28	23n32	0n31	20s44	1n10	26s 2	17s 3	10n39	10n 8	18s29		n.a.

Julian Day Number = 1485622.5, Delta T = 05h19m00s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'23, Lahiri = -12°52'22 Julian Calendar 1 June 646 BCE == Greg. Calendar 25 May 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

JULY 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 5 59	0♋23'15	14♒41	18°R29	17♉26	10♈37	3♉37	10♋53	14♋ 3	7°R38	3°R42	2°R39	4♍ 5	22♑42	n.a.	T 1
W 2	18 9 55	1°20'40	26°32	18♋14	18° 7	11°15	3°47	11° 0	14° 6	7♐36	3♓42	2♍37	4° 2	22°49	n.a.	W 2
T 3	18 13 52	2°18'06	8♓30	17°54	18°50	11°52	3°57	11° 8	14°10	7°35	3°41	2°D37	3°58	22°56	n.a.	T 3
F 4	18 17 48	3°15'33	20°40	17°29	19°33	12°29	4° 8	11°16	14°14	7°33	3°41	2°38	3°55	23° 2	n.a.	F 4
S 5	18 21 45	4°13'02	3♈ 6	16°58	20°17	13° 6	4°18	11°23	14°17	7°32	3°40	2°R39	3°52	23° 9	n.a.	S 5
S 6	18 25 41	5°10'32	15°54	16°24	21° 3	13°43	4°28	11°31	14°21	7°31	3°40	2°38	3°49	23°16	n.a.	S 6
M 7	18 29 38	6° 8'04	29° 8	15°45	21°49	14°20	4°37	11°38	14°25	7°29	3°39	2°36	3°46	23°22	n.a.	M 7
T 8	18 33 34	7° 5'37	12♉50	15° 2	22°36	14°57	4°47	11°46	14°28	7°28	3°39	2°31	3°42	23°29	n.a.	T 8
W 9	18 37 31	8° 3'12	27° 2	14°17	23°23	15°33	4°57	11°54	14°32	7°26	3°38	2°25	3°39	23°36	n.a.	W 9
T 10	18 41 28	9° 0'49	11♊40	13°29	24°12	16° 9	5° 6	12° 1	14°36	7°25	3°37	2°17	3°36	23°42	n.a.	T 10
F 11	18 45 24	9°58'27	26°40	12°39	25° 1	16°45	5°16	12° 9	14°40	7°24	3°37	2° 9	3°33	23°49	n.a.	F 11
S 12	18 49 21	10°56'06	11♋51	11°50	25°51	17°21	5°25	12°16	14°43	7°23	3°36	2° 2	3°30	23°56	n.a.	S 12
S 13	18 53 17	11°53'47	27° 5	11° 0	26°42	17°56	5°34	12°24	14°47	7°21	3°36	1°56	3°27	24° 2	n.a.	S 13
M14	18 57 14	12°51'30	12♌10	10°12	27°33	18°32	5°43	12°32	14°51	7°20	3°35	1°53	3°23	24° 9	n.a.	M14
T 15	19 1 10	13°49'13	26°59	9°26	28°25	19° 7	5°52	12°39	14°55	7°19	3°34	1°D51	3°20	24°16	n.a.	T 15
W16	19 5 7	14°46'58	11♍25	8°43	29°18	19°42	6° 1	12°47	14°58	7°18	3°34	1°51	3°17	24°22	n.a.	W16
T 17	19 9 3	15°44'44	25°26	8° 4	0♊11	20°17	6° 9	12°55	15° 2	7°16	3°33	1°52	3°14	24°29	n.a.	T 17
F 18	19 13 0	16°42'32	9♎ 2	7°31	1° 5	20°51	6°18	13° 2	15° 6	7°15	3°32	1°53	3°11	24°36	n.a.	F 18
S 19	19 16 57	17°40'20	22°14	7° 3	1°59	21°25	6°26	13°10	15°10	7°14	3°31	1°R54	3° 8	24°42	n.a.	S 19
S 20	19 20 53	18°38'10	5♏ 6	6°42	2°54	21°59	6°34	13°18	15°13	7°13	3°31	1°52	3° 4	24°49	n.a.	S 20
M21	19 24 50	19°36'01	17°41	6°27	3°49	22°33	6°43	13°25	15°17	7°12	3°30	1°49	3° 1	24°56	n.a.	M21
T 22	19 28 46	20°33'54	0♐ 3	6°D20	4°45	23° 7	6°51	13°33	15°21	7°11	3°29	1°44	2°58	25° 2	n.a.	T 22
W23	19 32 43	21°31'48	12°13	6°21	5°41	23°40	6°58	13°40	15°24	7°10	3°28	1°38	2°55	25° 9	n.a.	W23
T 24	19 36 39	22°29'44	24°15	6°29	6°38	24°13	7° 6	13°48	15°28	7° 9	3°27	1°31	2°52	25°16	n.a.	T 24
F 25	19 40 36	23°27'42	6♑11	6°46	7°36	24°46	7°14	13°56	15°32	7° 8	3°26	1°23	2°48	25°23	n.a.	F 25
S 26	19 44 32	24°25'41	18° 3	7°11	8°34	25°19	7°21	14° 3	15°36	7° 7	3°26	1°17	2°45	25°29	n.a.	S 26
S 27	19 48 29	25°23'41	29°53	7°44	9°32	25°51	7°28	14°11	15°39	7° 6	3°25	1°12	2°42	25°36	n.a.	S 27
M28	19 52 26	26°21'44	11♒42	8°24	10°31	26°23	7°36	14°18	15°43	7° 5	3°24	1° 8	2°39	25°43	n.a.	M28
T 29	19 56 22	27°19'48	23°33	9°13	11°30	26°55	7°43	14°26	15°47	7° 4	3°23	1° 7	2°36	25°49	n.a.	T 29
W30	20 0 19	28°17'55	5♓29	10° 8	12°29	27°27	7°49	14°33	15°50	7° 3	3°22	1°D 6	2°33	25°56	n.a.	W30
T 31	20 4 15	29♋16'03	17♓31	11♋11	13♊29	27♈58	7♉56	14♋41	15♋54	7♐ 2	3♓21	1♍ 7	2♍29	26♑ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n46	15s 9	1n34	18n55	3s35	13n 7	4s20	2n25	2s 1	11n57	1s 1	23n47	0n28	23n32	0n31	20s44	1n10	26s 3	17s 3	10n40	10n 9	18s28			n.a.
W 2	23 46	12 20	0 33	18 46	3 47	13 19	4 19	2 40	2 1	12 0	1 1	23 46	0 28	23 31	0 31	20 43	1 10	26 3	17 4	10 41	10 10	18 28			n.a.
T 3	23 45	8 59	0s32	18 38	3 57	13 31	4 19	2 54	2 1	12 4	1 1	23 46	0 28	23 31	0 31	20 43	1 10	26 4	17 4	10 41	10 11	18 27			n.a.
F 4	23 44	5 12	1 35	18 31	4 7	13 44	4 17	3 9	2 1	12 7	1 1	23 45	0 28	23 31	0 31	20 43	1 10	26 4	17 4	10 41	10 12	18 27			n.a.
S 5	23 42	1 8	2 36	18 27	4 16	13 57	4 16	3 24	2 1	12 10	1 1	23 45	0 28	23 30	0 31	20 43	1 10	26 5	17 5	10 40	10 14	18 26			n.a.
S 6	23 40	3n 6	3 31	18 23	4 24	14 10	4 15	3 38	2 1	12 14	1 1	23 44	0 28	23 30	0 31	20 43	1 10	26 5	17 5	10 41	10 15	18 26			n.a.
M 7	23 38	7 20	4 16	18 22	4 30	14 24	4 13	3 53	2 1	12 17	1 1	23 44	0 28	23 29	0 31	20 42	1 10	26 6	17 5	10 42	10 16	18 26			n.a.
T 8	23 35	11 19	4 49	18 22	4 35	14 37	4 11	4 7	2 1	12 20	1 1	23 43	0 29	23 29	0 31	20 42	1 10	26 6	17 5	10 43	10 17	18 25			n.a.
W 9	23 31	14 49	5 5	18 23	4 38	14 51	4 9	4 21	2 0	12 23	1 1	23 42	0 29	23 29	0 31	20 42	1 10	26 7	17 6	10 45	10 18	18 25			n.a.
T 10	23 28	17 30	5 2	18 27	4 39	15 5	4 7	4 35	2 0	12 26	1 1	23 42	0 29	23 28	0 31	20 42	1 10	26 7	17 6	10 48	10 19	18 24			n.a.
F 11	23 23	19 5	4 39	18 32	4 39	15 19	4 5	4 49	2 0	12 29	1 1	23 41	0 29	23 28	0 31	20 42	1 10	26 8	17 6	10 51	10 21	18 24			n.a.
S 12	23 19	19 19	3 56	18 39	4 37	15 33	4 3	5 3	2 0	12 33	1 2	23 40	0 29	23 27	0 31	20 41	1 10	26 8	17 7	10 54	10 22	18 23			n.a.
S 13	23 14	18 9	2 56	18 47	4 33	15 47	4 0	5 17	2 0	12 36	1 2	23 40	0 29	23 27	0 31	20 41	1 10	26 9	17 7	10 56	10 23	18 23			n.a.
M14	23 8	15 43	1 44	18 56	4 27	16 2	3 58	5 31	2 0	12 38	1 2	23 39	0 29	23 27	0 31	20 41	1 10	26 9	17 7	10 57	10 24	18 22			n.a.
T 15	23 3	12 17	0 26	19 8	4 19	16 16	3 55	5 45	2 0	12 41	1 2	23 39	0 29	23 26	0 31	20 41	1 10	26 10	17 8	10 58	10 25	18 22			n.a.
W16	22 56	8 10	0n52	19 20	4 9	16 30	3 52	5 58	2 0	12 44	1 2	23 38	0 29	23 26	0 31	20 41	1 10	26 10	17 8	10 58	10 26	18 21			n.a.
T 17	22 50	3 44	2 4	19 33	3 58	16 44	3 49	6 11	1 59	12 47	1 2	23 37	0 29	23 25	0 31	20 41	1 10	26 11	17 8	10 57	10 28	18 21			n.a.
F 18	22 43	0s46	3 7	19 48	3 46	16 58	3 46	6 25	1 59	12 50	1 2	23 37	0 29	23 25	0 31	20 40	1 10	26 12	17 9	10 57	10 29	18 20			n.a.
S 19	22 35	5 5	3 59	20 3	3 32	17 12	3 43	6 38	1 59	12 53	1 2	23 36	0 30	23 24	0 31	20 40	1 10	26 12	17 9	10 57	10 30	18 20			n.a.
S 20	22 27	9 4	4 37	20 19	3 17	17 26	3 40	6 51	1 59	12 55	1 2	23 35	0 30	23 24	0 31	20 40	1 10	26 13	17 9	10 57	10 31	18 19			n.a.
M21	22 19	12 32	5 0	20 35	3 2	17 40	3 37	7 4	1 58	12 58	1 2	23 35	0 30	23 24	0 31	20 40	1 10	26 13	17 9	10 58	10 32	18 19			n.a.
T 22	22 10	15 24	5 10	20 52	2 45	17 53	3 33	7 17	1 58	13 0	1 2	23 34	0 30	23 23	0 31	20 40	1 10	26 14	17 10	11 0	10 33	18 18			n.a.
W23	22 1	17 32	5 4	21 9	2 28	18 7	3 30	7 29	1 58	13 3	1 2	23 33	0 30	23 23	0 31	20 40	1 10	26 14	17 10	11 3	10 35	18 18			n.a.
T 24	21 52	18 53	4 46	21 25	2 11	18 20	3 26	7 42	1 58	13 5	1 3	23 32	0 30	23 22	0 31	20 40	1 10	26 15	17 10	11 5	10 36	18 17			n.a.
F 25	21 42	19 23	4 15	21 42	1 54	18 33	3 22	7 54	1 57	13 8	1 3	23 32	0 30	23 22	0 31	20 39	1 10	26 15	17 10	11 8	10 37	18 17			n.a.
S 26	21 32	19 1	3 33	21 58	1 37	18 46	3 19	8 7	1 57	13 10	1 3	23 31	0 30	23 21	0 31	20 39	1 10	26 16	17 11	11 10	10 38	18 16			n.a.
S 27	21 21	17 49	2 42	22 13	1 19	18 58	3 15	8 19	1 57	13 12	1 3	23 30	0 30	23 21	0 31	20 39	1 10	26 17	17 11	11 12	10 39	18 16			n.a.
M28	21 10	15 51	1 44	22 28	1 2	19 11	3 11	8 31	1 56	13 15	1 3	23 30	0 30	23 21	0 31	20 39	1 10	26 17	17 11	11 13	10 40	18 15			n.a.
T 29	20 59	13 12	0 41	22 41	0 46	19 23	3 7	8 43	1 56	13 17	1 3	23 29	0 30	23 20	0 31	20 39	1 9	26 18	17 11	11 14	10 41	18 15			n.a.
W30	20 47	10 0	0s24	22 53	0 30	19 35	3 3	8 55	1 56	13 19	1 3	23 28	0 31	23 20	0 31	20 39	1 9	26 18	17 12	11 14	10 43	18 14			n.a.
T 31	20n35	6s21	1s29	23n 3	0s15	19n46	2s59	9n 6	1s55	13n21	1s 3	23n27	0n31	23n19	0n31	20s39	1n 9	26s19	17s12	11n13	10n44	18s13			n.a.

Julian Day Number = 1485652.5, Delta T = 05h18m59s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'19, Lahiri = -12°52'18 Julian Calendar 1 July 646 BCE == Greg. Calendar 24 June 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

AUGUST 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 8 12	0♌14'13	29♓45	12♋21	14♊29	28♈29	8♉ 3	14♋48	15♋58	7°R 1	3°R20	1♍ 9	2♍26	26♑ 9	n.a.	F 1
S 2	20 12 8	1°12'25	12♈13	13°37	15°30	29° 0	8° 9	14°56	16° 1	7♐ 1	3♓19	1°11	2°23	26°16	n.a.	S 2
S 3	20 16 5	2°10'40	25° 1	14°58	16°31	29°30	8°15	15° 3	16° 5	7° 0	3°18	1°12	2°20	26°23	n.a.	S 3
M 4	20 20 1	3° 8'57	8♉10	16°25	17°32	0♉ 0	8°21	15°10	16° 9	6°59	3°17	1°R12	2°17	26°29	n.a.	M 4
T 5	20 23 58	4° 7'16	21°45	17°57	18°34	0°30	8°27	15°18	16°12	6°58	3°16	1°11	2°13	26°36	n.a.	T 5
W 6	20 27 54	5° 5'37	5♊47	19°32	19°36	1° 0	8°33	15°25	16°16	6°58	3°15	1° 9	2°10	26°43	n.a.	W 6
T 7	20 31 51	6° 4'01	20°15	21°12	20°39	1°29	8°39	15°32	16°19	6°57	3°14	1° 6	2° 7	26°49	n.a.	T 7
F 8	20 35 48	7° 2'26	5♋ 5	22°55	21°41	1°58	8°44	15°40	16°23	6°57	3°13	1° 2	2° 4	26°56	n.a.	F 8
S 9	20 39 44	8° 0'54	20°10	24°40	22°44	2°27	8°49	15°47	16°26	6°56	3°12	0°59	2° 1	27° 3	n.a.	S 9
S 10	20 43 41	8°59'24	5♌22	26°28	23°48	2°55	8°54	15°54	16°30	6°55	3°11	0°57	1°58	27° 9	n.a.	S 10
M11	20 47 37	9°57'56	20°31	28°17	24°51	3°23	8°59	16° 2	16°34	6°55	3°10	0°56	1°54	27°16	n.a.	M11
T 12	20 51 34	10°56'30	5♍28	0♌ 8	25°55	3°50	9° 4	16° 9	16°37	6°54	3° 9	0°D55	1°51	27°23	n.a.	T 12
W13	20 55 30	11°55'06	20° 5	1°59	26°59	4°17	9° 9	16°16	16°40	6°54	3° 8	0°56	1°48	27°29	n.a.	W13
T 14	20 59 27	12°53'44	4♎16	3°51	28° 4	4°44	9°13	16°23	16°44	6°54	3° 7	0°57	1°45	27°36	n.a.	T 14
F 15	21 3 23	13°52'23	18° 1	5°44	29° 8	5°10	9°17	16°30	16°47	6°53	3° 6	0°59	1°42	27°43	n.a.	F 15
S 16	21 7 20	14°51'05	1♏20	7°37	0♋13	5°36	9°21	16°37	16°51	6°53	3° 4	1° 0	1°39	27°49	n.a.	S 16
S 17	21 11 17	15°49'48	14°15	9°30	1°19	6° 2	9°25	16°44	16°54	6°52	3° 3	1°R 0	1°35	27°56	n.a.	S 17
M18	21 15 13	16°48'33	26°50	11°22	2°24	6°27	9°29	16°51	16°58	6°52	3° 2	1° 0	1°32	28° 3	n.a.	M18
T 19	21 19 10	17°47'20	9♐ 8	13°14	3°30	6°52	9°32	16°58	17° 1	6°52	3° 1	0°59	1°29	28° 9	n.a.	T 19
W20	21 23 6	18°46'08	21°13	15° 5	4°36	7°16	9°36	17° 5	17° 4	6°52	3° 0	0°58	1°26	28°16	n.a.	W20
T 21	21 27 3	19°44'59	3♑ 9	16°56	5°42	7°40	9°39	17°12	17° 8	6°51	2°59	0°56	1°23	28°23	n.a.	T 21
F 22	21 30 59	20°43'51	15° 1	18°47	6°48	8° 4	9°42	17°19	17°11	6°51	2°58	0°54	1°19	28°29	n.a.	F 22
S 23	21 34 56	21°42'46	26°50	20°36	7°55	8°27	9°44	17°25	17°14	6°51	2°57	0°53	1°16	28°36	n.a.	S 23
S 24	21 38 52	22°41'43	8♒40	22°25	9° 1	8°50	9°47	17°32	17°17	6°51	2°55	0°52	1°13	28°43	n.a.	S 24
M25	21 42 49	23°40'41	20°33	24°12	10° 8	9°12	9°49	17°39	17°21	6°51	2°54	0°51	1°10	28°49	n.a.	M25
T 26	21 46 45	24°39'42	2♓31	25°59	11°16	9°34	9°52	17°45	17°24	6°51	2°53	0°D51	1° 7	28°56	n.a.	T 26
W27	21 50 42	25°38'45	14°36	27°45	12°23	9°55	9°54	17°52	17°27	6°D51	2°52	0°51	1° 4	29° 3	n.a.	W27
T 28	21 54 39	26°37'50	26°51	29°31	13°31	10°16	9°55	17°59	17°30	6°51	2°51	0°52	1° 0	29° 9	n.a.	T 28
F 29	21 58 35	27°36'57	9♈16	1♍15	14°38	10°36	9°57	18° 5	17°33	6°51	2°50	0°52	0°57	29°16	n.a.	F 29
S 30	22 2 32	28°36'07	21°54	2°58	15°46	10°56	9°58	18°12	17°36	6°51	2°48	0°53	0°54	29°23	n.a.	S 30
S 31	22 6 28	29♌35'19	4♉48	4♍41	16♋55	11♉15	10♉ 0	18♋18	17♋39	6♐51	2♓47	0♍53	0♍51	29♑29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n23	2s24	2s31	23n11	0n 0	19n57	2s55	9n18	1s55	13n23	1s 3	23n27	0n31	23n19	0n31	20s39	1n 9	26s19	17s12	11n13	10n45	18s13		n.a.
S 2	20 10	1n44	3 27	23 18	0 14	20 8	2 51	9 29	1 55	13 25	1 3	23 26	0 31	23 18	0 31	20 39	1 9	26 20	17 12	11 12	10 46	18 12		n.a.
S 3	19 57	5 53	4 14	23 22	0 27	20 19	2 47	9 40	1 54	13 27	1 4	23 25	0 31	23 18	0 31	20 38	1 9	26 20	17 12	11 12	10 47	18 12		n.a.
M 4	19 43	9 52	4 50	23 23	0 39	20 29	2 42	9 51	1 54	13 29	1 4	23 24	0 31	23 18	0 31	20 38	1 9	26 21	17 13	11 12	10 48	18 11		n.a.
T 5	19 30	13 28	5 10	23 22	0 50	20 39	2 38	10 2	1 53	13 31	1 4	23 24	0 31	23 17	0 31	20 38	1 9	26 22	17 13	11 12	10 50	18 11		n.a.
W 6	19 15	16 25	5 13	23 19	1 0	20 48	2 34	10 13	1 53	13 33	1 4	23 23	0 31	23 17	0 31	20 38	1 9	26 22	17 13	11 13	10 51	18 10		n.a.
T 7	19 1	18 28	4 57	23 13	1 9	20 57	2 29	10 24	1 52	13 34	1 4	23 22	0 31	23 16	0 31	20 38	1 9	26 23	17 13	11 14	10 52	18 10		n.a.
F 8	18 46	19 20	4 21	23 4	1 17	21 6	2 25	10 34	1 52	13 36	1 4	23 21	0 31	23 16	0 31	20 38	1 9	26 23	17 13	11 15	10 53	18 9		n.a.
S 9	18 31	18 50	3 26	22 52	1 24	21 14	2 21	10 45	1 51	13 37	1 4	23 21	0 32	23 16	0 31	20 38	1 9	26 24	17 14	11 16	10 54	18 8		n.a.
S 10	18 15	16 59	2 16	22 38	1 31	21 21	2 16	10 55	1 51	13 39	1 4	23 20	0 32	23 15	0 31	20 38	1 9	26 24	17 14	11 17	10 55	18 8		n.a.
M11	18 0	13 57	0 57	22 21	1 36	21 29	2 12	11 5	1 50	13 41	1 4	23 19	0 32	23 15	0 31	20 38	1 9	26 25	17 14	11 18	10 56	18 7		n.a.
T 12	17 44	10 1	0n25	22 2	1 40	21 35	2 7	11 15	1 50	13 42	1 5	23 18	0 32	23 14	0 31	20 38	1 9	26 25	17 14	11 18	10 58	18 7		n.a.
W13	17 27	5 34	1 44	21 40	1 44	21 41	2 3	11 25	1 49	13 43	1 5	23 18	0 32	23 14	0 31	20 38	1 9	26 26	17 14	11 18	10 59	18 6		n.a.
T 14	17 11	0 56	2 54	21 17	1 46	21 47	1 58	11 35	1 49	13 45	1 5	23 17	0 32	23 13	0 31	20 38	1 9	26 27	17 14	11 17	11 0	18 6		n.a.
F 15	16 54	3s36	3 52	20 51	1 48	21 52	1 54	11 44	1 48	13 46	1 5	23 16	0 32	23 13	0 31	20 38	1 9	26 27	17 14	11 17	11 1	18 5		n.a.
S 16	16 36	7 48	4 35	20 23	1 49	21 57	1 49	11 53	1 47	13 47	1 5	23 15	0 32	23 13	0 31	20 38	1 9	26 28	17 15	11 16	11 2	18 4		n.a.
S 17	16 19	11 31	5 3	19 53	1 50	22 1	1 45	12 2	1 47	13 48	1 5	23 15	0 32	23 12	0 31	20 38	1 9	26 28	17 15	11 16	11 3	18 4		n.a.
M18	16 1	14 36	5 16	19 22	1 49	22 5	1 40	12 11	1 46	13 49	1 5	23 14	0 33	23 12	0 31	20 38	1 9	26 29	17 15	11 16	11 5	18 3		n.a.
T 19	15 43	16 58	5 14	18 49	1 49	22 8	1 36	12 20	1 45	13 50	1 5	23 13	0 33	23 11	0 31	20 38	1 9	26 29	17 15	11 17	11 6	18 3		n.a.
W20	15 24	18 32	4 57	18 14	1 47	22 10	1 31	12 29	1 45	13 51	1 5	23 12	0 33	23 11	0 31	20 38	1 8	26 30	17 15	11 17	11 7	18 2		n.a.
T 21	15 6	19 16	4 28	17 39	1 45	22 12	1 26	12 38	1 44	13 52	1 5	23 11	0 33	23 11	0 31	20 38	1 8	26 30	17 15	11 18	11 8	18 1		n.a.
F 22	14 47	19 8	3 48	17 2	1 43	22 14	1 22	12 46	1 43	13 53	1 6	23 11	0 33	23 10	0 31	20 38	1 8	26 31	17 15	11 18	11 9	18 1		n.a.
S 23	14 28	18 10	2 58	16 24	1 40	22 15	1 17	12 54	1 42	13 54	1 6	23 10	0 33	23 10	0 31	20 38	1 8	26 31	17 15	11 19	11 10	18 0		n.a.
S 24	14 8	16 25	2 0	15 45	1 37	22 15	1 13	13 2	1 42	13 54	1 6	23 9	0 33	23 9	0 31	20 38	1 8	26 32	17 15	11 19	11 11	17 59		n.a.
M25	13 49	13 56	0 57	15 5	1 33	22 14	1 8	13 10	1 41	13 55	1 6	23 8	0 33	23 9	0 32	20 38	1 8	26 32	17 15	11 19	11 13	17 59		n.a.
T 26	13 29	10 52	0s 9	14 25	1 29	22 13	1 4	13 18	1 40	13 56	1 6	23 8	0 33	23 9	0 32	20 38	1 8	26 33	17 15	11 19	11 14	17 58		n.a.
W27	13 9	7 18	1 16	13 44	1 24	22 12	1 0	13 25	1 39	13 56	1 6	23 7	0 34	23 8	0 32	20 38	1 8	26 33	17 16	11 19	11 15	17 58		n.a.
T 28	12 49	3 24	2 20	13 2	1 20	22 10	0 55	13 33	1 38	13 57	1 6	23 6	0 34	23 8	0 32	20 38	1 8	26 34	17 16	11 19	11 16	17 57		n.a.
F 29	12 28	0n42	3 18	12 20	1 15	22 7	0 51	13 40	1 37	13 57	1 6	23 5	0 34	23 7	0 32	20 38	1 8	26 34	17 16	11 19	11 17	17 56		n.a.
S 30	12 7	4 50	4 7	11 38	1 9	22 3	0 46	13 47	1 36	13 57	1 6	23 5	0 34	23 7	0 32	20 38	1 8	26 35	17 16	11 19	11 18	17 56		n.a.
S 31	11n46	8n49	4s46	10n55	1n 4	21n59	0s42	13n54	1s35	13n58	1s 7	23n 4	0n34	23n 7	0n32	20s38	1n 8	26s35	17s16	11n19	11n19	17s55		n.a.

Julian Day Number = 1485683.5, Delta T = 05h18m57s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'14, Lahiri = -12°52'14 Julian Calendar 1 Aug. 646 BCE == Greg. Calendar 25 July 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

SEPTEMBER 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 10 25	0♍34'34	18♉ 0	6♍23	18♋ 3	11♉34	10♉ 1	18♋24	17♋42	6♐51	2°R46	0♍53	0♍48	29♏36	n.a.	M 1
T 2	22 14 21	1°33'51	1♊31	8° 4	19°12	11°52	10° 1	18°31	17°45	6°51	2♓45	0°53	0°45	29°43	n.a.	T 2
W 3	22 18 18	2°33'10	15°22	9°44	20°20	12°10	10° 2	18°37	17°48	6°52	2°44	0°53	0°41	29°49	n.a.	W 3
T 4	22 22 14	3°32'33	29°34	11°23	21°29	12°27	10° 2	18°43	17°51	6°52	2°42	0°53	0°38	29°56	n.a.	T 4
F 5	22 26 11	4°31'57	14♋ 5	13° 2	22°38	12°43	10° 3	18°49	17°54	6°52	2°41	0°53	0°35	0♒ 3	n.a.	F 5
S 6	22 30 8	5°31'24	28°51	14°40	23°48	12°59	10°R 3	18°55	17°57	6°53	2°40	0°54	0°32	0° 9	n.a.	S 6
S 7	22 34 4	6°30'54	13♌46	16°17	24°57	13°14	10° 2	19° 1	17°59	6°53	2°39	0°54	0°29	0°16	n.a.	S 7
M 8	22 38 1	7°30'25	28°42	17°53	26° 7	13°29	10° 2	19° 7	18° 2	6°53	2°38	0°R54	0°25	0°23	n.a.	M 8
T 9	22 41 57	8°29'59	13♍32	19°28	27°16	13°43	10° 1	19°13	18° 5	6°54	2°37	0°54	0°22	0°29	n.a.	T 9
W10	22 45 54	9°29'35	28° 8	21° 3	28°26	13°56	10° 1	19°19	18° 7	6°54	2°35	0°54	0°19	0°36	n.a.	W10
T 11	22 49 50	10°29'13	12♎24	22°38	29°36	14° 9	10° 0	19°24	18°10	6°55	2°34	0°53	0°16	0°43	n.a.	T 11
F 12	22 53 47	11°28'52	26°15	24°11	0♌46	14°21	9°58	19°30	18°13	6°55	2°33	0°51	0°13	0°49	n.a.	F 12
S 13	22 57 43	12°28'34	9♏41	25°44	1°57	14°32	9°57	19°36	18°15	6°56	2°32	0°50	0°10	0°56	n.a.	S 13
S 14	23 1 40	13°28'18	22°42	27°16	3° 7	14°42	9°55	19°41	18°18	6°56	2°31	0°49	0° 6	1° 3	n.a.	S 14
M15	23 5 36	14°28'04	5♐20	28°48	4°18	14°52	9°53	19°47	18°20	6°57	2°30	0°48	0° 3	1° 9	n.a.	M15
T 16	23 9 33	15°27'51	17°39	0♎18	5°28	15° 1	9°51	19°52	18°23	6°58	2°28	0°D48	0° 0	1°16	n.a.	T 16
W17	23 13 30	16°27'40	29°43	1°49	6°39	15°10	9°49	19°57	18°25	6°58	2°27	0°48	29♌57	1°23	n.a.	W17
T 18	23 17 26	17°27'31	11♑38	3°18	7°50	15°18	9°47	20° 3	18°27	6°59	2°26	0°49	29°54	1°29	n.a.	T 18
F 19	23 21 23	18°27'24	23°28	4°47	9° 1	15°25	9°44	20° 8	18°30	7° 0	2°25	0°51	29°50	1°36	n.a.	F 19
S 20	23 25 19	19°27'19	5♒17	6°15	10°12	15°31	9°41	20°13	18°32	7° 1	2°24	0°52	29°47	1°43	n.a.	S 20
S 21	23 29 16	20°27'16	17° 9	7°43	11°24	15°36	9°38	20°18	18°34	7° 1	2°23	0°53	29°44	1°49	n.a.	S 21
M22	23 33 12	21°27'14	29° 7	9°10	12°35	15°41	9°35	20°23	18°36	7° 2	2°22	0°R54	29°41	1°56	n.a.	M22
T 23	23 37 9	22°27'15	11♓15	10°36	13°47	15°45	9°32	20°28	18°39	7° 3	2°20	0°54	29°38	2° 3	n.a.	T 23
W24	23 41 5	23°27'17	23°34	12° 2	14°58	15°48	9°28	20°33	18°41	7° 4	2°19	0°52	29°35	2° 9	n.a.	W24
T 25	23 45 2	24°27'21	6♈ 5	13°27	16°10	15°50	9°25	20°37	18°43	7° 5	2°18	0°49	29°31	2°16	n.a.	T 25
F 26	23 48 58	25°27'28	18°50	14°51	17°22	15°51	9°21	20°42	18°45	7° 6	2°17	0°46	29°28	2°23	n.a.	F 26
S 27	23 52 55	26°27'36	1♉47	16°14	18°34	15°R52	9°16	20°46	18°47	7° 7	2°16	0°42	29°25	2°29	n.a.	S 27
S 28	23 56 52	27°27'47	14°59	17°36	19°46	15°52	9°12	20°51	18°48	7° 8	2°15	0°38	29°22	2°36	n.a.	S 28
M29	0 0 48	28°27'59	28°23	18°57	20°58	15°50	9° 8	20°55	18°50	7° 9	2°14	0°34	29°19	2°43	n.a.	M29
T 30	0 4 45	29♍28'14	12♊ 0	20♎17	22♌11	15♉48	9♉ 3	21♋ 0	18♋52	7♐10	2♓13	0♍31	29♌16	2♒49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n25	12n28	5s10	10n12	0n58	21n55	0s38	14n 1	1s34	13n58	1s 7	23n 3	0n34	23n 6	0n32	20s38	1n 8	26s36	17s16	11n19	11n21	17s54		n.a.
T 2	11 4	15 34	5 18	9 28	0 52	21 49	0 33	14 7	1 33	13 58	1 7	23 2	0 34	23 6	0 32	20 38	1 8	26 36	17 16	11 19	11 22	17 54		n.a.
W 3	10 42	17 51	5 8	8 44	0 46	21 44	0 29	14 14	1 32	13 58	1 7	23 2	0 34	23 6	0 32	20 39	1 8	26 37	17 16	11 19	11 23	17 53		n.a.
T 4	10 21	19 7	4 39	8 1	0 40	21 37	0 25	14 20	1 31	13 58	1 7	23 1	0 35	23 5	0 32	20 39	1 8	26 37	17 16	11 19	11 24	17 52		n.a.
F 5	9 59	19 10	3 52	7 17	0 34	21 30	0 21	14 26	1 30	13 58	1 7	23 0	0 35	23 5	0 32	20 39	1 8	26 38	17 16	11 19	11 25	17 52		n.a.
S 6	9 37	17 55	2 49	6 32	0 27	21 22	0 17	14 32	1 29	13 58	1 7	22 59	0 35	23 5	0 32	20 39	1 8	26 38	17 16	11 18	11 26	17 51		n.a.
S 7	9 15	15 26	1 34	5 48	0 21	21 14	0 13	14 38	1 28	13 58	1 7	22 59	0 35	23 4	0 32	20 39	1 8	26 39	17 16	11 18	11 27	17 50		n.a.
M 8	8 52	11 54	0 12	5 4	0 14	21 5	0 8	14 43	1 27	13 58	1 7	22 58	0 35	23 4	0 32	20 39	1 8	26 39	17 16	11 18	11 29	17 50		n.a.
T 9	8 30	7 38	1n10	4 20	0 7	20 55	0 4	14 49	1 26	13 57	1 7	22 57	0 35	23 3	0 32	20 39	1 8	26 39	17 16	11 18	11 30	17 49		n.a.
W10	8 7	2 58	2 26	3 36	0 1	20 45	0 1	14 54	1 24	13 57	1 8	22 57	0 35	23 3	0 32	20 39	1 7	26 40	17 16	11 18	11 31	17 48		n.a.
T 11	7 44	1s44	3 31	2 52	0s 6	20 34	0n 3	14 59	1 23	13 57	1 8	22 56	0 35	23 3	0 32	20 39	1 7	26 40	17 16	11 19	11 32	17 48		n.a.
F 12	7 21	6 13	4 21	2 9	0 13	20 23	0 7	15 4	1 22	13 56	1 8	22 55	0 36	23 2	0 32	20 40	1 7	26 41	17 16	11 19	11 33	17 47		n.a.
S 13	6 58	10 14	4 56	1 25	0 20	20 11	0 11	15 8	1 21	13 56	1 8	22 54	0 36	23 2	0 32	20 40	1 7	26 41	17 15	11 20	11 34	17 46		n.a.
S 14	6 35	13 38	5 14	0 41	0 27	19 58	0 15	15 13	1 19	13 55	1 8	22 54	0 36	23 2	0 32	20 40	1 7	26 41	17 15	11 20	11 35	17 46		n.a.
M15	6 12	16 18	5 16	0s 2	0 34	19 45	0 18	15 17	1 18	13 54	1 8	22 53	0 36	23 2	0 32	20 40	1 7	26 42	17 15	11 21	11 36	17 45		n.a.
T 16	5 48	18 9	5 3	0 45	0 41	19 31	0 22	15 21	1 17	13 54	1 8	22 52	0 36	23 1	0 32	20 40	1 7	26 42	17 15	11 21	11 38	17 44		n.a.
W17	5 25	19 9	4 38	1 27	0 48	19 17	0 26	15 25	1 15	13 53	1 8	22 52	0 36	23 1	0 32	20 40	1 7	26 43	17 15	11 20	11 39	17 43		n.a.
T 18	5 1	19 16	4 0	2 10	0 54	19 2	0 29	15 29	1 14	13 52	1 8	22 51	0 36	23 1	0 32	20 40	1 7	26 43	17 15	11 20	11 40	17 43		n.a.
F 19	4 38	18 32	3 13	2 52	1 1	18 46	0 32	15 32	1 12	13 51	1 8	22 50	0 37	23 0	0 32	20 41	1 7	26 43	17 15	11 20	11 41	17 42		n.a.
S 20	4 14	17 0	2 17	3 33	1 8	18 30	0 36	15 35	1 11	13 50	1 8	22 50	0 37	23 0	0 32	20 41	1 7	26 44	17 15	11 19	11 42	17 41		n.a.
S 21	3 50	14 43	1 15	4 14	1 15	18 14	0 39	15 38	1 9	13 49	1 9	22 49	0 37	23 0	0 32	20 41	1 7	26 44	17 15	11 18	11 43	17 41		n.a.
M22	3 26	11 47	0 10	4 55	1 21	17 56	0 42	15 41	1 7	13 48	1 9	22 49	0 37	23 0	0 32	20 41	1 7	26 44	17 15	11 18	11 44	17 40		n.a.
T 23	3 2	8 19	0s57	5 36	1 28	17 39	0 46	15 44	1 6	13 47	1 9	22 48	0 37	22 59	0 32	20 41	1 7	26 45	17 15	11 18	11 46	17 39		n.a.
W24	2 38	4 27	2 2	6 15	1 34	17 20	0 49	15 47	1 4	13 46	1 9	22 47	0 37	22 59	0 32	20 42	1 7	26 45	17 14	11 19	11 47	17 38		n.a.
T 25	2 14	0 20	3 2	6 55	1 40	17 2	0 52	15 49	1 2	13 44	1 9	22 47	0 37	22 59	0 32	20 42	1 7	26 45	17 14	11 20	11 48	17 38		n.a.
F 26	1 50	3n52	3 54	7 33	1 46	16 42	0 55	15 51	1 0	13 43	1 9	22 46	0 38	22 59	0 32	20 42	1 7	26 45	17 14	11 21	11 49	17 37		n.a.
S 27	1 26	7 58	4 35	8 11	1 52	16 23	0 57	15 53	0 59	13 42	1 9	22 46	0 38	22 58	0 33	20 42	1 7	26 46	17 14	11 23	11 50	17 36		n.a.
S 28	1 1	11 44	5 2	8 49	1 58	16 2	1 0	15 55	0 57	13 40	1 9	22 45	0 38	22 58	0 33	20 42	1 7	26 46	17 14	11 24	11 51	17 35		n.a.
M29	0 37	14 59	5 13	9 25	2 3	15 42	1 3	15 56	0 55	13 39	1 9	22 45	0 38	22 58	0 33	20 43	1 7	26 46	17 14	11 25	11 52	17 35		n.a.
T 30	0n13	17n28	5s 7	10s 1	2s 9	15n20	1n 6	15n57	0s53	13n37	1s 9	22n44	0n38	22n58	0n33	20s43	1n 7	26s46	17s14	11n26	11n53	17s34		n.a.

Julian Day Number = 1485714.5, Delta T = 05h18m56s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'10, Lahiri = -12°52'10 Julian Calendar 1 Sept. 646 BCE == Greg. Calendar 25 Aug. 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

OCTOBER 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 8 41	0♎28'32	25♊49	21♎37	23♌23	15°R45	8°R58	21♋ 4	18♋54	7♐11	2°R12	0°D30	29♌12	2♒56	n.a.	W 1
T 2	0 12 38	1°28'51	9♋51	22°55	24°36	15♉42	8♉53	21° 8	18°56	7°12	2♓11	0♍30	29° 9	3° 3	n.a.	T 2
F 3	0 16 34	2°29'13	24° 3	24°11	25°48	15°37	8°48	21°12	18°57	7°14	2°10	0°32	29° 6	3° 9	n.a.	F 3
S 4	0 20 31	3°29'36	8♌26	25°26	27° 1	15°32	8°43	21°16	18°59	7°15	2° 9	0°33	29° 3	3°16	n.a.	S 4
S 5	0 24 27	4°30'02	22°54	26°40	28°14	15°25	8°37	21°20	19° 0	7°16	2° 8	0°34	29° 0	3°23	n.a.	S 5
M 6	0 28 24	5°30'30	7♍25	27°51	29°27	15°18	8°31	21°23	19° 2	7°17	2° 7	0°R34	28°56	3°29	n.a.	M 6
T 7	0 32 21	6°30'59	21°54	29° 1	0♍40	15°10	8°26	21°27	19° 3	7°19	2° 6	0°33	28°53	3°36	n.a.	T 7
W 8	0 36 17	7°31'31	6♎14	0♏ 8	1°53	15° 0	8°20	21°31	19° 5	7°20	2° 5	0°29	28°50	3°43	n.a.	W 8
T 9	0 40 14	8°32'04	20°20	1°13	3° 6	14°50	8°13	21°34	19° 6	7°21	2° 4	0°24	28°47	3°49	n.a.	T 9
F 10	0 44 10	9°32'39	4♏ 8	2°15	4°19	14°40	8° 7	21°38	19° 7	7°23	2° 3	0°17	28°44	3°56	n.a.	F 10
S 11	0 48 7	10°33'15	17°34	3°13	5°32	14°28	8° 1	21°41	19° 9	7°24	2° 2	0°10	28°41	4° 2	n.a.	S 11
S 12	0 52 3	11°33'53	0♐36	4° 8	6°46	14°15	7°54	21°44	19°10	7°26	2° 2	0° 4	28°37	4° 9	n.a.	S 12
M13	0 56 0	12°34'32	13°17	4°59	7°59	14° 2	7°48	21°47	19°11	7°27	2° 1	29♌58	28°34	4°16	n.a.	M13
T 14	0 59 56	13°35'13	25°38	5°45	9°13	13°48	7°41	21°50	19°12	7°29	2° 0	29°54	28°31	4°22	n.a.	T 14
W15	1 3 53	14°35'55	7♑44	6°26	10°26	13°33	7°34	21°53	19°13	7°30	1°59	29°52	28°28	4°29	n.a.	W15
T 16	1 7 50	15°36'38	19°39	7° 0	11°40	13°17	7°27	21°56	19°14	7°32	1°58	29°D52	28°25	4°36	n.a.	T 16
F 17	1 11 46	16°37'23	1♒28	7°29	12°54	13° 1	7°20	21°58	19°15	7°33	1°57	29°53	28°22	4°42	n.a.	F 17
S 18	1 15 43	17°38'09	13°17	7°50	14° 7	12°44	7°12	22° 1	19°16	7°35	1°57	29°55	28°18	4°49	n.a.	S 18
S 19	1 19 39	18°38'55	25°11	8° 2	15°21	12°26	7° 5	22° 3	19°17	7°36	1°56	29°R56	28°15	4°56	n.a.	S 19
M20	1 23 36	19°39'43	7♓14	8°R 6	16°35	12° 8	6°57	22° 6	19°17	7°38	1°55	29°56	28°12	5° 2	n.a.	M20
T 21	1 27 32	20°40'33	19°30	8° 1	17°49	11°49	6°50	22° 8	19°18	7°40	1°54	29°54	28° 9	5° 9	n.a.	T 21
W22	1 31 29	21°41'23	2♈ 2	7°45	19° 3	11°29	6°42	22°10	19°19	7°41	1°54	29°49	28° 6	5°16	n.a.	W22
T 23	1 35 25	22°42'15	14°51	7°18	20°17	11° 9	6°35	22°12	19°19	7°43	1°53	29°42	28° 2	5°22	n.a.	T 23
F 24	1 39 22	23°43'08	27°58	6°41	21°31	10°48	6°27	22°14	19°20	7°45	1°52	29°34	27°59	5°29	n.a.	F 24
S 25	1 43 19	24°44'02	11♉21	5°53	22°45	10°27	6°19	22°16	19°20	7°47	1°52	29°24	27°56	5°36	n.a.	S 25
S 26	1 47 15	25°44'58	24°58	4°54	23°59	10° 5	6°11	22°18	19°21	7°48	1°51	29°14	27°53	5°42	n.a.	S 26
M27	1 51 12	26°45'55	8♊45	3°47	25°14	9°43	6° 3	22°19	19°21	7°50	1°50	29° 5	27°50	5°49	n.a.	M27
T 28	1 55 8	27°46'53	22°41	2°32	26°28	9°20	5°55	22°21	19°21	7°52	1°50	28°58	27°47	5°56	n.a.	T 28
W29	1 59 5	28°47'53	6♋42	1°13	27°42	8°58	5°47	22°22	19°21	7°54	1°49	28°53	27°43	6° 2	n.a.	W29
T 30	2 3 1	29°48'54	20°46	29♎50	28°57	8°35	5°39	22°24	19°22	7°56	1°49	28°51	27°40	6° 9	n.a.	T 30
F 31	2 6 58	0♏49'57	4♌51	28♎28	0♎11	8♉11	5♉31	22♋25	19♋22	7♐58	1♓48	28°D51	27♌37	6♒16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0s12	18n59	4s44	10s36	2s14	14n59	1n 8	15n58	0s51	13n36	1s 9	22n44	0n38	22n57	0n33	20s43	1n 6	26s47	17s13	11n27	11n55	17s33			n.a.
T 2	0 36	19 22	4 3	11 10	2 18	14 37	1 11	15 59	0 49	13 34	1 9	22 43	0 39	22 57	0 33	20 43	1 6	26 47	17 13	11 27	11 56	17 32			n.a.
F 3	1 0	18 32	3 7	11 43	2 23	14 14	1 13	16 0	0 47	13 32	1 9	22 43	0 39	22 57	0 33	20 44	1 6	26 47	17 13	11 26	11 57	17 32			n.a.
S 4	1 24	16 30	1 58	12 15	2 27	13 51	1 15	16 0	0 45	13 31	1 9	22 42	0 39	22 57	0 33	20 44	1 6	26 47	17 13	11 26	11 58	17 31			n.a.
S 5	1 49	13 25	0 42	12 46	2 31	13 28	1 18	16 0	0 43	13 29	1 9	22 42	0 39	22 57	0 33	20 44	1 6	26 47	17 13	11 25	11 59	17 30			n.a.
M 6	2 13	9 29	0n37	13 15	2 34	13 4	1 20	16 0	0 40	13 27	1 9	22 41	0 39	22 56	0 33	20 44	1 6	26 48	17 12	11 25	12 0	17 29			n.a.
T 7	2 37	5 0	1 54	13 43	2 37	12 40	1 22	16 0	0 38	13 25	1 9	22 41	0 39	22 56	0 33	20 45	1 6	26 48	17 12	11 26	12 1	17 29			n.a.
W 8	3 2	0 16	3 2	14 10	2 40	12 15	1 24	15 59	0 36	13 23	1 9	22 40	0 39	22 56	0 33	20 45	1 6	26 48	17 12	11 27	12 2	17 28			n.a.
T 9	3 26	4s23	3 58	14 35	2 42	11 50	1 26	15 59	0 34	13 21	1 9	22 40	0 40	22 56	0 33	20 45	1 6	26 48	17 12	11 29	12 4	17 27			n.a.
F 10	3 50	8 42	4 39	14 58	2 43	11 25	1 27	15 58	0 31	13 19	1 9	22 40	0 40	22 56	0 33	20 45	1 6	26 48	17 12	11 31	12 5	17 26			n.a.
S 11	4 14	12 28	5 3	15 19	2 44	10 59	1 29	15 56	0 29	13 17	1 9	22 39	0 40	22 56	0 33	20 46	1 6	26 48	17 11	11 34	12 6	17 25			n.a.
S 12	4 38	15 30	5 10	15 38	2 43	10 33	1 31	15 55	0 26	13 15	1 9	22 39	0 40	22 56	0 33	20 46	1 6	26 49	17 11	11 36	12 7	17 25			n.a.
M13	5 2	17 43	5 2	15 55	2 43	10 7	1 32	15 53	0 24	13 13	1 9	22 39	0 40	22 55	0 33	20 46	1 6	26 49	17 11	11 38	12 8	17 24			n.a.
T 14	5 26	19 3	4 40	16 9	2 41	9 40	1 34	15 51	0 22	13 10	1 9	22 38	0 40	22 55	0 33	20 47	1 6	26 49	17 11	11 40	12 9	17 23			n.a.
W15	5 50	19 28	4 5	16 20	2 38	9 13	1 35	15 49	0 19	13 8	1 9	22 38	0 41	22 55	0 33	20 47	1 6	26 49	17 10	11 40	12 10	17 22			n.a.
T 16	6 14	19 0	3 21	16 28	2 35	8 46	1 37	15 47	0 17	13 6	1 9	22 38	0 41	22 55	0 33	20 47	1 6	26 49	17 10	11 40	12 11	17 21			n.a.
F 17	6 37	17 42	2 28	16 33	2 30	8 19	1 38	15 44	0 14	13 4	1 9	22 37	0 41	22 55	0 33	20 47	1 6	26 49	17 10	11 40	12 12	17 21			n.a.
S 18	7 1	15 39	1 29	16 34	2 23	7 51	1 39	15 42	0 11	13 1	1 9	22 37	0 41	22 55	0 33	20 48	1 6	26 49	17 10	11 39	12 14	17 20			n.a.
S 19	7 24	12 54	0 26	16 31	2 16	7 23	1 40	15 39	0 9	12 59	1 9	22 37	0 41	22 55	0 33	20 48	1 6	26 49	17 9	11 39	12 15	17 19			n.a.
M20	7 48	9 35	0s39	16 24	2 7	6 55	1 41	15 35	0 6	12 56	1 9	22 37	0 41	22 55	0 33	20 48	1 6	26 49	17 9	11 39	12 16	17 18			n.a.
T 21	8 11	5 48	1 44	16 12	1 56	6 26	1 42	15 32	0 3	12 54	1 9	22 36	0 42	22 55	0 33	20 49	1 6	26 49	17 9	11 40	12 17	17 17			n.a.
W22	8 34	1 41	2 44	15 55	1 44	5 58	1 43	15 28	0 1	12 51	1 9	22 36	0 42	22 55	0 33	20 49	1 6	26 49	17 8	11 42	12 18	17 17			n.a.
T 23	8 57	2n36	3 37	15 33	1 30	5 29	1 43	15 25	0n 2	12 49	1 9	22 36	0 42	22 55	0 33	20 49	1 6	26 49	17 8	11 44	12 19	17 16			n.a.
F 24	9 20	6 51	4 20	15 6	1 15	5 0	1 44	15 21	0 5	12 46	1 9	22 36	0 42	22 55	0 34	20 50	1 6	26 49	17 8	11 47	12 20	17 15			n.a.
S 25	9 43	10 51	4 50	14 34	0 58	4 31	1 44	15 16	0 7	12 44	1 9	22 36	0 42	22 55	0 34	20 50	1 6	26 49	17 8	11 51	12 21	17 14			n.a.
S 26	10 5	14 21	5 4	13 57	0 39	4 1	1 45	15 12	0 10	12 41	1 9	22 36	0 42	22 54	0 34	20 50	1 5	26 49	17 7	11 54	12 22	17 13			n.a.
M27	10 28	17 7	5 1	13 16	0 20	3 32	1 45	15 8	0 13	12 39	1 9	22 36	0 43	22 54	0 34	20 51	1 5	26 49	17 7	11 57	12 24	17 12			n.a.
T 28	10 50	18 55	4 40	12 31	0n 1	3 2	1 46	15 3	0 15	12 36	1 8	22 36	0 43	22 54	0 34	20 51	1 5	26 49	17 7	12 0	12 25	17 11			n.a.
W29	11 12	19 35	4 2	11 43	0 21	2 32	1 46	14 58	0 18	12 34	1 8	22 35	0 43	22 54	0 34	20 51	1 5	26 49	17 6	12 1	12 26	17 11			n.a.
T 30	11 34	19 2	3 9	10 55	0 42	2 2	1 46	14 53	0 21	12 31	1 8	22 35	0 43	22 54	0 34	20 52	1 5	26 49	17 6	12 2	12 27	17 10			n.a.
F 31	11s55	17n18	2s 5	10s 7	1n 2	1n32	1n46	14n48	0n24	12n28	1s 8	22n35	0n43	22n55	0n34	20s52	1n 5	26s49	17s 6	12n 2	12n28	17s 9			n.a.

Julian Day Number = 1485744.5, Delta T = 05h18m54s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'06, Lahiri = -12°52'06 Julian Calendar 1 Oct. 646 BCE == Greg. Calendar 24 Sept. 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

NOVEMBER 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 10 54	1♏51'01	18♌57	27°R 9	1♎25	7°R48	5°R23	22♋26	19♋22	8♐ 0	1°R48	28♌51	27♌34	6♒22	n.a.	S 1
S 2	2 14 51	2°52'06	3♍ 3	25♎55	2°40	7♉25	5♉14	22°27	19°R22	8° 2	1♓47	28°R51	27°31	6°29	n.a.	S 2
M 3	2 18 48	3°53'12	17° 7	24°49	3°54	7° 1	5° 6	22°28	19°22	8° 3	1°47	28°50	27°27	6°36	n.a.	M 3
T 4	2 22 44	4°54'20	1♎ 8	23°52	5° 9	6°37	4°58	22°29	19°22	8° 5	1°46	28°46	27°24	6°42	n.a.	T 4
W 5	2 26 41	5°55'28	15° 2	23° 6	6°24	6°14	4°50	22°29	19°22	8° 7	1°46	28°39	27°21	6°49	n.a.	W 5
T 6	2 30 37	6°56'38	28°46	22°31	7°38	5°50	4°42	22°30	19°21	8° 9	1°45	28°29	27°18	6°56	n.a.	T 6
F 7	2 34 34	7°57'48	12♏17	22° 7	8°53	5°27	4°34	22°30	19°21	8°11	1°45	28°18	27°15	7° 2	n.a.	F 7
S 8	2 38 30	8°58'59	25°32	21°55	10° 8	5° 4	4°25	22°30	19°21	8°13	1°45	28° 5	27°12	7° 9	n.a.	S 8
S 9	2 42 27	10° 0'11	8♐28	21°D53	11°22	4°41	4°17	22°31	19°20	8°15	1°44	27°53	27° 8	7°16	n.a.	S 9
M10	2 46 23	11° 1'24	21° 5	22° 1	12°37	4°18	4° 9	22°R31	19°20	8°18	1°44	27°42	27° 5	7°22	n.a.	M10
T 11	2 50 20	12° 2'37	3♑26	22°19	13°52	3°56	4° 1	22°31	19°19	8°20	1°44	27°33	27° 2	7°29	n.a.	T 11
W12	2 54 17	13° 3'50	15°31	22°44	15° 7	3°34	3°53	22°30	19°19	8°22	1°43	27°27	26°59	7°35	n.a.	W12
T 13	2 58 13	14° 5'04	27°26	23°17	16°22	3°13	3°45	22°30	19°18	8°24	1°43	27°24	26°56	7°42	n.a.	T 13
F 14	3 2 10	15° 6'18	9♒14	23°57	17°36	2°52	3°37	22°30	19°18	8°26	1°43	27°22	26°53	7°49	n.a.	F 14
S 15	3 6 6	16° 7'32	21° 2	24°43	18°51	2°32	3°29	22°29	19°17	8°28	1°43	27°22	26°49	7°55	n.a.	S 15
S 16	3 10 3	17° 8'46	2♓55	25°34	20° 6	2°12	3°22	22°29	19°16	8°30	1°43	27°22	26°46	8° 2	n.a.	S 16
M17	3 13 59	18°10'00	14°59	26°30	21°21	1°52	3°14	22°28	19°15	8°32	1°42	27°21	26°43	8° 9	n.a.	M17
T 18	3 17 56	19°11'15	27°18	27°30	22°36	1°34	3° 6	22°27	19°15	8°35	1°42	27°18	26°40	8°15	n.a.	T 18
W19	3 21 52	20°12'30	9♈57	28°33	23°51	1°16	2°59	22°26	19°14	8°37	1°42	27°12	26°37	8°22	n.a.	W19
T 20	3 25 49	21°13'44	22°58	29°40	25° 6	0°58	2°52	22°25	19°13	8°39	1°42	27° 3	26°33	8°29	n.a.	T 20
F 21	3 29 46	22°14'59	6♉22	0♏49	26°21	0°42	2°44	22°24	19°12	8°41	1°42	26°52	26°30	8°35	n.a.	F 21
S 22	3 33 42	23°16'14	20° 7	2° 1	27°36	0°26	2°37	22°23	19°11	8°43	1°42	26°39	26°27	8°42	n.a.	S 22
S 23	3 37 39	24°17'30	4♊11	3°15	28°51	0°10	2°30	22°21	19° 9	8°45	1°D42	26°26	26°24	8°49	n.a.	S 23
M24	3 41 35	25°18'45	18°28	4°31	0♏ 6	29♈56	2°23	22°20	19° 8	8°48	1°42	26°15	26°21	8°55	n.a.	M24
T 25	3 45 32	26°20'01	2♋51	5°48	1°21	29°42	2°16	22°18	19° 7	8°50	1°42	26° 5	26°18	9° 2	n.a.	T 25
W26	3 49 28	27°21'17	17°15	7° 8	2°36	29°29	2° 9	22°17	19° 6	8°52	1°42	25°58	26°14	9° 9	n.a.	W26
T 27	3 53 25	28°22'33	1♌35	8°28	3°51	29°17	2° 3	22°15	19° 4	8°54	1°42	25°55	26°11	9°15	n.a.	T 27
F 28	3 57 22	29°23'50	15°49	9°50	5° 6	29° 6	1°56	22°13	19° 3	8°57	1°42	25°53	26° 8	9°22	n.a.	F 28
S 29	4 1 18	0♐25'06	29°54	11°12	6°21	28°55	1°50	22°11	19° 2	8°59	1°42	25°53	26° 5	9°29	n.a.	S 29
S 30	4 5 15	1♐26'23	13♍50	12♏36	7♏36	28♈45	1♉44	22♋ 9	19♋ 0	9♐ 1	1♓43	25♌53	26♌ 2	9♒35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s17	14n31	0s53	9s21	1n20	1n 2	1n46	14n43	0n26	12n26	1s 8	22n35	0n43	22n55	0n34	20s52	1n 5	26s49	17s 5	12n 2	12n29	17s 8		n.a.
S 2	12 38	10 52	0n22	8 38	1 38	0 32	1 46	14 38	0 29	12 23	1 8	22 35	0 44	22 55	0 34	20 53	1 5	26 49	17 5	12 2	12 30	17 7		n.a.
M 3	12 59	6 37	1 36	7 59	1 53	0 2	1 45	14 33	0 32	12 20	1 8	22 35	0 44	22 55	0 34	20 53	1 5	26 48	17 5	12 2	12 31	17 6		n.a.
T 4	13 20	2 2	2 43	7 26	2 6	0s28	1 45	14 27	0 34	12 18	1 8	22 35	0 44	22 55	0 34	20 53	1 5	26 48	17 4	12 4	12 32	17 5		n.a.
W 5	13 41	2s38	3 40	6 59	2 17	0 58	1 45	14 22	0 37	12 15	1 8	22 36	0 44	22 55	0 34	20 54	1 5	26 48	17 4	12 6	12 34	17 5		n.a.
T 6	14 1	7 6	4 23	6 37	2 26	1 29	1 44	14 16	0 39	12 12	1 7	22 36	0 44	22 55	0 34	20 54	1 5	26 48	17 4	12 10	12 35	17 4		n.a.
F 7	14 21	11 8	4 50	6 22	2 33	1 59	1 44	14 11	0 42	12 10	1 7	22 36	0 45	22 55	0 34	20 54	1 5	26 48	17 3	12 14	12 36	17 3		n.a.
S 8	14 41	14 32	5 2	6 12	2 39	2 29	1 43	14 5	0 45	12 7	1 7	22 36	0 45	22 55	0 34	20 55	1 5	26 48	17 3	12 18	12 37	17 2		n.a.
S 9	15 1	17 8	4 57	6 9	2 42	2 59	1 43	14 0	0 47	12 5	1 7	22 36	0 45	22 55	0 34	20 55	1 5	26 47	17 3	12 23	12 38	17 1		n.a.
M10	15 20	18 51	4 37	6 10	2 44	3 30	1 42	13 54	0 49	12 2	1 7	22 36	0 45	22 55	0 34	20 55	1 5	26 47	17 2	12 26	12 39	17 0		n.a.
T 11	15 40	19 38	4 5	6 16	2 44	4 0	1 41	13 49	0 52	11 59	1 7	22 36	0 45	22 55	0 34	20 56	1 5	26 47	17 2	12 29	12 40	16 59		n.a.
W12	15 59	19 30	3 23	6 27	2 43	4 30	1 40	13 44	0 54	11 57	1 6	22 37	0 45	22 55	0 34	20 56	1 5	26 47	17 2	12 32	12 41	16 58		n.a.
T 13	16 17	18 29	2 32	6 41	2 41	5 0	1 39	13 38	0 57	11 54	1 6	22 37	0 46	22 55	0 34	20 56	1 5	26 47	17 1	12 33	12 42	16 57		n.a.
F 14	16 35	16 40	1 35	6 59	2 38	5 30	1 38	13 33	0 59	11 52	1 6	22 37	0 46	22 56	0 34	20 57	1 5	26 46	17 1	12 33	12 43	16 57		n.a.
S 15	16 53	14 9	0 34	7 19	2 34	6 0	1 37	13 28	1 1	11 49	1 6	22 37	0 46	22 56	0 34	20 57	1 5	26 46	17 1	12 33	12 45	16 56		n.a.
S 16	17 11	11 2	0s29	7 42	2 30	6 29	1 36	13 23	1 3	11 47	1 6	22 38	0 46	22 56	0 34	20 58	1 5	26 46	17 0	12 33	12 46	16 55		n.a.
M17	17 29	7 24	1 32	8 7	2 24	6 59	1 35	13 19	1 5	11 44	1 6	22 38	0 46	22 56	0 34	20 58	1 5	26 46	17 0	12 34	12 47	16 54		n.a.
T 18	17 46	3 24	2 31	8 34	2 19	7 28	1 33	13 14	1 7	11 42	1 5	22 38	0 46	22 56	0 34	20 58	1 5	26 45	17 0	12 35	12 48	16 53		n.a.
W19	18 3	0n51	3 25	9 3	2 13	7 57	1 32	13 9	1 9	11 39	1 5	22 38	0 47	22 56	0 35	20 59	1 5	26 45	16 59	12 37	12 49	16 52		n.a.
T 20	18 19	5 11	4 10	9 32	2 6	8 27	1 31	13 5	1 11	11 37	1 5	22 39	0 47	22 57	0 35	20 59	1 5	26 45	16 59	12 40	12 50	16 51		n.a.
F 21	18 35	9 24	4 42	10 3	2 0	8 55	1 29	13 1	1 13	11 35	1 5	22 39	0 47	22 57	0 35	20 59	1 5	26 44	16 58	12 44	12 51	16 50		n.a.
S 22	18 51	13 14	4 58	10 35	1 53	9 24	1 28	12 57	1 15	11 32	1 5	22 40	0 47	22 57	0 35	21 0	1 5	26 44	16 58	12 48	12 52	16 49		n.a.
S 23	19 6	16 24	4 58	11 7	1 46	9 53	1 26	12 53	1 17	11 30	1 4	22 40	0 47	22 57	0 35	21 0	1 5	26 44	16 58	12 53	12 53	16 48		n.a.
M24	19 21	18 38	4 38	11 40	1 38	10 21	1 24	12 50	1 19	11 28	1 4	22 40	0 48	22 57	0 35	21 0	1 5	26 43	16 57	12 57	12 54	16 47		n.a.
T 25	19 36	19 43	4 1	12 13	1 31	10 49	1 23	12 46	1 20	11 26	1 4	22 41	0 48	22 58	0 35	21 1	1 5	26 43	16 57	13 0	12 56	16 46		n.a.
W26	19 50	19 31	3 9	12 46	1 23	11 17	1 21	12 43	1 22	11 24	1 4	22 41	0 48	22 58	0 35	21 1	1 5	26 43	16 57	13 2	12 57	16 45		n.a.
T 27	20 4	18 3	2 5	13 20	1 16	11 44	1 19	12 40	1 24	11 22	1 3	22 42	0 48	22 58	0 35	21 2	1 5	26 42	16 56	13 3	12 58	16 44		n.a.
F 28	20 18	15 28	0 53	13 53	1 8	12 11	1 17	12 38	1 25	11 20	1 3	22 42	0 48	22 58	0 35	21 2	1 5	26 42	16 56	13 4	12 59	16 43		n.a.
S 29	20 31	12 0	0n21	14 26	1 0	12 38	1 15	12 35	1 27	11 18	1 3	22 43	0 48	22 58	0 35	21 2	1 5	26 42	16 56	13 4	13 0	16 42		n.a.
S 30	20s44	7n53	1n33	15s 0	0n53	13s 5	1n13	12n33	1n28	11n16	1s 3	22n43	0n49	22n59	0n35	21s 3	1n 5	26s41	16s55	13n 4	13n 1	16s41		n.a.

Julian Day Number = 1485775.5, Delta T = 05h18m53s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°59'02, Lahiri = -12°52'01 Julian Calendar 1 Nov. 646 BCE == Greg. Calendar 25 Oct. 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 646 BCE
geocentric

DECEMBER 646 BCE (-645) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 9 11	2♐27'40	27♍36	14♏ 0	8♏51	28°R36	1°R38	22°R 7	18°R59	9♐ 3	1♓43	25°R51	25♌59	9♒42	n.a.	M 1
T 2	4 13 8	3°28'57	11♎14	15°26	10° 6	28♈28	1♉32	22♋ 4	18♋57	9° 6	1°43	25♌46	25°55	9°49	n.a.	T 2
W 3	4 17 4	4°30'14	24°42	16°52	11°21	28°21	1°26	22° 2	18°55	9° 8	1°43	25°39	25°52	9°55	n.a.	W 3
T 4	4 21 1	5°31'31	8♏ 1	18°18	12°36	28°14	1°20	22° 0	18°54	9°10	1°43	25°29	25°49	10° 2	n.a.	T 4
F 5	4 24 57	6°32'48	21° 8	19°46	13°51	28° 9	1°15	21°57	18°52	9°12	1°44	25°16	25°46	10° 8	n.a.	F 5
S 6	4 28 54	7°34'05	4♐ 3	21°14	15° 7	28° 4	1°10	21°54	18°50	9°15	1°44	25° 2	25°43	10°15	n.a.	S 6
S 7	4 32 51	8°35'21	16°44	22°42	16°22	28° 0	1° 4	21°52	18°49	9°17	1°44	24°49	25°39	10°22	n.a.	S 7
M 8	4 36 47	9°36'37	29°11	24°12	17°37	27°56	1° 0	21°49	18°47	9°19	1°45	24°36	25°36	10°28	n.a.	M 8
T 9	4 40 44	10°37'52	11♑25	25°41	18°52	27°54	0°55	21°46	18°45	9°22	1°45	24°26	25°33	10°35	n.a.	T 9
W10	4 44 40	11°39'07	23°26	27°11	20° 7	27°52	0°50	21°43	18°43	9°24	1°45	24°19	25°30	10°42	n.a.	W10
T 11	4 48 37	12°40'20	5♒19	28°42	21°22	27°51	0°46	21°40	18°41	9°26	1°46	24°15	25°27	10°48	n.a.	T 11
F 12	4 52 33	13°41'33	17° 6	0♐13	22°37	27°D51	0°42	21°36	18°39	9°28	1°46	24°13	25°24	10°55	n.a.	F 12
S 13	4 56 30	14°42'46	28°53	1°45	23°52	27°52	0°38	21°33	18°37	9°31	1°47	24°D13	25°20	11° 2	n.a.	S 13
S 14	5 0 26	15°43'57	10♓44	3°17	25° 7	27°54	0°34	21°30	18°35	9°33	1°47	24°R13	25°17	11° 8	n.a.	S 14
M15	5 4 23	16°45'07	22°46	4°50	26°22	27°56	0°30	21°26	18°33	9°35	1°48	24°13	25°14	11°15	n.a.	M15
T 16	5 8 20	17°46'16	5♈ 3	6°24	27°37	27°59	0°27	21°23	18°31	9°37	1°48	24°12	25°11	11°22	n.a.	T 16
W17	5 12 16	18°47'24	17°41	7°57	28°53	28° 2	0°23	21°19	18°29	9°40	1°49	24° 8	25° 8	11°28	n.a.	W17
T 18	5 16 13	19°48'31	0♉43	9°32	0♐ 8	28° 7	0°20	21°15	18°27	9°42	1°49	24° 2	25° 4	11°35	n.a.	T 18
F 19	5 20 9	20°49'37	14°13	11° 7	1°23	28°12	0°17	21°11	18°24	9°44	1°50	23°53	25° 1	11°42	n.a.	F 19
S 20	5 24 6	21°50'42	28° 9	12°42	2°38	28°18	0°15	21° 8	18°22	9°46	1°50	23°43	24°58	11°48	n.a.	S 20
S 21	5 28 2	22°51'46	12♊30	14°18	3°53	28°24	0°12	21° 4	18°20	9°49	1°51	23°33	24°55	11°55	n.a.	S 21
M22	5 31 59	23°52'49	27° 8	15°55	5° 8	28°31	0°10	21° 0	18°18	9°51	1°52	23°23	24°52	12° 2	n.a.	M22
T 23	5 35 56	24°53'51	11♋58	17°32	6°23	28°39	0° 8	20°56	18°15	9°53	1°52	23°15	24°49	12° 8	n.a.	T 23
W24	5 39 52	25°54'52	26°49	19°10	7°38	28°48	0° 6	20°52	18°13	9°55	1°53	23°10	24°45	12°15	n.a.	W24
T 25	5 43 49	26°55'52	11♌35	20°49	8°53	28°57	0° 4	20°47	18°11	9°58	1°54	23° 7	24°42	12°21	n.a.	T 25
F 26	5 47 45	27°56'51	26° 9	22°28	10° 8	29° 6	0° 3	20°43	18° 8	10° 0	1°55	23°D 7	24°39	12°28	n.a.	F 26
S 27	5 51 42	28°57'50	10♍27	24° 8	11°23	29°16	0° 2	20°39	18° 6	10° 2	1°55	23° 8	24°36	12°35	n.a.	S 27
S 28	5 55 38	29°58'47	24°29	25°49	12°38	29°27	0° 1	20°35	18° 3	10° 4	1°56	23°R 8	24°33	12°41	n.a.	S 28
M29	5 59 35	0♑59'43	8♎13	27°30	13°53	29°39	29♈59	20°30	18° 1	10° 6	1°57	23° 8	24°30	12°48	n.a.	M29
T 30	6 3 31	2° 0'39	21°40	29°12	15° 8	29°50	29°59	20°26	17°58	10° 8	1°58	23° 6	24°26	12°55	n.a.	T 30
W31	6 7 28	3♑ 1'33	4♏52	0♑55	16♐23	0♉ 3	29♈59	20♋21	17♋56	10♐11	1♓59	23♌ 2	24♌23	13♒ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s56	3n24	2n39	15s33	0n45	13s31	1n11	12n31	1n29	11n14	1s 2	22n44	0n49	22n59	0n35	21s 3	1n 5	26s41	16s55	13n 5	13n 2	16s41			n.a.
T 2	21 8	1s12	3 35	16 5	0 38	13 57	1 9	12 29	1 31	11 12	1 2	22 44	0 49	22 59	0 35	21 3	1 5	26 40	16 54	13 6	13 3	16 40			n.a.
W 3	21 20	5 42	4 18	16 38	0 30	14 23	1 7	12 28	1 32	11 10	1 2	22 45	0 49	22 59	0 35	21 4	1 5	26 40	16 54	13 9	13 4	16 39			n.a.
T 4	21 31	9 51	4 47	17 9	0 22	14 48	1 5	12 26	1 33	11 8	1 2	22 45	0 49	23 0	0 35	21 4	1 5	26 40	16 54	13 12	13 5	16 38			n.a.
F 5	21 42	13 28	5 0	17 41	0 15	15 13	1 3	12 25	1 34	11 7	1 1	22 46	0 49	23 0	0 35	21 4	1 5	26 39	16 53	13 17	13 6	16 37			n.a.
S 6	21 52	16 23	4 57	18 12	0 8	15 38	1 1	12 25	1 35	11 5	1 1	22 47	0 50	23 0	0 35	21 5	1 5	26 39	16 53	13 21	13 8	16 36			n.a.
S 7	22 2	18 28	4 39	18 42	0 0	16 2	0 58	12 24	1 36	11 4	1 1	22 47	0 50	23 1	0 35	21 5	1 5	26 38	16 53	13 26	13 9	16 35			n.a.
M 8	22 12	19 38	4 8	19 11	0s 7	16 25	0 56	12 24	1 38	11 2	1 1	22 48	0 50	23 1	0 35	21 6	1 5	26 38	16 52	13 30	13 10	16 34			n.a.
T 9	22 21	19 51	3 27	19 40	0 14	16 49	0 54	12 24	1 38	11 1	1 0	22 48	0 50	23 1	0 35	21 6	1 5	26 37	16 52	13 33	13 11	16 33			n.a.
W10	22 30	19 9	2 36	20 8	0 21	17 11	0 52	12 24	1 39	10 59	1 0	22 49	0 50	23 1	0 35	21 6	1 4	26 37	16 52	13 36	13 12	16 32			n.a.
T 11	22 38	17 36	1 39	20 35	0 27	17 34	0 49	12 25	1 40	10 58	1 0	22 50	0 50	23 2	0 35	21 7	1 4	26 36	16 51	13 37	13 13	16 31			n.a.
F 12	22 46	15 19	0 38	21 2	0 34	17 56	0 47	12 26	1 41	10 57	1 0	22 50	0 51	23 2	0 35	21 7	1 4	26 36	16 51	13 38	13 14	16 30			n.a.
S 13	22 53	12 25	0s25	21 27	0 40	18 17	0 44	12 27	1 42	10 56	0 59	22 51	0 51	23 2	0 35	21 7	1 4	26 35	16 50	13 38	13 15	16 29			n.a.
S 14	23 0	8 59	1 27	21 52	0 47	18 38	0 42	12 28	1 43	10 54	0 59	22 52	0 51	23 3	0 35	21 8	1 4	26 35	16 50	13 38	13 16	16 28			n.a.
M15	23 6	5 9	2 26	22 16	0 53	18 58	0 40	12 29	1 44	10 53	0 59	22 53	0 51	23 3	0 35	21 8	1 4	26 34	16 50	13 38	13 17	16 27			n.a.
T 16	23 12	1 1	3 20	22 38	0 59	19 18	0 37	12 31	1 44	10 52	0 58	22 53	0 51	23 3	0 35	21 8	1 4	26 34	16 49	13 38	13 18	16 26			n.a.
W17	23 17	3n16	4 5	23 0	1 4	19 37	0 35	12 33	1 45	10 52	0 58	22 54	0 51	23 4	0 35	21 9	1 4	26 33	16 49	13 40	13 19	16 25			n.a.
T 18	23 22	7 31	4 40	23 20	1 10	19 56	0 32	12 35	1 46	10 51	0 58	22 55	0 52	23 4	0 35	21 9	1 4	26 33	16 49	13 42	13 21	16 24			n.a.
F 19	23 27	11 33	5 0	23 40	1 15	20 14	0 30	12 38	1 46	10 50	0 58	22 56	0 52	23 4	0 35	21 9	1 4	26 32	16 48	13 45	13 22	16 23			n.a.
S 20	23 31	15 6	5 3	23 58	1 20	20 32	0 27	12 40	1 47	10 49	0 57	22 56	0 52	23 5	0 35	21 10	1 4	26 32	16 48	13 48	13 23	16 21			n.a.
S 21	23 35	17 51	4 48	24 14	1 25	20 49	0 25	12 43	1 47	10 49	0 57	22 57	0 52	23 5	0 35	21 10	1 4	26 31	16 48	13 51	13 24	16 20			n.a.
M22	23 38	19 31	4 14	24 30	1 30	21 5	0 22	12 46	1 48	10 48	0 57	22 58	0 52	23 5	0 36	21 10	1 4	26 31	16 47	13 55	13 25	16 19			n.a.
T 23	23 40	19 52	3 22	24 44	1 34	21 21	0 20	12 50	1 48	10 48	0 56	22 59	0 52	23 6	0 36	21 11	1 4	26 30	16 47	13 57	13 26	16 18			n.a.
W24	23 42	18 51	2 16	24 57	1 38	21 36	0 17	12 53	1 49	10 47	0 56	22 59	0 52	23 6	0 36	21 11	1 4	26 29	16 47	13 59	13 27	16 17			n.a.
T 25	23 44	16 34	1 2	25 8	1 42	21 51	0 15	12 57	1 49	10 47	0 56	23 0	0 53	23 6	0 36	21 11	1 4	26 29	16 46	14 0	13 28	16 16			n.a.
F 26	23 45	13 14	0n16	25 18	1 45	22 5	0 12	13 1	1 50	10 47	0 56	23 1	0 53	23 7	0 36	21 12	1 4	26 28	16 46	14 0	13 29	16 15			n.a.
S 27	23 46	9 10	1 32	25 27	1 48	22 18	0 9	13 5	1 50	10 47	0 55	23 2	0 53	23 7	0 36	21 12	1 4	26 28	16 46	14 0	13 30	16 14			n.a.
S 28	23 46	4 40	2 40	25 33	1 51	22 31	0 7	13 9	1 50	10 46	0 55	23 3	0 53	23 7	0 36	21 12	1 4	26 27	16 45	14 0	13 31	16 13			n.a.
M29	23 46	0 2	3 38	25 39	1 54	22 43	0 4	13 13	1 51	10 46	0 55	23 3	0 53	23 8	0 36	21 13	1 4	26 27	16 45	14 0	13 32	16 12			n.a.
T 30	23 45	4s30	4 23	25 42	1 56	22 54	0 2	13 18	1 51	10 46	0 54	23 4	0 53	23 8	0 36	21 13	1 4	26 26	16 45	14 0	13 33	16 11			n.a.
W31	23s44	8s44	4n52	25s44	1s58	23s 4	0s 1	13n23	1n51	10n47	0s54	23n 5	0n53	23n 8	0n36	21s13	1n 4	26s25	16s44	14n 2	13n34	16s10			n.a.

Julian Day Number = 1485805.5, Delta T = 05h18m51s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'58, Lahiri = -12°51'57 Julian Calendar 1 Dec. 646 BCE == Greg. Calendar 24 Nov. 646 BCE

The year -645 astronomical counting style corresponds to year 646 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

JANUARY 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 11 25	4♉ 2'27	17♏51	2♉38	17♐38	0♉16	29°R58	20°R17	17°R53	10♐13	1♓59	22°R56	24♌20	13♒ 8	n.a.	T 1
F 2	6 15 21	5° 3'19	0♐37	4°22	18°53	0°29	29°D58	20♋12	17♋51	10°15	2° 0	22♌48	24°17	13°15	n.a.	F 2
S 3	6 19 18	6° 4'11	13°11	6° 7	20° 8	0°44	29♈59	20° 8	17°48	10°17	2° 1	22°39	24°14	13°21	n.a.	S 3
S 4	6 23 14	7° 5'01	25°34	7°53	21°23	0°58	29°59	20° 3	17°46	10°19	2° 2	22°30	24°10	13°28	n.a.	S 4
M 5	6 27 11	8° 5'49	7♉47	9°39	22°38	1°13	29°59	19°58	17°43	10°21	2° 3	22°21	24° 7	13°35	n.a.	M 5
T 6	6 31 7	9° 6'36	19°50	11°26	23°53	1°29	0♉ 0	19°54	17°41	10°23	2° 4	22°15	24° 4	13°41	n.a.	T 6
W 7	6 35 4	10° 7'22	1♒45	13°14	25° 8	1°45	0° 1	19°49	17°38	10°25	2° 5	22°11	24° 1	13°48	n.a.	W 7
T 8	6 39 0	11° 8'06	13°35	15° 2	26°23	2° 1	0° 2	19°44	17°35	10°27	2° 6	22° 8	23°58	13°55	n.a.	T 8
F 9	6 42 57	12° 8'48	25°21	16°51	27°38	2°18	0° 4	19°40	17°33	10°29	2° 7	22°D 8	23°55	14° 1	n.a.	F 9
S 10	6 46 54	13° 9'28	7♓ 8	18°41	28°53	2°36	0° 5	19°35	17°30	10°31	2° 8	22° 9	23°51	14° 8	n.a.	S 10
S 11	6 50 50	14°10'07	18°59	20°31	0♉ 7	2°53	0° 7	19°30	17°28	10°33	2° 9	22°11	23°48	14°15	n.a.	S 11
M12	6 54 47	15°10'43	0♈59	22°21	1°22	3°12	0° 9	19°25	17°25	10°35	2°10	22°12	23°45	14°21	n.a.	M12
T 13	6 58 43	16°11'18	13°14	24°12	2°37	3°30	0°11	19°20	17°22	10°37	2°11	22°R13	23°42	14°28	n.a.	T 13
W14	7 2 40	17°11'51	25°47	26° 2	3°52	3°49	0°14	19°15	17°20	10°39	2°12	22°13	23°39	14°34	n.a.	W14
T 15	7 6 36	18°12'22	8♉45	27°53	5° 7	4° 9	0°16	19°11	17°17	10°41	2°13	22°11	23°36	14°41	n.a.	T 15
F 16	7 10 33	19°12'51	22° 9	29°43	6°22	4°28	0°19	19° 6	17°15	10°43	2°14	22° 8	23°32	14°48	n.a.	F 16
S 17	7 14 29	20°13'18	6♊ 2	1♒33	7°37	4°49	0°22	19° 1	17°12	10°45	2°16	22° 3	23°29	14°54	n.a.	S 17
S 18	7 18 26	21°13'42	20°23	3°22	8°51	5° 9	0°25	18°56	17° 9	10°47	2°17	21°58	23°26	15° 1	n.a.	S 18
M19	7 22 23	22°14'05	5♋ 7	5° 9	10° 6	5°30	0°28	18°51	17° 7	10°48	2°18	21°54	23°23	15° 8	n.a.	M19
T 20	7 26 19	23°14'27	20° 9	6°56	11°21	5°51	0°32	18°46	17° 4	10°50	2°19	21°50	23°20	15°14	n.a.	T 20
W21	7 30 16	24°14'46	5♌18	8°40	12°36	6°13	0°36	18°42	17° 1	10°52	2°20	21°48	23°16	15°21	n.a.	W21
T 22	7 34 12	25°15'03	20°25	10°22	13°51	6°35	0°40	18°37	16°59	10°54	2°21	21°D47	23°13	15°28	n.a.	T 22
F 23	7 38 9	26°15'19	5♍22	12° 1	15° 5	6°57	0°44	18°32	16°56	10°55	2°23	21°48	23°10	15°34	n.a.	F 23
S 24	7 42 5	27°15'33	20° 2	13°36	16°20	7°19	0°48	18°27	16°54	10°57	2°24	21°49	23° 7	15°41	n.a.	S 24
S 25	7 46 2	28°15'45	4♎19	15° 8	17°35	7°42	0°52	18°23	16°51	10°59	2°25	21°51	23° 4	15°48	n.a.	S 25
M26	7 49 58	29°15'55	18°13	16°35	18°50	8° 5	0°57	18°18	16°49	11° 1	2°26	21°52	23° 1	15°54	n.a.	M26
T 27	7 53 55	0♒16'04	1♏44	17°57	20° 4	8°28	1° 2	18°13	16°46	11° 2	2°28	21°R52	22°57	16° 1	n.a.	T 27
W28	7 57 52	1°16'11	14°52	19°13	21°19	8°52	1° 7	18° 9	16°44	11° 4	2°29	21°51	22°54	16° 8	n.a.	W28
T 29	8 1 48	2°16'17	27°42	20°22	22°34	9°16	1°12	18° 4	16°41	11° 5	2°30	21°50	22°51	16°14	n.a.	T 29
F 30	8 5 45	3°16'21	10♐15	21°25	23°48	9°40	1°17	17°59	16°39	11° 7	2°31	21°47	22°48	16°21	n.a.	F 30
S 31	8 9 41	4♒16'23	22♐35	22♒20	25♉ 3	10♉ 5	1♉22	17♋55	16♋36	11♐ 9	2♓33	21♌45	22♌45	16♒27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s42	12 s29	5n 6	25 s44	1 s59	23 s14	0 s 3	13n28	1n52	10n47	0 s54	23n 6	0n54	23n 9	0n36	21 s14	1n 4	26 s25	16 s44	14n 4	13n36	16 s 9			n.a.
F 2	23 40	15 36	5 5	25 42	2 0	23 24	0 6	13 33	1 52	10 47	0 54	23 7	0 54	23 9	0 36	21 14	1 4	26 24	16 44	14 6	13 37	16 8			n.a.
S 3	23 38	17 56	4 48	25 38	2 1	23 32	0 8	13 38	1 52	10 47	0 53	23 7	0 54	23 9	0 36	21 14	1 4	26 23	16 44	14 9	13 38	16 7			n.a.
S 4	23 35	19 23	4 18	25 33	2 1	23 40	0 11	13 43	1 52	10 48	0 53	23 8	0 54	23 10	0 36	21 14	1 4	26 23	16 43	14 12	13 39	16 6			n.a.
M 5	23 31	19 56	3 37	25 25	2 1	23 47	0 13	13 49	1 53	10 48	0 53	23 9	0 54	23 10	0 36	21 15	1 4	26 22	16 43	14 15	13 40	16 4			n.a.
T 6	23 27	19 33	2 46	25 16	2 0	23 53	0 16	13 55	1 53	10 49	0 52	23 10	0 54	23 11	0 36	21 15	1 4	26 22	16 43	14 17	13 41	16 3			n.a.
W 7	23 23	18 17	1 48	25 4	1 59	23 59	0 18	14 0	1 53	10 49	0 52	23 11	0 54	23 11	0 36	21 15	1 4	26 21	16 42	14 19	13 42	16 2			n.a.
T 8	23 18	16 14	0 46	24 50	1 57	24 4	0 20	14 6	1 53	10 50	0 52	23 12	0 54	23 11	0 36	21 16	1 4	26 20	16 42	14 19	13 43	16 1			n.a.
F 9	23 12	13 31	0 s18	24 35	1 54	24 8	0 23	14 12	1 53	10 51	0 52	23 12	0 55	23 12	0 36	21 16	1 4	26 20	16 42	14 20	13 44	16 0			n.a.
S 10	23 7	10 16	1 21	24 17	1 51	24 11	0 25	14 19	1 53	10 52	0 51	23 13	0 55	23 12	0 36	21 16	1 4	26 19	16 42	14 19	13 45	15 59			n.a.
S 11	23 0	6 35	2 21	23 57	1 48	24 14	0 27	14 25	1 53	10 53	0 51	23 14	0 55	23 12	0 36	21 17	1 5	26 18	16 41	14 19	13 46	15 58			n.a.
M12	22 54	2 36	3 16	23 35	1 44	24 15	0 30	14 31	1 54	10 54	0 51	23 15	0 55	23 13	0 36	21 17	1 5	26 18	16 41	14 18	13 47	15 57			n.a.
T 13	22 46	1n34	4 4	23 12	1 39	24 17	0 32	14 38	1 54	10 55	0 50	23 16	0 55	23 13	0 36	21 17	1 5	26 17	16 41	14 18	13 48	15 56			n.a.
W14	22 39	5 45	4 40	22 46	1 33	24 17	0 34	14 45	1 54	10 56	0 50	23 16	0 55	23 13	0 36	21 17	1 5	26 17	16 41	14 18	13 49	15 55			n.a.
T 15	22 31	9 48	5 4	22 18	1 27	24 17	0 36	14 51	1 54	10 57	0 50	23 17	0 55	23 14	0 36	21 18	1 5	26 16	16 40	14 19	13 50	15 53			n.a.
F 16	22 22	13 31	5 13	21 48	1 20	24 15	0 38	14 58	1 54	10 58	0 50	23 18	0 55	23 14	0 36	21 18	1 5	26 15	16 40	14 20	13 52	15 52			n.a.
S 17	22 13	16 38	5 4	21 16	1 13	24 13	0 41	15 5	1 54	10 59	0 49	23 19	0 55	23 14	0 36	21 18	1 5	26 15	16 40	14 21	13 53	15 51			n.a.
S 18	22 4	18 50	4 36	20 43	1 4	24 11	0 43	15 12	1 54	11 1	0 49	23 20	0 55	23 15	0 36	21 18	1 5	26 14	16 40	14 23	13 54	15 50			n.a.
M19	21 54	19 52	3 49	20 8	0 55	24 7	0 45	15 19	1 54	11 2	0 49	23 20	0 56	23 15	0 36	21 19	1 5	26 13	16 39	14 24	13 55	15 49			n.a.
T 20	21 44	19 31	2 45	19 32	0 45	24 3	0 47	15 27	1 54	11 4	0 48	23 21	0 56	23 15	0 36	21 19	1 5	26 13	16 39	14 25	13 56	15 48			n.a.
W21	21 34	17 46	1 30	18 54	0 35	23 58	0 49	15 34	1 54	11 5	0 48	23 22	0 56	23 16	0 36	21 19	1 5	26 12	16 39	14 26	13 57	15 47			n.a.
T 22	21 23	14 46	0 8	18 16	0 24	23 53	0 51	15 41	1 54	11 7	0 48	23 23	0 56	23 16	0 36	21 19	1 5	26 11	16 39	14 26	13 58	15 45			n.a.
F 23	21 12	10 49	1n14	17 37	0 12	23 46	0 53	15 49	1 54	11 9	0 48	23 24	0 56	23 16	0 36	21 20	1 5	26 11	16 38	14 26	13 59	15 44			n.a.
S 24	21 0	6 17	2 29	16 57	0n 1	23 39	0 54	15 56	1 54	11 10	0 47	23 24	0 56	23 17	0 36	21 20	1 5	26 10	16 38	14 26	14 0	15 43			n.a.
S 25	20 48	1 31	3 33	16 18	0 14	23 32	0 56	16 4	1 54	11 12	0 47	23 25	0 56	23 17	0 36	21 20	1 5	26 9	16 38	14 25	14 1	15 42			n.a.
M26	20 35	3 s11	4 23	15 39	0 28	23 23	0 58	16 11	1 54	11 14	0 47	23 26	0 56	23 17	0 36	21 20	1 5	26 9	16 38	14 25	14 2	15 41			n.a.
T 27	20 22	7 36	4 57	15 0	0 42	23 14	1 0	16 19	1 54	11 16	0 47	23 26	0 56	23 18	0 36	21 20	1 5	26 8	16 38	14 25	14 3	15 40			n.a.
W28	20 9	11 32	5 13	14 22	0 57	23 4	1 1	16 27	1 54	11 18	0 46	23 27	0 56	23 18	0 36	21 21	1 5	26 7	16 38	14 25	14 4	15 39			n.a.
T 29	19 56	14 49	5 14	13 46	1 11	22 53	1 3	16 34	1 54	11 20	0 46	23 28	0 56	23 18	0 36	21 21	1 5	26 7	16 37	14 25	14 5	15 37			n.a.
F 30	19 42	17 21	5 0	13 12	1 26	22 42	1 5	16 42	1 54	11 22	0 46	23 29	0 57	23 19	0 36	21 21	1 5	26 6	16 37	14 26	14 6	15 36			n.a.
S 31	19 s27	19 s 3	4n31	12 s40	1n41	22 s30	1 s 6	16n50	1n53	11n24	0 s46	23n29	0n57	23n19	0n36	21 s21	1n 5	26 s 5	16 s37	14n27	14n 7	15 s35			n.a.

Julian Day Number = 1485836.5, Delta T = 05h18m50s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'54, Lahiri = -12°51'53 Julian Calendar 1 Jan. 645 BCE == Greg. Calendar 25 Dec. 646 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

FEBRUARY 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 13 38	5♒16'23	4♉43	23♒ 8	26♉18	10♉29	1♉28	17°R50	16°R34	11♐10	2♓34	21°R42	22♌42	16♒34	n.a.	S 1
M 2	8 17 34	6°16'21	16°43	23°47	27°33	10°54	1°34	17♋46	16♋31	11°12	2°35	21♌40	22°38	16°41	n.a.	M 2
T 3	8 21 31	7°16'18	28°37	24°17	28°47	11°20	1°40	17°41	16°29	11°13	2°37	21°38	22°35	16°47	n.a.	T 3
W 4	8 25 27	8°16'12	10♒26	24°39	0♒ 2	11°45	1°46	17°37	16°26	11°15	2°38	21°37	22°32	16°54	n.a.	W 4
T 5	8 29 24	9°16'04	22°14	24°51	1°16	12°11	1°52	17°33	16°24	11°16	2°40	21°D36	22°29	17° 1	n.a.	T 5
F 6	8 33 21	10°15'54	4♓ 1	24°R55	2°31	12°37	1°59	17°28	16°22	11°17	2°41	21°37	22°26	17° 7	n.a.	F 6
S 7	8 37 17	11°15'42	15°50	24°50	3°46	13° 3	2° 5	17°24	16°19	11°19	2°42	21°38	22°22	17°14	n.a.	S 7
S 8	8 41 14	12°15'27	27°45	24°37	5° 0	13°29	2°12	17°20	16°17	11°20	2°44	21°38	22°19	17°21	n.a.	S 8
M 9	8 45 10	13°15'11	9♈49	24°15	6°15	13°56	2°19	17°16	16°15	11°21	2°45	21°39	22°16	17°27	n.a.	M 9
T 10	8 49 7	14°14'51	22° 6	23°46	7°29	14°22	2°26	17°12	16°13	11°23	2°46	21°40	22°13	17°34	n.a.	T 10
W11	8 53 3	15°14'30	4♉38	23°11	8°44	14°49	2°33	17° 8	16°10	11°24	2°48	21°41	22°10	17°41	n.a.	W11
T 12	8 57 0	16°14'06	17°31	22°29	9°59	15°17	2°40	17° 4	16° 8	11°25	2°49	21°R41	22° 7	17°47	n.a.	T 12
F 13	9 0 56	17°13'40	0♊47	21°43	11°13	15°44	2°48	17° 0	16° 6	11°26	2°51	21°41	22° 3	17°54	n.a.	F 13
S 14	9 4 53	18°13'11	14°30	20°52	12°28	16°12	2°55	16°56	16° 4	11°27	2°52	21°40	22° 0	18° 1	n.a.	S 14
S 15	9 8 49	19°12'40	28°39	20° 0	13°42	16°39	3° 3	16°53	16° 2	11°29	2°54	21°40	21°57	18° 7	n.a.	S 15
M16	9 12 46	20°12'06	13♋14	19° 5	14°57	17° 7	3°11	16°49	16° 0	11°30	2°55	21°40	21°54	18°14	n.a.	M16
T 17	9 16 43	21°11'30	28° 9	18°10	16°11	17°35	3°19	16°45	15°58	11°31	2°56	21°D40	21°51	18°20	n.a.	T 17
W18	9 20 39	22°10'52	13♌18	17°17	17°25	18° 4	3°27	16°42	15°56	11°32	2°58	21°40	21°48	18°27	n.a.	W18
T 19	9 24 36	23°10'12	28°32	16°25	18°40	18°32	3°36	16°39	15°54	11°33	2°59	21°R40	21°44	18°34	n.a.	T 19
F 20	9 28 32	24° 9'29	13♍41	15°35	19°54	19° 1	3°44	16°35	15°52	11°34	3° 1	21°40	21°41	18°40	n.a.	F 20
S 21	9 32 29	25° 8'44	28°35	14°50	21° 9	19°29	3°53	16°32	15°50	11°35	3° 2	21°39	21°38	18°47	n.a.	S 21
S 22	9 36 25	26° 7'57	13♎ 9	14° 9	22°23	19°58	4° 1	16°29	15°48	11°36	3° 4	21°39	21°35	18°54	n.a.	S 22
M23	9 40 22	27° 7'09	27°17	13°32	23°37	20°27	4°10	16°26	15°47	11°37	3° 5	21°38	21°32	19° 0	n.a.	M23
T 24	9 44 18	28° 6'18	10♏58	13° 1	24°52	20°57	4°19	16°23	15°45	11°37	3° 7	21°38	21°28	19° 7	n.a.	T 24
W25	9 48 15	29° 5'26	24°13	12°35	26° 6	21°26	4°28	16°20	15°43	11°38	3° 8	21°D38	21°25	19°14	n.a.	W25
T 26	9 52 11	0♓ 4'32	7♐ 3	12°15	27°21	21°56	4°37	16°17	15°41	11°39	3°10	21°38	21°22	19°20	n.a.	T 26
F 27	9 56 8	1° 3'35	19°33	12° 1	28°35	22°25	4°46	16°14	15°40	11°40	3°11	21°38	21°19	19°27	n.a.	F 27
S 28	10 0 5	2° 2'38	1♉46	11°52	29°49	22°55	4°56	16°12	15°38	11°41	3°12	21°39	21°16	19°34	n.a.	S 28
S 29	10 4 1	3♓ 1'38	13♉47	11°D49	1♓ 3	23♉25	5♉ 5	16♋ 9	15♋37	11♐41	3♓14	21♌40	21♌13	19♒40	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s13	19s50	3n51	12s10	1n56	22s17	1s 8	16n58	1n53	11n26	0s45	23n30	0n57	23n19	0n36	21s21	1n 5	26s 5	16s37	14n28	14n 8	15s34		n.a.
M 2	18 58	19 42	3 2	11 43	2 11	22 4	1 9	17 6	1 53	11 29	0 45	23 31	0 57	23 20	0 36	21 22	1 5	26 4	16 37	14 29	14 9	15 33		n.a.
T 3	18 43	18 42	2 4	11 20	2 25	21 50	1 10	17 14	1 53	11 31	0 45	23 31	0 57	23 20	0 36	21 22	1 5	26 3	16 37	14 29	14 11	15 31		n.a.
W 4	18 27	16 53	1 2	10 59	2 39	21 35	1 12	17 21	1 53	11 33	0 45	23 32	0 57	23 20	0 36	21 22	1 5	26 3	16 36	14 30	14 12	15 30		n.a.
T 5	18 11	14 21	0s 3	10 43	2 52	21 20	1 13	17 29	1 53	11 36	0 44	23 33	0 57	23 20	0 36	21 22	1 5	26 2	16 36	14 30	14 13	15 29		n.a.
F 6	17 55	11 14	1 8	10 30	3 4	21 4	1 14	17 37	1 53	11 38	0 44	23 33	0 57	23 21	0 36	21 22	1 5	26 1	16 36	14 30	14 14	15 28		n.a.
S 7	17 38	7 40	2 11	10 22	3 15	20 48	1 15	17 45	1 53	11 41	0 44	23 34	0 57	23 21	0 36	21 23	1 5	26 1	16 36	14 29	14 15	15 27		n.a.
S 8	17 21	3 46	3 8	10 17	3 25	20 31	1 16	17 53	1 53	11 43	0 44	23 34	0 57	23 21	0 36	21 23	1 5	26 0	16 36	14 29	14 16	15 25		n.a.
M 9	17 4	0n19	3 57	10 16	3 33	20 13	1 17	18 1	1 52	11 46	0 43	23 35	0 57	23 22	0 36	21 23	1 5	26 0	16 36	14 29	14 17	15 24		n.a.
T 10	16 47	4 27	4 37	10 20	3 40	19 55	1 18	18 9	1 52	11 49	0 43	23 36	0 57	23 22	0 36	21 23	1 5	25 59	16 36	14 29	14 18	15 23		n.a.
W11	16 29	8 28	5 4	10 27	3 44	19 36	1 19	18 17	1 52	11 51	0 43	23 36	0 57	23 22	0 36	21 23	1 5	25 58	16 36	14 28	14 19	15 22		n.a.
T 12	16 11	12 13	5 17	10 38	3 47	19 16	1 20	18 25	1 52	11 54	0 43	23 37	0 57	23 22	0 36	21 23	1 5	25 58	16 35	14 28	14 20	15 21		n.a.
F 13	15 53	15 29	5 14	10 52	3 49	18 57	1 21	18 33	1 52	11 57	0 42	23 37	0 57	23 23	0 36	21 23	1 5	25 57	16 35	14 28	14 21	15 19		n.a.
S 14	15 35	18 0	4 53	11 8	3 48	18 36	1 21	18 41	1 52	12 0	0 42	23 38	0 57	23 23	0 36	21 24	1 5	25 56	16 35	14 29	14 22	15 18		n.a.
S 15	15 16	19 31	4 14	11 28	3 45	18 15	1 22	18 49	1 51	12 3	0 42	23 38	0 57	23 23	0 36	21 24	1 5	25 56	16 35	14 29	14 23	15 17		n.a.
M16	14 57	19 49	3 18	11 49	3 40	17 54	1 23	18 57	1 51	12 6	0 42	23 39	0 57	23 23	0 36	21 24	1 5	25 55	16 35	14 29	14 24	15 16		n.a.
T 17	14 38	18 45	2 7	12 12	3 34	17 32	1 23	19 5	1 51	12 9	0 41	23 39	0 57	23 24	0 36	21 24	1 5	25 55	16 35	14 29	14 25	15 14		n.a.
W18	14 19	16 19	0 46	12 37	3 26	17 9	1 24	19 13	1 51	12 12	0 41	23 40	0 58	23 24	0 36	21 24	1 5	25 54	16 35	14 29	14 26	15 13		n.a.
T 19	13 59	12 45	0n38	13 1	3 16	16 46	1 24	19 21	1 51	12 15	0 41	23 40	0 58	23 24	0 36	21 24	1 5	25 53	16 35	14 29	14 27	15 12		n.a.
F 20	13 39	8 20	2 0	13 27	3 5	16 23	1 24	19 29	1 51	12 18	0 41	23 41	0 58	23 24	0 36	21 24	1 5	25 53	16 35	14 29	14 28	15 11		n.a.
S 21	13 19	3 29	3 11	13 52	2 53	15 59	1 25	19 37	1 50	12 21	0 41	23 41	0 58	23 24	0 36	21 24	1 5	25 52	16 35	14 29	14 29	15 10		n.a.
S 22	12 59	1s27	4 9	14 16	2 40	15 35	1 25	19 45	1 50	12 24	0 40	23 41	0 58	23 25	0 36	21 25	1 5	25 51	16 35	14 29	14 30	15 8		n.a.
M23	12 38	6 9	4 50	14 40	2 26	15 10	1 25	19 53	1 50	12 27	0 40	23 42	0 58	23 25	0 36	21 25	1 5	25 51	16 35	14 29	14 31	15 7		n.a.
T 24	12 18	10 23	5 13	15 3	2 11	14 45	1 25	20 0	1 50	12 31	0 40	23 42	0 58	23 25	0 36	21 25	1 5	25 50	16 35	14 29	14 32	15 6		n.a.
W25	11 57	13 57	5 18	15 24	1 57	14 19	1 25	20 8	1 50	12 34	0 40	23 43	0 58	23 25	0 36	21 25	1 5	25 50	16 35	14 29	14 33	15 5		n.a.
T 26	11 36	16 45	5 7	15 44	1 42	13 54	1 25	20 16	1 49	12 37	0 40	23 43	0 58	23 25	0 36	21 25	1 5	25 49	16 35	14 29	14 35	15 3		n.a.
F 27	11 15	18 41	4 41	16 3	1 27	13 27	1 25	20 23	1 49	12 40	0 39	23 43	0 58	23 26	0 36	21 25	1 5	25 49	16 35	14 29	14 36	15 2		n.a.
S 28	10 54	19 42	4 3	16 19	1 12	13 1	1 25	20 31	1 49	12 44	0 39	23 44	0 58	23 26	0 36	21 25	1 5	25 48	16 35	14 29	14 37	15 1		n.a.
S 29	10s32	19s48	3n15	16s34	0n57	12s34	1s25	20n38	1n49	12n47	0s39	23n44	0n58	23n26	0n36	21s25	1n 5	25s47	16s35	14n29	14n38	14s59		n.a.

Julian Day Number = 1485867.5, Delta T = 05h18m48s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'49, Lahiri = -12°51'49 Julian Calendar 1 Feb. 645 BCE == Greg. Calendar 25 Jan. 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

MARCH 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 7 58	4♓ 0'36	25♉40	11♒52	2♓18	23♉55	5♉15	16°R 7	15°R35	11♐42	3♓15	21♌41	21♌ 9	19♒47	n.a.	M 1
T 2	10 11 54	4°59'32	7♒28	12° 0	3°32	24°25	5°25	16♋ 4	15♋34	11°43	3°17	21°42	21° 6	19°53	n.a.	T 2
W 3	10 15 51	5°58'26	19°14	12°13	4°46	24°56	5°35	16° 2	15°32	11°43	3°18	21°R43	21° 3	20° 0	n.a.	W 3
T 4	10 19 47	6°57'18	1♓ 2	12°31	6° 1	25°26	5°44	16° 0	15°31	11°44	3°20	21°42	21° 0	20° 7	n.a.	T 4
F 5	10 23 44	7°56'08	12°53	12°54	7°15	25°57	5°55	15°58	15°30	11°44	3°21	21°41	20°57	20°13	n.a.	F 5
S 6	10 27 40	8°54'56	24°49	13°21	8°29	26°27	6° 5	15°56	15°28	11°45	3°23	21°39	20°53	20°20	n.a.	S 6
S 7	10 31 37	9°53'41	6♈53	13°53	9°43	26°58	6°15	15°54	15°27	11°45	3°24	21°37	20°50	20°27	n.a.	S 7
M 8	10 35 34	10°52'25	19° 7	14°28	10°58	27°29	6°25	15°52	15°26	11°46	3°26	21°34	20°47	20°33	n.a.	M 8
T 9	10 39 30	11°51'06	1♉32	15° 8	12°12	28° 0	6°36	15°50	15°25	11°46	3°27	21°31	20°44	20°40	n.a.	T 9
W10	10 43 27	12°49'45	14°12	15°52	13°26	28°31	6°46	15°49	15°24	11°47	3°29	21°28	20°41	20°47	n.a.	W10
T 11	10 47 23	13°48'21	27° 7	16°39	14°40	29° 3	6°57	15°47	15°23	11°47	3°30	21°26	20°38	20°53	n.a.	T 11
F 12	10 51 20	14°46'56	10♊21	17°29	15°54	29°34	7° 8	15°46	15°22	11°47	3°31	21°D25	20°34	21° 0	n.a.	F 12
S 13	10 55 16	15°45'28	23°55	18°23	17° 8	0♊ 5	7°19	15°45	15°21	11°47	3°33	21°25	20°31	21° 7	n.a.	S 13
S 14	10 59 13	16°43'58	7♋52	19°19	18°22	0°37	7°29	15°44	15°20	11°48	3°34	21°26	20°28	21°13	n.a.	S 14
M15	11 3 9	17°42'25	22° 9	20°19	19°37	1° 9	7°40	15°43	15°19	11°48	3°36	21°28	20°25	21°20	n.a.	M15
T 16	11 7 6	18°40'50	6♌47	21°21	20°51	1°40	7°52	15°42	15°19	11°48	3°37	21°29	20°22	21°26	n.a.	T 16
W17	11 11 2	19°39'13	21°41	22°26	22° 5	2°12	8° 3	15°41	15°18	11°48	3°39	21°R30	20°19	21°33	n.a.	W17
T 18	11 14 59	20°37'34	6♍43	23°34	23°19	2°44	8°14	15°40	15°17	11°48	3°40	21°29	20°15	21°40	n.a.	T 18
F 19	11 18 56	21°35'52	21°47	24°44	24°33	3°16	8°25	15°39	15°17	11°48	3°41	21°27	20°12	21°46	n.a.	F 19
S 20	11 22 52	22°34'09	6♎42	25°56	25°47	3°49	8°37	15°39	15°16	11°48	3°43	21°23	20° 9	21°53	n.a.	S 20
S 21	11 26 49	23°32'24	21°21	27°11	27° 1	4°21	8°48	15°38	15°16	11°R49	3°44	21°19	20° 6	22° 0	n.a.	S 21
M22	11 30 45	24°30'37	5♏37	28°28	28°15	4°53	9° 0	15°38	15°15	11°48	3°46	21°14	20° 3	22° 6	n.a.	M22
T 23	11 34 42	25°28'49	19°26	29°47	29°29	5°26	9°11	15°38	15°15	11°48	3°47	21° 9	19°59	22°13	n.a.	T 23
W24	11 38 38	26°26'59	2♐48	1♓ 8	0♈43	5°58	9°23	15°38	15°14	11°48	3°48	21° 6	19°56	22°20	n.a.	W24
T 25	11 42 35	27°25'07	15°43	2°32	1°57	6°31	9°35	15°D38	15°14	11°48	3°50	21° 4	19°53	22°26	n.a.	T 25
F 26	11 46 31	28°23'14	28°15	3°57	3°10	7° 3	9°47	15°38	15°14	11°48	3°51	21°D 3	19°50	22°33	n.a.	F 26
S 27	11 50 28	29°21'19	10♑28	5°25	4°24	7°36	9°59	15°38	15°14	11°48	3°53	21° 3	19°47	22°40	n.a.	S 27
S 28	11 54 25	0♈19'23	22°27	6°54	5°38	8° 9	10°11	15°38	15°14	11°48	3°54	21° 5	19°44	22°46	n.a.	S 28
M29	11 58 21	1°17'25	4♒18	8°26	6°52	8°42	10°23	15°39	15°13	11°47	3°55	21° 6	19°40	22°53	n.a.	M29
T 30	12 2 18	2°15'26	16° 4	9°59	8° 6	9°15	10°35	15°39	15°D13	11°47	3°57	21°R 8	19°37	23° 0	n.a.	T 30
W31	12 6 14	3♈13'25	27♒51	11♓35	9♈20	9♊48	10♉47	15♋40	15♋13	11♐47	3♓58	21♌ 7	19♌34	23♒ 6	n.a.	W31

Day	☉	☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s10	19s 1	2n20		16s48	0n42	12s 7	1s24	20n46	1n49	12n51	0s39	23n44	0n58	23n26	0n36	21s25	1n 5	25s47	16s35	14n28	14n39	14s58		n.a.
T 2	9 49	17 24	1 18		16 59	0 28	11 39	1 24	20 53	1 48	12 54	0 38	23 45	0 58	23 26	0 36	21 25	1 5	25 46	16 35	14 28	14 40	14 57		n.a.
W 3	9 27	15 3	0 14		17 9	0 14	11 11	1 24	21 1	1 48	12 58	0 38	23 45	0 58	23 26	0 36	21 25	1 6	25 46	16 35	14 28	14 41	14 56		n.a.
T 4	9 5	12 4	0s51		17 17	0 0	10 43	1 23	21 8	1 48	13 1	0 38	23 45	0 58	23 27	0 36	21 25	1 6	25 45	16 35	14 28	14 42	14 54		n.a.
F 5	8 43	8 35	1 55		17 23	0s13	10 15	1 23	21 15	1 48	13 5	0 38	23 46	0 58	23 27	0 36	21 25	1 6	25 45	16 35	14 28	14 43	14 53		n.a.
S 6	8 20	4 44	2 53		17 27	0 25	9 46	1 22	21 22	1 48	13 8	0 38	23 46	0 58	23 27	0 35	21 25	1 6	25 44	16 35	14 29	14 44	14 52		n.a.
S 7	7 58	0 40	3 45		17 29	0 37	9 17	1 21	21 29	1 47	13 12	0 38	23 46	0 58	23 27	0 35	21 25	1 6	25 44	16 35	14 30	14 45	14 50		n.a.
M 8	7 35	3n29	4 27		17 29	0 49	8 48	1 21	21 36	1 47	13 16	0 37	23 46	0 58	23 27	0 35	21 26	1 6	25 43	16 35	14 31	14 46	14 49		n.a.
T 9	7 13	7 32	4 57		17 28	0 59	8 18	1 20	21 43	1 47	13 19	0 37	23 46	0 58	23 27	0 35	21 26	1 6	25 43	16 35	14 32	14 47	14 48		n.a.
W10	6 50	11 21	5 13		17 25	1 10	7 49	1 19	21 50	1 47	13 23	0 37	23 47	0 58	23 27	0 35	21 26	1 6	25 42	16 35	14 33	14 48	14 47		n.a.
T 11	6 27	14 42	5 14		17 20	1 19	7 19	1 18	21 57	1 46	13 27	0 37	23 47	0 58	23 27	0 35	21 26	1 6	25 42	16 35	14 33	14 49	14 45		n.a.
F 12	6 4	17 23	4 58		17 13	1 29	6 49	1 17	22 4	1 46	13 30	0 37	23 47	0 58	23 27	0 35	21 26	1 6	25 41	16 35	14 33	14 50	14 44		n.a.
S 13	5 41	19 12	4 26		17 4	1 37	6 19	1 16	22 10	1 46	13 34	0 36	23 47	0 58	23 28	0 35	21 26	1 6	25 41	16 35	14 33	14 51	14 43		n.a.
S 14	5 18	19 55	3 38		16 54	1 45	5 49	1 15	22 17	1 46	13 38	0 36	23 47	0 58	23 28	0 35	21 26	1 6	25 40	16 35	14 33	14 52	14 41		n.a.
M15	4 55	19 23	2 35		16 42	1 53	5 18	1 14	22 23	1 45	13 42	0 36	23 47	0 58	23 28	0 35	21 26	1 6	25 40	16 35	14 33	14 53	14 40		n.a.
T 16	4 32	17 33	1 20		16 28	1 59	4 47	1 13	22 30	1 45	13 45	0 36	23 47	0 58	23 28	0 35	21 26	1 6	25 39	16 35	14 32	14 54	14 39		n.a.
W17	4 9	14 29	0n 1		16 12	2 6	4 17	1 12	22 36	1 45	13 49	0 36	23 48	0 58	23 28	0 35	21 26	1 6	25 39	16 35	14 32	14 55	14 37		n.a.
T 18	3 46	10 27	1 23		15 55	2 11	3 46	1 10	22 42	1 45	13 53	0 35	23 48	0 58	23 28	0 35	21 26	1 6	25 38	16 36	14 32	14 56	14 36		n.a.
F 19	3 23	5 44	2 39		15 36	2 16	3 15	1 9	22 48	1 44	13 57	0 35	23 48	0 58	23 28	0 35	21 26	1 6	25 38	16 36	14 33	14 57	14 35		n.a.
S 20	2 59	0 43	3 43		15 15	2 21	2 44	1 8	22 54	1 44	14 1	0 35	23 48	0 58	23 28	0 35	21 26	1 6	25 37	16 36	14 34	14 58	14 33		n.a.
S 21	2 36	4s15	4 31		14 53	2 25	2 13	1 6	23 0	1 44	14 5	0 35	23 48	0 58	23 28	0 35	21 26	1 6	25 37	16 36	14 36	14 59	14 32		n.a.
M22	2 13	8 51	5 1		14 29	2 28	1 42	1 5	23 6	1 44	14 9	0 35	23 48	0 58	23 28	0 35	21 26	1 6	25 37	16 36	14 37	15 0	14 31		n.a.
T 23	1 49	12 49	5 12		14 3	2 31	1 10	1 3	23 12	1 43	14 13	0 35	23 48	0 58	23 28	0 35	21 25	1 6	25 36	16 36	14 39	15 1	14 29		n.a.
W24	1 26	16 0	5 6		13 36	2 33	0 39	1 1	23 18	1 43	14 17	0 34	23 48	0 58	23 28	0 35	21 25	1 6	25 36	16 36	14 40	15 2	14 28		n.a.
T 25	1 2	18 17	4 44		13 7	2 34	0 8	1 0	23 23	1 43	14 20	0 34	23 48	0 58	23 28	0 35	21 25	1 6	25 35	16 36	14 41	15 3	14 27		n.a.
F 26	0 39	19 36	4 9		12 36	2 35	0n24	0 58	23 28	1 43	14 24	0 34	23 48	0 58	23 28	0 35	21 25	1 6	25 35	16 37	14 41	15 4	14 25		n.a.
S 27	0 16	19 58	3 24		12 4	2 36	0 55	0 56	23 34	1 42	14 28	0 34	23 48	0 58	23 28	0 35	21 25	1 6	25 35	16 37	14 41	15 5	14 24		n.a.
S 28	0n 8	19 24	2 30		11 30	2 36	1 26	0 55	23 39	1 42	14 32	0 34	23 48	0 58	23 28	0 35	21 25	1 6	25 34	16 37	14 40	15 6	14 22		n.a.
M29	0 31	17 59	1 30		10 55	2 35	1 57	0 53	23 44	1 42	14 36	0 34	23 48	0 58	23 28	0 35	21 25	1 6	25 34	16 37	14 40	15 7	14 21		n.a.
T 30	0 55	15 48	0 28		10 18	2 34	2 29	0 51	23 49	1 41	14 40	0 33	23 48	0 58	23 28	0 35	21 25	1 6	25 33	16 37	14 39	15 8	14 20		n.a.
W31	1n18	12s57	0s37		9s39	2s32	3n 0	0s49	23n54	1n41	14n44	0s33	23n48	0n58	23n28	0n35	21s25	1n 6	25s33	16s37	14n39	15n 9	14s18		n.a.

Julian Day Number = 1485896.5, Delta T = 05h18m47s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'45, Lahiri = -12°51'45 Julian Calendar 1 March 645 BCE == Greg. Calendar 23 Feb. 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

APRIL 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 10 11	4♈11'22	9♓42	13♓12	10♈34	10♊21	10♉59	15♋41	15♋14	11°R47	3♓59	21°R 6	19♌31	23♒13	n.a.	T 1
F 2	12 14 7	5° 9'18	21°39	14°51	11°48	10°54	11°12	15°41	15°14	11♐46	4° 0	21♌ 2	19°28	23°19	n.a.	F 2
S 3	12 18 4	6° 7'12	3♈46	16°32	13° 1	11°27	11°24	15°42	15°14	11°46	4° 2	20°56	19°24	23°26	n.a.	S 3
S 4	12 22 0	7° 5'05	16° 4	18°15	14°15	12° 1	11°36	15°43	15°14	11°45	4° 3	20°48	19°21	23°33	n.a.	S 4
M 5	12 25 57	8° 2'56	28°33	20° 0	15°29	12°34	11°49	15°45	15°14	11°45	4° 4	20°40	19°18	23°39	n.a.	M 5
T 6	12 29 53	9° 0'45	11♉14	21°47	16°43	13° 8	12° 1	15°46	15°15	11°44	4° 5	20°31	19°15	23°46	n.a.	T 6
W 7	12 33 50	9°58'33	24° 9	23°36	17°57	13°41	12°14	15°47	15°15	11°44	4° 7	20°24	19°12	23°53	n.a.	W 7
T 8	12 37 47	10°56'19	7♊16	25°27	19°10	14°15	12°27	15°49	15°16	11°43	4° 8	20°18	19° 9	23°59	n.a.	T 8
F 9	12 41 43	11°54'03	20°37	27°19	20°24	14°49	12°39	15°50	15°16	11°43	4° 9	20°13	19° 5	24° 6	n.a.	F 9
S 10	12 45 40	12°51'46	4♋12	29°14	21°38	15°23	12°52	15°52	15°17	11°42	4°10	20°11	19° 2	24°13	n.a.	S 10
S 11	12 49 36	13°49'27	18° 2	1♈10	22°52	15°56	13° 5	15°54	15°17	11°41	4°12	20°D11	18°59	24°19	n.a.	S 11
M12	12 53 33	14°47'05	2♌ 7	3° 9	24° 5	16°30	13°18	15°55	15°18	11°41	4°13	20°12	18°56	24°26	n.a.	M12
T 13	12 57 29	15°44'43	16°27	5° 9	25°19	17° 4	13°30	15°57	15°19	11°40	4°14	20°R13	18°53	24°33	n.a.	T 13
W14	13 1 26	16°42'18	0♍59	7°11	26°33	17°38	13°43	15°59	15°19	11°39	4°15	20°12	18°50	24°39	n.a.	W14
T 15	13 5 22	17°39'52	15°40	9°14	27°46	18°12	13°56	16° 2	15°20	11°39	4°16	20°10	18°46	24°46	n.a.	T 15
F 16	13 9 19	18°37'24	0♎24	11°19	29° 0	18°47	14° 9	16° 4	15°21	11°38	4°17	20° 5	18°43	24°52	n.a.	F 16
S 17	13 13 16	19°34'55	15° 4	13°26	0♉13	19°21	14°22	16° 6	15°22	11°37	4°18	19°58	18°40	24°59	n.a.	S 17
S 18	13 17 12	20°32'25	29°33	15°34	1°27	19°55	14°35	16° 9	15°23	11°36	4°19	19°49	18°37	25° 6	n.a.	S 18
M19	13 21 9	21°29'53	13♏44	17°43	2°41	20°29	14°48	16°11	15°24	11°35	4°21	19°40	18°34	25°12	n.a.	M19
T 20	13 25 5	22°27'21	27°32	19°53	3°54	21° 4	15° 2	16°14	15°25	11°34	4°22	19°30	18°30	25°19	n.a.	T 20
W21	13 29 2	23°24'47	10♐54	22° 4	5° 8	21°38	15°15	16°17	15°26	11°33	4°23	19°22	18°27	25°26	n.a.	W21
T 22	13 32 58	24°22'13	23°51	24°15	6°21	22°13	15°28	16°19	15°28	11°32	4°24	19°16	18°24	25°32	n.a.	T 22
F 23	13 36 55	25°19'37	6♑26	26°27	7°35	22°47	15°41	16°22	15°29	11°31	4°25	19°12	18°21	25°39	n.a.	F 23
S 24	13 40 51	26°17'01	18°40	28°38	8°48	23°22	15°55	16°25	15°30	11°31	4°26	19°10	18°18	25°46	n.a.	S 24
S 25	13 44 48	27°14'24	0♒41	0♉49	10° 2	23°57	16° 8	16°29	15°31	11°29	4°27	19°D10	18°15	25°52	n.a.	S 25
M26	13 48 45	28°11'46	12°32	3° 0	11°15	24°31	16°21	16°32	15°33	11°28	4°28	19°11	18°11	25°59	n.a.	M26
T 27	13 52 41	29° 9'07	24°20	5°10	12°29	25° 6	16°35	16°35	15°34	11°27	4°29	19°R11	18° 8	26° 6	n.a.	T 27
W28	13 56 38	0♉ 6'28	6♓ 8	7°19	13°42	25°41	16°48	16°38	15°36	11°26	4°29	19° 9	18° 5	26°12	n.a.	W28
T 29	14 0 34	1° 3'48	18° 3	9°26	14°56	26°16	17° 1	16°42	15°37	11°25	4°30	19° 6	18° 2	26°19	n.a.	T 29
F 30	14 4 31	2♉ 1'07	0♈ 8	11♉32	16♉ 9	26♊51	17♉15	16♋45	15♋39	11♐24	4♓31	19♌ 0	17♌59	26♒26	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n41	9s34	1s39	8s59	2s29	3n31	0s47	23n58	1n41	14n48	0s33	23n47	0n58	23n28	0n35	21s25	1n 6	25s33	16s38	14n40	15n10	14s17		n.a.
F 2	2 5	5 46	2 38	8 18	2 26	4 2	0 45	24 3	1 41	14 52	0 33	23 47	0 58	23 28	0 35	21 25	1 6	25 32	16 38	14 41	15 11	14 16		n.a.
S 3	2 28	1 41	3 30	7 34	2 23	4 33	0 43	24 7	1 40	14 56	0 33	23 47	0 58	23 28	0 35	21 25	1 6	25 32	16 38	14 43	15 12	14 14		n.a.
S 4	2 51	2n31	4 13	6 50	2 19	5 4	0 41	24 12	1 40	15 0	0 33	23 47	0 58	23 28	0 35	21 25	1 6	25 32	16 38	14 45	15 13	14 13		n.a.
M 5	3 14	6 40	4 45	6 4	2 14	5 35	0 39	24 16	1 40	15 4	0 33	23 47	0 58	23 28	0 35	21 25	1 6	25 32	16 38	14 48	15 14	14 11		n.a.
T 6	3 37	10 36	5 3	5 16	2 9	6 6	0 37	24 20	1 39	15 8	0 32	23 47	0 58	23 28	0 35	21 25	1 6	25 31	16 39	14 51	15 15	14 10		n.a.
W 7	4 0	14 7	5 7	4 28	2 3	6 36	0 35	24 24	1 39	15 12	0 32	23 47	0 58	23 28	0 35	21 25	1 6	25 31	16 39	14 53	15 16	14 9		n.a.
T 8	4 23	16 59	4 54	3 37	1 57	7 6	0 32	24 28	1 39	15 17	0 32	23 46	0 58	23 28	0 35	21 24	1 6	25 31	16 39	14 55	15 17	14 7		n.a.
F 9	4 46	19 1	4 26	2 46	1 51	7 37	0 30	24 32	1 39	15 21	0 32	23 46	0 58	23 27	0 35	21 24	1 6	25 30	16 39	14 57	15 18	14 6		n.a.
S 10	5 9	20 1	3 42	1 53	1 43	8 7	0 28	24 35	1 38	15 25	0 32	23 46	0 58	23 27	0 35	21 24	1 6	25 30	16 39	14 57	15 19	14 4		n.a.
S 11	5 32	19 50	2 44	0 59	1 36	8 37	0 26	24 39	1 38	15 29	0 32	23 46	0 58	23 27	0 35	21 24	1 7	25 30	16 40	14 57	15 20	14 3		n.a.
M12	5 54	18 24	1 36	0 4	1 27	9 6	0 23	24 42	1 38	15 33	0 32	23 46	0 58	23 27	0 35	21 24	1 7	25 30	16 40	14 57	15 21	14 2		n.a.
T 13	6 17	15 48	0 20	0n52	1 19	9 36	0 21	24 45	1 37	15 37	0 31	23 45	0 58	23 27	0 35	21 24	1 7	25 29	16 40	14 57	15 22	14 0		n.a.
W14	6 39	12 10	0n58	1 49	1 10	10 5	0 19	24 48	1 37	15 41	0 31	23 45	0 58	23 27	0 35	21 24	1 7	25 29	16 40	14 57	15 23	13 59		n.a.
T 15	7 2	7 45	2 12	2 47	1 0	10 34	0 16	24 51	1 37	15 45	0 31	23 45	0 58	23 27	0 35	21 24	1 7	25 29	16 41	14 58	15 24	13 57		n.a.
F 16	7 24	2 52	3 18	3 46	0 51	11 3	0 14	24 54	1 37	15 49	0 31	23 44	0 58	23 27	0 35	21 23	1 7	25 29	16 41	14 59	15 25	13 56		n.a.
S 17	7 46	2s10	4 10	4 45	0 41	11 31	0 12	24 56	1 36	15 53	0 31	23 44	0 58	23 27	0 35	21 23	1 7	25 29	16 41	15 2	15 26	13 54		n.a.
S 18	8 8	7 1	4 46	5 44	0 31	12 0	0 9	24 59	1 36	15 57	0 31	23 44	0 58	23 26	0 34	21 23	1 7	25 28	16 41	15 4	15 27	13 53		n.a.
M19	8 30	11 22	5 3	6 44	0 20	12 28	0 7	25 1	1 36	16 1	0 31	23 44	0 58	23 26	0 34	21 23	1 7	25 28	16 42	15 8	15 28	13 52		n.a.
T 20	8 51	14 59	5 1	7 44	0 10	12 55	0 4	25 3	1 35	16 5	0 30	23 43	0 58	23 26	0 34	21 23	1 7	25 28	16 42	15 10	15 29	13 50		n.a.
W21	9 13	17 43	4 43	8 43	0n 1	13 23	0 2	25 5	1 35	16 9	0 30	23 43	0 57	23 26	0 34	21 23	1 7	25 28	16 42	15 13	15 30	13 49		n.a.
T 22	9 34	19 27	4 11	9 43	0 12	13 50	0n 0	25 7	1 35	16 13	0 30	23 43	0 57	23 26	0 34	21 23	1 7	25 28	16 42	15 15	15 31	13 47		n.a.
F 23	9 56	20 9	3 28	10 41	0 22	14 17	0 3	25 9	1 34	16 17	0 30	23 42	0 57	23 26	0 34	21 23	1 7	25 28	16 43	15 16	15 32	13 46		n.a.
S 24	10 17	19 53	2 35	11 38	0 32	14 43	0 5	25 10	1 34	16 21	0 30	23 42	0 57	23 25	0 34	21 22	1 7	25 28	16 43	15 17	15 33	13 44		n.a.
S 25	10 38	18 42	1 37	12 35	0 42	15 9	0 8	25 12	1 34	16 25	0 30	23 41	0 57	23 25	0 34	21 22	1 7	25 27	16 43	15 17	15 34	13 43		n.a.
M26	10 59	16 43	0 35	13 30	0 52	15 35	0 10	25 13	1 34	16 29	0 30	23 41	0 57	23 25	0 34	21 22	1 7	25 27	16 44	15 17	15 35	13 41		n.a.
T 27	11 19	14 2	0s27	14 23	1 2	16 0	0 13	25 14	1 33	16 33	0 30	23 41	0 57	23 25	0 34	21 22	1 7	25 27	16 44	15 17	15 36	13 40		n.a.
W28	11 40	10 46	1 29	15 15	1 11	16 25	0 15	25 15	1 33	16 37	0 29	23 40	0 57	23 25	0 34	21 22	1 7	25 27	16 44	15 17	15 37	13 38		n.a.
T 29	12 0	7 2	2 27	16 5	1 19	16 49	0 18	25 16	1 33	16 41	0 29	23 40	0 57	23 25	0 34	21 22	1 7	25 27	16 44	15 18	15 38	13 37		n.a.
F 30	12n20	2s59	3s20	16n53	1n27	17n13	0n20	25n16	1n32	16n45	0s29	23n39	0n57	23n24	0n34	21s21	1n 7	25s27	16s45	15n20	15n39	13s35		n.a.

Julian Day Number = 1485927.5, Delta T = 05h18m45s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'41, Lahiri = -12°51'41 Julian Calendar 1 Apr. 645 BCE == Greg. Calendar 25 March 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

MAY 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 8 27	2♉58'25	12♈26	13♉36	17♉23	27♊26	17♉28	16♋49	15♋40	11°R23	4♓32	18°R51	17♌56	26♒32	n.a.	S 1
S 2	14 12 24	3°55'42	24°58	15°38	18°36	28° 1	17°42	16°53	15°42	11♐22	4°33	18♌40	17°52	26°39	n.a.	S 2
M 3	14 16 20	4°52'59	7♉45	17°39	19°50	28°36	17°55	16°57	15°44	11°20	4°34	18°28	17°49	26°45	n.a.	M 3
T 4	14 20 17	5°50'15	20°47	19°37	21° 3	29°11	18° 9	17° 1	15°46	11°19	4°35	18°16	17°46	26°52	n.a.	T 4
W 5	14 24 14	6°47'30	4♊ 3	21°32	22°16	29°46	18°22	17° 5	15°47	11°18	4°35	18° 5	17°43	26°59	n.a.	W 5
T 6	14 28 10	7°44'45	17°30	23°26	23°30	0♋22	18°36	17° 9	15°49	11°17	4°36	17°55	17°40	27° 5	n.a.	T 6
F 7	14 32 7	8°41'58	1♋ 8	25°17	24°43	0°57	18°49	17°13	15°51	11°15	4°37	17°49	17°36	27°12	n.a.	F 7
S 8	14 36 3	9°39'11	14°54	27° 6	25°57	1°32	19° 3	17°17	15°53	11°14	4°38	17°45	17°33	27°19	n.a.	S 8
S 9	14 40 0	10°36'22	28°49	28°52	27°10	2° 8	19°17	17°21	15°55	11°13	4°38	17°43	17°30	27°25	n.a.	S 9
M10	14 43 56	11°33'33	12♌51	0♊36	28°23	2°43	19°30	17°26	15°57	11°11	4°39	17°43	17°27	27°32	n.a.	M10
T 11	14 47 53	12°30'43	27° 0	2°18	29°36	3°19	19°44	17°30	15°59	11°10	4°40	17°43	17°24	27°39	n.a.	T 11
W12	14 51 49	13°27'52	11♍15	3°56	0♊50	3°54	19°57	17°35	16° 1	11° 9	4°40	17°42	17°21	27°45	n.a.	W12
T 13	14 55 46	14°25'00	25°34	5°33	2° 3	4°30	20°11	17°40	16° 4	11° 7	4°41	17°38	17°17	27°52	n.a.	T 13
F 14	14 59 43	15°22'07	9♎53	7° 6	3°16	5° 5	20°25	17°44	16° 6	11° 6	4°42	17°32	17°14	27°59	n.a.	F 14
S 15	15 3 39	16°19'14	24° 9	8°38	4°30	5°41	20°38	17°49	16° 8	11° 5	4°42	17°23	17°11	28° 5	n.a.	S 15
S 16	15 7 36	17°16'20	8♏16	10° 6	5°43	6°17	20°52	17°54	16°10	11° 3	4°43	17°13	17° 8	28°12	n.a.	S 16
M17	15 11 32	18°13'26	22° 9	11°32	6°56	6°53	21° 6	17°59	16°13	11° 2	4°43	17° 1	17° 5	28°19	n.a.	M17
T 18	15 15 29	19°10'32	5♐44	12°56	8° 9	7°29	21°19	18° 4	16°15	11° 0	4°44	16°49	17° 1	28°25	n.a.	T 18
W19	15 19 25	20° 7'37	18°58	14°16	9°22	8° 4	21°33	18° 9	16°18	10°59	4°45	16°39	16°58	28°32	n.a.	W19
T 20	15 23 22	21° 4'42	1♑50	15°34	10°35	8°40	21°47	18°14	16°20	10°57	4°45	16°31	16°55	28°38	n.a.	T 20
F 21	15 27 18	22° 1'48	14°22	16°50	11°49	9°16	22° 0	18°19	16°23	10°56	4°46	16°25	16°52	28°45	n.a.	F 21
S 22	15 31 15	22°58'53	26°37	18° 2	13° 2	9°52	22°14	18°25	16°25	10°54	4°46	16°22	16°49	28°52	n.a.	S 22
S 23	15 35 12	23°55'58	8♒37	19°12	14°15	10°28	22°27	18°30	16°28	10°53	4°46	16°21	16°46	28°58	n.a.	S 23
M24	15 39 8	24°53'03	20°29	20°18	15°28	11° 4	22°41	18°35	16°30	10°51	4°47	16°21	16°42	29° 5	n.a.	M24
T 25	15 43 5	25°50'09	2♓18	21°22	16°41	11°41	22°55	18°41	16°33	10°50	4°47	16°20	16°39	29°12	n.a.	T 25
W26	15 47 1	26°47'15	14° 9	22°22	17°54	12°17	23° 8	18°46	16°36	10°48	4°48	16°19	16°36	29°18	n.a.	W26
T 27	15 50 58	27°44'21	26° 7	23°20	19° 7	12°53	23°22	18°52	16°38	10°46	4°48	16°16	16°33	29°25	n.a.	T 27
F 28	15 54 54	28°41'27	8♈17	24°14	20°20	13°29	23°36	18°58	16°41	10°45	4°48	16°11	16°30	29°32	n.a.	F 28
S 29	15 58 51	29°38'33	20°42	25° 4	21°33	14° 6	23°49	19° 3	16°44	10°43	4°49	16° 3	16°27	29°38	n.a.	S 29
S 30	16 2 47	0♊35'40	3♉26	25°51	22°46	14°42	24° 3	19° 9	16°47	10°42	4°49	15°53	16°23	29°45	n.a.	S 30
M31	16 6 44	1♊32'46	16♉29	26♊35	23♊59	15♋19	24♉17	19♋15	16♋50	10♐40	4♓49	15♌42	16♌20	29♒52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n40	1n15	4s 3	17n38	1n34	17n37	0n22	25n17	1n32	16n49	0s29	23n39	0n57	23n24	0n34	21s21	1n 7	25s27	16s45	15n23	15n40	13s34		n.a.
S 2	13 0	5 31	4 36	18 22	1 41	18 0	0 25	25 17	1 32	16 53	0 29	23 38	0 57	23 24	0 34	21 21	1 7	25 27	16 45	15 26	15 41	13 33		n.a.
M 3	13 20	9 37	4 56	19 2	1 47	18 23	0 27	25 17	1 31	16 57	0 29	23 38	0 57	23 24	0 34	21 21	1 7	25 27	16 46	15 30	15 42	13 31		n.a.
T 4	13 39	13 22	5 1	19 41	1 53	18 45	0 30	25 17	1 31	17 1	0 29	23 37	0 57	23 23	0 34	21 21	1 7	25 27	16 46	15 34	15 43	13 30		n.a.
W 5	13 58	16 30	4 50	20 17	1 57	19 7	0 32	25 17	1 31	17 5	0 29	23 37	0 57	23 23	0 34	21 20	1 7	25 27	16 46	15 37	15 44	13 28		n.a.
T 6	14 17	18 49	4 23	20 51	2 1	19 28	0 35	25 17	1 30	17 8	0 29	23 36	0 57	23 23	0 34	21 20	1 7	25 27	16 47	15 40	15 45	13 27		n.a.
F 7	14 36	20 6	3 40	21 22	2 5	19 48	0 37	25 16	1 30	17 12	0 28	23 36	0 57	23 23	0 34	21 20	1 7	25 27	16 47	15 42	15 46	13 25		n.a.
S 8	14 54	20 12	2 44	21 51	2 7	20 9	0 39	25 15	1 30	17 16	0 28	23 35	0 57	23 22	0 34	21 20	1 7	25 27	16 47	15 44	15 47	13 24		n.a.
S 9	15 13	19 5	1 38	22 17	2 9	20 28	0 42	25 15	1 29	17 20	0 28	23 34	0 57	23 22	0 34	21 20	1 7	25 27	16 48	15 44	15 48	13 22		n.a.
M10	15 31	16 47	0 26	22 41	2 10	20 47	0 44	25 14	1 29	17 24	0 28	23 34	0 57	23 22	0 34	21 20	1 7	25 27	16 48	15 44	15 49	13 21		n.a.
T 11	15 48	13 27	0n49	23 3	2 11	21 6	0 46	25 12	1 29	17 28	0 28	23 33	0 57	23 22	0 34	21 19	1 7	25 27	16 48	15 44	15 50	13 19		n.a.
W12	16 6	9 18	2 1	23 22	2 11	21 24	0 48	25 11	1 28	17 32	0 28	23 33	0 57	23 21	0 34	21 19	1 7	25 27	16 49	15 45	15 51	13 18		n.a.
T 13	16 23	4 37	3 6	23 39	2 10	21 41	0 51	25 10	1 28	17 35	0 28	23 32	0 57	23 21	0 34	21 19	1 7	25 27	16 49	15 46	15 52	13 16		n.a.
F 14	16 40	0s19	3 59	23 54	2 8	21 58	0 53	25 8	1 28	17 39	0 28	23 31	0 57	23 21	0 34	21 19	1 7	25 27	16 49	15 47	15 53	13 15		n.a.
S 15	16 57	5 13	4 37	24 7	2 5	22 14	0 55	25 6	1 27	17 43	0 28	23 31	0 57	23 20	0 34	21 19	1 7	25 27	16 50	15 50	15 54	13 13		n.a.
S 16	17 13	9 46	4 57	24 17	2 2	22 30	0 57	25 4	1 27	17 47	0 27	23 30	0 57	23 20	0 34	21 18	1 7	25 27	16 50	15 54	15 55	13 11		n.a.
M17	17 30	13 44	4 59	24 26	1 59	22 44	0 59	25 2	1 27	17 50	0 27	23 29	0 57	23 20	0 34	21 18	1 7	25 27	16 50	15 57	15 56	13 10		n.a.
T 18	17 46	16 53	4 45	24 33	1 54	22 59	1 1	25 0	1 26	17 54	0 27	23 29	0 57	23 20	0 34	21 18	1 7	25 28	16 51	16 1	15 57	13 8		n.a.
W19	18 1	19 4	4 15	24 38	1 49	23 12	1 3	24 57	1 26	17 58	0 27	23 28	0 57	23 19	0 34	21 18	1 7	25 28	16 51	16 4	15 58	13 7		n.a.
T 20	18 17	20 13	3 33	24 41	1 43	23 25	1 5	24 54	1 26	18 2	0 27	23 27	0 57	23 19	0 34	21 17	1 7	25 28	16 51	16 6	15 59	13 5		n.a.
F 21	18 32	20 19	2 41	24 43	1 37	23 38	1 7	24 52	1 25	18 5	0 27	23 27	0 57	23 19	0 34	21 17	1 7	25 28	16 52	16 8	16 0	13 4		n.a.
S 22	18 46	19 27	1 43	24 43	1 30	23 49	1 9	24 48	1 25	18 9	0 27	23 26	0 57	23 18	0 34	21 17	1 7	25 28	16 52	16 9	16 1	13 2		n.a.
S 23	19 1	17 42	0 41	24 41	1 22	24 0	1 11	24 45	1 25	18 13	0 27	23 25	0 57	23 18	0 34	21 17	1 7	25 28	16 53	16 9	16 2	13 1		n.a.
M24	19 15	15 12	0s22	24 38	1 14	24 10	1 13	24 42	1 24	18 16	0 27	23 24	0 57	23 18	0 34	21 17	1 7	25 28	16 53	16 9	16 3	12 59		n.a.
T 25	19 29	12 6	1 24	24 34	1 5	24 20	1 15	24 38	1 24	18 20	0 27	23 24	0 57	23 17	0 34	21 16	1 7	25 29	16 53	16 9	16 4	12 58		n.a.
W26	19 43	8 30	2 22	24 28	0 56	24 29	1 16	24 35	1 23	18 23	0 26	23 23	0 57	23 17	0 34	21 16	1 7	25 29	16 54	16 10	16 5	12 56		n.a.
T 27	19 56	4 32	3 14	24 22	0 46	24 37	1 18	24 31	1 23	18 27	0 26	23 22	0 57	23 17	0 34	21 16	1 7	25 29	16 54	16 11	16 6	12 55		n.a.
F 28	20 9	0 20	3 59	24 14	0 35	24 44	1 20	24 27	1 23	18 30	0 26	23 21	0 57	23 16	0 34	21 16	1 7	25 29	16 54	16 12	16 7	12 53		n.a.
S 29	20 21	3n59	4 33	24 4	0 24	24 51	1 21	24 23	1 22	18 34	0 26	23 21	0 57	23 16	0 34	21 15	1 7	25 29	16 55	16 15	16 8	12 51		n.a.
S 30	20 33	8 13	4 55	23 54	0 12	24 57	1 23	24 18	1 22	18 37	0 26	23 20	0 57	23 15	0 34	21 15	1 7	25 30	16 55	16 18	16 9	12 50		n.a.
M31	20n45	12n11	5s 2	23n44	0s 0	25n 2	1n24	24n14	1n22	18n41	0s26	23n19	0n57	23n15	0n34	21s15	1n 7	25s30	16s55	16n21	16n10	12s48		n.a.

Julian Day Number = 1485957.5, Delta T = 05h18m44s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'37, Lahiri = -12°51'37 Julian Calendar 1 May 645 BCE == Greg. Calendar 24 Apr. 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

JUNE 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 10 41	2♊29'53	29♉51	27♊14	25♊12	15♋55	24♉30	19♋21	16♋53	10°R39	4♓49	15°R30	16♌17	29♒58	n.a.	T 1
W 2	16 14 37	3°27'01	13♊30	27°50	26°25	16°32	24°44	19°27	16°55	10♐37	4°50	15♌19	16°14	0♓ 5	n.a.	W 2
T 3	16 18 34	4°24'08	27°21	28°22	27°38	17° 8	24°57	19°33	16°58	10°35	4°50	15°10	16°11	0°12	n.a.	T 3
F 4	16 22 30	5°21'16	11♋23	28°50	28°51	17°45	25°11	19°39	17° 1	10°34	4°50	15° 4	16° 7	0°18	n.a.	F 4
S 5	16 26 27	6°18'24	25°30	29°13	0♋ 4	18°21	25°24	19°45	17° 4	10°32	4°50	15° 0	16° 4	0°25	n.a.	S 5
S 6	16 30 23	7°15'32	9♌40	29°32	1°17	18°58	25°38	19°51	17° 7	10°30	4°50	14°D59	16° 1	0°32	n.a.	S 6
M 7	16 34 20	8°12'39	23°50	29°46	2°30	19°35	25°51	19°57	17°11	10°29	4°50	14°59	15°58	0°38	n.a.	M 7
T 8	16 38 17	9° 9'47	7♍59	29°56	3°43	20°12	26° 5	20° 4	17°14	10°27	4°50	15°R 0	15°55	0°45	n.a.	T 8
W 9	16 42 13	10° 6'55	22° 6	0♋ 1	4°56	20°49	26°18	20°10	17°17	10°26	4°51	14°59	15°52	0°51	n.a.	W 9
T 10	16 46 10	11° 4'03	6♎ 9	0°R 1	6° 9	21°26	26°32	20°16	17°20	10°24	4°51	14°57	15°48	0°58	n.a.	T 10
F 11	16 50 6	12° 1'11	20° 8	29♊56	7°22	22° 2	26°45	20°23	17°23	10°22	4°R51	14°52	15°45	1° 5	n.a.	F 11
S 12	16 54 3	12°58'20	3♏59	29°46	8°34	22°39	26°58	20°29	17°26	10°21	4°51	14°45	15°42	1°11	n.a.	S 12
S 13	16 57 59	13°55'29	17°40	29°32	9°47	23°16	27°12	20°36	17°30	10°19	4°51	14°36	15°39	1°18	n.a.	S 13
M14	17 1 56	14°52'38	1♐ 9	29°13	11° 0	23°54	27°25	20°42	17°33	10°18	4°51	14°26	15°36	1°25	n.a.	M14
T 15	17 5 52	15°49'48	14°23	28°50	12°13	24°31	27°38	20°49	17°36	10°16	4°50	14°16	15°33	1°31	n.a.	T 15
W16	17 9 49	16°46'59	27°20	28°22	13°25	25° 8	27°52	20°56	17°40	10°14	4°50	14° 8	15°29	1°38	n.a.	W16
T 17	17 13 46	17°44'10	10♑ 1	27°51	14°38	25°45	28° 5	21° 2	17°43	10°13	4°50	14° 1	15°26	1°45	n.a.	T 17
F 18	17 17 42	18°41'22	22°25	27°16	15°51	26°22	28°18	21° 9	17°46	10°11	4°50	13°57	15°23	1°51	n.a.	F 18
S 19	17 21 39	19°38'35	4♒35	26°38	17° 3	26°59	28°31	21°16	17°50	10° 9	4°50	13°54	15°20	1°58	n.a.	S 19
S 20	17 25 35	20°35'49	16°33	25°58	18°16	27°37	28°44	21°23	17°53	10° 8	4°50	13°D54	15°17	2° 5	n.a.	S 20
M21	17 29 32	21°33'04	28°24	25°16	19°29	28°14	28°57	21°30	17°57	10° 6	4°50	13°55	15°13	2°11	n.a.	M21
T 22	17 33 28	22°30'20	10♓13	24°33	20°41	28°52	29°10	21°37	18° 0	10° 5	4°49	13°56	15°10	2°18	n.a.	T 22
W23	17 37 25	23°27'37	22° 4	23°50	21°54	29°29	29°23	21°43	18° 3	10° 3	4°49	13°R56	15° 7	2°25	n.a.	W23
T 24	17 41 22	24°24'55	4♈ 3	23° 7	23° 6	0♌ 7	29°36	21°50	18° 7	10° 2	4°49	13°56	15° 4	2°31	n.a.	T 24
F 25	17 45 18	25°22'14	16°15	22°26	24°19	0°44	29°49	21°57	18°10	10° 0	4°49	13°54	15° 1	2°38	n.a.	F 25
S 26	17 49 15	26°19'35	28°43	21°46	25°31	1°22	0♊ 2	22° 4	18°14	9°59	4°48	13°49	14°58	2°45	n.a.	S 26
S 27	17 53 11	27°16'57	11♉33	21° 9	26°44	1°59	0°15	22°12	18°18	9°57	4°48	13°44	14°54	2°51	n.a.	S 27
M28	17 57 8	28°14'20	24°45	20°36	27°56	2°37	0°28	22°19	18°21	9°55	4°48	13°37	14°51	2°58	n.a.	M28
T 29	18 1 4	29°11'44	8♊21	20° 7	29° 9	3°15	0°41	22°26	18°25	9°54	4°47	13°29	14°48	3° 5	n.a.	T 29
W30	18 5 1	0♋ 9'10	22♊17	19♊42	0♌21	3♌53	0♊53	22♋33	18♋28	9♐52	4♓47	13♌23	14♌45	3♓11	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n57	15n38	4s53	23n32	0s13	25n 7	1n26	24n 9	1n21	18n44	0s26	23n18	0n57	23n15	0n34	21s15	1n 7	25s30	16s56	16n25	16n10	12s47		n.a.
W 2	21 8	18 19	4 27	23 19	0 26	25 10	1 27	24 4	1 21	18 48	0 26	23 17	0 57	23 14	0 34	21 15	1 7	25 30	16 56	16 28	16 11	12 45		n.a.
T 3	21 19	20 0	3 45	23 6	0 39	25 13	1 28	23 59	1 21	18 51	0 26	23 16	0 57	23 14	0 34	21 14	1 7	25 31	16 57	16 30	16 12	12 43		n.a.
F 4	21 29	20 29	2 49	22 53	0 53	25 15	1 30	23 54	1 20	18 55	0 26	23 15	0 57	23 13	0 34	21 14	1 7	25 31	16 57	16 32	16 13	12 42		n.a.
S 5	21 40	19 40	1 42	22 39	1 8	25 17	1 31	23 49	1 20	18 58	0 26	23 15	0 57	23 13	0 34	21 14	1 7	25 31	16 57	16 33	16 14	12 40		n.a.
S 6	21 49	17 37	0 28	22 24	1 22	25 18	1 32	23 43	1 19	19 1	0 25	23 14	0 57	23 13	0 34	21 14	1 7	25 32	16 58	16 34	16 15	12 39		n.a.
M 7	21 59	14 30	0n47	22 9	1 37	25 18	1 33	23 37	1 19	19 5	0 25	23 13	0 57	23 12	0 34	21 13	1 7	25 32	16 58	16 34	16 16	12 37		n.a.
T 8	22 8	10 32	1 59	21 54	1 52	25 17	1 34	23 31	1 19	19 8	0 25	23 12	0 58	23 12	0 34	21 13	1 7	25 32	16 58	16 34	16 17	12 36		n.a.
W 9	22 16	5 59	3 4	21 39	2 7	25 15	1 35	23 25	1 18	19 11	0 25	23 11	0 58	23 11	0 34	21 13	1 7	25 32	16 59	16 34	16 18	12 34		n.a.
T 10	22 25	1 9	3 58	21 24	2 22	25 13	1 36	23 19	1 18	19 14	0 25	23 10	0 58	23 11	0 34	21 13	1 7	25 33	16 59	16 35	16 19	12 32		n.a.
F 11	22 33	3s42	4 37	21 10	2 37	25 10	1 36	23 13	1 18	19 18	0 25	23 9	0 58	23 11	0 33	21 13	1 7	25 33	17 0	16 36	16 20	12 31		n.a.
S 12	22 40	8 20	4 59	20 55	2 51	25 6	1 37	23 6	1 17	19 21	0 25	23 8	0 58	23 10	0 33	21 12	1 7	25 33	17 0	16 38	16 21	12 29		n.a.
S 13	22 47	12 28	5 4	20 41	3 6	25 2	1 38	23 0	1 17	19 24	0 25	23 7	0 58	23 10	0 33	21 12	1 7	25 34	17 0	16 41	16 22	12 28		n.a.
M14	22 54	15 55	4 52	20 27	3 19	24 56	1 38	22 53	1 16	19 27	0 25	23 6	0 58	23 9	0 33	21 12	1 7	25 34	17 1	16 44	16 23	12 26		n.a.
T 15	23 0	18 28	4 24	20 13	3 33	24 50	1 39	22 46	1 16	19 30	0 25	23 5	0 58	23 9	0 33	21 12	1 7	25 35	17 1	16 46	16 24	12 24		n.a.
W16	23 6	20 2	3 43	20 1	3 45	24 44	1 39	22 39	1 16	19 33	0 25	23 4	0 58	23 8	0 33	21 11	1 7	25 35	17 1	16 49	16 25	12 23		n.a.
T 17	23 12	20 32	2 51	19 49	3 57	24 36	1 40	22 31	1 15	19 36	0 25	23 3	0 58	23 8	0 33	21 11	1 7	25 35	17 2	16 51	16 26	12 21		n.a.
F 18	23 17	20 1	1 53	19 38	4 7	24 28	1 40	22 24	1 15	19 40	0 24	23 2	0 58	23 7	0 33	21 11	1 7	25 36	17 2	16 52	16 27	12 19		n.a.
S 19	23 22	18 34	0 50	19 28	4 16	24 19	1 40	22 16	1 14	19 43	0 24	23 1	0 58	23 7	0 33	21 11	1 7	25 36	17 3	16 53	16 28	12 18		n.a.
S 20	23 26	16 19	0s14	19 19	4 24	24 10	1 40	22 8	1 14	19 46	0 24	23 0	0 58	23 7	0 33	21 11	1 7	25 36	17 3	16 53	16 29	12 16		n.a.
M21	23 30	13 24	1 17	19 11	4 31	23 59	1 40	22 0	1 14	19 49	0 24	22 59	0 58	23 6	0 33	21 10	1 7	25 37	17 3	16 53	16 30	12 15		n.a.
T 22	23 33	9 57	2 17	19 4	4 35	23 48	1 40	21 52	1 13	19 52	0 24	22 58	0 58	23 6	0 33	21 10	1 7	25 37	17 4	16 53	16 31	12 13		n.a.
W23	23 36	6 6	3 11	18 59	4 39	23 37	1 40	21 44	1 13	19 54	0 24	22 57	0 58	23 5	0 33	21 10	1 7	25 38	17 4	16 52	16 31	12 11		n.a.
T 24	23 39	1 59	3 57	18 56	4 40	23 24	1 40	21 35	1 12	19 57	0 24	22 55	0 58	23 5	0 33	21 10	1 7	25 38	17 4	16 53	16 32	12 10		n.a.
F 25	23 41	2n16	4 34	18 54	4 40	23 11	1 40	21 27	1 12	20 0	0 24	22 54	0 58	23 4	0 33	21 10	1 7	25 39	17 5	16 53	16 33	12 8		n.a.
S 26	23 43	6 32	4 58	18 53	4 38	22 57	1 39	21 18	1 12	20 3	0 24	22 53	0 58	23 4	0 33	21 9	1 7	25 39	17 5	16 54	16 34	12 6		n.a.
S 27	23 45	10 37	5 8	18 55	4 34	22 43	1 39	21 9	1 11	20 6	0 24	22 52	0 58	23 3	0 33	21 9	1 7	25 39	17 5	16 56	16 35	12 5		n.a.
M28	23 46	14 19	5 3	18 58	4 29	22 28	1 38	21 0	1 11	20 9	0 24	22 51	0 58	23 3	0 33	21 9	1 7	25 40	17 6	16 58	16 36	12 3		n.a.
T 29	23 46	17 23	4 40	19 2	4 22	22 12	1 38	20 50	1 10	20 11	0 24	22 50	0 58	23 2	0 33	21 9	1 7	25 40	17 6	17 0	16 37	12 1		n.a.
W30	23n46	19n32	4s 1	19n 9	4s14	21n56	1n37	20n41	1n10	20n14	0s24	22n49	0n58	23n 2	0n33	21s 9	1n 7	25s41	17s 6	17n 2	16n38	12s 0		n.a.

Julian Day Number = 1485988.5, Delta T = 05h18m42s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'33, Lahiri = -12°51'32 Julian Calendar 1 June 645 BCE == Greg. Calendar 25 May 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

JULY 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 8 57	1♋ 6'36	6♋31	19°R23	1♌33	4♌30	1♊ 6	22♋40	18♋32	9°R51	4°R47	13°R17	14♌42	3♓18	n.a.	T 1
F 2	18 12 54	2° 4'04	20°57	19♊10	2°46	5° 8	1°19	22°47	18°35	9♐49	4♓46	13♌13	14°39	3°24	n.a.	F 2
S 3	18 16 51	3° 1'33	5♌29	19° 2	3°58	5°46	1°31	22°55	18°39	9°48	4°46	13°12	14°35	3°31	n.a.	S 3
S 4	18 20 47	3°59'03	20° 2	19°D 1	5°10	6°24	1°44	23° 2	18°43	9°47	4°45	13°D11	14°32	3°38	n.a.	S 4
M 5	18 24 44	4°56'34	4♍30	19° 7	6°22	7° 2	1°56	23° 9	18°46	9°45	4°45	13°13	14°29	3°44	n.a.	M 5
T 6	18 28 40	5°54'06	18°51	19°19	7°35	7°40	2° 8	23°16	18°50	9°44	4°44	13°14	14°26	3°51	n.a.	T 6
W 7	18 32 37	6°51'38	3♎ 1	19°38	8°47	8°18	2°21	23°24	18°54	9°42	4°44	13°R15	14°23	3°58	n.a.	W 7
T 8	18 36 33	7°49'12	16°59	20° 4	9°59	8°57	2°33	23°31	18°57	9°41	4°43	13°14	14°19	4° 4	n.a.	T 8
F 9	18 40 30	8°46'47	0♏44	20°37	11°11	9°35	2°45	23°38	19° 1	9°40	4°43	13°13	14°16	4°11	n.a.	F 9
S 10	18 44 26	9°44'23	14°16	21°17	12°23	10°13	2°57	23°46	19° 5	9°38	4°42	13° 9	14°13	4°18	n.a.	S 10
S 11	18 48 23	10°42'00	27°35	22° 4	13°35	10°51	3°10	23°53	19° 9	9°37	4°41	13° 5	14°10	4°24	n.a.	S 11
M12	18 52 20	11°39'38	10♐40	22°57	14°47	11°30	3°22	24° 1	19°12	9°36	4°41	13° 0	14° 7	4°31	n.a.	M12
T 13	18 56 16	12°37'18	23°31	23°57	15°59	12° 8	3°34	24° 8	19°16	9°34	4°40	12°55	14° 4	4°38	n.a.	T 13
W14	19 0 13	13°34'59	6♑ 9	25° 3	17°11	12°46	3°46	24°16	19°20	9°33	4°39	12°51	14° 0	4°44	n.a.	W14
T 15	19 4 9	14°32'41	18°34	26°15	18°23	13°25	3°57	24°23	19°23	9°32	4°39	12°47	13°57	4°51	n.a.	T 15
F 16	19 8 6	15°30'25	0♒47	27°32	19°35	14° 3	4° 9	24°30	19°27	9°30	4°38	12°45	13°54	4°58	n.a.	F 16
S 17	19 12 2	16°28'11	12°49	28°56	20°47	14°42	4°21	24°38	19°31	9°29	4°37	12°D45	13°51	5° 4	n.a.	S 17
S 18	19 15 59	17°25'58	24°44	0♋24	21°58	15°21	4°32	24°45	19°35	9°28	4°37	12°45	13°48	5°11	n.a.	S 18
M19	19 19 55	18°23'47	6♓33	1°57	23°10	15°59	4°44	24°53	19°38	9°27	4°36	12°47	13°45	5°18	n.a.	M19
T 20	19 23 52	19°21'37	18°21	3°35	24°22	16°38	4°55	25° 0	19°42	9°26	4°35	12°48	13°41	5°24	n.a.	T 20
W21	19 27 49	20°19'30	0♈12	5°16	25°34	17°17	5° 7	25° 8	19°46	9°25	4°34	12°50	13°38	5°31	n.a.	W21
T 22	19 31 45	21°17'25	12°10	7° 1	26°45	17°55	5°18	25°15	19°50	9°23	4°34	12°51	13°35	5°38	n.a.	T 22
F 23	19 35 42	22°15'21	24°20	8°49	27°57	18°34	5°29	25°23	19°53	9°22	4°33	12°R51	13°32	5°44	n.a.	F 23
S 24	19 39 38	23°13'19	6♉48	10°39	29° 8	19°13	5°41	25°31	19°57	9°21	4°32	12°51	13°29	5°51	n.a.	S 24
S 25	19 43 35	24°11'20	19°36	12°32	0♍20	19°52	5°52	25°38	20° 1	9°20	4°31	12°49	13°25	5°58	n.a.	S 25
M26	19 47 31	25° 9'22	2♊48	14°26	1°31	20°31	6° 3	25°46	20° 5	9°19	4°30	12°47	13°22	6° 4	n.a.	M26
T 27	19 51 28	26° 7'27	16°27	16°21	2°43	21°10	6°14	25°53	20° 8	9°18	4°29	12°45	13°19	6°11	n.a.	T 27
W28	19 55 24	27° 5'33	0♋30	18°18	3°54	21°49	6°24	26° 1	20°12	9°17	4°28	12°43	13°16	6°18	n.a.	W28
T 29	19 59 21	28° 3'42	14°56	20°15	5° 5	22°28	6°35	26° 8	20°16	9°16	4°28	12°41	13°13	6°24	n.a.	T 29
F 30	20 3 18	29° 1'52	29°40	22°12	6°16	23° 8	6°46	26°16	20°20	9°15	4°27	12°40	13°10	6°31	n.a.	F 30
S 31	20 7 14	0♌ 0'05	14♌34	24♋10	7♍28	23♌47	6♊56	26♋23	20♋23	9♐15	4♓26	12°D40	13♌ 6	6♓38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n46	20n31	3s 6	19n17	4s 4	21n39	1n37	20n31	1n10	20n17	0s23	22n48	0n58	23n 1	0n33	21s 8	1n 7	25s41	17s 7	17n 4	16n39	11s58		n.a.	
F 2	23 45	20 10	1 58	19 27	3 53	21 22	1 36	20 22	1 9	20 20	0 23	22 46	0 58	23 1	0 33	21 8	1 7	25 42	17 7	17 5	16 40	11 56		n.a.	
S 3	23 44	18 29	0 42	19 38	3 41	21 4	1 35	20 12	1 9	20 22	0 23	22 45	0 58	23 0	0 33	21 8	1 6	25 42	17 7	17 5	16 41	11 55		n.a.	
S 4	23 43	15 36	0n37	19 51	3 28	20 45	1 34	20 2	1 8	20 25	0 23	22 44	0 58	23 0	0 33	21 8	1 6	25 43	17 8	17 5	16 42	11 53		n.a.	
M 5	23 41	11 45	1 54	20 5	3 15	20 26	1 33	19 52	1 8	20 27	0 23	22 43	0 58	22 59	0 33	21 8	1 6	25 43	17 8	17 5	16 43	11 51		n.a.	
T 6	23 38	7 15	3 2	20 20	3 0	20 6	1 32	19 41	1 7	20 30	0 23	22 42	0 58	22 59	0 33	21 7	1 6	25 44	17 8	17 5	16 44	11 50		n.a.	
W 7	23 35	2 26	3 59	20 37	2 45	19 46	1 30	19 31	1 7	20 33	0 23	22 40	0 59	22 58	0 33	21 7	1 6	25 44	17 9	17 4	16 45	11 48		n.a.	
T 8	23 32	2s27	4 40	20 54	2 30	19 25	1 29	19 20	1 7	20 35	0 23	22 39	0 59	22 58	0 33	21 7	1 6	25 45	17 9	17 5	16 46	11 46		n.a.	
F 9	23 29	7 8	5 5	21 12	2 14	19 4	1 28	19 10	1 6	20 38	0 23	22 38	0 59	22 57	0 33	21 7	1 6	25 45	17 9	17 5	16 47	11 45		n.a.	
S 10	23 24	11 22	5 12	21 31	1 58	18 42	1 26	18 59	1 6	20 40	0 23	22 37	0 59	22 57	0 33	21 7	1 6	25 46	17 10	17 6	16 47	11 43		n.a.	
S 11	23 20	14 59	5 2	21 49	1 42	18 20	1 25	18 48	1 5	20 42	0 23	22 35	0 59	22 56	0 33	21 6	1 6	25 46	17 10	17 7	16 48	11 41		n.a.	
M12	23 15	17 47	4 37	22 8	1 27	17 57	1 23	18 37	1 5	20 45	0 23	22 34	0 59	22 55	0 33	21 6	1 6	25 47	17 10	17 9	16 49	11 39		n.a.	
T 13	23 10	19 39	3 58	22 27	1 11	17 34	1 22	18 25	1 4	20 47	0 23	22 33	0 59	22 55	0 33	21 6	1 6	25 47	17 11	17 10	16 50	11 38		n.a.	
W14	23 4	20 30	3 7	22 45	0 56	17 10	1 20	18 14	1 4	20 50	0 23	22 32	0 59	22 54	0 33	21 6	1 6	25 48	17 11	17 11	16 51	11 36		n.a.	
T 15	22 58	20 20	2 9	23 2	0 41	16 46	1 18	18 2	1 4	20 52	0 22	22 30	0 59	22 54	0 33	21 6	1 6	25 48	17 11	17 12	16 52	11 34		n.a.	
F 16	22 51	19 12	1 5	23 19	0 26	16 21	1 16	17 51	1 3	20 54	0 22	22 29	0 59	22 53	0 33	21 6	1 6	25 49	17 12	17 13	16 53	11 33		n.a.	
S 17	22 44	17 12	0s 0	23 34	0 12	15 56	1 14	17 39	1 3	20 56	0 22	22 28	0 59	22 53	0 33	21 6	1 6	25 49	17 12	17 13	16 54	11 31		n.a.	
S 18	22 37	14 29	1 6	23 48	0n 2	15 31	1 12	17 27	1 2	20 59	0 22	22 26	0 59	22 52	0 33	21 5	1 6	25 50	17 12	17 13	16 55	11 29		n.a.	
M19	22 29	11 12	2 7	24 0	0 14	15 5	1 10	17 15	1 2	21 1	0 22	22 25	0 59	22 52	0 33	21 5	1 6	25 51	17 12	17 13	16 56	11 27		n.a.	
T 20	22 21	7 29	3 4	24 10	0 27	14 39	1 8	17 3	1 1	21 3	0 22	22 24	0 59	22 51	0 33	21 5	1 6	25 51	17 13	17 12	16 57	11 26		n.a.	
W21	22 13	3 28	3 53	24 18	0 38	14 12	1 5	16 50	1 1	21 5	0 22	22 23	0 59	22 51	0 33	21 5	1 6	25 52	17 13	17 12	16 58	11 24		n.a.	
T 22	22 4	0n42	4 32	24 23	0 48	13 45	1 3	16 38	1 0	21 7	0 22	22 21	0 59	22 50	0 33	21 5	1 6	25 52	17 13	17 11	16 59	11 22		n.a.	
F 23	21 54	4 55	5 0	24 26	0 58	13 18	1 0	16 25	1 0	21 9	0 22	22 20	1 0	22 50	0 33	21 5	1 6	25 53	17 14	17 11	17 0	11 21		n.a.	
S 24	21 44	9 2	5 14	24 27	1 7	12 50	0 58	16 12	1 0	21 11	0 22	22 19	1 0	22 49	0 33	21 5	1 6	25 53	17 14	17 11	17 0	11 19		n.a.	
S 25	21 34	12 50	5 14	24 25	1 15	12 22	0 55	16 0	0 59	21 13	0 22	22 17	1 0	22 48	0 33	21 4	1 6	25 54	17 14	17 12	17 1	11 17		n.a.	
M26	21 24	16 9	4 57	24 20	1 22	11 54	0 53	15 47	0 59	21 15	0 22	22 16	1 0	22 48	0 33	21 4	1 6	25 54	17 14	17 12	17 2	11 15		n.a.	
T 27	21 13	18 42	4 23	24 12	1 28	11 26	0 50	15 33	0 58	21 17	0 22	22 14	1 0	22 47	0 33	21 4	1 6	25 55	17 15	17 13	17 3	11 14		n.a.	
W28	21 2	20 13	3 33	24 2	1 33	10 57	0 47	15 20	0 58	21 19	0 22	22 13	1 0	22 47	0 33	21 4	1 6	25 56	17 15	17 14	17 4	11 12		n.a.	
T 29	20 50	20 28	2 28	23 50	1 38	10 28	0 44	15 7	0 57	21 21	0 22	22 12	1 0	22 46	0 33	21 4	1 6	25 56	17 15	17 14	17 5	11 10		n.a.	
F 30	20 38	19 20	1 11	23 34	1 41	9 58	0 41	14 53	0 57	21 23	0 21	22 10	1 0	22 46	0 34	21 4	1 6	25 57	17 15	17 14	17 6	11 8		n.a.	
S 31	20n26	16n51	0n11	23n17	1n44	9n29	0n38	14n40	0n56	21n25	0s21	22n 9	1n 0	22n45	0n34	21s 4	1n 6	25s57	17s15	17n14	17n 7	11s 7		n.a.	

Julian Day Number = 1486018.5, Delta T = 05h18m41s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'29, Lahiri = -12°51'28 Julian Calendar 1 July 645 BCE == Greg. Calendar 24 June 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

AUGUST 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 11 11	0♌58'19	29♌31	26♋ 7	8♍39	24♌26	7♊ 7	26♋31	20♋27	9°R14	4°R25	12♌40	13♌ 3	6♓44	n.a.	S 1
M 2	20 15 7	1°56'34	14♍23	28° 4	9°50	25° 6	7°17	26°38	20°31	9♐13	4♓24	12°41	13° 0	6°51	n.a.	M 2
T 3	20 19 4	2°54'52	29° 2	0♌ 0	11° 1	25°45	7°28	26°46	20°34	9°12	4°23	12°42	12°57	6°57	n.a.	T 3
W 4	20 23 0	3°53'10	13♎25	1°56	12°12	26°24	7°38	26°53	20°38	9°11	4°22	12°43	12°54	7° 4	n.a.	W 4
T 5	20 26 57	4°51'31	27°28	3°51	13°23	27° 4	7°48	27° 1	20°42	9°11	4°21	12°43	12°50	7°11	n.a.	T 5
F 6	20 30 53	5°49'53	11♏11	5°45	14°34	27°43	7°58	27° 8	20°45	9°10	4°20	12°R43	12°47	7°17	n.a.	F 6
S 7	20 34 50	6°48'17	24°34	7°38	15°45	28°23	8° 8	27°16	20°49	9° 9	4°19	12°43	12°44	7°24	n.a.	S 7
S 8	20 38 46	7°46'43	7♐38	9°31	16°55	29° 3	8°17	27°23	20°53	9° 9	4°18	12°42	12°41	7°31	n.a.	S 8
M 9	20 42 43	8°45'10	20°25	11°22	18° 6	29°42	8°27	27°31	20°56	9° 8	4°17	12°42	12°38	7°37	n.a.	M 9
T 10	20 46 40	9°43'40	2♑58	13°12	19°17	0♍22	8°37	27°38	21° 0	9° 7	4°16	12°41	12°35	7°44	n.a.	T 10
W11	20 50 36	10°42'11	15°18	15° 1	20°27	1° 2	8°46	27°46	21° 4	9° 7	4°15	12°41	12°31	7°51	n.a.	W11
T 12	20 54 33	11°40'44	27°28	16°49	21°38	1°42	8°55	27°53	21° 7	9° 6	4°14	12°41	12°28	7°57	n.a.	T 12
F 13	20 58 29	12°39'19	9♒29	18°36	22°48	2°21	9° 5	28° 0	21°11	9° 6	4°12	12°41	12°25	8° 4	n.a.	F 13
S 14	21 2 26	13°37'56	21°24	20°22	23°59	3° 1	9°14	28° 8	21°14	9° 5	4°11	12°41	12°22	8°11	n.a.	S 14
S 15	21 6 22	14°36'35	3♓14	22° 7	25° 9	3°41	9°23	28°15	21°18	9° 5	4°10	12°41	12°19	8°17	n.a.	S 15
M16	21 10 19	15°35'16	15° 3	23°51	26°19	4°21	9°31	28°22	21°21	9° 4	4° 9	12°41	12°16	8°24	n.a.	M16
T 17	21 14 15	16°34'00	26°51	25°34	27°29	5° 1	9°40	28°30	21°25	9° 4	4° 8	12°40	12°12	8°31	n.a.	T 17
W18	21 18 12	17°32'45	8♈44	27°15	28°39	5°41	9°49	28°37	21°28	9° 4	4° 7	12°40	12° 9	8°37	n.a.	W18
T 19	21 22 9	18°31'33	20°43	28°56	29°49	6°22	9°57	28°44	21°32	9° 3	4° 6	12°39	12° 6	8°44	n.a.	T 19
F 20	21 26 5	19°30'24	2♉53	0♍36	0♎59	7° 2	10° 6	28°52	21°35	9° 3	4° 5	12°38	12° 3	8°51	n.a.	F 20
S 21	21 30 2	20°29'16	15°17	2°15	2° 9	7°42	10°14	28°59	21°38	9° 3	4° 4	12°D38	12° 0	8°57	n.a.	S 21
S 22	21 33 58	21°28'11	28° 1	3°53	3°19	8°22	10°22	29° 6	21°42	9° 2	4° 2	12°38	11°56	9° 4	n.a.	S 22
M23	21 37 55	22°27'09	11♊ 7	5°30	4°29	9° 3	10°30	29°13	21°45	9° 2	4° 1	12°38	11°53	9°11	n.a.	M23
T 24	21 41 51	23°26'09	24°38	7° 6	5°38	9°43	10°38	29°20	21°49	9° 2	4° 0	12°39	11°50	9°17	n.a.	T 24
W25	21 45 48	24°25'12	8♋37	8°41	6°48	10°24	10°45	29°27	21°52	9° 2	3°59	12°40	11°47	9°24	n.a.	W25
T 26	21 49 44	25°24'17	23° 1	10°16	7°57	11° 4	10°53	29°34	21°55	9° 2	3°58	12°41	11°44	9°31	n.a.	T 26
F 27	21 53 41	26°23'24	7♌49	11°49	9° 7	11°45	11° 0	29°41	21°58	9° 2	3°57	12°R42	11°41	9°37	n.a.	F 27
S 28	21 57 38	27°22'34	22°52	13°22	10°16	12°25	11° 8	29°48	22° 2	9°D 2	3°55	12°41	11°37	9°44	n.a.	S 28
S 29	22 1 34	28°21'45	8♍ 4	14°53	11°25	13° 6	11°15	29°55	22° 5	9° 2	3°54	12°41	11°34	9°51	n.a.	S 29
M30	22 5 31	29°20'59	23°15	16°24	12°34	13°47	11°22	0♌ 2	22° 8	9° 2	3°53	12°39	11°31	9°57	n.a.	M30
T 31	22 9 27	0♍20'15	8♎14	17♍54	13♎43	14♍28	11♊29	0♌ 9	22♋11	9♐ 2	3♓52	12♌37	11♌28	10♓ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20n13	13n14	1n32	22n57	1n46	8n59	0n35	14n26	0n56	21n27	0s21	22n 8	1n 0	22n45	0n34	21s 4	1n 6	25s58	17s16	17n14	17n 8	11s 5			n.a.
M 2	20 0	8 48	2 47	22 35	1 47	8 29	0 32	14 12	0 55	21 29	0 21	22 6	1 0	22 44	0 34	21 4	1 5	25 58	17 16	17 14	17 9	11 3			n.a.
T 3	19 47	3 54	3 50	22 11	1 48	7 59	0 29	13 58	0 55	21 30	0 21	22 5	1 0	22 43	0 34	21 4	1 5	25 59	17 16	17 14	17 10	11 1			n.a.
W 4	19 33	1s 7	4 37	21 45	1 48	7 28	0 26	13 44	0 54	21 32	0 21	22 4	1 1	22 43	0 34	21 3	1 5	25 59	17 16	17 14	17 11	11 0			n.a.
T 5	19 19	5 57	5 6	21 18	1 47	6 58	0 22	13 30	0 54	21 34	0 21	22 2	1 1	22 42	0 34	21 3	1 5	26 0	17 16	17 14	17 11	10 58			n.a.
F 6	19 4	10 22	5 17	20 48	1 46	6 27	0 19	13 16	0 54	21 36	0 21	22 1	1 1	22 42	0 34	21 3	1 5	26 1	17 17	17 14	17 12	10 56			n.a.
S 7	18 50	14 9	5 11	20 18	1 44	5 56	0 16	13 2	0 53	21 37	0 21	21 59	1 1	22 41	0 34	21 3	1 5	26 1	17 17	17 14	17 13	10 54			n.a.
S 8	18 35	17 9	4 48	19 45	1 42	5 25	0 12	12 47	0 53	21 39	0 21	21 58	1 1	22 41	0 34	21 3	1 5	26 2	17 17	17 14	17 14	10 52			n.a.
M 9	18 19	19 14	4 11	19 12	1 39	4 54	0 9	12 33	0 52	21 41	0 21	21 57	1 1	22 40	0 34	21 3	1 5	26 2	17 17	17 14	17 15	10 51			n.a.
T 10	18 4	20 21	3 23	18 37	1 36	4 23	0 5	12 18	0 52	21 42	0 21	21 55	1 1	22 40	0 34	21 3	1 5	26 3	17 17	17 14	17 16	10 49			n.a.
W11	17 48	20 27	2 26	18 2	1 33	3 51	0 2	12 3	0 51	21 44	0 21	21 54	1 1	22 39	0 34	21 3	1 5	26 3	17 18	17 14	17 17	10 47			n.a.
T 12	17 31	19 35	1 24	17 25	1 29	3 20	0s 2	11 48	0 51	21 45	0 21	21 52	1 1	22 38	0 34	21 3	1 5	26 4	17 18	17 14	17 18	10 45			n.a.
F 13	17 15	17 50	0 18	16 48	1 24	2 48	0 6	11 33	0 50	21 47	0 21	21 51	1 1	22 38	0 34	21 3	1 5	26 5	17 18	17 14	17 19	10 43			n.a.
S 14	16 58	15 20	0s48	16 10	1 20	2 17	0 10	11 18	0 50	21 48	0 21	21 50	1 1	22 37	0 34	21 3	1 5	26 5	17 18	17 14	17 20	10 42			n.a.
S 15	16 41	12 11	1 52	15 31	1 15	1 45	0 13	11 3	0 49	21 50	0 20	21 48	1 2	22 37	0 34	21 3	1 5	26 6	17 18	17 14	17 21	10 40			n.a.
M16	16 23	8 35	2 50	14 51	1 10	1 13	0 17	10 48	0 49	21 51	0 20	21 47	1 2	22 36	0 34	21 3	1 5	26 6	17 18	17 14	17 21	10 38			n.a.
T 17	16 5	4 39	3 42	14 11	1 4	0 41	0 21	10 33	0 48	21 52	0 20	21 45	1 2	22 36	0 34	21 3	1 5	26 7	17 18	17 14	17 22	10 36			n.a.
W18	15 47	0 31	4 24	13 31	0 59	0 10	0 25	10 17	0 48	21 54	0 20	21 44	1 2	22 35	0 34	21 3	1 5	26 7	17 18	17 15	17 23	10 34			n.a.
T 19	15 29	3n39	4 55	12 50	0 53	0s22	0 29	10 2	0 47	21 55	0 20	21 43	1 2	22 35	0 34	21 3	1 5	26 8	17 19	17 15	17 24	10 33			n.a.
F 20	15 10	7 45	5 13	12 8	0 47	0 54	0 33	9 46	0 47	21 56	0 20	21 41	1 2	22 34	0 34	21 3	1 5	26 8	17 19	17 15	17 25	10 31			n.a.
S 21	14 52	11 35	5 17	11 27	0 40	1 26	0 37	9 31	0 46	21 58	0 20	21 40	1 2	22 34	0 34	21 3	1 5	26 9	17 19	17 15	17 26	10 29			n.a.
S 22	14 33	15 1	5 6	10 45	0 34	1 58	0 41	9 15	0 46	21 59	0 20	21 38	1 2	22 33	0 34	21 3	1 5	26 9	17 19	17 15	17 27	10 27			n.a.
M23	14 13	17 49	4 39	10 3	0 27	2 29	0 45	8 59	0 45	22 0	0 20	21 37	1 2	22 33	0 34	21 3	1 5	26 10	17 19	17 15	17 28	10 25			n.a.
T 24	13 54	19 44	3 56	9 21	0 21	3 1	0 49	8 43	0 45	22 1	0 20	21 36	1 3	22 32	0 34	21 3	1 4	26 10	17 19	17 15	17 29	10 24			n.a.
W25	13 34	20 32	2 58	8 38	0 14	3 33	0 53	8 27	0 44	22 2	0 20	21 34	1 3	22 32	0 34	21 3	1 4	26 11	17 19	17 14	17 30	10 22			n.a.
T 26	13 14	20 1	1 47	7 56	0 7	4 4	0 57	8 11	0 44	22 4	0 20	21 33	1 3	22 31	0 34	21 3	1 4	26 11	17 19	17 14	17 30	10 20			n.a.
F 27	12 54	18 8	0 27	7 13	0s 0	4 36	1 1	7 55	0 43	22 5	0 20	21 31	1 3	22 31	0 34	21 3	1 4	26 12	17 19	17 14	17 31	10 18			n.a.
S 28	12 33	14 58	0n56	6 31	0 7	5 7	1 5	7 39	0 42	22 6	0 20	21 30	1 3	22 30	0 34	21 3	1 4	26 12	17 19	17 14	17 32	10 16			n.a.
S 29	12 12	10 45	2 16	5 49	0 14	5 38	1 10	7 22	0 42	22 7	0 20	21 29	1 3	22 30	0 34	21 3	1 4	26 13	17 19	17 14	17 33	10 14			n.a.
M30	11 51	5 52	3 26	5 6	0 22	6 10	1 14	7 6	0 41	22 8	0 20	21 27	1 3	22 29	0 34	21 3	1 4	26 13	17 19	17 15	17 34	10 13			n.a.
T 31	11n30	0n41	4n21	4n24	0s29	6s41	1s18	6n50	0n41	22n 9	0s19	21n26	1n 3	22n29	0n34	21s 3	1n 4	26s14	17s19	17n15	17n35	10s11			n.a.

Julian Day Number = 1486049.5, Delta T = 05h18m39s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'25, Lahiri = -12°51'24 Julian Calendar 1 Aug. 645 BCE == Greg. Calendar 25 July 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

SEPTEMBER 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 13 24	1♍19'32	22♎54	19♍23	14♎52	15♍ 9	11♊35	0♌16	22♋14	9♐ 2	3°R51	12°R34	11♌25	10♓11	n.a.	W 1
T 2	22 17 20	2°18'52	7♏10	20°51	16° 1	15°49	11°42	0°23	22°17	9° 2	3♓50	12♌32	11°22	10°17	n.a.	T 2
F 3	22 21 17	3°18'13	21° 0	22°19	17° 9	16°30	11°48	0°30	22°21	9° 2	3°48	12°31	11°18	10°24	n.a.	F 3
S 4	22 25 13	4°17'37	4♐23	23°45	18°18	17°11	11°54	0°36	22°24	9° 3	3°47	12°D30	11°15	10°31	n.a.	S 4
S 5	22 29 10	5°17'02	17°22	25°11	19°26	17°52	12° 1	0°43	22°27	9° 3	3°46	12°31	11°12	10°37	n.a.	S 5
M 6	22 33 6	6°16'29	0♑ 1	26°35	20°35	18°34	12° 6	0°50	22°30	9° 3	3°45	12°32	11° 9	10°44	n.a.	M 6
T 7	22 37 3	7°15'58	12°22	27°59	21°43	19°15	12°12	0°56	22°32	9° 3	3°44	12°34	11° 6	10°51	n.a.	T 7
W 8	22 41 0	8°15'29	24°30	29°22	22°51	19°56	12°18	1° 3	22°35	9° 4	3°42	12°35	11° 2	10°57	n.a.	W 8
T 9	22 44 56	9°15'02	6♒29	0♎43	23°59	20°37	12°23	1° 9	22°38	9° 4	3°41	12°37	10°59	11° 4	n.a.	T 9
F 10	22 48 53	10°14'37	18°22	2° 4	25° 7	21°18	12°29	1°16	22°41	9° 5	3°40	12°R37	10°56	11°11	n.a.	F 10
S 11	22 52 49	11°14'14	0♓11	3°24	26°14	22° 0	12°34	1°22	22°44	9° 5	3°39	12°35	10°53	11°17	n.a.	S 11
S 12	22 56 46	12°13'53	12° 0	4°42	27°22	22°41	12°39	1°28	22°47	9° 5	3°38	12°32	10°50	11°24	n.a.	S 12
M13	23 0 42	13°13'34	23°50	5°59	28°29	23°23	12°43	1°35	22°49	9° 6	3°37	12°28	10°47	11°31	n.a.	M13
T 14	23 4 39	14°13'17	5♈43	7°14	29°37	24° 4	12°48	1°41	22°52	9° 6	3°35	12°22	10°43	11°37	n.a.	T 14
W15	23 8 35	15°13'03	17°41	8°29	0♏44	24°46	12°52	1°47	22°55	9° 7	3°34	12°16	10°40	11°44	n.a.	W15
T 16	23 12 32	16°12'51	29°45	9°41	1°50	25°27	12°57	1°53	22°57	9° 8	3°33	12°10	10°37	11°51	n.a.	T 16
F 17	23 16 28	17°12'41	11♉59	10°52	2°57	26° 9	13° 1	1°59	23° 0	9° 8	3°32	12° 5	10°34	11°57	n.a.	F 17
S 18	23 20 25	18°12'33	24°26	12° 1	4° 4	26°51	13° 5	2° 5	23° 2	9° 9	3°31	12° 1	10°31	12° 4	n.a.	S 18
S 19	23 24 22	19°12'28	7♊ 7	13° 8	5°10	27°32	13° 8	2°11	23° 5	9°10	3°30	11°59	10°27	12°11	n.a.	S 19
M20	23 28 18	20°12'25	20° 7	14°13	6°16	28°14	13°12	2°17	23° 7	9°10	3°29	11°D58	10°24	12°17	n.a.	M20
T 21	23 32 15	21°12'24	3♋29	15°15	7°23	28°56	13°15	2°23	23°10	9°11	3°27	11°58	10°21	12°24	n.a.	T 21
W22	23 36 11	22°12'26	17°15	16°14	8°28	29°38	13°18	2°29	23°12	9°12	3°26	12° 0	10°18	12°31	n.a.	W22
T 23	23 40 8	23°12'30	1♌26	17°11	9°34	0♎20	13°21	2°34	23°14	9°13	3°25	12° 1	10°15	12°37	n.a.	T 23
F 24	23 44 4	24°12'36	16° 2	18° 4	10°40	1° 2	13°24	2°40	23°17	9°14	3°24	12°R 1	10°12	12°44	n.a.	F 24
S 25	23 48 1	25°12'45	0♍58	18°53	11°45	1°44	13°27	2°45	23°19	9°15	3°23	12° 0	10° 8	12°51	n.a.	S 25
S 26	23 51 57	26°12'55	16° 8	19°38	12°50	2°26	13°29	2°51	23°21	9°15	3°22	11°56	10° 5	12°57	n.a.	S 26
M27	23 55 54	27°13'07	1♎23	20°19	13°55	3° 9	13°31	2°56	23°23	9°16	3°21	11°51	10° 2	13° 4	n.a.	M27
T 28	23 59 51	28°13'22	16°32	20°54	15° 0	3°51	13°33	3° 2	23°25	9°17	3°20	11°44	9°59	13°11	n.a.	T 28
W29	0 3 47	29°13'38	1♏24	21°24	16° 4	4°33	13°35	3° 7	23°27	9°18	3°19	11°36	9°56	13°17	n.a.	W29
T 30	0 7 44	0♎13'56	15♏53	21♎47	17♏ 8	5♎15	13♊37	3♌12	23♋29	9♐20	3♓18	11♌29	9♌53	13♓24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n 9	4s26	4n58	3n42	0s36	7s12	1s22	6n33	0n40	22n10	0s19	21n25	1n 4	22n28	0n34	21s 3	1n 4	26s14	17s19	17n16	17n36	10s 9		n.a.
T 2	10 48	9 9	5 14	3 0	0 44	7 42	1 26	6 17	0 40	22 11	0 19	21 23	1 4	22 28	0 34	21 3	1 4	26 15	17 19	17 17	17 37	10 7		n.a.
F 3	10 26	13 14	5 12	2 19	0 51	8 13	1 30	6 0	0 39	22 12	0 19	21 22	1 4	22 27	0 34	21 3	1 4	26 15	17 19	17 17	17 38	10 5		n.a.
S 4	10 4	16 31	4 53	1 38	0 58	8 43	1 34	5 43	0 39	22 13	0 19	21 20	1 4	22 27	0 34	21 4	1 4	26 16	17 19	17 17	17 38	10 3		n.a.
S 5	9 42	18 51	4 19	0 57	1 5	9 14	1 39	5 27	0 38	22 14	0 19	21 19	1 4	22 26	0 34	21 4	1 4	26 16	17 19	17 17	17 39	10 1		n.a.
M 6	9 20	20 13	3 34	0 16	1 13	9 44	1 43	5 10	0 38	22 14	0 19	21 18	1 4	22 26	0 34	21 4	1 4	26 17	17 19	17 17	17 40	10 0		n.a.
T 7	8 58	20 33	2 39	0s24	1 20	10 14	1 47	4 53	0 37	22 15	0 19	21 16	1 4	22 25	0 34	21 4	1 4	26 17	17 19	17 16	17 41	9 58		n.a.
W 8	8 35	19 55	1 38	1 4	1 27	10 43	1 51	4 36	0 37	22 16	0 19	21 15	1 5	22 25	0 34	21 4	1 4	26 18	17 19	17 16	17 42	9 56		n.a.
T 9	8 13	18 22	0 34	1 43	1 34	11 13	1 55	4 19	0 36	22 17	0 19	21 14	1 5	22 24	0 34	21 4	1 4	26 18	17 19	17 15	17 43	9 54		n.a.
F 10	7 50	16 2	0s32	2 22	1 41	11 42	1 59	4 2	0 36	22 18	0 19	21 13	1 5	22 24	0 34	21 4	1 4	26 18	17 19	17 15	17 44	9 52		n.a.
S 11	7 27	13 2	1 35	3 0	1 48	12 11	2 3	3 45	0 35	22 18	0 19	21 11	1 5	22 23	0 34	21 4	1 4	26 19	17 19	17 16	17 45	9 50		n.a.
S 12	7 4	9 32	2 34	3 38	1 54	12 39	2 7	3 28	0 34	22 19	0 19	21 10	1 5	22 23	0 34	21 4	1 4	26 19	17 19	17 17	17 45	9 48		n.a.
M13	6 41	5 38	3 27	4 15	2 1	13 7	2 11	3 11	0 34	22 20	0 19	21 9	1 5	22 23	0 34	21 4	1 4	26 20	17 19	17 18	17 46	9 46		n.a.
T 14	6 18	1 31	4 11	4 51	2 7	13 36	2 15	2 54	0 33	22 20	0 19	21 7	1 5	22 22	0 35	21 5	1 4	26 20	17 19	17 19	17 47	9 45		n.a.
W15	5 54	2n40	4 44	5 26	2 13	14 3	2 19	2 37	0 33	22 21	0 18	21 6	1 6	22 22	0 35	21 5	1 3	26 20	17 19	17 21	17 48	9 43		n.a.
T 16	5 31	6 48	5 4	6 1	2 19	14 31	2 23	2 19	0 32	22 22	0 18	21 5	1 6	22 21	0 35	21 5	1 3	26 21	17 19	17 23	17 49	9 41		n.a.
F 17	5 7	10 42	5 11	6 34	2 25	14 58	2 27	2 2	0 32	22 22	0 18	21 4	1 6	22 21	0 35	21 5	1 3	26 21	17 19	17 24	17 50	9 39		n.a.
S 18	4 43	14 13	5 4	7 7	2 30	15 24	2 31	1 45	0 31	22 23	0 18	21 2	1 6	22 21	0 35	21 5	1 3	26 21	17 19	17 26	17 51	9 37		n.a.
S 19	4 20	17 10	4 42	7 38	2 35	15 51	2 35	1 27	0 30	22 23	0 18	21 1	1 6	22 20	0 35	21 5	1 3	26 22	17 19	17 26	17 52	9 35		n.a.
M20	3 56	19 19	4 5	8 8	2 40	16 17	2 38	1 10	0 30	22 24	0 18	21 0	1 6	22 20	0 35	21 5	1 3	26 22	17 19	17 26	17 53	9 33		n.a.
T 21	3 32	20 29	3 14	8 36	2 44	16 42	2 42	0 53	0 29	22 24	0 18	20 59	1 7	22 19	0 35	21 6	1 3	26 22	17 19	17 26	17 53	9 31		n.a.
W22	3 8	20 29	2 11	9 3	2 48	17 8	2 45	0 35	0 29	22 25	0 18	20 58	1 7	22 19	0 35	21 6	1 3	26 23	17 18	17 26	17 54	9 29		n.a.
T 23	2 44	19 11	0 57	9 28	2 52	17 33	2 49	0 18	0 28	22 25	0 18	20 57	1 7	22 19	0 35	21 6	1 3	26 23	17 18	17 26	17 55	9 28		n.a.
F 24	2 20	16 36	0n22	9 52	2 55	17 57	2 52	0 0	0 28	22 26	0 18	20 55	1 7	22 18	0 35	21 6	1 3	26 23	17 18	17 25	17 56	9 26		n.a.
S 25	1 56	12 51	1 41	10 13	2 57	18 21	2 56	0s17	0 27	22 26	0 18	20 54	1 7	22 18	0 35	21 6	1 3	26 24	17 18	17 26	17 57	9 24		n.a.
S 26	1 31	8 12	2 54	10 32	2 59	18 45	2 59	0 35	0 26	22 27	0 18	20 53	1 7	22 18	0 35	21 7	1 3	26 24	17 18	17 27	17 58	9 22		n.a.
M27	1 7	3 2	3 55	10 48	2 59	19 8	3 3	0 52	0 26	22 27	0 18	20 52	1 8	22 17	0 35	21 7	1 3	26 24	17 18	17 28	17 59	9 20		n.a.
T 28	0 43	2s18	4 39	11 2	2 59	19 31	3 6	1 10	0 25	22 27	0 18	20 51	1 8	22 17	0 35	21 7	1 3	26 25	17 18	17 30	17 59	9 18		n.a.
W29	0 19	7 23	5 3	11 12	2 59	19 53	3 9	1 27	0 25	22 28	0 17	20 50	1 8	22 17	0 35	21 7	1 3	26 25	17 17	17 33	18 0	9 16		n.a.
T 30	0s 6	11s55	5n 7	11s20	2s57	20s15	3s12	1s45	0n24	22n28	0s17	20n49	1n 8	22n16	0n35	21s 7	1n 3	26s25	17s17	17n35	18n 1	9s14		n.a.

Julian Day Number = 1486080.5, Delta T = 05h18m38s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'20, Lahiri = -12°51'20 Julian Calendar 1 Sept. 645 BCE == Greg. Calendar 25 Aug. 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

OCTOBER 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 11 40	1♎14'15	29♏53	22♎ 3	18♏12	5♎58	13♊38	3♌17	23♋31	9♐21	3°R17	11°R23	9♌49	13♓31	n.a.	F 1
S 2	0 15 37	2°14'37	13♐24	22°12	19°16	6°40	13°39	3°22	23°33	9°22	3♓16	11♌19	9°46	13°37	n.a.	S 2
S 3	0 19 33	3°15'00	26°26	22°R12	20°19	7°23	13°40	3°27	23°35	9°23	3°15	11°17	9°43	13°44	n.a.	S 3
M 4	0 23 30	4°15'24	9♑ 4	22° 4	21°22	8° 5	13°41	3°32	23°37	9°24	3°14	11°D17	9°40	13°51	n.a.	M 4
T 5	0 27 26	5°15'50	21°22	21°46	22°25	8°48	13°42	3°37	23°39	9°25	3°13	11°18	9°37	13°57	n.a.	T 5
W 6	0 31 23	6°16'17	3♒25	21°18	23°28	9°31	13°42	3°42	23°40	9°27	3°12	11°19	9°33	14° 4	n.a.	W 6
T 7	0 35 19	7°16'46	15°19	20°41	24°30	10°13	13°43	3°47	23°42	9°28	3°11	11°R19	9°30	14°11	n.a.	T 7
F 8	0 39 16	8°17'16	27° 8	19°53	25°32	10°56	13°R43	3°51	23°44	9°29	3°10	11°18	9°27	14°17	n.a.	F 8
S 9	0 43 13	9°17'48	8♓55	18°56	26°33	11°39	13°42	3°56	23°45	9°30	3° 9	11°14	9°24	14°24	n.a.	S 9
S 10	0 47 9	10°18'22	20°45	17°50	27°34	12°22	13°42	4° 0	23°47	9°32	3° 8	11° 7	9°21	14°31	n.a.	S 10
M11	0 51 6	11°18'57	2♈39	16°38	28°35	13° 5	13°42	4° 4	23°48	9°33	3° 7	10°58	9°18	14°37	n.a.	M11
T 12	0 55 2	12°19'33	14°40	15°20	29°36	13°48	13°41	4° 9	23°49	9°35	3° 6	10°47	9°14	14°44	n.a.	T 12
W13	0 58 59	13°20'11	26°48	14° 0	0♐36	14°31	13°40	4°13	23°51	9°36	3° 5	10°35	9°11	14°51	n.a.	W13
T 14	1 2 55	14°20'51	9♉ 4	12°39	1°35	15°14	13°39	4°17	23°52	9°37	3° 5	10°23	9° 8	14°57	n.a.	T 14
F 15	1 6 52	15°21'32	21°30	11°20	2°34	15°57	13°37	4°21	23°53	9°39	3° 4	10°12	9° 5	15° 4	n.a.	F 15
S 16	1 10 48	16°22'16	4♊ 6	10° 7	3°33	16°40	13°36	4°25	23°55	9°40	3° 3	10° 2	9° 2	15°11	n.a.	S 16
S 17	1 14 45	17°23'01	16°55	9° 1	4°31	17°23	13°34	4°29	23°56	9°42	3° 2	9°56	8°59	15°17	n.a.	S 17
M18	1 18 42	18°23'47	29°57	8° 4	5°29	18° 7	13°32	4°32	23°57	9°44	3° 1	9°52	8°55	15°24	n.a.	M18
T 19	1 22 38	19°24'36	13♋15	7°18	6°27	18°50	13°30	4°36	23°58	9°45	3° 1	9°50	8°52	15°31	n.a.	T 19
W20	1 26 35	20°25'26	26°51	6°43	7°24	19°33	13°28	4°39	23°59	9°47	3° 0	9°D50	8°49	15°37	n.a.	W20
T 21	1 30 31	21°26'18	10♌47	6°20	8°20	20°17	13°25	4°43	24° 0	9°48	2°59	9°R50	8°46	15°44	n.a.	T 21
F 22	1 34 28	22°27'11	25° 5	6° 8	9°16	21° 0	13°22	4°46	24° 1	9°50	2°58	9°50	8°43	15°51	n.a.	F 22
S 23	1 38 24	23°28'06	9♍41	6°D 7	10°11	21°44	13°19	4°50	24° 1	9°52	2°58	9°47	8°39	15°57	n.a.	S 23
S 24	1 42 21	24°29'02	24°33	6°18	11° 6	22°27	13°16	4°53	24° 2	9°53	2°57	9°41	8°36	16° 4	n.a.	S 24
M25	1 46 17	25°30'00	9♎33	6°37	12° 0	23°11	13°13	4°56	24° 3	9°55	2°56	9°32	8°33	16°11	n.a.	M25
T 26	1 50 14	26°30'59	24°33	7° 6	12°53	23°55	13°10	4°59	24° 3	9°57	2°56	9°21	8°30	16°17	n.a.	T 26
W27	1 54 11	27°31'59	9♏22	7°43	13°46	24°38	13° 6	5° 2	24° 4	9°59	2°55	9° 9	8°27	16°24	n.a.	W27
T 28	1 58 7	28°33'01	23°52	8°27	14°38	25°22	13° 2	5° 4	24° 5	10° 0	2°54	8°58	8°24	16°31	n.a.	T 28
F 29	2 2 4	29°34'03	7♐57	9°17	15°29	26° 6	12°58	5° 7	24° 5	10° 2	2°54	8°48	8°20	16°37	n.a.	F 29
S 30	2 6 0	0♏35'06	21°34	10°12	16°20	26°50	12°54	5°10	24° 5	10° 4	2°53	8°40	8°17	16°44	n.a.	S 30
S 31	2 9 57	1♏36'11	4♑42	11♎13	17♐10	27♎34	12♊49	5♌12	24♋ 6	10♐ 6	2♓53	8♌35	8♌14	16♓51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s30	15s39	4n52	11s23	2s54	20s36	3s15	2s 2	0n24	22n28	0s17	20n48	1n 8	22n16	0n35	21s 8	1n 3	26s25	17s17	17n36	18n 2	9s12		n.a.
S 2	0 54	18 24	4 21	11 22	2 49	20 57	3 18	2 20	0 23	22 28	0 17	20 47	1 8	22 16	0 35	21 8	1 3	26 26	17 17	17 37	18 3	9 10		n.a.
S 3	1 19	20 6	3 38	11 17	2 43	21 17	3 20	2 38	0 22	22 28	0 17	20 46	1 9	22 15	0 35	21 8	1 3	26 26	17 17	17 38	18 4	9 8		n.a.
M 4	1 43	20 43	2 45	11 7	2 36	21 37	3 23	2 55	0 22	22 29	0 17	20 45	1 9	22 15	0 35	21 8	1 3	26 26	17 17	17 38	18 5	9 6		n.a.
T 5	2 7	20 19	1 45	10 52	2 27	21 56	3 26	3 13	0 21	22 29	0 17	20 44	1 9	22 15	0 35	21 8	1 3	26 26	17 16	17 38	18 5	9 4		n.a.
W 6	2 31	18 58	0 42	10 32	2 17	22 15	3 28	3 30	0 21	22 29	0 17	20 43	1 9	22 15	0 35	21 9	1 3	26 26	17 16	17 37	18 6	9 2		n.a.
T 7	2 56	16 48	0s21	10 6	2 4	22 33	3 30	3 48	0 20	22 29	0 17	20 42	1 9	22 14	0 35	21 9	1 2	26 26	17 16	17 37	18 7	9 1		n.a.
F 8	3 20	13 57	1 24	9 34	1 50	22 51	3 33	4 5	0 19	22 29	0 17	20 41	1 10	22 14	0 35	21 9	1 2	26 27	17 16	17 38	18 8	8 59		n.a.
S 9	3 44	10 32	2 22	8 58	1 34	23 8	3 35	4 23	0 19	22 29	0 17	20 40	1 10	22 14	0 35	21 9	1 2	26 27	17 15	17 39	18 9	8 57		n.a.
S 10	4 8	6 41	3 15	8 16	1 17	23 24	3 37	4 40	0 18	22 29	0 17	20 39	1 10	22 14	0 35	21 10	1 2	26 27	17 15	17 41	18 10	8 55		n.a.
M11	4 32	2 34	3 59	7 31	0 58	23 40	3 39	4 58	0 18	22 29	0 16	20 38	1 10	22 13	0 35	21 10	1 2	26 27	17 15	17 43	18 11	8 53		n.a.
T 12	4 56	1n40	4 32	6 42	0 38	23 56	3 40	5 15	0 17	22 29	0 16	20 38	1 10	22 13	0 35	21 10	1 2	26 27	17 15	17 46	18 11	8 51		n.a.
W13	5 20	5 54	4 54	5 52	0 17	24 10	3 42	5 33	0 16	22 29	0 16	20 37	1 10	22 13	0 36	21 10	1 2	26 27	17 15	17 50	18 12	8 49		n.a.
T 14	5 44	9 56	5 3	5 1	0n 3	24 25	3 44	5 50	0 16	22 29	0 16	20 36	1 11	22 13	0 36	21 11	1 2	26 27	17 14	17 53	18 13	8 47		n.a.
F 15	6 8	13 37	4 57	4 11	0 24	24 38	3 45	6 8	0 15	22 29	0 16	20 35	1 11	22 13	0 36	21 11	1 2	26 28	17 14	17 56	18 14	8 45		n.a.
S 16	6 31	16 44	4 37	3 24	0 43	24 51	3 46	6 25	0 14	22 29	0 16	20 34	1 11	22 12	0 36	21 11	1 2	26 28	17 14	17 59	18 15	8 43		n.a.
S 17	6 55	19 6	4 3	2 41	1 2	25 3	3 47	6 42	0 14	22 29	0 16	20 34	1 11	22 12	0 36	21 11	1 2	26 28	17 14	18 0	18 16	8 41		n.a.
M18	7 19	20 31	3 15	2 2	1 19	25 15	3 48	7 0	0 13	22 29	0 16	20 33	1 11	22 12	0 36	21 12	1 2	26 28	17 13	18 1	18 17	8 39		n.a.
T 19	7 42	20 50	2 16	1 30	1 34	25 26	3 49	7 17	0 13	22 29	0 16	20 32	1 12	22 12	0 36	21 12	1 2	26 28	17 13	18 2	18 17	8 37		n.a.
W20	8 5	19 57	1 8	1 4	1 47	25 37	3 49	7 34	0 12	22 28	0 16	20 32	1 12	22 12	0 36	21 12	1 2	26 28	17 13	18 2	18 18	8 35		n.a.
T 21	8 28	17 51	0n 5	0 44	1 59	25 46	3 50	7 51	0 11	22 28	0 15	20 31	1 12	22 12	0 36	21 12	1 2	26 28	17 12	18 2	18 19	8 33		n.a.
F 22	8 51	14 36	1 20	0 31	2 8	25 56	3 50	8 9	0 11	22 28	0 15	20 30	1 12	22 12	0 36	21 13	1 2	26 28	17 12	18 2	18 20	8 31		n.a.
S 23	9 14	10 22	2 31	0 24	2 15	26 4	3 50	8 26	0 10	22 28	0 15	20 30	1 12	22 12	0 36	21 13	1 2	26 28	17 12	18 3	18 21	8 29		n.a.
S 24	9 37	5 27	3 33	0 23	2 21	26 12	3 50	8 43	0 9	22 27	0 15	20 29	1 13	22 11	0 36	21 13	1 2	26 28	17 12	18 4	18 22	8 27		n.a.
M25	10 0	0 10	4 21	0 27	2 25	26 20	3 49	9 0	0 9	22 27	0 15	20 29	1 13	22 11	0 36	21 14	1 2	26 28	17 11	18 7	18 23	8 25		n.a.
T 26	10 22	5s 8	4 51	0 36	2 28	26 26	3 49	9 17	0 8	22 27	0 15	20 28	1 13	22 11	0 36	21 14	1 2	26 28	17 11	18 10	18 23	8 23		n.a.
W27	10 44	10 4	5 1	0 49	2 29	26 32	3 48	9 33	0 8	22 26	0 15	20 28	1 13	22 11	0 36	21 14	1 2	26 28	17 11	18 13	18 24	8 21		n.a.
T 28	11 6	14 18	4 51	1 6	2 30	26 38	3 47	9 50	0 7	22 26	0 15	20 27	1 14	22 11	0 36	21 15	1 2	26 28	17 10	18 16	18 25	8 19		n.a.
F 29	11 28	17 36	4 23	1 27	2 29	26 43	3 46	10 7	0 6	22 26	0 15	20 27	1 14	22 11	0 36	21 15	1 2	26 28	17 10	18 19	18 26	8 17		n.a.
S 30	11 50	19 49	3 41	1 51	2 27	26 47	3 44	10 24	0 6	22 25	0 15	20 26	1 14	22 11	0 36	21 15	1 2	26 28	17 10	18 21	18 27	8 15		n.a.
S 31	12s12	20s52	2n49	2s17	2n24	26s50	3s43	10s40	0n 5	22n25	0s14	20n26	1n14	22n11	0n36	21s15	1n 2	26s27	17s 9	18n22	18n28	8s13		n.a.

Julian Day Number = 1486110.5, Delta T = 05h18m37s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'16, Lahiri = -12°51'16 Julian Calendar 1 Oct. 645 BCE == Greg. Calendar 24 Sept. 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

NOVEMBER 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 13 53	2♏37'15	17♉24	12♎18	17♐59	28♎18	12°R45	5♌14	24♋ 6	10♐ 8	2°R52	8°R33	8♌11	16♓57	n.a.	M 1
T 2	2 17 50	3°38'21	29°45	13°26	18°47	29° 2	12♊40	5°17	24° 6	10°10	2♓52	8♌32	8° 8	17° 4	n.a.	T 2
W 3	2 21 46	4°39'27	11♒49	14°38	19°34	29°46	12°35	5°19	24° 6	10°12	2°51	8°32	8° 4	17°11	n.a.	W 3
T 4	2 25 43	5°40'34	23°43	15°52	20°21	0♏30	12°30	5°21	24° 7	10°14	2°51	8°31	8° 1	17°17	n.a.	T 4
F 5	2 29 40	6°41'41	5♓31	17° 9	21° 6	1°14	12°25	5°23	24° 7	10°16	2°50	8°29	7°58	17°24	n.a.	F 5
S 6	2 33 36	7°42'49	17°19	18°27	21°50	1°58	12°19	5°25	24°R 7	10°18	2°50	8°24	7°55	17°31	n.a.	S 6
S 7	2 37 33	8°43'58	29°11	19°48	22°34	2°43	12°14	5°26	24° 7	10°20	2°50	8°17	7°52	17°38	n.a.	S 7
M 8	2 41 29	9°45'07	11♈11	21°10	23°16	3°27	12° 8	5°28	24° 7	10°22	2°49	8° 6	7°49	17°44	n.a.	M 8
T 9	2 45 26	10°46'16	23°20	22°33	23°57	4°11	12° 2	5°29	24° 6	10°24	2°49	7°53	7°45	17°51	n.a.	T 9
W10	2 49 22	11°47'27	5♉41	23°57	24°37	4°56	11°56	5°31	24° 6	10°26	2°49	7°39	7°42	17°58	n.a.	W10
T 11	2 53 19	12°48'37	18°13	25°23	25°16	5°40	11°50	5°32	24° 6	10°28	2°48	7°24	7°39	18° 4	n.a.	T 11
F 12	2 57 15	13°49'49	0♊57	26°49	25°53	6°25	11°43	5°33	24° 6	10°30	2°48	7°11	7°36	18°11	n.a.	F 12
S 13	3 1 12	14°51'01	13°52	28°16	26°29	7° 9	11°37	5°34	24° 5	10°32	2°48	7° 0	7°33	18°18	n.a.	S 13
S 14	3 5 9	15°52'14	26°58	29°44	27° 4	7°54	11°30	5°35	24° 5	10°34	2°48	6°52	7°30	18°24	n.a.	S 14
M15	3 9 5	16°53'27	10♋14	1♏12	27°37	8°38	11°24	5°36	24° 4	10°36	2°47	6°47	7°26	18°31	n.a.	M15
T 16	3 13 2	17°54'42	23°41	2°41	28° 9	9°23	11°17	5°37	24° 4	10°38	2°47	6°44	7°23	18°38	n.a.	T 16
W17	3 16 58	18°55'57	7♌19	4°10	28°39	10° 8	11°10	5°37	24° 3	10°40	2°47	6°D44	7°20	18°44	n.a.	W17
T 18	3 20 55	19°57'12	21°11	5°40	29° 7	10°53	11° 3	5°38	24° 3	10°42	2°47	6°R44	7°17	18°51	n.a.	T 18
F 19	3 24 51	20°58'28	5♍15	7°10	29°34	11°37	10°56	5°38	24° 2	10°45	2°47	6°43	7°14	18°58	n.a.	F 19
S 20	3 28 48	21°59'45	19°32	8°40	29°59	12°22	10°48	5°39	24° 1	10°47	2°47	6°41	7°10	19° 4	n.a.	S 20
S 21	3 32 45	23° 1'02	3♎59	10°11	0♑23	13° 7	10°41	5°39	24° 0	10°49	2°47	6°35	7° 7	19°11	n.a.	S 21
M22	3 36 41	24° 2'19	18°33	11°42	0°44	13°52	10°34	5°R39	23°59	10°51	2°46	6°27	7° 4	19°18	n.a.	M22
T 23	3 40 38	25° 3'37	3♏ 8	13°14	1° 4	14°37	10°26	5°39	23°58	10°53	2°D46	6°17	7° 1	19°24	n.a.	T 23
W24	3 44 34	26° 4'55	17°37	14°46	1°21	15°22	10°18	5°39	23°57	10°56	2°46	6° 5	6°58	19°31	n.a.	W24
T 25	3 48 31	27° 6'14	1♐52	16°18	1°37	16° 7	10°11	5°39	23°56	10°58	2°46	5°54	6°55	19°38	n.a.	T 25
F 26	3 52 27	28° 7'32	15°47	17°50	1°50	16°52	10° 3	5°38	23°55	11° 0	2°47	5°44	6°51	19°44	n.a.	F 26
S 27	3 56 24	29° 8'50	29°20	19°23	2° 1	17°38	9°55	5°38	23°54	11° 2	2°47	5°36	6°48	19°51	n.a.	S 27
S 28	4 0 20	0♐10'09	12♑28	20°56	2°10	18°23	9°47	5°37	23°53	11° 4	2°47	5°31	6°45	19°58	n.a.	S 28
M29	4 4 17	1°11'26	25°12	22°29	2°17	19° 8	9°39	5°36	23°52	11° 7	2°47	5°28	6°42	20° 4	n.a.	M29
T 30	4 8 14	2♐12'44	7♒36	24♏ 3	2♑21	19♏53	9♊31	5♌36	23♋51	11♐ 9	2♓47	5°D28	6♌39	20♓11	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s33	20s49	1n49	2s46	2n21	26s53	3s41	10s57	0n 4	22n24	0s14	20n25	1n14	22n11	0n36	21s16	1n 2	26s27	17s 9	18n23	18n28	8s11		n.a.
T 2	12 54	19 44	0 46	3 16	2 17	26 55	3 39	11 13	0 4	22 24	0 14	20 25	1 15	22 11	0 36	21 16	1 2	26 27	17 9	18 23	18 29	8 9		n.a.
W 3	13 15	17 46	0s17	3 49	2 13	26 57	3 37	11 30	0 3	22 23	0 14	20 25	1 15	22 11	0 36	21 16	1 2	26 27	17 8	18 23	18 30	8 7		n.a.
T 4	13 36	15 3	1 20	4 22	2 8	26 58	3 34	11 46	0 2	22 23	0 14	20 24	1 15	22 11	0 36	21 17	1 1	26 27	17 8	18 23	18 31	8 5		n.a.
F 5	13 56	11 45	2 18	4 57	2 2	26 59	3 31	12 2	0 2	22 22	0 14	20 24	1 15	22 11	0 36	21 17	1 1	26 27	17 8	18 24	18 32	8 3		n.a.
S 6	14 17	7 59	3 10	5 32	1 57	26 59	3 28	12 18	0 1	22 21	0 14	20 24	1 15	22 11	0 37	21 17	1 1	26 27	17 7	18 25	18 33	8 1		n.a.
S 7	14 36	3 53	3 54	6 9	1 51	26 58	3 25	12 34	0 0	22 21	0 14	20 24	1 16	22 11	0 37	21 18	1 1	26 27	17 7	18 27	18 33	7 59		n.a.
M 8	14 56	0n23	4 28	6 46	1 44	26 57	3 21	12 50	0s 0	22 20	0 13	20 24	1 16	22 11	0 37	21 18	1 1	26 26	17 7	18 30	18 34	7 57		n.a.
T 9	15 16	4 42	4 50	7 23	1 38	26 55	3 17	13 6	0 1	22 20	0 13	20 23	1 16	22 11	0 37	21 18	1 1	26 26	17 6	18 33	18 35	7 55		n.a.
W10	15 35	8 54	4 59	8 1	1 31	26 52	3 13	13 22	0 2	22 19	0 13	20 23	1 16	22 11	0 37	21 19	1 1	26 26	17 6	18 37	18 36	7 53		n.a.
T 11	15 54	12 47	4 54	8 39	1 24	26 49	3 8	13 38	0 2	22 18	0 13	20 23	1 17	22 12	0 37	21 19	1 1	26 26	17 6	18 40	18 37	7 51		n.a.
F 12	16 13	16 9	4 35	9 17	1 17	26 46	3 3	13 53	0 3	22 17	0 13	20 23	1 17	22 12	0 37	21 19	1 1	26 26	17 5	18 44	18 37	7 49		n.a.
S 13	16 31	18 48	4 1	9 55	1 10	26 41	2 58	14 9	0 3	22 17	0 13	20 23	1 17	22 12	0 37	21 20	1 1	26 25	17 5	18 47	18 38	7 47		n.a.
S 14	16 49	20 31	3 14	10 33	1 3	26 37	2 52	14 24	0 4	22 16	0 13	20 23	1 17	22 12	0 37	21 20	1 1	26 25	17 5	18 49	18 39	7 45		n.a.
M15	17 7	21 7	2 15	11 11	0 56	26 31	2 47	14 39	0 5	22 15	0 13	20 23	1 17	22 12	0 37	21 20	1 1	26 25	17 4	18 50	18 40	7 43		n.a.
T 16	17 24	20 32	1 9	11 48	0 49	26 26	2 40	14 54	0 5	22 14	0 12	20 23	1 18	22 12	0 37	21 21	1 1	26 25	17 4	18 51	18 41	7 41		n.a.
W17	17 42	18 45	0n 3	12 26	0 42	26 20	2 34	15 9	0 6	22 13	0 12	20 23	1 18	22 12	0 37	21 21	1 1	26 24	17 4	18 51	18 42	7 39		n.a.
T 18	17 58	15 50	1 16	13 3	0 35	26 13	2 27	15 24	0 7	22 13	0 12	20 23	1 18	22 12	0 37	21 21	1 1	26 24	17 3	18 51	18 42	7 36		n.a.
F 19	18 15	11 57	2 25	13 40	0 28	26 6	2 19	15 39	0 7	22 12	0 12	20 23	1 18	22 13	0 37	21 22	1 1	26 24	17 3	18 51	18 43	7 34		n.a.
S 20	18 31	7 21	3 26	14 16	0 21	25 58	2 12	15 53	0 8	22 11	0 12	20 23	1 19	22 13	0 37	21 22	1 1	26 24	17 3	18 52	18 44	7 32		n.a.
S 21	18 47	2 17	4 15	14 52	0 14	25 50	2 3	16 8	0 9	22 10	0 12	20 24	1 19	22 13	0 37	21 22	1 1	26 23	17 2	18 53	18 45	7 30		n.a.
M22	19 3	2s57	4 47	15 27	0 7	25 41	1 55	16 22	0 9	22 9	0 12	20 24	1 19	22 13	0 37	21 23	1 1	26 23	17 2	18 55	18 46	7 28		n.a.
T 23	19 18	8 1	5 1	16 2	0s 0	25 32	1 46	16 36	0 10	22 8	0 11	20 24	1 19	22 13	0 37	21 23	1 1	26 23	17 1	18 58	18 47	7 26		n.a.
W24	19 33	12 35	4 56	16 36	0 7	25 23	1 37	16 50	0 11	22 7	0 11	20 24	1 19	22 13	0 37	21 23	1 1	26 22	17 1	19 1	18 47	7 24		n.a.
T 25	19 47	16 23	4 32	17 10	0 14	25 13	1 27	17 4	0 11	22 6	0 11	20 24	1 20	22 14	0 37	21 24	1 1	26 22	17 1	19 3	18 48	7 22		n.a.
F 26	20 1	19 9	3 52	17 43	0 21	25 2	1 17	17 18	0 12	22 5	0 11	20 25	1 20	22 14	0 37	21 24	1 1	26 22	17 0	19 6	18 49	7 20		n.a.
S 27	20 15	20 46	3 0	18 15	0 27	24 51	1 6	17 32	0 13	22 4	0 11	20 25	1 20	22 14	0 37	21 24	1 1	26 21	17 0	19 8	18 50	7 18		n.a.
S 28	20 28	21 12	1 59	18 47	0 34	24 40	0 55	17 45	0 13	22 3	0 11	20 25	1 20	22 14	0 37	21 25	1 1	26 21	17 0	19 9	18 51	7 16		n.a.
M29	20 41	20 30	0 54	19 17	0 40	24 29	0 44	17 58	0 14	22 2	0 11	20 26	1 21	22 15	0 37	21 25	1 1	26 20	16 59	19 10	18 51	7 14		n.a.
T 30	20s53	18s48	0s11	19s47	0s46	24s17	0s32	18s12	0s15	22n 1	0s10	20n26	1n21	22n15	0n37	21s25	1n 1	26s20	16s59	19n10	18n52	7s12		n.a.

Julian Day Number = 1486141.5, Delta T = 05h18m35s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'12, Lahiri = -12°51'12 Julian Calendar 1 Nov. 645 BCE == Greg. Calendar 25 Oct. 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 645 BCE
geocentric

DECEMBER 645 BCE (-644) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 12 10	3♐14'01	19♒43	25♏36	2°R22	20♏39	9°R23	5°R35	23°R49	11♐11	2♓47	5♌28	6♌36	20♓18	n.a.	W 1
T 2	4 16 7	4°15'17	1♓39	27°11	2♑22	21°24	9♊15	5♌34	23♋48	11°13	2°47	5°R29	6°32	20°25	n.a.	T 2
F 3	4 20 3	5°16'33	13°29	28°45	2°18	22° 9	9° 7	5°33	23°46	11°16	2°48	5°29	6°29	20°31	n.a.	F 3
S 4	4 24 0	6°17'48	25°19	0♐21	2°13	22°55	8°59	5°31	23°45	11°18	2°48	5°26	6°26	20°38	n.a.	S 4
S 5	4 27 56	7°19'03	7♈13	1°56	2° 4	23°40	8°51	5°30	23°43	11°20	2°48	5°22	6°23	20°45	n.a.	S 5
M 6	4 31 53	8°20'17	19°16	3°32	1°53	24°26	8°43	5°29	23°42	11°23	2°48	5°15	6°20	20°51	n.a.	M 6
T 7	4 35 49	9°21'30	1♉31	5° 8	1°40	25°11	8°35	5°27	23°40	11°25	2°49	5° 6	6°16	20°58	n.a.	T 7
W 8	4 39 46	10°22'43	14° 2	6°45	1°24	25°57	8°27	5°25	23°39	11°27	2°49	4°56	6°13	21° 5	n.a.	W 8
T 9	4 43 43	11°23'55	26°48	8°22	1° 6	26°42	8°19	5°24	23°37	11°29	2°49	4°45	6°10	21°11	n.a.	T 9
F 10	4 47 39	12°25'07	9♊51	10° 0	0°45	27°28	8°11	5°22	23°35	11°32	2°50	4°36	6° 7	21°18	n.a.	F 10
S 11	4 51 36	13°26'18	23° 8	11°38	0°22	28°14	8° 3	5°20	23°33	11°34	2°50	4°28	6° 4	21°25	n.a.	S 11
S 12	4 55 32	14°27'29	6♋38	13°16	29♐56	29° 0	7°55	5°18	23°32	11°36	2°51	4°22	6° 1	21°31	n.a.	S 12
M13	4 59 29	15°28'39	20°19	14°55	29°29	29°45	7°47	5°16	23°30	11°38	2°51	4°19	5°57	21°38	n.a.	M13
T 14	5 3 25	16°29'48	4♌ 8	16°35	29° 0	0♐31	7°39	5°13	23°28	11°41	2°51	4°D18	5°54	21°45	n.a.	T 14
W15	5 7 22	17°30'57	18° 4	18°15	28°29	1°17	7°31	5°11	23°26	11°43	2°52	4°19	5°51	21°51	n.a.	W15
T 16	5 11 19	18°32'06	2♍ 5	19°56	27°56	2° 3	7°23	5° 9	23°24	11°45	2°52	4°20	5°48	21°58	n.a.	T 16
F 17	5 15 15	19°33'14	16°10	21°37	27°23	2°49	7°15	5° 6	23°22	11°48	2°53	4°R21	5°45	22° 5	n.a.	F 17
S 18	5 19 12	20°34'21	0♎19	23°19	26°47	3°35	7° 7	5° 3	23°20	11°50	2°54	4°20	5°42	22°12	n.a.	S 18
S 19	5 23 8	21°35'28	14°29	25° 1	26°12	4°21	7° 0	5° 1	23°18	11°52	2°54	4°18	5°38	22°18	n.a.	S 19
M20	5 27 5	22°36'34	28°38	26°44	25°35	5° 7	6°52	4°58	23°16	11°54	2°55	4°14	5°35	22°25	n.a.	M20
T 21	5 31 1	23°37'39	12♏44	28°28	24°58	5°53	6°45	4°55	23°14	11°57	2°55	4° 8	5°32	22°32	n.a.	T 21
W22	5 34 58	24°38'44	26°43	0♑11	24°21	6°39	6°37	4°52	23°11	11°59	2°56	4° 1	5°29	22°38	n.a.	W22
T 23	5 38 54	25°39'48	10♐31	1°56	23°44	7°25	6°30	4°49	23° 9	12° 1	2°57	3°55	5°26	22°45	n.a.	T 23
F 24	5 42 51	26°40'51	24° 4	3°40	23° 7	8°11	6°23	4°46	23° 7	12° 3	2°57	3°49	5°22	22°52	n.a.	F 24
S 25	5 46 48	27°41'53	7♑20	5°25	22°32	8°57	6°16	4°42	23° 5	12° 5	2°58	3°44	5°19	22°58	n.a.	S 25
S 26	5 50 44	28°42'54	20°18	7°11	21°56	9°43	6° 9	4°39	23° 2	12° 8	2°59	3°42	5°16	23° 5	n.a.	S 26
M27	5 54 41	29°43'53	2♒57	8°56	21°22	10°29	6° 2	4°36	23° 0	12°10	2°59	3°D41	5°13	23°12	n.a.	M27
T 28	5 58 37	0♑44'51	15°19	10°42	20°50	11°16	5°55	4°32	22°58	12°12	3° 0	3°41	5°10	23°18	n.a.	T 28
W29	6 2 34	1°45'48	27°26	12°27	20°18	12° 2	5°48	4°29	22°55	12°14	3° 1	3°43	5° 7	23°25	n.a.	W29
T 30	6 6 30	2°46'43	9♓24	14°12	19°49	12°48	5°42	4°25	22°53	12°16	3° 2	3°45	5° 3	23°32	n.a.	T 30
F 31	6 10 27	3♑47'36	21♓15	15♑57	19♐21	13♐34	5♊35	4♌21	22♋51	12♐19	3♓ 3	3♌46	5♌ 0	23♓38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s 6	16s18	1s15	20s16	0s52	24s 4	0s20	18s24	0s15	22n 0	0s10	20n27	1n21	22n15	0n37	21s26	1n 1	26s20	16s59	19n10	18n53	7s10			n.a.
T 2	21 17	13 8	2 15	20 44	0 58	23 52	0 7	18 37	0 16	21 59	0 10	20 27	1 21	22 15	0 38	21 26	1 1	26 19	16 58	19 10	18 54	7 7			n.a.
F 3	21 29	9 29	3 9	21 11	1 3	23 39	0n 6	18 50	0 17	21 58	0 10	20 28	1 21	22 16	0 38	21 26	1 1	26 19	16 58	19 10	18 55	7 5			n.a.
S 4	21 40	5 28	3 54	21 38	1 9	23 25	0 20	19 2	0 17	21 56	0 10	20 28	1 22	22 16	0 38	21 27	1 1	26 18	16 57	19 10	18 55	7 3			n.a.
S 5	21 50	1 13	4 30	22 3	1 14	23 12	0 34	19 15	0 18	21 55	0 10	20 29	1 22	22 16	0 38	21 27	1 1	26 18	16 57	19 11	18 56	7 1			n.a.
M 6	22 0	3n 7	4 54	22 27	1 19	22 58	0 48	19 27	0 19	21 54	0 10	20 29	1 22	22 17	0 38	21 27	1 1	26 18	16 57	19 13	18 57	6 59			n.a.
T 7	22 10	7 24	5 5	22 50	1 24	22 43	1 2	19 38	0 19	21 53	0 9	20 30	1 22	22 17	0 38	21 27	1 1	26 17	16 56	19 15	18 58	6 57			n.a.
W 8	22 19	11 28	5 1	23 12	1 29	22 29	1 17	19 50	0 20	21 52	0 9	20 31	1 23	22 17	0 38	21 28	1 1	26 17	16 56	19 18	18 59	6 55			n.a.
T 9	22 28	15 7	4 43	23 32	1 33	22 14	1 32	20 2	0 21	21 51	0 9	20 31	1 23	22 18	0 38	21 28	1 1	26 16	16 56	19 20	18 59	6 53			n.a.
F 10	22 36	18 7	4 10	23 52	1 37	21 59	1 47	20 13	0 21	21 50	0 9	20 32	1 23	22 18	0 38	21 28	1 1	26 16	16 55	19 23	19 0	6 51			n.a.
S 11	22 44	20 13	3 23	24 10	1 41	21 44	2 2	20 24	0 22	21 49	0 9	20 33	1 23	22 18	0 38	21 29	1 1	26 15	16 55	19 25	19 1	6 49			n.a.
S 12	22 51	21 13	2 23	24 26	1 45	21 28	2 18	20 35	0 23	21 47	0 9	20 33	1 23	22 19	0 38	21 29	1 1	26 15	16 55	19 26	19 2	6 46			n.a.
M13	22 58	20 59	1 15	24 42	1 48	21 13	2 33	20 46	0 23	21 46	0 8	20 34	1 24	22 19	0 38	21 29	1 1	26 14	16 54	19 27	19 3	6 44			n.a.
T 14	23 5	19 29	0 1	24 56	1 51	20 57	2 49	20 56	0 24	21 45	0 8	20 35	1 24	22 19	0 38	21 30	1 1	26 14	16 54	19 27	19 3	6 42			n.a.
W15	23 11	16 48	1n14	25 8	1 54	20 42	3 4	21 6	0 25	21 44	0 8	20 36	1 24	22 20	0 38	21 30	1 1	26 13	16 53	19 27	19 4	6 40			n.a.
T 16	23 16	13 7	2 24	25 19	1 56	20 26	3 19	21 16	0 25	21 43	0 8	20 36	1 24	22 20	0 38	21 30	1 1	26 13	16 53	19 27	19 5	6 38			n.a.
F 17	23 21	8 42	3 27	25 28	1 58	20 10	3 34	21 26	0 26	21 42	0 8	20 37	1 24	22 20	0 38	21 31	1 1	26 12	16 53	19 26	19 6	6 36			n.a.
S 18	23 26	3 47	4 17	25 36	2 0	19 55	3 49	21 36	0 27	21 41	0 8	20 38	1 25	22 21	0 38	21 31	1 1	26 12	16 52	19 26	19 7	6 34			n.a.
S 19	23 30	1s19	4 51	25 41	2 1	19 39	4 4	21 45	0 27	21 39	0 7	20 39	1 25	22 21	0 38	21 31	1 1	26 11	16 52	19 27	19 7	6 32			n.a.
M20	23 34	6 21	5 8	25 46	2 2	19 24	4 18	21 54	0 28	21 38	0 7	20 40	1 25	22 22	0 38	21 32	1 1	26 11	16 52	19 28	19 8	6 30			n.a.
T 21	23 37	11 1	5 6	25 48	2 2	19 9	4 31	22 3	0 29	21 37	0 7	20 41	1 25	22 22	0 38	21 32	1 1	26 10	16 51	19 29	19 9	6 27			n.a.
W22	23 40	15 4	4 46	25 48	2 2	18 55	4 44	22 12	0 29	21 36	0 7	20 42	1 25	22 22	0 38	21 32	1 1	26 9	16 51	19 31	19 10	6 25			n.a.
T 23	23 42	18 14	4 9	25 47	2 1	18 41	4 57	22 21	0 30	21 35	0 7	20 43	1 26	22 23	0 38	21 33	1 1	26 9	16 51	19 33	19 11	6 23			n.a.
F 24	23 44	20 20	3 19	25 43	2 0	18 27	5 9	22 29	0 31	21 34	0 7	20 44	1 26	22 23	0 38	21 33	1 1	26 8	16 50	19 34	19 11	6 21			n.a.
S 25	23 45	21 15	2 19	25 38	1 59	18 14	5 20	22 37	0 31	21 33	0 7	20 45	1 26	22 24	0 38	21 33	1 1	26 8	16 50	19 35	19 12	6 19			n.a.
S 26	23 46	21 1	1 12	25 31	1 57	18 2	5 30	22 45	0 32	21 32	0 6	20 46	1 26	22 24	0 38	21 33	1 1	26 7	16 50	19 36	19 13	6 17			n.a.
M27	23 46	19 42	0 4	25 21	1 54	17 50	5 40	22 52	0 33	21 31	0 6	20 47	1 26	22 24	0 38	21 34	1 1	26 7	16 49	19 36	19 14	6 15			n.a.
T 28	23 46	17 28	1s 3	25 10	1 50	17 39	5 49	22 59	0 33	21 30	0 6	20 48	1 27	22 25	0 38	21 34	1 1	26 6	16 49	19 36	19 14	6 12			n.a.
W29	23 46	14 30	2 6	24 56	1 46	17 28	5 57	23 6	0 34	21 29	0 6	20 49	1 27	22 25	0 38	21 34	1 1	26 5	16 49	19 35	19 15	6 10			n.a.
T 30	23 44	10 59	3 3	24 41	1 41	17 19	6 5	23 13	0 35	21 28	0 6	20 50	1 27	22 26	0 38	21 35	1 1	26 5	16 48	19 35	19 16	6 8			n.a.
F 31	23s43	7s 3	3s52	24s24	1s36	17s10	6n11	23s20	0s35	21n27	0s 6	20n51	1n27	22n26	0n38	21s35	1n 1	26s 4	16s48	19n35	19n17	6s 6			n.a.

Julian Day Number = 1486171.5, Delta T = 05h18m34s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'08, Lahiri = -12°51'07 Julian Calendar 1 Dec. 645 BCE == Greg. Calendar 24 Nov. 645 BCE

The year -644 astronomical counting style corresponds to year 645 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

JANUARY 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 14 23	4♑48'28	3♈ 6	17♑41	18°R55	14♐21	5°R29	4°R17	22°R48	12♐21	3♓ 4	3°R47	4♌57	23♓45	n.a.	S 1
S 2	6 18 20	5°49'18	15° 0	19°24	18♐32	15° 7	5♊23	4♌14	22♋46	12°23	3° 4	3♌47	4°54	23°52	n.a.	S 2
M 3	6 22 17	6°50'07	27° 3	21° 5	18°10	15°54	5°17	4°10	22°43	12°25	3° 5	3°45	4°51	23°59	n.a.	M 3
T 4	6 26 13	7°50'54	9♉20	22°45	17°51	16°40	5°11	4° 6	22°41	12°27	3° 6	3°42	4°47	24° 5	n.a.	T 4
W 5	6 30 10	8°51'39	21°54	24°23	17°35	17°26	5° 6	4° 2	22°38	12°29	3° 7	3°38	4°44	24°12	n.a.	W 5
T 6	6 34 6	9°52'23	4♊48	25°59	17°20	18°13	5° 0	3°58	22°36	12°31	3° 8	3°35	4°41	24°19	n.a.	T 6
F 7	6 38 3	10°53'05	18° 2	27°31	17° 9	18°59	4°55	3°53	22°33	12°33	3° 9	3°31	4°38	24°25	n.a.	F 7
S 8	6 41 59	11°53'45	1♋36	28°59	16°59	19°46	4°50	3°49	22°31	12°35	3°10	3°28	4°35	24°32	n.a.	S 8
S 9	6 45 56	12°54'24	15°29	0♒24	16°53	20°32	4°45	3°45	22°28	12°37	3°11	3°26	4°32	24°39	n.a.	S 9
M10	6 49 52	13°55'01	29°37	1°43	16°48	21°19	4°40	3°41	22°25	12°39	3°12	3°D25	4°28	24°45	n.a.	M10
T 11	6 53 49	14°55'37	13♌55	2°56	16°D47	22° 5	4°35	3°36	22°23	12°41	3°13	3°25	4°25	24°52	n.a.	T 11
W12	6 57 46	15°56'11	28°18	4° 4	16°47	22°52	4°31	3°32	22°20	12°43	3°14	3°26	4°22	24°59	n.a.	W12
T 13	7 1 42	16°56'44	12♍43	5° 4	16°50	23°38	4°26	3°28	22°18	12°45	3°15	3°27	4°19	25° 5	n.a.	T 13
F 14	7 5 39	17°57'15	27° 4	5°56	16°56	24°25	4°22	3°23	22°15	12°47	3°16	3°29	4°16	25°12	n.a.	F 14
S 15	7 9 35	18°57'44	11♎20	6°40	17° 4	25°12	4°18	3°19	22°12	12°49	3°17	3°29	4°13	25°19	n.a.	S 15
S 16	7 13 32	19°58'13	25°26	7°15	17°14	25°58	4°14	3°14	22°10	12°51	3°18	3°R29	4° 9	25°26	n.a.	S 16
M17	7 17 28	20°58'39	9♏23	7°40	17°26	26°45	4°11	3° 9	22° 7	12°53	3°20	3°29	4° 6	25°32	n.a.	M17
T 18	7 21 25	21°59'05	23° 8	7°56	17°40	27°32	4° 7	3° 5	22° 5	12°55	3°21	3°28	4° 3	25°39	n.a.	T 18
W19	7 25 21	22°59'29	6♐41	8°R 1	17°57	28°18	4° 4	3° 0	22° 2	12°57	3°22	3°26	4° 0	25°46	n.a.	W19
T 20	7 29 18	23°59'51	20° 1	7°57	18°15	29° 5	4° 1	2°55	21°59	12°59	3°23	3°25	3°57	25°52	n.a.	T 20
F 21	7 33 15	25° 0'12	3♑ 7	7°42	18°36	29°52	3°58	2°51	21°57	13° 0	3°24	3°24	3°53	25°59	n.a.	F 21
S 22	7 37 11	26° 0'31	16° 0	7°19	18°58	0♑38	3°55	2°46	21°54	13° 2	3°25	3°23	3°50	26° 6	n.a.	S 22
S 23	7 41 8	27° 0'48	28°39	6°46	19°22	1°25	3°53	2°41	21°52	13° 4	3°27	3°D23	3°47	26°12	n.a.	S 23
M24	7 45 4	28° 1'03	11♒ 5	6° 5	19°48	2°12	3°51	2°37	21°49	13° 6	3°28	3°23	3°44	26°19	n.a.	M24
T 25	7 49 1	29° 1'16	23°19	5°17	20°15	2°59	3°49	2°32	21°46	13° 7	3°29	3°23	3°41	26°26	n.a.	T 25
W26	7 52 57	0♒ 1'27	5♓23	4°24	20°44	3°45	3°47	2°27	21°44	13° 9	3°30	3°24	3°38	26°33	n.a.	W26
T 27	7 56 54	1° 1'35	17°19	3°26	21°14	4°32	3°45	2°22	21°41	13°11	3°32	3°24	3°34	26°39	n.a.	T 27
F 28	8 0 50	2° 1'42	29°11	2°25	21°46	5°19	3°43	2°18	21°39	13°13	3°33	3°24	3°31	26°46	n.a.	F 28
S 29	8 4 47	3° 1'46	11♈ 2	1°23	22°20	6° 6	3°42	2°13	21°36	13°14	3°34	3°R24	3°28	26°53	n.a.	S 29
S 30	8 8 44	4° 1'48	22°55	0°21	22°55	6°52	3°41	2° 8	21°33	13°16	3°35	3°24	3°25	26°59	n.a.	S 30
M31	8 12 40	5♒ 1'48	4♉57	29♑21	23♐31	7♑39	3♊40	2♌ 3	21♋31	13♐17	3♓37	3°D24	3♌22	27♓ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s41	2s53	4s30	24s 4	1s30	17s 2	6n17	23s26	0s36	21n26	0s 5	20n52	1n27	22n27	0n38	21s35	1n 1	26s 4	16s48	19n34	19n18	6s 4		n.a.
S 2	23 38	1n26	4 57	23 43	1 23	16 55	6 22	23 32	0 37	21 25	0 5	20 53	1 28	22 27	0 38	21 35	1 1	26 3	16 48	19 35	19 18	6 2		n.a.
M 3	23 36	5 43	5 12	23 20	1 15	16 49	6 27	23 38	0 37	21 24	0 5	20 54	1 28	22 27	0 38	21 36	1 1	26 2	16 47	19 35	19 19	5 59		n.a.
T 4	23 32	9 52	5 12	22 55	1 6	16 43	6 31	23 43	0 38	21 23	0 5	20 55	1 28	22 28	0 38	21 36	1 1	26 2	16 47	19 36	19 20	5 57		n.a.
W 5	23 28	13 42	4 58	22 28	0 57	16 39	6 34	23 49	0 39	21 22	0 5	20 56	1 28	22 28	0 38	21 36	1 1	26 1	16 47	19 36	19 21	5 55		n.a.
T 6	23 24	16 59	4 29	22 1	0 47	16 35	6 36	23 53	0 39	21 21	0 5	20 57	1 28	22 29	0 38	21 36	1 1	26 0	16 46	19 37	19 21	5 53		n.a.
F 7	23 19	19 30	3 45	21 32	0 36	16 33	6 38	23 58	0 40	21 20	0 4	20 59	1 28	22 29	0 38	21 37	1 1	26 0	16 46	19 38	19 22	5 51		n.a.
S 8	23 14	20 59	2 46	21 2	0 24	16 31	6 39	24 3	0 40	21 20	0 4	21 0	1 28	22 30	0 38	21 37	1 1	25 59	16 46	19 39	19 23	5 49		n.a.
S 9	23 8	21 15	1 37	20 31	0 11	16 29	6 39	24 7	0 41	21 19	0 4	21 1	1 29	22 30	0 38	21 37	1 1	25 59	16 46	19 39	19 24	5 46		n.a.
M10	23 2	20 10	0 21	20 1	0n 3	16 29	6 39	24 11	0 42	21 18	0 4	21 2	1 29	22 31	0 38	21 38	1 1	25 58	16 45	19 40	19 24	5 44		n.a.
T 11	22 55	17 48	0n58	19 30	0 17	16 30	6 39	24 14	0 42	21 17	0 4	21 3	1 29	22 31	0 38	21 38	1 1	25 57	16 45	19 40	19 25	5 42		n.a.
W12	22 48	14 18	2 13	19 0	0 32	16 31	6 38	24 17	0 43	21 17	0 4	21 5	1 29	22 31	0 39	21 38	1 1	25 57	16 45	19 39	19 26	5 40		n.a.
T 13	22 41	9 57	3 21	18 30	0 47	16 33	6 36	24 21	0 44	21 16	0 4	21 6	1 29	22 32	0 39	21 38	1 1	25 56	16 44	19 39	19 27	5 38		n.a.
F 14	22 33	5 4	4 15	18 2	1 3	16 35	6 34	24 23	0 44	21 15	0 3	21 7	1 29	22 32	0 39	21 39	1 1	25 55	16 44	19 39	19 28	5 36		n.a.
S 15	22 25	0s 3	4 53	17 35	1 20	16 38	6 32	24 26	0 45	21 15	0 3	21 8	1 29	22 33	0 39	21 39	1 1	25 55	16 44	19 39	19 28	5 33		n.a.
S 16	22 16	5 7	5 13	17 10	1 36	16 42	6 29	24 28	0 45	21 14	0 3	21 9	1 30	22 33	0 39	21 39	1 1	25 54	16 44	19 39	19 29	5 31		n.a.
M17	22 7	9 51	5 15	16 48	1 53	16 46	6 26	24 30	0 46	21 14	0 3	21 11	1 30	22 34	0 39	21 39	1 1	25 53	16 43	19 39	19 30	5 29		n.a.
T 18	21 57	14 0	4 58	16 28	2 9	16 51	6 22	24 32	0 47	21 13	0 3	21 12	1 30	22 34	0 39	21 39	1 1	25 53	16 43	19 39	19 31	5 27		n.a.
W19	21 47	17 22	4 25	16 11	2 25	16 56	6 19	24 33	0 47	21 13	0 3	21 13	1 30	22 35	0 39	21 40	1 1	25 52	16 43	19 39	19 31	5 25		n.a.
T 20	21 36	19 46	3 38	15 57	2 40	17 2	6 15	24 34	0 48	21 12	0 2	21 14	1 30	22 35	0 39	21 40	1 1	25 51	16 43	19 40	19 32	5 22		n.a.
F 21	21 26	21 4	2 40	15 47	2 55	17 8	6 10	24 35	0 48	21 12	0 2	21 15	1 30	22 35	0 39	21 40	1 1	25 51	16 43	19 40	19 33	5 20		n.a.
S 22	21 14	21 14	1 35	15 40	3 8	17 14	6 6	24 35	0 49	21 12	0 2	21 17	1 30	22 36	0 39	21 40	1 1	25 50	16 42	19 40	19 34	5 18		n.a.
S 23	21 3	20 17	0 26	15 37	3 20	17 21	6 1	24 35	0 50	21 11	0 2	21 18	1 30	22 36	0 39	21 41	1 1	25 49	16 42	19 40	19 34	5 16		n.a.
M24	20 51	18 22	0s43	15 37	3 30	17 27	5 56	24 35	0 50	21 11	0 2	21 19	1 31	22 37	0 39	21 41	1 1	25 49	16 42	19 40	19 35	5 14		n.a.
T 25	20 38	15 38	1 49	15 40	3 39	17 35	5 51	24 35	0 51	21 11	0 2	21 20	1 31	22 37	0 39	21 41	1 1	25 48	16 42	19 40	19 36	5 11		n.a.
W26	20 26	12 16	2 49	15 47	3 45	17 42	5 46	24 34	0 51	21 10	0 2	21 21	1 31	22 38	0 39	21 41	1 1	25 48	16 41	19 40	19 37	5 9		n.a.
T 27	20 12	8 27	3 41	15 56	3 50	17 49	5 40	24 34	0 52	21 10	0 1	21 23	1 31	22 38	0 39	21 41	1 1	25 47	16 41	19 40	19 37	5 7		n.a.
F 28	19 59	4 20	4 23	16 7	3 52	17 57	5 34	24 32	0 53	21 10	0 1	21 24	1 31	22 38	0 39	21 42	1 1	25 46	16 41	19 40	19 38	5 5		n.a.
S 29	19 45	0 4	4 54	16 21	3 52	18 5	5 29	24 31	0 53	21 10	0 1	21 25	1 31	22 39	0 39	21 42	1 1	25 46	16 41	19 40	19 39	5 3		n.a.
S 30	19 31	4n12	5 12	16 36	3 50	18 12	5 23	24 29	0 54	21 10	0 1	21 26	1 31	22 39	0 39	21 42	1 1	25 45	16 41	19 40	19 40	5 0		n.a.
M31	19s16	8n22	5s17	16s53	3n46	18s20	5n17	24s27	0s54	21n10	0s 1	21n27	1n31	22n40	0n39	21s42	1n 1	25s44	16s41	19n40	19n40	4s58		n.a.

Julian Day Number = 1486202.5, Delta T = 05h18m32s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°58'04, Lahiri = -12°51'03 Julian Calendar 1 Jan. 644 BCE == Greg. Calendar 25 Dec. 645 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

FEBRUARY 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 16 37	6♒ 1'46	17♉11	28°R23	24♐ 8	8♋26	3°R39	1°R58	21°R28	13♐19	3♓38	3♌24	3♌19	27♓13	n.a.	T 1
W 2	8 20 33	7° 1'41	29°43	27♋29	24°47	9°13	3♊39	1♌54	21♋26	13°20	3°39	3°24	3°15	27°19	n.a.	W 2
T 3	8 24 30	8° 1'34	12♊35	26°39	25°26	10° 0	3°39	1°49	21°23	13°22	3°41	3°25	3°12	27°26	n.a.	T 3
F 4	8 28 26	9° 1'25	25°50	25°55	26° 7	10°46	3°D38	1°44	21°21	13°23	3°42	3°25	3° 9	27°33	n.a.	F 4
S 5	8 32 23	10° 1'13	9♋31	25°17	26°49	11°33	3°39	1°40	21°18	13°25	3°43	3°26	3° 6	27°39	n.a.	S 5
S 6	8 36 19	11° 1'00	23°36	24°46	27°32	12°20	3°39	1°35	21°16	13°26	3°45	3°26	3° 3	27°46	n.a.	S 6
M 7	8 40 16	12° 0'43	8♌ 2	24°20	28°16	13° 7	3°39	1°30	21°14	13°28	3°46	3°R26	2°59	27°53	n.a.	M 7
T 8	8 44 13	13° 0'25	22°44	24° 1	29° 1	13°53	3°40	1°26	21°11	13°29	3°47	3°26	2°56	28° 0	n.a.	T 8
W 9	8 48 9	14° 0'05	7♍36	23°49	29°47	14°40	3°41	1°21	21° 9	13°31	3°49	3°25	2°53	28° 6	n.a.	W 9
T 10	8 52 6	14°59'43	22°28	23°D43	0♋33	15°27	3°42	1°16	21° 7	13°32	3°50	3°24	2°50	28°13	n.a.	T 10
F 11	8 56 2	15°59'18	7♎15	23°43	1°21	16°14	3°43	1°12	21° 4	13°33	3°52	3°22	2°47	28°20	n.a.	F 11
S 12	8 59 59	16°58'52	21°48	23°49	2° 9	17° 1	3°44	1° 7	21° 2	13°34	3°53	3°21	2°44	28°26	n.a.	S 12
S 13	9 3 55	17°58'24	6♏ 5	24° 1	2°58	17°47	3°46	1° 3	21° 0	13°36	3°54	3°20	2°40	28°33	n.a.	S 13
M14	9 7 52	18°57'54	20° 2	24°18	3°48	18°34	3°48	0°58	20°57	13°37	3°56	3°D20	2°37	28°40	n.a.	M14
T 15	9 11 48	19°57'22	3♐39	24°40	4°39	19°21	3°50	0°54	20°55	13°38	3°57	3°20	2°34	28°46	n.a.	T 15
W16	9 15 45	20°56'49	16°57	25° 7	5°30	20° 8	3°52	0°50	20°53	13°39	3°59	3°21	2°31	28°53	n.a.	W16
T 17	9 19 42	21°56'14	29°58	25°39	6°22	20°55	3°54	0°45	20°51	13°40	4° 0	3°23	2°28	29° 0	n.a.	T 17
F 18	9 23 38	22°55'36	12♋43	26°14	7°15	21°41	3°57	0°41	20°49	13°41	4° 2	3°24	2°25	29° 7	n.a.	F 18
S 19	9 27 35	23°54'57	25°15	26°54	8° 8	22°28	4° 0	0°37	20°47	13°42	4° 3	3°25	2°21	29°13	n.a.	S 19
S 20	9 31 31	24°54'16	7♒36	27°38	9° 2	23°15	4° 3	0°33	20°45	13°43	4° 4	3°R25	2°18	29°20	n.a.	S 20
M21	9 35 28	25°53'32	19°47	28°25	9°56	24° 2	4° 6	0°29	20°43	13°45	4° 6	3°24	2°15	29°27	n.a.	M21
T 22	9 39 24	26°52'47	1♓51	29°15	10°51	24°48	4° 9	0°25	20°41	13°45	4° 7	3°22	2°12	29°33	n.a.	T 22
W23	9 43 21	27°51'59	13°48	0♒ 9	11°46	25°35	4°12	0°21	20°39	13°46	4° 9	3°19	2° 9	29°40	n.a.	W23
T 24	9 47 17	28°51'09	25°41	1° 6	12°42	26°22	4°16	0°17	20°37	13°47	4°10	3°15	2° 5	29°47	n.a.	T 24
F 25	9 51 14	29°50'16	7♈32	2° 5	13°39	27° 8	4°20	0°13	20°35	13°48	4°12	3°10	2° 2	29°53	n.a.	F 25
S 26	9 55 10	0♓49'21	19°23	3° 7	14°36	27°55	4°24	0° 9	20°33	13°49	4°13	3° 5	1°59	0♈ 0	n.a.	S 26
S 27	9 59 7	1°48'24	1♉17	4°12	15°33	28°42	4°28	0° 6	20°31	13°50	4°15	3° 1	1°56	0° 7	n.a.	S 27
M28	10 3 4	2♓47'25	13♉18	5♒19	16♋31	29♋28	4♊32	0♌ 2	20♋30	13♐51	4♓16	2♌58	1♌53	0♈14	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 2	12n16	5s 8	17s10	3n41	18s28	5n11	24s25	0s55	21n10	0s 1	21n29	1n31	22n40	0n39	21s42	1n 1	25s44	16s40	19n40	19n41	4s56		n.a.
W 2	18 46	15 44	4 45	17 28	3 33	18 36	5 5	24 22	0 55	21 10	0 1	21 30	1 31	22 40	0 39	21 42	1 1	25 43	16 40	19 40	19 42	4 54		n.a.
T 3	18 31	18 33	4 6	17 47	3 24	18 43	4 58	24 19	0 56	21 10	0 0	21 31	1 31	22 41	0 39	21 43	1 1	25 42	16 40	19 40	19 43	4 51		n.a.
F 4	18 15	20 28	3 14	18 5	3 14	18 51	4 52	24 16	0 56	21 10	0 0	21 32	1 32	22 41	0 39	21 43	1 1	25 42	16 40	19 40	19 43	4 49		n.a.
S 5	17 59	21 17	2 9	18 23	3 2	18 58	4 46	24 12	0 57	21 10	0 0	21 33	1 32	22 42	0 39	21 43	1 1	25 41	16 40	19 39	19 44	4 47		n.a.
S 6	17 42	20 47	0 54	18 41	2 50	19 6	4 39	24 9	0 58	21 10	0n 0	21 34	1 32	22 42	0 39	21 43	1 1	25 40	16 40	19 39	19 45	4 45		n.a.
M 7	17 26	18 55	0n25	18 58	2 37	19 13	4 33	24 5	0 58	21 11	0 0	21 35	1 32	22 42	0 39	21 43	1 1	25 40	16 40	19 39	19 46	4 43		n.a.
T 8	17 9	15 47	1 45	19 14	2 24	19 20	4 26	24 0	0 59	21 11	0 0	21 37	1 32	22 43	0 39	21 43	1 1	25 39	16 39	19 39	19 46	4 40		n.a.
W 9	16 51	11 35	2 58	19 30	2 10	19 26	4 20	23 56	0 59	21 11	0 0	21 38	1 32	22 43	0 39	21 44	1 1	25 38	16 39	19 40	19 47	4 38		n.a.
T 10	16 34	6 41	3 59	19 45	1 57	19 33	4 13	23 51	1 0	21 12	0 1	21 39	1 32	22 43	0 39	21 44	1 1	25 38	16 39	19 40	19 48	4 36		n.a.
F 11	16 16	1 26	4 44	19 58	1 43	19 39	4 7	23 46	1 0	21 12	0 1	21 40	1 32	22 44	0 39	21 44	1 1	25 37	16 39	19 40	19 49	4 34		n.a.
S 12	15 58	3s49	5 10	20 11	1 29	19 45	4 0	23 40	1 1	21 12	0 1	21 41	1 32	22 44	0 39	21 44	1 1	25 36	16 39	19 41	19 49	4 31		n.a.
S 13	15 39	8 46	5 16	20 22	1 15	19 51	3 53	23 35	1 1	21 13	0 1	21 42	1 32	22 44	0 39	21 44	1 1	25 36	16 39	19 41	19 50	4 29		n.a.
M14	15 21	13 8	5 3	20 32	1 2	19 56	3 47	23 29	1 2	21 13	0 1	21 43	1 32	22 45	0 39	21 44	1 1	25 35	16 39	19 41	19 51	4 27		n.a.
T 15	15 2	16 42	4 33	20 42	0 49	20 1	3 40	23 23	1 2	21 14	0 1	21 44	1 32	22 45	0 39	21 44	1 1	25 35	16 39	19 41	19 52	4 25		n.a.
W16	14 43	19 19	3 49	20 49	0 36	20 6	3 33	23 16	1 3	21 14	0 1	21 45	1 32	22 45	0 39	21 45	1 1	25 34	16 39	19 41	19 52	4 22		n.a.
T 17	14 23	20 52	2 54	20 56	0 23	20 10	3 27	23 10	1 3	21 15	0 1	21 46	1 32	22 46	0 38	21 45	1 1	25 33	16 39	19 40	19 53	4 20		n.a.
F 18	14 4	21 18	1 52	21 1	0 11	20 14	3 20	23 3	1 4	21 15	0 2	21 47	1 32	22 46	0 38	21 45	1 1	25 33	16 38	19 40	19 54	4 18		n.a.
S 19	13 44	20 39	0 45	21 5	0s 1	20 18	3 14	22 55	1 4	21 16	0 2	21 48	1 32	22 46	0 38	21 45	1 1	25 32	16 38	19 40	19 54	4 16		n.a.
S 20	13 24	19 0	0s23	21 8	0 12	20 21	3 7	22 48	1 5	21 17	0 2	21 49	1 32	22 47	0 38	21 45	1 1	25 31	16 38	19 40	19 55	4 13		n.a.
M21	13 4	16 29	1 29	21 9	0 23	20 24	3 0	22 40	1 5	21 17	0 2	21 50	1 32	22 47	0 38	21 45	1 1	25 31	16 38	19 40	19 56	4 11		n.a.
T 22	12 43	13 18	2 30	21 9	0 34	20 26	2 54	22 32	1 5	21 18	0 2	21 50	1 32	22 47	0 38	21 45	1 1	25 30	16 38	19 40	19 57	4 9		n.a.
W23	12 23	9 35	3 24	21 7	0 44	20 28	2 47	22 24	1 6	21 19	0 2	21 51	1 32	22 48	0 38	21 45	1 1	25 30	16 38	19 41	19 57	4 7		n.a.
T 24	12 2	5 32	4 9	21 4	0 54	20 29	2 41	22 15	1 6	21 20	0 2	21 52	1 32	22 48	0 38	21 45	1 1	25 29	16 38	19 42	19 58	4 4		n.a.
F 25	11 41	1 17	4 42	20 59	1 3	20 30	2 34	22 7	1 7	21 21	0 2	21 53	1 32	22 48	0 38	21 45	1 1	25 28	16 38	19 43	19 59	4 2		n.a.
S 26	11 20	3n 0	5 4	20 53	1 12	20 31	2 28	21 58	1 7	21 22	0 3	21 54	1 32	22 48	0 38	21 46	1 1	25 28	16 38	19 44	20 0	4 0		n.a.
S 27	10 59	7 12	5 13	20 46	1 20	20 30	2 22	21 49	1 8	21 22	0 3	21 55	1 32	22 49	0 38	21 46	1 1	25 27	16 38	19 45	20 0	3 57		n.a.
M28	10s37	11n 9	5s 8	20s37	1s28	20s30	2n15	21s39	1s 8	21n23	0n 3	21n55	1n32	22n49	0n38	21s46	1n 2	25s27	16s38	19n46	20n 1	3s55		n.a.

Julian Day Number = 1486233.5, Delta T = 05h18m31s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'59, Lahiri = -12°50'59 Julian Calendar 1 Feb. 644 BCE == Greg. Calendar 25 Jan. 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

MARCH 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 7 0	3♓46'23	25♉30	6♒29	17♑29	0♒15	4♊37	29°R58	20°R28	13♐51	4♓18	2°R57	1♌50	0♈20	n.a.	T 1
W 2	10 10 57	4°45'19	7♊57	7°40	18°27	1° 2	4°42	29♋55	20♋26	13°52	4°19	2°D56	1°46	0°27	n.a.	W 2
T 3	10 14 53	5°44'12	20°43	8°54	19°26	1°48	4°46	29°51	20°25	13°53	4°21	2♌57	1°43	0°34	n.a.	T 3
F 4	10 18 50	6°43'03	3♋53	10°10	20°26	2°35	4°51	29°48	20°23	13°53	4°22	2°59	1°40	0°40	n.a.	F 4
S 5	10 22 46	7°41'52	17°29	11°28	21°25	3°21	4°57	29°45	20°22	13°54	4°23	3° 0	1°37	0°47	n.a.	S 5
S 6	10 26 43	8°40'38	1♌33	12°48	22°25	4° 8	5° 2	29°42	20°20	13°55	4°25	3°R 1	1°34	0°54	n.a.	S 6
M 7	10 30 39	9°39'23	16° 4	14°10	23°26	4°54	5° 7	29°39	20°19	13°55	4°26	3° 0	1°31	1° 1	n.a.	M 7
T 8	10 34 36	10°38'04	0♍56	15°33	24°26	5°41	5°13	29°36	20°17	13°56	4°28	2°58	1°27	1° 7	n.a.	T 8
W 9	10 38 32	11°36'44	16° 4	16°59	25°27	6°27	5°19	29°33	20°16	13°56	4°29	2°54	1°24	1°14	n.a.	W 9
T 10	10 42 29	12°35'21	1♎18	18°26	26°29	7°14	5°25	29°30	20°15	13°57	4°31	2°48	1°21	1°21	n.a.	T 10
F 11	10 46 26	13°33'57	16°26	19°55	27°30	8° 0	5°31	29°27	20°13	13°57	4°32	2°42	1°18	1°27	n.a.	F 11
S 12	10 50 22	14°32'30	1♏21	21°26	28°32	8°47	5°37	29°24	20°12	13°57	4°34	2°37	1°15	1°34	n.a.	S 12
S 13	10 54 19	15°31'02	15°53	22°58	29°34	9°33	5°43	29°22	20°11	13°58	4°35	2°32	1°11	1°41	n.a.	S 13
M14	10 58 15	16°29'32	0♐ 0	24°32	0♒37	10°19	5°50	29°19	20°10	13°58	4°37	2°29	1° 8	1°47	n.a.	M14
T 15	11 2 12	17°28'01	13°41	26° 8	1°40	11° 6	5°57	29°17	20° 9	13°58	4°38	2°D28	1° 5	1°54	n.a.	T 15
W16	11 6 8	18°26'28	26°56	27°45	2°43	11°52	6° 3	29°15	20° 8	13°59	4°39	2°28	1° 2	2° 1	n.a.	W16
T 17	11 10 5	19°24'53	9♑48	29°24	3°46	12°38	6°10	29°12	20° 7	13°59	4°41	2°29	0°59	2° 8	n.a.	T 17
F 18	11 14 1	20°23'16	22°22	1♓ 5	4°49	13°25	6°18	29°10	20° 6	13°59	4°42	2°30	0°56	2°14	n.a.	F 18
S 19	11 17 58	21°21'38	4♒41	2°48	5°53	14°11	6°25	29° 8	20° 5	13°59	4°44	2°R31	0°52	2°21	n.a.	S 19
S 20	11 21 55	22°19'58	16°49	4°32	6°57	14°57	6°32	29° 6	20° 4	13°59	4°45	2°29	0°49	2°28	n.a.	S 20
M21	11 25 51	23°18'16	28°49	6°18	8° 1	15°43	6°40	29° 4	20° 3	14° 0	4°46	2°26	0°46	2°34	n.a.	M21
T 22	11 29 48	24°16'32	10♓44	8° 5	9° 5	16°29	6°47	29° 3	20° 3	14° 0	4°48	2°20	0°43	2°41	n.a.	T 22
W23	11 33 44	25°14'47	22°36	9°54	10°10	17°15	6°55	29° 1	20° 2	14°R 0	4°49	2°12	0°40	2°48	n.a.	W23
T 24	11 37 41	26°12'59	4♈27	11°45	11°15	18° 1	7° 3	29° 0	20° 1	14° 0	4°51	2° 3	0°36	2°55	n.a.	T 24
F 25	11 41 37	27°11'10	16°18	13°38	12°19	18°47	7°11	28°58	20° 1	14° 0	4°52	1°52	0°33	3° 1	n.a.	F 25
S 26	11 45 34	28° 9'18	28°12	15°32	13°24	19°33	7°19	28°57	20° 0	14° 0	4°53	1°41	0°30	3° 8	n.a.	S 26
S 27	11 49 30	29° 7'25	10♉ 9	17°28	14°30	20°19	7°27	28°56	20° 0	13°59	4°55	1°32	0°27	3°15	n.a.	S 27
M28	11 53 27	0♈ 5'30	22°13	19°26	15°35	21° 5	7°36	28°54	20° 0	13°59	4°56	1°24	0°24	3°21	n.a.	M28
T 29	11 57 23	1° 3'33	4♊26	21°25	16°41	21°51	7°44	28°53	19°59	13°59	4°57	1°18	0°21	3°28	n.a.	T 29
W30	12 1 20	2° 1'34	16°52	23°26	17°46	22°37	7°53	28°52	19°59	13°59	4°59	1°15	0°17	3°35	n.a.	W30
T 31	12 5 17	2♈59'33	29♊35	25♓28	18♒52	23♒23	8♊ 2	28♋52	19♋59	13♐59	5♓ 0	1°D14	0♌14	3♈41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s16	14n43	4s49	20s26	1s35	20s29	2n 9	21s29	1s 8	21n24	0n 3	21n56	1n32	22n49	0n38	21s46	1n 2	25s26	16s38	19n46	20n 2	3s53		n.a.
W 2	9 54	17 43	4 17	20 14	1 42	20 27	2 3	21 20	1 9	21 25	0 3	21 57	1 32	22 49	0 38	21 46	1 2	25 26	16 38	19 46	20 2	3 51		n.a.
T 3	9 32	19 56	3 31	20 1	1 48	20 25	1 56	21 9	1 9	21 26	0 3	21 58	1 32	22 50	0 38	21 46	1 2	25 25	16 38	19 46	20 3	3 48		n.a.
F 4	9 10	21 11	2 32	19 46	1 54	20 23	1 50	20 59	1 10	21 27	0 3	21 58	1 32	22 50	0 38	21 46	1 2	25 25	16 38	19 46	20 4	3 46		n.a.
S 5	8 48	21 14	1 24	19 29	1 59	20 20	1 44	20 49	1 10	21 28	0 3	21 59	1 32	22 50	0 38	21 46	1 2	25 24	16 38	19 46	20 5	3 44		n.a.
S 6	8 26	19 58	0 8	19 11	2 4	20 16	1 38	20 38	1 10	21 29	0 4	22 0	1 32	22 50	0 38	21 46	1 2	25 23	16 38	19 45	20 5	3 41		n.a.
M 7	8 3	17 22	1n11	18 51	2 8	20 12	1 32	20 27	1 11	21 31	0 4	22 0	1 32	22 50	0 38	21 46	1 2	25 23	16 38	19 45	20 6	3 39		n.a.
T 8	7 41	13 34	2 26	18 29	2 12	20 7	1 26	20 16	1 11	21 32	0 4	22 1	1 32	22 51	0 38	21 46	1 2	25 22	16 38	19 46	20 7	3 37		n.a.
W 9	7 18	8 50	3 33	18 6	2 15	20 2	1 20	20 4	1 12	21 33	0 4	22 2	1 32	22 51	0 38	21 46	1 2	25 22	16 38	19 47	20 7	3 35		n.a.
T 10	6 56	3 31	4 24	17 42	2 18	19 56	1 14	19 53	1 12	21 34	0 4	22 2	1 32	22 51	0 38	21 46	1 2	25 21	16 38	19 48	20 8	3 32		n.a.
F 11	6 33	1s59	4 57	17 15	2 20	19 50	1 9	19 41	1 12	21 35	0 4	22 3	1 32	22 51	0 38	21 46	1 2	25 21	16 38	19 50	20 9	3 30		n.a.
S 12	6 10	7 16	5 10	16 48	2 22	19 43	1 3	19 29	1 13	21 36	0 4	22 3	1 32	22 51	0 38	21 46	1 2	25 20	16 38	19 51	20 10	3 28		n.a.
S 13	5 47	12 1	5 1	16 18	2 23	19 35	0 57	19 17	1 13	21 38	0 4	22 4	1 32	22 51	0 38	21 46	1 2	25 20	16 38	19 52	20 10	3 25		n.a.
M14	5 24	15 57	4 35	15 47	2 24	19 27	0 52	19 4	1 13	21 39	0 4	22 4	1 32	22 52	0 38	21 46	1 2	25 19	16 39	19 53	20 11	3 23		n.a.
T 15	5 1	18 54	3 53	15 14	2 24	19 19	0 46	18 52	1 14	21 40	0 5	22 5	1 32	22 52	0 38	21 46	1 2	25 19	16 39	19 53	20 12	3 21		n.a.
W16	4 38	20 44	3 0	14 40	2 24	19 10	0 41	18 39	1 14	21 42	0 5	22 5	1 32	22 52	0 38	21 46	1 2	25 18	16 39	19 53	20 12	3 19		n.a.
T 17	4 15	21 25	2 0	14 4	2 23	19 0	0 36	18 26	1 14	21 43	0 5	22 6	1 32	22 52	0 38	21 46	1 2	25 18	16 39	19 53	20 13	3 16		n.a.
F 18	3 52	20 59	0 55	13 27	2 22	18 50	0 30	18 13	1 14	21 44	0 5	22 6	1 32	22 52	0 38	21 46	1 2	25 17	16 39	19 52	20 14	3 14		n.a.
S 19	3 28	19 33	0s12	12 47	2 20	18 39	0 25	18 0	1 15	21 46	0 5	22 6	1 32	22 52	0 38	21 46	1 2	25 17	16 39	19 52	20 14	3 12		n.a.
S 20	3 5	17 14	1 16	12 7	2 18	18 28	0 20	17 46	1 15	21 47	0 5	22 7	1 32	22 52	0 38	21 46	1 2	25 17	16 39	19 53	20 15	3 9		n.a.
M21	2 42	14 11	2 17	11 24	2 15	18 16	0 15	17 33	1 15	21 48	0 5	22 7	1 31	22 52	0 38	21 46	1 2	25 16	16 39	19 53	20 16	3 7		n.a.
T 22	2 18	10 35	3 11	10 40	2 11	18 4	0 10	17 19	1 16	21 50	0 5	22 7	1 31	22 53	0 38	21 46	1 2	25 16	16 39	19 55	20 17	3 5		n.a.
W23	1 55	6 34	3 56	9 55	2 7	17 51	0 5	17 5	1 16	21 51	0 5	22 8	1 31	22 53	0 38	21 46	1 2	25 15	16 39	19 57	20 17	3 2		n.a.
T 24	1 31	2 20	4 31	9 8	2 2	17 38	0 1	16 51	1 16	21 53	0 5	22 8	1 31	22 53	0 38	21 46	1 2	25 15	16 40	19 59	20 18	3 0		n.a.
F 25	1 8	1n59	4 54	8 19	1 57	17 24	0s 4	16 36	1 16	21 54	0 6	22 8	1 31	22 53	0 38	21 46	1 2	25 14	16 40	20 1	20 19	2 58		n.a.
S 26	0 45	6 15	5 4	7 29	1 52	17 10	0 9	16 22	1 17	21 56	0 6	22 8	1 31	22 53	0 38	21 46	1 2	25 14	16 40	20 4	20 19	2 55		n.a.
S 27	0 21	10 18	5 1	6 38	1 46	16 55	0 13	16 7	1 17	21 57	0 6	22 9	1 31	22 53	0 38	21 46	1 2	25 14	16 40	20 6	20 20	2 53		n.a.
M28	0n 2	13 59	4 45	5 45	1 39	16 40	0 18	15 53	1 17	21 59	0 6	22 9	1 31	22 53	0 38	21 46	1 2	25 13	16 40	20 8	20 21	2 51		n.a.
T 29	0 26	17 8	4 16	4 51	1 32	16 24	0 22	15 38	1 17	22 0	0 6	22 9	1 31	22 53	0 38	21 46	1 2	25 13	16 40	20 9	20 21	2 48		n.a.
W30	0 49	19 34	3 34	3 55	1 24	16 8	0 26	15 23	1 17	22 2	0 6	22 9	1 31	22 53	0 38	21 46	1 2	25 12	16 40	20 10	20 22	2 46		n.a.
T 31	1n12	21n 6	2s41	2s59	1s16	15s51	0s30	15s 8	1s18	22n 3	0n 6	22n 9	1n31	22n53	0n38	21s46	1n 2	25s12	16s41	20n10	20n23	2s44		n.a.

Julian Day Number = 1486261.5, Delta T = 05h18m29s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'56, Lahiri = -12°50'55 Julian Calendar 1 March 644 BCE == Greg. Calendar 22 Feb. 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

APRIL 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 9 13	3♈57'30	12♋38	27♓32	19♒58	24♒ 9	8♊11	28°R51	19°R58	13°R58	5♓ 1	1♌14	0♌11	3♈48	n.a.	F 1
S 2	12 13 10	4°55'25	26° 6	29°38	21° 5	24°54	8°20	28♋50	19♋58	13♐58	5° 3	1°R14	0° 8	3°55	n.a.	S 2
S 3	12 17 6	5°53'18	10♌ 1	1♈44	22°11	25°40	8°29	28°50	19°58	13°58	5° 4	1°14	0° 5	4° 2	n.a.	S 3
M 4	12 21 3	6°51'09	24°24	3°52	23°17	26°26	8°38	28°49	19°D58	13°57	5° 5	1°12	0° 2	4° 8	n.a.	M 4
T 5	12 24 59	7°48'58	9♍12	6° 1	24°24	27°11	8°47	28°49	19°58	13°57	5° 7	1° 8	29♋58	4°15	n.a.	T 5
W 6	12 28 56	8°46'46	24°20	8°10	25°31	27°57	8°57	28°49	19°58	13°57	5° 8	1° 1	29°55	4°22	n.a.	W 6
T 7	12 32 52	9°44'31	9♎38	10°20	26°38	28°42	9° 6	28°49	19°58	13°56	5° 9	0°52	29°52	4°28	n.a.	T 7
F 8	12 36 49	10°42'15	24°56	12°31	27°45	29°28	9°16	28°D49	19°59	13°56	5°10	0°42	29°49	4°35	n.a.	F 8
S 9	12 40 46	11°39'58	10♏ 3	14°41	28°52	0♓13	9°26	28°49	19°59	13°55	5°12	0°33	29°46	4°42	n.a.	S 9
S 10	12 44 42	12°37'40	24°48	16°52	29°59	0°59	9°35	28°49	19°59	13°55	5°13	0°24	29°42	4°49	n.a.	S 10
M11	12 48 39	13°35'20	9♐ 6	19° 2	1♓ 6	1°44	9°45	28°49	20° 0	13°54	5°14	0°18	29°39	4°55	n.a.	M11
T 12	12 52 35	14°32'59	22°54	21°11	2°14	2°29	9°55	28°50	20° 0	13°53	5°15	0°14	29°36	5° 2	n.a.	T 12
W13	12 56 32	15°30'37	6♑13	23°19	3°22	3°14	10° 5	28°50	20° 0	13°53	5°16	0°13	29°33	5° 9	n.a.	W13
T 14	13 0 28	16°28'14	19° 7	25°26	4°29	4° 0	10°16	28°51	20° 1	13°52	5°17	0°D12	29°30	5°15	n.a.	T 14
F 15	13 4 25	17°25'50	1♒38	27°31	5°37	4°45	10°26	28°52	20° 1	13°52	5°19	0°R12	29°27	5°22	n.a.	F 15
S 16	13 8 21	18°23'24	13°52	29°34	6°45	5°30	10°36	28°52	20° 2	13°51	5°20	0°12	29°23	5°29	n.a.	S 16
S 17	13 12 18	19°20'58	25°55	1♉36	7°53	6°15	10°47	28°53	20° 3	13°50	5°21	0° 9	29°20	5°36	n.a.	S 17
M18	13 16 15	20°18'30	7♓49	3°35	9° 1	7° 0	10°57	28°54	20° 3	13°49	5°22	0° 4	29°17	5°42	n.a.	M18
T 19	13 20 11	21°16'01	19°40	5°32	10°10	7°45	11° 8	28°55	20° 4	13°48	5°23	29♋57	29°14	5°49	n.a.	T 19
W20	13 24 8	22°13'32	1♈30	7°27	11°18	8°30	11°19	28°57	20° 5	13°48	5°24	29°46	29°11	5°56	n.a.	W20
T 21	13 28 4	23°11'01	13°21	9°19	12°26	9°15	11°30	28°58	20° 6	13°47	5°25	29°34	29° 7	6° 2	n.a.	T 21
F 22	13 32 1	24° 8'29	25°16	11° 8	13°35	10° 0	11°40	28°59	20° 7	13°46	5°26	29°20	29° 4	6° 9	n.a.	F 22
S 23	13 35 57	25° 5'56	7♉15	12°54	14°43	10°44	11°51	29° 1	20° 8	13°45	5°27	29° 6	29° 1	6°16	n.a.	S 23
S 24	13 39 54	26° 3'21	19°20	14°38	15°52	11°29	12° 2	29° 3	20° 9	13°44	5°28	28°53	28°58	6°23	n.a.	S 24
M25	13 43 50	27° 0'46	1♊32	16°19	17° 1	12°14	12°14	29° 4	20°10	13°43	5°29	28°43	28°55	6°29	n.a.	M25
T 26	13 47 47	27°58'09	13°53	17°56	18°10	12°58	12°25	29° 6	20°11	13°42	5°30	28°35	28°52	6°36	n.a.	T 26
W27	13 51 43	28°55'31	26°24	19°31	19°19	13°43	12°36	29° 8	20°12	13°41	5°31	28°29	28°48	6°43	n.a.	W27
T 28	13 55 40	29°52'52	9♋10	21° 3	20°28	14°27	12°47	29°10	20°14	13°40	5°32	28°27	28°45	6°49	n.a.	T 28
F 29	13 59 37	0♉50'12	22°13	22°32	21°37	15°12	12°59	29°12	20°15	13°39	5°33	28°26	28°42	6°56	n.a.	F 29
S 30	14 3 33	1♉47'30	5♌37	23♉58	22♓46	15♓56	13♊10	29♋14	20♋16	13♐38	5♓34	28♋26	28♋39	7♈ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n36	21n33	1s38	2s 1	1s 7	15s34	0s34	14s53	1s18	22n 5	0n 6	22n 9	1n31	22n53	0n38	21s46	1n 2	25s12	16s41	20n10	20n24	2s41		n.a.
S 2	1 59	20 46	0 27	1 2	0 58	15 16	0 38	14 37	1 18	22 6	0 6	22 9	1 31	22 53	0 38	21 46	1 2	25 11	16 41	20 10	20 24	2 39		n.a.
S 3	2 22	18 44	0n47	0 3	0 49	14 58	0 42	14 22	1 18	22 8	0 6	22 9	1 31	22 53	0 38	21 46	1 2	25 11	16 41	20 10	20 25	2 37		n.a.
M 4	2 45	15 27	2 0	0n58	0 39	14 40	0 46	14 6	1 18	22 9	0 7	22 9	1 31	22 53	0 38	21 46	1 2	25 11	16 41	20 10	20 26	2 34		n.a.
T 5	3 9	11 7	3 7	1 59	0 29	14 21	0 50	13 51	1 18	22 11	0 7	22 9	1 31	22 53	0 37	21 46	1 2	25 10	16 42	20 11	20 26	2 32		n.a.
W 6	3 32	6 0	4 3	3 0	0 19	14 2	0 53	13 35	1 19	22 13	0 7	22 9	1 30	22 53	0 37	21 46	1 2	25 10	16 42	20 13	20 27	2 30		n.a.
T 7	3 55	0 27	4 42	4 1	0 8	13 42	0 57	13 19	1 19	22 14	0 7	22 9	1 30	22 53	0 37	21 45	1 2	25 10	16 42	20 15	20 28	2 27		n.a.
F 8	4 18	5s 8	5 1	5 3	0n 2	13 22	1 0	13 3	1 19	22 16	0 7	22 9	1 30	22 53	0 37	21 45	1 2	25 10	16 42	20 17	20 28	2 25		n.a.
S 9	4 41	10 19	4 58	6 4	0 13	13 1	1 3	12 47	1 19	22 17	0 7	22 9	1 30	22 53	0 37	21 45	1 2	25 9	16 42	20 19	20 29	2 23		n.a.
S 10	5 3	14 47	4 36	7 5	0 24	12 40	1 7	12 31	1 19	22 19	0 7	22 9	1 30	22 53	0 37	21 45	1 2	25 9	16 43	20 21	20 30	2 20		n.a.
M11	5 26	18 14	3 56	8 5	0 34	12 19	1 10	12 14	1 19	22 20	0 7	22 9	1 30	22 52	0 37	21 45	1 2	25 9	16 43	20 22	20 30	2 18		n.a.
T 12	5 49	20 31	3 4	9 4	0 44	11 57	1 13	11 58	1 19	22 22	0 7	22 9	1 30	22 52	0 37	21 45	1 3	25 8	16 43	20 23	20 31	2 16		n.a.
W13	6 11	21 34	2 4	10 1	0 55	11 35	1 16	11 41	1 19	22 24	0 7	22 9	1 30	22 52	0 37	21 45	1 3	25 8	16 43	20 23	20 32	2 13		n.a.
T 14	6 34	21 25	0 59	10 58	1 4	11 13	1 18	11 25	1 20	22 25	0 8	22 8	1 30	22 52	0 37	21 45	1 3	25 8	16 43	20 23	20 32	2 11		n.a.
F 15	6 56	20 12	0s 8	11 53	1 14	10 50	1 21	11 8	1 20	22 27	0 8	22 8	1 30	22 52	0 37	21 45	1 3	25 8	16 44	20 23	20 33	2 9		n.a.
S 16	7 18	18 2	1 12	12 46	1 23	10 27	1 24	10 51	1 20	22 28	0 8	22 8	1 30	22 52	0 37	21 45	1 3	25 8	16 44	20 23	20 34	2 6		n.a.
S 17	7 41	15 7	2 12	13 37	1 31	10 4	1 26	10 34	1 20	22 30	0 8	22 8	1 30	22 52	0 37	21 45	1 3	25 7	16 44	20 24	20 34	2 4		n.a.
M18	8 3	11 36	3 5	14 26	1 39	9 40	1 29	10 18	1 20	22 32	0 8	22 7	1 30	22 52	0 37	21 44	1 3	25 7	16 44	20 25	20 35	2 2		n.a.
T 19	8 24	7 39	3 50	15 13	1 46	9 16	1 31	10 1	1 20	22 33	0 8	22 7	1 29	22 52	0 37	21 44	1 3	25 7	16 45	20 27	20 36	1 59		n.a.
W20	8 46	3 26	4 25	15 58	1 53	8 52	1 33	9 44	1 20	22 35	0 8	22 7	1 29	22 51	0 37	21 44	1 3	25 7	16 45	20 29	20 36	1 57		n.a.
T 21	9 8	0n56	4 48	16 40	1 59	8 27	1 35	9 27	1 20	22 37	0 8	22 6	1 29	22 51	0 37	21 44	1 3	25 7	16 45	20 32	20 37	1 54		n.a.
F 22	9 29	5 16	4 59	17 21	2 5	8 2	1 37	9 9	1 20	22 38	0 8	22 6	1 29	22 51	0 37	21 44	1 3	25 6	16 46	20 34	20 38	1 52		n.a.
S 23	9 51	9 27	4 57	17 59	2 9	7 37	1 39	8 52	1 20	22 40	0 8	22 6	1 29	22 51	0 37	21 44	1 3	25 6	16 46	20 37	20 38	1 50		n.a.
S 24	10 12	13 18	4 41	18 34	2 13	7 12	1 41	8 35	1 20	22 41	0 8	22 5	1 29	22 51	0 37	21 44	1 3	25 6	16 46	20 40	20 39	1 47		n.a.
M25	10 33	16 38	4 13	19 7	2 16	6 46	1 43	8 18	1 20	22 43	0 9	22 5	1 29	22 51	0 37	21 44	1 3	25 6	16 46	20 42	20 40	1 45		n.a.
T 26	10 54	19 16	3 32	19 38	2 19	6 20	1 44	8 0	1 20	22 44	0 9	22 4	1 29	22 50	0 37	21 43	1 3	25 6	16 47	20 44	20 40	1 43		n.a.
W27	11 15	21 3	2 40	20 6	2 20	5 54	1 46	7 43	1 20	22 46	0 9	22 4	1 29	22 50	0 37	21 43	1 3	25 6	16 47	20 45	20 41	1 40		n.a.
T 28	11 35	21 47	1 40	20 32	2 21	5 28	1 47	7 26	1 20	22 48	0 9	22 3	1 29	22 50	0 37	21 43	1 3	25 6	16 47	20 45	20 42	1 38		n.a.
F 29	11 55	21 22	0 33	20 56	2 21	5 2	1 49	7 8	1 20	22 49	0 9	22 3	1 29	22 50	0 37	21 43	1 3	25 6	16 48	20 46	20 42	1 35		n.a.
S 30	12n16	19n44	0n38	21n18	2n21	4s35	1s50	6s51	1s20	22n51	0n 9	22n 2	1n29	22n49	0n37	21s43	1n 3	25s 6	16s48	20n46	20n43	1s33		n.a.

Julian Day Number = 1486292.5, Delta T = 05h18m28s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'51, Lahiri = -12°50'51 Julian Calendar 1 Apr. 644 BCE == Greg. Calendar 25 March 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

MAY 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 7 30	2♉44'48	19♌23	25♉21	23♓55	16♓40	13♊22	29♋17	20♋18	13°R37	5♓35	28°R25	28♋36	7♈10	n.a.	S 1
M 2	14 11 26	3°42'04	3♍34	26°40	25° 5	17°25	13°34	29°19	20°19	13♐36	5°36	28♋23	28°33	7°16	n.a.	M 2
T 3	14 15 23	4°39'19	18° 9	27°57	26°14	18° 9	13°45	29°22	20°20	13°35	5°37	28°19	28°29	7°23	n.a.	T 3
W 4	14 19 19	5°36'32	3♎ 3	29°10	27°23	18°53	13°57	29°24	20°22	13°33	5°37	28°12	28°26	7°30	n.a.	W 4
T 5	14 23 16	6°33'45	18°10	0♊20	28°33	19°37	14° 9	29°27	20°24	13°32	5°38	28° 2	28°23	7°36	n.a.	T 5
F 6	14 27 12	7°30'57	3♏20	1°27	29°42	20°21	14°21	29°30	20°25	13°31	5°39	27°52	28°20	7°43	n.a.	F 6
S 7	14 31 9	8°28'09	18°23	2°30	0♈52	21° 5	14°33	29°33	20°27	13°30	5°40	27°41	28°17	7°50	n.a.	S 7
S 8	14 35 6	9°25'19	3♐ 9	3°30	2° 2	21°49	14°44	29°36	20°29	13°28	5°41	27°32	28°13	7°56	n.a.	S 8
M 9	14 39 2	10°22'30	17°30	4°26	3°12	22°32	14°57	29°39	20°30	13°27	5°41	27°25	28°10	8° 3	n.a.	M 9
T 10	14 42 59	11°19'39	1♑24	5°19	4°22	23°16	15° 9	29°42	20°32	13°26	5°42	27°20	28° 7	8°10	n.a.	T 10
W11	14 46 55	12°16'49	14°48	6° 8	5°32	24° 0	15°21	29°45	20°34	13°25	5°43	27°18	28° 4	8°17	n.a.	W11
T 12	14 50 52	13°13'58	27°45	6°53	6°42	24°44	15°33	29°48	20°36	13°23	5°43	27°D18	28° 1	8°23	n.a.	T 12
F 13	14 54 48	14°11'07	10♒19	7°34	7°52	25°27	15°45	29°52	20°38	13°22	5°44	27°R18	27°58	8°30	n.a.	F 13
S 14	14 58 45	15° 8'16	22°35	8°11	9° 2	26°11	15°58	29°55	20°40	13°21	5°45	27°18	27°54	8°37	n.a.	S 14
S 15	15 2 42	16° 5'24	4♓37	8°44	10°12	26°54	16°10	29°59	20°42	13°19	5°45	27°16	27°51	8°44	n.a.	S 15
M16	15 6 38	17° 2'33	16°31	9°13	11°22	27°37	16°22	0♌ 3	20°44	13°18	5°46	27°12	27°48	8°50	n.a.	M16
T 17	15 10 35	17°59'41	28°22	9°38	12°33	28°21	16°35	0° 6	20°46	13°16	5°47	27° 6	27°45	8°57	n.a.	T 17
W18	15 14 31	18°56'49	10♈13	9°58	13°43	29° 4	16°47	0°10	20°48	13°15	5°47	26°58	27°42	9° 4	n.a.	W18
T 19	15 18 28	19°53'57	22° 7	10°14	14°53	29°47	17° 0	0°14	20°51	13°13	5°48	26°47	27°39	9°10	n.a.	T 19
F 20	15 22 24	20°51'04	4♉ 6	10°25	16° 4	0♈30	17°12	0°18	20°53	13°12	5°48	26°35	27°35	9°17	n.a.	F 20
S 21	15 26 21	21°48'12	16°14	10°32	17°14	1°13	17°25	0°22	20°55	13°11	5°49	26°23	27°32	9°24	n.a.	S 21
S 22	15 30 17	22°45'19	28°29	10°R34	18°25	1°56	17°38	0°26	20°57	13° 9	5°49	26°12	27°29	9°31	n.a.	S 22
M23	15 34 14	23°42'26	10♊54	10°32	19°36	2°39	17°50	0°31	21° 0	13° 8	5°50	26° 3	27°26	9°37	n.a.	M23
T 24	15 38 11	24°39'33	23°29	10°25	20°46	3°22	18° 3	0°35	21° 2	13° 6	5°50	25°57	27°23	9°44	n.a.	T 24
W25	15 42 7	25°36'40	6♋15	10°13	21°57	4° 4	18°16	0°39	21° 5	13° 5	5°51	25°53	27°19	9°51	n.a.	W25
T 26	15 46 4	26°33'47	19°13	9°58	23° 8	4°47	18°29	0°44	21° 7	13° 3	5°51	25°51	27°16	9°57	n.a.	T 26
F 27	15 50 0	27°30'53	2♌25	9°38	24°19	5°30	18°41	0°48	21°10	13° 1	5°51	25°D51	27°13	10° 4	n.a.	F 27
S 28	15 53 57	28°27'59	15°53	9°15	25°30	6°12	18°54	0°53	21°12	13° 0	5°52	25°51	27°10	10°11	n.a.	S 28
S 29	15 57 53	29°25'05	29°38	8°48	26°41	6°54	19° 7	0°58	21°15	12°58	5°52	25°R52	27° 7	10°18	n.a.	S 29
M30	16 1 50	0♊22'10	13♍41	8°18	27°52	7°37	19°20	1° 3	21°18	12°57	5°52	25°51	27° 4	10°24	n.a.	M30
T 31	16 5 46	1♊19'15	28♍ 1	7♊45	29♈ 3	8♈19	19♊33	1♌ 7	21♋20	12♐55	5♓53	25♋48	27♋ 0	10♈31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n36	16n55	1n48	21n37	2n19	4s 9	1s51	6s33	1s20	22n52	0n 9	22n 2	1n28	22n49	0n37	21s43	1n 3	25s 5	16s48	20n46	20n44	1s31		n.a.
M 2	12 55	13 2	2 54	21 54	2 17	3 42	1 52	6 16	1 20	22 54	0 9	22 1	1 28	22 49	0 37	21 43	1 3	25 5	16 48	20 46	20 44	1 28		n.a.
T 3	13 15	8 17	3 51	22 9	2 14	3 15	1 53	5 58	1 20	22 55	0 9	22 0	1 28	22 49	0 37	21 42	1 3	25 5	16 49	20 47	20 45	1 26		n.a.
W 4	13 34	2 56	4 33	22 22	2 10	2 47	1 54	5 40	1 20	22 57	0 9	22 0	1 28	22 48	0 37	21 42	1 3	25 5	16 49	20 49	20 46	1 24		n.a.
T 5	13 54	2s40	4 56	22 33	2 6	2 20	1 55	5 23	1 19	22 58	0 10	21 59	1 28	22 48	0 37	21 42	1 3	25 5	16 49	20 51	20 46	1 21		n.a.
F 6	14 13	8 7	4 59	22 42	2 0	1 53	1 55	5 5	1 19	23 0	0 10	21 58	1 28	22 48	0 37	21 42	1 3	25 5	16 50	20 53	20 47	1 19		n.a.
S 7	14 31	13 2	4 42	22 49	1 54	1 25	1 56	4 48	1 19	23 1	0 10	21 58	1 28	22 48	0 37	21 42	1 3	25 5	16 50	20 55	20 48	1 16		n.a.
S 8	14 50	17 4	4 5	22 54	1 47	0 57	1 56	4 30	1 19	23 3	0 10	21 57	1 28	22 47	0 37	21 42	1 3	25 5	16 50	20 57	20 48	1 14		n.a.
M 9	15 8	19 57	3 14	22 57	1 40	0 30	1 57	4 12	1 19	23 4	0 10	21 56	1 28	22 47	0 37	21 41	1 3	25 5	16 51	20 58	20 49	1 12		n.a.
T 10	15 26	21 33	2 13	22 59	1 31	0 2	1 57	3 55	1 19	23 6	0 10	21 56	1 28	22 47	0 37	21 41	1 3	25 5	16 51	20 59	20 50	1 9		n.a.
W11	15 44	21 51	1 6	22 58	1 22	0n26	1 57	3 37	1 19	23 7	0 10	21 55	1 28	22 46	0 37	21 41	1 3	25 5	16 51	20 59	20 50	1 7		n.a.
T 12	16 2	20 56	0s 2	22 57	1 12	0 54	1 58	3 19	1 19	23 9	0 10	21 54	1 28	22 46	0 36	21 41	1 3	25 5	16 52	20 59	20 51	1 4		n.a.
F 13	16 19	19 0	1 9	22 53	1 1	1 22	1 58	3 2	1 18	23 10	0 10	21 53	1 28	22 46	0 36	21 41	1 3	25 5	16 52	20 59	20 51	1 2		n.a.
S 14	16 36	16 13	2 10	22 48	0 50	1 50	1 58	2 44	1 18	23 11	0 10	21 52	1 28	22 45	0 36	21 41	1 3	25 6	16 52	20 59	20 52	1 0		n.a.
S 15	16 53	12 48	3 4	22 42	0 38	2 18	1 57	2 26	1 18	23 13	0 10	21 52	1 27	22 45	0 36	21 40	1 3	25 6	16 53	21 0	20 53	0 57		n.a.
M16	17 9	8 55	3 50	22 34	0 25	2 46	1 57	2 9	1 18	23 14	0 11	21 51	1 27	22 45	0 36	21 40	1 3	25 6	16 53	21 0	20 53	0 55		n.a.
T 17	17 26	4 43	4 26	22 24	0 12	3 14	1 57	1 51	1 18	23 16	0 11	21 50	1 27	22 44	0 36	21 40	1 3	25 6	16 53	21 2	20 54	0 52		n.a.
W18	17 42	0 20	4 50	22 13	0s 2	3 42	1 56	1 34	1 18	23 17	0 11	21 49	1 27	22 44	0 36	21 40	1 3	25 6	16 54	21 3	20 55	0 50		n.a.
T 19	17 58	4n 5	5 1	22 2	0 16	4 10	1 56	1 16	1 17	23 18	0 11	21 48	1 27	22 44	0 36	21 40	1 3	25 6	16 54	21 5	20 55	0 48		n.a.
F 20	18 13	8 22	5 0	21 48	0 31	4 38	1 55	0 58	1 17	23 20	0 11	21 47	1 27	22 43	0 36	21 39	1 3	25 6	16 54	21 8	20 56	0 45		n.a.
S 21	18 28	12 23	4 45	21 34	0 46	5 6	1 55	0 41	1 17	23 21	0 11	21 46	1 27	22 43	0 36	21 39	1 3	25 6	16 55	21 10	20 57	0 43		n.a.
S 22	18 43	15 56	4 16	21 19	1 2	5 34	1 54	0 23	1 17	23 22	0 11	21 45	1 27	22 43	0 36	21 39	1 3	25 6	16 55	21 12	20 57	0 40		n.a.
M23	18 58	18 50	3 36	21 3	1 18	6 1	1 53	0 6	1 16	23 23	0 11	21 44	1 27	22 42	0 36	21 39	1 3	25 6	16 56	21 14	20 58	0 38		n.a.
T 24	19 12	20 53	2 44	20 46	1 34	6 29	1 52	0n12	1 16	23 25	0 11	21 43	1 27	22 42	0 36	21 39	1 3	25 7	16 56	21 15	20 58	0 36		n.a.
W25	19 26	21 55	1 43	20 28	1 50	6 57	1 52	0 29	1 16	23 26	0 11	21 42	1 27	22 41	0 36	21 39	1 3	25 7	16 56	21 16	20 59	0 33		n.a.
T 26	19 39	21 47	0 35	20 10	2 7	7 24	1 51	0 46	1 16	23 27	0 11	21 41	1 27	22 41	0 36	21 38	1 3	25 7	16 57	21 16	21 0	0 31		n.a.
F 27	19 53	20 28	0n35	19 51	2 22	7 52	1 49	1 4	1 15	23 28	0 12	21 40	1 27	22 41	0 36	21 38	1 3	25 7	16 57	21 16	21 0	0 28		n.a.
S 28	20 6	17 58	1 45	19 32	2 38	8 19	1 48	1 21	1 15	23 30	0 12	21 39	1 27	22 40	0 36	21 38	1 3	25 7	16 57	21 16	21 1	0 26		n.a.
S 29	20 18	14 25	2 51	19 13	2 53	8 46	1 47	1 38	1 15	23 31	0 12	21 38	1 27	22 40	0 36	21 38	1 3	25 8	16 58	21 16	21 2	0 23		n.a.
M30	20 31	10 0	3 47	18 54	3 8	9 13	1 46	1 55	1 15	23 32	0 12	21 37	1 27	22 39	0 36	21 38	1 3	25 8	16 58	21 16	21 2	0 21		n.a.
T 31	20n43	4n56	4n31	18n36	3s21	9n40	1s44	2n13	1s14	23n33	0n12	21n35	1n26	22n39	0n36	21s37	1n 3	25s 8	16s58	21n17	21n 3	0s19		n.a.

Julian Day Number = 1486322.5, Delta T = 05h18m26s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'47, Lahiri = -12°50'47 Julian Calendar 1 May 644 BCE == Greg. Calendar 24 Apr. 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

JUNE 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 9 43	2♊16'20	12♎37	7°R10	0♉14	9♈ 1	19♊46	1♌12	21♋23	12°R54	5♓53	25°R44	26♋57	10♈38	n.a.	W 1
T 2	16 13 40	3°13'25	27°23	6♊34	1°25	9°43	19°59	1°17	21°26	12♐52	5°53	25♋37	26°54	10°44	n.a.	T 2
F 3	16 17 36	4°10'30	12♏12	5°56	2°36	10°25	20°12	1°22	21°29	12°50	5°53	25°30	26°51	10°51	n.a.	F 3
S 4	16 21 33	5° 7'35	26°56	5°19	3°48	11° 7	20°25	1°28	21°31	12°49	5°54	25°22	26°48	10°58	n.a.	S 4
S 5	16 25 29	6° 4'40	11♐28	4°41	4°59	11°49	20°38	1°33	21°34	12°47	5°54	25°15	26°44	11° 5	n.a.	S 5
M 6	16 29 26	7° 1'46	25°41	4° 5	6°10	12°31	20°51	1°38	21°37	12°46	5°54	25°10	26°41	11°11	n.a.	M 6
T 7	16 33 22	7°58'52	9♑30	3°30	7°22	13°13	21° 4	1°43	21°40	12°44	5°54	25° 7	26°38	11°18	n.a.	T 7
W 8	16 37 19	8°55'59	22°53	2°57	8°33	13°54	21°18	1°49	21°43	12°42	5°54	25°D 6	26°35	11°25	n.a.	W 8
T 9	16 41 16	9°53'06	5♒52	2°28	9°45	14°36	21°31	1°54	21°46	12°41	5°54	25° 7	26°32	11°31	n.a.	T 9
F 10	16 45 12	10°50'14	18°29	2° 1	10°57	15°17	21°44	2° 0	21°49	12°39	5°54	25° 8	26°29	11°38	n.a.	F 10
S 11	16 49 9	11°47'22	0♓47	1°39	12° 8	15°59	21°57	2° 5	21°52	12°38	5°54	25° 9	26°25	11°45	n.a.	S 11
S 12	16 53 5	12°44'31	12°52	1°20	13°20	16°40	22°10	2°11	21°55	12°36	5°54	25°R10	26°22	11°52	n.a.	S 12
M13	16 57 2	13°41'41	24°48	1° 7	14°32	17°21	22°24	2°17	21°58	12°34	5°R54	25° 9	26°19	11°58	n.a.	M13
T 14	17 0 58	14°38'52	6♈40	0°58	15°43	18° 2	22°37	2°22	22° 2	12°33	5°54	25° 7	26°16	12° 5	n.a.	T 14
W15	17 4 55	15°36'04	18°33	0°D55	16°55	18°43	22°50	2°28	22° 5	12°31	5°54	25° 3	26°13	12°12	n.a.	W15
T 16	17 8 51	16°33'16	0♉31	0°57	18° 7	19°24	23° 3	2°34	22° 8	12°29	5°54	24°57	26°10	12°19	n.a.	T 16
F 17	17 12 48	17°30'30	12°36	1° 4	19°19	20° 5	23°17	2°40	22°11	12°28	5°54	24°51	26° 6	12°25	n.a.	F 17
S 18	17 16 45	18°27'44	24°52	1°18	20°31	20°46	23°30	2°46	22°14	12°26	5°54	24°44	26° 3	12°32	n.a.	S 18
S 19	17 20 41	19°24'59	7♊19	1°37	21°43	21°26	23°43	2°52	22°18	12°25	5°54	24°38	26° 0	12°39	n.a.	S 19
M20	17 24 38	20°22'15	20° 0	2° 2	22°55	22° 7	23°56	2°58	22°21	12°23	5°54	24°34	25°57	12°45	n.a.	M20
T 21	17 28 34	21°19'32	2♋53	2°33	24° 7	22°48	24°10	3° 4	22°24	12°21	5°54	24°30	25°54	12°52	n.a.	T 21
W22	17 32 31	22°16'49	15°59	3° 9	25°20	23°28	24°23	3°11	22°28	12°20	5°54	24°28	25°50	12°59	n.a.	W22
T 23	17 36 27	23°14'08	29°18	3°52	26°32	24° 8	24°36	3°17	22°31	12°18	5°53	24°D28	25°47	13° 6	n.a.	T 23
F 24	17 40 24	24°11'27	12♌49	4°40	27°44	24°48	24°50	3°23	22°34	12°17	5°53	24°29	25°44	13°12	n.a.	F 24
S 25	17 44 21	25° 8'46	26°31	5°33	28°57	25°28	25° 3	3°29	22°38	12°15	5°53	24°31	25°41	13°19	n.a.	S 25
S 26	17 48 17	26° 6'07	10♍25	6°33	0♊ 9	26° 8	25°16	3°36	22°41	12°13	5°53	24°32	25°38	13°26	n.a.	S 26
M27	17 52 14	27° 3'27	24°29	7°38	1°21	26°48	25°30	3°42	22°45	12°12	5°52	24°R33	25°35	13°32	n.a.	M27
T 28	17 56 10	28° 0'49	8♎42	8°48	2°34	27°28	25°43	3°49	22°48	12°10	5°52	24°32	25°31	13°39	n.a.	T 28
W29	18 0 7	28°58'11	23° 2	10° 3	3°46	28° 8	25°56	3°55	22°52	12° 9	5°52	24°31	25°28	13°46	n.a.	W29
T 30	18 4 3	29♊55'34	7♏26	11♊24	4♊59	28♈47	26♊ 9	4♌ 2	22♋55	12♐ 7	5♓51	24♋28	25♋25	13♈53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n54	0s29	4n58	18n17	3s34	10n 6	1s43	2n30	1s14	23n34	0n12	21n34	1n26	22n38	0n36	21s37	1n 3	25s 8	16s59	21n18	21n 3	0s16		n.a.
T 2	21 6	5 56	5 6	18 0	3 46	10 33	1 41	2 47	1 14	23 35	0 12	21 33	1 26	22 38	0 36	21 37	1 3	25 9	16 59	21 19	21 4	0 14		n.a.
F 3	21 16	11 3	4 53	17 43	3 57	10 59	1 40	3 4	1 13	23 36	0 12	21 32	1 26	22 37	0 36	21 37	1 3	25 9	17 0	21 20	21 5	0 11		n.a.
S 4	21 27	15 30	4 21	17 27	4 6	11 25	1 38	3 21	1 13	23 37	0 12	21 31	1 26	22 37	0 36	21 37	1 3	25 9	17 0	21 22	21 5	0 9		n.a.
S 5	21 37	18 57	3 33	17 13	4 14	11 51	1 37	3 37	1 13	23 38	0 12	21 30	1 26	22 36	0 36	21 36	1 3	25 9	17 0	21 23	21 6	0 7		n.a.
M 6	21 47	21 10	2 32	17 0	4 20	12 16	1 35	3 54	1 12	23 40	0 12	21 28	1 26	22 36	0 36	21 36	1 3	25 10	17 1	21 24	21 7	0 4		n.a.
T 7	21 57	22 3	1 23	16 48	4 25	12 42	1 33	4 11	1 12	23 41	0 13	21 27	1 26	22 36	0 36	21 36	1 3	25 10	17 1	21 24	21 7	0 2		n.a.
W 8	22 6	21 36	0 12	16 39	4 28	13 7	1 31	4 28	1 12	23 41	0 13	21 26	1 26	22 35	0 36	21 36	1 3	25 10	17 1	21 25	21 8	0n 1		n.a.
T 9	22 14	20 0	0s58	16 32	4 30	13 31	1 29	4 44	1 11	23 42	0 13	21 24	1 26	22 35	0 36	21 36	1 3	25 10	17 2	21 24	21 8	0 3		n.a.
F 10	22 23	17 27	2 3	16 26	4 30	13 56	1 27	5 1	1 11	23 43	0 13	21 23	1 26	22 34	0 36	21 35	1 3	25 11	17 2	21 24	21 9	0 6		n.a.
S 11	22 31	14 10	3 1	16 23	4 29	14 20	1 26	5 17	1 10	23 44	0 13	21 22	1 26	22 33	0 36	21 35	1 3	25 11	17 3	21 24	21 10	0 8		n.a.
S 12	22 38	10 21	3 50	16 22	4 26	14 44	1 23	5 34	1 10	23 45	0 13	21 20	1 26	22 33	0 36	21 35	1 3	25 11	17 3	21 24	21 10	0 11		n.a.
M13	22 46	6 11	4 28	16 24	4 22	15 8	1 21	5 50	1 10	23 46	0 13	21 19	1 26	22 32	0 36	21 35	1 3	25 12	17 3	21 24	21 11	0 13		n.a.
T 14	22 52	1 48	4 54	16 27	4 17	15 31	1 19	6 6	1 9	23 47	0 13	21 18	1 26	22 32	0 36	21 35	1 3	25 12	17 4	21 24	21 11	0 15		n.a.
W15	22 59	2n38	5 8	16 33	4 10	15 54	1 17	6 23	1 9	23 48	0 13	21 16	1 26	22 31	0 36	21 34	1 3	25 12	17 4	21 25	21 12	0 18		n.a.
T 16	23 5	7 0	5 8	16 41	4 2	16 16	1 15	6 39	1 8	23 49	0 13	21 15	1 26	22 31	0 36	21 34	1 3	25 13	17 4	21 26	21 13	0 20		n.a.
F 17	23 11	11 9	4 55	16 51	3 53	16 38	1 13	6 55	1 8	23 49	0 14	21 14	1 26	22 30	0 36	21 34	1 3	25 13	17 5	21 27	21 13	0 23		n.a.
S 18	23 16	14 54	4 29	17 4	3 43	17 0	1 10	7 11	1 7	23 50	0 14	21 12	1 26	22 30	0 36	21 34	1 3	25 14	17 5	21 29	21 14	0 25		n.a.
S 19	23 21	18 5	3 49	17 18	3 32	17 21	1 8	7 26	1 7	23 51	0 14	21 11	1 26	22 29	0 36	21 34	1 3	25 14	17 5	21 30	21 14	0 28		n.a.
M20	23 25	20 27	2 57	17 34	3 21	17 42	1 6	7 42	1 7	23 52	0 14	21 9	1 26	22 29	0 36	21 33	1 3	25 14	17 6	21 30	21 15	0 30		n.a.
T 21	23 29	21 49	1 55	17 52	3 9	18 3	1 3	7 58	1 6	23 52	0 14	21 8	1 26	22 28	0 36	21 33	1 3	25 15	17 6	21 31	21 16	0 32		n.a.
W22	23 33	22 2	0 46	18 12	2 56	18 23	1 1	8 13	1 6	23 53	0 14	21 6	1 26	22 28	0 36	21 33	1 3	25 15	17 7	21 31	21 16	0 35		n.a.
T 23	23 36	21 1	0n26	18 33	2 43	18 42	0 58	8 29	1 5	23 54	0 14	21 5	1 26	22 27	0 36	21 33	1 3	25 16	17 7	21 31	21 17	0 37		n.a.
F 24	23 39	18 46	1 39	18 55	2 29	19 1	0 56	8 44	1 5	23 54	0 14	21 3	1 26	22 26	0 36	21 33	1 3	25 16	17 7	21 31	21 17	0 40		n.a.
S 25	23 41	15 27	2 47	19 19	2 15	19 20	0 53	8 59	1 4	23 55	0 14	21 2	1 26	22 26	0 36	21 32	1 3	25 16	17 8	21 31	21 18	0 42		n.a.
S 26	23 43	11 14	3 45	19 43	2 1	19 38	0 51	9 15	1 4	23 56	0 14	21 0	1 26	22 25	0 36	21 32	1 3	25 17	17 8	21 31	21 19	0 45		n.a.
M27	23 44	6 22	4 32	20 8	1 47	19 56	0 48	9 30	1 3	23 56	0 15	20 59	1 26	22 25	0 36	21 32	1 3	25 17	17 8	21 31	21 19	0 47		n.a.
T 28	23 45	1 7	5 2	20 33	1 33	20 13	0 46	9 45	1 3	23 57	0 15	20 57	1 26	22 24	0 36	21 32	1 3	25 18	17 9	21 31	21 20	0 50		n.a.
W29	23 46	4s14	5 14	20 59	1 18	20 30	0 43	10 0	1 2	23 57	0 15	20 56	1 26	22 23	0 36	21 32	1 3	25 18	17 9	21 31	21 20	0 52		n.a.
T 30	23n46	9s22	5n 6	21n24	1s 4	20n46	0s40	10n14	1s 1	23n58	0n15	20n54	1n26	22n23	0n36	21s31	1n 3	25s19	17s 9	21n31	21n21	0n55		n.a.

Julian Day Number = 1486353.5, Delta T = 05h18m25s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'43, Lahiri = -12°50'43 Julian Calendar 1 June 644 BCE == Greg. Calendar 25 May 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

JULY 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 8 0	0♋52'58	21♏49	12♊49	6♊12	29♈27	26♊23	4♌ 8	22♋59	12°R 6	5°R51	24°R25	25♋22	13♈59	n.a.	F 1
S 2	18 11 56	1°50'23	6♐ 6	14°19	7°24	0♉ 6	26°36	4°15	23° 2	12♐ 4	5♓50	24♋22	25°19	14° 6	n.a.	S 2
S 3	18 15 53	2°47'49	20°13	15°54	8°37	0°46	26°49	4°22	23° 6	12° 3	5°50	24°19	25°16	14°13	n.a.	S 3
M 4	18 19 50	3°45'17	4♑ 6	17°32	9°50	1°25	27° 2	4°29	23°10	12° 1	5°50	24°17	25°12	14°20	n.a.	M 4
T 5	18 23 46	4°42'45	17°40	19°15	11° 2	2° 4	27°16	4°35	23°13	12° 0	5°49	24°16	25° 9	14°26	n.a.	T 5
W 6	18 27 43	5°40'15	0♒54	21° 1	12°15	2°43	27°29	4°42	23°17	11°58	5°49	24°D16	25° 6	14°33	n.a.	W 6
T 7	18 31 39	6°37'46	13°48	22°50	13°28	3°22	27°42	4°49	23°20	11°57	5°48	24°17	25° 3	14°40	n.a.	T 7
F 8	18 35 36	7°35'18	26°24	24°42	14°41	4° 0	27°55	4°56	23°24	11°56	5°48	24°18	25° 0	14°46	n.a.	F 8
S 9	18 39 32	8°32'52	8♓43	26°37	15°54	4°39	28° 9	5° 3	23°28	11°54	5°47	24°20	24°56	14°53	n.a.	S 9
S 10	18 43 29	9°30'28	20°49	28°34	17° 7	5°18	28°22	5°10	23°31	11°53	5°47	24°21	24°53	15° 0	n.a.	S 10
M11	18 47 25	10°28'05	2♈46	0♋32	18°20	5°56	28°35	5°17	23°35	11°51	5°46	24°22	24°50	15° 7	n.a.	M11
T 12	18 51 22	11°25'44	14°40	2°32	19°33	6°34	28°48	5°24	23°39	11°50	5°45	24°R22	24°47	15°13	n.a.	T 12
W13	18 55 19	12°23'24	26°34	4°32	20°47	7°13	29° 1	5°31	23°42	11°49	5°45	24°21	24°44	15°20	n.a.	W13
T 14	18 59 15	13°21'06	8♉33	6°34	22° 0	7°51	29°14	5°38	23°46	11°47	5°44	24°20	24°41	15°27	n.a.	T 14
F 15	19 3 12	14°18'50	20°41	8°35	23°13	8°29	29°27	5°45	23°50	11°46	5°43	24°19	24°37	15°33	n.a.	F 15
S 16	19 7 8	15°16'36	3♊ 2	10°37	24°26	9° 7	29°40	5°52	23°54	11°45	5°43	24°18	24°34	15°40	n.a.	S 16
S 17	19 11 5	16°14'24	15°39	12°38	25°40	9°44	29°53	5°59	23°57	11°43	5°42	24°17	24°31	15°47	n.a.	S 17
M18	19 15 1	17°12'13	28°33	14°39	26°53	10°22	0♋ 6	6° 6	24° 1	11°42	5°41	24°16	24°28	15°54	n.a.	M18
T 19	19 18 58	18°10'04	11♋44	16°40	28° 7	11° 0	0°19	6°13	24° 5	11°41	5°41	24°16	24°25	16° 0	n.a.	T 19
W20	19 22 54	19° 7'57	25°13	18°40	29°20	11°37	0°32	6°21	24° 8	11°40	5°40	24°D15	24°22	16° 7	n.a.	W20
T 21	19 26 51	20° 5'51	8♌57	20°38	0♋34	12°14	0°45	6°28	24°12	11°39	5°39	24°16	24°18	16°14	n.a.	T 21
F 22	19 30 48	21° 3'46	22°54	22°36	1°47	12°51	0°58	6°35	24°16	11°37	5°38	24°16	24°15	16°21	n.a.	F 22
S 23	19 34 44	22° 1'44	7♍ 1	24°33	3° 1	13°28	1°11	6°42	24°20	11°36	5°38	24°16	24°12	16°27	n.a.	S 23
S 24	19 38 41	22°59'42	21°14	26°29	4°15	14° 5	1°24	6°50	24°23	11°35	5°37	24°16	24° 9	16°34	n.a.	S 24
M25	19 42 37	23°57'42	5♎30	28°23	5°28	14°42	1°37	6°57	24°27	11°34	5°36	24°R16	24° 6	16°41	n.a.	M25
T 26	19 46 34	24°55'43	19°46	0♌17	6°42	15°18	1°49	7° 4	24°31	11°33	5°35	24°D16	24° 2	16°47	n.a.	T 26
W27	19 50 30	25°53'46	3♏59	2° 9	7°56	15°55	2° 2	7°12	24°35	11°32	5°34	24°16	23°59	16°54	n.a.	W27
T 28	19 54 27	26°51'51	18° 7	4° 0	9°10	16°31	2°15	7°19	24°39	11°31	5°33	24°16	23°56	17° 1	n.a.	T 28
F 29	19 58 23	27°49'57	2♐ 7	5°49	10°24	17° 7	2°27	7°26	24°42	11°30	5°33	24°17	23°53	17° 8	n.a.	F 29
S 30	20 2 20	28°48'04	15°57	7°37	11°38	17°43	2°40	7°34	24°46	11°29	5°32	24°17	23°50	17°14	n.a.	S 30
S 31	20 6 17	29♋46'14	29♐37	9♌25	12♋52	18♉19	2♋52	7♌41	24♋50	11♐28	5♓31	24♋18	23♋47	17♈21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n46	13s59	4n39	21n50	0s50	21n 1	0s38	10n29	1s 1	23n58	0n15	20n52	1n26	22n22	0n36	21s31	1n 3	25s19	17s10	21n32	21n22	0n57		n.a.
S 2	23 46	17 46	3 55	22 14	0 36	21 16	0 35	10 43	1 0	23 59	0 15	20 51	1 26	22 22	0 36	21 31	1 3	25 20	17 10	21 33	21 22	0 59		n.a.
S 3	23 44	20 28	2 57	22 38	0 23	21 31	0 33	10 58	1 0	23 59	0 15	20 49	1 26	22 21	0 36	21 31	1 3	25 20	17 10	21 33	21 23	1 2		n.a.
M 4	23 43	21 54	1 49	23 1	0 10	21 44	0 30	11 12	0 59	24 0	0 15	20 47	1 26	22 20	0 36	21 31	1 2	25 20	17 11	21 33	21 23	1 4		n.a.
T 5	23 41	21 59	0 36	23 23	0n 3	21 58	0 27	11 26	0 59	24 0	0 15	20 46	1 26	22 20	0 36	21 31	1 2	25 21	17 11	21 34	21 24	1 7		n.a.
W 6	23 39	20 50	0s36	23 43	0 15	22 10	0 25	11 41	0 58	24 0	0 15	20 44	1 26	22 19	0 36	21 30	1 2	25 21	17 11	21 34	21 25	1 9		n.a.
T 7	23 36	18 36	1 46	24 1	0 27	22 22	0 22	11 54	0 57	24 1	0 16	20 42	1 26	22 19	0 36	21 30	1 2	25 22	17 12	21 33	21 25	1 12		n.a.
F 8	23 33	15 31	2 48	24 17	0 37	22 34	0 19	12 8	0 57	24 1	0 16	20 41	1 26	22 18	0 36	21 30	1 2	25 22	17 12	21 33	21 26	1 14		n.a.
S 9	23 29	11 50	3 41	24 31	0 47	22 44	0 17	12 22	0 56	24 1	0 16	20 39	1 26	22 17	0 36	21 30	1 2	25 23	17 12	21 33	21 26	1 17		n.a.
S 10	23 26	7 43	4 24	24 43	0 57	22 54	0 14	12 36	0 56	24 2	0 16	20 37	1 26	22 17	0 36	21 30	1 2	25 23	17 13	21 33	21 27	1 19		n.a.
M11	23 21	3 22	4 54	24 52	1 5	23 4	0 11	12 49	0 55	24 2	0 16	20 36	1 26	22 16	0 36	21 30	1 2	25 24	17 13	21 33	21 27	1 22		n.a.
T 12	23 16	1n 5	5 12	24 58	1 13	23 13	0 9	13 3	0 54	24 2	0 16	20 34	1 26	22 15	0 36	21 29	1 2	25 24	17 13	21 33	21 28	1 24		n.a.
W13	23 11	5 29	5 16	25 1	1 20	23 21	0 6	13 16	0 54	24 2	0 16	20 32	1 26	22 15	0 36	21 29	1 2	25 25	17 14	21 33	21 29	1 27		n.a.
T 14	23 5	9 43	5 7	25 2	1 26	23 28	0 3	13 29	0 53	24 2	0 16	20 30	1 26	22 14	0 36	21 29	1 2	25 26	17 14	21 33	21 29	1 29		n.a.
F 15	22 59	13 37	4 43	25 1	1 31	23 35	0 1	13 42	0 52	24 3	0 16	20 29	1 26	22 13	0 36	21 29	1 2	25 26	17 14	21 33	21 30	1 32		n.a.
S 16	22 53	17 1	4 7	24 56	1 36	23 41	0n 2	13 55	0 52	24 3	0 17	20 27	1 26	22 13	0 36	21 29	1 2	25 27	17 15	21 33	21 30	1 34		n.a.
S 17	22 46	19 42	3 18	24 49	1 40	23 47	0 5	14 8	0 51	24 3	0 17	20 25	1 26	22 12	0 36	21 29	1 2	25 27	17 15	21 33	21 31	1 37		n.a.
M18	22 39	21 28	2 18	24 39	1 43	23 51	0 7	14 20	0 50	24 3	0 17	20 23	1 26	22 11	0 36	21 29	1 2	25 28	17 15	21 34	21 31	1 39		n.a.
T 19	22 31	22 6	1 9	24 27	1 45	23 55	0 10	14 33	0 50	24 3	0 17	20 22	1 26	22 11	0 36	21 28	1 2	25 28	17 15	21 34	21 32	1 41		n.a.
W20	22 23	21 29	0n 5	24 12	1 46	23 59	0 12	14 45	0 49	24 3	0 17	20 20	1 26	22 10	0 36	21 28	1 2	25 29	17 16	21 34	21 33	1 44		n.a.
T 21	22 15	19 34	1 21	23 56	1 47	24 1	0 15	14 57	0 48	24 3	0 17	20 18	1 26	22 9	0 36	21 28	1 2	25 29	17 16	21 34	21 33	1 46		n.a.
F 22	22 6	16 28	2 32	23 37	1 48	24 3	0 17	15 10	0 47	24 3	0 17	20 16	1 26	22 9	0 36	21 28	1 2	25 30	17 16	21 34	21 34	1 49		n.a.
S 23	21 57	12 23	3 35	23 16	1 47	24 4	0 20	15 22	0 47	24 3	0 17	20 14	1 26	22 8	0 36	21 28	1 2	25 30	17 17	21 34	21 34	1 51		n.a.
S 24	21 47	7 35	4 26	22 53	1 46	24 4	0 22	15 33	0 46	24 3	0 17	20 12	1 26	22 7	0 36	21 28	1 2	25 31	17 17	21 34	21 35	1 54		n.a.
M25	21 37	2 22	5 0	22 29	1 45	24 4	0 25	15 45	0 45	24 3	0 18	20 11	1 26	22 7	0 36	21 28	1 2	25 31	17 17	21 34	21 35	1 56		n.a.
T 26	21 26	2s58	5 16	22 2	1 43	24 3	0 27	15 57	0 44	24 3	0 18	20 9	1 26	22 6	0 36	21 28	1 2	25 32	17 17	21 34	21 36	1 59		n.a.
W27	21 16	8 8	5 12	21 35	1 40	24 1	0 30	16 8	0 44	24 3	0 18	20 7	1 26	22 5	0 36	21 28	1 2	25 33	17 18	21 34	21 37	2 1		n.a.
T 28	21 5	12 49	4 50	21 6	1 37	23 59	0 32	16 19	0 43	24 3	0 18	20 5	1 26	22 5	0 36	21 27	1 2	25 33	17 18	21 34	21 37	2 4		n.a.
F 29	20 53	16 47	4 11	20 35	1 34	23 56	0 34	16 30	0 42	24 3	0 18	20 3	1 26	22 4	0 36	21 27	1 2	25 34	17 18	21 33	21 38	2 6		n.a.
S 30	20 41	19 45	3 17	20 4	1 30	23 52	0 36	16 42	0 41	24 3	0 18	20 1	1 26	22 3	0 36	21 27	1 2	25 34	17 18	21 33	21 38	2 9		n.a.
S 31	20n29	21s34	2n13	19n31	1n26	23n47	0n39	16n52	0s40	24n 3	0n18	19n59	1n26	22n 3	0n36	21s27	1n 2	25s35	17s19	21n33	21n39	2n11		n.a.

Julian Day Number = 1486383.5, Delta T = 05h18m23s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'39, Lahiri = -12°50'39 Julian Calendar 1 July 644 BCE == Greg. Calendar 24 June 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

AUGUST 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 10 13	0♌44'25	13♉ 3	11♌10	14♋ 6	18♉55	3♋ 5	7♌49	24♋54	11°R27	5°R30	24♋18	23♋43	17♈28	n.a.	M 1
T 2	20 14 10	1°42'37	26°16	12°55	15°20	19°30	3°17	7°56	24°57	11♐26	5♓29	24°R18	23°40	17°34	n.a.	T 2
W 3	20 18 6	2°40'52	9♒13	14°39	16°34	20° 6	3°30	8° 3	25° 1	11°25	5°28	24°18	23°37	17°41	n.a.	W 3
T 4	20 22 3	3°39'08	21°56	16°21	17°48	20°41	3°42	8°11	25° 5	11°24	5°27	24°17	23°34	17°48	n.a.	T 4
F 5	20 25 59	4°37'27	4♓24	18° 2	19° 2	21°16	3°54	8°18	25° 8	11°24	5°26	24°16	23°31	17°55	n.a.	F 5
S 6	20 29 56	5°35'47	16°40	19°42	20°16	21°51	4° 7	8°26	25°12	11°23	5°25	24°14	23°28	18° 1	n.a.	S 6
S 7	20 33 52	6°34'10	28°45	21°21	21°30	22°26	4°19	8°33	25°16	11°22	5°24	24°13	23°24	18° 8	n.a.	S 7
M 8	20 37 49	7°32'35	10♈42	22°58	22°45	23° 1	4°31	8°41	25°20	11°21	5°23	24°11	23°21	18°15	n.a.	M 8
T 9	20 41 45	8°31'02	22°35	24°35	23°59	23°35	4°43	8°48	25°23	11°21	5°22	24°10	23°18	18°22	n.a.	T 9
W10	20 45 42	9°29'31	4♉28	26°10	25°13	24°10	4°55	8°55	25°27	11°20	5°21	24°D 9	23°15	18°28	n.a.	W10
T 11	20 49 39	10°28'02	16°26	27°45	26°28	24°44	5° 7	9° 3	25°31	11°19	5°20	24° 9	23°12	18°35	n.a.	T 11
F 12	20 53 35	11°26'36	28°34	29°18	27°42	25°18	5°19	9°10	25°34	11°19	5°19	24°10	23° 8	18°42	n.a.	F 12
S 13	20 57 32	12°25'12	10♊55	0♍50	28°57	25°52	5°31	9°18	25°38	11°18	5°18	24°11	23° 5	18°48	n.a.	S 13
S 14	21 1 28	13°23'51	23°34	2°21	0♌11	26°26	5°43	9°25	25°42	11°18	5°17	24°13	23° 2	18°55	n.a.	S 14
M15	21 5 25	14°22'32	6♋34	3°52	1°26	26°59	5°54	9°33	25°45	11°17	5°16	24°14	22°59	19° 2	n.a.	M15
T 16	21 9 21	15°21'15	19°58	5°20	2°40	27°32	6° 6	9°40	25°49	11°16	5°15	24°R15	22°56	19° 9	n.a.	T 16
W17	21 13 18	16°20'00	3♌44	6°48	3°55	28° 6	6°18	9°47	25°52	11°16	5°13	24°14	22°53	19°15	n.a.	W17
T 18	21 17 14	17°18'48	17°51	8°15	5°10	28°38	6°29	9°55	25°56	11°16	5°12	24°13	22°49	19°22	n.a.	T 18
F 19	21 21 11	18°17'37	2♍16	9°41	6°24	29°11	6°41	10° 2	26° 0	11°15	5°11	24°11	22°46	19°29	n.a.	F 19
S 20	21 25 8	19°16'29	16°51	11° 5	7°39	29°44	6°52	10°10	26° 3	11°15	5°10	24° 7	22°43	19°36	n.a.	S 20
S 21	21 29 4	20°15'22	1♎31	12°29	8°54	0♊16	7° 3	10°17	26° 7	11°14	5° 9	24° 4	22°40	19°42	n.a.	S 21
M22	21 33 1	21°14'18	16° 9	13°51	10° 9	0°48	7°14	10°24	26°10	11°14	5° 8	24° 0	22°37	19°49	n.a.	M22
T 23	21 36 57	22°13'15	0♏39	15°12	11°23	1°20	7°26	10°32	26°14	11°14	5° 7	23°58	22°34	19°56	n.a.	T 23
W24	21 40 54	23°12'14	14°56	16°32	12°38	1°52	7°37	10°39	26°17	11°14	5° 6	23°56	22°30	20° 2	n.a.	W24
T 25	21 44 50	24°11'15	28°58	17°50	13°53	2°23	7°48	10°46	26°20	11°13	5° 4	23°D56	22°27	20° 9	n.a.	T 25
F 26	21 48 47	25°10'18	12♐45	19° 7	15° 8	2°55	7°59	10°54	26°24	11°13	5° 3	23°57	22°24	20°16	n.a.	F 26
S 27	21 52 43	26° 9'22	26°16	20°22	16°23	3°26	8° 9	11° 1	26°27	11°13	5° 2	23°58	22°21	20°23	n.a.	S 27
S 28	21 56 40	27° 8'29	9♑32	21°36	17°38	3°57	8°20	11° 8	26°31	11°13	5° 1	24° 0	22°18	20°29	n.a.	S 28
M29	22 0 36	28° 7'38	22°34	22°49	18°53	4°27	8°31	11°15	26°34	11°13	5° 0	24°R 1	22°14	20°36	n.a.	M29
T 30	22 4 33	29° 6'48	5♒24	23°59	20° 8	4°58	8°41	11°23	26°37	11°13	4°59	24° 0	22°11	20°43	n.a.	T 30
W31	22 8 30	0♍ 6'01	18♒ 2	25♍ 8	21♌23	5♊28	8♋52	11♌30	26♋41	11°D13	4♓57	23♋58	22♋ 8	20♈50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n16	22s 6	1n 2	18n58	1n21	23n42	0n41	17n 3	0s40	24n 3	0n18	19n57	1n26	22n 2	0n36	21s27	1n 2	25s35	17s19	21n33	21n39	2n14			n.a.
T 2	20 3	21 22	0s11	18 23	1 16	23 35	0 43	17 14	0 39	24 2	0 19	19 56	1 26	22 1	0 36	21 27	1 2	25 36	17 19	21 33	21 40	2 16			n.a.
W 3	19 50	19 30	1 22	17 48	1 11	23 29	0 45	17 24	0 38	24 2	0 19	19 54	1 26	22 1	0 36	21 27	1 2	25 37	17 19	21 33	21 40	2 19			n.a.
T 4	19 36	16 42	2 27	17 12	1 5	23 21	0 47	17 35	0 37	24 2	0 19	19 52	1 26	22 0	0 36	21 27	1 1	25 37	17 19	21 33	21 41	2 21			n.a.
F 5	19 22	13 11	3 24	16 35	1 0	23 13	0 49	17 45	0 36	24 2	0 19	19 50	1 26	21 59	0 36	21 27	1 1	25 38	17 20	21 34	21 42	2 24			n.a.
S 6	19 8	9 10	4 11	15 58	0 54	23 4	0 51	17 55	0 35	24 1	0 19	19 48	1 26	21 59	0 36	21 27	1 1	25 38	17 20	21 34	21 42	2 26			n.a.
S 7	18 53	4 51	4 45	15 20	0 48	22 54	0 53	18 5	0 35	24 1	0 19	19 46	1 27	21 58	0 36	21 27	1 1	25 39	17 20	21 34	21 43	2 29			n.a.
M 8	18 38	0 24	5 7	14 42	0 41	22 44	0 55	18 14	0 34	24 1	0 19	19 44	1 27	21 57	0 36	21 27	1 1	25 39	17 20	21 34	21 43	2 31			n.a.
T 9	18 23	4n 2	5 16	14 3	0 34	22 33	0 57	18 24	0 33	24 1	0 19	19 42	1 27	21 57	0 36	21 26	1 1	25 40	17 20	21 35	21 44	2 34			n.a.
W10	18 7	8 19	5 11	13 24	0 28	22 21	0 59	18 34	0 32	24 0	0 20	19 40	1 27	21 56	0 36	21 26	1 1	25 40	17 20	21 35	21 44	2 36			n.a.
T 11	17 51	12 19	4 52	12 45	0 21	22 9	1 0	18 43	0 31	24 0	0 20	19 38	1 27	21 55	0 36	21 26	1 1	25 41	17 21	21 35	21 45	2 39			n.a.
F 12	17 35	15 53	4 21	12 5	0 13	21 55	1 2	18 52	0 30	24 0	0 20	19 36	1 27	21 55	0 36	21 26	1 1	25 42	17 21	21 35	21 45	2 41			n.a.
S 13	17 19	18 49	3 37	11 25	0 6	21 42	1 4	19 1	0 29	23 59	0 20	19 34	1 27	21 54	0 36	21 26	1 1	25 42	17 21	21 34	21 46	2 44			n.a.
S 14	17 2	20 56	2 41	10 46	0s 1	21 27	1 5	19 10	0 28	23 59	0 20	19 32	1 27	21 53	0 36	21 26	1 1	25 43	17 21	21 34	21 46	2 46			n.a.
M15	16 45	22 1	1 36	10 6	0 9	21 12	1 7	19 19	0 27	23 59	0 20	19 30	1 27	21 53	0 36	21 26	1 1	25 43	17 21	21 34	21 47	2 49			n.a.
T 16	16 27	21 53	0 24	9 26	0 16	20 57	1 8	19 28	0 26	23 58	0 20	19 29	1 27	21 52	0 36	21 26	1 1	25 44	17 21	21 34	21 48	2 51			n.a.
W17	16 10	20 26	0n52	8 46	0 24	20 40	1 10	19 36	0 25	23 58	0 21	19 27	1 27	21 51	0 36	21 26	1 1	25 44	17 22	21 34	21 48	2 54			n.a.
T 18	15 52	17 42	2 6	8 6	0 32	20 23	1 11	19 44	0 24	23 57	0 21	19 25	1 27	21 51	0 36	21 26	1 1	25 45	17 22	21 34	21 49	2 56			n.a.
F 19	15 33	13 49	3 14	7 26	0 39	20 6	1 13	19 53	0 23	23 57	0 21	19 23	1 27	21 50	0 36	21 26	1 1	25 45	17 22	21 35	21 49	2 59			n.a.
S 20	15 15	9 5	4 10	6 47	0 47	19 48	1 14	20 1	0 22	23 56	0 21	19 21	1 28	21 49	0 36	21 26	1 1	25 46	17 22	21 35	21 50	3 1			n.a.
S 21	14 56	3 48	4 49	6 7	0 55	19 29	1 15	20 9	0 21	23 56	0 21	19 19	1 28	21 49	0 36	21 26	1 1	25 47	17 22	21 36	21 50	3 4			n.a.
M22	14 37	1s40	5 10	5 28	1 3	19 10	1 16	20 17	0 20	23 55	0 21	19 17	1 28	21 48	0 36	21 26	1 1	25 47	17 22	21 36	21 51	3 6			n.a.
T 23	14 18	7 0	5 11	4 49	1 11	18 50	1 17	20 24	0 19	23 55	0 21	19 15	1 28	21 47	0 36	21 26	1 1	25 48	17 22	21 37	21 51	3 9			n.a.
W24	13 58	11 53	4 52	4 11	1 19	18 30	1 18	20 32	0 18	23 54	0 22	19 13	1 28	21 47	0 36	21 26	1 1	25 48	17 22	21 37	21 52	3 11			n.a.
T 25	13 39	16 2	4 17	3 33	1 26	18 9	1 19	20 39	0 17	23 54	0 22	19 11	1 28	21 46	0 36	21 26	1 1	25 49	17 22	21 37	21 52	3 14			n.a.
F 26	13 19	19 14	3 27	2 55	1 34	17 48	1 20	20 46	0 16	23 53	0 22	19 9	1 28	21 45	0 36	21 26	1 1	25 49	17 22	21 37	21 53	3 16			n.a.
S 27	12 58	21 17	2 26	2 18	1 42	17 26	1 21	20 54	0 15	23 53	0 22	19 7	1 28	21 45	0 36	21 26	1 0	25 50	17 23	21 37	21 53	3 19			n.a.
S 28	12 38	22 7	1 18	1 42	1 50	17 3	1 22	21 1	0 14	23 52	0 22	19 5	1 28	21 44	0 36	21 26	1 0	25 50	17 23	21 36	21 54	3 21			n.a.
M29	12 17	21 43	0 8	1 6	1 57	16 40	1 22	21 7	0 12	23 52	0 22	19 3	1 28	21 44	0 36	21 26	1 0	25 51	17 23	21 36	21 54	3 24			n.a.
T 30	11 57	20 11	1s 2	0 31	2 5	16 17	1 23	21 14	0 11	23 51	0 22	19 1	1 29	21 43	0 36	21 26	1 0	25 51	17 23	21 36	21 55	3 26			n.a.
W31	11n35	17s39	2s 7	0s 3	2s12	15n53	1n23	21n21	0s10	23n51	0n23	18n59	1n29	21n42	0n36	21s26	1n 0	25s52	17s23	21n37	21n55	3n29			n.a.

Julian Day Number = 1486414.5, Delta T = 05h18m22s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'35, Lahiri = -12°50'34 Julian Calendar 1 Aug. 644 BCE == Greg. Calendar 25 July 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

SEPTEMBER 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 12 26	1♍ 5'15	0♓30	26♍15	22♌38	5♊58	9♋ 2	11♌37	26♋44	11♐13	4°R56	23°R54	22♋ 5	20♈56	n.a.	T 1
F 2	22 16 23	2° 4'32	12°47	27°20	23°53	6°28	9°13	11°44	26°47	11°13	4♓55	23♋48	22° 2	21° 3	n.a.	F 2
S 3	22 20 19	3° 3'51	24°56	28°22	25° 8	6°57	9°23	11°51	26°50	11°13	4°54	23°41	21°59	21°10	n.a.	S 3
S 4	22 24 16	4° 3'12	6♈57	29°22	26°23	7°27	9°33	11°58	26°54	11°13	4°53	23°33	21°55	21°16	n.a.	S 4
M 5	22 28 12	5° 2'36	18°52	0♎19	27°38	7°56	9°43	12° 5	26°57	11°13	4°52	23°26	21°52	21°23	n.a.	M 5
T 6	22 32 9	6° 2'02	0♉44	1°13	28°53	8°24	9°53	12°12	27° 0	11°14	4°50	23°19	21°49	21°30	n.a.	T 6
W 7	22 36 5	7° 1'30	12°35	2° 4	0♍ 8	8°53	10° 3	12°19	27° 3	11°14	4°49	23°14	21°46	21°37	n.a.	W 7
T 8	22 40 2	8° 1'00	24°31	2°52	1°24	9°21	10°12	12°26	27° 6	11°14	4°48	23°11	21°43	21°43	n.a.	T 8
F 9	22 43 59	9° 0'33	6♊35	3°35	2°39	9°49	10°22	12°33	27° 9	11°14	4°47	23°D10	21°39	21°50	n.a.	F 9
S 10	22 47 55	10° 0'09	18°52	4°15	3°54	10°16	10°32	12°40	27°12	11°15	4°46	23°10	21°36	21°57	n.a.	S 10
S 11	22 51 52	10°59'47	1♋28	4°49	5° 9	10°44	10°41	12°47	27°15	11°15	4°44	23°11	21°33	22° 3	n.a.	S 11
M12	22 55 48	11°59'27	14°26	5°19	6°25	11°11	10°50	12°54	27°18	11°15	4°43	23°13	21°30	22°10	n.a.	M12
T 13	22 59 45	12°59'10	27°50	5°43	7°40	11°38	10°59	13° 1	27°21	11°16	4°42	23°R13	21°27	22°17	n.a.	T 13
W14	23 3 41	13°58'55	11♌42	6° 0	8°55	12° 4	11° 8	13° 8	27°24	11°16	4°41	23°11	21°24	22°24	n.a.	W14
T 15	23 7 38	14°58'42	26° 2	6°11	10°11	12°30	11°17	13°14	27°27	11°17	4°40	23° 7	21°20	22°30	n.a.	T 15
F 16	23 11 34	15°58'32	10♍44	6°R15	11°26	12°56	11°26	13°21	27°30	11°17	4°39	23° 1	21°17	22°37	n.a.	F 16
S 17	23 15 31	16°58'23	25°43	6°11	12°41	13°22	11°35	13°28	27°32	11°18	4°37	22°54	21°14	22°44	n.a.	S 17
S 18	23 19 27	17°58'17	10♎49	5°59	13°57	13°47	11°44	13°34	27°35	11°18	4°36	22°45	21°11	22°51	n.a.	S 18
M19	23 23 24	18°58'12	25°52	5°38	15°12	14°12	11°52	13°41	27°38	11°19	4°35	22°36	21° 8	22°57	n.a.	M19
T 20	23 27 21	19°58'10	10♏43	5° 8	16°27	14°36	12° 0	13°47	27°40	11°20	4°34	22°29	21° 5	23° 4	n.a.	T 20
W21	23 31 17	20°58'09	25°15	4°30	17°43	15° 0	12° 9	13°54	27°43	11°20	4°33	22°24	21° 1	23°11	n.a.	W21
T 22	23 35 14	21°58'10	9♐24	3°42	18°58	15°24	12°17	14° 0	27°46	11°21	4°32	22°22	20°58	23°17	n.a.	T 22
F 23	23 39 10	22°58'13	23° 9	2°46	20°14	15°47	12°25	14° 6	27°48	11°22	4°31	22°D21	20°55	23°24	n.a.	F 23
S 24	23 43 7	23°58'17	6♑32	1°42	21°29	16°10	12°32	14°13	27°51	11°23	4°30	22°21	20°52	23°31	n.a.	S 24
S 25	23 47 3	24°58'23	19°35	0°32	22°44	16°33	12°40	14°19	27°53	11°24	4°29	22°R22	20°49	23°38	n.a.	S 25
M26	23 51 0	25°58'31	2♒21	29♍18	24° 0	16°55	12°48	14°25	27°55	11°24	4°27	22°21	20°45	23°44	n.a.	M26
T 27	23 54 56	26°58'41	14°54	28° 0	25°15	17°17	12°55	14°31	27°58	11°25	4°26	22°19	20°42	23°51	n.a.	T 27
W28	23 58 53	27°58'52	27°16	26°43	26°31	17°39	13° 2	14°37	28° 0	11°26	4°25	22°14	20°39	23°58	n.a.	W28
T 29	0 2 50	28°59'05	9♓29	25°27	27°46	18° 0	13° 9	14°43	28° 2	11°27	4°24	22° 6	20°36	24° 5	n.a.	T 29
F 30	0 6 46	29♍59'19	21♓35	24♍16	29♍ 2	18♊20	13♋16	14♌49	28♋ 5	11♐28	4♓23	21♋55	20♋33	24♈11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n14	14s20	3s 5	0s37	2s19	15n29	1n24	21n27	0s 9	23n50	0n23	18n58	1n29	21n42	0n36	21s26	1n 0	25s52	17s23	21n38	21n56	3n31		n.a.
F 2	10 53	10 26	3 54	1 9	2 26	15 4	1 24	21 34	0 8	23 50	0 23	18 56	1 29	21 41	0 36	21 26	1 0	25 53	17 23	21 39	21 57	3 34		n.a.
S 3	10 31	6 11	4 31	1 40	2 33	14 39	1 25	21 40	0 7	23 49	0 23	18 54	1 29	21 40	0 36	21 26	1 0	25 53	17 23	21 40	21 57	3 36		n.a.
S 4	10 9	1 44	4 56	2 10	2 39	14 13	1 25	21 46	0 5	23 49	0 23	18 52	1 29	21 40	0 36	21 27	1 0	25 54	17 23	21 41	21 58	3 39		n.a.
M 5	9 48	2n45	5 8	2 39	2 45	13 47	1 25	21 52	0 4	23 48	0 23	18 50	1 29	21 39	0 36	21 27	1 0	25 54	17 23	21 42	21 58	3 41		n.a.
T 6	9 25	7 7	5 6	3 6	2 51	13 21	1 25	21 58	0 3	23 47	0 24	18 48	1 29	21 39	0 36	21 27	1 0	25 54	17 23	21 44	21 59	3 44		n.a.
W 7	9 3	11 12	4 51	3 32	2 56	12 54	1 25	22 4	0 2	23 47	0 24	18 46	1 29	21 38	0 36	21 27	1 0	25 55	17 23	21 44	21 59	3 46		n.a.
T 8	8 41	14 54	4 24	3 55	3 1	12 27	1 25	22 9	0 0	23 46	0 24	18 44	1 30	21 38	0 36	21 27	1 0	25 55	17 23	21 45	22 0	3 49		n.a.
F 9	8 18	18 1	3 45	4 17	3 6	12 0	1 25	22 15	0n 1	23 46	0 24	18 42	1 30	21 37	0 37	21 27	1 0	25 56	17 23	21 45	22 0	3 51		n.a.
S 10	7 55	20 24	2 54	4 36	3 10	11 32	1 25	22 20	0 2	23 45	0 24	18 41	1 30	21 36	0 37	21 27	1 0	25 56	17 23	21 45	22 1	3 54		n.a.
S 11	7 33	21 51	1 55	4 53	3 13	11 4	1 25	22 26	0 4	23 44	0 24	18 39	1 30	21 36	0 37	21 27	1 0	25 57	17 23	21 45	22 1	3 56		n.a.
M12	7 10	22 12	0 47	5 8	3 16	10 36	1 25	22 31	0 5	23 44	0 25	18 37	1 30	21 35	0 37	21 27	1 0	25 57	17 23	21 45	22 2	3 59		n.a.
T 13	6 46	21 17	0n25	5 19	3 17	10 7	1 25	22 36	0 6	23 43	0 25	18 35	1 30	21 35	0 37	21 27	1 0	25 57	17 23	21 45	22 2	4 1		n.a.
W14	6 23	19 5	1 38	5 27	3 18	9 38	1 24	22 41	0 8	23 43	0 25	18 33	1 30	21 34	0 37	21 27	1 0	25 58	17 23	21 45	22 3	4 4		n.a.
T 15	6 0	15 38	2 47	5 31	3 18	9 9	1 24	22 46	0 9	23 42	0 25	18 31	1 31	21 34	0 37	21 28	1 0	25 58	17 22	21 46	22 3	4 6		n.a.
F 16	5 36	11 7	3 47	5 31	3 17	8 39	1 23	22 50	0 11	23 41	0 25	18 30	1 31	21 33	0 37	21 28	1 0	25 59	17 22	21 47	22 4	4 9		n.a.
S 17	5 13	5 52	4 32	5 27	3 14	8 10	1 23	22 55	0 12	23 41	0 25	18 28	1 31	21 33	0 37	21 28	1 0	25 59	17 22	21 48	22 4	4 11		n.a.
S 18	4 49	0 14	4 59	5 19	3 10	7 40	1 22	23 0	0 13	23 40	0 26	18 26	1 31	21 32	0 37	21 28	1 0	25 59	17 22	21 49	22 5	4 14		n.a.
M19	4 25	5s25	5 4	5 5	3 5	7 10	1 22	23 4	0 15	23 40	0 26	18 24	1 31	21 32	0 37	21 28	0 59	26 0	17 22	21 51	22 5	4 16		n.a.
T 20	4 2	10 40	4 50	4 47	2 57	6 39	1 21	23 8	0 16	23 39	0 26	18 22	1 31	21 31	0 37	21 28	0 59	26 0	17 22	21 52	22 6	4 19		n.a.
W21	3 38	15 11	4 17	4 23	2 48	6 9	1 20	23 13	0 18	23 38	0 26	18 21	1 31	21 31	0 37	21 28	0 59	26 0	17 22	21 53	22 6	4 22		n.a.
T 22	3 14	18 44	3 28	3 53	2 37	5 38	1 19	23 17	0 19	23 38	0 26	18 19	1 32	21 30	0 37	21 28	0 59	26 1	17 22	21 53	22 7	4 24		n.a.
F 23	2 50	21 6	2 29	3 19	2 25	5 7	1 18	23 21	0 21	23 37	0 26	18 17	1 32	21 30	0 37	21 29	0 59	26 1	17 22	21 53	22 7	4 27		n.a.
S 24	2 26	22 13	1 23	2 40	2 10	4 36	1 17	23 25	0 23	23 37	0 27	18 15	1 32	21 29	0 37	21 29	0 59	26 1	17 22	21 53	22 8	4 29		n.a.
S 25	2 1	22 5	0 15	1 57	1 53	4 5	1 16	23 29	0 24	23 36	0 27	18 14	1 32	21 29	0 37	21 29	0 59	26 2	17 21	21 53	22 8	4 32		n.a.
M26	1 37	20 46	0s53	1 10	1 35	3 34	1 15	23 33	0 26	23 36	0 27	18 12	1 32	21 28	0 37	21 29	0 59	26 2	17 21	21 53	22 9	4 34		n.a.
T 27	1 13	18 27	1 57	0 21	1 16	3 2	1 14	23 37	0 27	23 35	0 27	18 10	1 32	21 28	0 37	21 29	0 59	26 2	17 21	21 54	22 9	4 37		n.a.
W28	0 49	15 19	2 54	0n28	0 56	2 31	1 13	23 40	0 29	23 35	0 27	18 9	1 33	21 27	0 37	21 29	0 59	26 3	17 21	21 55	22 10	4 39		n.a.
T 29	0 25	11 33	3 43	1 18	0 35	1 59	1 12	23 44	0 31	23 34	0 28	18 7	1 33	21 27	0 37	21 30	0 59	26 3	17 21	21 56	22 10	4 42		n.a.
F 30	0n 0	7s22	4s20	2n 5	0s15	1n28	1n10	23n47	0n32	23n34	0n28	18n 6	1n33	21n26	0n37	21s30	0n59	26s 3	17s21	21n58	22n11	4n44		n.a.

Julian Day Number = 1486445.5, Delta T = 05h18m20s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'31, Lahiri = -12°50'30 Julian Calendar 1 Sept. 644 BCE == Greg. Calendar 25 Aug. 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

OCTOBER 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 10 43	0♎59'36	3♈36	23°R12	0♎17	18♊40	13♋23	14♌55	28♋ 7	11♐29	4°R22	21°R43	20♋30	24♈18	n.a.	S 1
S 2	0 14 39	1°59'54	15°32	22♍17	1°33	19° 0	13°30	15° 1	28° 9	11°30	4♓21	21♋29	20°26	24°25	n.a.	S 2
M 3	0 18 36	3° 0'15	27°25	21°31	2°48	19°19	13°37	15° 7	28°11	11°31	4°20	21°15	20°23	24°31	n.a.	M 3
T 4	0 22 32	4° 0'37	9♉16	20°57	4° 4	19°38	13°43	15°13	28°13	11°32	4°19	21° 3	20°20	24°38	n.a.	T 4
W 5	0 26 29	5° 1'01	21° 8	20°34	5°19	19°57	13°49	15°18	28°15	11°33	4°18	20°53	20°17	24°45	n.a.	W 5
T 6	0 30 25	6° 1'28	3♊ 3	20°D22	6°34	20°15	13°55	15°24	28°17	11°35	4°17	20°46	20°14	24°52	n.a.	T 6
F 7	0 34 22	7° 1'56	15° 6	20°23	7°50	20°32	14° 1	15°30	28°19	11°36	4°16	20°41	20°10	24°58	n.a.	F 7
S 8	0 38 18	8° 2'26	27°19	20°34	9° 5	20°49	14° 7	15°35	28°21	11°37	4°15	20°39	20° 7	25° 5	n.a.	S 8
S 9	0 42 15	9° 2'59	9♋49	20°55	10°21	21° 5	14°13	15°40	28°23	11°38	4°14	20°D39	20° 4	25°12	n.a.	S 9
M10	0 46 12	10° 3'33	22°41	21°26	11°37	21°21	14°18	15°46	28°24	11°40	4°13	20°R39	20° 1	25°18	n.a.	M10
T 11	0 50 8	11° 4'09	5♌57	22° 6	12°52	21°37	14°23	15°51	28°26	11°41	4°12	20°38	19°58	25°25	n.a.	T 11
W12	0 54 5	12° 4'47	19°43	22°53	14° 8	21°51	14°29	15°56	28°28	11°42	4°11	20°36	19°55	25°32	n.a.	W12
T 13	0 58 1	13° 5'27	4♍ 0	23°46	15°23	22° 6	14°33	16° 1	28°29	11°44	4°11	20°31	19°51	25°39	n.a.	T 13
F 14	1 1 58	14° 6'09	18°44	24°46	16°39	22°19	14°38	16° 6	28°31	11°45	4°10	20°23	19°48	25°45	n.a.	F 14
S 15	1 5 54	15° 6'52	3♎50	25°51	17°54	22°32	14°43	16°11	28°33	11°46	4° 9	20°12	19°45	25°52	n.a.	S 15
S 16	1 9 51	16° 7'37	19° 9	27° 0	19°10	22°45	14°47	16°16	28°34	11°48	4° 8	20° 1	19°42	25°59	n.a.	S 16
M17	1 13 47	17° 8'23	4♏30	28°13	20°25	22°57	14°52	16°21	28°35	11°49	4° 7	19°49	19°39	26° 6	n.a.	M17
T 18	1 17 44	18° 9'11	19°39	29°30	21°41	23° 8	14°56	16°26	28°37	11°51	4° 6	19°39	19°36	26°12	n.a.	T 18
W19	1 21 41	19°10'00	4♐29	0♎49	22°56	23°19	15° 0	16°31	28°38	11°52	4° 6	19°31	19°32	26°19	n.a.	W19
T 20	1 25 37	20°10'51	18°52	2°11	24°12	23°28	15° 3	16°35	28°39	11°54	4° 5	19°26	19°29	26°26	n.a.	T 20
F 21	1 29 34	21°11'42	2♑47	3°34	25°27	23°38	15° 7	16°40	28°40	11°56	4° 4	19°24	19°26	26°32	n.a.	F 21
S 22	1 33 30	22°12'35	16°13	4°59	26°43	23°46	15°10	16°44	28°42	11°57	4° 3	19°24	19°23	26°39	n.a.	S 22
S 23	1 37 27	23°13'29	29°15	6°26	27°58	23°54	15°14	16°49	28°43	11°59	4° 3	19°24	19°20	26°46	n.a.	S 23
M24	1 41 23	24°14'23	11♒56	7°54	29°14	24° 2	15°17	16°53	28°44	12° 0	4° 2	19°23	19°16	26°53	n.a.	M24
T 25	1 45 20	25°15'19	24°21	9°23	0♏29	24° 8	15°19	16°57	28°45	12° 2	4° 1	19°20	19°13	26°59	n.a.	T 25
W26	1 49 16	26°16'15	6♓33	10°52	1°45	24°14	15°22	17° 1	28°46	12° 4	4° 1	19°14	19°10	27° 6	n.a.	W26
T 27	1 53 13	27°17'12	18°36	12°23	3° 0	24°19	15°25	17° 5	28°46	12° 6	4° 0	19° 6	19° 7	27°13	n.a.	T 27
F 28	1 57 10	28°18'11	0♈34	13°54	4°16	24°24	15°27	17° 9	28°47	12° 7	3°59	18°54	19° 4	27°19	n.a.	F 28
S 29	2 1 6	29°19'10	12°29	15°25	5°31	24°28	15°29	17°13	28°48	12° 9	3°59	18°41	19° 1	27°26	n.a.	S 29
S 30	2 5 3	0♏20'10	24°22	16°57	6°47	24°31	15°31	17°17	28°49	12°11	3°58	18°26	18°57	27°33	n.a.	S 30
M31	2 8 59	1♏21'12	6♉15	18♎29	8♏ 2	24♊33	15♋32	17♌20	28♋49	12♐13	3♓58	18♋11	18♋54	27♈40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s24	2s55	4s46	2n49	0n 6	0n56	1n 9	23n51	0n34	23n33	0n28	18n 4	1n33	21n26	0n37	21s30	0n59	26s 3	17s21	22n 0	22n11	4n47		n.a.
S 2	0 48	1n36	4 59	3 29	0 25	0 24	1 7	23 54	0 36	23 33	0 28	18 2	1 33	21 26	0 37	21 30	0 59	26 4	17 20	22 2	22 12	4 49		n.a.
M 3	1 13	6 3	4 59	4 4	0 43	0s 7	1 6	23 58	0 38	23 32	0 28	18 1	1 33	21 25	0 37	21 30	0 59	26 4	17 20	22 4	22 12	4 52		n.a.
T 4	1 37	10 16	4 46	4 33	1 0	0 39	1 4	24 1	0 40	23 32	0 29	17 59	1 34	21 25	0 37	21 31	0 59	26 4	17 20	22 6	22 13	4 54		n.a.
W 5	2 1	14 6	4 21	4 56	1 15	1 11	1 3	24 4	0 41	23 31	0 29	17 58	1 34	21 24	0 37	21 31	0 59	26 4	17 20	22 7	22 13	4 57		n.a.
T 6	2 25	17 24	3 44	5 13	1 28	1 43	1 1	24 8	0 43	23 31	0 29	17 56	1 34	21 24	0 37	21 31	0 59	26 4	17 20	22 9	22 13	4 59		n.a.
F 7	2 50	20 0	2 56	5 24	1 40	2 14	1 0	24 11	0 45	23 30	0 29	17 55	1 34	21 24	0 37	21 31	0 59	26 5	17 19	22 9	22 14	5 2		n.a.
S 8	3 14	21 45	2 0	5 28	1 50	2 46	0 58	24 14	0 47	23 30	0 29	17 53	1 34	21 23	0 37	21 31	0 59	26 5	17 19	22 10	22 14	5 4		n.a.
S 9	3 38	22 27	0 57	5 27	1 58	3 18	0 56	24 17	0 49	23 29	0 30	17 52	1 35	21 23	0 38	21 32	0 59	26 5	17 19	22 10	22 15	5 7		n.a.
M10	4 2	22 1	0n11	5 21	2 5	3 49	0 54	24 20	0 51	23 29	0 30	17 50	1 35	21 23	0 38	21 32	0 59	26 5	17 19	22 10	22 15	5 9		n.a.
T 11	4 26	20 20	1 20	5 10	2 10	4 21	0 53	24 23	0 53	23 29	0 30	17 49	1 35	21 22	0 38	21 32	0 59	26 5	17 19	22 10	22 16	5 12		n.a.
W12	4 50	17 26	2 27	4 54	2 14	4 52	0 51	24 26	0 55	23 28	0 30	17 48	1 35	21 22	0 38	21 32	0 59	26 5	17 18	22 10	22 16	5 15		n.a.
T 13	5 14	13 24	3 27	4 35	2 16	5 23	0 49	24 29	0 57	23 28	0 30	17 46	1 35	21 22	0 38	21 32	0 58	26 6	17 18	22 11	22 17	5 17		n.a.
F 14	5 38	8 26	4 16	4 12	2 17	5 55	0 47	24 32	0 59	23 28	0 31	17 45	1 36	21 22	0 38	21 33	0 58	26 6	17 18	22 12	22 17	5 20		n.a.
S 15	6 2	2 51	4 48	3 46	2 18	6 26	0 45	24 34	1 1	23 27	0 31	17 43	1 36	21 21	0 38	21 33	0 58	26 6	17 18	22 14	22 18	5 22		n.a.
S 16	6 26	2s59	5 0	3 18	2 17	6 57	0 43	24 37	1 3	23 27	0 31	17 42	1 36	21 21	0 38	21 33	0 58	26 6	17 17	22 15	22 18	5 25		n.a.
M17	6 49	8 39	4 50	2 47	2 16	7 27	0 41	24 40	1 5	23 27	0 31	17 41	1 36	21 21	0 38	21 33	0 58	26 6	17 17	22 17	22 19	5 27		n.a.
T 18	7 13	13 43	4 20	2 14	2 13	7 58	0 39	24 43	1 7	23 27	0 31	17 40	1 36	21 21	0 38	21 34	0 58	26 6	17 17	22 19	22 19	5 30		n.a.
W19	7 36	17 50	3 33	1 40	2 11	8 29	0 36	24 45	1 10	23 26	0 32	17 38	1 37	21 20	0 38	21 34	0 58	26 6	17 17	22 20	22 20	5 32		n.a.
T 20	8 0	20 45	2 34	1 4	2 7	8 59	0 34	24 48	1 12	23 26	0 32	17 37	1 37	21 20	0 38	21 34	0 58	26 6	17 16	22 20	22 20	5 35		n.a.
F 21	8 23	22 18	1 27	0 27	2 3	9 29	0 32	24 51	1 14	23 26	0 32	17 36	1 37	21 20	0 38	21 34	0 58	26 6	17 16	22 21	22 21	5 37		n.a.
S 22	8 46	22 30	0 17	0s12	1 59	9 59	0 30	24 54	1 16	23 26	0 32	17 35	1 37	21 20	0 38	21 35	0 58	26 6	17 16	22 21	22 21	5 40		n.a.
S 23	9 9	21 26	0s52	0 51	1 54	10 28	0 28	24 56	1 19	23 26	0 32	17 34	1 38	21 20	0 38	21 35	0 58	26 6	17 16	22 21	22 21	5 42		n.a.
M24	9 32	19 18	1 56	1 31	1 49	10 57	0 25	24 59	1 21	23 25	0 33	17 33	1 38	21 19	0 38	21 35	0 58	26 6	17 15	22 21	22 22	5 45		n.a.
T 25	9 54	16 18	2 53	2 11	1 43	11 26	0 23	25 2	1 23	23 25	0 33	17 32	1 38	21 19	0 38	21 35	0 58	26 6	17 15	22 21	22 22	5 47		n.a.
W26	10 17	12 39	3 41	2 52	1 38	11 55	0 21	25 4	1 26	23 25	0 33	17 30	1 38	21 19	0 38	21 36	0 58	26 6	17 15	22 22	22 23	5 50		n.a.
T 27	10 39	8 32	4 19	3 33	1 32	12 24	0 19	25 7	1 28	23 25	0 33	17 29	1 38	21 19	0 38	21 36	0 58	26 6	17 14	22 23	22 23	5 52		n.a.
F 28	11 1	4 7	4 45	4 15	1 26	12 52	0 16	25 10	1 30	23 25	0 34	17 28	1 39	21 19	0 38	21 36	0 58	26 6	17 14	22 25	22 24	5 55		n.a.
S 29	11 23	0n26	4 58	4 56	1 19	13 20	0 14	25 12	1 33	23 25	0 34	17 27	1 39	21 19	0 38	21 36	0 58	26 6	17 14	22 27	22 24	5 58		n.a.
S 30	11 45	4 57	4 58	5 38	1 13	13 47	0 12	25 15	1 35	23 25	0 34	17 27	1 39	21 19	0 38	21 37	0 58	26 6	17 13	22 29	22 25	6 0		n.a.
M31	12s 6	9n18	4s45	6s19	1n 6	14s14	0n 9	25n17	1n38	23n25	0n34	17n26	1n39	21n18	0n38	21s37	0n58	26s 6	17s13	22n31	22n25	6n 3		n.a.

Julian Day Number = 1486475.5, Delta T = 05h18m19s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'27, Lahiri = -12°50'26 Julian Calendar 1 Oct. 644 BCE == Greg. Calendar 24 Sept. 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

NOVEMBER 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 12 56	2♏22'14	18♉ 8	20♎ 1	9♏18	24♊34	15♋34	17♌24	28♋50	12♐14	3°R57	17°R58	18♋51	27♈46	n.a.	T 1
W 2	2 16 52	3°23'17	0♊ 4	21°34	10°33	24°R35	15°35	17°27	28°50	12°16	3♓56	17♋47	18°48	27°53	n.a.	W 2
T 3	2 20 49	4°24'22	12° 4	23° 6	11°48	24°35	15°36	17°31	28°51	12°18	3°56	17°39	18°45	28° 0	n.a.	T 3
F 4	2 24 45	5°25'28	24°11	24°39	13° 4	24°34	15°37	17°34	28°51	12°20	3°55	17°33	18°42	28° 7	n.a.	F 4
S 5	2 28 42	6°26'35	6♋27	26°12	14°19	24°32	15°38	17°37	28°52	12°22	3°55	17°31	18°38	28°13	n.a.	S 5
S 6	2 32 39	7°27'42	18°57	27°45	15°35	24°30	15°39	17°40	28°52	12°24	3°55	17°D30	18°35	28°20	n.a.	S 6
M 7	2 36 35	8°28'51	1♌44	29°18	16°50	24°26	15°39	17°43	28°52	12°26	3°54	17°31	18°32	28°27	n.a.	M 7
T 8	2 40 32	9°30'01	14°54	0♏51	18° 6	24°22	15°R39	17°46	28°52	12°28	3°54	17°R31	18°29	28°33	n.a.	T 8
W 9	2 44 28	10°31'12	28°29	2°25	19°21	24°17	15°39	17°49	28°53	12°30	3°53	17°29	18°26	28°40	n.a.	W 9
T 10	2 48 25	11°32'24	12♍33	3°58	20°36	24°11	15°39	17°52	28°53	12°32	3°53	17°26	18°22	28°47	n.a.	T 10
F 11	2 52 21	12°33'37	27° 3	5°32	21°52	24° 4	15°38	17°54	28°R53	12°34	3°53	17°19	18°19	28°54	n.a.	F 11
S 12	2 56 18	13°34'51	11♎58	7° 5	23° 7	23°57	15°38	17°57	28°53	12°36	3°52	17°11	18°16	29° 0	n.a.	S 12
S 13	3 0 14	14°36'05	27°10	8°39	24°23	23°49	15°37	17°59	28°52	12°38	3°52	17° 1	18°13	29° 7	n.a.	S 13
M14	3 4 11	15°37'20	12♏28	10°13	25°38	23°39	15°36	18° 1	28°52	12°40	3°52	16°51	18°10	29°14	n.a.	M14
T 15	3 8 8	16°38'36	27°42	11°47	26°53	23°29	15°35	18° 4	28°52	12°42	3°52	16°42	18° 7	29°20	n.a.	T 15
W16	3 12 4	17°39'52	12♐40	13°21	28° 9	23°18	15°33	18° 6	28°52	12°44	3°51	16°36	18° 3	29°27	n.a.	W16
T 17	3 16 1	18°41'08	27°15	14°55	29°24	23° 7	15°32	18° 8	28°52	12°46	3°51	16°32	18° 0	29°34	n.a.	T 17
F 18	3 19 57	19°42'24	11♑21	16°30	0♐40	22°54	15°30	18° 9	28°51	12°48	3°51	16°D30	17°57	29°41	n.a.	F 18
S 19	3 23 54	20°43'41	24°58	18° 4	1°55	22°41	15°28	18°11	28°51	12°51	3°51	16°30	17°54	29°47	n.a.	S 19
S 20	3 27 50	21°44'57	8♒ 8	19°39	3°10	22°27	15°26	18°13	28°50	12°53	3°51	16°31	17°51	29°54	n.a.	S 20
M21	3 31 47	22°46'14	20°53	21°14	4°26	22°12	15°23	18°14	28°50	12°55	3°51	16°R32	17°47	0♉ 1	n.a.	M21
T 22	3 35 44	23°47'30	3♓18	22°50	5°41	21°56	15°21	18°16	28°49	12°57	3°51	16°31	17°44	0° 8	n.a.	T 22
W23	3 39 40	24°48'46	15°29	24°25	6°56	21°40	15°18	18°17	28°48	12°59	3°51	16°29	17°41	0°14	n.a.	W23
T 24	3 43 37	25°50'02	27°29	26° 1	8°11	21°23	15°15	18°18	28°48	13° 1	3°51	16°24	17°38	0°21	n.a.	T 24
F 25	3 47 33	26°51'18	9♈24	27°37	9°27	21° 5	15°12	18°20	28°47	13° 4	3°D51	16°17	17°35	0°28	n.a.	F 25
S 26	3 51 30	27°52'34	21°15	29°13	10°42	20°46	15° 8	18°21	28°46	13° 6	3°51	16° 8	17°32	0°34	n.a.	S 26
S 27	3 55 26	28°53'50	3♉ 7	0♐50	11°57	20°27	15° 5	18°22	28°45	13° 8	3°51	15°59	17°28	0°41	n.a.	S 27
M28	3 59 23	29°55'05	15° 1	2°27	13°12	20° 8	15° 1	18°22	28°44	13°10	3°51	15°49	17°25	0°48	n.a.	M28
T 29	4 3 19	0♐56'20	27° 0	4° 5	14°28	19°48	14°57	18°23	28°43	13°12	3°51	15°40	17°22	0°55	n.a.	T 29
W30	4 7 16	1♐57'36	9♊ 3	5♐42	15♐43	19♊27	14♋53	18♌24	28♋42	13♐15	3♓51	15♋33	17♋19	1♉ 1	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s28	13n19	4s20	7s 1	1n 0	14s41	0n 7	25n20	1n40	23n25	0n35	17n25	1n40	21n18	0n38	21s37	0n58	26s 6	17s13	22n33	22n26	6n 5		n.a.
W 2	12 49	16 49	3 43	7 42	0 53	15 7	0 4	25 23	1 43	23 25	0 35	17 24	1 40	21 18	0 39	21 37	0 58	26 6	17 13	22 34	22 26	6 8		n.a.
T 3	13 10	19 39	2 56	8 23	0 46	15 33	0 2	25 25	1 46	23 25	0 35	17 23	1 40	21 18	0 39	21 38	0 58	26 6	17 12	22 35	22 26	6 10		n.a.
F 4	13 31	21 38	2 0	9 4	0 39	15 59	0s 0	25 28	1 48	23 26	0 35	17 22	1 40	21 18	0 39	21 38	0 58	26 6	17 12	22 36	22 27	6 13		n.a.
S 5	13 51	22 38	0 58	9 45	0 33	16 24	0 3	25 30	1 51	23 26	0 35	17 22	1 40	21 18	0 39	21 38	0 58	26 6	17 12	22 36	22 27	6 15		n.a.
S 6	14 12	22 32	0n 8	10 25	0 26	16 49	0 5	25 33	1 53	23 26	0 36	17 21	1 41	21 18	0 39	21 39	0 58	26 5	17 11	22 36	22 28	6 18		n.a.
M 7	14 32	21 16	1 15	11 5	0 19	17 13	0 8	25 35	1 56	23 26	0 36	17 20	1 41	21 18	0 39	21 39	0 58	26 5	17 11	22 36	22 28	6 20		n.a.
T 8	14 51	18 49	2 20	11 44	0 12	17 37	0 10	25 38	1 59	23 26	0 36	17 19	1 41	21 18	0 39	21 39	0 58	26 5	17 11	22 36	22 29	6 23		n.a.
W 9	15 11	15 17	3 20	12 24	0 5	18 0	0 12	25 40	2 2	23 26	0 36	17 19	1 41	21 18	0 39	21 39	0 58	26 5	17 10	22 37	22 29	6 25		n.a.
T 10	15 30	10 46	4 9	13 2	0s 1	18 23	0 15	25 43	2 4	23 27	0 37	17 18	1 42	21 18	0 39	21 40	0 58	26 5	17 10	22 37	22 29	6 28		n.a.
F 11	15 49	5 32	4 45	13 40	0 8	18 46	0 17	25 45	2 7	23 27	0 37	17 18	1 42	21 18	0 39	21 40	0 58	26 5	17 9	22 38	22 30	6 30		n.a.
S 12	16 8	0s10	5 2	14 18	0 14	19 8	0 20	25 47	2 10	23 27	0 37	17 17	1 42	21 18	0 39	21 40	0 57	26 4	17 9	22 39	22 30	6 33		n.a.
S 13	16 27	5 58	4 59	14 55	0 21	19 29	0 22	25 50	2 12	23 28	0 37	17 17	1 42	21 18	0 39	21 41	0 57	26 4	17 9	22 40	22 31	6 35		n.a.
M14	16 45	11 27	4 34	15 31	0 27	19 50	0 24	25 52	2 15	23 28	0 38	17 16	1 43	21 18	0 39	21 41	0 57	26 4	17 8	22 42	22 31	6 38		n.a.
T 15	17 3	16 11	3 50	16 7	0 34	20 10	0 27	25 54	2 18	23 28	0 38	17 16	1 43	21 18	0 39	21 41	0 57	26 4	17 8	22 43	22 32	6 41		n.a.
W16	17 20	19 49	2 50	16 42	0 40	20 30	0 29	25 56	2 21	23 29	0 38	17 15	1 43	21 19	0 39	21 41	0 57	26 3	17 8	22 43	22 32	6 43		n.a.
T 17	17 37	22 3	1 41	17 16	0 46	20 49	0 31	25 58	2 23	23 29	0 38	17 15	1 43	21 19	0 39	21 42	0 57	26 3	17 7	22 44	22 33	6 46		n.a.
F 18	17 54	22 49	0 28	17 50	0 52	21 7	0 34	26 0	2 26	23 30	0 38	17 14	1 44	21 19	0 39	21 42	0 57	26 3	17 7	22 44	22 33	6 48		n.a.
S 19	18 11	22 11	0s45	18 22	0 58	21 25	0 36	26 2	2 29	23 30	0 39	17 14	1 44	21 19	0 39	21 42	0 57	26 3	17 7	22 44	22 33	6 51		n.a.
S 20	18 27	20 19	1 53	18 54	1 3	21 42	0 38	26 4	2 31	23 31	0 39	17 14	1 44	21 19	0 39	21 43	0 57	26 2	17 6	22 44	22 34	6 53		n.a.
M21	18 43	17 28	2 54	19 26	1 9	21 59	0 40	26 6	2 34	23 31	0 39	17 14	1 44	21 19	0 39	21 43	0 57	26 2	17 6	22 44	22 34	6 56		n.a.
T 22	18 59	13 54	3 44	19 56	1 14	22 15	0 43	26 8	2 37	23 32	0 39	17 13	1 45	21 19	0 39	21 43	0 57	26 2	17 6	22 44	22 35	6 58		n.a.
W23	19 14	9 50	4 23	20 25	1 19	22 30	0 45	26 9	2 39	23 32	0 40	17 13	1 45	21 20	0 39	21 44	0 57	26 1	17 5	22 44	22 35	7 1		n.a.
T 24	19 29	5 26	4 50	20 53	1 24	22 45	0 47	26 11	2 42	23 33	0 40	17 13	1 45	21 20	0 39	21 44	0 57	26 1	17 5	22 45	22 35	7 3		n.a.
F 25	19 44	0 53	5 4	21 21	1 29	22 59	0 49	26 12	2 45	23 33	0 40	17 13	1 45	21 20	0 39	21 44	0 57	26 1	17 4	22 46	22 36	7 6		n.a.
S 26	19 58	3n41	5 5	21 47	1 34	23 12	0 51	26 13	2 47	23 34	0 40	17 13	1 46	21 20	0 40	21 44	0 57	26 0	17 4	22 47	22 36	7 8		n.a.
S 27	20 11	8 8	4 53	22 12	1 38	23 25	0 53	26 15	2 50	23 35	0 41	17 13	1 46	21 20	0 40	21 45	0 57	26 0	17 4	22 48	22 37	7 11		n.a.
M28	20 25	12 18	4 28	22 36	1 42	23 37	0 55	26 15	2 52	23 35	0 41	17 13	1 46	21 21	0 40	21 45	0 57	26 0	17 3	22 49	22 37	7 13		n.a.
T 29	20 38	16 0	3 51	22 59	1 46	23 48	0 57	26 16	2 54	23 36	0 41	17 13	1 47	21 21	0 40	21 45	0 57	25 59	17 3	22 50	22 38	7 16		n.a.
W30	20s50	19n 5	3s 4	23s21	1s49	23s58	0s59	26n17	2n57	23n37	0n41	17n13	1n47	21n21	0n40	21s46	0n57	25s59	17s 3	22n51	22n38	7n18		n.a.

Julian Day Number = 1486506.5, Delta T = 05h18m17s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'22, Lahiri = -12°50'22 Julian Calendar 1 Nov. 644 BCE == Greg. Calendar 25 Oct. 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 644 BCE
geocentric

DECEMBER 644 BCE (-643) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 11 13	2♐58'51	21♊14	7♐20	16♐58	19°R 6	14°R49	18♌24	28°R41	13♐17	3♓51	15°R28	17♋16	1♉ 8	n.a.	T 1
F 2	4 15 9	4° 0'06	3♋32	8°59	18°13	18♊44	14♋44	18°25	28♋40	13°19	3°51	15♋25	17°13	1°15	n.a.	F 2
S 3	4 19 6	5° 1'21	16° 1	10°37	19°28	18°22	14°40	18°25	28°39	13°21	3°51	15°D25	17° 9	1°21	n.a.	S 3
S 4	4 23 2	6° 2'36	28°41	12°16	20°44	17°59	14°35	18°25	28°38	13°24	3°52	15°25	17° 6	1°28	n.a.	S 4
M 5	4 26 59	7° 3'50	11♌36	13°56	21°59	17°36	14°30	18°R25	28°37	13°26	3°52	15°27	17° 3	1°35	n.a.	M 5
T 6	4 30 55	8° 5'05	24°47	15°35	23°14	17°13	14°25	18°25	28°35	13°28	3°52	15°28	17° 0	1°42	n.a.	T 6
W 7	4 34 52	9° 6'20	8♍19	17°15	24°29	16°49	14°20	18°25	28°34	13°30	3°52	15°R29	16°57	1°48	n.a.	W 7
T 8	4 38 49	10° 7'34	22°11	18°55	25°44	16°26	14°14	18°24	28°32	13°33	3°53	15°28	16°53	1°55	n.a.	T 8
F 9	4 42 45	11° 8'48	6♎25	20°35	26°59	16° 2	14° 9	18°24	28°31	13°35	3°53	15°26	16°50	2° 2	n.a.	F 9
S 10	4 46 42	12°10'02	20°59	22°16	28°14	15°38	14° 3	18°24	28°29	13°37	3°53	15°23	16°47	2° 9	n.a.	S 10
S 11	4 50 38	13°11'15	5♏48	23°56	29°29	15°14	13°57	18°23	28°28	13°40	3°54	15°18	16°44	2°15	n.a.	S 11
M12	4 54 35	14°12'29	20°45	25°36	0♑44	14°50	13°51	18°22	28°26	13°42	3°54	15°13	16°41	2°22	n.a.	M12
T 13	4 58 31	15°13'41	5♐42	27°17	1°59	14°25	13°45	18°21	28°25	13°44	3°54	15° 9	16°38	2°29	n.a.	T 13
W14	5 2 28	16°14'54	20°30	28°57	3°15	14° 1	13°39	18°21	28°23	13°46	3°55	15° 5	16°34	2°35	n.a.	W14
T 15	5 6 24	17°16'05	5♑ 2	0♑36	4°30	13°37	13°32	18°19	28°21	13°49	3°55	15° 4	16°31	2°42	n.a.	T 15
F 16	5 10 21	18°17'16	19°11	2°15	5°45	13°14	13°26	18°18	28°19	13°51	3°56	15°D 3	16°28	2°49	n.a.	F 16
S 17	5 14 18	19°18'26	2♒54	3°52	7° 0	12°50	13°19	18°17	28°18	13°53	3°56	15° 4	16°25	2°56	n.a.	S 17
S 18	5 18 14	20°19'34	16°11	5°29	8°14	12°27	13°13	18°16	28°16	13°55	3°57	15° 6	16°22	3° 2	n.a.	S 18
M19	5 22 11	21°20'42	29° 4	7° 4	9°29	12° 4	13° 6	18°14	28°14	13°58	3°57	15° 7	16°19	3° 9	n.a.	M19
T 20	5 26 7	22°21'48	11♓35	8°37	10°44	11°41	12°59	18°13	28°12	14° 0	3°58	15° 9	16°15	3°16	n.a.	T 20
W21	5 30 4	23°22'53	23°50	10° 8	11°59	11°19	12°52	18°11	28°10	14° 2	3°59	15°R 9	16°12	3°22	n.a.	W21
T 22	5 34 0	24°23'57	5♈52	11°36	13°14	10°57	12°44	18° 9	28° 8	14° 5	3°59	15° 9	16° 9	3°29	n.a.	T 22
F 23	5 37 57	25°24'59	17°46	13° 1	14°29	10°36	12°37	18° 7	28° 6	14° 7	4° 0	15° 7	16° 6	3°36	n.a.	F 23
S 24	5 41 53	26°26'00	29°38	14°22	15°44	10°15	12°30	18° 6	28° 4	14° 9	4° 0	15° 5	16° 3	3°43	n.a.	S 24
S 25	5 45 50	27°27'00	11♉30	15°38	16°59	9°55	12°22	18° 3	28° 2	14°11	4° 1	15° 2	15°59	3°49	n.a.	S 25
M26	5 49 47	28°27'59	23°27	16°49	18°13	9°35	12°15	18° 1	28° 0	14°13	4° 2	14°59	15°56	3°56	n.a.	M26
T 27	5 53 43	29°28'56	5♊30	17°53	19°28	9°16	12° 7	17°59	27°57	14°16	4° 3	14°57	15°53	4° 3	n.a.	T 27
W28	5 57 40	0♑29'52	17°43	18°51	20°43	8°57	12° 0	17°57	27°55	14°18	4° 3	14°55	15°50	4° 9	n.a.	W28
T 29	6 1 36	1°30'47	0♋ 7	19°41	21°58	8°39	11°52	17°54	27°53	14°20	4° 4	14°53	15°47	4°16	n.a.	T 29
F 30	6 5 33	2°31'41	12°43	20°22	23°12	8°22	11°44	17°52	27°51	14°22	4° 5	14°D53	15°44	4°23	n.a.	F 30
S 31	6 9 29	3♑32'33	25♋31	20♑55	24♑27	8♊ 6	11♋36	17♌49	27♋48	14♐24	4♓ 6	14♋53	15♋40	4♉30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21s 3	21n22	2s 7	23s41	1s52	24s 8	1s 1	26n18	2n59	23n37	0n41	17n13	1n47	21n21	0n40	21s46	0n57	25s59	17s 2	22n52	22n38	7n21			n.a.
F 2	21 15	22 39	1 4	24 0	1 55	24 17	1 3	26 18	3 1	23 38	0 42	17 13	1 47	21 22	0 40	21 46	0 57	25 58	17 2	22 52	22 39	7 24			n.a.
S 3	21 26	22 51	0n 3	24 17	1 58	24 25	1 5	26 18	3 4	23 39	0 42	17 13	1 48	21 22	0 40	21 47	0 57	25 58	17 2	22 52	22 39	7 26			n.a.
S 4	21 37	21 53	1 12	24 34	2 0	24 33	1 7	26 18	3 6	23 40	0 42	17 13	1 48	21 22	0 40	21 47	0 57	25 57	17 1	22 52	22 40	7 29			n.a.
M 5	21 47	19 45	2 18	24 48	2 2	24 40	1 8	26 18	3 8	23 40	0 42	17 14	1 48	21 23	0 40	21 47	0 57	25 57	17 1	22 52	22 40	7 31			n.a.
T 6	21 58	16 32	3 18	25 1	2 3	24 46	1 10	26 18	3 10	23 41	0 43	17 14	1 48	21 23	0 40	21 47	0 57	25 57	17 0	22 52	22 40	7 34			n.a.
W 7	22 7	12 24	4 9	25 13	2 4	24 51	1 12	26 17	3 12	23 42	0 43	17 14	1 49	21 23	0 40	21 48	0 57	25 56	17 0	22 52	22 41	7 36			n.a.
T 8	22 17	7 31	4 47	25 23	2 5	24 55	1 13	26 17	3 14	23 43	0 43	17 15	1 49	21 23	0 40	21 48	0 57	25 56	17 0	22 52	22 41	7 39			n.a.
F 9	22 25	2 7	5 8	25 31	2 5	24 59	1 15	26 16	3 15	23 44	0 43	17 15	1 49	21 24	0 40	21 48	0 57	25 55	16 59	22 52	22 42	7 41			n.a.
S 10	22 34	3s31	5 10	25 37	2 5	25 2	1 16	26 15	3 17	23 44	0 43	17 15	1 49	21 24	0 40	21 49	0 57	25 55	16 59	22 52	22 42	7 44			n.a.
S 11	22 42	9 3	4 52	25 41	2 4	25 4	1 18	26 14	3 19	23 45	0 44	17 16	1 50	21 25	0 40	21 49	0 57	25 54	16 59	22 53	22 42	7 46			n.a.
M12	22 49	14 6	4 14	25 44	2 2	25 5	1 19	26 13	3 20	23 46	0 44	17 16	1 50	21 25	0 40	21 49	0 57	25 54	16 58	22 53	22 43	7 49			n.a.
T 13	22 56	18 18	3 19	25 45	2 0	25 6	1 20	26 11	3 22	23 47	0 44	17 17	1 50	21 25	0 40	21 49	0 57	25 53	16 58	22 54	22 43	7 51			n.a.
W14	23 3	21 15	2 10	25 44	1 58	25 6	1 22	26 10	3 23	23 48	0 44	17 17	1 50	21 26	0 40	21 50	0 57	25 53	16 58	22 54	22 44	7 54			n.a.
T 15	23 9	22 46	0 55	25 40	1 54	25 5	1 23	26 8	3 24	23 49	0 45	17 18	1 51	21 26	0 40	21 50	0 57	25 52	16 57	22 54	22 44	7 56			n.a.
F 16	23 15	22 45	0s23	25 35	1 50	25 3	1 24	26 6	3 26	23 49	0 45	17 18	1 51	21 26	0 40	21 50	0 57	25 52	16 57	22 55	22 44	7 59			n.a.
S 17	23 20	21 21	1 37	25 28	1 45	25 0	1 25	26 4	3 27	23 50	0 45	17 19	1 51	21 27	0 40	21 51	0 57	25 51	16 56	22 54	22 45	8 1			n.a.
S 18	23 25	18 47	2 43	25 19	1 40	24 57	1 26	26 2	3 28	23 51	0 45	17 20	1 51	21 27	0 40	21 51	0 57	25 51	16 56	22 54	22 45	8 4			n.a.
M19	23 29	15 22	3 39	25 8	1 34	24 53	1 27	26 0	3 29	23 52	0 45	17 20	1 52	21 28	0 40	21 51	0 57	25 50	16 56	22 54	22 46	8 6			n.a.
T 20	23 33	11 21	4 23	24 55	1 26	24 48	1 28	25 57	3 29	23 53	0 45	17 21	1 52	21 28	0 40	21 51	0 57	25 50	16 55	22 54	22 46	8 9			n.a.
W21	23 36	6 58	4 54	24 41	1 18	24 42	1 29	25 55	3 30	23 54	0 46	17 22	1 52	21 28	0 40	21 52	0 57	25 49	16 55	22 54	22 46	8 11			n.a.
T 22	23 39	2 23	5 11	24 24	1 9	24 36	1 30	25 52	3 31	23 55	0 46	17 23	1 52	21 29	0 40	21 52	0 57	25 49	16 55	22 54	22 47	8 14			n.a.
F 23	23 41	2n14	5 15	24 7	0 59	24 29	1 31	25 50	3 31	23 56	0 46	17 23	1 53	21 29	0 40	21 52	0 57	25 48	16 54	22 54	22 47	8 17			n.a.
S 24	23 43	6 45	5 5	23 47	0 49	24 21	1 31	25 47	3 32	23 57	0 46	17 24	1 53	21 30	0 40	21 53	0 57	25 47	16 54	22 54	22 48	8 19			n.a.
S 25	23 45	11 1	4 42	23 27	0 37	24 12	1 32	25 45	3 32	23 57	0 46	17 25	1 53	21 30	0 41	21 53	0 57	25 47	16 54	22 55	22 48	8 22			n.a.
M26	23 46	14 54	4 7	23 5	0 24	24 2	1 33	25 42	3 33	23 58	0 47	17 26	1 53	21 31	0 41	21 53	0 57	25 46	16 53	22 55	22 48	8 24			n.a.
T 27	23 46	18 14	3 21	22 43	0 10	23 52	1 33	25 39	3 33	23 59	0 47	17 27	1 54	21 31	0 41	21 53	0 57	25 46	16 53	22 55	22 49	8 27			n.a.
W28	23 46	20 48	2 25	22 21	0n 5	23 41	1 34	25 36	3 33	24 0	0 47	17 28	1 54	21 32	0 41	21 54	0 57	25 45	16 53	22 56	22 49	8 29			n.a.
T 29	23 46	22 26	1 21	21 58	0 20	23 30	1 34	25 33	3 33	24 1	0 47	17 29	1 54	21 32	0 41	21 54	0 57	25 45	16 52	22 56	22 49	8 32			n.a.
F 30	23 45	22 57	0 12	21 36	0 37	23 17	1 34	25 31	3 33	24 2	0 47	17 30	1 54	21 33	0 41	21 54	0 57	25 44	16 52	22 56	22 50	8 34			n.a.
S 31	23s43	22n17	0n59	21s14	0n54	23s 4	1s34	25n28	3n33	24n 3	0n47	17n31	1n54	21n33	0n41	21s54	0n57	25s43	16s52	22n56	22n50	8n37			n.a.

Julian Day Number = 1486536.5, Delta T = 05h18m16s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'18, Lahiri = -12°50'18 Julian Calendar 1 Dec. 644 BCE == Greg. Calendar 24 Nov. 644 BCE

The year -643 astronomical counting style corresponds to year 644 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

JANUARY 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 13 26	4♉33'24	8♌32	21♉17	25♉42	7°R50	11°R29	17°R46	27°R46	14♐27	4♓ 6	14♋54	15♋37	4♉36	n.a.	S 1
M 2	6 17 23	5°34'14	21°46	21°28	26°56	7♊35	11♋21	17♌44	27♋44	14°29	4° 7	14°55	15°34	4°43	n.a.	M 2
T 3	6 21 19	6°35'03	5♍13	21°R29	28°11	7°21	11°13	17°41	27°41	14°31	4° 8	14°55	15°31	4°50	n.a.	T 3
W 4	6 25 16	7°35'50	18°54	21°19	29°25	7° 7	11° 5	17°38	27°39	14°33	4° 9	14°56	15°28	4°56	n.a.	W 4
T 5	6 29 12	8°36'37	2♎47	20°58	0♒40	6°54	10°57	17°35	27°37	14°35	4°10	14°R56	15°25	5° 3	n.a.	T 5
F 6	6 33 9	9°37'22	16°53	20°26	1°54	6°42	10°49	17°32	27°34	14°37	4°11	14°56	15°21	5°10	n.a.	F 6
S 7	6 37 5	10°38'06	1♏ 9	19°45	3° 9	6°31	10°41	17°28	27°32	14°39	4°12	14°56	15°18	5°17	n.a.	S 7
S 8	6 41 2	11°38'49	15°34	18°55	4°23	6°20	10°33	17°25	27°29	14°41	4°13	14°56	15°15	5°23	n.a.	S 8
M 9	6 44 58	12°39'30	0♐ 2	17°58	5°38	6°11	10°25	17°22	27°27	14°44	4°14	14°56	15°12	5°30	n.a.	M 9
T 10	6 48 55	13°40'10	14°31	16°55	6°52	6° 2	10°17	17°18	27°24	14°46	4°15	14°55	15° 9	5°37	n.a.	T 10
W11	6 52 52	14°40'49	28°54	15°49	8° 7	5°54	10° 9	17°15	27°22	14°48	4°16	14°D55	15° 5	5°43	n.a.	W11
T 12	6 56 48	15°41'27	13♑ 5	14°40	9°21	5°47	10° 1	17°11	27°19	14°50	4°17	14°R55	15° 2	5°50	n.a.	T 12
F 13	7 0 45	16°42'02	27° 1	13°31	10°35	5°40	9°53	17° 7	27°17	14°52	4°18	14°55	14°59	5°57	n.a.	F 13
S 14	7 4 41	17°42'36	10♒38	12°23	11°49	5°34	9°46	17° 4	27°14	14°54	4°19	14°55	14°56	6° 4	n.a.	S 14
S 15	7 8 38	18°43'08	23°54	11°19	13° 4	5°30	9°38	17° 0	27°11	14°56	4°20	14°55	14°53	6°10	n.a.	S 15
M16	7 12 34	19°43'38	6♓49	10°19	14°18	5°26	9°30	16°56	27° 9	14°58	4°21	14°54	14°50	6°17	n.a.	M16
T 17	7 16 31	20°44'06	19°24	9°24	15°32	5°22	9°22	16°52	27° 6	15° 0	4°22	14°53	14°46	6°24	n.a.	T 17
W18	7 20 27	21°44'32	1♈43	8°36	16°46	5°20	9°15	16°48	27° 4	15° 2	4°23	14°53	14°43	6°30	n.a.	W18
T 19	7 24 24	22°44'56	13°48	7°55	18° 0	5°18	9° 7	16°44	27° 1	15° 3	4°24	14°52	14°40	6°37	n.a.	T 19
F 20	7 28 21	23°45'18	25°44	7°21	19°14	5°17	9° 0	16°40	26°58	15° 5	4°25	14°D52	14°37	6°44	n.a.	F 20
S 21	7 32 17	24°45'38	7♉36	6°55	20°28	5°D17	8°52	16°36	26°56	15° 7	4°27	14°53	14°34	6°51	n.a.	S 21
S 22	7 36 14	25°45'55	19°29	6°35	21°42	5°17	8°45	16°32	26°53	15° 9	4°28	14°53	14°31	6°57	n.a.	S 22
M23	7 40 10	26°46'11	1♊27	6°24	22°56	5°19	8°37	16°27	26°51	15°11	4°29	14°54	14°27	7° 4	n.a.	M23
T 24	7 44 7	27°46'24	13°34	6°D19	24°10	5°21	8°30	16°23	26°48	15°13	4°30	14°56	14°24	7°11	n.a.	T 24
W25	7 48 3	28°46'36	25°54	6°20	25°24	5°23	8°23	16°19	26°45	15°14	4°31	14°57	14°21	7°17	n.a.	W25
T 26	7 52 0	29°46'45	8♋29	6°28	26°38	5°27	8°16	16°14	26°43	15°16	4°33	14°57	14°18	7°24	n.a.	T 26
F 27	7 55 56	0♒46'52	21°21	6°42	27°51	5°31	8° 9	16°10	26°40	15°18	4°34	14°R57	14°15	7°31	n.a.	F 27
S 28	7 59 53	1°46'58	4♌31	7° 2	29° 5	5°36	8° 3	16° 6	26°37	15°20	4°35	14°57	14°11	7°38	n.a.	S 28
S 29	8 3 50	2°47'01	17°57	7°27	0♓19	5°41	7°56	16° 1	26°35	15°21	4°36	14°55	14° 8	7°44	n.a.	S 29
M30	8 7 46	3°47'02	1♍38	7°57	1°32	5°47	7°49	15°57	26°32	15°23	4°38	14°52	14° 5	7°51	n.a.	M30
T 31	8 11 43	4♒47'01	15♍32	8♉31	2♓46	5♊54	7♋43	15♌52	26♋30	15♐25	4♓39	14♋50	14♋ 2	7♉58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23 s42	20n26	2n 7	20 s54	1n11	22 s51	1 s35	25n25	3n33	24n 3	0n48	17n32	1n55	21n34	0n41	21 s55	0n57	25 s43	16 s51	22n56	22n51	8n39			n.a.
M 2	23 39	17 27	3 10	20 34	1 29	22 36	1 35	25 22	3 33	24 4	0 48	17 33	1 55	21 34	0 41	21 55	0 57	25 42	16 51	22 55	22 51	8 42			n.a.
T 3	23 36	13 30	4 4	20 16	1 47	22 21	1 35	25 20	3 32	24 5	0 48	17 34	1 55	21 35	0 41	21 55	0 57	25 42	16 51	22 55	22 51	8 44			n.a.
W 4	23 33	8 49	4 45	20 1	2 4	22 6	1 35	25 17	3 32	24 6	0 48	17 35	1 55	21 35	0 41	21 55	0 57	25 41	16 51	22 55	22 52	8 47			n.a.
T 5	23 29	3 36	5 10	19 47	2 22	21 49	1 34	25 14	3 32	24 7	0 48	17 37	1 56	21 36	0 41	21 56	0 57	25 40	16 50	22 55	22 52	8 49			n.a.
F 6	23 25	1 s51	5 17	19 35	2 38	21 32	1 34	25 12	3 31	24 8	0 48	17 38	1 56	21 36	0 41	21 56	0 57	25 40	16 50	22 55	22 52	8 52			n.a.
S 7	23 20	7 17	5 5	19 26	2 54	21 15	1 34	25 9	3 31	24 8	0 48	17 39	1 56	21 37	0 41	21 56	0 57	25 39	16 50	22 55	22 53	8 54			n.a.
S 8	23 15	12 22	4 33	19 19	3 8	20 57	1 34	25 7	3 30	24 9	0 49	17 40	1 56	21 37	0 41	21 56	0 57	25 38	16 49	22 55	22 53	8 57			n.a.
M 9	23 10	16 47	3 44	19 15	3 20	20 38	1 33	25 5	3 30	24 10	0 49	17 41	1 56	21 38	0 41	21 57	0 57	25 38	16 49	22 55	22 54	8 59			n.a.
T 10	23 4	20 12	2 41	19 12	3 30	20 18	1 33	25 2	3 29	24 11	0 49	17 43	1 57	21 38	0 41	21 57	0 57	25 37	16 49	22 55	22 54	9 2			n.a.
W11	22 57	22 18	1 28	19 12	3 38	19 58	1 32	25 0	3 28	24 11	0 49	17 44	1 57	21 39	0 41	21 57	0 57	25 37	16 49	22 55	22 54	9 4			n.a.
T 12	22 50	22 57	0 10	19 14	3 44	19 38	1 31	24 58	3 28	24 12	0 49	17 45	1 57	21 39	0 41	21 57	0 57	25 36	16 48	22 55	22 55	9 7			n.a.
F 13	22 43	22 8	1 s 7	19 18	3 48	19 17	1 31	24 56	3 27	24 13	0 49	17 47	1 57	21 40	0 41	21 57	0 57	25 35	16 48	22 55	22 55	9 9			n.a.
S 14	22 35	20 1	2 18	19 23	3 49	18 55	1 30	24 55	3 26	24 14	0 49	17 48	1 57	21 40	0 41	21 58	0 57	25 35	16 48	22 55	22 55	9 12			n.a.
S 15	22 27	16 52	3 20	19 30	3 48	18 33	1 29	24 53	3 25	24 14	0 49	17 49	1 58	21 41	0 41	21 58	0 57	25 34	16 47	22 55	22 56	9 14			n.a.
M16	22 18	12 59	4 10	19 37	3 45	18 10	1 28	24 51	3 24	24 15	0 49	17 51	1 58	21 41	0 41	21 58	0 57	25 33	16 47	22 56	22 56	9 17			n.a.
T 17	22 9	8 38	4 46	19 46	3 40	17 47	1 27	24 50	3 23	24 16	0 50	17 52	1 58	21 42	0 41	21 58	0 57	25 33	16 47	22 56	22 56	9 19			n.a.
W18	21 59	4 1	5 9	19 56	3 34	17 24	1 26	24 48	3 23	24 16	0 50	17 53	1 58	21 42	0 41	21 59	0 57	25 32	16 47	22 56	22 57	9 22			n.a.
T 19	21 49	0n39	5 17	20 7	3 26	17 0	1 25	24 47	3 22	24 17	0 50	17 55	1 58	21 43	0 41	21 59	0 57	25 31	16 47	22 56	22 57	9 24			n.a.
F 20	21 39	5 15	5 11	20 18	3 16	16 35	1 24	24 46	3 21	24 17	0 50	17 56	1 58	21 43	0 41	21 59	0 57	25 31	16 46	22 56	22 57	9 27			n.a.
S 21	21 28	9 38	4 52	20 29	3 6	16 10	1 23	24 45	3 20	24 18	0 50	17 58	1 59	21 44	0 41	21 59	0 57	25 30	16 46	22 56	22 58	9 29			n.a.
S 22	21 17	13 39	4 21	20 41	2 55	15 45	1 21	24 44	3 19	24 19	0 50	17 59	1 59	21 44	0 41	21 59	0 57	25 29	16 46	22 56	22 58	9 32			n.a.
M23	21 6	17 10	3 38	20 53	2 44	15 19	1 20	24 43	3 18	24 19	0 50	18 1	1 59	21 45	0 41	22 0	0 57	25 29	16 46	22 56	22 59	9 34			n.a.
T 24	20 54	20 1	2 45	21 6	2 32	14 53	1 18	24 43	3 17	24 20	0 50	18 2	1 59	21 46	0 41	22 0	0 57	25 28	16 45	22 55	22 59	9 37			n.a.
W25	20 41	21 59	1 44	21 18	2 19	14 26	1 17	24 42	3 16	24 20	0 50	18 4	1 59	21 46	0 41	22 0	0 57	25 27	16 45	22 55	22 59	9 39			n.a.
T 26	20 29	22 54	0 36	21 30	2 7	13 59	1 15	24 42	3 15	24 21	0 50	18 5	1 59	21 47	0 41	22 0	0 57	25 27	16 45	22 55	23 0	9 42			n.a.
F 27	20 16	22 38	0n35	21 42	1 54	13 32	1 13	24 42	3 13	24 21	0 50	18 6	1 59	21 47	0 41	22 0	0 57	25 26	16 45	22 55	23 0	9 44			n.a.
S 28	20 2	21 7	1 46	21 53	1 42	13 4	1 12	24 41	3 12	24 22	0 50	18 8	2 0	21 48	0 41	22 0	0 57	25 25	16 45	22 55	23 0	9 47			n.a.
S 29	19 49	18 23	2 52	22 4	1 30	12 36	1 10	24 41	3 11	24 22	0 50	18 9	2 0	21 48	0 41	22 1	0 57	25 25	16 44	22 55	23 1	9 49			n.a.
M30	19 34	14 36	3 50	22 15	1 17	12 8	1 8	24 41	3 10	24 23	0 51	18 11	2 0	21 49	0 41	22 1	0 57	25 24	16 44	22 56	23 1	9 52			n.a.
T 31	19 s20	9n59	4n35	22 s25	1n 5	11 s39	1 s 6	24n41	3n 9	24n23	0n51	18n12	2n 0	21n49	0n41	22 s 1	0n57	25 s23	16 s44	22n56	23n 1	9n54			n.a.

Julian Day Number = 1486567.5, Delta T = 05h18m15s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'14, Lahiri = -12°50'14 Julian Calendar 1 Jan. 643 BCE == Greg. Calendar 25 Dec. 644 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

FEBRUARY 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 15 39	5♒46'59	29♍34	9♉10	3♓59	6♊ 1	7°R37	15°R47	26°R27	15♐26	4♓40	14°R47	13♋59	8♉ 4	n.a.	W 1
T 2	8 19 36	6°46'54	13♎43	9°53	5°13	6° 9	7♋30	15♌43	26♋25	15°28	4°41	14♋45	13°56	8°11	n.a.	T 2
F 3	8 23 32	7°46'48	27°54	10°39	6°26	6°18	7°24	15°38	26°22	15°29	4°43	14°43	13°52	8°18	n.a.	F 3
S 4	8 27 29	8°46'40	12♏ 6	11°29	7°39	6°27	7°18	15°34	26°19	15°31	4°44	14°D43	13°49	8°25	n.a.	S 4
S 5	8 31 25	9°46'31	26°16	12°22	8°53	6°37	7°13	15°29	26°17	15°33	4°45	14°44	13°46	8°31	n.a.	S 5
M 6	8 35 22	10°46'19	10♐22	13°18	10° 6	6°47	7° 7	15°24	26°14	15°34	4°47	14°45	13°43	8°38	n.a.	M 6
T 7	8 39 18	11°46'06	24°22	14°17	11°19	6°58	7° 2	15°19	26°12	15°35	4°48	14°47	13°40	8°45	n.a.	T 7
W 8	8 43 15	12°45'51	8♑16	15°19	12°32	7°10	6°56	15°15	26° 9	15°37	4°49	14°R48	13°37	8°51	n.a.	W 8
T 9	8 47 12	13°45'34	22° 0	16°23	13°45	7°22	6°51	15°10	26° 7	15°38	4°51	14°48	13°33	8°58	n.a.	T 9
F 10	8 51 8	14°45'15	5♒32	17°29	14°58	7°34	6°46	15° 5	26° 4	15°40	4°52	14°46	13°30	9° 5	n.a.	F 10
S 11	8 55 5	15°44'54	18°51	18°38	16°11	7°47	6°41	15° 1	26° 2	15°41	4°54	14°43	13°27	9°12	n.a.	S 11
S 12	8 59 1	16°44'31	1♓54	19°49	17°24	8° 1	6°37	14°56	26° 0	15°42	4°55	14°38	13°24	9°18	n.a.	S 12
M13	9 2 58	17°44'06	14°42	21° 2	18°37	8°15	6°32	14°51	25°57	15°44	4°56	14°33	13°21	9°25	n.a.	M13
T 14	9 6 54	18°43'38	27°14	22°16	19°50	8°29	6°28	14°47	25°55	15°45	4°58	14°27	13°17	9°32	n.a.	T 14
W15	9 10 51	19°43'07	9♈32	23°33	21° 3	8°44	6°24	14°42	25°53	15°46	4°59	14°21	13°14	9°38	n.a.	W15
T 16	9 14 47	20°42'35	21°37	24°51	22°15	9° 0	6°20	14°37	25°50	15°48	5° 1	14°16	13°11	9°45	n.a.	T 16
F 17	9 18 44	21°42'00	3♉33	26°12	23°28	9°16	6°16	14°33	25°48	15°49	5° 2	14°13	13° 8	9°52	n.a.	F 17
S 18	9 22 41	22°41'22	15°25	27°33	24°40	9°32	6°12	14°28	25°46	15°50	5° 4	14°11	13° 5	9°59	n.a.	S 18
S 19	9 26 37	23°40'43	27°17	28°57	25°53	9°49	6° 9	14°23	25°43	15°51	5° 5	14°D11	13° 2	10° 5	n.a.	S 19
M20	9 30 34	24°40'01	9♊14	0♒22	27° 5	10° 6	6° 5	14°19	25°41	15°52	5° 6	14°12	12°58	10°12	n.a.	M20
T 21	9 34 30	25°39'16	21°22	1°48	28°17	10°24	6° 2	14°14	25°39	15°53	5° 8	14°13	12°55	10°19	n.a.	T 21
W22	9 38 27	26°38'29	3♋44	3°17	29°30	10°42	5°59	14°10	25°37	15°54	5° 9	14°15	12°52	10°25	n.a.	W22
T 23	9 42 23	27°37'40	16°24	4°46	0♈42	11° 0	5°56	14° 5	25°35	15°55	5°11	14°R15	12°49	10°32	n.a.	T 23
F 24	9 46 20	28°36'48	29°27	6°17	1°54	11°19	5°54	14° 1	25°33	15°56	5°12	14°14	12°46	10°39	n.a.	F 24
S 25	9 50 16	29°35'54	12♌53	7°50	3° 6	11°38	5°52	13°56	25°31	15°57	5°14	14°11	12°43	10°46	n.a.	S 25
S 26	9 54 13	0♓34'58	26°41	9°24	4°18	11°58	5°49	13°52	25°29	15°58	5°15	14° 6	12°39	10°52	n.a.	S 26
M27	9 58 10	1°33'59	10♍49	10°59	5°30	12°18	5°47	13°47	25°27	15°59	5°17	13°59	12°36	10°59	n.a.	M27
T 28	10 2 6	2♓32'58	25♍11	12♒36	6♈41	12♊38	5♋45	13♌43	25♋25	16♐ 0	5♓18	13♋51	12♋33	11♉ 6	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s 5	4n48	5n 4	22s34	0n53	11s10	1s 4	24n42	3n 8	24n24	0n51	18n14	2n 0	21n50	0n41	22s 1	0n57	25s23	16s44	22n56	23n 2	9n57		n.a.
T 2	18 50	0s40	5 15	22 43	0 41	10 41	1 2	24 42	3 7	24 24	0 51	18 15	2 0	21 50	0 41	22 1	0 57	25 22	16 44	22 57	23 2	9 59		n.a.
F 3	18 35	6 7	5 6	22 50	0 30	10 12	1 0	24 42	3 6	24 24	0 51	18 17	2 0	21 51	0 41	22 1	0 57	25 21	16 43	22 57	23 2	10 2		n.a.
S 4	18 19	11 15	4 40	22 57	0 19	9 42	0 58	24 43	3 5	24 25	0 51	18 18	2 0	21 51	0 41	22 2	0 57	25 21	16 43	22 57	23 3	10 4		n.a.
S 5	18 3	15 46	3 56	23 3	0 8	9 12	0 55	24 44	3 4	24 25	0 51	18 20	2 1	21 52	0 41	22 2	0 57	25 20	16 43	22 57	23 3	10 7		n.a.
M 6	17 46	19 23	2 58	23 8	0s 2	8 42	0 53	24 44	3 2	24 25	0 51	18 22	2 1	21 52	0 41	22 2	0 57	25 19	16 43	22 57	23 3	10 9		n.a.
T 7	17 30	21 49	1 50	23 12	0 12	8 12	0 51	24 45	3 1	24 26	0 51	18 23	2 1	21 53	0 41	22 2	0 57	25 19	16 43	22 56	23 4	10 12		n.a.
W 8	17 13	22 55	0 36	23 15	0 22	7 41	0 48	24 46	3 0	24 26	0 51	18 25	2 1	21 53	0 41	22 2	0 57	25 18	16 43	22 56	23 4	10 14		n.a.
T 9	16 56	22 36	0s39	23 16	0 31	7 11	0 46	24 47	2 59	24 26	0 51	18 26	2 1	21 53	0 41	22 2	0 57	25 18	16 43	22 56	23 4	10 17		n.a.
F 10	16 38	20 57	1 51	23 17	0 41	6 40	0 43	24 48	2 58	24 27	0 51	18 27	2 1	21 54	0 41	22 2	0 57	25 17	16 43	22 56	23 5	10 19		n.a.
S 11	16 20	18 9	2 55	23 16	0 49	6 9	0 41	24 49	2 57	24 27	0 51	18 29	2 1	21 54	0 41	22 3	0 57	25 16	16 42	22 57	23 5	10 22		n.a.
S 12	16 2	14 30	3 49	23 14	0 57	5 38	0 38	24 50	2 56	24 27	0 51	18 30	2 1	21 55	0 41	22 3	0 57	25 16	16 42	22 57	23 5	10 24		n.a.
M13	15 44	10 15	4 30	23 11	1 5	5 6	0 35	24 51	2 55	24 27	0 51	18 32	2 1	21 55	0 41	22 3	0 57	25 15	16 42	22 58	23 6	10 27		n.a.
T 14	15 25	5 39	4 57	23 6	1 13	4 35	0 33	24 53	2 53	24 28	0 51	18 33	2 1	21 56	0 41	22 3	0 57	25 14	16 42	22 59	23 6	10 29		n.a.
W15	15 6	0 55	5 10	23 0	1 20	4 3	0 30	24 54	2 52	24 28	0 51	18 35	2 1	21 56	0 41	22 3	0 57	25 14	16 42	22 59	23 6	10 32		n.a.
T 16	14 47	3n47	5 8	22 52	1 27	3 32	0 27	24 55	2 51	24 28	0 51	18 36	2 1	21 57	0 41	22 3	0 57	25 13	16 42	23 0	23 7	10 34		n.a.
F 17	14 28	8 17	4 54	22 44	1 33	3 0	0 24	24 57	2 50	24 28	0 51	18 38	2 1	21 57	0 41	22 3	0 57	25 12	16 42	23 0	23 7	10 37		n.a.
S 18	14 9	12 27	4 26	22 33	1 39	2 28	0 21	24 58	2 49	24 28	0 51	18 39	2 1	21 57	0 41	22 3	0 57	25 12	16 42	23 0	23 7	10 39		n.a.
S 19	13 49	16 8	3 47	22 21	1 44	1 56	0 18	25 0	2 48	24 28	0 51	18 41	2 1	21 58	0 41	22 4	0 57	25 11	16 42	23 0	23 7	10 42		n.a.
M20	13 29	19 12	2 59	22 8	1 49	1 24	0 15	25 1	2 47	24 29	0 51	18 42	2 2	21 58	0 41	22 4	0 57	25 11	16 42	23 0	23 8	10 44		n.a.
T 21	13 9	21 28	2 1	21 53	1 54	0 53	0 12	25 3	2 46	24 29	0 51	18 43	2 2	21 59	0 41	22 4	0 57	25 10	16 42	23 0	23 8	10 47		n.a.
W22	12 48	22 46	0 57	21 37	1 58	0 21	0 9	25 4	2 45	24 29	0 51	18 45	2 2	21 59	0 41	22 4	0 57	25 9	16 41	23 0	23 8	10 49		n.a.
T 23	12 28	22 57	0n12	21 18	2 2	0n11	0 6	25 6	2 44	24 29	0 51	18 46	2 2	21 59	0 41	22 4	0 57	25 9	16 41	23 0	23 9	10 52		n.a.
F 24	12 7	21 52	1 21	20 59	2 5	0 43	0 3	25 8	2 42	24 29	0 51	18 47	2 2	22 0	0 41	22 4	0 57	25 8	16 41	23 0	23 9	10 54		n.a.
S 25	11 46	19 33	2 28	20 38	2 8	1 15	0n 0	25 9	2 41	24 29	0 51	18 49	2 2	22 0	0 41	22 4	0 57	25 8	16 41	23 0	23 9	10 57		n.a.
S 26	11 25	16 3	3 29	20 15	2 11	1 47	0 3	25 11	2 40	24 29	0 51	18 50	2 2	22 1	0 41	22 4	0 57	25 7	16 41	23 1	23 10	10 59		n.a.
M27	11 4	11 34	4 17	19 50	2 13	2 19	0 7	25 13	2 39	24 29	0 51	18 51	2 2	22 1	0 41	22 4	0 57	25 6	16 41	23 2	23 10	11 2		n.a.
T 28	10s43	6n22	4n51	19s24	2s14	2n51	0n10	25n14	2n38	24n29	0n51	18n53	2n 2	22n 1	0n41	22s 4	0n58	25s 6	16s41	23n 2	23n10	11n 4		n.a.

Julian Day Number = 1486598.5, Delta T = 05h18m13s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'10, Lahiri = -12°50'09 Julian Calendar 1 Feb. 643 BCE == Greg. Calendar 25 Jan. 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

MARCH 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 6 3	3♓31'56	9♎42	14♒15	7♈53	12♊59	5°R44	13°R39	25°R23	16♐ 1	5♓19	13°R43	12♋30	11♉12	n.a.	W 1
T 2	10 9 59	4°30'51	24°15	15°55	9° 5	13°20	5♋42	13♌35	25♋21	16° 1	5°21	13♋37	12°27	11°19	n.a.	T 2
F 3	10 13 56	5°29'44	8♏44	17°36	10°16	13°41	5°41	13°30	25°19	16° 2	5°22	13°32	12°23	11°26	n.a.	F 3
S 4	10 17 52	6°28'36	23° 4	19°19	11°28	14° 2	5°40	13°26	25°17	16° 3	5°24	13°29	12°20	11°32	n.a.	S 4
S 5	10 21 49	7°27'26	7♐13	21° 3	12°39	14°24	5°39	13°22	25°16	16° 4	5°25	13°D28	12°17	11°39	n.a.	S 5
M 6	10 25 45	8°26'14	21° 9	22°49	13°50	14°47	5°38	13°18	25°14	16° 4	5°27	13°29	12°14	11°46	n.a.	M 6
T 7	10 29 42	9°25'00	4♑53	24°36	15° 2	15° 9	5°38	13°14	25°12	16° 5	5°28	13°29	12°11	11°53	n.a.	T 7
W 8	10 33 38	10°23'45	18°24	26°25	16°13	15°32	5°38	13°10	25°11	16° 6	5°30	13°R30	12° 8	11°59	n.a.	W 8
T 9	10 37 35	11°22'28	1♒43	28°15	17°24	15°55	5°D38	13° 6	25° 9	16° 6	5°31	13°28	12° 4	12° 6	n.a.	T 9
F 10	10 41 32	12°21'08	14°51	0♓ 7	18°35	16°18	5°38	13° 2	25° 8	16° 7	5°33	13°24	12° 1	12°13	n.a.	F 10
S 11	10 45 28	13°19'47	27°48	2° 0	19°45	16°42	5°38	12°59	25° 6	16° 7	5°34	13°17	11°58	12°19	n.a.	S 11
S 12	10 49 25	14°18'24	10♓33	3°55	20°56	17° 6	5°38	12°55	25° 5	16° 8	5°35	13° 8	11°55	12°26	n.a.	S 12
M13	10 53 21	15°16'58	23° 7	5°51	22° 7	17°30	5°39	12°51	25° 3	16° 8	5°37	12°58	11°52	12°33	n.a.	M13
T 14	10 57 18	16°15'31	5♈29	7°49	23°17	17°55	5°40	12°48	25° 2	16° 9	5°38	12°46	11°48	12°39	n.a.	T 14
W15	11 1 14	17°14'01	17°40	9°48	24°28	18°19	5°41	12°44	25° 1	16° 9	5°40	12°34	11°45	12°46	n.a.	W15
T 16	11 5 11	18°12'29	29°42	11°49	25°38	18°44	5°42	12°41	24°59	16° 9	5°41	12°24	11°42	12°53	n.a.	T 16
F 17	11 9 7	19°10'56	11♉36	13°51	26°49	19°10	5°43	12°38	24°58	16°10	5°43	12°16	11°39	13° 0	n.a.	F 17
S 18	11 13 4	20° 9'20	23°26	15°55	27°59	19°35	5°45	12°34	24°57	16°10	5°44	12°10	11°36	13° 6	n.a.	S 18
S 19	11 17 0	21° 7'42	5♊17	17°59	29° 9	20° 1	5°46	12°31	24°56	16°10	5°45	12° 7	11°33	13°13	n.a.	S 19
M20	11 20 57	22° 6'01	17°12	20° 5	0♉19	20°27	5°48	12°28	24°55	16°10	5°47	12°D 5	11°29	13°20	n.a.	M20
T 21	11 24 54	23° 4'19	29°17	22°11	1°29	20°53	5°50	12°25	24°54	16°10	5°48	12° 5	11°26	13°26	n.a.	T 21
W22	11 28 50	24° 2'34	11♋37	24°19	2°38	21°19	5°53	12°22	24°53	16°11	5°50	12°R 6	11°23	13°33	n.a.	W22
T 23	11 32 47	25° 0'47	24°18	26°27	3°48	21°46	5°55	12°19	24°52	16°11	5°51	12° 5	11°20	13°40	n.a.	T 23
F 24	11 36 43	25°58'58	7♌23	28°35	4°57	22°13	5°58	12°17	24°51	16°11	5°52	12° 3	11°17	13°47	n.a.	F 24
S 25	11 40 40	26°57'07	20°55	0♈44	6° 7	22°40	6° 1	12°14	24°50	16°11	5°54	11°58	11°14	13°53	n.a.	S 25
S 26	11 44 36	27°55'14	4♍55	2°53	7°16	23° 7	6° 4	12°11	24°49	16°R11	5°55	11°51	11°10	14° 0	n.a.	S 26
M27	11 48 33	28°53'19	19°20	5° 1	8°25	23°34	6° 7	12° 9	24°49	16°11	5°57	11°41	11° 7	14° 7	n.a.	M27
T 28	11 52 29	29°51'22	4♎ 4	7° 8	9°34	24° 2	6°10	12° 7	24°48	16°11	5°58	11°30	11° 4	14°13	n.a.	T 28
W29	11 56 26	0♈49'23	19° 0	9°15	10°43	24°30	6°14	12° 4	24°47	16°11	5°59	11°19	11° 1	14°20	n.a.	W29
T 30	12 0 23	1°47'22	3♏58	11°20	11°52	24°58	6°17	12° 2	24°47	16°11	6° 1	11°10	10°58	14°27	n.a.	T 30
F 31	12 4 19	2♈45'20	18♏50	13♈24	13♉ 0	25♊26	6♋21	12♌ 0	24♋46	16♐10	6♓ 2	11♋ 2	10♋54	14♉33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s21	0n47	5n 6	18s56	2s15	3n22	0n13	25n16	2n37	24n29	0n51	18n54	2n 2	22n 2	0n41	22s 4	0n58	25s 5	16s41	23n 3	23n11	11n 7		n.a.
T 2	9 59	4s52	5 2	18 26	2 16	3 54	0 16	25 18	2 36	24 30	0 51	18 55	2 2	22 2	0 41	22 4	0 58	25 5	16 41	23 4	23 11	11 9		n.a.
F 3	9 37	10 14	4 38	17 55	2 16	4 25	0 20	25 19	2 35	24 30	0 51	18 56	2 2	22 2	0 41	22 4	0 58	25 4	16 41	23 4	23 11	11 11		n.a.
S 4	9 15	14 59	3 57	17 22	2 15	4 57	0 23	25 21	2 34	24 30	0 51	18 58	2 2	22 3	0 41	22 5	0 58	25 4	16 41	23 5	23 11	11 14		n.a.
S 5	8 53	18 50	3 2	16 48	2 14	5 28	0 26	25 23	2 33	24 30	0 51	18 59	2 2	22 3	0 41	22 5	0 58	25 3	16 41	23 5	23 12	11 16		n.a.
M 6	8 31	21 32	1 57	16 11	2 13	5 59	0 30	25 24	2 32	24 30	0 51	19 0	2 2	22 3	0 41	22 5	0 58	25 2	16 41	23 5	23 12	11 19		n.a.
T 7	8 9	22 55	0 46	15 33	2 11	6 30	0 33	25 26	2 31	24 30	0 51	19 1	2 2	22 3	0 41	22 5	0 58	25 2	16 41	23 5	23 12	11 21		n.a.
W 8	7 46	22 55	0s26	14 53	2 8	7 1	0 36	25 28	2 30	24 30	0 51	19 2	2 2	22 4	0 41	22 5	0 58	25 1	16 41	23 5	23 13	11 24		n.a.
T 9	7 24	21 37	1 36	14 12	2 5	7 32	0 40	25 29	2 29	24 29	0 50	19 3	2 1	22 4	0 41	22 5	0 58	25 1	16 41	23 5	23 13	11 26		n.a.
F 10	7 1	19 8	2 39	13 29	2 2	8 3	0 43	25 31	2 28	24 29	0 50	19 4	2 1	22 4	0 41	22 5	0 58	25 0	16 41	23 5	23 13	11 29		n.a.
S 11	6 38	15 44	3 33	12 44	1 57	8 33	0 47	25 32	2 27	24 29	0 50	19 5	2 1	22 4	0 41	22 5	0 58	25 0	16 41	23 6	23 14	11 31		n.a.
S 12	6 16	11 39	4 16	11 57	1 53	9 3	0 50	25 34	2 26	24 29	0 50	19 6	2 1	22 5	0 41	22 5	0 58	24 59	16 41	23 7	23 14	11 34		n.a.
M13	5 53	7 7	4 45	11 9	1 48	9 33	0 53	25 35	2 25	24 29	0 50	19 7	2 1	22 5	0 41	22 5	0 58	24 59	16 42	23 8	23 14	11 36		n.a.
T 14	5 30	2 23	5 0	10 19	1 42	10 3	0 57	25 36	2 24	24 29	0 50	19 8	2 1	22 5	0 41	22 5	0 58	24 58	16 42	23 9	23 14	11 39		n.a.
W15	5 7	2n23	5 2	9 28	1 36	10 32	1 0	25 38	2 23	24 29	0 50	19 9	2 1	22 5	0 40	22 5	0 58	24 58	16 42	23 10	23 15	11 41		n.a.
T 16	4 44	7 1	4 49	8 35	1 29	11 2	1 4	25 39	2 22	24 29	0 50	19 10	2 1	22 6	0 40	22 5	0 58	24 57	16 42	23 11	23 15	11 43		n.a.
F 17	4 20	11 20	4 25	7 41	1 21	11 31	1 7	25 40	2 21	24 29	0 50	19 11	2 1	22 6	0 40	22 5	0 58	24 57	16 42	23 12	23 15	11 46		n.a.
S 18	3 57	15 12	3 48	6 46	1 14	12 0	1 10	25 41	2 20	24 29	0 50	19 12	2 1	22 6	0 40	22 5	0 58	24 56	16 42	23 12	23 15	11 48		n.a.
S 19	3 34	18 29	3 2	5 49	1 5	12 28	1 14	25 42	2 19	24 29	0 50	19 13	2 1	22 6	0 40	22 5	0 58	24 56	16 42	23 13	23 16	11 51		n.a.
M20	3 11	21 1	2 8	4 51	0 57	12 56	1 17	25 43	2 18	24 29	0 50	19 14	2 1	22 6	0 40	22 5	0 58	24 55	16 42	23 13	23 16	11 53		n.a.
T 21	2 47	22 39	1 8	3 52	0 47	13 24	1 20	25 44	2 17	24 28	0 50	19 14	2 1	22 7	0 40	22 5	0 58	24 55	16 42	23 13	23 16	11 56		n.a.
W22	2 24	23 13	0 3	2 52	0 38	13 52	1 24	25 45	2 17	24 28	0 50	19 15	2 1	22 7	0 40	22 5	0 58	24 54	16 42	23 13	23 17	11 58		n.a.
T 23	2 0	22 37	1n 4	1 51	0 28	14 19	1 27	25 46	2 16	24 28	0 50	19 16	2 1	22 7	0 40	22 5	0 58	24 54	16 42	23 13	23 17	12 1		n.a.
F 24	1 37	20 46	2 10	0 50	0 18	14 46	1 30	25 47	2 15	24 28	0 50	19 17	2 1	22 7	0 40	22 5	0 58	24 54	16 43	23 13	23 17	12 3		n.a.
S 25	1 14	17 43	3 10	0n11	0 7	15 12	1 33	25 47	2 14	24 28	0 50	19 17	2 0	22 7	0 40	22 5	0 58	24 53	16 43	23 14	23 17	12 5		n.a.
S 26	0 50	13 34	4 1	1 13	0n 4	15 39	1 36	25 48	2 13	24 28	0 50	19 18	2 0	22 7	0 40	22 5	0 58	24 53	16 43	23 14	23 18	12 8		n.a.
M27	0 27	8 32	4 39	2 14	0 14	16 4	1 40	25 49	2 12	24 27	0 50	19 19	2 0	22 7	0 40	22 5	0 58	24 52	16 43	23 15	23 18	12 10		n.a.
T 28	0 3	2 55	4 58	3 16	0 25	16 30	1 43	25 49	2 11	24 27	0 50	19 19	2 0	22 7	0 40	22 5	0 58	24 52	16 43	23 16	23 18	12 13		n.a.
W29	0n20	2s57	4 58	4 16	0 36	16 55	1 46	25 49	2 10	24 27	0 50	19 20	2 0	22 7	0 40	22 5	0 58	24 52	16 43	23 17	23 19	12 15		n.a.
T 30	0 43	8 40	4 38	5 16	0 47	17 20	1 49	25 50	2 9	24 27	0 50	19 20	2 0	22 8	0 40	22 5	0 58	24 51	16 43	23 18	23 19	12 18		n.a.
F 31	1n 7	13s51	3n58	6n14	0n58	17n44	1n52	25n50	2n 8	24n27	0n50	19n21	2n 0	22n 8	0n40	22s 5	0n58	24s51	16s44	23n18	23n19	12n20		n.a.

Julian Day Number = 1486626.5, Delta T = 05h18m12s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'06, Lahiri = -12°50'05 Julian Calendar 1 March 643 BCE == Greg. Calendar 22 Feb. 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

APRIL 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 8 16	3♈43'17	3♐27	15♈26	14♉ 9	25♊54	6♋25	11°R58	24°R46	16°R10	6♓ 3	10°R57	10♋51	14♉40	n.a.	S 1
S 2	12 12 12	4°41'12	17°46	17°26	15°17	26°23	6°29	11♌56	24♋45	16♐10	6° 5	10♋55	10°48	14°47	n.a.	S 2
M 3	12 16 9	5°39'06	1♑45	19°23	16°25	26°51	6°34	11°54	24°45	16°10	6° 6	10°54	10°45	14°54	n.a.	M 3
T 4	12 20 5	6°36'59	15°23	21°18	17°33	27°20	6°38	11°52	24°45	16°10	6° 7	10°54	10°42	15° 0	n.a.	T 4
W 5	12 24 2	7°34'50	28°44	23°10	18°41	27°49	6°43	11°51	24°45	16° 9	6° 8	10°54	10°39	15° 7	n.a.	W 5
T 6	12 27 58	8°32'39	11♒48	24°59	19°49	28°18	6°47	11°49	24°44	16° 9	6°10	10°51	10°35	15°14	n.a.	T 6
F 7	12 31 55	9°30'28	24°38	26°45	20°56	28°48	6°52	11°48	24°44	16° 8	6°11	10°46	10°32	15°20	n.a.	F 7
S 8	12 35 52	10°28'15	7♓16	28°28	22° 4	29°17	6°58	11°46	24°44	16° 8	6°12	10°38	10°29	15°27	n.a.	S 8
S 9	12 39 48	11°26'00	19°44	0♉ 7	23°11	29°47	7° 3	11°45	24°D44	16° 8	6°13	10°27	10°26	15°34	n.a.	S 9
M10	12 43 45	12°23'45	2♈ 3	1°44	24°18	0♋16	7° 8	11°44	24°44	16° 7	6°15	10°15	10°23	15°40	n.a.	M10
T 11	12 47 41	13°21'27	14°13	3°16	25°25	0°46	7°14	11°43	24°44	16° 7	6°16	10° 1	10°19	15°47	n.a.	T 11
W12	12 51 38	14°19'09	26°16	4°45	26°32	1°17	7°20	11°42	24°44	16° 6	6°17	9°47	10°16	15°54	n.a.	W12
T 13	12 55 34	15°16'48	8♉12	6°11	27°38	1°47	7°25	11°41	24°45	16° 6	6°18	9°35	10°13	16° 0	n.a.	T 13
F 14	12 59 31	16°14'27	20° 3	7°33	28°45	2°17	7°31	11°40	24°45	16° 5	6°19	9°24	10°10	16° 7	n.a.	F 14
S 15	13 3 27	17°12'03	1♊52	8°51	29°51	2°48	7°38	11°39	24°45	16° 4	6°21	9°17	10° 7	16°14	n.a.	S 15
S 16	13 7 24	18° 9'39	13°41	10° 6	0♊57	3°18	7°44	11°39	24°45	16° 4	6°22	9°12	10° 4	16°21	n.a.	S 16
M17	13 11 20	19° 7'13	25°35	11°16	2° 3	3°49	7°50	11°38	24°46	16° 3	6°23	9°10	10° 0	16°27	n.a.	M17
T 18	13 15 17	20° 4'45	7♋39	12°23	3° 9	4°20	7°57	11°38	24°46	16° 2	6°24	9°D 9	9°57	16°34	n.a.	T 18
W19	13 19 14	21° 2'16	19°57	13°26	4°14	4°51	8° 4	11°38	24°47	16° 2	6°25	9°R 9	9°54	16°41	n.a.	W19
T 20	13 23 10	21°59'45	2♌35	14°25	5°20	5°22	8°11	11°37	24°47	16° 1	6°26	9° 9	9°51	16°47	n.a.	T 20
F 21	13 27 7	22°57'13	15°37	15°20	6°25	5°54	8°18	11°D37	24°48	16° 0	6°27	9° 7	9°48	16°54	n.a.	F 21
S 22	13 31 3	23°54'39	29° 7	16°11	7°30	6°25	8°25	11°37	24°49	15°59	6°28	9° 3	9°45	17° 1	n.a.	S 22
S 23	13 35 0	24°52'04	13♍ 7	16°57	8°34	6°57	8°32	11°38	24°49	15°58	6°29	8°57	9°41	17° 7	n.a.	S 23
M24	13 38 56	25°49'27	27°36	17°40	9°39	7°29	8°39	11°38	24°50	15°58	6°30	8°48	9°38	17°14	n.a.	M24
T 25	13 42 53	26°46'49	12♎28	18°18	10°43	8° 0	8°47	11°38	24°51	15°57	6°31	8°38	9°35	17°21	n.a.	T 25
W26	13 46 49	27°44'10	27°37	18°51	11°47	8°32	8°54	11°39	24°52	15°56	6°32	8°28	9°32	17°28	n.a.	W26
T 27	13 50 46	28°41'30	12♏51	19°20	12°50	9° 4	9° 2	11°39	24°53	15°55	6°33	8°19	9°29	17°34	n.a.	T 27
F 28	13 54 43	29°38'49	28° 1	19°45	13°54	9°37	9°10	11°40	24°54	15°54	6°34	8°12	9°25	17°41	n.a.	F 28
S 29	13 58 39	0♉36'07	12♐55	20° 5	14°57	10° 9	9°18	11°40	24°55	15°53	6°35	8° 8	9°22	17°48	n.a.	S 29
S 30	14 2 36	1♉33'25	27♐29	20♉20	16♊ 0	10♋41	9♋26	11♌41	24♋56	15♐52	6♓36	8♋ 6	9♋19	17♉54	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n30	18s 8	3n 4	7n12	1n 8	18n 8	1n55	25n50	2n 8	24n26	0n49	19n21	2n 0	22n 8	0n40	22s 5	0n58	24s50	16s44	23n19	23n19	12n23		n.a.
S 2	1 53	21 13	1 59	8 8	1 18	18 31	1 58	25 50	2 7	24 26	0 49	19 22	2 0	22 8	0 40	22 5	0 58	24 50	16 44	23 19	23 20	12 25		n.a.
M 3	2 17	22 57	0 48	9 2	1 27	18 54	2 0	25 50	2 6	24 26	0 49	19 22	2 0	22 8	0 40	22 5	0 58	24 50	16 44	23 19	23 20	12 27		n.a.
T 4	2 40	23 16	0s24	9 54	1 37	19 16	2 3	25 50	2 5	24 26	0 49	19 23	1 59	22 8	0 40	22 5	0 58	24 49	16 44	23 19	23 20	12 30		n.a.
W 5	3 3	22 13	1 33	10 45	1 45	19 38	2 6	25 49	2 4	24 25	0 49	19 23	1 59	22 8	0 40	22 5	0 58	24 49	16 44	23 19	23 20	12 32		n.a.
T 6	3 26	19 58	2 35	11 33	1 53	20 0	2 9	25 49	2 3	24 25	0 49	19 23	1 59	22 8	0 40	22 4	0 58	24 49	16 45	23 19	23 21	12 35		n.a.
F 7	3 49	16 46	3 29	12 20	2 1	20 21	2 11	25 48	2 2	24 25	0 49	19 24	1 59	22 8	0 40	22 4	0 58	24 48	16 45	23 20	23 21	12 37		n.a.
S 8	4 12	12 50	4 11	13 4	2 8	20 41	2 14	25 48	2 2	24 24	0 49	19 24	1 59	22 8	0 40	22 4	0 58	24 48	16 45	23 20	23 21	12 40		n.a.
S 9	4 35	8 24	4 41	13 45	2 14	21 1	2 16	25 47	2 1	24 24	0 49	19 24	1 59	22 8	0 40	22 4	0 58	24 48	16 45	23 21	23 21	12 42		n.a.
M10	4 58	3 42	4 57	14 24	2 19	21 21	2 19	25 46	2 0	24 24	0 49	19 24	1 59	22 8	0 40	22 4	0 58	24 48	16 45	23 22	23 22	12 44		n.a.
T 11	5 21	1n 6	4 59	15 1	2 24	21 40	2 21	25 45	1 59	24 23	0 49	19 25	1 59	22 8	0 40	22 4	0 58	24 47	16 46	23 23	23 22	12 47		n.a.
W12	5 43	5 49	4 48	15 36	2 28	21 58	2 23	25 44	1 58	24 23	0 49	19 25	1 58	22 8	0 40	22 4	0 58	24 47	16 46	23 24	23 22	12 49		n.a.
T 13	6 6	10 16	4 24	16 8	2 31	22 16	2 25	25 43	1 57	24 23	0 49	19 25	1 58	22 8	0 40	22 4	0 58	24 47	16 46	23 25	23 22	12 52		n.a.
F 14	6 28	14 20	3 49	16 37	2 33	22 33	2 28	25 42	1 57	24 22	0 49	19 25	1 58	22 7	0 40	22 4	0 58	24 46	16 46	23 26	23 23	12 54		n.a.
S 15	6 51	17 49	3 4	17 5	2 34	22 50	2 30	25 40	1 56	24 22	0 49	19 25	1 58	22 7	0 40	22 4	0 58	24 46	16 47	23 27	23 23	12 56		n.a.
S 16	7 13	20 36	2 11	17 29	2 35	23 6	2 32	25 39	1 55	24 21	0 49	19 25	1 58	22 7	0 40	22 4	0 58	24 46	16 47	23 27	23 23	12 59		n.a.
M17	7 35	22 31	1 11	17 52	2 34	23 22	2 34	25 37	1 54	24 21	0 49	19 25	1 58	22 7	0 40	22 4	0 58	24 46	16 47	23 27	23 23	13 1		n.a.
T 18	7 57	23 25	0 8	18 12	2 33	23 37	2 35	25 35	1 53	24 20	0 49	19 25	1 58	22 7	0 40	22 4	0 59	24 46	16 47	23 27	23 24	13 4		n.a.
W19	8 19	23 12	0n57	18 29	2 31	23 51	2 37	25 33	1 52	24 20	0 49	19 25	1 58	22 7	0 40	22 3	0 59	24 45	16 47	23 27	23 24	13 6		n.a.
T 20	8 41	21 49	2 1	18 44	2 28	24 5	2 39	25 31	1 52	24 20	0 49	19 25	1 57	22 7	0 39	22 3	0 59	24 45	16 48	23 27	23 24	13 8		n.a.
F 21	9 3	19 15	3 0	18 57	2 24	24 18	2 40	25 29	1 51	24 19	0 49	19 25	1 57	22 7	0 39	22 3	0 59	24 45	16 48	23 27	23 24	13 11		n.a.
S 22	9 24	15 34	3 52	19 8	2 19	24 31	2 42	25 27	1 50	24 19	0 49	19 25	1 57	22 7	0 39	22 3	0 59	24 45	16 48	23 28	23 25	13 13		n.a.
S 23	9 46	10 54	4 32	19 16	2 14	24 43	2 43	25 24	1 49	24 18	0 49	19 25	1 57	22 6	0 39	22 3	0 59	24 45	16 49	23 28	23 25	13 16		n.a.
M24	10 7	5 29	4 56	19 22	2 7	24 54	2 44	25 22	1 49	24 18	0 49	19 24	1 57	22 6	0 39	22 3	0 59	24 45	16 49	23 29	23 25	13 18		n.a.
T 25	10 28	0s23	5 1	19 25	1 59	25 5	2 45	25 19	1 48	24 17	0 48	19 24	1 57	22 6	0 39	22 3	0 59	24 44	16 49	23 29	23 25	13 20		n.a.
W26	10 49	6 20	4 46	19 27	1 51	25 15	2 46	25 16	1 47	24 16	0 48	19 24	1 57	22 6	0 39	22 3	0 59	24 44	16 49	23 30	23 25	13 23		n.a.
T 27	11 10	11 57	4 9	19 26	1 41	25 25	2 47	25 13	1 46	24 16	0 48	19 24	1 57	22 6	0 39	22 3	0 59	24 44	16 50	23 30	23 26	13 25		n.a.
F 28	11 30	16 49	3 16	19 23	1 31	25 34	2 48	25 10	1 45	24 15	0 48	19 23	1 56	22 5	0 39	22 3	0 59	24 44	16 50	23 31	23 26	13 28		n.a.
S 29	11 51	20 31	2 10	19 17	1 20	25 42	2 48	25 7	1 45	24 15	0 48	19 23	1 56	22 5	0 39	22 2	0 59	24 44	16 50	23 31	23 26	13 30		n.a.
S 30	12n11	22s49	0n56	19n10	1n 8	25n50	2n49	25n 4	1n44	24n14	0n48	19n23	1n56	22n 5	0n39	22s 2	0n59	24s44	16s51	23n31	23n26	13n32		n.a.

Julian Day Number = 1486657.5, Delta T = 05h18m10s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°57'02, Lahiri = -12°50'01 Julian Calendar 1 Apr. 643 BCE == Greg. Calendar 25 March 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

MAY 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 6 32	2♉30'42	11♋38	20♉31	17♊ 2	11♋14	9♋35	11♌42	24♋57	15°R51	6♓37	8°D 5	9♋16	18♉ 1	n.a.	M 1
T 2	14 10 29	3°27'59	25°22	20°37	18° 5	11°46	9°43	11°43	24°58	15♐50	6°38	8♋ 6	9°13	18° 8	n.a.	T 2
W 3	14 14 25	4°25'14	8♒42	20°R39	19° 7	12°19	9°51	11°44	24°59	15°49	6°39	8°R 6	9°10	18°14	n.a.	W 3
T 4	14 18 22	5°22'30	21°42	20°36	20° 8	12°52	10° 0	11°46	25° 1	15°48	6°40	8° 5	9° 6	18°21	n.a.	T 4
F 5	14 22 18	6°19'44	4♓23	20°28	21°10	13°25	10° 9	11°47	25° 2	15°46	6°41	8° 1	9° 3	18°28	n.a.	F 5
S 6	14 26 15	7°16'59	16°51	20°17	22°11	13°58	10°17	11°48	25° 3	15°45	6°41	7°55	9° 0	18°34	n.a.	S 6
S 7	14 30 12	8°14'12	29° 7	20° 1	23°12	14°31	10°26	11°50	25° 5	15°44	6°42	7°47	8°57	18°41	n.a.	S 7
M 8	14 34 8	9°11'25	11♈14	19°42	24°12	15° 4	10°35	11°52	25° 6	15°43	6°43	7°38	8°54	18°48	n.a.	M 8
T 9	14 38 5	10° 8'38	23°14	19°19	25°12	15°38	10°45	11°53	25° 8	15°42	6°44	7°27	8°51	18°55	n.a.	T 9
W10	14 42 1	11° 5'50	5♉ 9	18°54	26°12	16°11	10°54	11°55	25° 9	15°40	6°45	7°16	8°47	19° 1	n.a.	W10
T 11	14 45 58	12° 3'02	17° 1	18°25	27°12	16°45	11° 3	11°57	25°11	15°39	6°45	7° 7	8°44	19° 8	n.a.	T 11
F 12	14 49 54	13° 0'13	28°50	17°55	28°11	17°18	11°13	11°59	25°13	15°38	6°46	6°59	8°41	19°15	n.a.	F 12
S 13	14 53 51	13°57'23	10♊39	17°22	29°10	17°52	11°22	12° 1	25°14	15°37	6°47	6°53	8°38	19°21	n.a.	S 13
S 14	14 57 47	14°54'33	22°31	16°49	0♋ 8	18°26	11°32	12° 3	25°16	15°35	6°47	6°50	8°35	19°28	n.a.	S 14
M15	15 1 44	15°51'42	4♋28	16°15	1° 6	19° 0	11°41	12° 6	25°18	15°34	6°48	6°D49	8°31	19°35	n.a.	M15
T 16	15 5 41	16°48'51	16°34	15°41	2° 3	19°34	11°51	12° 8	25°20	15°32	6°49	6°49	8°28	19°41	n.a.	T 16
W17	15 9 37	17°45'59	28°54	15° 7	3° 0	20° 8	12° 1	12°11	25°22	15°31	6°49	6°50	8°25	19°48	n.a.	W17
T 18	15 13 34	18°43'06	11♌31	14°35	3°57	20°42	12°11	12°13	25°24	15°30	6°50	6°51	8°22	19°55	n.a.	T 18
F 19	15 17 30	19°40'13	24°30	14° 4	4°53	21°16	12°21	12°16	25°26	15°28	6°50	6°R51	8°19	20° 1	n.a.	F 19
S 20	15 21 27	20°37'19	7♍55	13°36	5°48	21°51	12°32	12°19	25°28	15°27	6°51	6°50	8°16	20° 8	n.a.	S 20
S 21	15 25 23	21°34'24	21°48	13°10	6°44	22°25	12°42	12°22	25°30	15°25	6°52	6°47	8°12	20°15	n.a.	S 21
M22	15 29 20	22°31'29	6♎ 9	12°47	7°38	23° 0	12°52	12°25	25°32	15°24	6°52	6°42	8° 9	20°22	n.a.	M22
T 23	15 33 17	23°28'34	20°56	12°28	8°32	23°34	13° 3	12°28	25°34	15°23	6°53	6°36	8° 6	20°28	n.a.	T 23
W24	15 37 13	24°25'38	6♏ 1	12°13	9°26	24° 9	13°13	12°31	25°36	15°21	6°53	6°30	8° 3	20°35	n.a.	W24
T 25	15 41 10	25°22'42	21°17	12° 2	10°18	24°44	13°24	12°34	25°38	15°20	6°53	6°24	8° 0	20°42	n.a.	T 25
F 26	15 45 6	26°19'46	6♐31	11°56	11°11	25°19	13°34	12°37	25°41	15°18	6°54	6°20	7°56	20°48	n.a.	F 26
S 27	15 49 3	27°16'50	21°35	11°D54	12° 2	25°54	13°45	12°41	25°43	15°17	6°54	6°18	7°53	20°55	n.a.	S 27
S 28	15 52 59	28°13'55	6♑20	11°57	12°53	26°29	13°56	12°44	25°46	15°15	6°55	6°D17	7°50	21° 2	n.a.	S 28
M29	15 56 56	29°10'59	20°40	12° 5	13°44	27° 4	14° 7	12°48	25°48	15°14	6°55	6°17	7°47	21° 8	n.a.	M29
T 30	16 0 52	0♊ 8'04	4♒33	12°17	14°33	27°39	14°18	12°51	25°50	15°12	6°55	6°19	7°44	21°15	n.a.	T 30
W31	16 4 49	1♊ 5'09	18♒ 0	12♉35	15♋22	28♋15	14♋29	12♌55	25♋53	15♐10	6♓56	6♋20	7♋41	21♉22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n31	23s34	0s19	19n 0	0n55	25n56	2n49	25n 0	1n43	24n13	0n48	19n22	1n56	22n 5	0n39	22s 2	0n59	24s44	16s51	23n31	23n27	13n35		n.a.
T 2	12 51	22 51	1 31	18 49	0 41	26 3	2 50	24 56	1 42	24 13	0 48	19 22	1 56	22 5	0 39	22 2	0 59	24 44	16 51	23 31	23 27	13 37		n.a.
W 3	13 10	20 50	2 36	18 35	0 27	26 8	2 50	24 53	1 42	24 12	0 48	19 21	1 56	22 4	0 39	22 2	0 59	24 44	16 51	23 31	23 27	13 40		n.a.
T 4	13 30	17 47	3 31	18 20	0 12	26 13	2 50	24 49	1 41	24 11	0 48	19 21	1 56	22 4	0 39	22 2	0 59	24 44	16 52	23 31	23 27	13 42		n.a.
F 5	13 49	13 58	4 14	18 3	0s 4	26 18	2 50	24 45	1 40	24 11	0 48	19 20	1 55	22 4	0 39	22 2	0 59	24 43	16 52	23 32	23 28	13 44		n.a.
S 6	14 8	9 37	4 44	17 44	0 20	26 22	2 50	24 40	1 39	24 10	0 48	19 20	1 55	22 3	0 39	22 2	0 59	24 43	16 52	23 32	23 28	13 47		n.a.
S 7	14 27	4 56	5 1	17 24	0 37	26 25	2 49	24 36	1 39	24 9	0 48	19 19	1 55	22 3	0 39	22 1	0 59	24 43	16 53	23 32	23 28	13 49		n.a.
M 8	14 45	0 8	5 4	17 3	0 53	26 27	2 49	24 32	1 38	24 9	0 48	19 19	1 55	22 3	0 39	22 1	0 59	24 43	16 53	23 33	23 28	13 51		n.a.
T 9	15 4	4n37	4 53	16 41	1 10	26 29	2 48	24 27	1 37	24 8	0 48	19 18	1 55	22 3	0 39	22 1	0 59	24 43	16 53	23 34	23 28	13 54		n.a.
W10	15 22	9 12	4 29	16 17	1 27	26 30	2 47	24 22	1 36	24 7	0 48	19 17	1 55	22 2	0 39	22 1	0 59	24 43	16 54	23 34	23 29	13 56		n.a.
T 11	15 40	13 24	3 54	15 53	1 44	26 31	2 46	24 17	1 36	24 6	0 48	19 17	1 55	22 2	0 39	22 1	0 59	24 43	16 54	23 35	23 29	13 59		n.a.
F 12	15 57	17 6	3 9	15 29	2 0	26 31	2 45	24 12	1 35	24 5	0 48	19 16	1 54	22 2	0 39	22 1	0 59	24 43	16 54	23 35	23 29	14 1		n.a.
S 13	16 15	20 7	2 16	15 4	2 16	26 30	2 44	24 7	1 34	24 4	0 48	19 15	1 54	22 1	0 39	22 1	0 59	24 44	16 55	23 35	23 29	14 3		n.a.
S 14	16 32	22 17	1 16	14 40	2 32	26 29	2 43	24 1	1 33	24 4	0 48	19 14	1 54	22 1	0 39	22 0	0 59	24 44	16 55	23 36	23 29	14 6		n.a.
M15	16 49	23 29	0 13	14 16	2 46	26 27	2 41	23 56	1 33	24 3	0 48	19 14	1 54	22 0	0 39	22 0	0 59	24 44	16 55	23 36	23 30	14 8		n.a.
T 16	17 6	23 36	0n52	13 53	3 0	26 25	2 39	23 50	1 32	24 2	0 48	19 13	1 54	22 0	0 39	22 0	0 59	24 44	16 56	23 36	23 30	14 10		n.a.
W17	17 22	22 34	1 56	13 31	3 13	26 22	2 37	23 44	1 31	24 1	0 48	19 12	1 54	22 0	0 39	22 0	0 59	24 44	16 56	23 36	23 30	14 13		n.a.
T 18	17 38	20 23	2 56	13 11	3 25	26 18	2 35	23 38	1 30	24 0	0 48	19 11	1 54	21 59	0 39	22 0	0 59	24 44	16 56	23 36	23 30	14 15		n.a.
F 19	17 54	17 7	3 49	12 52	3 35	26 14	2 33	23 32	1 30	23 59	0 48	19 10	1 54	21 59	0 39	22 0	0 59	24 44	16 57	23 36	23 30	14 17		n.a.
S 20	18 9	12 54	4 31	12 34	3 44	26 9	2 31	23 26	1 29	23 58	0 48	19 9	1 53	21 59	0 39	21 59	0 59	24 44	16 57	23 36	23 31	14 20		n.a.
S 21	18 25	7 51	4 59	12 19	3 52	26 4	2 28	23 20	1 28	23 57	0 48	19 8	1 53	21 58	0 39	21 59	0 59	24 44	16 57	23 36	23 31	14 22		n.a.
M22	18 39	2 14	5 9	12 6	3 59	25 58	2 25	23 13	1 27	23 56	0 48	19 7	1 53	21 58	0 39	21 59	0 59	24 44	16 58	23 36	23 31	14 24		n.a.
T 23	18 54	3s40	5 0	11 56	4 4	25 51	2 22	23 6	1 27	23 55	0 48	19 6	1 53	21 57	0 39	21 59	0 59	24 44	16 58	23 36	23 31	14 27		n.a.
W24	19 8	9 29	4 29	11 47	4 8	25 45	2 19	22 59	1 26	23 54	0 48	19 5	1 53	21 57	0 39	21 59	0 59	24 45	16 58	23 37	23 31	14 29		n.a.
T 25	19 22	14 48	3 40	11 42	4 10	25 37	2 16	22 52	1 25	23 53	0 48	19 4	1 53	21 56	0 38	21 59	0 59	24 45	16 59	23 37	23 32	14 31		n.a.
F 26	19 36	19 10	2 35	11 39	4 11	25 29	2 12	22 45	1 25	23 52	0 48	19 3	1 53	21 56	0 38	21 58	0 59	24 45	16 59	23 37	23 32	14 34		n.a.
S 27	19 49	22 11	1 19	11 38	4 11	25 21	2 8	22 38	1 24	23 51	0 48	19 2	1 53	21 55	0 38	21 58	0 59	24 45	17 0	23 37	23 32	14 36		n.a.
S 28	20 3	23 37	0s 0	11 41	4 10	25 12	2 4	22 31	1 23	23 49	0 48	19 1	1 52	21 55	0 38	21 58	0 59	24 45	17 0	23 37	23 32	14 38		n.a.
M29	20 15	23 26	1 18	11 45	4 7	25 3	2 0	22 23	1 22	23 48	0 48	19 0	1 52	21 55	0 38	21 58	0 59	24 45	17 0	23 37	23 32	14 41		n.a.
T 30	20 28	21 47	2 28	11 53	4 3	24 53	1 56	22 15	1 22	23 47	0 48	18 59	1 52	21 54	0 38	21 58	0 59	24 46	17 1	23 37	23 33	14 43		n.a.
W31	20n40	18s56	3s28	12n 3	3s59	24n43	1n51	22n 7	1n21	23n46	0n48	18n57	1n52	21n54	0n38	21s58	0n59	24s46	17s 1	23n37	23n33	14n45		n.a.

Julian Day Number = 1486687.5, Delta T = 05h18m09s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'58, Lahiri = -12°49'57 Julian Calendar 1 May 643 BCE == Greg. Calendar 24 Apr. 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

JUNE 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 8 46	2♊ 2'14	1♓ 2	12♉58	16♋10	28♋50	14♋40	12♌59	25♋55	15°R 9	6♓56	6°R21	7♋37	21♉28	n.a.	T 1
F 2	16 12 42	2°59'20	13°44	13°26	16°58	29°25	14°51	13° 3	25°58	15♐ 7	6°56	6♋20	7°34	21°35	n.a.	F 2
S 3	16 16 39	3°56'26	26° 8	13°58	17°44	0♌ 1	15° 2	13° 7	26° 1	15° 6	6°57	6°18	7°31	21°42	n.a.	S 3
S 4	16 20 35	4°53'33	8♈18	14°36	18°30	0°37	15°14	13°11	26° 3	15° 4	6°57	6°15	7°28	21°48	n.a.	S 4
M 5	16 24 32	5°50'40	20°19	15°18	19°15	1°12	15°25	13°15	26° 6	15° 3	6°57	6°10	7°25	21°55	n.a.	M 5
T 6	16 28 28	6°47'48	2♉13	16° 6	19°59	1°48	15°37	13°19	26° 9	15° 1	6°57	6° 5	7°22	22° 2	n.a.	T 6
W 7	16 32 25	7°44'56	14° 4	16°58	20°42	2°24	15°48	13°23	26°11	14°59	6°57	6° 0	7°18	22° 9	n.a.	W 7
T 8	16 36 21	8°42'04	25°54	17°55	21°25	3° 0	16° 0	13°28	26°14	14°58	6°57	5°56	7°15	22°15	n.a.	T 8
F 9	16 40 18	9°39'14	7♊44	18°56	22° 6	3°36	16°11	13°32	26°17	14°56	6°58	5°53	7°12	22°22	n.a.	F 9
S 10	16 44 15	10°36'23	19°37	20° 2	22°46	4°12	16°23	13°37	26°20	14°54	6°58	5°50	7° 9	22°29	n.a.	S 10
S 11	16 48 11	11°33'33	1♋36	21°13	23°25	4°48	16°35	13°41	26°23	14°53	6°58	5°D49	7° 6	22°35	n.a.	S 11
M12	16 52 8	12°30'44	13°41	22°28	24° 3	5°25	16°47	13°46	26°26	14°51	6°58	5°49	7° 2	22°42	n.a.	M12
T 13	16 56 4	13°27'54	25°56	23°47	24°40	6° 1	16°59	13°51	26°29	14°50	6°58	5°50	6°59	22°49	n.a.	T 13
W14	17 0 1	14°25'05	8♌24	25°11	25°16	6°37	17°11	13°56	26°32	14°48	6°R58	5°52	6°56	22°55	n.a.	W14
T 15	17 3 57	15°22'17	21° 7	26°39	25°50	7°14	17°23	14° 0	26°35	14°46	6°58	5°53	6°53	23° 2	n.a.	T 15
F 16	17 7 54	16°19'29	4♍ 8	28°11	26°23	7°50	17°35	14° 5	26°38	14°45	6°58	5°54	6°50	23° 9	n.a.	F 16
S 17	17 11 51	17°16'41	17°31	29°47	26°55	8°27	17°47	14°10	26°41	14°43	6°58	5°R55	6°47	23°15	n.a.	S 17
S 18	17 15 47	18°13'53	1♎17	1♊27	27°25	9° 4	17°59	14°16	26°44	14°41	6°58	5°54	6°43	23°22	n.a.	S 18
M19	17 19 44	19°11'06	15°27	3°11	27°54	9°40	18°11	14°21	26°47	14°40	6°58	5°53	6°40	23°29	n.a.	M19
T 20	17 23 40	20° 8'20	29°58	4°57	28°21	10°17	18°23	14°26	26°50	14°38	6°57	5°51	6°37	23°35	n.a.	T 20
W21	17 27 37	21° 5'34	14♏48	6°48	28°47	10°54	18°35	14°31	26°54	14°37	6°57	5°50	6°34	23°42	n.a.	W21
T 22	17 31 33	22° 2'48	29°49	8°41	29°11	11°31	18°48	14°36	26°57	14°35	6°57	5°48	6°31	23°49	n.a.	T 22
F 23	17 35 30	23° 0'04	14♐53	10°36	29°33	12° 8	19° 0	14°42	27° 0	14°33	6°57	5°47	6°28	23°55	n.a.	F 23
S 24	17 39 26	23°57'20	29°52	12°34	29°54	12°45	19°13	14°47	27° 3	14°32	6°57	5°D46	6°24	24° 2	n.a.	S 24
S 25	17 43 23	24°54'37	14♑36	14°34	0♌12	13°23	19°25	14°53	27° 7	14°30	6°57	5°46	6°21	24° 9	n.a.	S 25
M26	17 47 20	25°51'55	29° 1	16°36	0°29	14° 0	19°37	14°58	27°10	14°29	6°56	5°47	6°18	24°16	n.a.	M26
T 27	17 51 16	26°49'15	13♒ 0	18°39	0°44	14°37	19°50	15° 4	27°13	14°27	6°56	5°48	6°15	24°22	n.a.	T 27
W28	17 55 13	27°46'35	26°34	20°43	0°57	15°15	20° 2	15°10	27°17	14°26	6°56	5°48	6°12	24°29	n.a.	W28
T 29	17 59 9	28°43'57	9♓42	22°48	1° 8	15°52	20°15	15°16	27°20	14°24	6°55	5°49	6° 8	24°36	n.a.	T 29
F 30	18 3 6	29♊41'20	22♓27	24♊53	1♌17	16♌30	20♋28	15♌21	27♋24	14♐22	6♓55	5♋49	6♋ 5	24♉42	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n51	15s13	4s15	12n15	3s53	24n32	1n46	21n59	1n20	23n45	0n48	18n56	1n52	21n53	0n38	21s57	0n59	24s46	17s 1	23n37	23n33	14n48		n.a.
F 2	21 3	10 55	4 48	12 30	3 46	24 21	1 41	21 51	1 20	23 43	0 48	18 55	1 52	21 53	0 38	21 57	0 59	24 46	17 2	23 37	23 33	14 50		n.a.
S 3	21 14	6 15	5 7	12 47	3 39	24 10	1 36	21 43	1 19	23 42	0 48	18 54	1 52	21 52	0 38	21 57	0 59	24 47	17 2	23 37	23 33	14 52		n.a.
S 4	21 25	1 26	5 12	13 6	3 30	23 58	1 30	21 34	1 18	23 41	0 48	18 52	1 52	21 51	0 38	21 57	0 59	24 47	17 2	23 37	23 34	14 55		n.a.
M 5	21 35	3n23	5 3	13 27	3 21	23 46	1 25	21 26	1 17	23 39	0 48	18 51	1 51	21 51	0 38	21 57	0 59	24 47	17 3	23 38	23 34	14 57		n.a.
T 6	21 45	8 1	4 41	13 50	3 12	23 33	1 19	21 17	1 17	23 38	0 48	18 50	1 51	21 50	0 38	21 57	0 59	24 47	17 3	23 38	23 34	14 59		n.a.
W 7	21 54	12 22	4 6	14 14	3 1	23 21	1 12	21 8	1 16	23 37	0 48	18 48	1 51	21 50	0 38	21 56	0 59	24 48	17 4	23 38	23 34	15 2		n.a.
T 8	22 4	16 14	3 22	14 41	2 50	23 8	1 6	20 59	1 15	23 35	0 48	18 47	1 51	21 49	0 38	21 56	0 59	24 48	17 4	23 38	23 34	15 4		n.a.
F 9	22 12	19 28	2 28	15 9	2 39	22 54	0 59	20 50	1 15	23 34	0 48	18 46	1 51	21 49	0 38	21 56	0 59	24 48	17 4	23 38	23 34	15 6		n.a.
S 10	22 21	21 54	1 28	15 38	2 27	22 41	0 52	20 40	1 14	23 33	0 48	18 44	1 51	21 48	0 38	21 56	0 59	24 48	17 5	23 38	23 35	15 9		n.a.
S 11	22 29	23 22	0 23	16 9	2 15	22 27	0 45	20 31	1 13	23 31	0 48	18 43	1 51	21 48	0 38	21 56	0 59	24 49	17 5	23 39	23 35	15 11		n.a.
M12	22 37	23 46	0n43	16 40	2 3	22 13	0 37	20 21	1 13	23 30	0 48	18 41	1 51	21 47	0 38	21 56	0 59	24 49	17 5	23 39	23 35	15 13		n.a.
T 13	22 44	23 2	1 49	17 12	1 50	21 58	0 30	20 11	1 12	23 28	0 48	18 40	1 51	21 46	0 38	21 55	0 59	24 49	17 6	23 38	23 35	15 16		n.a.
W14	22 51	21 9	2 50	17 45	1 37	21 44	0 22	20 1	1 11	23 27	0 48	18 38	1 51	21 46	0 38	21 55	0 59	24 50	17 6	23 38	23 35	15 18		n.a.
T 15	22 57	18 12	3 45	18 19	1 24	21 29	0 13	19 51	1 10	23 25	0 48	18 37	1 50	21 45	0 38	21 55	0 59	24 50	17 7	23 38	23 35	15 20		n.a.
F 16	23 4	14 17	4 29	18 53	1 11	21 15	0 5	19 41	1 10	23 23	0 48	18 35	1 50	21 45	0 38	21 55	0 59	24 50	17 7	23 38	23 36	15 22		n.a.
S 17	23 9	9 35	5 0	19 27	0 58	21 0	0s 4	19 31	1 9	23 22	0 48	18 34	1 50	21 44	0 38	21 55	0 59	24 51	17 7	23 38	23 36	15 25		n.a.
S 18	23 15	4 17	5 15	20 0	0 45	20 45	0 13	19 20	1 8	23 20	0 48	18 32	1 50	21 43	0 38	21 54	0 59	24 51	17 8	23 38	23 36	15 27		n.a.
M19	23 19	1s23	5 12	20 33	0 32	20 30	0 23	19 10	1 8	23 19	0 48	18 30	1 50	21 43	0 38	21 54	0 59	24 51	17 8	23 38	23 36	15 29		n.a.
T 20	23 24	7 7	4 49	21 6	0 20	20 15	0 33	18 59	1 7	23 17	0 48	18 29	1 50	21 42	0 38	21 54	0 59	24 52	17 8	23 38	23 36	15 32		n.a.
W21	23 28	12 35	4 6	21 37	0 8	20 0	0 43	18 48	1 6	23 15	0 48	18 27	1 50	21 41	0 38	21 54	0 59	24 52	17 9	23 39	23 36	15 34		n.a.
T 22	23 32	17 22	3 6	22 8	0n 4	19 44	0 53	18 37	1 6	23 14	0 48	18 25	1 50	21 41	0 38	21 54	0 59	24 53	17 9	23 39	23 37	15 36		n.a.
F 23	23 35	21 2	1 53	22 36	0 16	19 29	1 4	18 26	1 5	23 12	0 48	18 24	1 50	21 40	0 38	21 54	0 59	24 53	17 9	23 39	23 37	15 38		n.a.
S 24	23 38	23 14	0 33	23 4	0 27	19 14	1 15	18 14	1 4	23 10	0 48	18 22	1 50	21 39	0 38	21 53	0 59	24 53	17 10	23 39	23 37	15 41		n.a.
S 25	23 40	23 46	0s49	23 29	0 37	18 59	1 26	18 3	1 4	23 8	0 48	18 20	1 50	21 39	0 38	21 53	0 59	24 54	17 10	23 39	23 37	15 43		n.a.
M26	23 42	22 41	2 5	23 52	0 47	18 45	1 37	17 51	1 3	23 6	0 48	18 19	1 49	21 38	0 38	21 53	0 59	24 54	17 11	23 39	23 37	15 45		n.a.
T 27	23 44	20 13	3 12	24 13	0 56	18 30	1 49	17 40	1 2	23 5	0 48	18 17	1 49	21 37	0 38	21 53	0 59	24 55	17 11	23 39	23 37	15 47		n.a.
W28	23 45	16 41	4 6	24 31	1 4	18 15	2 1	17 28	1 1	23 3	0 48	18 15	1 49	21 37	0 38	21 53	0 59	24 55	17 11	23 39	23 38	15 50		n.a.
T 29	23 46	12 26	4 45	24 46	1 12	18 1	2 13	17 16	1 1	23 1	0 48	18 13	1 49	21 36	0 38	21 53	0 59	24 56	17 12	23 39	23 38	15 52		n.a.
F 30	23n46	7s45	5s 9	24n59	1n19	17n47	2s26	17n 4	1n 0	22n59	0n48	18n11	1n49	21n35	0n38	21s52	0n58	24s56	17s12	23n39	23n38	15n54		n.a.

Julian Day Number = 1486718.5, Delta T = 05h18m07s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'53, Lahiri = -12°49'53 Julian Calendar 1 June 643 BCE == Greg. Calendar 25 May 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

JULY 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 7 2	0♋38'44	4♈52	26♊58	1♌24	17♌ 7	20♋40	15♌27	27♋27	14°R21	6°R55	5°R49	6♋ 2	24♉49	n.a.	S 1
S 2	18 10 59	1°36'10	17° 3	29° 3	1°28	17°45	20°53	15°33	27°30	14♐19	6♓54	5♋49	5°59	24°56	n.a.	S 2
M 3	18 14 55	2°33'37	29° 2	1♋ 8	1°31	18°23	21° 6	15°39	27°34	14°18	6°54	5°49	5°56	25° 2	n.a.	M 3
T 4	18 18 52	3°31'06	10♉54	3°12	1°R31	19° 1	21°18	15°45	27°37	14°16	6°54	5°49	5°53	25° 9	n.a.	T 4
W 5	18 22 49	4°28'36	22°43	5°15	1°29	19°38	21°31	15°51	27°41	14°15	6°53	5°48	5°49	25°16	n.a.	W 5
T 6	18 26 45	5°26'08	4♊34	7°17	1°24	20°16	21°44	15°57	27°45	14°13	6°53	5°D48	5°46	25°22	n.a.	T 6
F 7	18 30 42	6°23'41	16°28	9°19	1°17	20°54	21°57	16° 4	27°48	14°12	6°52	5°48	5°43	25°29	n.a.	F 7
S 8	18 34 38	7°21'15	28°28	11°19	1° 8	21°33	22°10	16°10	27°52	14°10	6°52	5°48	5°40	25°36	n.a.	S 8
S 9	18 38 35	8°18'51	10♋37	13°18	0°56	22°11	22°23	16°16	27°55	14° 9	6°51	5°R48	5°37	25°42	n.a.	S 9
M10	18 42 31	9°16'28	22°56	15°15	0°42	22°49	22°36	16°22	27°59	14° 7	6°51	5°48	5°34	25°49	n.a.	M10
T 11	18 46 28	10°14'06	5♌27	17°11	0°26	23°27	22°48	16°29	28° 2	14° 6	6°50	5°48	5°30	25°56	n.a.	T 11
W12	18 50 25	11°11'46	18°11	19° 6	0° 7	24° 6	23° 1	16°35	28° 6	14° 5	6°50	5°47	5°27	26° 2	n.a.	W12
T 13	18 54 21	12° 9'27	1♍ 8	21° 0	29♋46	24°44	23°14	16°42	28°10	14° 3	6°49	5°47	5°24	26° 9	n.a.	T 13
F 14	18 58 18	13° 7'09	14°21	22°52	29°23	25°23	23°27	16°48	28°13	14° 2	6°48	5°46	5°21	26°16	n.a.	F 14
S 15	19 2 14	14° 4'52	27°50	24°42	28°58	26° 1	23°40	16°55	28°17	14° 1	6°48	5°45	5°18	26°22	n.a.	S 15
S 16	19 6 11	15° 2'37	11♎35	26°32	28°31	26°40	23°53	17° 1	28°21	13°59	6°47	5°D45	5°14	26°29	n.a.	S 16
M17	19 10 7	16° 0'22	25°36	28°19	28° 2	27°19	24° 6	17° 8	28°24	13°58	6°46	5°45	5°11	26°36	n.a.	M17
T 18	19 14 4	16°58'09	9♏52	0♌ 6	27°32	27°58	24°19	17°15	28°28	13°57	6°46	5°46	5° 8	26°42	n.a.	T 18
W19	19 18 0	17°55'58	24°21	1°51	26°59	28°36	24°32	17°21	28°32	13°55	6°45	5°46	5° 5	26°49	n.a.	W19
T 20	19 21 57	18°53'47	8♐59	3°34	26°26	29°15	24°45	17°28	28°36	13°54	6°44	5°47	5° 2	26°56	n.a.	T 20
F 21	19 25 54	19°51'39	23°41	5°16	25°51	29°54	24°58	17°35	28°39	13°53	6°44	5°48	4°59	27° 2	n.a.	F 21
S 22	19 29 50	20°49'31	8♑20	6°57	25°16	0♍33	25°12	17°42	28°43	13°52	6°43	5°R48	4°55	27° 9	n.a.	S 22
S 23	19 33 47	21°47'26	22°51	8°37	24°39	1°13	25°25	17°48	28°47	13°50	6°42	5°48	4°52	27°16	n.a.	S 23
M24	19 37 43	22°45'22	7♒ 8	10°15	24° 3	1°52	25°38	17°55	28°51	13°49	6°41	5°46	4°49	27°23	n.a.	M24
T 25	19 41 40	23°43'19	21° 4	11°52	23°26	2°31	25°51	18° 2	28°54	13°48	6°41	5°44	4°46	27°29	n.a.	T 25
W26	19 45 36	24°41'19	4♓39	13°28	22°49	3°10	26° 4	18° 9	28°58	13°47	6°40	5°42	4°43	27°36	n.a.	W26
T 27	19 49 33	25°39'20	17°50	15° 2	22°12	3°50	26°17	18°16	29° 2	13°46	6°39	5°39	4°40	27°43	n.a.	T 27
F 28	19 53 29	26°37'24	0♈38	16°35	21°36	4°29	26°30	18°23	29° 6	13°45	6°38	5°37	4°36	27°49	n.a.	F 28
S 29	19 57 26	27°35'29	13° 6	18° 6	21° 0	5° 9	26°43	18°30	29° 9	13°44	6°37	5°35	4°33	27°56	n.a.	S 29
S 30	20 1 23	28°33'37	25°17	19°37	20°25	5°48	26°56	18°37	29°13	13°43	6°36	5°D34	4°30	28° 3	n.a.	S 30
M31	20 5 19	29♋31'47	7♉16	21♌ 6	19♋52	6♍28	27♋ 9	18♌44	29♋17	13♐42	6♓35	5♋34	4♋27	28♉ 9	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	2s53	5s17	25n10	1n25	17n33	2s39	16n52	0n59	22n57	0n48	18n10	1n49	21n35	0n38	21s52	0n58	24s56	17s12	23n39	23n38	15n57		n.a.
S 2	23 46	2n 0	5 11	25 17	1 31	17 19	2 52	16 39	0 59	22 55	0 48	18 8	1 49	21 34	0 38	21 52	0 58	24 57	17 13	23 39	23 38	15 59		n.a.
M 3	23 45	6 44	4 52	25 21	1 35	17 6	3 5	16 27	0 58	22 53	0 48	18 6	1 49	21 33	0 38	21 52	0 58	24 57	17 13	23 39	23 38	16 1		n.a.
T 4	23 43	11 11	4 20	25 23	1 39	16 53	3 18	16 14	0 57	22 51	0 48	18 4	1 49	21 33	0 38	21 52	0 58	24 58	17 13	23 39	23 38	16 3		n.a.
W 5	23 42	15 13	3 37	25 22	1 43	16 40	3 32	16 2	0 57	22 49	0 48	18 2	1 49	21 32	0 38	21 52	0 58	24 58	17 14	23 39	23 39	16 6		n.a.
T 6	23 40	18 39	2 45	25 19	1 45	16 28	3 45	15 49	0 56	22 47	0 49	18 0	1 49	21 31	0 38	21 52	0 58	24 59	17 14	23 39	23 39	16 8		n.a.
F 7	23 37	21 20	1 45	25 13	1 47	16 16	3 59	15 36	0 55	22 45	0 49	17 58	1 49	21 30	0 38	21 51	0 58	24 59	17 14	23 39	23 39	16 10		n.a.
S 8	23 34	23 5	0 41	25 4	1 48	16 4	4 13	15 23	0 55	22 43	0 49	17 56	1 49	21 30	0 38	21 51	0 58	25 0	17 15	23 39	23 39	16 12		n.a.
S 9	23 30	23 47	0n27	24 54	1 48	15 53	4 27	15 9	0 54	22 41	0 49	17 54	1 49	21 29	0 38	21 51	0 58	25 0	17 15	23 39	23 39	16 15		n.a.
M10	23 27	23 20	1 34	24 41	1 48	15 43	4 41	14 56	0 53	22 39	0 49	17 52	1 49	21 28	0 38	21 51	0 58	25 1	17 15	23 39	23 39	16 17		n.a.
T 11	23 22	21 43	2 37	24 25	1 47	15 33	4 55	14 43	0 52	22 37	0 49	17 50	1 49	21 27	0 38	21 51	0 58	25 1	17 16	23 39	23 39	16 19		n.a.
W12	23 18	18 59	3 34	24 8	1 46	15 23	5 8	14 29	0 52	22 35	0 49	17 48	1 49	21 27	0 38	21 51	0 58	25 2	17 16	23 39	23 39	16 21		n.a.
T 13	23 12	15 16	4 21	23 49	1 44	15 14	5 22	14 16	0 51	22 33	0 49	17 46	1 48	21 26	0 38	21 51	0 58	25 2	17 16	23 39	23 40	16 23		n.a.
F 14	23 7	10 46	4 55	23 29	1 42	15 6	5 35	14 2	0 50	22 30	0 49	17 44	1 48	21 25	0 38	21 50	0 58	25 3	17 17	23 39	23 40	16 26		n.a.
S 15	23 1	5 40	5 14	23 6	1 39	14 58	5 48	13 48	0 50	22 28	0 49	17 42	1 48	21 24	0 38	21 50	0 58	25 3	17 17	23 39	23 40	16 28		n.a.
S 16	22 55	0 11	5 15	22 42	1 36	14 51	6 1	13 34	0 49	22 26	0 49	17 40	1 48	21 24	0 38	21 50	0 58	25 4	17 17	23 39	23 40	16 30		n.a.
M17	22 48	5s24	4 58	22 17	1 32	14 44	6 14	13 20	0 48	22 24	0 49	17 38	1 48	21 23	0 38	21 50	0 58	25 4	17 17	23 39	23 40	16 32		n.a.
T 18	22 41	10 49	4 23	21 50	1 28	14 39	6 26	13 6	0 48	22 21	0 49	17 36	1 48	21 22	0 38	21 50	0 58	25 5	17 18	23 39	23 40	16 35		n.a.
W19	22 33	15 44	3 30	21 23	1 23	14 33	6 37	12 51	0 47	22 19	0 49	17 34	1 48	21 21	0 38	21 50	0 58	25 6	17 18	23 39	23 40	16 37		n.a.
T 20	22 25	19 45	2 23	20 54	1 18	14 29	6 48	12 37	0 46	22 17	0 49	17 32	1 48	21 21	0 38	21 50	0 58	25 6	17 18	23 39	23 41	16 39		n.a.
F 21	22 17	22 31	1 7	20 24	1 13	14 25	6 58	12 22	0 46	22 14	0 49	17 30	1 48	21 20	0 38	21 50	0 58	25 7	17 19	23 39	23 41	16 41		n.a.
S 22	22 8	23 44	0s14	19 53	1 7	14 22	7 8	12 8	0 45	22 12	0 49	17 27	1 48	21 19	0 38	21 49	0 58	25 7	17 19	23 39	23 41	16 43		n.a.
S 23	21 59	23 20	1 33	19 21	1 2	14 19	7 17	11 53	0 44	22 10	0 49	17 25	1 48	21 18	0 38	21 49	0 58	25 8	17 19	23 39	23 41	16 46		n.a.
M24	21 49	21 24	2 45	18 48	0 55	14 17	7 25	11 38	0 44	22 7	0 50	17 23	1 48	21 18	0 38	21 49	0 58	25 8	17 19	23 39	23 41	16 48		n.a.
T 25	21 39	18 13	3 45	18 15	0 49	14 16	7 33	11 23	0 43	22 5	0 50	17 21	1 48	21 17	0 38	21 49	0 58	25 9	17 20	23 39	23 41	16 50		n.a.
W26	21 29	14 7	4 30	17 41	0 42	14 16	7 40	11 8	0 42	22 3	0 50	17 19	1 48	21 16	0 38	21 49	0 58	25 9	17 20	23 39	23 41	16 52		n.a.
T 27	21 18	9 28	5 0	17 7	0 35	14 16	7 45	10 53	0 41	22 0	0 50	17 17	1 48	21 15	0 38	21 49	0 58	25 10	17 20	23 39	23 41	16 54		n.a.
F 28	21 7	4 32	5 14	16 32	0 28	14 16	7 50	10 38	0 41	21 58	0 50	17 14	1 48	21 14	0 38	21 49	0 58	25 10	17 20	23 39	23 41	16 57		n.a.
S 29	20 56	0n27	5 12	15 57	0 21	14 18	7 54	10 23	0 40	21 55	0 50	17 12	1 48	21 14	0 38	21 49	0 58	25 11	17 21	23 39	23 42	16 59		n.a.
S 30	20 44	5 19	4 57	15 21	0 13	14 19	7 58	10 7	0 39	21 53	0 50	17 10	1 48	21 13	0 38	21 49	0 58	25 12	17 21	23 39	23 42	17 1		n.a.
M31	20n32	9n54	4s28	14n45	0n 6	14n22	8s 0	9n52	0n39	21n50	0n50	17n 8	1n48	21n12	0n38	21s48	0n58	25s12	17s21	23n39	23n42	17n 3		n.a.

Julian Day Number = 1486748.5, Delta T = 05h18m06s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'49, Lahiri = -12°49'49 Julian Calendar 1 July 643 BCE == Greg. Calendar 24 June 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

AUGUST 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 9 16	0♌29'58	19♉ 9	22♌34	19°R20	7♍ 8	27♋22	18♌51	29♋21	13°R41	6°R35	5♋35	4♋24	28♉16	n.a.	T 1
W 2	20 13 12	1°28'12	0♊58	24° 0	18♋50	7°48	27°36	18°58	29°24	13♐40	6♓34	5°37	4°20	28°23	n.a.	W 2
T 3	20 17 9	2°26'29	12°50	25°25	18°21	8°27	27°49	19° 6	29°28	13°39	6°33	5°39	4°17	28°29	n.a.	T 3
F 4	20 21 5	3°24'47	24°48	26°49	17°54	9° 7	28° 2	19°13	29°32	13°38	6°32	5°40	4°14	28°36	n.a.	F 4
S 5	20 25 2	4°23'07	6♋56	28°11	17°29	9°47	28°15	19°20	29°36	13°37	6°31	5°R41	4°11	28°43	n.a.	S 5
S 6	20 28 58	5°21'30	19°17	29°32	17° 6	10°27	28°28	19°27	29°39	13°36	6°30	5°40	4° 8	28°49	n.a.	S 6
M 7	20 32 55	6°19'54	1♌52	0♍51	16°45	11° 8	28°41	19°34	29°43	13°35	6°29	5°37	4° 5	28°56	n.a.	M 7
T 8	20 36 51	7°18'21	14°43	2° 9	16°27	11°48	28°54	19°41	29°47	13°34	6°28	5°34	4° 1	29° 3	n.a.	T 8
W 9	20 40 48	8°16'49	27°49	3°25	16°11	12°28	29° 7	19°49	29°51	13°34	6°27	5°29	3°58	29° 9	n.a.	W 9
T 10	20 44 45	9°15'19	11♍10	4°40	15°57	13° 8	29°20	19°56	29°54	13°33	6°26	5°23	3°55	29°16	n.a.	T 10
F 11	20 48 41	10°13'51	24°44	5°53	15°45	13°49	29°33	20° 3	29°58	13°32	6°25	5°18	3°52	29°23	n.a.	F 11
S 12	20 52 38	11°12'25	8♎29	7° 4	15°36	14°29	29°46	20°11	0♌ 2	13°31	6°24	5°13	3°49	29°29	n.a.	S 12
S 13	20 56 34	12°11'01	22°23	8°13	15°30	15°10	29°59	20°18	0° 6	13°31	6°23	5°10	3°46	29°36	n.a.	S 13
M14	21 0 31	13° 9'39	6♏25	9°21	15°26	15°50	0♌12	20°25	0° 9	13°30	6°22	5° 9	3°42	29°43	n.a.	M14
T 15	21 4 27	14° 8'18	20°33	10°26	15°D24	16°31	0°25	20°32	0°13	13°30	6°21	5°D 9	3°39	29°49	n.a.	T 15
W16	21 8 24	15° 6'59	4♐45	11°28	15°24	17°12	0°38	20°40	0°17	13°29	6°19	5°10	3°36	29°56	n.a.	W16
T 17	21 12 20	16° 5'42	19° 0	12°29	15°27	17°53	0°50	20°47	0°20	13°28	6°18	5°11	3°33	0♊ 3	n.a.	T 17
F 18	21 16 17	17° 4'27	3♑16	13°27	15°32	18°34	1° 3	20°54	0°24	13°28	6°17	5°R12	3°30	0° 9	n.a.	F 18
S 19	21 20 14	18° 3'13	17°29	14°22	15°40	19°14	1°16	21° 2	0°28	13°27	6°16	5°11	3°26	0°16	n.a.	S 19
S 20	21 24 10	19° 2'02	1♒36	15°14	15°49	19°55	1°29	21° 9	0°31	13°27	6°15	5° 9	3°23	0°23	n.a.	S 20
M21	21 28 7	20° 0'53	15°33	16° 3	16° 1	20°36	1°42	21°16	0°35	13°27	6°14	5° 4	3°20	0°29	n.a.	M21
T 22	21 32 3	20°59'45	29°16	16°48	16°15	21°18	1°54	21°24	0°39	13°26	6°13	4°57	3°17	0°36	n.a.	T 22
W23	21 36 0	21°58'40	12♓41	17°30	16°30	21°59	2° 7	21°31	0°42	13°26	6°12	4°49	3°14	0°43	n.a.	W23
T 24	21 39 56	22°57'37	25°47	18° 7	16°48	22°40	2°20	21°38	0°46	13°26	6°11	4°41	3°11	0°49	n.a.	T 24
F 25	21 43 53	23°56'36	8♈33	18°40	17° 8	23°21	2°32	21°46	0°49	13°25	6° 9	4°33	3° 7	0°56	n.a.	F 25
S 26	21 47 49	24°55'38	21° 0	19° 9	17°29	24° 3	2°45	21°53	0°53	13°25	6° 8	4°26	3° 4	1° 3	n.a.	S 26
S 27	21 51 46	25°54'42	3♉12	19°32	17°53	24°44	2°58	22° 0	0°56	13°25	6° 7	4°22	3° 1	1° 9	n.a.	S 27
M28	21 55 42	26°53'48	15°11	19°49	18°18	25°26	3°10	22° 8	1° 0	13°25	6° 6	4°19	2°58	1°16	n.a.	M28
T 29	21 59 39	27°52'57	27° 3	20° 1	18°45	26° 7	3°23	22°15	1° 3	13°24	6° 5	4°D18	2°55	1°23	n.a.	T 29
W30	22 3 36	28°52'09	8♊52	20°R 6	19°13	26°49	3°35	22°22	1° 7	13°24	6° 4	4°18	2°51	1°29	n.a.	W30
T 31	22 7 32	29♌51'22	20♊44	20♍ 4	19♋43	27♍31	3♌48	22♌30	1♌10	13♐24	6♓ 3	4♋19	2♋48	1♊36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n19	14n 5	3s49	14n 9	0s 2	14n25	8s 1	9n36	0n38	21n48	0n50	17n 5	1n48	21n11	0n38	21s48	0n58	25s13	17s21	23n39	23n42	17n 5			n.a.
W 2	20 7	17 43	2 59	13 33	0 10	14 28	8 2	9 20	0 37	21 45	0 50	17 3	1 48	21 10	0 38	21 48	0 58	25 13	17 22	23 39	23 42	17 7			n.a.
T 3	19 53	20 38	2 2	12 56	0 18	14 32	8 2	9 5	0 37	21 43	0 50	17 1	1 48	21 10	0 38	21 48	0 57	25 14	17 22	23 39	23 42	17 10			n.a.
F 4	19 40	22 41	0 59	12 20	0 27	14 37	8 1	8 49	0 36	21 40	0 50	16 59	1 48	21 9	0 38	21 48	0 57	25 14	17 22	23 39	23 42	17 12			n.a.
S 5	19 26	23 42	0n 7	11 43	0 35	14 41	7 59	8 33	0 35	21 37	0 50	16 56	1 48	21 8	0 38	21 48	0 57	25 15	17 22	23 39	23 42	17 14			n.a.
S 6	19 12	23 35	1 14	11 7	0 43	14 46	7 57	8 17	0 35	21 35	0 51	16 54	1 48	21 7	0 38	21 48	0 57	25 16	17 23	23 39	23 42	17 16			n.a.
M 7	18 57	22 16	2 19	10 31	0 52	14 52	7 54	8 1	0 34	21 32	0 51	16 52	1 48	21 7	0 38	21 48	0 57	25 16	17 23	23 39	23 43	17 18			n.a.
T 8	18 42	19 47	3 17	9 55	1 1	14 58	7 50	7 45	0 33	21 30	0 51	16 49	1 48	21 6	0 38	21 48	0 57	25 17	17 23	23 39	23 43	17 20			n.a.
W 9	18 27	16 15	4 7	9 19	1 9	15 4	7 46	7 29	0 33	21 27	0 51	16 47	1 48	21 5	0 38	21 48	0 57	25 17	17 23	23 39	23 43	17 23			n.a.
T 10	18 11	11 50	4 44	8 44	1 18	15 10	7 41	7 12	0 32	21 24	0 51	16 45	1 48	21 4	0 38	21 48	0 57	25 18	17 23	23 40	23 43	17 25			n.a.
F 11	17 55	6 47	5 6	8 9	1 26	15 17	7 36	6 56	0 31	21 22	0 51	16 42	1 48	21 3	0 38	21 48	0 57	25 18	17 23	23 40	23 43	17 27			n.a.
S 12	17 39	1 20	5 11	7 34	1 35	15 24	7 30	6 39	0 31	21 19	0 51	16 40	1 48	21 3	0 38	21 48	0 57	25 19	17 24	23 40	23 43	17 29			n.a.
S 13	17 23	4s14	4 57	7 0	1 44	15 31	7 24	6 23	0 30	21 16	0 51	16 38	1 48	21 2	0 38	21 48	0 57	25 19	17 24	23 40	23 43	17 31			n.a.
M14	17 6	9 39	4 26	6 27	1 52	15 38	7 17	6 6	0 29	21 14	0 51	16 35	1 48	21 1	0 38	21 48	0 57	25 20	17 24	23 40	23 43	17 33			n.a.
T 15	16 49	14 37	3 39	5 54	2 1	15 45	7 10	5 50	0 28	21 11	0 51	16 33	1 48	21 0	0 38	21 48	0 57	25 21	17 24	23 40	23 43	17 35			n.a.
W16	16 32	18 48	2 38	5 22	2 9	15 52	7 3	5 33	0 28	21 8	0 52	16 31	1 48	20 59	0 38	21 48	0 57	25 21	17 24	23 40	23 43	17 38			n.a.
T 17	16 14	21 52	1 27	4 51	2 18	15 59	6 55	5 16	0 27	21 5	0 52	16 28	1 48	20 59	0 38	21 48	0 57	25 22	17 24	23 40	23 43	17 40			n.a.
F 18	15 56	23 33	0 10	4 21	2 26	16 6	6 47	4 59	0 26	21 3	0 52	16 26	1 48	20 58	0 38	21 48	0 57	25 22	17 25	23 40	23 44	17 42			n.a.
S 19	15 38	23 42	1s 6	3 52	2 34	16 14	6 39	4 43	0 26	21 0	0 52	16 24	1 48	20 57	0 38	21 47	0 57	25 23	17 25	23 40	23 44	17 44			n.a.
S 20	15 19	22 19	2 18	3 25	2 42	16 21	6 31	4 26	0 25	20 57	0 52	16 21	1 49	20 56	0 38	21 47	0 57	25 23	17 25	23 40	23 44	17 46			n.a.
M21	15 1	19 35	3 21	2 59	2 50	16 28	6 23	4 9	0 24	20 54	0 52	16 19	1 49	20 55	0 38	21 47	0 57	25 24	17 25	23 40	23 44	17 48			n.a.
T 22	14 42	15 47	4 10	2 34	2 57	16 35	6 14	3 52	0 24	20 51	0 52	16 17	1 49	20 55	0 38	21 47	0 57	25 24	17 25	23 41	23 44	17 50			n.a.
W23	14 23	11 16	4 45	2 11	3 4	16 42	6 5	3 35	0 23	20 49	0 52	16 14	1 49	20 54	0 38	21 47	0 57	25 25	17 25	23 41	23 44	17 52			n.a.
T 24	14 3	6 20	5 4	1 51	3 10	16 48	5 56	3 17	0 22	20 46	0 52	16 12	1 49	20 53	0 38	21 47	0 57	25 25	17 25	23 41	23 44	17 55			n.a.
F 25	13 43	1 15	5 7	1 32	3 17	16 55	5 47	3 0	0 22	20 43	0 53	16 10	1 49	20 52	0 38	21 47	0 57	25 26	17 25	23 42	23 44	17 57			n.a.
S 26	13 24	3n46	4 55	1 16	3 22	17 1	5 38	2 43	0 21	20 40	0 53	16 7	1 49	20 52	0 38	21 47	0 57	25 27	17 25	23 42	23 44	17 59			n.a.
S 27	13 3	8 32	4 30	1 2	3 27	17 7	5 29	2 26	0 20	20 37	0 53	16 5	1 49	20 51	0 38	21 47	0 57	25 27	17 25	23 42	23 44	18 1			n.a.
M28	12 43	12 54	3 53	0 51	3 31	17 13	5 20	2 8	0 20	20 35	0 53	16 3	1 49	20 50	0 38	21 48	0 56	25 28	17 25	23 42	23 44	18 3			n.a.
T 29	12 23	16 45	3 7	0 43	3 35	17 18	5 11	1 51	0 19	20 32	0 53	16 0	1 49	20 49	0 38	21 48	0 56	25 28	17 26	23 42	23 44	18 5			n.a.
W30	12 2	19 54	2 12	0 39	3 38	17 23	5 2	1 34	0 18	20 29	0 53	15 58	1 49	20 49	0 38	21 48	0 56	25 29	17 26	23 42	23 44	18 7			n.a.
T 31	11n41	22n14	1s12	0n38	3s39	17n28	4s53	1n16	0n17	20n26	0n53	15n55	1n49	20n48	0n38	21s48	0n56	25s29	17s26	23n42	23n45	18n 9			n.a.

Julian Day Number = 1486779.5, Delta T = 05h18m04s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'45, Lahiri = -12°49'45 Julian Calendar 1 Aug. 643 BCE == Greg. Calendar 25 July 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

SEPTEMBER 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 11 29	0♍50'39	2♋44	19°R55	20♋15	28♍12	4♌ 0	22♌37	1♌14	13°R24	6°R 1	4°R20	2♋45	1♊43	n.a.	F 1
S 2	22 15 25	1°49'57	14°57	19♍38	20°48	28°54	4°12	22°44	1°17	13°D24	6♓ 0	4♋19	2°42	1°49	n.a.	S 2
S 3	22 19 22	2°49'18	27°27	19°14	21°22	29°36	4°25	22°52	1°20	13♐24	5°59	4°17	2°39	1°56	n.a.	S 3
M 4	22 23 18	3°48'42	10♌16	18°41	21°58	0♎18	4°37	22°59	1°24	13°24	5°58	4°12	2°36	2° 3	n.a.	M 4
T 5	22 27 15	4°48'07	23°25	18° 0	22°35	1° 0	4°49	23° 6	1°27	13°24	5°57	4° 4	2°32	2° 9	n.a.	T 5
W 6	22 31 11	5°47'35	6♍55	17°12	23°13	1°42	5° 1	23°13	1°30	13°24	5°55	3°55	2°29	2°16	n.a.	W 6
T 7	22 35 8	6°47'05	20°42	16°16	23°53	2°24	5°13	23°21	1°33	13°25	5°54	3°44	2°26	2°23	n.a.	T 7
F 8	22 39 5	7°46'37	4♎43	15°15	24°33	3° 7	5°25	23°28	1°37	13°25	5°53	3°34	2°23	2°29	n.a.	F 8
S 9	22 43 1	8°46'11	18°53	14° 7	25°15	3°49	5°37	23°35	1°40	13°25	5°52	3°24	2°20	2°36	n.a.	S 9
S 10	22 46 58	9°45'47	3♏ 8	12°57	25°58	4°31	5°49	23°42	1°43	13°25	5°51	3°17	2°17	2°43	n.a.	S 10
M11	22 50 54	10°45'25	17°22	11°44	26°42	5°14	6° 1	23°49	1°46	13°25	5°50	3°13	2°13	2°49	n.a.	M11
T 12	22 54 51	11°45'04	1♐34	10°31	27°27	5°56	6°13	23°56	1°49	13°26	5°48	3°10	2°10	2°56	n.a.	T 12
W13	22 58 47	12°44'46	15°41	9°20	28°13	6°39	6°24	24° 3	1°52	13°26	5°47	3°D10	2° 7	3° 3	n.a.	W13
T 14	23 2 44	13°44'29	29°42	8°14	28°59	7°21	6°36	24°11	1°56	13°26	5°46	3°R10	2° 4	3° 9	n.a.	T 14
F 15	23 6 40	14°44'15	13♑37	7°13	29°47	8° 4	6°48	24°18	1°59	13°27	5°45	3°10	2° 1	3°16	n.a.	F 15
S 16	23 10 37	15°44'02	27°26	6°21	0♌36	8°47	6°59	24°25	2° 2	13°27	5°44	3° 8	1°57	3°23	n.a.	S 16
S 17	23 14 34	16°43'51	11♒ 6	5°38	1°25	9°29	7°11	24°32	2° 4	13°28	5°43	3° 3	1°54	3°29	n.a.	S 17
M18	23 18 30	17°43'41	24°38	5° 6	2°15	10°12	7°22	24°39	2° 7	13°28	5°41	2°55	1°51	3°36	n.a.	M18
T 19	23 22 27	18°43'34	7♓58	4°44	3° 6	10°55	7°34	24°46	2°10	13°29	5°40	2°45	1°48	3°43	n.a.	T 19
W20	23 26 23	19°43'29	21° 6	4°D34	3°58	11°38	7°45	24°52	2°13	13°29	5°39	2°32	1°45	3°49	n.a.	W20
T 21	23 30 20	20°43'25	3♈59	4°35	4°50	12°21	7°56	24°59	2°16	13°30	5°38	2°19	1°42	3°56	n.a.	T 21
F 22	23 34 16	21°43'24	16°36	4°47	5°43	13° 4	8° 7	25° 6	2°19	13°31	5°37	2° 6	1°38	4° 3	n.a.	F 22
S 23	23 38 13	22°43'25	28°58	5°10	6°37	13°47	8°18	25°13	2°21	13°31	5°36	1°55	1°35	4° 9	n.a.	S 23
S 24	23 42 9	23°43'28	11♉ 6	5°42	7°32	14°30	8°29	25°20	2°24	13°32	5°35	1°46	1°32	4°16	n.a.	S 24
M25	23 46 6	24°43'34	23° 4	6°24	8°27	15°14	8°40	25°26	2°27	13°33	5°34	1°40	1°29	4°23	n.a.	M25
T 26	23 50 2	25°43'41	4♊54	7°13	9°22	15°57	8°51	25°33	2°29	13°34	5°32	1°36	1°26	4°29	n.a.	T 26
W27	23 53 59	26°43'51	16°42	8°10	10°19	16°40	9° 2	25°40	2°32	13°34	5°31	1°35	1°23	4°36	n.a.	W27
T 28	23 57 56	27°44'03	28°32	9°13	11°16	17°24	9°12	25°46	2°35	13°35	5°30	1°34	1°19	4°43	n.a.	T 28
F 29	0 1 52	28°44'17	10♋31	10°21	12°13	18° 7	9°23	25°53	2°37	13°36	5°29	1°34	1°16	4°49	n.a.	F 29
S 30	0 5 49	29♍44'34	22♋44	11♍35	13♌11	18♎51	9♌33	26♌ 0	2♌40	13♐37	5♓28	1♋33	1♋13	4♊56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n20	23n36	0s 9	0n42	3s39	17n33	4s44	0n59	0n17	20n23	0n53	15n53	1n49	20n47	0n38	21s48	0n56	25s30	17s26	23n42	23n45	18n11		n.a.
S 2	10 58	23 52	0n57	0 49	3 38	17 37	4 35	0 41	0 16	20 20	0 54	15 51	1 49	20 46	0 38	21 48	0 56	25 30	17 26	23 42	23 45	18 13		n.a.
S 3	10 37	22 56	2 1	1 1	3 36	17 41	4 25	0 24	0 15	20 18	0 54	15 48	1 49	20 46	0 38	21 48	0 56	25 31	17 26	23 42	23 45	18 15		n.a.
M 4	10 15	20 48	3 0	1 18	3 32	17 44	4 16	0 6	0 15	20 15	0 54	15 46	1 50	20 45	0 38	21 48	0 56	25 31	17 26	23 42	23 45	18 18		n.a.
T 5	9 53	17 32	3 51	1 39	3 26	17 47	4 7	0s11	0 14	20 12	0 54	15 44	1 50	20 44	0 38	21 48	0 56	25 31	17 26	23 43	23 45	18 20		n.a.
W 6	9 31	13 16	4 31	2 5	3 18	17 50	3 58	0 29	0 13	20 9	0 54	15 41	1 50	20 44	0 38	21 48	0 56	25 32	17 26	23 43	23 45	18 22		n.a.
T 7	9 9	8 15	4 55	2 36	3 8	17 52	3 49	0 47	0 13	20 6	0 54	15 39	1 50	20 43	0 38	21 48	0 56	25 32	17 26	23 43	23 45	18 24		n.a.
F 8	8 46	2 43	5 3	3 11	2 57	17 53	3 41	1 4	0 12	20 3	0 54	15 37	1 50	20 42	0 38	21 48	0 56	25 33	17 26	23 43	23 45	18 26		n.a.
S 9	8 24	3s 0	4 52	3 50	2 43	17 55	3 32	1 22	0 11	20 1	0 55	15 34	1 50	20 41	0 38	21 48	0 56	25 33	17 26	23 44	23 45	18 28		n.a.
S 10	8 1	8 36	4 23	4 31	2 28	17 55	3 23	1 39	0 11	19 58	0 55	15 32	1 50	20 41	0 38	21 48	0 56	25 34	17 26	23 44	23 45	18 30		n.a.
M11	7 38	13 46	3 38	5 15	2 10	17 56	3 14	1 57	0 10	19 55	0 55	15 30	1 50	20 40	0 39	21 48	0 56	25 34	17 26	23 44	23 45	18 32		n.a.
T 12	7 15	18 9	2 40	6 0	1 52	17 55	3 6	2 15	0 9	19 52	0 55	15 27	1 50	20 39	0 39	21 48	0 56	25 35	17 26	23 44	23 45	18 34		n.a.
W13	6 52	21 28	1 32	6 45	1 32	17 55	2 57	2 33	0 9	19 49	0 55	15 25	1 50	20 39	0 39	21 48	0 56	25 35	17 26	23 44	23 45	18 36		n.a.
T 14	6 29	23 28	0 18	7 29	1 12	17 53	2 49	2 50	0 8	19 46	0 55	15 23	1 51	20 38	0 39	21 48	0 56	25 35	17 26	23 44	23 45	18 38		n.a.
F 15	6 5	23 59	0s55	8 11	0 52	17 52	2 41	3 8	0 7	19 44	0 56	15 21	1 51	20 37	0 39	21 49	0 56	25 36	17 26	23 44	23 45	18 40		n.a.
S 16	5 42	23 0	2 5	8 49	0 31	17 49	2 32	3 26	0 7	19 41	0 56	15 18	1 51	20 37	0 39	21 49	0 56	25 36	17 25	23 44	23 45	18 42		n.a.
S 17	5 19	20 40	3 7	9 24	0 11	17 47	2 24	3 43	0 6	19 38	0 56	15 16	1 51	20 36	0 39	21 49	0 56	25 37	17 25	23 44	23 46	18 44		n.a.
M18	4 55	17 12	3 57	9 53	0n 8	17 43	2 16	4 1	0 5	19 35	0 56	15 14	1 51	20 35	0 39	21 49	0 56	25 37	17 25	23 44	23 46	18 46		n.a.
T 19	4 31	12 55	4 33	10 18	0 25	17 39	2 8	4 19	0 5	19 32	0 56	15 12	1 51	20 35	0 39	21 49	0 56	25 37	17 25	23 45	23 46	18 48		n.a.
W20	4 7	8 5	4 55	10 37	0 42	17 35	2 0	4 36	0 4	19 30	0 56	15 9	1 51	20 34	0 39	21 49	0 56	25 38	17 25	23 45	23 46	18 50		n.a.
T 21	3 44	2 59	5 0	10 51	0 57	17 30	1 53	4 54	0 3	19 27	0 57	15 7	1 51	20 34	0 39	21 49	0 55	25 38	17 25	23 45	23 46	18 52		n.a.
F 22	3 20	2n 8	4 51	10 59	1 11	17 24	1 45	5 12	0 2	19 24	0 57	15 5	1 51	20 33	0 39	21 49	0 55	25 38	17 25	23 45	23 46	18 54		n.a.
S 23	2 56	7 5	4 28	11 2	1 23	17 18	1 37	5 29	0 2	19 21	0 57	15 3	1 52	20 32	0 39	21 49	0 55	25 39	17 25	23 46	23 46	18 56		n.a.
S 24	2 32	11 40	3 53	10 59	1 33	17 12	1 30	5 47	0 1	19 19	0 57	15 0	1 52	20 32	0 39	21 50	0 55	25 39	17 25	23 46	23 46	18 58		n.a.
M25	2 7	15 45	3 9	10 52	1 42	17 4	1 23	6 4	0 0	19 16	0 57	14 58	1 52	20 31	0 39	21 50	0 55	25 39	17 25	23 46	23 46	19 0		n.a.
T 26	1 43	19 11	2 16	10 40	1 50	16 57	1 15	6 22	0s 0	19 13	0 57	14 56	1 52	20 31	0 39	21 50	0 55	25 40	17 24	23 46	23 46	19 2		n.a.
W27	1 19	21 48	1 18	10 24	1 56	16 48	1 8	6 39	0 1	19 11	0 58	14 54	1 52	20 30	0 39	21 50	0 55	25 40	17 24	23 46	23 46	19 4		n.a.
T 28	0 55	23 30	0 16	10 5	2 0	16 39	1 1	6 57	0 2	19 8	0 58	14 52	1 52	20 29	0 39	21 50	0 55	25 40	17 24	23 46	23 46	19 6		n.a.
F 29	0 31	24 8	0n47	9 42	2 4	16 30	0 54	7 14	0 2	19 5	0 58	14 50	1 52	20 29	0 39	21 50	0 55	25 41	17 24	23 46	23 46	19 8		n.a.
S 30	0n 6	23n38	1n50	9n16	2n 6	16n20	0s48	7s32	0s 3	19n 3	0n58	14n48	1n53	20n28	0n39	21s50	0n55	25s41	17s24	23n46	23n46	19n10		n.a.

Julian Day Number = 1486810.5, Delta T = 05h18m03s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'41, Lahiri = -12°49'40 Julian Calendar 1 Sept. 643 BCE == Greg. Calendar 25 Aug. 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

OCTOBER 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 9 45	0♎44'52	5♌15	12♍52	14♌10	19♎35	9♌44	26♌ 6	2♌42	13♐38	5°R27	1°R30	1♋10	5♊ 3	n.a.	S 1
M 2	0 13 42	1°45'13	18°10	14°13	15° 9	20°18	9°54	26°13	2°44	13°39	5♓26	1♋24	1° 7	5° 9	n.a.	M 2
T 3	0 17 38	2°45'35	1♍30	15°37	16° 8	21° 2	10° 4	26°19	2°47	13°40	5°25	1°15	1° 3	5°16	n.a.	T 3
W 4	0 21 35	3°46'00	15°15	17° 4	17° 8	21°46	10°14	26°25	2°49	13°41	5°24	1° 4	1° 0	5°23	n.a.	W 4
T 5	0 25 31	4°46'26	29°24	18°32	18° 9	22°30	10°24	26°32	2°51	13°42	5°23	0°52	0°57	5°29	n.a.	T 5
F 6	0 29 28	5°46'55	13♎50	20° 2	19° 9	23°14	10°34	26°38	2°53	13°43	5°22	0°40	0°54	5°36	n.a.	F 6
S 7	0 33 24	6°47'25	28°28	21°34	20°11	23°58	10°44	26°44	2°56	13°44	5°21	0°28	0°51	5°43	n.a.	S 7
S 8	0 37 21	7°47'56	13♏ 9	23° 7	21°12	24°42	10°54	26°50	2°58	13°45	5°20	0°20	0°48	5°49	n.a.	S 8
M 9	0 41 18	8°48'29	27°47	24°40	22°14	25°26	11° 3	26°56	3° 0	13°47	5°19	0°14	0°44	5°56	n.a.	M 9
T 10	0 45 14	9°49'04	12♐15	26°15	23°17	26°10	11°13	27° 2	3° 2	13°48	5°18	0°11	0°41	6° 2	n.a.	T 10
W11	0 49 11	10°49'40	26°31	27°49	24°20	26°54	11°22	27° 8	3° 4	13°49	5°17	0°D10	0°38	6° 9	n.a.	W11
T 12	0 53 7	11°50'18	10♑32	29°25	25°23	27°39	11°31	27°14	3° 6	13°50	5°16	0°R10	0°35	6°16	n.a.	T 12
F 13	0 57 4	12°50'57	24°19	1♎ 0	26°26	28°23	11°41	27°20	3° 7	13°52	5°15	0°10	0°32	6°22	n.a.	F 13
S 14	1 1 0	13°51'37	7♒52	2°36	27°30	29° 7	11°50	27°26	3° 9	13°53	5°14	0° 8	0°28	6°29	n.a.	S 14
S 15	1 4 57	14°52'18	21°12	4°12	28°34	29°52	11°59	27°32	3°11	13°54	5°14	0° 3	0°25	6°36	n.a.	S 15
M16	1 8 53	15°53'00	4♓21	5°47	29°39	0♏36	12° 7	27°37	3°13	13°56	5°13	29♊55	0°22	6°42	n.a.	M16
T 17	1 12 50	16°53'44	17°19	7°23	0♍44	1°21	12°16	27°43	3°14	13°57	5°12	29°45	0°19	6°49	n.a.	T 17
W18	1 16 47	17°54'29	0♈ 5	8°59	1°49	2° 5	12°25	27°49	3°16	13°59	5°11	29°33	0°16	6°56	n.a.	W18
T 19	1 20 43	18°55'16	12°40	10°35	2°54	2°50	12°33	27°54	3°18	14° 0	5°10	29°20	0°13	7° 2	n.a.	T 19
F 20	1 24 40	19°56'04	25° 4	12°10	4° 0	3°35	12°41	28° 0	3°19	14° 1	5° 9	29° 7	0° 9	7° 9	n.a.	F 20
S 21	1 28 36	20°56'53	7♉16	13°46	5° 6	4°20	12°50	28° 5	3°21	14° 3	5° 9	28°55	0° 6	7°16	n.a.	S 21
S 22	1 32 33	21°57'44	19°18	15°21	6°12	5° 4	12°58	28°10	3°22	14° 5	5° 8	28°46	0° 3	7°22	n.a.	S 22
M23	1 36 29	22°58'36	1♊12	16°56	7°19	5°49	13° 6	28°16	3°23	14° 6	5° 7	28°39	29♊59	7°29	n.a.	M23
T 24	1 40 26	23°59'30	13° 0	18°31	8°25	6°34	13°14	28°21	3°25	14° 8	5° 6	28°36	29°57	7°36	n.a.	T 24
W25	1 44 22	25° 0'25	24°46	20° 6	9°32	7°19	13°21	28°26	3°26	14° 9	5° 6	28°D34	29°54	7°42	n.a.	W25
T 26	1 48 19	26° 1'21	6♋35	21°41	10°40	8° 4	13°29	28°31	3°27	14°11	5° 5	28°34	29°50	7°49	n.a.	T 26
F 27	1 52 16	27° 2'20	18°31	23°16	11°47	8°49	13°36	28°36	3°28	14°13	5° 4	28°35	29°47	7°56	n.a.	F 27
S 28	1 56 12	28° 3'19	0♌41	24°51	12°55	9°34	13°44	28°41	3°29	14°14	5° 4	28°R36	29°44	8° 2	n.a.	S 28
S 29	2 0 9	29° 4'20	13° 9	26°25	14° 3	10°19	13°51	28°45	3°30	14°16	5° 3	28°34	29°41	8° 9	n.a.	S 29
M30	2 4 5	0♏ 5'22	26° 1	28° 0	15°11	11° 5	13°58	28°50	3°31	14°18	5° 3	28°31	29°38	8°16	n.a.	M30
T 31	2 8 2	1♏ 6'26	9♍20	29♎34	16♍19	11♏50	14♌ 5	28♌55	3♌32	14♐20	5♓ 2	28♊26	29♊34	8♊22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	0s18	21n56	2n48	8n47	2n 8	16n 9	0s41	7s49	0s 4	19n 0	0n58	14n45	1n53	20n28	0n39	21s51	0n55	25s41	17s24	23n46	23n46	19n12			n.a.
M 2	0 42	19 5	3 40	8 16	2 8	15 58	0 35	8 6	0 4	18 57	0 59	14 43	1 53	20 27	0 39	21 51	0 55	25 41	17 24	23 46	23 46	19 14			n.a.
T 3	1 7	15 9	4 21	7 42	2 8	15 46	0 28	8 24	0 5	18 55	0 59	14 41	1 53	20 27	0 39	21 51	0 55	25 42	17 23	23 46	23 46	19 16			n.a.
W 4	1 31	10 19	4 49	7 7	2 7	15 34	0 22	8 41	0 6	18 52	0 59	14 39	1 53	20 26	0 39	21 51	0 55	25 42	17 23	23 46	23 46	19 18			n.a.
T 5	1 55	4 49	5 0	6 30	2 5	15 21	0 16	8 58	0 6	18 50	0 59	14 37	1 53	20 26	0 39	21 51	0 55	25 42	17 23	23 46	23 46	19 20			n.a.
F 6	2 20	1s 3	4 53	5 52	2 2	15 8	0 10	9 15	0 7	18 47	0 59	14 35	1 54	20 25	0 39	21 51	0 55	25 42	17 23	23 46	23 46	19 22			n.a.
S 7	2 44	6 57	4 26	5 13	1 59	14 54	0 4	9 32	0 8	18 44	1 0	14 33	1 54	20 25	0 39	21 52	0 55	25 42	17 23	23 46	23 46	19 24			n.a.
S 8	3 8	12 30	3 41	4 32	1 56	14 40	0n 2	9 49	0 8	18 42	1 0	14 31	1 54	20 24	0 39	21 52	0 55	25 43	17 22	23 46	23 46	19 26			n.a.
M 9	3 32	17 18	2 42	3 51	1 52	14 25	0 8	10 6	0 9	18 39	1 0	14 29	1 54	20 24	0 39	21 52	0 55	25 43	17 22	23 46	23 46	19 28			n.a.
T 10	3 56	21 2	1 33	3 9	1 48	14 9	0 13	10 23	0 10	18 37	1 0	14 27	1 54	20 24	0 39	21 52	0 55	25 43	17 22	23 46	23 46	19 30			n.a.
W11	4 21	23 24	0 19	2 27	1 43	13 54	0 19	10 40	0 10	18 35	1 0	14 25	1 54	20 23	0 40	21 52	0 55	25 43	17 22	23 46	23 46	19 32			n.a.
T 12	4 45	24 15	0s55	1 44	1 38	13 37	0 24	10 57	0 11	18 32	1 1	14 23	1 55	20 23	0 40	21 53	0 55	25 43	17 22	23 46	23 46	19 34			n.a.
F 13	5 9	23 35	2 4	1 1	1 33	13 20	0 29	11 14	0 12	18 30	1 1	14 22	1 55	20 22	0 40	21 53	0 55	25 44	17 21	23 46	23 46	19 36			n.a.
S 14	5 32	21 32	3 6	0 17	1 27	13 3	0 34	11 30	0 12	18 27	1 1	14 20	1 55	20 22	0 40	21 53	0 55	25 44	17 21	23 46	23 46	19 38			n.a.
S 15	5 56	18 20	3 56	0s27	1 22	12 45	0 39	11 47	0 13	18 25	1 1	14 18	1 55	20 22	0 40	21 53	0 55	25 44	17 21	23 46	23 46	19 40			n.a.
M16	6 20	14 16	4 32	1 11	1 16	12 27	0 44	12 3	0 14	18 23	1 2	14 16	1 55	20 21	0 40	21 53	0 54	25 44	17 21	23 46	23 46	19 42			n.a.
T 17	6 44	9 35	4 54	1 55	1 10	12 8	0 49	12 20	0 14	18 21	1 2	14 14	1 56	20 21	0 40	21 54	0 54	25 44	17 20	23 46	23 46	19 43			n.a.
W18	7 7	4 34	5 1	2 38	1 3	11 48	0 53	12 36	0 15	18 18	1 2	14 12	1 56	20 20	0 40	21 54	0 54	25 44	17 20	23 46	23 46	19 45			n.a.
T 19	7 31	0n35	4 53	3 22	0 57	11 29	0 58	12 52	0 15	18 16	1 2	14 11	1 56	20 20	0 40	21 54	0 54	25 44	17 20	23 46	23 46	19 47			n.a.
F 20	7 54	5 37	4 32	4 6	0 51	11 9	1 2	13 8	0 16	18 14	1 3	14 9	1 56	20 20	0 40	21 54	0 54	25 44	17 20	23 46	23 46	19 49			n.a.
S 21	8 17	10 23	3 58	4 50	0 44	10 48	1 6	13 24	0 17	18 12	1 3	14 7	1 56	20 20	0 40	21 54	0 54	25 44	17 19	23 46	23 46	19 51			n.a.
S 22	8 40	14 42	3 13	5 33	0 38	10 27	1 10	13 40	0 17	18 10	1 3	14 6	1 57	20 19	0 40	21 55	0 54	25 44	17 19	23 46	23 46	19 53			n.a.
M23	9 3	18 24	2 21	6 16	0 31	10 6	1 14	13 56	0 18	18 8	1 3	14 4	1 57	20 19	0 40	21 55	0 54	25 44	17 19	23 46	23 46	19 55			n.a.
T 24	9 26	21 19	1 22	6 59	0 24	9 44	1 18	14 11	0 19	18 6	1 3	14 2	1 57	20 19	0 40	21 55	0 54	25 44	17 19	23 46	23 46	19 57			n.a.
W25	9 49	23 20	0 20	7 42	0 18	9 22	1 22	14 27	0 19	18 4	1 4	14 1	1 57	20 18	0 40	21 55	0 54	25 44	17 18	23 46	23 46	19 59			n.a.
T 26	10 11	24 19	0n43	8 24	0 11	8 59	1 25	14 42	0 20	18 2	1 4	13 59	1 57	20 18	0 40	21 55	0 54	25 44	17 18	23 46	23 46	20 1			n.a.
F 27	10 34	24 12	1 45	9 6	0 5	8 36	1 29	14 58	0 21	18 0	1 4	13 58	1 58	20 18	0 40	21 56	0 54	25 44	17 18	23 46	23 46	20 2			n.a.
S 28	10 56	22 56	2 43	9 47	0s 2	8 13	1 32	15 13	0 21	17 58	1 4	13 56	1 58	20 18	0 40	21 56	0 54	25 44	17 17	23 46	23 46	20 4			n.a.
S 29	11 18	20 32	3 35	10 28	0 9	7 49	1 35	15 28	0 22	17 56	1 5	13 55	1 58	20 18	0 40	21 56	0 54	25 44	17 17	23 46	23 46	20 6			n.a.
M30	11 40	17 4	4 18	11 9	0 15	7 25	1 38	15 43	0 23	17 54	1 5	13 53	1 58	20 17	0 40	21 56	0 54	25 44	17 17	23 46	23 46	20 8			n.a.
T 31	12s 1	12n38	4n49	11s49	0s22	7n 1	1n41	15s58	0s23	17n52	1n 5	13n52	1n59	20n17	0n40	21s57	0n54	25s44	17s16	23n46	23n46	20n10			n.a.

Julian Day Number = 1486840.5, Delta T = 05h18m01s
Ecliptic obliquity = 23°46'22, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'37, Lahiri = -12°49'36 Julian Calendar 1 Oct. 643 BCE == Greg. Calendar 24 Sept. 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

NOVEMBER 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 11 58	2♏ 7'30	23♍ 7	1♏ 9	17♍28	12♏35	14♌11	28♌59	3♌33	14♐21	5°R 1	28°R18	29♊31	8♊29	n.a.	W 1
T 2	2 15 55	3° 8'36	7♎23	2°43	18°37	13°21	14°18	29° 4	3°34	14°23	5♓ 1	28♊ 9	29°28	8°36	n.a.	T 2
F 3	2 19 51	4° 9'43	22° 2	4°18	19°46	14° 6	14°24	29° 8	3°35	14°25	5° 0	28° 0	29°25	8°42	n.a.	F 3
S 4	2 23 48	5°10'51	6♏59	5°52	20°55	14°52	14°31	29°13	3°35	14°27	5° 0	27°51	29°22	8°49	n.a.	S 4
S 5	2 27 45	6°12'00	22° 3	7°26	22° 4	15°37	14°37	29°17	3°36	14°29	4°59	27°45	29°19	8°56	n.a.	S 5
M 6	2 31 41	7°13'10	7♐ 5	9° 1	23°13	16°23	14°43	29°21	3°37	14°31	4°59	27°41	29°15	9° 2	n.a.	M 6
T 7	2 35 38	8°14'21	21°57	10°35	24°23	17° 8	14°48	29°25	3°37	14°32	4°58	27°D39	29°12	9° 9	n.a.	T 7
W 8	2 39 34	9°15'32	6♑31	12°10	25°33	17°54	14°54	29°29	3°38	14°34	4°58	27°39	29° 9	9°16	n.a.	W 8
T 9	2 43 31	10°16'43	20°46	13°44	26°43	18°40	15° 0	29°33	3°38	14°36	4°58	27°40	29° 6	9°22	n.a.	T 9
F 10	2 47 27	11°17'55	4♒38	15°19	27°53	19°26	15° 5	29°37	3°38	14°38	4°57	27°41	29° 3	9°29	n.a.	F 10
S 11	2 51 24	12°19'07	18°10	16°54	29° 3	20°11	15°10	29°41	3°39	14°40	4°57	27°R41	29° 0	9°35	n.a.	S 11
S 12	2 55 21	13°20'19	1♓23	18°29	0♎13	20°57	15°15	29°44	3°39	14°42	4°56	27°40	28°56	9°42	n.a.	S 12
M13	2 59 17	14°21'32	14°19	20° 4	1°24	21°43	15°20	29°48	3°39	14°44	4°56	27°36	28°53	9°49	n.a.	M13
T 14	3 3 14	15°22'45	27° 0	21°39	2°34	22°29	15°25	29°51	3°39	14°46	4°56	27°30	28°50	9°55	n.a.	T 14
W15	3 7 10	16°23'58	9♈29	23°14	3°45	23°15	15°29	29°55	3°39	14°48	4°56	27°23	28°47	10° 2	n.a.	W15
T 16	3 11 7	17°25'11	21°47	24°49	4°56	24° 1	15°33	29°58	3°R39	14°50	4°55	27°15	28°44	10° 9	n.a.	T 16
F 17	3 15 3	18°26'25	3♉56	26°25	6° 7	24°47	15°37	0♍ 1	3°39	14°53	4°55	27° 8	28°40	10°15	n.a.	F 17
S 18	3 19 0	19°27'39	15°57	28° 1	7°18	25°33	15°41	0° 4	3°39	14°55	4°55	27° 1	28°37	10°22	n.a.	S 18
S 19	3 22 56	20°28'53	27°52	29°36	8°29	26°19	15°45	0° 7	3°39	14°57	4°55	26°55	28°34	10°29	n.a.	S 19
M20	3 26 53	21°30'08	9♊42	1♐12	9°40	27° 5	15°49	0°10	3°39	14°59	4°55	26°52	28°31	10°35	n.a.	M20
T 21	3 30 50	22°31'23	21°29	2°48	10°52	27°52	15°52	0°13	3°39	15° 1	4°54	26°D50	28°28	10°42	n.a.	T 21
W22	3 34 46	23°32'39	3♋16	4°24	12° 3	28°38	15°56	0°15	3°38	15° 3	4°54	26°50	28°25	10°49	n.a.	W22
T 23	3 38 43	24°33'55	15° 6	6° 0	13°15	29°24	15°59	0°18	3°38	15° 5	4°54	26°52	28°21	10°55	n.a.	T 23
F 24	3 42 39	25°35'11	27° 4	7°35	14°27	0♐10	16° 2	0°21	3°37	15° 7	4°54	26°53	28°18	11° 2	n.a.	F 24
S 25	3 46 36	26°36'27	9♌13	9°11	15°39	0°57	16° 4	0°23	3°37	15°10	4°54	26°55	28°15	11° 9	n.a.	S 25
S 26	3 50 32	27°37'44	21°38	10°47	16°50	1°43	16° 7	0°25	3°36	15°12	4°D54	26°56	28°12	11°15	n.a.	S 26
M27	3 54 29	28°39'01	4♍24	12°22	18° 2	2°30	16° 9	0°27	3°36	15°14	4°54	26°R56	28° 9	11°22	n.a.	M27
T 28	3 58 25	29°40'18	17°35	13°56	19°15	3°16	16°11	0°30	3°35	15°16	4°54	26°55	28° 5	11°29	n.a.	T 28
W29	4 2 22	0♐41'36	1♎14	15°31	20°27	4° 2	16°13	0°32	3°34	15°18	4°54	26°53	28° 2	11°35	n.a.	W29
T 30	4 6 19	1♐42'53	15♎21	17♐ 4	21♎39	4♐49	16♌15	0♍33	3♌34	15♐21	4♓54	26♊49	27♊59	11♊42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12s23	7n25	5n 5	12s28	0s28	6n37	1n44	16s12	0s24	17n51	1n 5	13n50	1n59	20n17	0n40	21s57	0n54	25s44	17s16	23n46	23n46	20n12		n.a.
T 2	12 44	1 39	5 2	13 7	0 34	6 12	1 47	16 27	0 24	17 49	1 6	13 49	1 59	20 17	0 40	21 57	0 54	25 44	17 16	23 46	23 46	20 14		n.a.
F 3	13 5	4s23	4 40	13 46	0 40	5 47	1 49	16 41	0 25	17 47	1 6	13 48	1 59	20 17	0 40	21 57	0 54	25 44	17 16	23 45	23 46	20 16		n.a.
S 4	13 26	10 17	3 58	14 23	0 46	5 21	1 52	16 56	0 26	17 46	1 6	13 46	1 59	20 17	0 41	21 58	0 54	25 44	17 15	23 45	23 46	20 17		n.a.
S 5	13 46	15 39	3 0	15 1	0 52	4 56	1 54	17 10	0 26	17 44	1 7	13 45	2 0	20 17	0 41	21 58	0 54	25 44	17 15	23 45	23 46	20 19		n.a.
M 6	14 7	20 1	1 49	15 37	0 58	4 30	1 56	17 24	0 27	17 43	1 7	13 44	2 0	20 16	0 41	21 58	0 54	25 44	17 15	23 45	23 46	20 21		n.a.
T 7	14 27	23 1	0 31	16 13	1 4	4 4	1 58	17 38	0 27	17 41	1 7	13 42	2 0	20 16	0 41	21 58	0 54	25 44	17 14	23 45	23 46	20 23		n.a.
W 8	14 47	24 24	0s48	16 48	1 10	3 37	2 0	17 51	0 28	17 40	1 7	13 41	2 0	20 16	0 41	21 59	0 54	25 43	17 14	23 45	23 46	20 25		n.a.
T 9	15 6	24 9	2 2	17 23	1 15	3 11	2 2	18 5	0 29	17 38	1 8	13 40	2 1	20 16	0 41	21 59	0 54	25 43	17 14	23 45	23 46	20 27		n.a.
F 10	15 26	22 23	3 6	17 56	1 20	2 44	2 3	18 18	0 29	17 37	1 8	13 39	2 1	20 16	0 41	21 59	0 54	25 43	17 13	23 45	23 46	20 28		n.a.
S 11	15 45	19 23	3 59	18 29	1 25	2 17	2 5	18 31	0 30	17 36	1 8	13 38	2 1	20 16	0 41	21 59	0 54	25 43	17 13	23 45	23 46	20 30		n.a.
S 12	16 4	15 27	4 38	19 1	1 30	1 50	2 6	18 44	0 31	17 35	1 8	13 37	2 1	20 16	0 41	22 0	0 54	25 43	17 13	23 45	23 46	20 32		n.a.
M13	16 22	10 52	5 1	19 32	1 35	1 23	2 8	18 57	0 31	17 33	1 9	13 36	2 2	20 16	0 41	22 0	0 54	25 42	17 12	23 45	23 46	20 34		n.a.
T 14	16 40	5 56	5 9	20 2	1 40	0 56	2 9	19 9	0 32	17 32	1 9	13 35	2 2	20 16	0 41	22 0	0 54	25 42	17 12	23 45	23 46	20 36		n.a.
W15	16 58	0 49	5 3	20 31	1 44	0 28	2 10	19 22	0 32	17 31	1 9	13 34	2 2	20 16	0 41	22 0	0 54	25 42	17 11	23 45	23 46	20 38		n.a.
T 16	17 16	4n15	4 42	20 59	1 48	0 1	2 11	19 34	0 33	17 30	1 10	13 33	2 2	20 16	0 41	22 1	0 54	25 42	17 11	23 45	23 46	20 39		n.a.
F 17	17 33	9 7	4 8	21 26	1 51	0s27	2 12	19 46	0 33	17 29	1 10	13 32	2 3	20 16	0 41	22 1	0 53	25 42	17 11	23 44	23 46	20 41		n.a.
S 18	17 50	13 35	3 24	21 51	1 55	0 55	2 12	19 58	0 34	17 28	1 10	13 31	2 3	20 16	0 41	22 1	0 53	25 41	17 10	23 44	23 46	20 43		n.a.
S 19	18 7	17 30	2 32	22 16	1 58	1 23	2 13	20 10	0 35	17 27	1 10	13 30	2 3	20 16	0 41	22 1	0 53	25 41	17 10	23 44	23 46	20 45		n.a.
M20	18 23	20 41	1 32	22 39	2 1	1 51	2 14	20 21	0 35	17 27	1 11	13 29	2 4	20 16	0 41	22 2	0 53	25 41	17 10	23 44	23 46	20 46		n.a.
T 21	18 39	23 0	0 29	23 1	2 3	2 19	2 14	20 32	0 36	17 26	1 11	13 29	2 4	20 17	0 41	22 2	0 53	25 41	17 9	23 44	23 46	20 48		n.a.
W22	18 55	24 19	0n35	23 22	2 5	2 47	2 14	20 43	0 36	17 25	1 11	13 28	2 4	20 17	0 41	22 2	0 53	25 40	17 9	23 44	23 46	20 50		n.a.
T 23	19 10	24 32	1 39	23 41	2 7	3 15	2 14	20 54	0 37	17 24	1 12	13 27	2 4	20 17	0 41	22 3	0 53	25 40	17 9	23 44	23 46	20 52		n.a.
F 24	19 25	23 37	2 38	23 59	2 8	3 43	2 14	21 5	0 37	17 24	1 12	13 27	2 5	20 17	0 41	22 3	0 53	25 40	17 8	23 44	23 46	20 54		n.a.
S 25	19 40	21 36	3 32	24 16	2 9	4 11	2 14	21 15	0 38	17 23	1 12	13 26	2 5	20 17	0 41	22 3	0 53	25 39	17 8	23 44	23 46	20 55		n.a.
S 26	19 54	18 32	4 17	24 30	2 9	4 39	2 14	21 25	0 39	17 23	1 13	13 25	2 5	20 17	0 41	22 3	0 53	25 39	17 7	23 44	23 46	20 57		n.a.
M27	20 8	14 32	4 51	24 44	2 9	5 7	2 14	21 35	0 39	17 22	1 13	13 25	2 5	20 17	0 42	22 4	0 53	25 39	17 7	23 44	23 46	20 59		n.a.
T 28	20 22	9 43	5 10	24 55	2 9	5 35	2 14	21 45	0 40	17 22	1 13	13 24	2 6	20 18	0 42	22 4	0 53	25 38	17 7	23 44	23 46	21 1		n.a.
W29	20 35	4 17	5 14	25 5	2 7	6 2	2 13	21 54	0 40	17 22	1 13	13 24	2 6	20 18	0 42	22 4	0 53	25 38	17 6	23 44	23 45	21 2		n.a.
T 30	20s48	1s33	4n58	25s13	2s 5	6s30	2n13	22s 4	0s41	17n21	1n14	13n23	2n 6	20n18	0n42	22s 4	0n53	25s38	17s 6	23n44	23n45	21n 4		n.a.

Julian Day Number = 1486871.5, Delta T = 05h18m00s
Ecliptic obliquity = 23°46'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'33, Lahiri = -12°49'32 Julian Calendar 1 Nov. 643 BCE == Greg. Calendar 25 Oct. 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 643 BCE
geocentric

DECEMBER 643 BCE (-642) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 10 15	2♐44'11	29♎56	18♐36	22♎51	5♐36	16♌17	0♍35	3°R33	15♐23	4♓54	26°R46	27♊56	11♊49	n.a.	F 1
S 2	4 14 12	3°45'29	14♏52	20° 8	24° 4	6°22	16°18	0°37	3♌32	15°25	4°55	26♊42	27°53	11°55	n.a.	S 2
S 3	4 18 8	4°46'46	0♐ 2	21°38	25°16	7° 9	16°19	0°38	3°31	15°27	4°55	26°40	27°50	12° 2	n.a.	S 3
M 4	4 22 5	5°48'04	15°17	23° 6	26°29	7°55	16°20	0°40	3°30	15°30	4°55	26°38	27°46	12° 8	n.a.	M 4
T 5	4 26 1	6°49'21	0♑26	24°32	27°41	8°42	16°21	0°41	3°29	15°32	4°55	26°D38	27°43	12°15	n.a.	T 5
W 6	4 29 58	7°50'38	15°21	25°55	28°54	9°29	16°22	0°43	3°28	15°34	4°55	26°39	27°40	12°22	n.a.	W 6
T 7	4 33 55	8°51'54	29°54	27°15	0♏ 6	10°16	16°22	0°44	3°27	15°36	4°56	26°40	27°37	12°28	n.a.	T 7
F 8	4 37 51	9°53'09	14♒ 2	28°32	1°19	11° 2	16°23	0°45	3°26	15°39	4°56	26°41	27°34	12°35	n.a.	F 8
S 9	4 41 48	10°54'23	27°44	29°44	2°32	11°49	16°R23	0°46	3°25	15°41	4°56	26°42	27°31	12°42	n.a.	S 9
S 10	4 45 44	11°55'37	11♓ 1	0♑51	3°45	12°36	16°22	0°47	3°23	15°43	4°56	26°R43	27°27	12°48	n.a.	S 10
M11	4 49 41	12°56'50	23°56	1°53	4°58	13°23	16°22	0°47	3°22	15°45	4°57	26°42	27°24	12°55	n.a.	M11
T 12	4 53 37	13°58'01	6♈31	2°48	6°11	14°10	16°22	0°48	3°21	15°48	4°57	26°41	27°21	13° 2	n.a.	T 12
W13	4 57 34	14°59'12	18°50	3°36	7°24	14°57	16°21	0°48	3°19	15°50	4°58	26°40	27°18	13° 8	n.a.	W13
T 14	5 1 30	16° 0'22	0♉57	4°15	8°37	15°44	16°20	0°49	3°18	15°52	4°58	26°38	27°15	13°15	n.a.	T 14
F 15	5 5 27	17° 1'32	12°56	4°45	9°50	16°31	16°19	0°49	3°16	15°54	4°58	26°37	27°11	13°22	n.a.	F 15
S 16	5 9 24	18° 2'40	24°48	5° 5	11° 3	17°18	16°18	0°49	3°15	15°57	4°59	26°36	27° 8	13°28	n.a.	S 16
S 17	5 13 20	19° 3'47	6♊37	5°R14	12°16	18° 4	16°16	0°R49	3°13	15°59	4°59	26°35	27° 5	13°35	n.a.	S 17
M18	5 17 17	20° 4'54	18°25	5°12	13°29	18°51	16°14	0°49	3°11	16° 1	5° 0	26°34	27° 2	13°42	n.a.	M18
T 19	5 21 13	21° 6'00	0♋14	4°59	14°42	19°39	16°12	0°49	3°10	16° 4	5° 0	26°D34	26°59	13°48	n.a.	T 19
W20	5 25 10	22° 7'05	12° 6	4°34	15°55	20°26	16°10	0°49	3° 8	16° 6	5° 1	26°34	26°56	13°55	n.a.	W20
T 21	5 29 6	23° 8'09	24° 3	3°58	17° 9	21°13	16° 8	0°49	3° 6	16° 8	5° 1	26°35	26°52	14° 2	n.a.	T 21
F 22	5 33 3	24° 9'12	6♌ 8	3°11	18°22	22° 0	16° 6	0°48	3° 4	16°10	5° 2	26°35	26°49	14° 8	n.a.	F 22
S 23	5 37 0	25°10'15	18°24	2°15	19°35	22°47	16° 3	0°48	3° 2	16°13	5° 3	26°35	26°46	14°15	n.a.	S 23
S 24	5 40 56	26°11'16	0♍53	1°11	20°49	23°34	16° 0	0°47	3° 1	16°15	5° 3	26°R35	26°43	14°22	n.a.	S 24
M25	5 44 53	27°12'17	13°39	0° 1	22° 2	24°21	15°57	0°46	2°59	16°17	5° 4	26°35	26°40	14°28	n.a.	M25
T 26	5 48 49	28°13'16	26°45	28♐48	23°16	25° 8	15°54	0°45	2°57	16°19	5° 5	26°D35	26°37	14°35	n.a.	T 26
W27	5 52 46	29°14'15	10♎14	27°33	24°29	25°55	15°51	0°44	2°55	16°22	5° 5	26°35	26°33	14°41	n.a.	W27
T 28	5 56 42	0♑15'13	24° 7	26°19	25°43	26°43	15°47	0°43	2°53	16°24	5° 6	26°36	26°30	14°48	n.a.	T 28
F 29	6 0 39	1°16'11	8♏24	25° 7	26°56	27°30	15°44	0°42	2°51	16°26	5° 7	26°36	26°27	14°55	n.a.	F 29
S 30	6 4 35	2°17'07	23° 4	24° 0	28°10	28°17	15°40	0°41	2°48	16°28	5° 7	26°37	26°24	15° 1	n.a.	S 30
S 31	6 8 32	3♑18'02	8♐ 1	22♐59	29♏23	29♐ 4	15♌36	0♍39	2♌46	16♐30	5♓ 8	26♊37	26♊21	15♊ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s 0	7s29	4n24	25s19	2s 3	6s58	2n12	22s13	0s41	17n21	1n14	13n23	2n 6	20n18	0n42	22s 5	0n53	25s37	17s 6	23n44	23n45	21n 6		n.a.
S 2	21 12	13 10	3 30	25 23	2 0	7 26	2 11	22 22	0 42	17 21	1 14	13 23	2 7	20 19	0 42	22 5	0 53	25 37	17 5	23 44	23 45	21 8		n.a.
S 3	21 23	18 8	2 22	25 26	1 56	7 53	2 11	22 30	0 42	17 21	1 15	13 22	2 7	20 19	0 42	22 5	0 53	25 36	17 5	23 44	23 45	21 9		n.a.
M 4	21 34	21 55	1 2	25 26	1 51	8 21	2 10	22 38	0 43	17 21	1 15	13 22	2 7	20 19	0 42	22 5	0 53	25 36	17 5	23 44	23 45	21 11		n.a.
T 5	21 45	24 7	0s21	25 25	1 45	8 48	2 9	22 46	0 43	17 21	1 15	13 22	2 8	20 19	0 42	22 6	0 53	25 36	17 4	23 44	23 45	21 13		n.a.
W 6	21 55	24 34	1 42	25 21	1 39	9 15	2 8	22 54	0 44	17 21	1 16	13 22	2 8	20 20	0 42	22 6	0 53	25 35	17 4	23 44	23 45	21 15		n.a.
T 7	22 5	23 17	2 54	25 16	1 31	9 42	2 6	23 2	0 44	17 21	1 16	13 22	2 8	20 20	0 42	22 6	0 53	25 35	17 3	23 44	23 45	21 16		n.a.
F 8	22 15	20 34	3 53	25 8	1 23	10 9	2 5	23 9	0 45	17 21	1 16	13 21	2 8	20 20	0 42	22 6	0 53	25 34	17 3	23 44	23 45	21 18		n.a.
S 9	22 23	16 45	4 37	24 59	1 13	10 35	2 4	23 16	0 45	17 22	1 17	13 21	2 9	20 21	0 42	22 7	0 53	25 34	17 3	23 44	23 45	21 20		n.a.
S 10	22 32	12 13	5 5	24 49	1 2	11 1	2 2	23 23	0 46	17 22	1 17	13 21	2 9	20 21	0 42	22 7	0 53	25 33	17 2	23 44	23 45	21 21		n.a.
M11	22 40	7 16	5 17	24 36	0 51	11 28	2 1	23 29	0 46	17 22	1 17	13 21	2 9	20 21	0 42	22 7	0 53	25 33	17 2	23 44	23 45	21 23		n.a.
T 12	22 48	2 9	5 12	24 22	0 38	11 53	1 59	23 36	0 47	17 23	1 17	13 21	2 10	20 22	0 42	22 7	0 53	25 32	17 2	23 44	23 45	21 25		n.a.
W13	22 55	2n57	4 54	24 7	0 24	12 19	1 58	23 42	0 47	17 23	1 18	13 21	2 10	20 22	0 42	22 8	0 53	25 32	17 1	23 44	23 45	21 26		n.a.
T 14	23 2	7 53	4 22	23 51	0 9	12 44	1 56	23 47	0 48	17 24	1 18	13 22	2 10	20 22	0 42	22 8	0 53	25 31	17 1	23 44	23 45	21 28		n.a.
F 15	23 8	12 27	3 39	23 34	0n 7	13 9	1 54	23 53	0 48	17 25	1 18	13 22	2 10	20 23	0 42	22 8	0 53	25 31	17 1	23 44	23 45	21 30		n.a.
S 16	23 14	16 32	2 47	23 16	0 24	13 34	1 52	23 58	0 49	17 25	1 19	13 22	2 11	20 23	0 42	22 8	0 53	25 31	17 0	23 44	23 44	21 31		n.a.
S 17	23 19	19 56	1 49	22 58	0 42	13 59	1 50	24 3	0 49	17 26	1 19	13 22	2 11	20 24	0 42	22 9	0 53	25 30	17 0	23 44	23 44	21 33		n.a.
M18	23 24	22 31	0 45	22 40	1 0	14 23	1 48	24 7	0 50	17 27	1 19	13 22	2 11	20 24	0 42	22 9	0 53	25 29	16 59	23 44	23 44	21 35		n.a.
T 19	23 28	24 7	0n20	22 21	1 19	14 47	1 46	24 12	0 50	17 28	1 20	13 23	2 11	20 24	0 42	22 9	0 53	25 29	16 59	23 44	23 44	21 36		n.a.
W20	23 32	24 38	1 25	22 3	1 38	15 10	1 44	24 16	0 51	17 29	1 20	13 23	2 12	20 25	0 42	22 9	0 53	25 28	16 59	23 44	23 44	21 38		n.a.
T 21	23 36	24 1	2 27	21 46	1 57	15 33	1 42	24 20	0 51	17 30	1 20	13 23	2 12	20 25	0 42	22 10	0 53	25 28	16 58	23 44	23 44	21 40		n.a.
F 22	23 38	22 16	3 23	21 29	2 15	15 56	1 40	24 23	0 52	17 31	1 20	13 24	2 12	20 26	0 42	22 10	0 53	25 27	16 58	23 44	23 44	21 41		n.a.
S 23	23 41	19 29	4 10	21 13	2 32	16 19	1 38	24 26	0 52	17 32	1 21	13 24	2 13	20 26	0 42	22 10	0 53	25 27	16 58	23 44	23 44	21 43		n.a.
S 24	23 43	15 46	4 47	20 58	2 48	16 40	1 35	24 29	0 52	17 33	1 21	13 25	2 13	20 27	0 43	22 10	0 53	25 26	16 57	23 44	23 44	21 45		n.a.
M25	23 45	11 16	5 10	20 44	3 2	17 2	1 33	24 32	0 53	17 34	1 21	13 25	2 13	20 27	0 43	22 11	0 53	25 26	16 57	23 44	23 44	21 46		n.a.
T 26	23 46	6 10	5 18	20 32	3 14	17 23	1 31	24 34	0 53	17 35	1 22	13 26	2 13	20 28	0 43	22 11	0 53	25 25	16 57	23 44	23 44	21 48		n.a.
W27	23 46	0 37	5 9	20 21	3 24	17 44	1 28	24 36	0 54	17 37	1 22	13 27	2 14	20 28	0 43	22 11	0 53	25 25	16 56	23 44	23 44	21 50		n.a.
T 28	23 46	5s 7	4 42	20 12	3 32	18 4	1 26	24 38	0 54	17 38	1 22	13 27	2 14	20 29	0 43	22 11	0 53	25 24	16 56	23 44	23 44	21 51		n.a.
F 29	23 46	10 46	3 57	20 4	3 37	18 24	1 23	24 39	0 55	17 39	1 22	13 28	2 14	20 29	0 43	22 12	0 53	25 23	16 56	23 44	23 43	21 53		n.a.
S 30	23 45	15 58	2 56	19 59	3 39	18 43	1 20	24 41	0 55	17 41	1 23	13 29	2 14	20 30	0 43	22 12	0 53	25 23	16 55	23 44	23 43	21 54		n.a.
S 31	23s44	20s17	1n42	19s56	3n39	19s 2	1n18	24s41	0s55	17n42	1n23	13n29	2n15	20n30	0n43	22s12	0n53	25s22	16s55	23n44	23n43	21n56		n.a.

Julian Day Number = 1486901.5, Delta T = 05h17m59s
Ecliptic obliquity = 23°46'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'29, Lahiri = -12°49'28 Julian Calendar 1 Dec. 643 BCE == Greg. Calendar 24 Nov. 643 BCE

The year -642 astronomical counting style corresponds to year 643 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

JANUARY 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 12 29	4♉18'56	23♐ 9	22°R 5	0♐37	29♐51	15°R31	0°R38	2°R44	16♐33	5♓ 9	26°R37	26♊17	15♊15	n.a.	M 1
T 2	6 16 25	5°19'49	8♉18	21♐18	1°50	0♉39	15♌27	0♍36	2♌42	16°35	5°10	26♊37	26°14	15°21	n.a.	T 2
W 3	6 20 22	6°20'41	23°19	20°40	3° 4	1°26	15°22	0°35	2°40	16°37	5°11	26°37	26°11	15°28	n.a.	W 3
T 4	6 24 18	7°21'31	8♒ 4	20°10	4°18	2°13	15°18	0°33	2°37	16°39	5°11	26°35	26° 8	15°35	n.a.	T 4
F 5	6 28 15	8°22'19	22°25	19°48	5°31	3° 1	15°13	0°31	2°35	16°41	5°12	26°34	26° 5	15°41	n.a.	F 5
S 6	6 32 11	9°23'05	6♓20	19°35	6°45	3°48	15° 8	0°29	2°33	16°44	5°13	26°32	26° 2	15°48	n.a.	S 6
S 7	6 36 8	10°23'50	19°47	19°D29	7°59	4°35	15° 2	0°27	2°30	16°46	5°14	26°31	25°58	15°55	n.a.	S 7
M 8	6 40 4	11°24'33	2♈48	19°31	9°12	5°22	14°57	0°25	2°28	16°48	5°15	26°30	25°55	16° 1	n.a.	M 8
T 9	6 44 1	12°25'14	15°25	19°39	10°26	6°10	14°52	0°23	2°26	16°50	5°16	26°D30	25°52	16° 8	n.a.	T 9
W10	6 47 58	13°25'53	27°44	19°55	11°40	6°57	14°46	0°20	2°23	16°52	5°17	26°31	25°49	16°15	n.a.	W10
T 11	6 51 54	14°26'31	9♉48	20°16	12°53	7°44	14°40	0°18	2°21	16°54	5°18	26°32	25°46	16°21	n.a.	T 11
F 12	6 55 51	15°27'06	21°41	20°42	14° 7	8°31	14°34	0°15	2°18	16°56	5°19	26°33	25°43	16°28	n.a.	F 12
S 13	6 59 47	16°27'40	3♊30	21°14	15°21	9°19	14°28	0°13	2°16	16°58	5°20	26°35	25°39	16°34	n.a.	S 13
S 14	7 3 44	17°28'12	15°16	21°51	16°34	10° 6	14°22	0°10	2°13	17° 0	5°21	26°36	25°36	16°41	n.a.	S 14
M15	7 7 40	18°28'42	27° 5	22°32	17°48	10°53	14°16	0° 7	2°11	17° 2	5°22	26°R37	25°33	16°48	n.a.	M15
T 16	7 11 37	19°29'10	8♋58	23°17	19° 2	11°41	14° 9	0° 4	2° 8	17° 4	5°23	26°36	25°30	16°54	n.a.	T 16
W17	7 15 33	20°29'37	20°58	24° 5	20°16	12°28	14° 3	0° 1	2° 6	17° 6	5°24	26°34	25°27	17° 1	n.a.	W17
T 18	7 19 30	21°30'01	3♌ 7	24°57	21°29	13°15	13°56	29♌58	2° 3	17° 8	5°25	26°31	25°23	17° 8	n.a.	T 18
F 19	7 23 27	22°30'24	15°26	25°53	22°43	14° 2	13°49	29°55	2° 1	17°10	5°26	26°27	25°20	17°14	n.a.	F 19
S 20	7 27 23	23°30'45	27°56	26°51	23°57	14°50	13°42	29°52	1°58	17°12	5°27	26°22	25°17	17°21	n.a.	S 20
S 21	7 31 20	24°31'04	10♍38	27°51	25°11	15°37	13°35	29°49	1°56	17°14	5°29	26°18	25°14	17°28	n.a.	S 21
M22	7 35 16	25°31'22	23°35	28°55	26°24	16°24	13°28	29°45	1°53	17°16	5°30	26°14	25°11	17°34	n.a.	M22
T 23	7 39 13	26°31'38	6♎46	0♉ 1	27°38	17°12	13°21	29°42	1°50	17°18	5°31	26°11	25° 8	17°41	n.a.	T 23
W24	7 43 9	27°31'53	20°13	1° 8	28°52	17°59	13°14	29°38	1°48	17°20	5°32	26° 9	25° 4	17°48	n.a.	W24
T 25	7 47 6	28°32'05	3♏58	2°18	0♉ 6	18°46	13° 7	29°35	1°45	17°21	5°33	26°D 9	25° 1	17°54	n.a.	T 25
F 26	7 51 2	29°32'17	18° 0	3°30	1°20	19°33	12°59	29°31	1°43	17°23	5°34	26°10	24°58	18° 1	n.a.	F 26
S 27	7 54 59	0♒32'26	2♐19	4°44	2°33	20°21	12°52	29°27	1°40	17°25	5°36	26°12	24°55	18° 8	n.a.	S 27
S 28	7 58 56	1°32'34	16°54	6° 0	3°47	21° 8	12°44	29°24	1°37	17°27	5°37	26°13	24°52	18°14	n.a.	S 28
M29	8 2 52	2°32'40	1♉39	7°17	5° 1	21°55	12°37	29°20	1°35	17°29	5°38	26°R13	24°49	18°21	n.a.	M29
T 30	8 6 49	3°32'45	16°30	8°36	6°15	22°42	12°29	29°16	1°32	17°30	5°39	26°12	24°45	18°27	n.a.	T 30
W31	8 10 45	4♒32'47	1♒19	9♉56	7♉29	23♉29	12♌22	29♌12	1♌30	17♐32	5♓41	26♊ 8	24♊42	18♊34	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s42	23s16	0n19	19s55	3n38	19s20	1n15	24s42	0s56	17n44	1n23	13n30	2n15	20n31	0n43	22s12	0n53	25s22	16s55	23n44	23n43	21n58			n.a.
T 2	23 40	24 35	1s 4	19 55	3 34	19 38	1 12	24 42	0 56	17 45	1 24	13 31	2 15	20 31	0 43	22 13	0 53	25 21	16 54	23 44	23 43	21 59			n.a.
W 3	23 37	24 4	2 23	19 58	3 29	19 55	1 10	24 42	0 56	17 47	1 24	13 32	2 16	20 32	0 43	22 13	0 53	25 20	16 54	23 44	23 43	22 1			n.a.
T 4	23 34	21 53	3 30	20 2	3 22	20 12	1 7	24 42	0 57	17 49	1 24	13 33	2 16	20 32	0 43	22 13	0 53	25 20	16 54	23 44	23 43	22 2			n.a.
F 5	23 30	18 22	4 23	20 9	3 14	20 28	1 4	24 41	0 57	17 50	1 24	13 34	2 16	20 33	0 43	22 13	0 53	25 19	16 54	23 44	23 43	22 4			n.a.
S 6	23 26	13 54	4 58	20 16	3 6	20 44	1 1	24 41	0 58	17 52	1 25	13 34	2 16	20 34	0 43	22 13	0 53	25 19	16 53	23 44	23 43	22 6			n.a.
S 7	23 22	8 55	5 15	20 25	2 56	20 59	0 59	24 39	0 58	17 54	1 25	13 35	2 17	20 34	0 43	22 14	0 53	25 18	16 53	23 44	23 43	22 7			n.a.
M 8	23 17	3 41	5 15	20 35	2 46	21 13	0 56	24 38	0 58	17 56	1 25	13 36	2 17	20 35	0 43	22 14	0 53	25 17	16 53	23 44	23 43	22 9			n.a.
T 9	23 11	1n33	5 0	20 46	2 36	21 27	0 53	24 36	0 59	17 58	1 25	13 38	2 17	20 35	0 43	22 14	0 53	25 17	16 52	23 44	23 42	22 10			n.a.
W10	23 5	6 36	4 31	20 58	2 25	21 40	0 50	24 34	0 59	18 0	1 26	13 39	2 17	20 36	0 43	22 14	0 53	25 16	16 52	23 44	23 42	22 12			n.a.
T 11	22 59	11 18	3 51	21 11	2 14	21 53	0 47	24 32	0 59	18 2	1 26	13 40	2 18	20 36	0 43	22 14	0 53	25 15	16 52	23 44	23 42	22 13			n.a.
F 12	22 52	15 31	3 1	21 24	2 3	22 5	0 44	24 29	1 0	18 4	1 26	13 41	2 18	20 37	0 43	22 15	0 53	25 15	16 51	23 44	23 42	22 15			n.a.
S 13	22 45	19 7	2 4	21 37	1 52	22 16	0 41	24 26	1 0	18 6	1 26	13 42	2 18	20 38	0 43	22 15	0 53	25 14	16 51	23 44	23 42	22 16			n.a.
S 14	22 37	21 55	1 2	21 51	1 40	22 27	0 38	24 23	1 0	18 8	1 27	13 43	2 18	20 38	0 43	22 15	0 53	25 13	16 51	23 44	23 42	22 18			n.a.
M15	22 29	23 47	0n 3	22 4	1 29	22 37	0 35	24 19	1 1	18 10	1 27	13 44	2 18	20 39	0 43	22 15	0 53	25 13	16 51	23 44	23 42	22 20			n.a.
T 16	22 20	24 35	1 8	22 18	1 18	22 46	0 33	24 16	1 1	18 12	1 27	13 46	2 19	20 39	0 43	22 15	0 53	25 12	16 50	23 44	23 42	22 21			n.a.
W17	22 11	24 15	2 10	22 31	1 7	22 55	0 30	24 12	1 1	18 14	1 27	13 47	2 19	20 40	0 43	22 16	0 53	25 12	16 50	23 44	23 42	22 23			n.a.
T 18	22 2	22 46	3 8	22 44	0 57	23 3	0 27	24 7	1 1	18 16	1 27	13 48	2 19	20 41	0 43	22 16	0 53	25 11	16 50	23 44	23 41	22 24			n.a.
F 19	21 52	20 12	3 57	22 56	0 46	23 10	0 24	24 3	1 2	18 18	1 28	13 50	2 19	20 41	0 43	22 16	0 53	25 10	16 50	23 43	23 41	22 26			n.a.
S 20	21 42	16 40	4 36	23 8	0 36	23 17	0 21	23 58	1 2	18 20	1 28	13 51	2 20	20 42	0 43	22 16	0 53	25 10	16 49	23 43	23 41	22 27			n.a.
S 21	21 31	12 19	5 2	23 20	0 26	23 23	0 18	23 52	1 2	18 23	1 28	13 52	2 20	20 42	0 43	22 16	0 53	25 9	16 49	23 43	23 41	22 29			n.a.
M22	21 20	7 22	5 13	23 30	0 16	23 28	0 15	23 47	1 2	18 25	1 28	13 54	2 20	20 43	0 43	22 16	0 53	25 8	16 49	23 43	23 41	22 30			n.a.
T 23	21 8	1 59	5 8	23 40	0 6	23 33	0 12	23 41	1 3	18 27	1 28	13 55	2 20	20 44	0 43	22 17	0 53	25 8	16 49	23 43	23 41	22 32			n.a.
W24	20 57	3s36	4 46	23 49	0s 3	23 37	0 9	23 35	1 3	18 29	1 29	13 57	2 20	20 44	0 43	22 17	0 53	25 7	16 49	23 43	23 41	22 33			n.a.
T 25	20 44	9 8	4 8	23 57	0 12	23 40	0 6	23 29	1 3	18 32	1 29	13 58	2 21	20 45	0 43	22 17	0 53	25 6	16 48	23 43	23 41	22 35			n.a.
F 26	20 32	14 20	3 14	24 5	0 21	23 42	0 3	23 22	1 3	18 34	1 29	14 0	2 21	20 45	0 43	22 17	0 53	25 6	16 48	23 43	23 41	22 36			n.a.
S 27	20 19	18 51	2 7	24 11	0 30	23 44	0 1	23 15	1 4	18 36	1 29	14 1	2 21	20 46	0 43	22 17	0 53	25 5	16 48	23 43	23 40	22 38			n.a.
S 28	20 6	22 17	0 51	24 16	0 38	23 45	0s 2	23 8	1 4	18 39	1 29	14 3	2 21	20 47	0 43	22 17	0 53	25 4	16 48	23 43	23 40	22 39			n.a.
M29	19 52	24 15	0s30	24 20	0 46	23 46	0 5	23 1	1 4	18 41	1 29	14 4	2 21	20 47	0 43	22 18	0 53	25 4	16 47	23 43	23 40	22 41			n.a.
T 30	19 38	24 32	1 48	24 23	0 53	23 45	0 8	22 53	1 4	18 43	1 29	14 6	2 22	20 48	0 43	22 18	0 53	25 3	16 47	23 43	23 40	22 42			n.a.
W31	19s24	23s 4	2s59	24s24	1s 1	23s44	0s11	22s45	1s 5	18n46	1n30	14n 7	2n22	20n48	0n43	22s18	0n53	25s 2	16s47	23n43	23n40	22n43			n.a.

Julian Day Number = 1486932.5, Delta T = 05h17m57s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'24, Lahiri = -12°49'24 Julian Calendar 1 Jan. 642 BCE == Greg. Calendar 25 Dec. 643 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

FEBRUARY 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 14 42	5♒32'48	15♒58	11♉18	8♉42	24♉17	12°R14	29°R 8	1°R27	17♐34	5♓42	26°R 3	24♊39	18♊41	n.a.	T 1
F 2	8 18 38	6°32'46	0♓19	12°41	9°56	25° 4	12♌ 6	29♌ 4	1♌24	17°35	5°43	25♊57	24°36	18°47	n.a.	F 2
S 3	8 22 35	7°32'42	14°18	14° 6	11°10	25°51	11°58	29° 0	1°22	17°37	5°45	25°50	24°33	18°54	n.a.	S 3
S 4	8 26 31	8°32'36	27°51	15°32	12°24	26°38	11°51	28°55	1°19	17°39	5°46	25°43	24°29	19° 1	n.a.	S 4
M 5	8 30 28	9°32'27	10♈58	16°59	13°38	27°25	11°43	28°51	1°16	17°40	5°47	25°38	24°26	19° 7	n.a.	M 5
T 6	8 34 25	10°32'16	23°40	18°27	14°51	28°12	11°35	28°47	1°14	17°42	5°49	25°35	24°23	19°14	n.a.	T 6
W 7	8 38 21	11°32'03	6♉ 2	19°57	16° 5	28°59	11°27	28°43	1°11	17°43	5°50	25°33	24°20	19°21	n.a.	W 7
T 8	8 42 18	12°31'47	18° 7	21°28	17°19	29°46	11°19	28°38	1° 9	17°45	5°51	25°D33	24°17	19°27	n.a.	T 8
F 9	8 46 14	13°31'29	0♊ 0	23° 1	18°33	0♒33	11°12	28°34	1° 6	17°46	5°53	25°34	24°14	19°34	n.a.	F 9
S 10	8 50 11	14°31'09	11°48	24°34	19°47	1°20	11° 4	28°30	1° 4	17°48	5°54	25°35	24°10	19°41	n.a.	S 10
S 11	8 54 7	15°30'46	23°35	26° 9	21° 0	2° 7	10°56	28°25	1° 1	17°49	5°55	25°R36	24° 7	19°47	n.a.	S 11
M12	8 58 4	16°30'21	5♋26	27°45	22°14	2°54	10°48	28°21	0°59	17°51	5°57	25°36	24° 4	19°54	n.a.	M12
T 13	9 2 0	17°29'54	17°25	29°23	23°28	3°41	10°40	28°16	0°56	17°52	5°58	25°33	24° 1	20° 1	n.a.	T 13
W14	9 5 57	18°29'24	29°34	1♒ 1	24°42	4°28	10°33	28°12	0°54	17°53	5°59	25°28	23°58	20° 7	n.a.	W14
T 15	9 9 54	19°28'52	11♌56	2°41	25°55	5°15	10°25	28° 7	0°51	17°55	6° 1	25°21	23°55	20°14	n.a.	T 15
F 16	9 13 50	20°28'18	24°32	4°22	27° 9	6° 2	10°17	28° 3	0°49	17°56	6° 2	25°12	23°51	20°20	n.a.	F 16
S 17	9 17 47	21°27'42	7♍22	6° 5	28°23	6°49	10°10	27°58	0°46	17°57	6° 4	25° 2	23°48	20°27	n.a.	S 17
S 18	9 21 43	22°27'03	20°26	7°49	29°37	7°36	10° 2	27°53	0°44	17°58	6° 5	24°52	23°45	20°34	n.a.	S 18
M19	9 25 40	23°26'23	3♎42	9°34	0♒50	8°22	9°55	27°49	0°42	18° 0	6° 6	24°42	23°42	20°40	n.a.	M19
T 20	9 29 36	24°25'40	17°10	11°20	2° 4	9° 9	9°48	27°44	0°39	18° 1	6° 8	24°35	23°39	20°47	n.a.	T 20
W21	9 33 33	25°24'56	0♏48	13° 8	3°18	9°56	9°40	27°40	0°37	18° 2	6° 9	24°30	23°35	20°54	n.a.	W21
T 22	9 37 29	26°24'10	14°36	14°57	4°32	10°43	9°33	27°35	0°35	18° 3	6°11	24°27	23°32	21° 0	n.a.	T 22
F 23	9 41 26	27°23'21	28°34	16°47	5°45	11°29	9°26	27°30	0°33	18° 4	6°12	24°D27	23°29	21° 7	n.a.	F 23
S 24	9 45 22	28°22'32	12♐41	18°39	6°59	12°16	9°19	27°26	0°30	18° 5	6°14	24°27	23°26	21°14	n.a.	S 24
S 25	9 49 19	29°21'40	26°56	20°32	8°13	13° 3	9°12	27°21	0°28	18° 6	6°15	24°R28	23°23	21°20	n.a.	S 25
M26	9 53 16	0♓20'46	11♉17	22°26	9°27	13°49	9° 5	27°16	0°26	18° 7	6°17	24°26	23°20	21°27	n.a.	M26
T 27	9 57 12	1°19'51	25°42	24°22	10°40	14°36	8°58	27°12	0°24	18° 8	6°18	24°23	23°16	21°34	n.a.	T 27
W28	10 1 9	2♓18'53	10♒ 6	26♒19	11♒54	15♒23	8♌51	27♌ 7	0♌22	18♐ 9	6♓19	24♊17	23♊13	21♊40	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 9	20s 3	3s58	24s24	1s 8	23s42	0s13	22s37	1s 5	18n48	1n30	14n 9	2n22	20n49	0n43	22s18	0n53	25s 2	16s47	23n43	23n40	22n45		n.a.
F 2	18 54	15 52	4 40	24 23	1 14	23 40	0 16	22 29	1 5	18 50	1 30	14 10	2 22	20 50	0 43	22 18	0 53	25 1	16 47	23 43	23 40	22 46		n.a.
S 3	18 38	10 55	5 4	24 21	1 20	23 36	0 19	22 20	1 5	18 53	1 30	14 12	2 22	20 50	0 43	22 18	0 53	25 0	16 47	23 42	23 40	22 48		n.a.
S 4	18 23	5 35	5 10	24 17	1 26	23 32	0 21	22 11	1 5	18 55	1 30	14 14	2 22	20 51	0 43	22 19	0 53	25 0	16 46	23 42	23 39	22 49		n.a.
M 5	18 7	0 11	4 59	24 12	1 32	23 28	0 24	22 2	1 5	18 57	1 30	14 15	2 23	20 51	0 43	22 19	0 53	24 59	16 46	23 42	23 39	22 51		n.a.
T 6	17 50	5n 5	4 34	24 5	1 37	23 22	0 26	21 53	1 6	19 0	1 30	14 17	2 23	20 52	0 43	22 19	0 53	24 58	16 46	23 42	23 39	22 52		n.a.
W 7	17 34	10 0	3 56	23 57	1 42	23 16	0 29	21 43	1 6	19 2	1 30	14 19	2 23	20 52	0 43	22 19	0 53	24 58	16 46	23 42	23 39	22 53		n.a.
T 8	17 17	14 26	3 9	23 47	1 47	23 9	0 31	21 33	1 6	19 4	1 30	14 20	2 23	20 53	0 43	22 19	0 53	24 57	16 46	23 42	23 39	22 55		n.a.
F 9	17 0	18 15	2 14	23 36	1 51	23 2	0 34	21 23	1 6	19 6	1 30	14 22	2 23	20 54	0 43	22 19	0 53	24 56	16 46	23 42	23 39	22 56		n.a.
S 10	16 42	21 18	1 14	23 23	1 54	22 54	0 36	21 13	1 6	19 9	1 31	14 24	2 23	20 54	0 43	22 19	0 53	24 56	16 46	23 42	23 39	22 58		n.a.
S 11	16 24	23 26	0 11	23 8	1 58	22 45	0 39	21 2	1 6	19 11	1 31	14 25	2 23	20 55	0 43	22 19	0 53	24 55	16 45	23 42	23 38	22 59		n.a.
M12	16 6	24 32	0n53	22 52	2 1	22 35	0 41	20 51	1 6	19 13	1 31	14 27	2 23	20 55	0 43	22 20	0 53	24 54	16 45	23 42	23 38	23 0		n.a.
T 13	15 48	24 31	1 55	22 34	2 3	22 25	0 43	20 40	1 7	19 15	1 31	14 29	2 24	20 56	0 43	22 20	0 53	24 54	16 45	23 42	23 38	23 2		n.a.
W14	15 30	23 20	2 52	22 15	2 5	22 14	0 46	20 29	1 7	19 17	1 31	14 30	2 24	20 56	0 43	22 20	0 53	24 53	16 45	23 42	23 38	23 3		n.a.
T 15	15 11	21 0	3 43	21 53	2 7	22 2	0 48	20 18	1 7	19 20	1 31	14 32	2 24	20 57	0 43	22 20	0 53	24 53	16 45	23 41	23 38	23 5		n.a.
F 16	14 52	17 39	4 23	21 30	2 8	21 50	0 50	20 6	1 7	19 22	1 31	14 34	2 24	20 57	0 43	22 20	0 53	24 52	16 45	23 41	23 38	23 6		n.a.
S 17	14 33	13 24	4 51	21 6	2 9	21 37	0 52	19 54	1 7	19 24	1 31	14 36	2 24	20 58	0 43	22 20	0 53	24 51	16 45	23 41	23 38	23 7		n.a.
S 18	14 13	8 29	5 4	20 39	2 9	21 24	0 54	19 42	1 7	19 26	1 31	14 37	2 24	20 58	0 43	22 20	0 53	24 51	16 45	23 40	23 37	23 9		n.a.
M19	13 54	3 6	5 1	20 11	2 9	21 10	0 56	19 30	1 7	19 28	1 31	14 39	2 24	20 59	0 43	22 20	0 53	24 50	16 45	23 40	23 37	23 10		n.a.
T 20	13 34	2s30	4 42	19 40	2 8	20 55	0 58	19 18	1 7	19 30	1 31	14 41	2 24	20 59	0 43	22 20	0 53	24 49	16 44	23 40	23 37	23 11		n.a.
W21	13 14	8 4	4 6	19 8	2 7	20 40	1 0	19 5	1 7	19 32	1 31	14 42	2 24	21 0	0 43	22 20	0 53	24 49	16 44	23 39	23 37	23 13		n.a.
T 22	12 53	13 19	3 16	18 35	2 6	20 24	1 2	18 52	1 7	19 34	1 31	14 44	2 24	21 0	0 43	22 21	0 53	24 48	16 44	23 39	23 37	23 14		n.a.
F 23	12 33	17 57	2 14	17 59	2 4	20 7	1 4	18 39	1 7	19 36	1 31	14 46	2 24	21 1	0 43	22 21	0 53	24 48	16 44	23 39	23 37	23 15		n.a.
S 24	12 12	21 36	1 2	17 22	2 1	19 50	1 5	18 26	1 7	19 38	1 31	14 47	2 24	21 1	0 43	22 21	0 53	24 47	16 44	23 39	23 36	23 17		n.a.
S 25	11 51	23 57	0s13	16 42	1 58	19 32	1 7	18 12	1 7	19 40	1 31	14 49	2 24	21 2	0 43	22 21	0 53	24 46	16 44	23 39	23 36	23 18		n.a.
M26	11 30	24 45	1 28	16 1	1 54	19 14	1 9	17 59	1 7	19 41	1 31	14 51	2 25	21 2	0 43	22 21	0 53	24 46	16 44	23 39	23 36	23 19		n.a.
T 27	11 9	23 53	2 38	15 18	1 50	18 56	1 10	17 45	1 7	19 43	1 31	14 52	2 25	21 3	0 43	22 21	0 53	24 45	16 44	23 39	23 36	23 21		n.a.
W28	10s48	21s27	3s38	14s34	1s45	18s36	1s12	17s31	1s 7	19n45	1n31	14n54	2n25	21n 3	0n43	22s21	0n53	24s45	16s44	23n39	23n36	23n22		n.a.

Julian Day Number = 1486963.5, Delta T = 05h17m56s
Ecliptic obliquity = 23°46'22, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'20, Lahiri = -12°49'20 Julian Calendar 1 Feb. 642 BCE == Greg. Calendar 25 Jan. 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

MARCH 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 5 5	3♓17'54	24♒24	28♒17	13♒ 8	16♒ 9	8°R45	27°R 3	0°R20	18♐10	6♓21	24°R 8	23♊10	21♊47	n.a.	T 1
F 2	10 9 2	4°16'52	8♓30	0♓17	14°22	16°56	8♌38	26♌58	0♌18	18°11	6°22	23♊58	23° 7	21°54	n.a.	F 2
S 3	10 12 58	5°15'48	22°18	2°18	15°35	17°42	8°32	26°53	0°16	18°12	6°24	23°46	23° 4	22° 0	n.a.	S 3
S 4	10 16 55	6°14'42	5♈46	4°20	16°49	18°28	8°26	26°49	0°14	18°13	6°25	23°35	23° 1	22° 7	n.a.	S 4
M 5	10 20 51	7°13'33	18°51	6°23	18° 3	19°15	8°20	26°44	0°12	18°13	6°27	23°25	22°57	22°13	n.a.	M 5
T 6	10 24 48	8°12'22	1♉33	8°26	19°17	20° 1	8°14	26°40	0°10	18°14	6°28	23°17	22°54	22°20	n.a.	T 6
W 7	10 28 44	9°11'09	13°56	10°31	20°30	20°47	8° 8	26°35	0° 8	18°15	6°30	23°12	22°51	22°27	n.a.	W 7
T 8	10 32 41	10° 9'54	26° 2	12°36	21°44	21°34	8° 2	26°31	0° 6	18°15	6°31	23°10	22°48	22°33	n.a.	T 8
F 9	10 36 38	11° 8'36	7♊57	14°42	22°58	22°20	7°56	26°26	0° 4	18°16	6°33	23°D 9	22°45	22°40	n.a.	F 9
S 10	10 40 34	12° 7'16	19°46	16°48	24°12	23° 6	7°51	26°22	0° 2	18°17	6°34	23°R 9	22°41	22°47	n.a.	S 10
S 11	10 44 31	13° 5'54	1♋34	18°54	25°25	23°52	7°46	26°18	0° 1	18°17	6°35	23° 9	22°38	22°53	n.a.	S 11
M12	10 48 27	14° 4'29	13°27	20°59	26°39	24°38	7°41	26°13	29♋59	18°18	6°37	23° 7	22°35	23° 0	n.a.	M12
T 13	10 52 24	15° 3'02	25°30	23° 4	27°53	25°24	7°36	26° 9	29°58	18°18	6°38	23° 4	22°32	23° 7	n.a.	T 13
W14	10 56 20	16° 1'33	7♌47	25° 8	29° 6	26°10	7°31	26° 5	29°56	18°19	6°40	22°58	22°29	23°13	n.a.	W14
T 15	11 0 17	17° 0'01	20°20	27°11	0♓20	26°56	7°26	26° 1	29°54	18°19	6°41	22°49	22°26	23°20	n.a.	T 15
F 16	11 4 13	17°58'28	3♍11	29°12	1°34	27°42	7°22	25°57	29°53	18°20	6°43	22°38	22°22	23°27	n.a.	F 16
S 17	11 8 10	18°56'52	16°21	1♈12	2°47	28°28	7°17	25°52	29°51	18°20	6°44	22°25	22°19	23°33	n.a.	S 17
S 18	11 12 7	19°55'14	29°48	3° 9	4° 1	29°14	7°13	25°48	29°50	18°21	6°45	22°13	22°16	23°40	n.a.	S 18
M19	11 16 3	20°53'34	13♎29	5° 3	5°15	29°59	7° 9	25°44	29°49	18°21	6°47	22° 1	22°13	23°46	n.a.	M19
T 20	11 20 0	21°51'53	27°21	6°55	6°28	0♓46	7° 5	25°41	29°47	18°21	6°48	21°52	22°10	23°53	n.a.	T 20
W21	11 23 56	22°50'09	11♏21	8°44	7°42	1°31	7° 1	25°37	29°46	18°21	6°50	21°45	22° 6	24° 0	n.a.	W21
T 22	11 27 53	23°48'25	25°25	10°29	8°55	2°17	6°58	25°33	29°45	18°22	6°51	21°41	22° 3	24° 6	n.a.	T 22
F 23	11 31 49	24°46'38	9♐31	12°11	10° 9	3° 3	6°55	25°29	29°44	18°22	6°53	21°40	22° 0	24°13	n.a.	F 23
S 24	11 35 46	25°44'50	23°38	13°49	11°23	3°48	6°51	25°25	29°43	18°22	6°54	21°39	21°57	24°20	n.a.	S 24
S 25	11 39 42	26°43'00	7♑44	15°23	12°36	4°34	6°48	25°22	29°42	18°22	6°55	21°39	21°54	24°26	n.a.	S 25
M26	11 43 39	27°41'09	21°50	16°53	13°50	5°20	6°45	25°18	29°41	18°22	6°57	21°38	21°51	24°33	n.a.	M26
T 27	11 47 36	28°39'17	5♒53	18°19	15° 4	6° 5	6°43	25°15	29°40	18°22	6°58	21°34	21°47	24°40	n.a.	T 27
W28	11 51 32	29°37'22	19°52	19°40	16°17	6°50	6°40	25°11	29°39	18°R22	6°59	21°27	21°44	24°46	n.a.	W28
T 29	11 55 29	0♈35'26	3♓43	20°57	17°31	7°36	6°38	25° 8	29°38	18°22	7° 1	21°18	21°41	24°53	n.a.	T 29
F 30	11 59 25	1°33'29	17°24	22°10	18°45	8°21	6°36	25° 5	29°37	18°22	7° 2	21° 7	21°38	25° 0	n.a.	F 30
S 31	12 3 22	2♈31'29	0♈52	23♈18	19♓58	9♓ 6	6♌34	25♌ 1	29♋36	18♐22	7♓ 3	20♊55	21♊35	25♊ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	10s26	17s41	4s23	13s47	1s39	18s16	1s13	17s17	1s 7	19n47	1n31	14n56	2n25	21n 4	0n43	22s21	0n53	24s44	16s44	23n38	23n36	23n23			n.a.
F 2	10 5	12 59	4 51	12 59	1 33	17 56	1 14	17 3	1 7	19 48	1 30	14 57	2 25	21 4	0 43	22 21	0 53	24 43	16 44	23 38	23 35	23 25			n.a.
S 3	9 43	7 42	5 2	12 9	1 27	17 35	1 16	16 48	1 7	19 50	1 30	14 59	2 25	21 5	0 43	22 21	0 53	24 43	16 44	23 37	23 35	23 26			n.a.
S 4	9 21	2 11	4 55	11 18	1 20	17 14	1 17	16 34	1 7	19 52	1 30	15 1	2 25	21 5	0 43	22 21	0 53	24 42	16 44	23 37	23 35	23 27			n.a.
M 5	8 59	3n16	4 33	10 25	1 12	16 52	1 18	16 19	1 7	19 53	1 30	15 2	2 25	21 5	0 43	22 21	0 54	24 42	16 44	23 36	23 35	23 29			n.a.
T 6	8 36	8 28	3 58	9 31	1 4	16 30	1 19	16 4	1 7	19 55	1 30	15 4	2 25	21 6	0 43	22 21	0 54	24 41	16 44	23 36	23 35	23 30			n.a.
W 7	8 14	13 11	3 12	8 35	0 56	16 7	1 20	15 49	1 7	19 56	1 30	15 5	2 25	21 6	0 43	22 21	0 54	24 41	16 44	23 36	23 35	23 31			n.a.
T 8	7 52	17 17	2 19	7 38	0 46	15 44	1 21	15 34	1 7	19 58	1 30	15 7	2 25	21 7	0 43	22 21	0 54	24 40	16 44	23 36	23 34	23 32			n.a.
F 9	7 29	20 38	1 20	6 40	0 37	15 21	1 22	15 19	1 7	19 59	1 30	15 8	2 25	21 7	0 43	22 21	0 54	24 39	16 44	23 36	23 34	23 34			n.a.
S 10	7 7	23 4	0 18	5 42	0 27	14 57	1 23	15 3	1 7	20 0	1 30	15 10	2 25	21 7	0 43	22 21	0 54	24 39	16 44	23 36	23 34	23 35			n.a.
S 11	6 44	24 30	0n45	4 42	0 17	14 33	1 24	14 48	1 7	20 2	1 30	15 11	2 25	21 8	0 43	22 22	0 54	24 38	16 44	23 36	23 34	23 36			n.a.
M12	6 21	24 50	1 46	3 43	0 6	14 8	1 25	14 32	1 7	20 3	1 30	15 13	2 25	21 8	0 43	22 22	0 54	24 38	16 44	23 36	23 34	23 37			n.a.
T 13	5 58	24 0	2 42	2 43	0n 5	13 43	1 25	14 16	1 7	20 4	1 29	15 14	2 25	21 8	0 43	22 22	0 54	24 37	16 44	23 35	23 34	23 39			n.a.
W14	5 35	22 0	3 33	1 43	0 16	13 17	1 26	14 1	1 7	20 5	1 29	15 16	2 25	21 9	0 43	22 22	0 54	24 37	16 44	23 35	23 33	23 40			n.a.
T 15	5 12	18 55	4 14	0 43	0 28	12 51	1 27	13 45	1 6	20 6	1 29	15 17	2 25	21 9	0 43	22 22	0 54	24 36	16 44	23 34	23 33	23 41			n.a.
F 16	4 49	14 52	4 44	0n16	0 39	12 25	1 27	13 28	1 6	20 7	1 29	15 18	2 24	21 9	0 43	22 22	0 54	24 36	16 44	23 34	23 33	23 42			n.a.
S 17	4 26	10 2	4 59	1 15	0 50	11 59	1 27	13 12	1 6	20 8	1 29	15 20	2 24	21 9	0 43	22 22	0 54	24 35	16 45	23 33	23 33	23 43			n.a.
S 18	4 3	4 37	4 58	2 12	1 1	11 32	1 28	12 56	1 6	20 9	1 29	15 21	2 24	21 10	0 43	22 22	0 54	24 35	16 45	23 32	23 33	23 45			n.a.
M19	3 39	1s 6	4 40	3 8	1 12	11 5	1 28	12 39	1 6	20 10	1 29	15 23	2 24	21 10	0 43	22 22	0 54	24 34	16 45	23 32	23 32	23 46			n.a.
T 20	3 16	6 52	4 5	4 3	1 23	10 38	1 28	12 23	1 6	20 11	1 29	15 24	2 24	21 10	0 43	22 22	0 54	24 34	16 45	23 31	23 32	23 47			n.a.
W21	2 53	12 21	3 16	4 56	1 34	10 10	1 28	12 6	1 6	20 12	1 28	15 25	2 24	21 11	0 43	22 22	0 54	24 33	16 45	23 31	23 32	23 48			n.a.
T 22	2 30	17 13	2 14	5 47	1 44	9 42	1 29	11 49	1 6	20 13	1 28	15 26	2 24	21 11	0 43	22 22	0 54	24 33	16 45	23 30	23 32	23 49			n.a.
F 23	2 6	21 8	1 4	6 36	1 53	9 14	1 29	11 32	1 5	20 13	1 28	15 28	2 24	21 11	0 43	22 22	0 54	24 33	16 45	23 30	23 32	23 51			n.a.
S 24	1 43	23 47	0s10	7 23	2 2	8 45	1 29	11 16	1 5	20 14	1 28	15 29	2 24	21 11	0 42	22 22	0 54	24 32	16 45	23 30	23 31	23 52			n.a.
S 25	1 19	24 56	1 24	8 8	2 10	8 17	1 28	10 59	1 5	20 15	1 28	15 30	2 24	21 11	0 42	22 22	0 54	24 32	16 45	23 30	23 31	23 53			n.a.
M26	0 56	24 29	2 32	8 50	2 18	7 48	1 28	10 41	1 5	20 15	1 28	15 31	2 24	21 12	0 42	22 22	0 54	24 31	16 45	23 30	23 31	23 54			n.a.
T 27	0 33	22 28	3 31	9 30	2 25	7 19	1 28	10 24	1 5	20 16	1 28	15 32	2 24	21 12	0 42	22 22	0 54	24 31	16 46	23 30	23 31	23 55			n.a.
W28	0 9	19 7	4 17	10 8	2 31	6 50	1 28	10 7	1 4	20 16	1 27	15 33	2 24	21 12	0 42	22 22	0 54	24 30	16 46	23 30	23 31	23 56			n.a.
T 29	0n14	14 44	4 47	10 42	2 37	6 20	1 27	9 50	1 4	20 17	1 27	15 34	2 24	21 12	0 42	22 22	0 54	24 30	16 46	23 29	23 30	23 58			n.a.
F 30	0 38	9 38	5 0	11 14	2 41	5 50	1 27	9 32	1 4	20 17	1 27	15 35	2 23	21 12	0 42	22 22	0 54	24 30	16 46	23 28	23 30	23 59			n.a.
S 31	1n 1	4s10	4s56	11n44	2n45	5s21	1s26	9s15	1s 4	20n17	1n27	15n36	2n23	21n12	0n42	22s22	0n54	24s29	16s46	23n27	23n30	24n 0			n.a.

Julian Day Number = 1486991.5, Delta T = 05h17m54s
Ecliptic obliquity = 23°46'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'16, Lahiri = -12°49'16 Julian Calendar 1 March 642 BCE == Greg. Calendar 22 Feb. 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

APRIL 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 7 18	3♈29'28	14♈ 3	24♈22	21♓12	9♓52	6°R32	24°R58	29°R35	18°R22	7♓ 5	20°R43	21♊32	25♊13	n.a.	S 1
M 2	12 11 15	4°27'26	26°56	25°21	22°26	10°37	6♎31	24♎55	29♋35	18♐22	7° 6	20♊32	21°28	25°19	n.a.	M 2
T 3	12 15 11	5°25'21	9♉31	26°15	23°39	11°22	6°29	24°52	29°34	18°22	7° 7	20°24	21°25	25°26	n.a.	T 3
W 4	12 19 8	6°23'15	21°50	27° 4	24°53	12° 7	6°28	24°49	29°34	18°22	7° 9	20°18	21°22	25°33	n.a.	W 4
T 5	12 23 4	7°21'06	3♊54	27°49	26° 6	12°52	6°27	24°47	29°33	18°21	7°10	20°15	21°19	25°39	n.a.	T 5
F 6	12 27 1	8°18'56	15°49	28°28	27°20	13°37	6°26	24°44	29°33	18°21	7°11	20°D13	21°16	25°46	n.a.	F 6
S 7	12 30 58	9°16'45	27°38	29° 3	28°34	14°22	6°25	24°41	29°32	18°21	7°13	20°13	21°12	25°53	n.a.	S 7
S 8	12 34 54	10°14'31	9♋26	29°32	29°47	15° 7	6°25	24°39	29°32	18°20	7°14	20°R14	21° 9	25°59	n.a.	S 8
M 9	12 38 51	11°12'16	21°20	29°57	1♈ 1	15°52	6°25	24°36	29°32	18°20	7°15	20°13	21° 6	26° 6	n.a.	M 9
T 10	12 42 47	12° 9'58	3♌25	0♉16	2°14	16°37	6°D25	24°34	29°31	18°20	7°16	20°11	21° 3	26°13	n.a.	T 10
W11	12 46 44	13° 7'39	15°44	0°31	3°28	17°21	6°25	24°31	29°31	18°19	7°18	20° 7	21° 0	26°19	n.a.	W11
T 12	12 50 40	14° 5'19	28°24	0°40	4°42	18° 6	6°25	24°29	29°31	18°19	7°19	20° 0	20°57	26°26	n.a.	T 12
F 13	12 54 37	15° 2'56	11♍25	0°R44	5°55	18°50	6°25	24°27	29°31	18°18	7°20	19°51	20°53	26°33	n.a.	F 13
S 14	12 58 33	16° 0'32	24°48	0°44	7° 9	19°35	6°26	24°25	29°D31	18°18	7°21	19°41	20°50	26°39	n.a.	S 14
S 15	13 2 30	16°58'07	8♎34	0°39	8°22	20°20	6°27	24°23	29°31	18°17	7°22	19°31	20°47	26°46	n.a.	S 15
M16	13 6 27	17°55'40	22°37	0°29	9°36	21° 4	6°28	24°21	29°31	18°17	7°23	19°22	20°44	26°53	n.a.	M16
T 17	13 10 23	18°53'12	6♏54	0°15	10°50	21°48	6°29	24°20	29°31	18°16	7°25	19°14	20°41	26°59	n.a.	T 17
W18	13 14 20	19°50'42	21°19	29♈57	12° 3	22°33	6°30	24°18	29°31	18°16	7°26	19° 9	20°37	27° 6	n.a.	W18
T 19	13 18 16	20°48'12	5♐47	29°36	13°17	23°17	6°32	24°16	29°31	18°15	7°27	19° 6	20°34	27°12	n.a.	T 19
F 20	13 22 13	21°45'41	20°12	29°11	14°30	24° 1	6°33	24°15	29°32	18°14	7°28	19°D 6	20°31	27°19	n.a.	F 20
S 21	13 26 9	22°43'08	4♑31	28°43	15°44	24°45	6°35	24°13	29°32	18°13	7°29	19° 6	20°28	27°26	n.a.	S 21
S 22	13 30 6	23°40'35	18°41	28°13	16°58	25°30	6°37	24°12	29°32	18°13	7°30	19°R 7	20°25	27°32	n.a.	S 22
M23	13 34 2	24°38'01	2♒43	27°41	18°11	26°14	6°40	24°11	29°33	18°12	7°31	19° 7	20°22	27°39	n.a.	M23
T 24	13 37 59	25°35'26	16°34	27° 8	19°25	26°58	6°42	24°10	29°33	18°11	7°32	19° 5	20°18	27°46	n.a.	T 24
W25	13 41 56	26°32'50	0♓14	26°34	20°38	27°42	6°45	24° 9	29°34	18°10	7°33	19° 1	20°15	27°52	n.a.	W25
T 26	13 45 52	27°30'14	13°43	26° 1	21°52	28°26	6°47	24° 8	29°35	18° 9	7°34	18°55	20°12	27°59	n.a.	T 26
F 27	13 49 49	28°27'36	27° 0	25°27	23° 5	29° 9	6°50	24° 7	29°35	18° 9	7°35	18°47	20° 9	28° 6	n.a.	F 27
S 28	13 53 45	29°24'57	10♈ 4	24°55	24°19	29°53	6°53	24° 6	29°36	18° 8	7°36	18°38	20° 6	28°12	n.a.	S 28
S 29	13 57 42	0♉22'18	22°54	24°24	25°33	0♈37	6°56	24° 6	29°37	18° 7	7°37	18°30	20° 3	28°19	n.a.	S 29
M30	14 1 38	1♉19'38	5♉30	23♈55	26♈46	1♈21	7♎ 0	24♎ 5	29♋37	18♐ 6	7♓38	18♊23	19♊59	28♊26	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n24	1n22	4s37	12n10	2n48	4s51	1s26	8s57	1s 4	20n18	1n27	15n37	2n23	21n13	0n42	22s22	0n54	24s29	16s46	23n27	23n30	24n 1		n.a.
M 2	1 48	6 45	4 3	12 34	2 50	4 21	1 25	8 40	1 3	20 18	1 27	15 38	2 23	21 13	0 42	22 22	0 54	24 28	16 46	23 26	23 30	24 2		n.a.
T 3	2 11	11 44	3 18	12 55	2 51	3 51	1 24	8 22	1 3	20 18	1 26	15 39	2 23	21 13	0 42	22 21	0 54	24 28	16 47	23 25	23 29	24 3		n.a.
W 4	2 34	16 9	2 25	13 13	2 51	3 20	1 24	8 5	1 3	20 18	1 26	15 40	2 23	21 13	0 42	22 21	0 54	24 28	16 47	23 25	23 29	24 4		n.a.
T 5	2 57	19 49	1 26	13 29	2 50	2 50	1 23	7 47	1 3	20 18	1 26	15 41	2 23	21 13	0 42	22 21	0 54	24 27	16 47	23 25	23 29	24 5		n.a.
F 6	3 21	22 37	0 23	13 41	2 48	2 20	1 22	7 29	1 2	20 18	1 26	15 42	2 23	21 13	0 42	22 21	0 54	24 27	16 47	23 24	23 29	24 7		n.a.
S 7	3 44	24 24	0n39	13 51	2 45	1 49	1 21	7 11	1 2	20 18	1 26	15 42	2 22	21 13	0 42	22 21	0 54	24 27	16 47	23 24	23 29	24 8		n.a.
S 8	4 7	25 6	1 41	13 57	2 40	1 18	1 20	6 54	1 2	20 18	1 25	15 43	2 22	21 13	0 42	22 21	0 54	24 26	16 47	23 24	23 28	24 9		n.a.
M 9	4 30	24 39	2 38	14 1	2 35	0 48	1 19	6 36	1 2	20 18	1 25	15 44	2 22	21 13	0 42	22 21	0 54	24 26	16 48	23 24	23 28	24 10		n.a.
T 10	4 52	23 3	3 29	14 2	2 29	0 17	1 18	6 18	1 1	20 18	1 25	15 45	2 22	21 13	0 42	22 21	0 54	24 26	16 48	23 24	23 28	24 11		n.a.
W11	5 15	20 20	4 11	14 0	2 21	0n14	1 17	6 0	1 1	20 18	1 25	15 45	2 22	21 13	0 42	22 21	0 54	24 26	16 48	23 24	23 28	24 12		n.a.
T 12	5 38	16 36	4 43	13 55	2 12	0 44	1 16	5 42	1 1	20 18	1 25	15 46	2 22	21 13	0 42	22 21	0 54	24 25	16 48	23 23	23 28	24 13		n.a.
F 13	6 0	12 0	5 0	13 48	2 2	1 15	1 14	5 24	1 0	20 17	1 25	15 46	2 22	21 13	0 42	22 21	0 54	24 25	16 49	23 23	23 27	24 14		n.a.
S 14	6 23	6 42	5 2	13 38	1 52	1 46	1 13	5 6	1 0	20 17	1 24	15 47	2 21	21 13	0 42	22 21	0 54	24 25	16 49	23 22	23 27	24 15		n.a.
S 15	6 45	0 57	4 47	13 25	1 40	2 16	1 12	4 48	1 0	20 17	1 24	15 48	2 21	21 13	0 42	22 21	0 54	24 24	16 49	23 21	23 27	24 16		n.a.
M16	7 8	4s59	4 15	13 9	1 27	2 47	1 10	4 30	0 59	20 16	1 24	15 48	2 21	21 13	0 42	22 21	0 54	24 24	16 49	23 20	23 27	24 17		n.a.
T 17	7 30	10 46	3 26	12 51	1 13	3 17	1 9	4 12	0 59	20 16	1 24	15 48	2 21	21 13	0 42	22 21	0 54	24 24	16 49	23 20	23 26	24 18		n.a.
W18	7 52	16 3	2 23	12 31	0 58	3 48	1 7	3 54	0 59	20 15	1 24	15 49	2 21	21 13	0 42	22 21	0 54	24 24	16 50	23 19	23 26	24 19		n.a.
T 19	8 14	20 25	1 11	12 9	0 43	4 18	1 6	3 36	0 58	20 15	1 23	15 49	2 21	21 13	0 42	22 21	0 54	24 24	16 50	23 19	23 26	24 20		n.a.
F 20	8 36	23 30	0s 6	11 45	0 27	4 49	1 4	3 18	0 58	20 14	1 23	15 50	2 21	21 13	0 42	22 21	0 54	24 23	16 50	23 19	23 26	24 21		n.a.
S 21	8 57	25 3	1 22	11 20	0 11	5 19	1 2	3 0	0 58	20 13	1 23	15 50	2 20	21 13	0 42	22 20	0 54	24 23	16 50	23 19	23 25	24 22		n.a.
S 22	9 19	24 57	2 32	10 53	0s 6	5 49	1 1	2 42	0 57	20 13	1 23	15 50	2 20	21 12	0 42	22 20	0 54	24 23	16 51	23 19	23 25	24 23		n.a.
M23	9 40	23 16	3 32	10 26	0 23	6 19	0 59	2 23	0 57	20 12	1 23	15 50	2 20	21 12	0 42	22 20	0 54	24 23	16 51	23 19	23 25	24 24		n.a.
T 24	10 2	20 12	4 19	9 58	0 41	6 49	0 57	2 5	0 57	20 11	1 22	15 51	2 20	21 12	0 42	22 20	0 54	24 23	16 51	23 19	23 25	24 25		n.a.
W25	10 23	16 4	4 51	9 30	0 58	7 19	0 55	1 47	0 56	20 10	1 22	15 51	2 20	21 12	0 41	22 20	0 54	24 22	16 51	23 19	23 25	24 26		n.a.
T 26	10 44	11 10	5 5	9 2	1 15	7 48	0 54	1 29	0 56	20 9	1 22	15 51	2 20	21 12	0 41	22 20	0 54	24 22	16 52	23 18	23 24	24 27		n.a.
F 27	11 5	5 50	5 4	8 34	1 31	8 18	0 52	1 11	0 56	20 8	1 22	15 51	2 19	21 12	0 41	22 20	0 54	24 22	16 52	23 18	23 24	24 28		n.a.
S 28	11 25	0 20	4 46	8 7	1 47	8 47	0 50	0 53	0 55	20 7	1 22	15 51	2 19	21 12	0 41	22 20	0 54	24 22	16 52	23 17	23 24	24 29		n.a.
S 29	11 46	5n 6	4 14	7 42	2 2	9 16	0 48	0 35	0 55	20 6	1 21	15 51	2 19	21 11	0 41	22 20	0 54	24 22	16 53	23 16	23 24	24 30		n.a.
M30	12n 6	10n15	3s30	7n18	2s17	9n45	0s46	0s17	0s54	20n 5	1n21	15n51	2n19	21n11	0n41	22s20	0n54	24s22	16s53	23n15	23n23	24n31		n.a.

Julian Day Number = 1487022.5, Delta T = 05h17m53s
Ecliptic obliquity = 23°46'23, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'12, Lahiri = -12°49'12 Julian Calendar 1 Apr. 642 BCE == Greg. Calendar 25 March 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

MAY 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 5 35	2♉16'57	17♉52	23°R29	28♈ 0	2♈ 4	7♌ 3	24°R 5	29♋38	18°R 5	7♓39	18°R17	19♊56	28♊32	n.a.	T 1
W 2	14 9 31	3°14'15	0♊ 2	23♈ 6	29°14	2°48	7° 7	24♌ 5	29°39	18♐ 4	7°40	18♊13	19°53	28°39	n.a.	W 2
T 3	14 13 28	4°11'32	12° 1	22°47	0♉27	3°31	7°11	24° 4	29°40	18° 3	7°41	18°11	19°50	28°46	n.a.	T 3
F 4	14 17 25	5° 8'48	23°53	22°31	1°41	4°15	7°15	24°D 4	29°41	18° 2	7°42	18°D11	19°47	28°52	n.a.	F 4
S 5	14 21 21	6° 6'03	5♋40	22°18	2°54	4°58	7°19	24° 4	29°42	18° 1	7°43	18°12	19°43	28°59	n.a.	S 5
S 6	14 25 18	7° 3'17	17°29	22°11	4° 8	5°41	7°24	24° 4	29°43	18° 0	7°44	18°14	19°40	29° 5	n.a.	S 6
M 7	14 29 14	8° 0'30	29°22	22°D 7	5°22	6°25	7°28	24° 5	29°45	17°58	7°44	18°15	19°37	29°12	n.a.	M 7
T 8	14 33 11	8°57'42	11♌26	22° 8	6°35	7° 8	7°33	24° 5	29°46	17°57	7°45	18°R15	19°34	29°19	n.a.	T 8
W 9	14 37 7	9°54'53	23°46	22°13	7°49	7°51	7°38	24° 5	29°47	17°56	7°46	18°14	19°31	29°25	n.a.	W 9
T 10	14 41 4	10°52'03	6♍25	22°23	9° 2	8°34	7°43	24° 6	29°48	17°55	7°47	18°12	19°28	29°32	n.a.	T 10
F 11	14 45 0	11°49'13	19°28	22°37	10°16	9°17	7°48	24° 6	29°50	17°54	7°47	18° 8	19°24	29°39	n.a.	F 11
S 12	14 48 57	12°46'21	2♎57	22°56	11°30	10° 0	7°53	24° 7	29°51	17°52	7°48	18° 3	19°21	29°45	n.a.	S 12
S 13	14 52 54	13°43'29	16°51	23°19	12°43	10°43	7°59	24° 8	29°53	17°51	7°49	17°58	19°18	29°52	n.a.	S 13
M14	14 56 50	14°40'36	1♏ 8	23°47	13°57	11°26	8° 5	24° 9	29°54	17°50	7°50	17°53	19°15	29°59	n.a.	M14
T 15	15 0 47	15°37'43	15°43	24°19	15°11	12° 9	8°10	24°10	29°56	17°49	7°50	17°49	19°12	0♋ 5	n.a.	T 15
W16	15 4 43	16°34'49	0♐30	24°56	16°24	12°51	8°16	24°11	29°57	17°47	7°51	17°47	19° 9	0°12	n.a.	W16
T 17	15 8 40	17°31'55	15°21	25°37	17°38	13°34	8°22	24°12	29°59	17°46	7°52	17°D46	19° 5	0°19	n.a.	T 17
F 18	15 12 36	18°29'01	0♑ 9	26°22	18°52	14°17	8°28	24°13	0♌ 1	17°45	7°52	17°46	19° 2	0°25	n.a.	F 18
S 19	15 16 33	19°26'07	14°48	27°11	20° 5	14°59	8°35	24°15	0° 3	17°43	7°53	17°47	18°59	0°32	n.a.	S 19
S 20	15 20 30	20°23'12	29°12	28° 5	21°19	15°42	8°41	24°16	0° 4	17°42	7°53	17°49	18°56	0°39	n.a.	S 20
M21	15 24 26	21°20'18	13♒20	29° 2	22°33	16°24	8°48	24°18	0° 6	17°40	7°54	17°50	18°53	0°45	n.a.	M21
T 22	15 28 23	22°17'24	27°10	0♉ 3	23°46	17° 6	8°55	24°20	0° 8	17°39	7°54	17°R50	18°49	0°52	n.a.	T 22
W23	15 32 19	23°14'30	10♓42	1° 8	25° 0	17°49	9° 1	24°21	0°10	17°38	7°55	17°49	18°46	0°58	n.a.	W23
T 24	15 36 16	24°11'35	23°56	2°17	26°14	18°31	9° 8	24°23	0°12	17°36	7°55	17°47	18°43	1° 5	n.a.	T 24
F 25	15 40 12	25° 8'41	6♈55	3°30	27°27	19°13	9°16	24°25	0°14	17°35	7°56	17°44	18°40	1°12	n.a.	F 25
S 26	15 44 9	26° 5'47	19°39	4°46	28°41	19°55	9°23	24°27	0°16	17°33	7°56	17°41	18°37	1°18	n.a.	S 26
S 27	15 48 5	27° 2'54	2♉10	6° 7	29°55	20°37	9°30	24°29	0°18	17°32	7°57	17°37	18°34	1°25	n.a.	S 27
M28	15 52 2	28° 0'00	14°29	7°30	1♊ 8	21°19	9°38	24°32	0°20	17°30	7°57	17°35	18°30	1°32	n.a.	M28
T 29	15 55 59	28°57'06	26°37	8°58	2°22	22° 1	9°45	24°34	0°23	17°29	7°58	17°33	18°27	1°38	n.a.	T 29
W30	15 59 55	29°54'13	8♊37	10°28	3°36	22°43	9°53	24°36	0°25	17°27	7°58	17°32	18°24	1°45	n.a.	W30
T 31	16 3 52	0♊51'19	20♊30	12♉ 3	4♊50	23♈25	10♌ 1	24♌39	0♌27	17♐26	7♓58	17°D31	18♊21	1♋52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	12n26	14n53	2s37	6n55	2s30	10n14	0s44	0n 1	0s54	20n 4	1n21	15n51	2n19	21n11	0n41	22s20	0n54	24s22	16s53	23n15	23n23	24n32			n.a.
W 2	12 46	18 52	1 37	6 35	2 43	10 42	0 42	0 19	0 54	20 3	1 21	15 51	2 18	21 11	0 41	22 19	0 54	24 22	16 53	23 15	23 23	24 33			n.a.
T 3	13 6	22 0	0 33	6 17	2 54	11 10	0 40	0 36	0 53	20 2	1 21	15 51	2 18	21 10	0 41	22 19	0 55	24 22	16 54	23 14	23 23	24 34			n.a.
F 4	13 25	24 9	0n31	6 2	3 5	11 38	0 37	0 54	0 53	20 1	1 21	15 51	2 18	21 10	0 41	22 19	0 55	24 21	16 54	23 14	23 22	24 35			n.a.
S 5	13 44	25 13	1 34	5 48	3 14	12 6	0 35	1 12	0 52	19 59	1 20	15 51	2 18	21 10	0 41	22 19	0 55	24 21	16 54	23 14	23 22	24 36			n.a.
S 6	14 3	25 8	2 33	5 38	3 22	12 33	0 33	1 30	0 52	19 58	1 20	15 51	2 18	21 10	0 41	22 19	0 55	24 21	16 55	23 15	23 22	24 37			n.a.
M 7	14 22	23 55	3 25	5 30	3 29	13 0	0 31	1 48	0 51	19 57	1 20	15 50	2 18	21 9	0 41	22 19	0 55	24 21	16 55	23 15	23 22	24 38			n.a.
T 8	14 41	21 35	4 10	5 25	3 35	13 27	0 29	2 5	0 51	19 55	1 20	15 50	2 17	21 9	0 41	22 19	0 55	24 21	16 55	23 15	23 21	24 39			n.a.
W 9	14 59	18 14	4 44	5 23	3 39	13 54	0 26	2 23	0 51	19 54	1 20	15 50	2 17	21 9	0 41	22 19	0 55	24 21	16 56	23 15	23 21	24 40			n.a.
T 10	15 18	13 59	5 5	5 23	3 43	14 20	0 24	2 41	0 50	19 52	1 19	15 49	2 17	21 8	0 41	22 19	0 55	24 21	16 56	23 14	23 21	24 40			n.a.
F 11	15 36	8 59	5 11	5 26	3 45	14 46	0 22	2 58	0 50	19 51	1 19	15 49	2 17	21 8	0 41	22 18	0 55	24 21	16 56	23 14	23 21	24 41			n.a.
S 12	15 53	3 24	5 1	5 32	3 47	15 11	0 20	3 16	0 49	19 49	1 19	15 49	2 17	21 8	0 41	22 18	0 55	24 21	16 57	23 14	23 20	24 42			n.a.
S 13	16 11	2s31	4 33	5 41	3 47	15 36	0 17	3 33	0 49	19 48	1 19	15 48	2 16	21 7	0 41	22 18	0 55	24 21	16 57	23 13	23 20	24 43			n.a.
M14	16 28	8 28	3 48	5 52	3 46	16 1	0 15	3 51	0 48	19 46	1 19	15 48	2 16	21 7	0 41	22 18	0 55	24 21	16 57	23 13	23 20	24 44			n.a.
T 15	16 45	14 7	2 46	6 5	3 44	16 25	0 13	4 8	0 48	19 44	1 19	15 47	2 16	21 7	0 41	22 18	0 55	24 21	16 58	23 12	23 20	24 45			n.a.
W16	17 2	19 1	1 33	6 21	3 42	16 49	0 10	4 25	0 47	19 43	1 18	15 47	2 16	21 6	0 41	22 18	0 55	24 21	16 58	23 12	23 19	24 46			n.a.
T 17	17 18	22 44	0 13	6 39	3 38	17 12	0 8	4 43	0 47	19 41	1 18	15 46	2 16	21 6	0 41	22 18	0 55	24 21	16 58	23 12	23 19	24 47			n.a.
F 18	17 34	24 54	1s 7	7 0	3 34	17 35	0 6	5 0	0 46	19 39	1 18	15 45	2 15	21 6	0 41	22 18	0 55	24 22	16 59	23 12	23 19	24 47			n.a.
S 19	17 50	25 18	2 23	7 22	3 29	17 58	0 3	5 17	0 46	19 37	1 18	15 45	2 15	21 5	0 41	22 17	0 55	24 22	16 59	23 12	23 19	24 48			n.a.
S 20	18 6	24 0	3 28	7 47	3 23	18 20	0 1	5 34	0 45	19 35	1 18	15 44	2 15	21 5	0 41	22 17	0 55	24 22	16 59	23 12	23 18	24 49			n.a.
M21	18 21	21 11	4 19	8 13	3 17	18 41	0n 2	5 51	0 45	19 33	1 18	15 43	2 15	21 4	0 41	22 17	0 55	24 22	17 0	23 12	23 18	24 50			n.a.
T 22	18 36	17 13	4 54	8 42	3 9	19 2	0 4	6 8	0 44	19 31	1 17	15 43	2 15	21 4	0 41	22 17	0 55	24 22	17 0	23 12	23 18	24 51			n.a.
W23	18 51	12 27	5 12	9 12	3 1	19 23	0 6	6 25	0 44	19 29	1 17	15 42	2 15	21 3	0 41	22 17	0 55	24 22	17 0	23 12	23 17	24 52			n.a.
T 24	19 5	7 13	5 13	9 44	2 53	19 43	0 9	6 41	0 43	19 27	1 17	15 41	2 14	21 3	0 41	22 17	0 55	24 22	17 1	23 12	23 17	24 52			n.a.
F 25	19 19	1 45	4 57	10 17	2 44	20 3	0 11	6 58	0 43	19 25	1 17	15 40	2 14	21 3	0 41	22 17	0 55	24 22	17 1	23 12	23 17	24 53			n.a.
S 26	19 33	3n41	4 27	10 52	2 34	20 22	0 13	7 15	0 42	19 23	1 17	15 39	2 14	21 2	0 41	22 16	0 55	24 22	17 1	23 12	23 17	24 54			n.a.
S 27	19 46	8 53	3 45	11 28	2 24	20 40	0 16	7 31	0 42	19 21	1 17	15 38	2 14	21 2	0 40	22 16	0 55	24 23	17 2	23 11	23 16	24 55			n.a.
M28	19 59	13 40	2 52	12 6	2 14	20 58	0 18	7 48	0 41	19 19	1 16	15 37	2 14	21 1	0 40	22 16	0 55	24 23	17 2	23 11	23 16	24 56			n.a.
T 29	20 12	17 50	1 53	12 44	2 3	21 15	0 20	8 4	0 40	19 17	1 16	15 36	2 13	21 1	0 40	22 16	0 55	24 23	17 3	23 11	23 16	24 56			n.a.
W30	20 25	21 14	0 49	13 24	1 52	21 32	0 23	8 20	0 40	19 14	1 16	15 35	2 13	21 0	0 40	22 16	0 55	24 23	17 3	23 11	23 16	24 57			n.a.
T 31	20n37	23n42	0n16	14n 4	1s41	21n48	0n25	8n36	0s39	19n12	1n16	15n34	2n13	20n59	0n40	22s16	0n55	24s23	17s 3	23n11	23n15	24n58			n.a.

Julian Day Number = 1487052.5, Delta T = 05h17m51s
Ecliptic obliquity = 23°46'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'08, Lahiri = -12°49'08 Julian Calendar 1 May 642 BCE == Greg. Calendar 24 Apr. 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

JUNE 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 7 48	1♊48'26	2♋18	13♉40	6♊ 3	24♈ 6	10♌ 9	24♌42	0♌30	17°R24	7♓59	17♊32	18♊18	1♋58	n.a.	F 1
S 2	16 11 45	2°45'33	14° 5	15°22	7°17	24°48	10°17	24°44	0°32	17♐23	7°59	17°33	18°15	2° 5	n.a.	S 2
S 3	16 15 41	3°42'39	25°54	17° 6	8°31	25°30	10°25	24°47	0°34	17°21	7°59	17°34	18°11	2°12	n.a.	S 3
M 4	16 19 38	4°39'46	7♌48	18°53	9°45	26°11	10°34	24°50	0°37	17°20	8° 0	17°35	18° 8	2°18	n.a.	M 4
T 5	16 23 34	5°36'52	19°52	20°44	10°58	26°52	10°42	24°53	0°39	17°18	8° 0	17°36	18° 5	2°25	n.a.	T 5
W 6	16 27 31	6°33'59	2♍11	22°37	12°12	27°34	10°51	24°56	0°42	17°16	8° 0	17°R37	18° 2	2°32	n.a.	W 6
T 7	16 31 28	7°31'06	14°47	24°33	13°26	28°15	10°59	24°59	0°44	17°15	8° 0	17°37	17°59	2°38	n.a.	T 7
F 8	16 35 24	8°28'12	27°47	26°31	14°40	28°56	11° 8	25° 2	0°47	17°13	8° 0	17°36	17°55	2°45	n.a.	F 8
S 9	16 39 21	9°25'19	11♎12	28°32	15°54	29°38	11°17	25° 6	0°50	17°12	8° 0	17°35	17°52	2°52	n.a.	S 9
S 10	16 43 17	10°22'26	25° 3	0♊34	17° 7	0♉19	11°26	25° 9	0°52	17°10	8° 1	17°35	17°49	2°58	n.a.	S 10
M11	16 47 14	11°19'33	9♏21	2°38	18°21	1° 0	11°35	25°13	0°55	17° 8	8° 1	17°34	17°46	3° 5	n.a.	M11
T 12	16 51 10	12°16'41	24° 2	4°44	19°35	1°41	11°44	25°16	0°58	17° 7	8° 1	17°33	17°43	3°11	n.a.	T 12
W13	16 55 7	13°13'49	9♐ 0	6°51	20°49	2°22	11°54	25°20	1° 1	17° 5	8° 1	17°33	17°40	3°18	n.a.	W13
T 14	16 59 4	14°10'57	24° 7	8°58	22° 3	3° 2	12° 3	25°24	1° 3	17° 4	8° 1	17°D33	17°36	3°25	n.a.	T 14
F 15	17 3 0	15° 8'07	9♑13	11° 6	23°16	3°43	12°13	25°27	1° 6	17° 2	8° 1	17°33	17°33	3°31	n.a.	F 15
S 16	17 6 57	16° 5'17	24°12	13°14	24°30	4°24	12°22	25°31	1° 9	17° 0	8°R 1	17°33	17°30	3°38	n.a.	S 16
S 17	17 10 53	17° 2'27	8♒54	15°22	25°44	5° 5	12°32	25°35	1°12	16°59	8° 1	17°34	17°27	3°45	n.a.	S 17
M18	17 14 50	17°59'39	23°15	17°30	26°58	5°45	12°42	25°39	1°15	16°57	8° 1	17°R34	17°24	3°51	n.a.	M18
T 19	17 18 46	18°56'52	7♓12	19°37	28°12	6°26	12°52	25°43	1°18	16°55	8° 1	17°33	17°21	3°58	n.a.	T 19
W20	17 22 43	19°54'05	20°45	21°43	29°26	7° 6	13° 2	25°48	1°21	16°54	8° 1	17°D33	17°17	4° 5	n.a.	W20
T 21	17 26 39	20°51'20	3♈55	23°48	0♋39	7°47	13°12	25°52	1°24	16°52	8° 1	17°33	17°14	4°11	n.a.	T 21
F 22	17 30 36	21°48'36	16°44	25°52	1°53	8°27	13°22	25°56	1°27	16°51	8° 0	17°34	17°11	4°18	n.a.	F 22
S 23	17 34 33	22°45'53	29°15	27°55	3° 7	9° 7	13°32	26° 1	1°30	16°49	8° 0	17°34	17° 8	4°25	n.a.	S 23
S 24	17 38 29	23°43'11	11♉32	29°57	4°21	9°47	13°42	26° 5	1°34	16°47	8° 0	17°35	17° 5	4°31	n.a.	S 24
M25	17 42 26	24°40'30	23°38	1♋57	5°35	10°27	13°53	26°10	1°37	16°46	8° 0	17°35	17° 1	4°38	n.a.	M25
T 26	17 46 22	25°37'50	5♊35	3°56	6°49	11° 7	14° 3	26°14	1°40	16°44	8° 0	17°36	16°58	4°45	n.a.	T 26
W27	17 50 19	26°35'11	17°27	5°53	8° 3	11°47	14°14	26°19	1°43	16°43	8° 0	17°R36	16°55	4°51	n.a.	W27
T 28	17 54 15	27°32'34	29°16	7°49	9°17	12°27	14°25	26°24	1°46	16°41	7°59	17°36	16°52	4°58	n.a.	T 28
F 29	17 58 12	28°29'57	11♋ 3	9°43	10°31	13° 7	14°35	26°29	1°50	16°39	7°59	17°35	16°49	5° 5	n.a.	F 29
S 30	18 2 8	29♊27'22	22♋51	11♋36	11♋45	13♉47	14♌46	26♌34	1♌53	16♐38	7♓59	17♊34	16♊46	5♋11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n49	25n 6	1n21	14n45	1s29	22n 4	0n27	8n53	0s39	19n10	1n16	15n33	2n13	20n59	0n40	22s16	0n55	24s24	17s 4	23n11	23n15	24n59		n.a.
S 2	21 0	25 22	2 22	15 26	1 17	22 19	0 29	9 9	0 38	19 7	1 16	15 32	2 13	20 58	0 40	22 16	0 55	24 24	17 4	23 11	23 15	24 59		n.a.
S 3	21 11	24 29	3 17	16 8	1 5	22 33	0 32	9 24	0 38	19 5	1 16	15 31	2 13	20 58	0 40	22 15	0 55	24 24	17 4	23 11	23 14	25 0		n.a.
M 4	21 22	22 30	4 4	16 50	0 53	22 47	0 34	9 40	0 37	19 2	1 15	15 30	2 12	20 57	0 40	22 15	0 55	24 24	17 5	23 11	23 14	25 1		n.a.
T 5	21 32	19 29	4 41	17 31	0 41	23 0	0 36	9 56	0 36	19 0	1 15	15 29	2 12	20 57	0 40	22 15	0 55	24 24	17 5	23 11	23 14	25 2		n.a.
W 6	21 42	15 35	5 6	18 13	0 29	23 12	0 38	10 12	0 36	18 57	1 15	15 28	2 12	20 56	0 40	22 15	0 55	24 25	17 5	23 11	23 14	25 2		n.a.
T 7	21 52	10 56	5 17	18 53	0 17	23 24	0 40	10 27	0 35	18 55	1 15	15 26	2 12	20 56	0 40	22 15	0 55	24 25	17 6	23 11	23 13	25 3		n.a.
F 8	22 1	5 39	5 12	19 33	0 6	23 35	0 43	10 43	0 35	18 52	1 15	15 25	2 12	20 55	0 40	22 15	0 55	24 25	17 6	23 11	23 13	25 4		n.a.
S 9	22 10	0s 2	4 51	20 12	0n 6	23 45	0 45	10 58	0 34	18 50	1 15	15 24	2 12	20 54	0 40	22 14	0 55	24 26	17 7	23 11	23 13	25 5		n.a.
S 10	22 19	5 55	4 12	20 49	0 17	23 55	0 47	11 13	0 34	18 47	1 15	15 23	2 11	20 54	0 40	22 14	0 55	24 26	17 7	23 11	23 12	25 5		n.a.
M11	22 27	11 42	3 17	21 25	0 27	24 4	0 49	11 28	0 33	18 44	1 14	15 21	2 11	20 53	0 40	22 14	0 55	24 26	17 7	23 11	23 12	25 6		n.a.
T 12	22 35	16 59	2 7	21 59	0 37	24 12	0 51	11 43	0 32	18 42	1 14	15 20	2 11	20 52	0 40	22 14	0 55	24 26	17 8	23 11	23 12	25 7		n.a.
W13	22 42	21 20	0 47	22 32	0 47	24 19	0 53	11 58	0 32	18 39	1 14	15 18	2 11	20 52	0 40	22 14	0 55	24 27	17 8	23 11	23 11	25 7		n.a.
T 14	22 49	24 15	0s36	23 1	0 56	24 26	0 55	12 13	0 31	18 36	1 14	15 17	2 11	20 51	0 40	22 14	0 55	24 27	17 8	23 11	23 11	25 8		n.a.
F 15	22 56	25 24	1 58	23 29	1 4	24 32	0 56	12 27	0 30	18 33	1 14	15 16	2 11	20 50	0 40	22 14	0 55	24 27	17 9	23 11	23 11	25 9		n.a.
S 16	23 2	24 41	3 10	23 54	1 12	24 38	0 58	12 42	0 30	18 30	1 14	15 14	2 10	20 50	0 40	22 13	0 55	24 28	17 9	23 11	23 11	25 9		n.a.
S 17	23 8	22 16	4 8	24 16	1 19	24 42	1 0	12 56	0 29	18 27	1 14	15 12	2 10	20 49	0 40	22 13	0 54	24 28	17 10	23 11	23 10	25 10		n.a.
M18	23 13	18 30	4 50	24 36	1 25	24 46	1 2	13 11	0 29	18 25	1 14	15 11	2 10	20 48	0 40	22 13	0 54	24 28	17 10	23 11	23 10	25 11		n.a.
T 19	23 18	13 48	5 13	24 52	1 31	24 49	1 4	13 25	0 28	18 22	1 13	15 9	2 10	20 48	0 40	22 13	0 54	24 29	17 10	23 11	23 10	25 11		n.a.
W20	23 23	8 34	5 17	25 6	1 36	24 52	1 5	13 39	0 27	18 19	1 13	15 8	2 10	20 47	0 40	22 13	0 54	24 29	17 11	23 11	23 9	25 12		n.a.
T 21	23 27	3 5	5 5	25 17	1 40	24 53	1 7	13 53	0 27	18 16	1 13	15 6	2 10	20 46	0 40	22 13	0 54	24 30	17 11	23 11	23 9	25 13		n.a.
F 22	23 31	2n24	4 38	25 26	1 43	24 54	1 8	14 6	0 26	18 12	1 13	15 5	2 10	20 46	0 40	22 13	0 54	24 30	17 11	23 11	23 9	25 13		n.a.
S 23	23 34	7 40	3 58	25 32	1 46	24 54	1 10	14 20	0 25	18 9	1 13	15 3	2 9	20 45	0 40	22 12	0 54	24 30	17 12	23 11	23 8	25 14		n.a.
S 24	23 37	12 32	3 7	25 35	1 48	24 53	1 11	14 34	0 25	18 6	1 13	15 1	2 9	20 44	0 40	22 12	0 54	24 31	17 12	23 11	23 8	25 14		n.a.
M25	23 40	16 51	2 9	25 35	1 50	24 52	1 13	14 47	0 24	18 3	1 13	14 59	2 9	20 43	0 40	22 12	0 54	24 31	17 12	23 11	23 8	25 15		n.a.
T 26	23 42	20 27	1 6	25 33	1 50	24 50	1 14	15 0	0 23	18 0	1 13	14 58	2 9	20 43	0 40	22 12	0 54	24 31	17 13	23 11	23 7	25 16		n.a.
W27	23 44	23 9	0 1	25 29	1 50	24 47	1 16	15 14	0 23	17 57	1 13	14 56	2 9	20 42	0 40	22 12	0 54	24 32	17 13	23 11	23 7	25 16		n.a.
T 28	23 45	24 50	1n 4	25 22	1 50	24 43	1 17	15 27	0 22	17 53	1 13	14 54	2 9	20 41	0 40	22 12	0 54	24 32	17 14	23 11	23 7	25 17		n.a.
F 29	23 46	25 24	2 6	25 13	1 49	24 39	1 18	15 39	0 21	17 50	1 12	14 52	2 9	20 40	0 40	22 12	0 54	24 33	17 14	23 11	23 7	25 17		n.a.
S 30	23n46	24n49	3n 3	25n 2	1n47	24n34	1n19	15n52	0s20	17n47	1n12	14n50	2n 8	20n40	0n40	22s11	0n54	24s33	17s14	23n11	23n 6	25n18		n.a.

Julian Day Number = 1487083.5, Delta T = 05h17m50s
Ecliptic obliquity = 23°46'23, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'04, Lahiri = -12°49'03 Julian Calendar 1 June 642 BCE == Greg. Calendar 25 May 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

JULY 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 6 5	0♋24'47	4♌44	13♋27	12♋59	14♉26	14♌57	26♌39	1♌56	16°R36	7°R58	17°R32	16♊42	5♋18	n.a.	S 1
M 2	18 10 2	1°22'13	16°42	15°16	14°13	15° 6	15° 8	26°44	2° 0	16♐35	7♓58	17♊30	16°39	5°25	n.a.	M 2
T 3	18 13 58	2°19'41	28°50	17° 4	15°26	15°46	15°19	26°49	2° 3	16°33	7°58	17°28	16°36	5°31	n.a.	T 3
W 4	18 17 55	3°17'09	11♍10	18°50	16°40	16°25	15°30	26°54	2° 7	16°32	7°57	17°27	16°33	5°38	n.a.	W 4
T 5	18 21 51	4°14'38	23°45	20°34	17°54	17° 4	15°41	26°59	2°10	16°30	7°57	17°26	16°30	5°45	n.a.	T 5
F 6	18 25 48	5°12'08	6♎41	22°17	19° 8	17°44	15°52	27° 5	2°13	16°28	7°56	17°D25	16°26	5°51	n.a.	F 6
S 7	18 29 44	6° 9'39	19°59	23°59	20°22	18°23	16° 4	27°10	2°17	16°27	7°56	17°26	16°23	5°58	n.a.	S 7
S 8	18 33 41	7° 7'11	3♏41	25°39	21°36	19° 2	16°15	27°16	2°20	16°25	7°56	17°27	16°20	6° 4	n.a.	S 8
M 9	18 37 37	8° 4'44	17°50	27°17	22°50	19°41	16°27	27°21	2°24	16°24	7°55	17°28	16°17	6°11	n.a.	M 9
T 10	18 41 34	9° 2'18	2♐23	28°54	24° 4	20°20	16°38	27°27	2°27	16°23	7°55	17°29	16°14	6°18	n.a.	T 10
W11	18 45 31	9°59'54	17°17	0♌29	25°18	20°59	16°50	27°32	2°31	16°21	7°54	17°R30	16°11	6°24	n.a.	W11
T 12	18 49 27	10°57'31	2♑25	2° 3	26°32	21°38	17° 1	27°38	2°34	16°20	7°53	17°29	16° 7	6°31	n.a.	T 12
F 13	18 53 24	11°55'09	17°39	3°35	27°46	22°17	17°13	27°44	2°38	16°18	7°53	17°27	16° 4	6°38	n.a.	F 13
S 14	18 57 20	12°52'49	2♒48	5° 6	29° 0	22°55	17°25	27°49	2°42	16°17	7°52	17°25	16° 1	6°44	n.a.	S 14
S 15	19 1 17	13°50'30	17°43	6°35	0♌14	23°34	17°37	27°55	2°45	16°15	7°52	17°21	15°58	6°51	n.a.	S 15
M16	19 5 13	14°48'13	2♓17	8° 3	1°28	24°13	17°48	28° 1	2°49	16°14	7°51	17°18	15°55	6°58	n.a.	M16
T 17	19 9 10	15°45'57	16°25	9°29	2°42	24°51	18° 0	28° 7	2°53	16°13	7°50	17°14	15°52	7° 4	n.a.	T 17
W18	19 13 7	16°43'44	0♈ 5	10°53	3°56	25°30	18°12	28°13	2°56	16°11	7°50	17°12	15°48	7°11	n.a.	W18
T 19	19 17 3	17°41'32	13°17	12°16	5°10	26° 8	18°24	28°19	3° 0	16°10	7°49	17°D11	15°45	7°18	n.a.	T 19
F 20	19 21 0	18°39'22	26° 4	13°37	6°24	26°46	18°36	28°25	3° 4	16° 9	7°48	17°11	15°42	7°24	n.a.	F 20
S 21	19 24 56	19°37'14	8♉31	14°57	7°38	27°24	18°48	28°31	3° 7	16° 7	7°48	17°12	15°39	7°31	n.a.	S 21
S 22	19 28 53	20°35'08	20°41	16°15	8°52	28° 2	19° 1	28°38	3°11	16° 6	7°47	17°14	15°36	7°38	n.a.	S 22
M23	19 32 49	21°33'04	2♊40	17°31	10° 6	28°40	19°13	28°44	3°15	16° 5	7°46	17°15	15°32	7°44	n.a.	M23
T 24	19 36 46	22°31'02	14°31	18°45	11°20	29°18	19°25	28°50	3°18	16° 4	7°46	17°R16	15°29	7°51	n.a.	T 24
W25	19 40 42	23°29'01	26°18	19°57	12°34	29°56	19°37	28°57	3°22	16° 2	7°45	17°16	15°26	7°58	n.a.	W25
T 26	19 44 39	24°27'03	8♋ 5	21° 7	13°47	0♊34	19°50	29° 3	3°26	16° 1	7°44	17°14	15°23	8° 4	n.a.	T 26
F 27	19 48 36	25°25'06	19°55	22°15	15° 1	1°12	20° 2	29° 9	3°30	16° 0	7°43	17°10	15°20	8°11	n.a.	F 27
S 28	19 52 32	26°23'12	1♌48	23°21	16°15	1°49	20°14	29°16	3°33	15°59	7°42	17° 4	15°17	8°18	n.a.	S 28
S 29	19 56 29	27°21'19	13°48	24°25	17°29	2°27	20°27	29°22	3°37	15°58	7°41	16°57	15°13	8°24	n.a.	S 29
M30	20 0 25	28°19'27	25°56	25°26	18°43	3° 4	20°39	29°29	3°41	15°57	7°41	16°50	15°10	8°31	n.a.	M30
T 31	20 4 22	29♋17'38	8♍13	26♌25	19♌57	3♊41	20♌52	29♌35	3♌45	15♐56	7♓40	16♊42	15♊ 7	8♋38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n46	23n 6	3n52	24n49	1n45	24n28	1n20	16n 5	0s20	17n44	1n12	14n49	2n 8	20n39	0n40	22s11	0n54	24s34	17s15	23n11	23n 6	25n18			n.a.
M 2	23 46	20 22	4 32	24 35	1 42	24 21	1 21	16 17	0 19	17 40	1 12	14 47	2 8	20 38	0 40	22 11	0 54	24 34	17 15	23 11	23 6	25 19			n.a.
T 3	23 45	16 43	5 0	24 18	1 39	24 14	1 22	16 30	0 18	17 37	1 12	14 45	2 8	20 37	0 40	22 11	0 54	24 35	17 15	23 10	23 5	25 20			n.a.
W 4	23 44	12 18	5 14	24 0	1 35	24 5	1 23	16 42	0 18	17 33	1 12	14 43	2 8	20 37	0 40	22 11	0 54	24 35	17 16	23 10	23 5	25 20			n.a.
T 5	23 42	7 18	5 14	23 40	1 31	23 57	1 24	16 54	0 17	17 30	1 12	14 41	2 8	20 36	0 40	22 11	0 54	24 35	17 16	23 10	23 5	25 21			n.a.
F 6	23 40	1 52	4 59	23 19	1 26	23 47	1 25	17 6	0 16	17 26	1 12	14 39	2 8	20 35	0 40	22 11	0 54	24 36	17 16	23 10	23 4	25 21			n.a.
S 7	23 38	3s48	4 27	22 57	1 21	23 37	1 26	17 17	0 16	17 23	1 12	14 37	2 8	20 34	0 40	22 10	0 54	24 36	17 17	23 10	23 4	25 22			n.a.
S 8	23 35	9 30	3 39	22 33	1 16	23 26	1 26	17 29	0 15	17 19	1 12	14 35	2 7	20 33	0 40	22 10	0 54	24 37	17 17	23 10	23 4	25 22			n.a.
M 9	23 31	14 53	2 37	22 9	1 10	23 14	1 27	17 41	0 14	17 16	1 12	14 33	2 7	20 33	0 40	22 10	0 54	24 37	17 17	23 10	23 3	25 23			n.a.
T 10	23 28	19 35	1 22	21 43	1 4	23 2	1 27	17 52	0 13	17 12	1 12	14 31	2 7	20 32	0 40	22 10	0 54	24 38	17 18	23 10	23 3	25 23			n.a.
W11	23 23	23 8	0 1	21 16	0 58	22 49	1 28	18 3	0 13	17 9	1 11	14 29	2 7	20 31	0 40	22 10	0 54	24 38	17 18	23 11	23 3	25 24			n.a.
T 12	23 19	25 6	1s21	20 49	0 51	22 35	1 28	18 14	0 12	17 5	1 11	14 27	2 7	20 30	0 40	22 10	0 54	24 39	17 18	23 10	23 2	25 24			n.a.
F 13	23 14	25 13	2 38	20 20	0 44	22 21	1 29	18 25	0 11	17 1	1 11	14 25	2 7	20 29	0 40	22 10	0 54	24 39	17 19	23 10	23 2	25 25			n.a.
S 14	23 8	23 26	3 44	19 51	0 37	22 6	1 29	18 36	0 10	16 58	1 11	14 22	2 7	20 28	0 40	22 10	0 54	24 40	17 19	23 10	23 2	25 25			n.a.
S 15	23 3	20 3	4 33	19 21	0 29	21 50	1 29	18 46	0 10	16 54	1 11	14 20	2 7	20 28	0 40	22 9	0 54	24 40	17 19	23 10	23 1	25 26			n.a.
M16	22 56	15 30	5 3	18 51	0 21	21 34	1 29	18 57	0 9	16 50	1 11	14 18	2 7	20 27	0 40	22 9	0 54	24 41	17 19	23 9	23 1	25 26			n.a.
T 17	22 50	10 14	5 14	18 20	0 13	21 17	1 29	19 7	0 8	16 46	1 11	14 16	2 6	20 26	0 40	22 9	0 54	24 42	17 20	23 9	23 1	25 27			n.a.
W18	22 43	4 38	5 6	17 49	0 5	20 59	1 29	19 17	0 7	16 43	1 11	14 14	2 6	20 25	0 40	22 9	0 54	24 42	17 20	23 9	23 0	25 27			n.a.
T 19	22 35	0n59	4 42	17 18	0s 3	20 41	1 29	19 27	0 7	16 39	1 11	14 12	2 6	20 24	0 40	22 9	0 54	24 43	17 20	23 9	23 0	25 28			n.a.
F 20	22 27	6 25	4 5	16 46	0 12	20 22	1 29	19 37	0 6	16 35	1 11	14 9	2 6	20 23	0 40	22 9	0 54	24 43	17 21	23 9	23 0	25 28			n.a.
S 21	22 19	11 26	3 16	16 15	0 21	20 3	1 29	19 46	0 5	16 31	1 11	14 7	2 6	20 22	0 40	22 9	0 54	24 44	17 21	23 9	22 59	25 28			n.a.
S 22	22 10	15 55	2 20	15 43	0 30	19 43	1 29	19 56	0 4	16 27	1 11	14 5	2 6	20 22	0 40	22 9	0 54	24 44	17 21	23 9	22 59	25 29			n.a.
M23	22 1	19 41	1 19	15 11	0 39	19 23	1 28	20 5	0 3	16 23	1 11	14 2	2 6	20 21	0 40	22 9	0 54	24 45	17 22	23 9	22 59	25 29			n.a.
T 24	21 52	22 37	0 15	14 39	0 49	19 2	1 28	20 14	0 3	16 19	1 11	14 0	2 6	20 20	0 40	22 9	0 54	24 45	17 22	23 9	22 58	25 30			n.a.
W25	21 42	24 32	0n49	14 7	0 58	18 40	1 27	20 23	0 2	16 15	1 11	13 58	2 6	20 19	0 40	22 8	0 54	24 46	17 22	23 9	22 58	25 30			n.a.
T 26	21 32	25 22	1 51	13 36	1 7	18 18	1 27	20 32	0 1	16 11	1 11	13 56	2 6	20 18	0 40	22 8	0 54	24 46	17 22	23 9	22 58	25 31			n.a.
F 27	21 21	25 3	2 48	13 4	1 17	17 56	1 26	20 41	0 0	16 7	1 11	13 53	2 6	20 17	0 40	22 8	0 54	24 47	17 23	23 9	22 57	25 31			n.a.
S 28	21 10	23 35	3 38	12 34	1 27	17 33	1 26	20 49	0n 1	16 3	1 11	13 51	2 6	20 16	0 40	22 8	0 54	24 47	17 23	23 8	22 57	25 31			n.a.
S 29	20 59	21 3	4 19	12 3	1 36	17 9	1 25	20 58	0 2	15 59	1 10	13 48	2 6	20 15	0 40	22 8	0 54	24 48	17 23	23 7	22 56	25 32			n.a.
M30	20 47	17 34	4 49	11 33	1 46	16 45	1 24	21 6	0 2	15 55	1 10	13 46	2 5	20 14	0 40	22 8	0 54	24 49	17 23	23 7	22 56	25 32			n.a.
T 31	20n35	13n19	5n 5	11n 4	1s56	16n21	1n23	21n14	0n 3	15n51	1n10	13n44	2n 5	20n14	0n40	22s 8	0n53	24s49	17s24	23n 6	22n56	25n32			n.a.

Julian Day Number = 1487113.5, Delta T = 05h17m48s
Ecliptic obliquity = 23°46'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°56'00, Lahiri = -12°48'59 Julian Calendar 1 July 642 BCE == Greg. Calendar 24 June 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

AUGUST 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 8 18	0♌15'50	20♍41	27♌21	21♌11	4♊19	21♌ 5	29♌42	3♌48	15°R55	7°R39	16°R36	15♊ 4	8♋44	n.a.	W 1
T 2	20 12 15	1°14'03	3♎22	28°14	22°25	4°56	21°17	29°49	3°52	15♐54	7♓38	16♊30	15° 1	8°51	n.a.	T 2
F 3	20 16 11	2°12'19	16°18	29° 4	23°39	5°33	21°30	29°55	3°56	15°53	7°37	16°27	14°58	8°58	n.a.	F 3
S 4	20 20 8	3°10'36	29°32	29°50	24°53	6°10	21°42	0♍ 2	4° 0	15°52	7°36	16°D26	14°54	9° 4	n.a.	S 4
S 5	20 24 4	4° 8'54	13♏ 6	0♍33	26° 7	6°47	21°55	0° 9	4° 3	15°51	7°35	16°26	14°51	9°11	n.a.	S 5
M 6	20 28 1	5° 7'15	27° 2	1°13	27°21	7°23	22° 8	0°16	4° 7	15°50	7°34	16°27	14°48	9°18	n.a.	M 6
T 7	20 31 58	6° 5'37	11♐20	1°48	28°35	8° 0	22°21	0°22	4°11	15°49	7°33	16°R28	14°45	9°24	n.a.	T 7
W 8	20 35 54	7° 4'00	25°58	2°19	29°49	8°37	22°33	0°29	4°15	15°48	7°32	16°28	14°42	9°31	n.a.	W 8
T 9	20 39 51	8° 2'26	10♑53	2°46	1♍ 2	9°13	22°46	0°36	4°19	15°47	7°31	16°26	14°38	9°38	n.a.	T 9
F 10	20 43 47	9° 0'54	25°57	3° 7	2°16	9°50	22°59	0°43	4°22	15°46	7°30	16°21	14°35	9°44	n.a.	F 10
S 11	20 47 44	9°59'23	11♒ 3	3°23	3°30	10°26	23°12	0°50	4°26	15°45	7°29	16°15	14°32	9°51	n.a.	S 11
S 12	20 51 40	10°57'54	25°59	3°34	4°44	11° 2	23°25	0°57	4°30	15°45	7°28	16° 7	14°29	9°57	n.a.	S 12
M13	20 55 37	11°56'28	10♓37	3°R39	5°58	11°38	23°38	1° 4	4°34	15°44	7°27	15°58	14°26	10° 4	n.a.	M13
T 14	20 59 33	12°55'03	24°51	3°37	7°12	12°14	23°51	1°11	4°37	15°43	7°26	15°50	14°23	10°11	n.a.	T 14
W15	21 3 30	13°53'41	8♈37	3°29	8°26	12°50	24° 4	1°18	4°41	15°43	7°25	15°43	14°19	10°17	n.a.	W15
T 16	21 7 27	14°52'21	21°54	3°14	9°39	13°26	24°17	1°25	4°45	15°42	7°24	15°38	14°16	10°24	n.a.	T 16
F 17	21 11 23	15°51'03	4♉44	2°52	10°53	14° 2	24°30	1°32	4°49	15°41	7°23	15°36	14°13	10°31	n.a.	F 17
S 18	21 15 20	16°49'48	17°12	2°23	12° 7	14°37	24°42	1°39	4°52	15°41	7°22	15°D35	14°10	10°37	n.a.	S 18
S 19	21 19 16	17°48'36	29°21	1°47	13°21	15°13	24°56	1°46	4°56	15°40	7°21	15°36	14° 7	10°44	n.a.	S 19
M20	21 23 13	18°47'25	11♊18	1° 4	14°34	15°48	25° 9	1°53	5° 0	15°40	7°20	15°R36	14° 4	10°51	n.a.	M20
T 21	21 27 9	19°46'18	23° 7	0°15	15°48	16°24	25°22	2° 0	5° 3	15°39	7°19	15°36	14° 0	10°57	n.a.	T 21
W22	21 31 6	20°45'12	4♋54	29♌19	17° 2	16°59	25°35	2° 8	5° 7	15°39	7°18	15°34	13°57	11° 4	n.a.	W22
T 23	21 35 2	21°44'09	16°42	28°19	18°16	17°34	25°48	2°15	5°11	15°38	7°16	15°30	13°54	11°11	n.a.	T 23
F 24	21 38 59	22°43'08	28°36	27°15	19°29	18° 9	26° 1	2°22	5°14	15°38	7°15	15°22	13°51	11°17	n.a.	F 24
S 25	21 42 56	23°42'09	10♌38	26° 9	20°43	18°44	26°14	2°29	5°18	15°38	7°14	15°13	13°48	11°24	n.a.	S 25
S 26	21 46 52	24°41'13	22°48	25° 2	21°57	19°19	26°27	2°36	5°22	15°37	7°13	15° 1	13°44	11°31	n.a.	S 26
M27	21 50 49	25°40'18	5♍10	23°55	23°11	19°53	26°40	2°44	5°25	15°37	7°12	14°48	13°41	11°37	n.a.	M27
T 28	21 54 45	26°39'26	17°42	22°51	24°24	20°28	26°53	2°51	5°29	15°37	7°11	14°36	13°38	11°44	n.a.	T 28
W29	21 58 42	27°38'36	0♎26	21°51	25°38	21° 2	27° 6	2°58	5°32	15°36	7°10	14°24	13°35	11°51	n.a.	W29
T 30	22 2 38	28°37'48	13°21	20°57	26°52	21°37	27°19	3° 5	5°36	15°36	7° 8	14°15	13°32	11°57	n.a.	T 30
F 31	22 6 35	29♌37'01	26♎28	20♌10	28♍ 5	22♊11	27♌32	3♍13	5♌40	15♐36	7♓ 7	14♊ 8	13♊29	12♋ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20n23	8n27	5n 8	10n36	2s 6	15n56	1n22	21n22	0n 4	15n47	1n10	13n41	2n 5	20n13	0n40	22s 8	0n53	24s50	17s24	23n 5	22n55	25n33			n.a.
T 2	20 10	3 9	4 56	10 8	2 15	15 31	1 21	21 30	0 5	15 43	1 10	13 39	2 5	20 12	0 40	22 8	0 53	24 50	17 24	23 5	22 55	25 33			n.a.
F 3	19 57	2s23	4 28	9 42	2 25	15 5	1 20	21 37	0 6	15 39	1 10	13 36	2 5	20 11	0 40	22 8	0 53	24 51	17 24	23 4	22 55	25 33			n.a.
S 4	19 43	7 57	3 46	9 17	2 35	14 39	1 19	21 45	0 7	15 34	1 10	13 34	2 5	20 10	0 40	22 8	0 53	24 51	17 24	23 4	22 54	25 34			n.a.
S 5	19 29	13 17	2 50	8 53	2 44	14 12	1 18	21 52	0 7	15 30	1 10	13 31	2 5	20 9	0 40	22 8	0 53	24 52	17 25	23 4	22 54	25 34			n.a.
M 6	19 15	18 6	1 43	8 30	2 53	13 45	1 16	21 59	0 8	15 26	1 10	13 29	2 5	20 8	0 40	22 7	0 53	24 53	17 25	23 4	22 54	25 34			n.a.
T 7	19 1	22 0	0 28	8 9	3 2	13 18	1 15	22 6	0 9	15 22	1 10	13 26	2 5	20 7	0 40	22 7	0 53	24 53	17 25	23 4	22 53	25 35			n.a.
W 8	18 46	24 34	0s51	7 50	3 11	12 51	1 14	22 13	0 10	15 18	1 10	13 24	2 5	20 6	0 40	22 7	0 53	24 54	17 25	23 4	22 53	25 35			n.a.
T 9	18 31	25 26	2 8	7 33	3 19	12 23	1 12	22 19	0 11	15 13	1 10	13 21	2 5	20 5	0 40	22 7	0 53	24 54	17 25	23 4	22 52	25 35			n.a.
F 10	18 15	24 27	3 16	7 18	3 27	11 54	1 11	22 26	0 12	15 9	1 10	13 19	2 5	20 5	0 40	22 7	0 53	24 55	17 26	23 4	22 52	25 36			n.a.
S 11	17 59	21 42	4 10	7 5	3 34	11 26	1 9	22 32	0 13	15 5	1 10	13 16	2 5	20 4	0 40	22 7	0 53	24 55	17 26	23 3	22 52	25 36			n.a.
S 12	17 43	17 31	4 47	6 55	3 40	10 57	1 7	22 38	0 14	15 0	1 10	13 14	2 5	20 3	0 40	22 7	0 53	24 56	17 26	23 2	22 51	25 36			n.a.
M13	17 27	12 22	5 4	6 48	3 46	10 28	1 6	22 44	0 14	14 56	1 10	13 11	2 5	20 2	0 40	22 7	0 53	24 56	17 26	23 1	22 51	25 37			n.a.
T 14	17 10	6 41	5 2	6 44	3 51	9 58	1 4	22 50	0 15	14 52	1 10	13 9	2 5	20 1	0 40	22 7	0 53	24 57	17 26	23 0	22 51	25 37			n.a.
W15	16 53	0 51	4 42	6 43	3 56	9 29	1 2	22 55	0 16	14 47	1 10	13 6	2 5	20 0	0 40	22 7	0 53	24 58	17 27	23 0	22 50	25 37			n.a.
T 16	16 36	4n50	4 7	6 45	3 59	8 59	1 0	23 1	0 17	14 43	1 10	13 4	2 5	19 59	0 40	22 7	0 53	24 58	17 27	22 59	22 50	25 37			n.a.
F 17	16 18	10 8	3 21	6 52	4 0	8 29	0 58	23 6	0 18	14 39	1 10	13 1	2 5	19 58	0 40	22 7	0 53	24 59	17 27	22 59	22 50	25 38			n.a.
S 18	16 1	14 52	2 26	7 2	4 1	7 58	0 56	23 11	0 19	14 34	1 10	12 58	2 5	19 57	0 40	22 7	0 53	24 59	17 27	22 59	22 49	25 38			n.a.
S 19	15 42	18 54	1 26	7 16	3 59	7 28	0 54	23 16	0 20	14 30	1 10	12 56	2 5	19 56	0 40	22 7	0 53	25 0	17 27	22 59	22 49	25 38			n.a.
M20	15 24	22 4	0 23	7 34	3 56	6 57	0 52	23 21	0 21	14 25	1 10	12 53	2 5	19 56	0 40	22 7	0 53	25 0	17 27	22 59	22 48	25 38			n.a.
T 21	15 5	24 16	0n40	7 56	3 52	6 26	0 50	23 26	0 22	14 21	1 10	12 51	2 5	19 55	0 40	22 7	0 53	25 1	17 27	22 59	22 48	25 39			n.a.
W22	14 47	25 22	1 41	8 22	3 45	5 55	0 47	23 30	0 23	14 16	1 10	12 48	2 5	19 54	0 40	22 7	0 53	25 1	17 27	22 59	22 48	25 39			n.a.
T 23	14 27	25 19	2 38	8 51	3 36	5 24	0 45	23 35	0 24	14 12	1 10	12 45	2 5	19 53	0 40	22 7	0 53	25 2	17 28	22 58	22 47	25 39			n.a.
F 24	14 8	24 7	3 28	9 23	3 25	4 52	0 43	23 39	0 25	14 7	1 10	12 43	2 5	19 52	0 40	22 7	0 53	25 3	17 28	22 57	22 47	25 39			n.a.
S 25	13 48	21 48	4 9	9 57	3 13	4 21	0 40	23 43	0 26	14 3	1 10	12 40	2 5	19 51	0 40	22 7	0 53	25 3	17 28	22 56	22 46	25 39			n.a.
S 26	13 29	18 30	4 39	10 34	2 58	3 49	0 38	23 47	0 27	13 59	1 10	12 38	2 5	19 50	0 40	22 7	0 53	25 4	17 28	22 55	22 46	25 40			n.a.
M27	13 8	14 20	4 57	11 11	2 42	3 17	0 35	23 51	0 28	13 54	1 10	12 35	2 5	19 49	0 40	22 7	0 52	25 4	17 28	22 54	22 46	25 40			n.a.
T 28	12 48	9 32	5 1	11 49	2 24	2 45	0 33	23 54	0 29	13 49	1 10	12 32	2 5	19 48	0 40	22 7	0 52	25 5	17 28	22 52	22 45	25 40			n.a.
W29	12 28	4 15	4 50	12 27	2 5	2 13	0 30	23 58	0 30	13 45	1 10	12 30	2 5	19 48	0 40	22 7	0 52	25 5	17 28	22 51	22 45	25 40			n.a.
T 30	12 7	1s18	4 24	13 2	1 46	1 41	0 28	24 1	0 31	13 40	1 11	12 27	2 5	19 47	0 40	22 7	0 52	25 6	17 28	22 50	22 45	25 40			n.a.
F 31	11n46	6s53	3n44	13n36	1s26	1n 9	0n25	24n 4	0n32	13n36	1n11	12n24	2n 5	19n46	0n40	22s 7	0n52	25s 6	17s28	22n49	22n44	25n40			n.a.

Julian Day Number = 1487144.5, Delta T = 05h17m47s
Ecliptic obliquity = 23°46'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'55, Lahiri = -12°48'55 Julian Calendar 1 Aug. 642 BCE == Greg. Calendar 25 July 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

SEPTEMBER 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 10 31	0♍36'17	9♏47	19°R32	29♍19	22♊45	27♌45	3♍20	5♌43	15°R36	7°R 6	14°R 4	13♊25	12♋11	n.a.	S 1
S 2	22 14 28	1°35'35	23°21	19♌ 4	0♎32	23°19	27°58	3°27	5°47	15♐36	7♓ 5	14♊ 3	13°22	12°17	n.a.	S 2
M 3	22 18 24	2°34'54	7♐ 9	18°46	1°46	23°52	28°11	3°34	5°50	15°36	7° 4	14° 3	13°19	12°24	n.a.	M 3
T 4	22 22 21	3°34'16	21°13	18°D38	3° 0	24°26	28°24	3°42	5°54	15°36	7° 3	14° 2	13°16	12°31	n.a.	T 4
W 5	22 26 18	4°33'39	5♑33	18°42	4°13	25° 0	28°38	3°49	5°57	15°D36	7° 1	14° 1	13°13	12°37	n.a.	W 5
T 6	22 30 14	5°33'04	20° 6	18°55	5°27	25°33	28°51	3°56	6° 0	15°36	7° 0	13°58	13°10	12°44	n.a.	T 6
F 7	22 34 11	6°32'32	4♒49	19°20	6°40	26° 6	29° 4	4° 3	6° 4	15°36	6°59	13°51	13° 6	12°51	n.a.	F 7
S 8	22 38 7	7°32'01	19°34	19°53	7°54	26°39	29°17	4°11	6° 7	15°36	6°58	13°42	13° 3	12°57	n.a.	S 8
S 9	22 42 4	8°31'32	4♓16	20°36	9° 7	27°12	29°30	4°18	6°11	15°36	6°57	13°31	13° 0	13° 4	n.a.	S 9
M10	22 46 0	9°31'05	18°44	21°27	10°21	27°45	29°43	4°25	6°14	15°36	6°55	13°19	12°57	13°11	n.a.	M10
T 11	22 49 57	10°30'40	2♈53	22°26	11°34	28°18	29°56	4°32	6°17	15°36	6°54	13° 7	12°54	13°17	n.a.	T 11
W12	22 53 53	11°30'18	16°37	23°31	12°47	28°50	0♍ 9	4°39	6°20	15°37	6°53	12°57	12°50	13°24	n.a.	W12
T 13	22 57 50	12°29'58	29°56	24°43	14° 1	29°23	0°21	4°47	6°24	15°37	6°52	12°50	12°47	13°31	n.a.	T 13
F 14	23 1 47	13°29'40	12♉48	26° 0	15°14	29°55	0°34	4°54	6°27	15°37	6°51	12°45	12°44	13°37	n.a.	F 14
S 15	23 5 43	14°29'24	25°18	27°21	16°27	0♋27	0°47	5° 1	6°30	15°37	6°50	12°42	12°41	13°44	n.a.	S 15
S 16	23 9 40	15°29'11	7♊29	28°46	17°41	0°59	1° 0	5° 8	6°33	15°38	6°48	12°42	12°38	13°51	n.a.	S 16
M17	23 13 36	16°29'01	19°27	0♍14	18°54	1°31	1°13	5°15	6°36	15°38	6°47	12°42	12°35	13°57	n.a.	M17
T 18	23 17 33	17°28'53	1♋17	1°46	20° 7	2° 3	1°26	5°23	6°39	15°39	6°46	12°41	12°31	14° 4	n.a.	T 18
W19	23 21 29	18°28'47	13° 5	3°19	21°21	2°34	1°39	5°30	6°43	15°39	6°45	12°39	12°28	14°11	n.a.	W19
T 20	23 25 26	19°28'43	24°56	4°54	22°34	3° 6	1°52	5°37	6°46	15°40	6°44	12°35	12°25	14°17	n.a.	T 20
F 21	23 29 22	20°28'42	6♌54	6°31	23°47	3°37	2° 4	5°44	6°49	15°40	6°43	12°27	12°22	14°24	n.a.	F 21
S 22	23 33 19	21°28'43	19° 3	8° 8	25° 0	4° 8	2°17	5°51	6°52	15°41	6°42	12°17	12°19	14°31	n.a.	S 22
S 23	23 37 15	22°28'46	1♍25	9°47	26°13	4°39	2°30	5°58	6°54	15°41	6°40	12° 5	12°15	14°37	n.a.	S 23
M24	23 41 12	23°28'51	14° 1	11°26	27°26	5° 9	2°42	6° 5	6°57	15°42	6°39	11°52	12°12	14°44	n.a.	M24
T 25	23 45 9	24°28'58	26°52	13° 6	28°40	5°40	2°55	6°12	7° 0	15°43	6°38	11°38	12° 9	14°51	n.a.	T 25
W26	23 49 5	25°29'07	9♎57	14°46	29°53	6°10	3° 8	6°19	7° 3	15°43	6°37	11°26	12° 6	14°57	n.a.	W26
T 27	23 53 2	26°29'18	23°13	16°26	1♏ 6	6°40	3°20	6°26	7° 6	15°44	6°36	11°16	12° 3	15° 4	n.a.	T 27
F 28	23 56 58	27°29'31	6♏41	18° 6	2°19	7°10	3°33	6°33	7° 9	15°45	6°35	11° 9	12° 0	15°11	n.a.	F 28
S 29	0 0 55	28°29'46	20°18	19°46	3°32	7°39	3°45	6°40	7°11	15°46	6°34	11° 5	11°56	15°17	n.a.	S 29
S 30	0 4 51	29♍30'02	4♐ 3	21♍26	4♏45	8♋ 9	3♍58	6♍47	7♌14	15♐46	6♓33	11♊ 3	11♊53	15♋24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n25	12s15	2n51	14n 7	1s 6	0n37	0n22	24n 7	0n33	13n31	1n11	12n22	2n 5	19n45	0n40	22s 7	0n52	25s 7	17s28	22n48	22n44	25n41		n.a.
S 2	11 3	17 8	1 47	14 35	0 46	0 5	0 20	24 10	0 34	13 27	1 11	12 19	2 5	19 44	0 40	22 7	0 52	25 7	17 28	22 48	22 43	25 41		n.a.
M 3	10 42	21 12	0 36	14 59	0 27	0s27	0 17	24 13	0 35	13 22	1 11	12 16	2 5	19 43	0 40	22 7	0 52	25 8	17 28	22 48	22 43	25 41		n.a.
T 4	10 20	24 6	0s38	15 19	0 8	0 59	0 14	24 15	0 36	13 18	1 11	12 14	2 5	19 42	0 40	22 7	0 52	25 8	17 28	22 48	22 43	25 41		n.a.
W 5	9 58	25 30	1 51	15 35	0n 9	1 32	0 11	24 18	0 37	13 13	1 11	12 11	2 5	19 42	0 40	22 7	0 52	25 9	17 28	22 48	22 42	25 41		n.a.
T 6	9 36	25 11	2 58	15 46	0 25	2 4	0 8	24 20	0 38	13 9	1 11	12 8	2 5	19 41	0 40	22 7	0 52	25 9	17 28	22 48	22 42	25 41		n.a.
F 7	9 14	23 7	3 54	15 52	0 40	2 36	0 6	24 22	0 39	13 4	1 11	12 6	2 5	19 40	0 40	22 7	0 52	25 10	17 28	22 47	22 41	25 41		n.a.
S 8	8 52	19 29	4 35	15 55	0 54	3 8	0 3	24 24	0 40	12 59	1 11	12 3	2 5	19 39	0 40	22 7	0 52	25 10	17 28	22 46	22 41	25 41		n.a.
S 9	8 29	14 40	4 56	15 52	1 7	3 40	0s 0	24 26	0 41	12 55	1 11	12 1	2 5	19 38	0 40	22 7	0 52	25 10	17 28	22 44	22 41	25 42		n.a.
M10	8 7	9 5	4 59	15 46	1 17	4 12	0 3	24 28	0 42	12 50	1 11	11 58	2 5	19 37	0 40	22 7	0 52	25 11	17 28	22 43	22 40	25 42		n.a.
T 11	7 44	3 9	4 43	15 36	1 27	4 44	0 6	24 29	0 44	12 46	1 11	11 55	2 5	19 37	0 40	22 7	0 52	25 11	17 28	22 41	22 40	25 42		n.a.
W12	7 21	2n46	4 11	15 22	1 35	5 16	0 9	24 31	0 45	12 41	1 11	11 53	2 5	19 36	0 40	22 8	0 52	25 12	17 28	22 40	22 39	25 42		n.a.
T 13	6 58	8 24	3 26	15 4	1 42	5 47	0 12	24 32	0 46	12 37	1 11	11 50	2 6	19 35	0 40	22 8	0 52	25 12	17 28	22 39	22 39	25 42		n.a.
F 14	6 35	13 30	2 31	14 43	1 48	6 19	0 15	24 33	0 47	12 32	1 11	11 47	2 6	19 34	0 40	22 8	0 52	25 13	17 28	22 39	22 38	25 42		n.a.
S 15	6 11	17 53	1 31	14 19	1 53	6 50	0 18	24 34	0 48	12 27	1 11	11 45	2 6	19 33	0 40	22 8	0 52	25 13	17 28	22 38	22 38	25 42		n.a.
S 16	5 48	21 25	0 28	13 52	1 56	7 22	0 21	24 35	0 49	12 23	1 11	11 42	2 6	19 33	0 40	22 8	0 52	25 13	17 28	22 38	22 38	25 42		n.a.
M17	5 24	23 56	0n36	13 23	1 58	7 53	0 24	24 36	0 50	12 18	1 12	11 40	2 6	19 32	0 40	22 8	0 52	25 14	17 28	22 38	22 37	25 42		n.a.
T 18	5 1	25 23	1 37	12 52	2 0	8 24	0 27	24 37	0 52	12 14	1 12	11 37	2 6	19 31	0 40	22 8	0 52	25 14	17 28	22 38	22 37	25 42		n.a.
W19	4 37	25 40	2 33	12 18	2 1	8 54	0 30	24 38	0 53	12 9	1 12	11 34	2 6	19 30	0 40	22 8	0 52	25 15	17 28	22 38	22 36	25 42		n.a.
T 20	4 13	24 47	3 24	11 43	2 1	9 25	0 34	24 38	0 54	12 5	1 12	11 32	2 6	19 30	0 40	22 8	0 52	25 15	17 28	22 37	22 36	25 42		n.a.
F 21	3 49	22 45	4 5	11 6	2 0	9 55	0 37	24 39	0 55	12 0	1 12	11 29	2 6	19 29	0 40	22 8	0 51	25 15	17 28	22 36	22 36	25 42		n.a.
S 22	3 25	19 41	4 37	10 27	1 58	10 25	0 40	24 39	0 56	11 55	1 12	11 27	2 6	19 28	0 40	22 8	0 51	25 16	17 28	22 35	22 35	25 42		n.a.
S 23	3 1	15 42	4 55	9 48	1 56	10 55	0 43	24 39	0 58	11 51	1 12	11 24	2 6	19 27	0 41	22 8	0 51	25 16	17 28	22 33	22 35	25 42		n.a.
M24	2 37	10 58	5 0	9 7	1 54	11 25	0 46	24 39	0 59	11 46	1 12	11 21	2 6	19 27	0 41	22 9	0 51	25 16	17 27	22 32	22 34	25 42		n.a.
T 25	2 13	5 41	4 50	8 26	1 51	11 54	0 49	24 39	1 0	11 42	1 12	11 19	2 6	19 26	0 41	22 9	0 51	25 17	17 27	22 30	22 34	25 42		n.a.
W26	1 49	0 3	4 25	7 43	1 47	12 24	0 52	24 39	1 1	11 37	1 12	11 16	2 7	19 25	0 41	22 9	0 51	25 17	17 27	22 28	22 33	25 42		n.a.
T 27	1 25	5s41	3 45	7 0	1 43	12 52	0 55	24 39	1 3	11 33	1 12	11 14	2 7	19 25	0 41	22 9	0 51	25 17	17 27	22 27	22 33	25 42		n.a.
F 28	1 1	11 14	2 51	6 17	1 39	13 21	0 58	24 38	1 4	11 28	1 13	11 11	2 7	19 24	0 41	22 9	0 51	25 18	17 27	22 26	22 33	25 42		n.a.
S 29	0 36	16 20	1 48	5 33	1 34	13 49	1 1	24 38	1 5	11 24	1 13	11 9	2 7	19 23	0 41	22 9	0 51	25 18	17 27	22 25	22 32	25 42		n.a.
S 30	0n12	20s39	0n37	4n48	1n29	14s17	1s 4	24n37	1n 6	11n19	1n13	11n 6	2n 7	19n23	0n41	22s 9	0n51	25s18	17s27	22n25	22n32	25n42		n.a.

Julian Day Number = 1487175.5, Delta T = 05h17m45s
Ecliptic obliquity = 23°46'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'51, Lahiri = -12°48'51 Julian Calendar 1 Sept. 642 BCE == Greg. Calendar 25 Aug. 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

OCTOBER 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 8 48	0♎30'20	17♐55	23♍ 5	5♏58	8♋38	4♍10	6♍54	7♌17	15♐47	6°R32	11°D 3	11♊50	15♋31	n.a.	M 1
T 2	0 12 44	1°30'39	1♑56	24°45	7°11	9° 7	4°22	7° 1	7°19	15°48	6♓31	11°R 3	11°47	15°37	n.a.	T 2
W 3	0 16 41	2°31'01	16° 4	26°24	8°24	9°36	4°35	7° 8	7°22	15°49	6°30	11♊ 3	11°44	15°44	n.a.	W 3
T 4	0 20 38	3°31'23	0♒18	28° 3	9°36	10° 5	4°47	7°14	7°24	15°50	6°29	11° 0	11°41	15°51	n.a.	T 4
F 5	0 24 34	4°31'47	14°36	29°41	10°49	10°33	4°59	7°21	7°27	15°51	6°28	10°55	11°37	15°57	n.a.	F 5
S 6	0 28 31	5°32'13	28°55	1♎19	12° 2	11° 1	5°11	7°28	7°29	15°52	6°27	10°47	11°34	16° 4	n.a.	S 6
S 7	0 32 27	6°32'40	13♓ 9	2°57	13°15	11°29	5°23	7°34	7°32	15°53	6°26	10°37	11°31	16°11	n.a.	S 7
M 8	0 36 24	7°33'09	27°14	4°35	14°27	11°57	5°35	7°41	7°34	15°54	6°25	10°26	11°28	16°17	n.a.	M 8
T 9	0 40 20	8°33'39	11♈ 4	6°12	15°40	12°25	5°47	7°48	7°36	15°55	6°24	10°16	11°25	16°24	n.a.	T 9
W10	0 44 17	9°34'11	24°36	7°49	16°53	12°52	5°59	7°54	7°38	15°56	6°23	10° 7	11°21	16°31	n.a.	W10
T 11	0 48 13	10°34'45	7♉46	9°25	18° 5	13°19	6°11	8° 1	7°41	15°58	6°22	10° 0	11°18	16°37	n.a.	T 11
F 12	0 52 10	11°35'21	20°35	11° 1	19°18	13°46	6°23	8° 7	7°43	15°59	6°21	9°55	11°15	16°44	n.a.	F 12
S 13	0 56 6	12°35'58	3♊ 4	12°37	20°30	14°12	6°35	8°14	7°45	16° 0	6°20	9°53	11°12	16°51	n.a.	S 13
S 14	1 0 3	13°36'37	15°16	14°13	21°43	14°39	6°47	8°20	7°47	16° 1	6°19	9°D53	11° 9	16°57	n.a.	S 14
M15	1 4 0	14°37'19	27°16	15°48	22°55	15° 5	6°58	8°26	7°49	16° 3	6°18	9°54	11° 6	17° 4	n.a.	M15
T 16	1 7 56	15°38'02	9♋ 7	17°23	24° 7	15°31	7°10	8°33	7°51	16° 4	6°17	9°55	11° 2	17°11	n.a.	T 16
W17	1 11 53	16°38'46	20°56	18°58	25°20	15°56	7°21	8°39	7°53	16° 5	6°16	9°R55	10°59	17°17	n.a.	W17
T 18	1 15 49	17°39'33	2♌48	20°33	26°32	16°21	7°33	8°45	7°55	16° 7	6°15	9°54	10°56	17°24	n.a.	T 18
F 19	1 19 46	18°40'21	14°48	22° 7	27°44	16°46	7°44	8°51	7°57	16° 8	6°15	9°50	10°53	17°31	n.a.	F 19
S 20	1 23 42	19°41'11	27° 0	23°41	28°56	17°11	7°56	8°57	7°58	16° 9	6°14	9°44	10°50	17°37	n.a.	S 20
S 21	1 27 39	20°42'02	9♍28	25°15	0♐ 8	17°35	8° 7	9° 3	8° 0	16°11	6°13	9°37	10°47	17°44	n.a.	S 21
M22	1 31 35	21°42'55	22°15	26°49	1°20	17°59	8°18	9° 9	8° 2	16°12	6°12	9°28	10°43	17°51	n.a.	M22
T 23	1 35 32	22°43'49	5♎21	28°23	2°32	18°23	8°29	9°15	8° 3	16°14	6°11	9°19	10°40	17°57	n.a.	T 23
W24	1 39 29	23°44'45	18°45	29°57	3°44	18°46	8°40	9°21	8° 5	16°15	6°11	9°11	10°37	18° 4	n.a.	W24
T 25	1 43 25	24°45'42	2♏26	1♏30	4°56	19° 9	8°51	9°27	8° 6	16°17	6°10	9° 5	10°34	18°11	n.a.	T 25
F 26	1 47 22	25°46'40	16°19	3° 3	6° 8	19°32	9° 2	9°33	8° 8	16°19	6° 9	9° 0	10°31	18°18	n.a.	F 26
S 27	1 51 18	26°47'40	0♐23	4°37	7°20	19°54	9°13	9°38	8° 9	16°20	6° 9	8°58	10°27	18°24	n.a.	S 27
S 28	1 55 15	27°48'40	14°32	6°10	8°32	20°16	9°23	9°44	8°11	16°22	6° 8	8°D58	10°24	18°31	n.a.	S 28
M29	1 59 11	28°49'42	28°43	7°43	9°43	20°38	9°34	9°50	8°12	16°23	6° 7	8°59	10°21	18°38	n.a.	M29
T 30	2 3 8	29°50'44	12♑55	9°16	10°55	20°59	9°44	9°55	8°13	16°25	6° 7	9° 1	10°18	18°44	n.a.	T 30
W31	2 7 5	0♏51'47	27♑ 4	10♏49	12♐ 6	21♋20	9♍55	10♍ 1	8♌14	16♐27	6♓ 6	9°R 1	10♊15	18♋51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	0s12	23s49	0s36	4n 4	1n24	14s45	1s 7	24n37	1n 8	11n15	1n13	11n 4	2n 7	19n22	0n41	22s 9	0n51	25s19	17s27	22n25	22n31	25n42			n.a.
T 2	0 37	25 34	1 49	3 19	1 19	15 12	1 10	24 36	1 9	11 10	1 13	11 1	2 7	19 21	0 41	22 10	0 51	25 19	17 26	22 25	22 31	25 42			n.a.
W 3	1 1	25 41	2 55	2 34	1 13	15 39	1 13	24 35	1 10	11 6	1 13	10 59	2 7	19 21	0 41	22 10	0 51	25 19	17 26	22 25	22 30	25 42			n.a.
T 4	1 25	24 7	3 50	1 49	1 7	16 5	1 16	24 35	1 12	11 1	1 13	10 56	2 8	19 20	0 41	22 10	0 51	25 19	17 26	22 24	22 30	25 42			n.a.
F 5	1 49	21 0	4 32	1 4	1 1	16 31	1 19	24 34	1 13	10 57	1 13	10 54	2 8	19 19	0 41	22 10	0 51	25 20	17 26	22 24	22 30	25 41			n.a.
S 6	2 14	16 38	4 57	0 18	0 55	16 57	1 22	24 33	1 15	10 52	1 13	10 52	2 8	19 19	0 41	22 10	0 51	25 20	17 26	22 22	22 29	25 41			n.a.
S 7	2 38	11 21	5 3	0s27	0 49	17 22	1 24	24 32	1 16	10 48	1 14	10 49	2 8	19 18	0 41	22 10	0 51	25 20	17 26	22 21	22 29	25 41			n.a.
M 8	3 2	5 32	4 50	1 12	0 43	17 47	1 27	24 31	1 17	10 44	1 14	10 47	2 8	19 18	0 41	22 10	0 51	25 20	17 25	22 19	22 28	25 41			n.a.
T 9	3 26	0n27	4 21	1 56	0 36	18 11	1 30	24 30	1 19	10 39	1 14	10 44	2 8	19 17	0 41	22 11	0 51	25 20	17 25	22 18	22 28	25 41			n.a.
W10	3 51	6 18	3 37	2 41	0 30	18 35	1 33	24 28	1 20	10 35	1 14	10 42	2 8	19 17	0 41	22 11	0 51	25 21	17 25	22 17	22 27	25 41			n.a.
T 11	4 15	11 44	2 43	3 26	0 23	18 59	1 35	24 27	1 22	10 31	1 14	10 40	2 8	19 16	0 41	22 11	0 51	25 21	17 25	22 16	22 27	25 41			n.a.
F 12	4 39	16 31	1 41	4 10	0 17	19 22	1 38	24 26	1 23	10 26	1 14	10 37	2 9	19 16	0 41	22 11	0 51	25 21	17 25	22 15	22 26	25 41			n.a.
S 13	5 3	20 28	0 36	4 54	0 10	19 44	1 40	24 24	1 25	10 22	1 14	10 35	2 9	19 15	0 41	22 11	0 51	25 21	17 24	22 15	22 26	25 40			n.a.
S 14	5 27	23 26	0n29	5 37	0 4	20 6	1 43	24 23	1 26	10 18	1 14	10 33	2 9	19 15	0 41	22 11	0 51	25 21	17 24	22 15	22 26	25 40			n.a.
M15	5 50	25 17	1 32	6 21	0s 3	20 27	1 45	24 22	1 28	10 14	1 15	10 31	2 9	19 14	0 41	22 12	0 51	25 21	17 24	22 15	22 25	25 40			n.a.
T 16	6 14	25 57	2 30	7 4	0 9	20 48	1 48	24 20	1 29	10 9	1 15	10 28	2 9	19 14	0 41	22 12	0 51	25 21	17 24	22 15	22 25	25 40			n.a.
W17	6 38	25 27	3 22	7 46	0 16	21 9	1 50	24 19	1 31	10 5	1 15	10 26	2 9	19 13	0 41	22 12	0 50	25 22	17 23	22 15	22 24	25 40			n.a.
T 18	7 1	23 47	4 6	8 29	0 22	21 28	1 53	24 17	1 32	10 1	1 15	10 24	2 10	19 13	0 41	22 12	0 50	25 22	17 23	22 15	22 24	25 40			n.a.
F 19	7 25	21 3	4 39	9 10	0 29	21 48	1 55	24 15	1 34	9 57	1 15	10 22	2 10	19 12	0 41	22 12	0 50	25 22	17 23	22 14	22 23	25 39			n.a.
S 20	7 48	17 22	5 0	9 52	0 35	22 6	1 57	24 14	1 36	9 53	1 15	10 20	2 10	19 12	0 41	22 12	0 50	25 22	17 23	22 13	22 23	25 39			n.a.
S 21	8 12	12 51	5 7	10 33	0 41	22 24	1 59	24 12	1 37	9 48	1 16	10 17	2 10	19 11	0 42	22 13	0 50	25 22	17 22	22 12	22 22	25 39			n.a.
M22	8 35	7 42	5 0	11 13	0 48	22 41	2 1	24 11	1 39	9 44	1 16	10 15	2 10	19 11	0 42	22 13	0 50	25 22	17 22	22 11	22 22	25 39			n.a.
T 23	8 58	2 4	4 37	11 53	0 54	22 58	2 3	24 9	1 40	9 40	1 16	10 13	2 10	19 11	0 42	22 13	0 50	25 22	17 22	22 9	22 21	25 39			n.a.
W24	9 21	3s47	3 58	12 32	1 0	23 14	2 5	24 7	1 42	9 36	1 16	10 11	2 11	19 10	0 42	22 13	0 50	25 22	17 22	22 8	22 21	25 38			n.a.
T 25	9 43	9 36	3 5	13 11	1 6	23 30	2 7	24 6	1 44	9 32	1 16	10 9	2 11	19 10	0 42	22 13	0 50	25 22	17 21	22 7	22 21	25 38			n.a.
F 26	10 6	15 3	2 0	13 49	1 11	23 45	2 9	24 4	1 45	9 28	1 16	10 7	2 11	19 10	0 42	22 14	0 50	25 22	17 21	22 7	22 20	25 38			n.a.
S 27	10 28	19 45	0 46	14 26	1 17	23 59	2 10	24 2	1 47	9 24	1 17	10 5	2 11	19 9	0 42	22 14	0 50	25 22	17 21	22 6	22 20	25 38			n.a.
S 28	10 50	23 22	0s30	15 3	1 22	24 12	2 12	24 1	1 49	9 20	1 17	10 3	2 11	19 9	0 42	22 14	0 50	25 22	17 20	22 6	22 19	25 37			n.a.
M29	11 13	25 31	1 45	15 39	1 28	24 25	2 14	23 59	1 51	9 17	1 17	10 1	2 12	19 9	0 42	22 14	0 50	25 22	17 20	22 6	22 19	25 37			n.a.
T 30	11 34	26 1	2 54	16 15	1 33	24 37	2 15	23 58	1 53	9 13	1 17	9 59	2 12	19 8	0 42	22 14	0 50	25 22	17 20	22 7	22 18	25 37			n.a.
W31	11s56	24s49	3s52	16s49	1s38	24s49	2s16	23n56	1n54	9n 9	1n17	9n57	2n12	19n 8	0n42	22s15	0n50	25s22	17s19	22n 7	22n18	25n37			n.a.

Julian Day Number = 1487205.5, Delta T = 05h17m44s
Ecliptic obliquity = 23°46'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'47, Lahiri = -12°48'47 Julian Calendar 1 Oct. 642 BCE == Greg. Calendar 24 Sept. 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

NOVEMBER 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 11 1	1♏52'51	11♒11	12♏22	13♐18	21♋41	10♍ 5	10♍ 6	8♌16	16♐29	6°R 5	9°R 1	10♊12	18♋58	n.a.	T 1
F 2	2 14 58	2°53'55	25°12	13°54	14°29	22° 1	10°15	10°11	8°17	16°30	6♓ 5	8♊59	10° 8	19° 4	n.a.	F 2
S 3	2 18 54	3°55'00	9♓ 7	15°27	15°40	22°21	10°25	10°17	8°18	16°32	6° 4	8°55	10° 5	19°11	n.a.	S 3
S 4	2 22 51	4°56'05	22°54	16°59	16°52	22°40	10°35	10°22	8°19	16°34	6° 4	8°51	10° 2	19°18	n.a.	S 4
M 5	2 26 47	5°57'12	6♈30	18°32	18° 3	22°59	10°45	10°27	8°20	16°36	6° 3	8°45	9°59	19°24	n.a.	M 5
T 6	2 30 44	6°58'18	19°53	20° 4	19°14	23°18	10°55	10°32	8°20	16°38	6° 3	8°39	9°56	19°31	n.a.	T 6
W 7	2 34 40	7°59'26	3♉ 3	21°36	20°25	23°36	11° 5	10°37	8°21	16°39	6° 2	8°35	9°52	19°38	n.a.	W 7
T 8	2 38 37	9° 0'34	15°56	23° 7	21°35	23°53	11°15	10°42	8°22	16°41	6° 2	8°31	9°49	19°44	n.a.	T 8
F 9	2 42 34	10° 1'44	28°33	24°39	22°46	24°11	11°24	10°47	8°23	16°43	6° 1	8°29	9°46	19°51	n.a.	F 9
S 10	2 46 30	11° 2'54	10♊56	26°10	23°57	24°27	11°34	10°51	8°23	16°45	6° 1	8°D29	9°43	19°58	n.a.	S 10
S 11	2 50 27	12° 4'04	23° 5	27°40	25° 7	24°44	11°43	10°56	8°24	16°47	6° 1	8°30	9°40	20° 4	n.a.	S 11
M12	2 54 23	13° 5'16	5♋ 3	29°10	26°18	25° 0	11°52	11° 1	8°24	16°49	6° 0	8°31	9°37	20°11	n.a.	M12
T 13	2 58 20	14° 6'29	16°55	0♐39	27°28	25°15	12° 1	11° 5	8°25	16°51	6° 0	8°33	9°33	20°18	n.a.	T 13
W14	3 2 16	15° 7'42	28°44	2° 7	28°38	25°30	12°10	11°10	8°25	16°53	6° 0	8°35	9°30	20°24	n.a.	W14
T 15	3 6 13	16° 8'56	10♌36	3°34	29°48	25°44	12°19	11°14	8°26	16°55	5°59	8°36	9°27	20°31	n.a.	T 15
F 16	3 10 9	17°10'10	22°35	5° 0	0♑58	25°58	12°28	11°18	8°26	16°57	5°59	8°R36	9°24	20°38	n.a.	F 16
S 17	3 14 6	18°11'26	4♍46	6°25	2° 8	26°11	12°36	11°22	8°26	16°59	5°59	8°35	9°21	20°44	n.a.	S 17
S 18	3 18 3	19°12'41	17°14	7°48	3°18	26°24	12°45	11°27	8°26	17° 1	5°59	8°33	9°18	20°51	n.a.	S 18
M19	3 21 59	20°13'58	0♎ 2	9° 8	4°27	26°36	12°53	11°31	8°27	17° 3	5°58	8°30	9°14	20°58	n.a.	M19
T 20	3 25 56	21°15'15	13°12	10°26	5°37	26°48	13° 1	11°35	8°27	17° 5	5°58	8°28	9°11	21° 4	n.a.	T 20
W21	3 29 52	22°16'32	26°47	11°41	6°46	26°59	13°10	11°38	8°R27	17° 7	5°58	8°25	9° 8	21°11	n.a.	W21
T 22	3 33 49	23°17'50	10♏43	12°53	7°55	27° 9	13°18	11°42	8°27	17° 9	5°58	8°23	9° 5	21°18	n.a.	T 22
F 23	3 37 45	24°19'08	24°59	14° 1	9° 4	27°19	13°25	11°46	8°27	17°12	5°58	8°22	9° 2	21°24	n.a.	F 23
S 24	3 41 42	25°20'27	9♐29	15° 4	10°13	27°28	13°33	11°50	8°26	17°14	5°58	8°D22	8°58	21°31	n.a.	S 24
S 25	3 45 38	26°21'45	24° 7	16° 2	11°22	27°37	13°41	11°53	8°26	17°16	5°58	8°22	8°55	21°38	n.a.	S 25
M26	3 49 35	27°23'03	8♑47	16°54	12°31	27°45	13°48	11°56	8°26	17°18	5°58	8°23	8°52	21°45	n.a.	M26
T 27	3 53 32	28°24'21	23°22	17°39	13°39	27°52	13°56	12° 0	8°26	17°20	5°D58	8°24	8°49	21°51	n.a.	T 27
W28	3 57 28	29°25'39	7♒49	18°15	14°47	27°59	14° 3	12° 3	8°25	17°22	5°58	8°25	8°46	21°58	n.a.	W28
T 29	4 1 25	0♐26'56	22° 2	18°44	15°55	28° 5	14°10	12° 6	8°25	17°25	5°58	8°25	8°43	22° 5	n.a.	T 29
F 30	4 5 21	1♐28'13	6♓ 1	19♐ 2	17♑ 3	28♋10	14♍17	12♍ 9	8♌24	17♐27	5♓58	8°R25	8♊39	22♋11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s18	22s 4	4s36	17s23	1s42	24s59	2s18	23n55	1n56	9n 5	1n17	9n55	2n12	19n 8	0n42	22s15	0n50	25s22	17s19	22n 7	22n17	25n36		n.a.
F 2	12 39	18 2	5 2	17 56	1 47	25 9	2 19	23 53	1 58	9 1	1 18	9 53	2 12	19 7	0 42	22 15	0 50	25 22	17 19	22 6	22 17	25 36		n.a.
S 3	13 0	13 3	5 11	18 28	1 51	25 19	2 20	23 52	2 0	8 58	1 18	9 52	2 13	19 7	0 42	22 15	0 50	25 22	17 19	22 6	22 16	25 36		n.a.
S 4	13 21	7 28	5 2	18 59	1 55	25 27	2 21	23 50	2 2	8 54	1 18	9 50	2 13	19 7	0 42	22 15	0 50	25 22	17 18	22 5	22 16	25 35		n.a.
M 5	13 41	1 36	4 36	19 29	1 59	25 35	2 22	23 49	2 4	8 50	1 18	9 48	2 13	19 7	0 42	22 16	0 50	25 22	17 18	22 4	22 15	25 35		n.a.
T 6	14 2	4n16	3 55	19 58	2 2	25 42	2 23	23 48	2 6	8 47	1 18	9 46	2 13	19 7	0 42	22 16	0 50	25 22	17 18	22 3	22 15	25 35		n.a.
W 7	14 22	9 51	3 2	20 26	2 5	25 48	2 24	23 46	2 8	8 43	1 19	9 45	2 13	19 6	0 42	22 16	0 50	25 21	17 17	22 2	22 14	25 34		n.a.
T 8	14 42	14 55	2 1	20 53	2 8	25 54	2 24	23 45	2 9	8 40	1 19	9 43	2 14	19 6	0 42	22 16	0 50	25 21	17 17	22 2	22 14	25 34		n.a.
F 9	15 2	19 14	0 54	21 18	2 11	25 59	2 25	23 44	2 11	8 36	1 19	9 41	2 14	19 6	0 42	22 17	0 50	25 21	17 17	22 2	22 14	25 34		n.a.
S 10	15 21	22 37	0n13	21 42	2 13	26 3	2 25	23 43	2 13	8 33	1 19	9 40	2 14	19 6	0 42	22 17	0 50	25 21	17 16	22 2	22 13	25 33		n.a.
S 11	15 40	24 55	1 19	22 5	2 14	26 6	2 26	23 42	2 16	8 29	1 19	9 38	2 14	19 6	0 42	22 17	0 50	25 21	17 16	22 2	22 13	25 33		n.a.
M12	15 59	26 1	2 21	22 27	2 15	26 9	2 26	23 41	2 18	8 26	1 20	9 36	2 15	19 6	0 42	22 17	0 50	25 21	17 16	22 2	22 12	25 33		n.a.
T 13	16 18	25 56	3 16	22 47	2 16	26 11	2 26	23 40	2 20	8 23	1 20	9 35	2 15	19 6	0 43	22 17	0 50	25 21	17 15	22 2	22 12	25 32		n.a.
W14	16 36	24 39	4 2	23 6	2 16	26 12	2 26	23 40	2 22	8 19	1 20	9 33	2 15	19 6	0 43	22 18	0 50	25 20	17 15	22 2	22 11	25 32		n.a.
T 15	16 54	22 17	4 39	23 22	2 15	26 12	2 26	23 39	2 24	8 16	1 20	9 32	2 15	19 6	0 43	22 18	0 50	25 20	17 14	22 3	22 11	25 32		n.a.
F 16	17 12	18 57	5 3	23 38	2 14	26 12	2 26	23 38	2 26	8 13	1 21	9 30	2 16	19 6	0 43	22 18	0 50	25 20	17 14	22 3	22 10	25 31		n.a.
S 17	17 29	14 46	5 15	23 51	2 13	26 11	2 25	23 38	2 28	8 10	1 21	9 29	2 16	19 6	0 43	22 18	0 50	25 20	17 14	22 2	22 10	25 31		n.a.
S 18	17 46	9 53	5 12	24 3	2 10	26 9	2 25	23 38	2 30	8 7	1 21	9 28	2 16	19 6	0 43	22 19	0 50	25 19	17 13	22 2	22 9	25 30		n.a.
M19	18 3	4 28	4 54	24 13	2 7	26 6	2 24	23 37	2 33	8 4	1 21	9 26	2 16	19 6	0 43	22 19	0 49	25 19	17 13	22 2	22 9	25 30		n.a.
T 20	18 19	1s18	4 20	24 21	2 3	26 3	2 24	23 37	2 35	8 1	1 21	9 25	2 17	19 6	0 43	22 19	0 49	25 19	17 13	22 1	22 8	25 30		n.a.
W21	18 36	7 12	3 30	24 27	1 58	25 58	2 23	23 37	2 37	7 58	1 22	9 24	2 17	19 6	0 43	22 19	0 49	25 19	17 12	22 1	22 8	25 29		n.a.
T 22	18 51	12 55	2 27	24 31	1 52	25 54	2 22	23 37	2 39	7 55	1 22	9 23	2 17	19 6	0 43	22 19	0 49	25 18	17 12	22 1	22 7	25 29		n.a.
F 23	19 7	18 5	1 13	24 32	1 45	25 48	2 21	23 38	2 42	7 52	1 22	9 21	2 17	19 6	0 43	22 20	0 49	25 18	17 12	22 0	22 7	25 28		n.a.
S 24	19 22	22 17	0s 6	24 32	1 37	25 42	2 20	23 38	2 44	7 49	1 22	9 20	2 18	19 6	0 43	22 20	0 49	25 18	17 11	22 0	22 6	25 28		n.a.
S 25	19 37	25 5	1 26	24 29	1 28	25 35	2 18	23 39	2 46	7 46	1 23	9 19	2 18	19 6	0 43	22 20	0 49	25 17	17 11	22 0	22 6	25 27		n.a.
M26	19 51	26 9	2 41	24 24	1 18	25 27	2 17	23 39	2 49	7 44	1 23	9 18	2 18	19 6	0 43	22 20	0 49	25 17	17 10	22 1	22 5	25 27		n.a.
T 27	20 5	25 24	3 45	24 17	1 6	25 18	2 15	23 40	2 51	7 41	1 23	9 17	2 18	19 6	0 43	22 21	0 49	25 17	17 10	22 1	22 5	25 26		n.a.
W28	20 19	22 58	4 33	24 8	0 54	25 9	2 14	23 41	2 54	7 38	1 23	9 16	2 19	19 6	0 43	22 21	0 49	25 17	17 10	22 1	22 4	25 26		n.a.
T 29	20 32	19 9	5 4	23 57	0 39	25 0	2 12	23 42	2 56	7 36	1 24	9 15	2 19	19 6	0 43	22 21	0 49	25 16	17 9	22 1	22 4	25 26		n.a.
F 30	20s45	14s20	5s17	23s43	0s24	24s49	2s10	23n44	2n58	7n33	1n24	9n14	2n19	19n 7	0n43	22s21	0n49	25s16	17s 9	22n 1	22n 3	25n25		n.a.

Julian Day Number = 1487236.5, Delta T = 05h17m42s
Ecliptic obliquity = 23°46'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'43, Lahiri = -12°48'42 Julian Calendar 1 Nov. 642 BCE == Greg. Calendar 25 Oct. 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 642 BCE
geocentric

DECEMBER 642 BCE (-641) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 9 18	2♐29'30	19♓44	19°R10	18♑11	28♋15	14♍23	12♍12	8°R24	17♐29	5♓58	8°R25	8♊36	22♋18	n.a.	S 1
S 2	4 13 14	3°30'45	3♈12	19♐ 7	19°18	28°19	14°30	12°15	8♌23	17°31	5°58	8♊25	8°33	22°25	n.a.	S 2
M 3	4 17 11	4°32'01	16°24	18°52	20°25	28°22	14°36	12°18	8°23	17°33	5°58	8°24	8°30	22°31	n.a.	M 3
T 4	4 21 8	5°33'16	29°22	18°25	21°32	28°24	14°43	12°20	8°22	17°36	5°58	8°24	8°27	22°38	n.a.	T 4
W 5	4 25 4	6°34'30	12♉ 7	17°47	22°39	28°26	14°49	12°23	8°21	17°38	5°58	8°23	8°24	22°45	n.a.	W 5
T 6	4 29 1	7°35'44	24°40	16°57	23°46	28°27	14°55	12°25	8°20	17°40	5°58	8°23	8°20	22°51	n.a.	T 6
F 7	4 32 57	8°36'58	7♊ 1	15°58	24°52	28°R28	15° 1	12°28	8°19	17°42	5°59	8°23	8°17	22°58	n.a.	F 7
S 8	4 36 54	9°38'11	19°12	14°50	25°58	28°27	15° 6	12°30	8°18	17°45	5°59	8°23	8°14	23° 5	n.a.	S 8
S 9	4 40 50	10°39'24	1♋15	13°36	27° 4	28°26	15°12	12°32	8°17	17°47	5°59	8°23	8°11	23°11	n.a.	S 9
M10	4 44 47	11°40'36	13°10	12°18	28°10	28°24	15°17	12°34	8°16	17°49	5°59	8°23	8° 8	23°18	n.a.	M10
T 11	4 48 43	12°41'48	25° 1	10°59	29°15	28°21	15°23	12°36	8°15	17°51	6° 0	8°22	8° 4	23°25	n.a.	T 11
W12	4 52 40	13°43'00	6♌51	9°40	0♒20	28°18	15°28	12°38	8°14	17°54	6° 0	8°22	8° 1	23°32	n.a.	W12
T 13	4 56 37	14°44'11	18°43	8°25	1°25	28°13	15°32	12°40	8°13	17°56	6° 0	8°21	7°58	23°38	n.a.	T 13
F 14	5 0 33	15°45'21	0♍40	7°16	2°29	28° 8	15°37	12°42	8°12	17°58	6° 1	8°20	7°55	23°45	n.a.	F 14
S 15	5 4 30	16°46'32	12°49	6°14	3°33	28° 2	15°42	12°43	8°11	18° 0	6° 1	8°D20	7°52	23°52	n.a.	S 15
S 16	5 8 26	17°47'41	25°12	5°20	4°37	27°55	15°46	12°45	8° 9	18° 3	6° 2	8°20	7°49	23°58	n.a.	S 16
M17	5 12 23	18°48'50	7♎54	4°34	5°40	27°48	15°50	12°46	8° 8	18° 5	6° 2	8°20	7°45	24° 5	n.a.	M17
T 18	5 16 19	19°49'59	21° 0	3°58	6°44	27°39	15°54	12°47	8° 6	18° 7	6° 2	8°21	7°42	24°12	n.a.	T 18
W19	5 20 16	20°51'07	4♏31	3°32	7°46	27°30	15°58	12°48	8° 5	18°10	6° 3	8°22	7°39	24°18	n.a.	W19
T 20	5 24 13	21°52'14	18°29	3°14	8°49	27°20	16° 2	12°50	8° 4	18°12	6° 3	8°23	7°36	24°25	n.a.	T 20
F 21	5 28 9	22°53'21	2♐53	3° 6	9°51	27°10	16° 5	12°50	8° 2	18°14	6° 4	8°R24	7°33	24°32	n.a.	F 21
S 22	5 32 6	23°54'27	17°38	3°D 5	10°53	26°58	16° 9	12°51	8° 0	18°16	6° 5	8°24	7°30	24°38	n.a.	S 22
S 23	5 36 2	24°55'32	2♑37	3°13	11°54	26°46	16°12	12°52	7°59	18°19	6° 5	8°23	7°26	24°45	n.a.	S 23
M24	5 39 59	25°56'36	17°43	3°28	12°55	26°32	16°15	12°53	7°57	18°21	6° 6	8°21	7°23	24°52	n.a.	M24
T 25	5 43 55	26°57'39	2♒45	3°49	13°55	26°19	16°18	12°53	7°55	18°23	6° 6	8°19	7°20	24°58	n.a.	T 25
W26	5 47 52	27°58'40	17°36	4°16	14°55	26° 4	16°20	12°54	7°54	18°25	6° 7	8°16	7°17	25° 5	n.a.	W26
T 27	5 51 48	28°59'40	2♓ 7	4°49	15°55	25°49	16°23	12°54	7°52	18°28	6° 8	8°14	7°14	25°12	n.a.	T 27
F 28	5 55 45	0♑ 0'38	16°17	5°27	16°54	25°32	16°25	12°54	7°50	18°30	6° 8	8°12	7°10	25°19	n.a.	F 28
S 29	5 59 42	1° 1'35	0♈ 2	6°10	17°53	25°16	16°27	12°R54	7°48	18°32	6° 9	8°D12	7° 7	25°25	n.a.	S 29
S 30	6 3 38	2° 2'31	13°24	6°57	18°51	24°58	16°29	12°54	7°46	18°34	6°10	8°12	7° 4	25°32	n.a.	S 30
M31	6 7 35	3♑ 3'24	26♈25	7♐47	19♒48	24♋40	16♍30	12♍54	7♌44	18♐37	6♓10	8♊13	7♊ 1	25♋39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s57	8s53	5s11	23s27	0s 8	24s38	2s 8	23n45	3n 1	7n31	1n24	9n13	2n19	19n 7	0n43	22s21	0n49	25s15	17s 9	22n 1	22n 3	25n25		n.a.
S 2	21 9	3 7	4 48	23 9	0n10	24 26	2 6	23 47	3 3	7 29	1 24	9 12	2 20	19 7	0 43	22 22	0 49	25 15	17 8	22 1	22 2	25 24		n.a.
M 3	21 21	2n41	4 10	22 50	0 29	24 14	2 3	23 48	3 6	7 26	1 25	9 11	2 20	19 7	0 43	22 22	0 49	25 15	17 8	22 1	22 2	25 24		n.a.
T 4	21 32	8 17	3 20	22 28	0 48	24 1	2 1	23 50	3 8	7 24	1 25	9 11	2 20	19 7	0 43	22 22	0 49	25 14	17 8	22 1	22 1	25 23		n.a.
W 5	21 43	13 27	2 21	22 5	1 8	23 47	1 58	23 52	3 11	7 22	1 25	9 10	2 20	19 8	0 44	22 22	0 49	25 14	17 7	22 1	22 1	25 22		n.a.
T 6	21 53	17 59	1 15	21 41	1 27	23 33	1 56	23 55	3 13	7 20	1 25	9 9	2 21	19 8	0 44	22 23	0 49	25 13	17 7	22 1	22 0	25 22		n.a.
F 7	22 3	21 40	0 8	21 15	1 47	23 18	1 53	23 57	3 16	7 18	1 26	9 9	2 21	19 8	0 44	22 23	0 49	25 13	17 6	22 1	22 0	25 21		n.a.
S 8	22 12	24 19	1n 0	20 49	2 5	23 3	1 50	24 0	3 18	7 16	1 26	9 8	2 21	19 9	0 44	22 23	0 49	25 13	17 6	22 1	21 59	25 21		n.a.
S 9	22 21	25 50	2 4	20 23	2 23	22 47	1 47	24 2	3 21	7 14	1 26	9 7	2 22	19 9	0 44	22 23	0 49	25 12	17 6	22 1	21 59	25 20		n.a.
M10	22 30	26 7	3 1	19 58	2 38	22 30	1 43	24 5	3 23	7 12	1 27	9 7	2 22	19 9	0 44	22 24	0 49	25 12	17 5	22 1	21 58	25 20		n.a.
T 11	22 38	25 13	3 51	19 34	2 52	22 13	1 40	24 8	3 26	7 10	1 27	9 6	2 22	19 9	0 44	22 24	0 49	25 11	17 5	22 0	21 58	25 19		n.a.
W12	22 46	23 11	4 31	19 11	3 4	21 56	1 36	24 11	3 29	7 9	1 27	9 6	2 22	19 10	0 44	22 24	0 49	25 11	17 5	22 0	21 57	25 19		n.a.
T 13	22 53	20 9	4 59	18 51	3 13	21 38	1 32	24 15	3 31	7 7	1 27	9 5	2 23	19 10	0 44	22 24	0 49	25 10	17 4	22 0	21 57	25 18		n.a.
F 14	23 0	16 16	5 14	18 33	3 19	21 19	1 29	24 18	3 34	7 5	1 28	9 5	2 23	19 11	0 44	22 24	0 49	25 10	17 4	22 0	21 56	25 17		n.a.
S 15	23 6	11 42	5 16	18 19	3 23	21 0	1 25	24 22	3 36	7 4	1 28	9 5	2 23	19 11	0 44	22 25	0 49	25 9	17 4	22 0	21 56	25 17		n.a.
S 16	23 12	6 34	5 4	18 7	3 25	20 41	1 20	24 26	3 39	7 2	1 28	9 4	2 24	19 11	0 44	22 25	0 49	25 9	17 3	22 0	21 55	25 16		n.a.
M17	23 18	1 2	4 36	17 59	3 25	20 21	1 16	24 30	3 41	7 1	1 29	9 4	2 24	19 12	0 44	22 25	0 49	25 8	17 3	22 0	21 54	25 16		n.a.
T 18	23 23	4s42	3 54	17 54	3 23	20 0	1 12	24 34	3 44	7 0	1 29	9 4	2 24	19 12	0 44	22 25	0 49	25 8	17 2	22 0	21 54	25 15		n.a.
W19	23 27	10 26	2 57	17 53	3 20	19 40	1 7	24 38	3 46	6 58	1 29	9 4	2 24	19 12	0 44	22 25	0 49	25 7	17 2	22 1	21 53	25 14		n.a.
T 20	23 31	15 50	1 48	17 54	3 15	19 18	1 2	24 43	3 49	6 57	1 29	9 3	2 25	19 13	0 44	22 26	0 49	25 7	17 2	22 1	21 53	25 14		n.a.
F 21	23 35	20 32	0 31	17 59	3 9	18 57	0 57	24 47	3 51	6 56	1 30	9 3	2 25	19 13	0 44	22 26	0 49	25 6	17 1	22 1	21 52	25 13		n.a.
S 22	23 38	24 2	0s51	18 5	3 2	18 35	0 52	24 52	3 53	6 55	1 30	9 3	2 25	19 14	0 44	22 26	0 49	25 6	17 1	22 1	21 52	25 12		n.a.
S 23	23 40	25 55	2 10	18 14	2 54	18 13	0 47	24 57	3 56	6 54	1 30	9 3	2 26	19 14	0 44	22 26	0 49	25 5	17 1	22 1	21 51	25 12		n.a.
M24	23 43	25 54	3 21	18 25	2 46	17 50	0 42	25 2	3 58	6 53	1 31	9 3	2 26	19 15	0 44	22 27	0 49	25 5	17 0	22 0	21 51	25 11		n.a.
T 25	23 44	23 59	4 17	18 38	2 37	17 28	0 36	25 7	4 0	6 52	1 31	9 3	2 26	19 15	0 44	22 27	0 49	25 4	17 0	22 0	21 50	25 10		n.a.
W26	23 45	20 27	4 55	18 52	2 28	17 4	0 31	25 12	4 3	6 52	1 31	9 4	2 26	19 16	0 44	22 27	0 49	25 4	17 0	21 59	21 50	25 10		n.a.
T 27	23 46	15 44	5 14	19 8	2 18	16 41	0 25	25 17	4 5	6 51	1 31	9 4	2 27	19 16	0 44	22 27	0 49	25 3	16 59	21 59	21 49	25 9		n.a.
F 28	23 46	10 16	5 12	19 24	2 9	16 17	0 19	25 22	4 7	6 50	1 32	9 4	2 27	19 17	0 44	22 27	0 49	25 2	16 59	21 59	21 49	25 8		n.a.
S 29	23 46	4 27	4 53	19 41	1 59	15 53	0 13	25 27	4 9	6 50	1 32	9 4	2 27	19 17	0 44	22 28	0 49	25 2	16 59	21 59	21 48	25 8		n.a.
S 30	23 45	1n24	4 18	19 59	1 49	15 29	0 7	25 33	4 11	6 49	1 32	9 4	2 28	19 18	0 44	22 28	0 49	25 1	16 58	21 59	21 48	25 7		n.a.
M31	23s44	7n 4	3s30	20s17	1n39	15s 5	0s 0	25n38	4n13	6n49	1n33	9n 5	2n28	19n18	0n44	22s28	0n49	25s 1	16s58	21n59	21n47	25n 6		n.a.

Julian Day Number = 1487266.5, Delta T = 05h17m41s
Ecliptic obliquity = 23°46'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'39, Lahiri = -12°48'38 Julian Calendar 1 Dec. 642 BCE == Greg. Calendar 24 Nov. 642 BCE

The year -641 astronomical counting style corresponds to year 642 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

JANUARY 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 11 31	4♉ 4'16	9♉ 7	8♐41	20♒45	24°R21	16♍32	12°R54	7°R42	18♐39	6♓11	8♊15	6♊58	25♋45	n.a.	T 1
W 2	6 15 28	5° 5'07	21°35	9°38	21°41	24♋ 2	16°33	12♍53	7♌40	18°41	6°12	8°17	6°55	25°52	n.a.	W 2
T 3	6 19 24	6° 5'56	3♊50	10°39	22°37	23°42	16°34	12°53	7°38	18°43	6°13	8°R18	6°51	25°59	n.a.	T 3
F 4	6 23 21	7° 6'44	15°57	11°41	23°32	23°22	16°35	12°53	7°36	18°45	6°14	8°17	6°48	26° 5	n.a.	F 4
S 5	6 27 17	8° 7'30	27°57	12°46	24°27	23° 1	16°36	12°52	7°34	18°48	6°14	8°16	6°45	26°12	n.a.	S 5
S 6	6 31 14	9° 8'15	9♋51	13°54	25°21	22°40	16°36	12°51	7°32	18°50	6°15	8°12	6°42	26°19	n.a.	S 6
M 7	6 35 11	10° 8'58	21°43	15° 3	26°14	22°18	16°37	12°50	7°29	18°52	6°16	8° 8	6°39	26°25	n.a.	M 7
T 8	6 39 7	11° 9'39	3♌34	16°15	27° 6	21°56	16°R37	12°49	7°27	18°54	6°17	8° 2	6°36	26°32	n.a.	T 8
W 9	6 43 4	12°10'19	15°25	17°28	27°58	21°33	16°37	12°48	7°25	18°56	6°18	7°55	6°32	26°39	n.a.	W 9
T 10	6 47 0	13°10'58	27°20	18°43	28°49	21°10	16°37	12°47	7°23	18°58	6°19	7°49	6°29	26°46	n.a.	T 10
F 11	6 50 57	14°11'35	9♍19	19°59	29°39	20°47	16°36	12°46	7°20	19° 0	6°20	7°43	6°26	26°52	n.a.	F 11
S 12	6 54 53	15°12'11	21°28	21°17	0♓28	20°24	16°36	12°45	7°18	19° 3	6°21	7°39	6°23	26°59	n.a.	S 12
S 13	6 58 50	16°12'46	3♎48	22°36	1°17	20° 0	16°35	12°43	7°16	19° 5	6°22	7°36	6°20	27° 6	n.a.	S 13
M14	7 2 47	17°13'19	16°25	23°57	2° 4	19°36	16°34	12°42	7°13	19° 7	6°23	7°D35	6°16	27°12	n.a.	M14
T 15	7 6 43	18°13'50	29°23	25°19	2°51	19°13	16°33	12°40	7°11	19° 9	6°24	7°36	6°13	27°19	n.a.	T 15
W16	7 10 40	19°14'20	12♏44	26°42	3°36	18°49	16°31	12°38	7° 8	19°11	6°25	7°37	6°10	27°26	n.a.	W16
T 17	7 14 36	20°14'49	26°33	28° 7	4°21	18°25	16°30	12°36	7° 6	19°13	6°26	7°38	6° 7	27°32	n.a.	T 17
F 18	7 18 33	21°15'16	10♐49	29°32	5° 4	18° 1	16°28	12°34	7° 3	19°15	6°27	7°R39	6° 4	27°39	n.a.	F 18
S 19	7 22 29	22°15'42	25°31	0♑59	5°47	17°37	16°26	12°32	7° 1	19°17	6°28	7°37	6° 1	27°46	n.a.	S 19
S 20	7 26 26	23°16'06	10♑34	2°27	6°28	17°13	16°24	12°30	6°58	19°19	6°29	7°34	5°57	27°52	n.a.	S 20
M21	7 30 22	24°16'29	25°50	3°55	7° 9	16°50	16°22	12°28	6°56	19°21	6°30	7°28	5°54	27°59	n.a.	M21
T 22	7 34 19	25°16'49	11♒ 8	5°25	7°48	16°27	16°19	12°26	6°53	19°23	6°31	7°21	5°51	28° 6	n.a.	T 22
W23	7 38 16	26°17'08	26°18	6°56	8°25	16° 4	16°17	12°23	6°51	19°25	6°33	7°13	5°48	28°13	n.a.	W23
T 24	7 42 12	27°17'24	11♓ 8	8°28	9° 2	15°41	16°14	12°21	6°48	19°27	6°34	7° 6	5°45	28°19	n.a.	T 24
F 25	7 46 9	28°17'38	25°33	10° 1	9°37	15°19	16°11	12°18	6°46	19°28	6°35	7° 0	5°42	28°26	n.a.	F 25
S 26	7 50 5	29°17'50	9♈29	11°36	10°10	14°57	16° 8	12°16	6°43	19°30	6°36	6°56	5°38	28°33	n.a.	S 26
S 27	7 54 2	0♒17'59	22°56	13°11	10°42	14°35	16° 4	12°13	6°40	19°32	6°37	6°54	5°35	28°39	n.a.	S 27
M28	7 57 58	1°18'07	5♉57	14°47	11°13	14°14	16° 1	12°10	6°38	19°34	6°39	6°D54	5°32	28°46	n.a.	M28
T 29	8 1 55	2°18'12	18°35	16°24	11°42	13°54	15°57	12° 7	6°35	19°36	6°40	6°55	5°29	28°53	n.a.	T 29
W30	8 5 51	3°18'15	0♊55	18° 3	12° 9	13°34	15°53	12° 4	6°33	19°38	6°41	6°R56	5°26	28°59	n.a.	W30
T 31	8 9 48	4♒18'16	13♊ 2	19♉42	12♓35	13♋14	15♍49	12♍ 1	6♌30	19♐39	6♓42	6♊56	5♊22	29♋ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s43	12n19	2s34	20s36	1n29	14s41	0n 6	25n43	4n15	6n49	1n33	9n 5	2n28	19n19	0n44	22s28	0n49	25s 0	16s58	21n59	21n47	25n 6			n.a.
W 2	23 40	16 57	1 31	20 54	1 19	14 16	0 13	25 49	4 17	6 48	1 33	9 5	2 28	19 19	0 45	22 28	0 49	25 0	16 57	22 0	21 46	25 5			n.a.
T 3	23 38	20 49	0 24	21 13	1 9	13 51	0 20	25 54	4 19	6 48	1 34	9 6	2 29	19 20	0 45	22 29	0 49	24 59	16 57	22 0	21 45	25 4			n.a.
F 4	23 35	23 43	0n42	21 31	1 0	13 26	0 27	25 59	4 20	6 48	1 34	9 6	2 29	19 21	0 45	22 29	0 49	24 58	16 57	22 0	21 45	25 3			n.a.
S 5	23 31	25 31	1 46	21 49	0 50	13 1	0 34	26 5	4 22	6 48	1 34	9 7	2 29	19 21	0 45	22 29	0 49	24 58	16 56	21 59	21 44	25 3			n.a.
S 6	23 27	26 8	2 44	22 7	0 41	12 36	0 42	26 10	4 23	6 48	1 34	9 7	2 30	19 22	0 45	22 29	0 49	24 57	16 56	21 59	21 44	25 2			n.a.
M 7	23 23	25 32	3 35	22 24	0 31	12 11	0 49	26 15	4 25	6 48	1 35	9 8	2 30	19 22	0 45	22 29	0 49	24 56	16 56	21 58	21 43	25 1			n.a.
T 8	23 18	23 47	4 17	22 41	0 22	11 46	0 57	26 20	4 26	6 49	1 35	9 9	2 30	19 23	0 45	22 29	0 49	24 56	16 56	21 57	21 43	25 0			n.a.
W 9	23 12	21 0	4 47	22 57	0 13	11 20	1 4	26 25	4 27	6 49	1 35	9 9	2 30	19 24	0 45	22 30	0 49	24 55	16 55	21 56	21 42	25 0			n.a.
T 10	23 7	17 20	5 6	23 13	0 5	10 55	1 12	26 30	4 28	6 49	1 36	9 10	2 31	19 24	0 45	22 30	0 49	24 55	16 55	21 55	21 42	24 59			n.a.
F 11	23 0	12 58	5 11	23 27	0s 4	10 30	1 20	26 35	4 29	6 50	1 36	9 11	2 31	19 25	0 45	22 30	0 49	24 54	16 55	21 54	21 41	24 58			n.a.
S 12	22 54	8 2	5 2	23 41	0 12	10 5	1 29	26 39	4 30	6 50	1 36	9 11	2 31	19 25	0 45	22 30	0 49	24 53	16 54	21 53	21 41	24 57			n.a.
S 13	22 46	2 44	4 39	23 54	0 20	9 40	1 37	26 44	4 31	6 51	1 37	9 12	2 31	19 26	0 45	22 30	0 49	24 53	16 54	21 53	21 40	24 56			n.a.
M14	22 39	2s49	4 2	24 6	0 28	9 15	1 46	26 48	4 32	6 51	1 37	9 13	2 32	19 27	0 45	22 30	0 49	24 52	16 54	21 53	21 39	24 56			n.a.
T 15	22 31	8 24	3 13	24 17	0 36	8 50	1 54	26 52	4 33	6 52	1 37	9 14	2 32	19 27	0 45	22 31	0 49	24 51	16 54	21 53	21 39	24 55			n.a.
W16	22 22	13 48	2 11	24 27	0 43	8 25	2 3	26 56	4 33	6 53	1 37	9 15	2 32	19 28	0 45	22 31	0 49	24 51	16 53	21 53	21 38	24 54			n.a.
T 17	22 13	18 41	1 0	24 36	0 50	8 0	2 12	27 0	4 33	6 54	1 38	9 16	2 33	19 29	0 45	22 31	0 49	24 50	16 53	21 53	21 38	24 53			n.a.
F 18	22 4	22 40	0s17	24 43	0 57	7 36	2 21	27 4	4 34	6 55	1 38	9 17	2 33	19 29	0 45	22 31	0 49	24 49	16 53	21 53	21 37	24 52			n.a.
S 19	21 54	25 17	1 35	24 50	1 3	7 11	2 30	27 7	4 34	6 56	1 38	9 18	2 33	19 30	0 45	22 31	0 49	24 49	16 52	21 53	21 37	24 52			n.a.
S 20	21 44	26 9	2 48	24 55	1 10	6 47	2 40	27 10	4 34	6 57	1 39	9 19	2 33	19 31	0 45	22 31	0 49	24 48	16 52	21 53	21 36	24 51			n.a.
M21	21 34	25 3	3 50	24 59	1 16	6 24	2 49	27 13	4 34	6 58	1 39	9 20	2 34	19 31	0 45	22 32	0 49	24 48	16 52	21 52	21 36	24 50			n.a.
T 22	21 23	22 5	4 36	25 1	1 21	6 0	2 59	27 16	4 34	6 59	1 39	9 21	2 34	19 32	0 45	22 32	0 49	24 47	16 52	21 50	21 35	24 49			n.a.
W23	21 11	17 39	5 2	25 2	1 27	5 37	3 9	27 19	4 33	7 1	1 39	9 22	2 34	19 33	0 45	22 32	0 49	24 46	16 52	21 49	21 34	24 48			n.a.
T 24	21 0	12 12	5 6	25 2	1 32	5 14	3 19	27 21	4 33	7 2	1 40	9 23	2 34	19 33	0 45	22 32	0 49	24 46	16 51	21 48	21 34	24 47			n.a.
F 25	20 47	6 14	4 51	25 0	1 37	4 51	3 29	27 24	4 33	7 3	1 40	9 25	2 35	19 34	0 45	22 32	0 49	24 45	16 51	21 47	21 33	24 46			n.a.
S 26	20 35	0 9	4 19	24 56	1 41	4 29	3 39	27 26	4 32	7 5	1 40	9 26	2 35	19 35	0 45	22 32	0 49	24 44	16 51	21 46	21 33	24 45			n.a.
S 27	20 22	5n44	3 34	24 51	1 45	4 7	3 49	27 27	4 31	7 7	1 40	9 27	2 35	19 35	0 45	22 33	0 49	24 44	16 51	21 46	21 32	24 45			n.a.
M28	20 9	11 12	2 39	24 45	1 49	3 46	4 0	27 29	4 31	7 8	1 41	9 29	2 35	19 36	0 45	22 33	0 49	24 43	16 50	21 46	21 32	24 44			n.a.
T 29	19 55	16 3	1 37	24 36	1 52	3 26	4 10	27 30	4 30	7 10	1 41	9 30	2 35	19 37	0 45	22 33	0 49	24 42	16 50	21 46	21 31	24 43			n.a.
W30	19 41	20 6	0 32	24 26	1 55	3 5	4 21	27 32	4 29	7 12	1 41	9 31	2 36	19 37	0 45	22 33	0 49	24 42	16 50	21 46	21 30	24 42			n.a.
T 31	19s27	23n13	0n33	24s15	1s58	2s46	4n31	27n33	4n28	7n13	1n42	9n33	2n36	19n38	0n45	22s33	0n49	24s41	16s50	21n46	21n30	24n41			n.a.

Julian Day Number = 1487297.5, Delta T = 05h17m40s
Ecliptic obliquity = 23°46'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'35, Lahiri = -12°48'34 Julian Calendar 1 Jan. 641 BCE == Greg. Calendar 25 Dec. 642 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

FEBRUARY 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 13 45	5♒18'14	24♊59	21♉22	12♓59	12°R56	15°R45	11°R58	6°R27	19♐41	6♓43	6°R54	5♊19	29♋13	n.a.	F 1
S 2	8 17 41	6°18'10	6♋52	23° 4	13°21	12♋37	15♍40	11♍55	6♌25	19°43	6°45	6♊49	5°16	29°20	n.a.	S 2
S 3	8 21 38	7°18'04	18°42	24°47	13°41	12°20	15°36	11°51	6°22	19°44	6°46	6°43	5°13	29°26	n.a.	S 3
M 4	8 25 34	8°17'56	0♌32	26°31	13°59	12° 3	15°31	11°48	6°20	19°46	6°47	6°33	5°10	29°33	n.a.	M 4
T 5	8 29 31	9°17'46	12°24	28°16	14°15	11°47	15°26	11°45	6°17	19°48	6°49	6°22	5° 7	29°40	n.a.	T 5
W 6	8 33 27	10°17'34	24°20	0♒ 2	14°28	11°31	15°21	11°41	6°14	19°49	6°50	6° 9	5° 3	29°46	n.a.	W 6
T 7	8 37 24	11°17'19	6♍20	1°49	14°40	11°16	15°16	11°38	6°12	19°51	6°51	5°57	5° 0	29°53	n.a.	T 7
F 8	8 41 20	12°17'03	18°27	3°37	14°50	11° 2	15°11	11°34	6° 9	19°53	6°53	5°45	4°57	29°59	n.a.	F 8
S 9	8 45 17	13°16'44	0♎42	5°27	14°57	10°49	15° 5	11°30	6° 7	19°54	6°54	5°36	4°54	0♌ 6	n.a.	S 9
S 10	8 49 13	14°16'24	13° 7	7°18	15° 2	10°36	15° 0	11°26	6° 4	19°56	6°55	5°29	4°51	0°13	n.a.	S 10
M11	8 53 10	15°16'02	25°45	9°10	15° 4	10°24	14°54	11°23	6° 1	19°57	6°57	5°25	4°48	0°20	n.a.	M11
T 12	8 57 7	16°15'38	8♏39	11° 3	15°R 4	10°13	14°48	11°19	5°59	19°59	6°58	5°23	4°44	0°26	n.a.	T 12
W13	9 1 3	17°15'12	21°54	12°57	15° 2	10° 3	14°42	11°15	5°56	20° 0	6°59	5°D23	4°41	0°33	n.a.	W13
T 14	9 5 0	18°14'44	5♐32	14°53	14°57	9°53	14°36	11°11	5°54	20° 1	7° 1	5°R23	4°38	0°40	n.a.	T 14
F 15	9 8 56	19°14'15	19°35	16°50	14°50	9°45	14°30	11° 7	5°51	20° 3	7° 2	5°23	4°35	0°47	n.a.	F 15
S 16	9 12 53	20°13'44	4♑ 3	18°47	14°40	9°37	14°23	11° 3	5°49	20° 4	7° 4	5°20	4°32	0°53	n.a.	S 16
S 17	9 16 49	21°13'10	18°53	20°46	14°28	9°30	14°17	10°59	5°46	20° 6	7° 5	5°15	4°28	1° 0	n.a.	S 17
M18	9 20 46	22°12'35	4♒ 1	22°46	14°13	9°23	14°10	10°54	5°44	20° 7	7° 6	5° 7	4°25	1° 7	n.a.	M18
T 19	9 24 42	23°11'58	19°15	24°46	13°56	9°18	14° 4	10°50	5°41	20° 8	7° 8	4°57	4°22	1°13	n.a.	T 19
W20	9 28 39	24°11'18	4♓26	26°47	13°36	9°13	13°57	10°46	5°39	20° 9	7° 9	4°46	4°19	1°20	n.a.	W20
T 21	9 32 36	25°10'36	19°23	28°49	13°14	9° 9	13°50	10°42	5°36	20°11	7°11	4°35	4°16	1°27	n.a.	T 21
F 22	9 36 32	26° 9'52	3♈56	0♓51	12°50	9° 6	13°43	10°37	5°34	20°12	7°12	4°25	4°13	1°34	n.a.	F 22
S 23	9 40 29	27° 9'05	18° 2	2°54	12°24	9° 3	13°36	10°33	5°32	20°13	7°13	4°18	4° 9	1°40	n.a.	S 23
S 24	9 44 25	28° 8'16	1♉37	4°56	11°56	9° 2	13°29	10°28	5°29	20°14	7°15	4°14	4° 6	1°47	n.a.	S 24
M25	9 48 22	29° 7'25	14°43	6°58	11°25	9° 1	13°22	10°24	5°27	20°15	7°16	4°12	4° 3	1°54	n.a.	M25
T 26	9 52 18	0♓ 6'31	27°24	9° 0	10°53	9°D 1	13°14	10°20	5°25	20°16	7°18	4°11	4° 0	2° 0	n.a.	T 26
W27	9 56 15	1° 5'35	9♊45	11° 0	10°20	9° 1	13° 7	10°15	5°22	20°17	7°19	4°11	3°57	2° 7	n.a.	W27
T 28	10 0 11	2° 4'37	21°51	13° 0	9°45	9° 3	13° 0	10°11	5°20	20°18	7°21	4°10	3°53	2°14	n.a.	T 28
F 29	10 4 8	3♓ 3'36	3♋46	14♓58	9♓ 9	9♋ 5	12♍52	10♍ 6	5♌18	20♐19	7♓22	4♊ 8	3♊50	2♌20	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19s12	25n16	1n35	24s 1	2s 0	2s27	4n42	27n33	4n27	7n15	1n42	9n34	2n36	19n39	0n45	22s33	0n49	24s40	16s50	21n46	21n29	24n40		n.a.	F 1
S 2	18 57	26 8	2 33	23 46	2 2	2 8	4 53	27 34	4 25	7 17	1 42	9 36	2 36	19 39	0 45	22 33	0 49	24 40	16 49	21 45	21 29	24 39		n.a.	S 2
S 3	18 42	25 49	3 24	23 29	2 3	1 51	5 3	27 35	4 24	7 19	1 42	9 37	2 36	19 40	0 45	22 33	0 49	24 39	16 49	21 44	21 28	24 38		n.a.	S 3
M 4	18 27	24 19	4 6	23 11	2 4	1 34	5 14	27 35	4 23	7 21	1 42	9 38	2 37	19 41	0 45	22 34	0 49	24 38	16 49	21 42	21 28	24 37		n.a.	M 4
T 5	18 11	21 44	4 37	22 50	2 5	1 18	5 25	27 35	4 21	7 24	1 43	9 40	2 37	19 41	0 45	22 34	0 49	24 38	16 49	21 40	21 27	24 36		n.a.	T 5
W 6	17 54	18 14	4 56	22 27	2 5	1 2	5 36	27 35	4 20	7 26	1 43	9 42	2 37	19 42	0 45	22 34	0 49	24 37	16 49	21 38	21 26	24 35		n.a.	W 6
T 7	17 38	13 59	5 2	22 3	2 4	0 48	5 46	27 35	4 18	7 28	1 43	9 43	2 37	19 43	0 45	22 34	0 49	24 36	16 49	21 36	21 26	24 34		n.a.	T 7
F 8	17 21	9 8	4 55	21 37	2 4	0 35	5 57	27 34	4 17	7 30	1 43	9 45	2 37	19 43	0 45	22 34	0 49	24 36	16 48	21 34	21 25	24 33		n.a.	F 8
S 9	17 4	3 54	4 34	21 9	2 2	0 22	6 8	27 34	4 15	7 33	1 44	9 46	2 38	19 44	0 45	22 34	0 49	24 35	16 48	21 32	21 25	24 32		n.a.	S 9
S 10	16 47	1s34	4 0	20 39	2 0	0 10	6 18	27 33	4 13	7 35	1 44	9 48	2 38	19 45	0 45	22 34	0 49	24 34	16 48	21 31	21 24	24 31		n.a.	S 10
M11	16 29	7 5	3 14	20 7	1 58	0n 0	6 29	27 32	4 12	7 37	1 44	9 50	2 38	19 45	0 45	22 34	0 49	24 34	16 48	21 30	21 23	24 30		n.a.	M11
T 12	16 11	12 26	2 17	19 32	1 55	0 9	6 39	27 32	4 10	7 40	1 44	9 51	2 38	19 46	0 45	22 34	0 49	24 33	16 48	21 30	21 23	24 29		n.a.	T 12
W13	15 53	17 21	1 11	18 57	1 52	0 18	6 49	27 30	4 8	7 42	1 44	9 53	2 38	19 47	0 45	22 35	0 49	24 32	16 48	21 30	21 22	24 28		n.a.	W13
T 14	15 34	21 32	0s 1	18 19	1 48	0 25	6 58	27 29	4 6	7 45	1 45	9 55	2 38	19 47	0 45	22 35	0 49	24 32	16 48	21 30	21 22	24 27		n.a.	T 14
F 15	15 16	24 36	1 14	17 39	1 43	0 31	7 8	27 28	4 4	7 48	1 45	9 56	2 39	19 48	0 45	22 35	0 49	24 31	16 48	21 30	21 21	24 26		n.a.	F 15
S 16	14 57	26 8	2 26	16 57	1 38	0 35	7 17	27 27	4 2	7 50	1 45	9 58	2 39	19 49	0 45	22 35	0 49	24 30	16 47	21 29	21 21	24 25		n.a.	S 16
S 17	14 38	25 52	3 29	16 14	1 32	0 38	7 25	27 25	4 0	7 53	1 45	10 0	2 39	19 49	0 45	22 35	0 49	24 30	16 47	21 28	21 20	24 24		n.a.	S 17
M18	14 18	23 42	4 18	15 28	1 26	0 40	7 34	27 24	3 58	7 56	1 45	10 1	2 39	19 50	0 45	22 35	0 49	24 29	16 47	21 27	21 19	24 23		n.a.	M18
T 19	13 58	19 50	4 50	14 41	1 19	0 41	7 41	27 22	3 56	7 58	1 45	10 3	2 39	19 50	0 45	22 35	0 49	24 28	16 47	21 25	21 19	24 22		n.a.	T 19
W20	13 39	14 40	5 1	13 53	1 12	0 40	7 49	27 21	3 54	8 1	1 45	10 5	2 39	19 51	0 45	22 35	0 49	24 28	16 47	21 23	21 18	24 21		n.a.	W20
T 21	13 19	8 42	4 51	13 2	1 4	0 38	7 55	27 19	3 52	8 4	1 46	10 7	2 39	19 52	0 45	22 35	0 49	24 27	16 47	21 21	21 18	24 20		n.a.	T 21
F 22	12 58	2 25	4 22	12 11	0 55	0 34	8 1	27 17	3 50	8 7	1 46	10 9	2 40	19 52	0 45	22 35	0 49	24 27	16 47	21 19	21 17	24 19		n.a.	F 22
S 23	12 38	3n49	3 38	11 18	0 46	0 29	8 7	27 15	3 48	8 10	1 46	10 10	2 40	19 53	0 45	22 35	0 49	24 26	16 47	21 18	21 16	24 18		n.a.	S 23
S 24	12 17	9 39	2 43	10 24	0 36	0 23	8 12	27 13	3 46	8 13	1 46	10 12	2 40	19 53	0 45	22 35	0 49	24 25	16 47	21 17	21 16	24 17		n.a.	S 24
M25	11 56	14 52	1 41	9 29	0 26	0 15	8 16	27 11	3 44	8 15	1 46	10 14	2 40	19 54	0 45	22 36	0 49	24 25	16 47	21 17	21 15	24 15		n.a.	M25
T 26	11 35	19 16	0 36	8 33	0 16	0 6	8 19	27 9	3 42	8 18	1 46	10 16	2 40	19 54	0 45	22 36	0 49	24 24	16 47	21 17	21 15	24 14		n.a.	T 26
W27	11 14	22 42	0n29	7 37	0 5	0s 5	8 21	27 7	3 40	8 21	1 46	10 18	2 40	19 55	0 45	22 36	0 49	24 24	16 47	21 17	21 14	24 13		n.a.	W27
T 28	10 53	25 3	1 32	6 40	0n 7	0 16	8 22	27 5	3 38	8 24	1 46	10 19	2 40	19 56	0 45	22 36	0 49	24 23	16 47	21 17	21 13	24 12		n.a.	T 28
F 29	10s31	26n13	2n29	5s43	0n18	0s29	8n23	27n 2	3n35	8n27	1n46	10n21	2n40	19n56	0n45	22s36	0n49	24s22	16s47	21n16	21n13	24n11		n.a.	F 29

Julian Day Number = 1487328.5, Delta T = 05h17m38s
Ecliptic obliquity = 23°46'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'30, Lahiri = -12°48'30 Julian Calendar 1 Feb. 641 BCE == Greg. Calendar 25 Jan. 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

MARCH 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 8 4	4♓ 2'32	15♋36	16♓54	8°R32	9♋ 7	12°R45	10°R 2	5°R16	20♐20	7♓24	4°R 3	3♊47	2♌27	n.a.	S 1
S 2	10 12 1	5° 1'27	27°25	18°47	7♓54	9°11	12♍37	9♍57	5♌13	20°21	7°25	3♊55	3°44	2°34	n.a.	S 2
M 3	10 15 58	6° 0'19	9♌17	20°38	7°16	9°15	12°30	9°52	5°11	20°22	7°26	3°44	3°41	2°41	n.a.	M 3
T 4	10 19 54	6°59'08	21°13	22°25	6°38	9°20	12°22	9°48	5° 9	20°23	7°28	3°32	3°38	2°47	n.a.	T 4
W 5	10 23 51	7°57'56	3♍15	24° 9	6° 0	9°25	12°14	9°43	5° 7	20°24	7°29	3°18	3°34	2°54	n.a.	W 5
T 6	10 27 47	8°56'41	15°25	25°50	5°22	9°31	12° 7	9°39	5° 5	20°25	7°31	3° 4	3°31	3° 1	n.a.	T 6
F 7	10 31 44	9°55'24	27°43	27°26	4°45	9°38	11°59	9°34	5° 3	20°25	7°32	2°51	3°28	3° 7	n.a.	F 7
S 8	10 35 40	10°54'06	10♎11	28°58	4° 8	9°46	11°51	9°30	5° 1	20°26	7°34	2°40	3°25	3°14	n.a.	S 8
S 9	10 39 37	11°52'45	22°48	0♈25	3°33	9°54	11°44	9°25	4°59	20°27	7°35	2°32	3°22	3°21	n.a.	S 9
M10	10 43 33	12°51'22	5♏37	1°48	2°59	10° 2	11°36	9°20	4°57	20°27	7°37	2°27	3°19	3°27	n.a.	M10
T 11	10 47 30	13°49'58	18°39	3° 5	2°27	10°12	11°28	9°16	4°55	20°28	7°38	2°25	3°15	3°34	n.a.	T 11
W12	10 51 27	14°48'32	1♐57	4°17	1°56	10°21	11°20	9°11	4°54	20°29	7°39	2°D24	3°12	3°41	n.a.	W12
T 13	10 55 23	15°47'04	15°31	5°24	1°27	10°32	11°13	9° 7	4°52	20°29	7°41	2°R24	3° 9	3°48	n.a.	T 13
F 14	10 59 20	16°45'34	29°25	6°25	1° 0	10°43	11° 5	9° 2	4°50	20°30	7°42	2°24	3° 6	3°54	n.a.	F 14
S 15	11 3 16	17°44'03	13♑39	7°21	0°35	10°54	10°58	8°58	4°48	20°30	7°44	2°22	3° 3	4° 1	n.a.	S 15
S 16	11 7 13	18°42'30	28°12	8°11	0°12	11° 6	10°50	8°53	4°47	20°31	7°45	2°17	2°59	4° 8	n.a.	S 16
M17	11 11 9	19°40'56	12♒59	8°55	29♒52	11°19	10°42	8°49	4°45	20°31	7°47	2°10	2°56	4°14	n.a.	M17
T 18	11 15 6	20°39'19	27°54	9°34	29°34	11°32	10°35	8°44	4°43	20°32	7°48	2° 1	2°53	4°21	n.a.	T 18
W19	11 19 2	21°37'41	12♓49	10° 6	29°18	11°46	10°27	8°40	4°42	20°32	7°49	1°50	2°50	4°28	n.a.	W19
T 20	11 22 59	22°36'00	27°34	10°33	29° 5	12° 0	10°20	8°36	4°40	20°32	7°51	1°40	2°47	4°35	n.a.	T 20
F 21	11 26 55	23°34'18	12♈ 1	10°54	28°54	12°15	10°13	8°31	4°39	20°33	7°52	1°31	2°44	4°41	n.a.	F 21
S 22	11 30 52	24°32'34	26° 5	11° 9	28°46	12°30	10° 5	8°27	4°38	20°33	7°54	1°24	2°40	4°48	n.a.	S 22
S 23	11 34 49	25°30'47	9♉42	11°18	28°40	12°46	9°58	8°23	4°36	20°33	7°55	1°20	2°37	4°55	n.a.	S 23
M24	11 38 45	26°28'59	22°52	11°R22	28°36	13° 2	9°51	8°18	4°35	20°33	7°56	1°18	2°34	5° 1	n.a.	M24
T 25	11 42 42	27°27'09	5♊37	11°20	28°D35	13°18	9°44	8°14	4°34	20°34	7°58	1°D17	2°31	5° 8	n.a.	T 25
W26	11 46 38	28°25'16	18° 1	11°12	28°36	13°35	9°37	8°10	4°32	20°34	7°59	1°18	2°28	5°15	n.a.	W26
T 27	11 50 35	29°23'22	0♋10	11° 0	28°40	13°53	9°30	8° 6	4°31	20°34	8° 1	1°R18	2°25	5°21	n.a.	T 27
F 28	11 54 31	0♈21'25	12° 7	10°43	28°45	14°11	9°23	8° 2	4°30	20°34	8° 2	1°18	2°21	5°28	n.a.	F 28
S 29	11 58 28	1°19'27	23°58	10°21	28°53	14°29	9°16	7°58	4°29	20°34	8° 3	1°15	2°18	5°35	n.a.	S 29
S 30	12 2 24	2°17'26	5♌49	9°56	29° 3	14°48	9°10	7°54	4°28	20°R34	8° 5	1°10	2°15	5°42	n.a.	S 30
M31	12 6 21	3♈15'23	17♌43	9♈27	29♒16	15♋ 7	9♍ 3	7♍50	4♌27	20♐34	8♓ 6	1♊ 3	2♊12	5♌48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s10	26n 9	3n20	4s47	0n30	0s44	8n22	27n 0	3n33	8n30	1n47	10n23	2n40	19n57	0n45	22s36	0n49	24s22	16s47	21n15	21n12	24n10		n.a.
S 2	9 48	24 55	4 2	3 51	0 42	0 59	8 21	26 58	3 31	8 33	1 47	10 25	2 40	19 57	0 45	22 36	0 49	24 21	16 47	21 14	21 12	24 9		n.a.
M 3	9 26	22 34	4 33	2 56	0 54	1 15	8 19	26 55	3 29	8 36	1 47	10 27	2 40	19 58	0 45	22 36	0 49	24 21	16 47	21 12	21 11	24 8		n.a.
T 4	9 4	19 14	4 53	2 2	1 6	1 32	8 16	26 53	3 27	8 39	1 47	10 28	2 40	19 58	0 45	22 36	0 49	24 20	16 46	21 9	21 10	24 6		n.a.
W 5	8 42	15 6	4 59	1 10	1 18	1 50	8 11	26 50	3 25	8 42	1 47	10 30	2 41	19 59	0 45	22 36	0 49	24 19	16 46	21 6	21 10	24 5		n.a.
T 6	8 20	10 19	4 53	0 19	1 30	2 8	8 6	26 48	3 23	8 45	1 47	10 32	2 41	19 59	0 45	22 36	0 49	24 19	16 46	21 4	21 9	24 4		n.a.
F 7	7 57	5 4	4 32	0n31	1 41	2 27	8 1	26 45	3 21	8 48	1 47	10 34	2 41	20 0	0 45	22 36	0 49	24 18	16 47	21 1	21 8	24 3		n.a.
S 8	7 35	0s26	3 59	1 18	1 52	2 47	7 54	26 43	3 19	8 51	1 47	10 36	2 41	20 0	0 45	22 36	0 49	24 18	16 47	20 59	21 8	24 2		n.a.
S 9	7 12	6 1	3 13	2 2	2 3	3 6	7 46	26 40	3 17	8 54	1 47	10 37	2 41	20 1	0 45	22 36	0 49	24 17	16 47	20 58	21 7	24 1		n.a.
M10	6 49	11 26	2 17	2 45	2 13	3 26	7 38	26 37	3 15	8 57	1 47	10 39	2 41	20 1	0 45	22 36	0 49	24 17	16 47	20 57	21 7	23 59		n.a.
T 11	6 27	16 28	1 12	3 25	2 22	3 46	7 29	26 34	3 13	9 0	1 47	10 41	2 41	20 1	0 45	22 36	0 49	24 16	16 47	20 56	21 6	23 58		n.a.
W12	6 4	20 48	0 2	4 2	2 31	4 6	7 19	26 32	3 10	9 3	1 47	10 43	2 41	20 2	0 45	22 36	0 49	24 16	16 47	20 56	21 5	23 57		n.a.
T 13	5 41	24 7	1s 9	4 36	2 39	4 26	7 9	26 29	3 8	9 6	1 47	10 44	2 41	20 2	0 45	22 36	0 49	24 15	16 47	20 56	21 5	23 56		n.a.
F 14	5 18	26 4	2 18	5 7	2 46	4 45	6 59	26 26	3 6	9 9	1 47	10 46	2 41	20 3	0 45	22 36	0 50	24 15	16 47	20 56	21 4	23 54		n.a.
S 15	4 55	26 23	3 20	5 36	2 53	5 4	6 47	26 23	3 4	9 12	1 47	10 48	2 41	20 3	0 45	22 36	0 50	24 14	16 47	20 55	21 4	23 53		n.a.
S 16	4 32	24 54	4 10	6 1	2 58	5 23	6 36	26 20	3 2	9 15	1 47	10 50	2 41	20 3	0 45	22 36	0 50	24 14	16 47	20 54	21 3	23 52		n.a.
M17	4 8	21 42	4 45	6 22	3 3	5 41	6 24	26 17	3 0	9 18	1 47	10 51	2 41	20 4	0 45	22 36	0 50	24 13	16 47	20 53	21 2	23 51		n.a.
T 18	3 45	17 4	5 1	6 41	3 6	5 59	6 12	26 14	2 59	9 21	1 47	10 53	2 41	20 4	0 45	22 36	0 50	24 13	16 47	20 51	21 2	23 50		n.a.
W19	3 22	11 23	4 56	6 56	3 8	6 16	5 59	26 11	2 57	9 23	1 47	10 55	2 41	20 5	0 45	22 36	0 50	24 12	16 47	20 49	21 1	23 48		n.a.
T 20	2 59	5 8	4 32	7 8	3 9	6 33	5 47	26 7	2 55	9 26	1 47	10 56	2 41	20 5	0 44	22 36	0 50	24 12	16 47	20 47	21 0	23 47		n.a.
F 21	2 35	1n17	3 50	7 16	3 9	6 48	5 34	26 4	2 53	9 29	1 47	10 58	2 41	20 5	0 44	22 36	0 50	24 11	16 47	20 45	21 0	23 46		n.a.
S 22	2 12	7 29	2 56	7 21	3 8	7 3	5 21	26 1	2 51	9 32	1 46	10 59	2 41	20 6	0 44	22 36	0 50	24 11	16 47	20 44	20 59	23 44		n.a.
S 23	1 48	13 9	1 52	7 22	3 6	7 18	5 8	25 57	2 49	9 34	1 46	11 1	2 41	20 6	0 44	22 36	0 50	24 10	16 47	20 43	20 59	23 43		n.a.
M24	1 25	18 2	0 45	7 20	3 2	7 31	4 55	25 54	2 47	9 37	1 46	11 3	2 40	20 6	0 44	22 36	0 50	24 10	16 48	20 42	20 58	23 42		n.a.
T 25	1 2	21 55	0n23	7 15	2 57	7 44	4 42	25 50	2 45	9 40	1 46	11 4	2 40	20 6	0 44	22 36	0 50	24 9	16 48	20 42	20 57	23 41		n.a.
W26	0 38	24 41	1 28	7 6	2 50	7 55	4 29	25 47	2 43	9 42	1 46	11 6	2 40	20 7	0 44	22 36	0 50	24 9	16 48	20 42	20 57	23 39		n.a.
T 27	0 15	26 14	2 28	6 54	2 42	8 6	4 16	25 43	2 42	9 45	1 46	11 7	2 40	20 7	0 44	22 36	0 50	24 9	16 48	20 43	20 56	23 38		n.a.
F 28	0n 9	26 32	3 20	6 38	2 33	8 16	4 4	25 39	2 40	9 47	1 46	11 9	2 40	20 7	0 44	22 36	0 50	24 8	16 48	20 42	20 55	23 37		n.a.
S 29	0 32	25 36	4 3	6 20	2 23	8 25	3 51	25 36	2 38	9 50	1 46	11 10	2 40	20 7	0 44	22 36	0 50	24 8	16 48	20 42	20 55	23 35		n.a.
S 30	0 55	23 31	4 36	6 0	2 11	8 33	3 39	25 32	2 36	9 52	1 46	11 12	2 40	20 8	0 44	22 36	0 50	24 7	16 48	20 41	20 54	23 34		n.a.
M31	1n19	20n26	4n56	5n36	1n59	8s40	3n26	25n28	2n34	9n55	1n45	11n13	2n40	20n 8	0n44	22s36	0n50	24s 7	16s48	20n39	20n53	23n33		n.a.

Julian Day Number = 1487357.5, Delta T = 05h17m37s
Ecliptic obliquity = 23°46'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'26, Lahiri = -12°48'26 Julian Calendar 1 March 641 BCE == Greg. Calendar 23 Feb. 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

APRIL 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 10 18	4♈13'19	29♌44	8°R55	29♒30	15♋26	8°R57	7°R46	4°R26	20°R34	8♓ 7	0°R54	2♊ 9	5♌55	n.a.	T 1
W 2	12 14 14	5°11'12	11♍53	8♈21	29°46	15°46	8♍51	7♍42	4♌25	20♐34	8° 9	0♊44	2° 5	6° 2	n.a.	W 2
T 3	12 18 11	6° 9'04	24°14	7°45	0♓ 4	16° 6	8°44	7°39	4°24	20°34	8°10	0°34	2° 2	6° 8	n.a.	T 3
F 4	12 22 7	7° 6'54	6♎46	7° 9	0°24	16°27	8°38	7°35	4°24	20°34	8°11	0°24	1°59	6°15	n.a.	F 4
S 5	12 26 4	8° 4'42	19°31	6°31	0°46	16°48	8°32	7°31	4°23	20°33	8°13	0°17	1°56	6°22	n.a.	S 5
S 6	12 30 0	9° 2'29	2♏27	5°55	1°10	17° 9	8°27	7°28	4°22	20°33	8°14	0°11	1°53	6°29	n.a.	S 6
M 7	12 33 57	10° 0'15	15°35	5°19	1°35	17°31	8°21	7°24	4°22	20°33	8°15	0° 8	1°50	6°35	n.a.	M 7
T 8	12 37 53	10°57'59	28°55	4°44	2° 2	17°53	8°15	7°21	4°21	20°33	8°16	0°D 7	1°46	6°42	n.a.	T 8
W 9	12 41 50	11°55'42	12♐26	4°12	2°30	18°15	8°10	7°17	4°20	20°32	8°18	0° 7	1°43	6°49	n.a.	W 9
T 10	12 45 47	12°53'24	26° 9	3°42	3° 0	18°38	8° 5	7°14	4°20	20°32	8°19	0° 9	1°40	6°55	n.a.	T 10
F 11	12 49 43	13°51'04	10♑ 5	3°16	3°31	19° 1	8° 0	7°11	4°20	20°32	8°20	0°R 9	1°37	7° 2	n.a.	F 11
S 12	12 53 40	14°48'44	24°13	2°53	4° 4	19°24	7°55	7° 8	4°19	20°31	8°21	0° 9	1°34	7° 9	n.a.	S 12
S 13	12 57 36	15°46'22	8♒32	2°33	4°38	19°48	7°50	7° 5	4°19	20°31	8°22	0° 7	1°30	7°16	n.a.	S 13
M14	13 1 33	16°43'59	22°58	2°18	5°14	20°12	7°45	7° 2	4°19	20°30	8°24	0° 3	1°27	7°22	n.a.	M14
T 15	13 5 29	17°41'35	7♓28	2° 7	5°50	20°36	7°41	6°59	4°18	20°30	8°25	29♉58	1°24	7°29	n.a.	T 15
W16	13 9 26	18°39'10	21°57	2° 0	6°28	21° 0	7°36	6°56	4°18	20°29	8°26	29°52	1°21	7°36	n.a.	W16
T 17	13 13 22	19°36'44	6♈18	1°D58	7° 7	21°25	7°32	6°53	4°18	20°29	8°27	29°45	1°18	7°42	n.a.	T 17
F 18	13 17 19	20°34'16	20°25	2° 0	7°47	21°50	7°28	6°50	4°D18	20°28	8°28	29°40	1°15	7°49	n.a.	F 18
S 19	13 21 15	21°31'47	4♉14	2° 7	8°28	22°16	7°24	6°48	4°18	20°28	8°29	29°36	1°11	7°56	n.a.	S 19
S 20	13 25 12	22°29'17	17°42	2°18	9°10	22°41	7°20	6°45	4°18	20°27	8°30	29°34	1° 8	8° 3	n.a.	S 20
M21	13 29 9	23°26'46	0♊47	2°34	9°53	23° 7	7°17	6°43	4°18	20°26	8°32	29°D33	1° 5	8° 9	n.a.	M21
T 22	13 33 5	24°24'13	13°32	2°54	10°37	23°33	7°13	6°40	4°18	20°25	8°33	29°34	1° 2	8°16	n.a.	T 22
W23	13 37 2	25°21'39	25°57	3°19	11°21	24° 0	7°10	6°38	4°19	20°25	8°34	29°35	0°59	8°23	n.a.	W23
T 24	13 40 58	26°19'04	8♋ 7	3°48	12° 7	24°26	7° 7	6°36	4°19	20°24	8°35	29°37	0°56	8°29	n.a.	T 24
F 25	13 44 55	27°16'27	20° 7	4°21	12°54	24°53	7° 4	6°34	4°19	20°23	8°36	29°38	0°52	8°36	n.a.	F 25
S 26	13 48 51	28°13'49	2♌ 0	4°58	13°41	25°20	7° 2	6°32	4°20	20°22	8°37	29°R38	0°49	8°43	n.a.	S 26
S 27	13 52 48	29°11'10	13°53	5°39	14°29	25°48	6°59	6°30	4°20	20°22	8°38	29°37	0°46	8°50	n.a.	S 27
M28	13 56 45	0♉ 8'29	25°49	6°23	15°18	26°15	6°57	6°28	4°21	20°21	8°39	29°35	0°43	8°56	n.a.	M28
T 29	14 0 41	1° 5'48	7♍53	7°12	16° 7	26°43	6°55	6°26	4°21	20°20	8°40	29°31	0°40	9° 3	n.a.	T 29
W30	14 4 38	2♉ 3'05	20♍ 8	8♈ 4	16♓57	27♋11	6♍53	6♍25	4♌22	20♐19	8♓41	29♉27	0♊36	9♌10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n42	16n28	5n 4	5n11	1n45	8s47	3n14	25n24	2n33	9n57	1n45	11n14	2n40	20n 8	0n44	22s36	0n50	24s 7	16s49	20n37	20n53	23n31		n.a.
W 2	2 5	11 47	4 59	4 44	1 30	8 52	3 2	25 20	2 31	9 59	1 45	11 16	2 40	20 8	0 44	22 36	0 50	24 6	16 49	20 35	20 52	23 30		n.a.
T 3	2 29	6 35	4 39	4 16	1 15	8 57	2 50	25 15	2 29	10 1	1 45	11 17	2 40	20 8	0 44	22 36	0 50	24 6	16 49	20 33	20 52	23 29		n.a.
F 4	2 52	1 2	4 6	3 46	0 59	9 1	2 39	25 11	2 28	10 3	1 45	11 18	2 40	20 9	0 44	22 36	0 50	24 5	16 49	20 31	20 51	23 27		n.a.
S 5	3 15	4s39	3 20	3 16	0 42	9 4	2 27	25 7	2 26	10 6	1 45	11 20	2 39	20 9	0 44	22 36	0 50	24 5	16 49	20 30	20 50	23 26		n.a.
S 6	3 38	10 15	2 23	2 46	0 26	9 6	2 16	25 2	2 24	10 8	1 44	11 21	2 39	20 9	0 44	22 36	0 50	24 5	16 49	20 28	20 50	23 25		n.a.
M 7	4 1	15 30	1 17	2 16	0 9	9 7	2 5	24 58	2 23	10 10	1 44	11 22	2 39	20 9	0 44	22 36	0 50	24 4	16 50	20 28	20 49	23 23		n.a.
T 8	4 24	20 5	0 7	1 47	0s 8	9 7	1 55	24 53	2 21	10 12	1 44	11 23	2 39	20 9	0 44	22 36	0 50	24 4	16 50	20 28	20 48	23 22		n.a.
W 9	4 47	23 41	1s 6	1 18	0 25	9 6	1 44	24 49	2 19	10 13	1 44	11 24	2 39	20 9	0 44	22 36	0 50	24 4	16 50	20 28	20 48	23 20		n.a.
T 10	5 10	25 59	2 16	0 51	0 42	9 5	1 34	24 44	2 18	10 15	1 44	11 26	2 39	20 9	0 44	22 36	0 50	24 3	16 50	20 28	20 47	23 19		n.a.
F 11	5 32	26 41	3 19	0 26	0 58	9 3	1 24	24 39	2 16	10 17	1 43	11 27	2 39	20 9	0 44	22 36	0 50	24 3	16 50	20 28	20 46	23 18		n.a.
S 12	5 55	25 40	4 10	0 2	1 13	9 0	1 14	24 34	2 14	10 19	1 43	11 28	2 39	20 9	0 44	22 36	0 50	24 3	16 51	20 28	20 46	23 16		n.a.
S 13	6 17	23 0	4 47	0s19	1 28	8 56	1 5	24 29	2 13	10 20	1 43	11 29	2 38	20 9	0 44	22 36	0 50	24 3	16 51	20 28	20 45	23 15		n.a.
M14	6 40	18 52	5 6	0 38	1 42	8 52	0 56	24 24	2 11	10 22	1 43	11 30	2 38	20 9	0 44	22 36	0 50	24 2	16 51	20 27	20 44	23 13		n.a.
T 15	7 2	13 36	5 6	0 55	1 55	8 47	0 46	24 18	2 10	10 23	1 43	11 31	2 38	20 9	0 44	22 36	0 50	24 2	16 51	20 26	20 44	23 12		n.a.
W16	7 24	7 36	4 46	1 9	2 8	8 41	0 38	24 13	2 8	10 25	1 42	11 32	2 38	20 9	0 44	22 36	0 50	24 2	16 52	20 24	20 43	23 10		n.a.
T 17	7 47	1 16	4 9	1 20	2 19	8 34	0 29	24 8	2 7	10 26	1 42	11 33	2 38	20 9	0 44	22 36	0 50	24 2	16 52	20 23	20 42	23 9		n.a.
F 18	8 9	5n 4	3 16	1 29	2 30	8 27	0 21	24 2	2 5	10 28	1 42	11 33	2 38	20 9	0 44	22 36	0 50	24 1	16 52	20 22	20 42	23 7		n.a.
S 19	8 30	11 1	2 13	1 35	2 39	8 19	0 13	23 56	2 4	10 29	1 42	11 34	2 37	20 9	0 44	22 36	0 50	24 1	16 52	20 21	20 41	23 6		n.a.
S 20	8 52	16 19	1 4	1 38	2 48	8 10	0 5	23 51	2 2	10 30	1 41	11 35	2 37	20 9	0 44	22 36	0 50	24 1	16 52	20 20	20 40	23 5		n.a.
M21	9 14	20 43	0n 7	1 38	2 55	8 1	0s 3	23 45	2 1	10 31	1 41	11 36	2 37	20 9	0 43	22 35	0 50	24 1	16 53	20 20	20 40	23 3		n.a.
T 22	9 35	23 59	1 15	1 36	3 2	7 51	0 10	23 39	1 59	10 32	1 41	11 36	2 37	20 9	0 43	22 35	0 50	24 1	16 53	20 20	20 39	23 2		n.a.
W23	9 57	26 2	2 19	1 32	3 8	7 41	0 18	23 33	1 58	10 33	1 41	11 37	2 37	20 9	0 43	22 35	0 50	24 0	16 53	20 21	20 38	23 0		n.a.
T 24	10 18	26 46	3 15	1 24	3 12	7 29	0 25	23 26	1 56	10 34	1 40	11 38	2 37	20 9	0 43	22 35	0 50	24 0	16 54	20 21	20 38	22 59		n.a.
F 25	10 39	26 13	4 1	1 15	3 16	7 18	0 31	23 20	1 55	10 35	1 40	11 38	2 36	20 9	0 43	22 35	0 50	24 0	16 54	20 21	20 37	22 57		n.a.
S 26	11 0	24 29	4 37	1 2	3 19	7 5	0 38	23 14	1 54	10 36	1 40	11 39	2 36	20 9	0 43	22 35	0 50	24 0	16 54	20 21	20 36	22 56		n.a.
S 27	11 20	21 41	5 1	0 48	3 21	6 52	0 44	23 7	1 52	10 36	1 40	11 40	2 36	20 9	0 43	22 35	0 50	24 0	16 54	20 21	20 36	22 54		n.a.
M28	11 41	17 58	5 12	0 31	3 22	6 39	0 51	23 0	1 51	10 37	1 39	11 40	2 36	20 8	0 43	22 35	0 50	24 0	16 55	20 21	20 35	22 53		n.a.
T 29	12 1	13 30	5 9	0 12	3 22	6 25	0 57	22 54	1 49	10 38	1 39	11 41	2 36	20 8	0 43	22 35	0 50	23 59	16 55	20 20	20 34	22 51		n.a.
W30	12n21	8n26	4n53	0n 9	3s22	6s11	1s 2	22n47	1n48	10n38	1n39	11n41	2n35	20n 8	0n43	22s35	0n50	23s59	16s55	20n19	20n34	22n49		n.a.

Julian Day Number = 1487388.5, Delta T = 05h17m35s
Ecliptic obliquity = 23°46'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'22, Lahiri = -12°48'22 Julian Calendar 1 Apr. 641 BCE == Greg. Calendar 25 March 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

MAY 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 8 34	3♉ 0'20	2♎37	9♈ 0	17♓48	27♋39	6°R51	6°R23	4♌22	20°R18	8♓42	29°R23	0♊33	9♌16	n.a.	T 1
F 2	14 12 31	3°57'35	15°22	9°59	18°39	28° 8	6♍49	6♍22	4°23	20♐17	8°43	29♉19	0°30	9°23	n.a.	F 2
S 3	14 16 27	4°54'49	28°23	11° 1	19°31	28°36	6°48	6°20	4°24	20°16	8°43	29°16	0°27	9°30	n.a.	S 3
S 4	14 20 24	5°52'03	11♏40	12° 7	20°24	29° 5	6°47	6°19	4°25	20°15	8°44	29°14	0°24	9°36	n.a.	S 4
M 5	14 24 20	6°49'15	25°11	13°16	21°17	29°34	6°45	6°18	4°25	20°14	8°45	29°D13	0°21	9°43	n.a.	M 5
T 6	14 28 17	7°46'27	8♐55	14°28	22°11	0♌ 4	6°45	6°17	4°26	20°13	8°46	29°13	0°17	9°50	n.a.	T 6
W 7	14 32 14	8°43'38	22°50	15°44	23° 5	0°33	6°44	6°16	4°27	20°12	8°47	29°14	0°14	9°57	n.a.	W 7
T 8	14 36 10	9°40'49	6♑53	17° 2	24° 0	1° 3	6°43	6°15	4°28	20°11	8°48	29°15	0°11	10° 3	n.a.	T 8
F 9	14 40 7	10°38'00	21° 2	18°24	24°55	1°33	6°43	6°14	4°29	20°10	8°49	29°16	0° 8	10°10	n.a.	F 9
S 10	14 44 3	11°35'10	5♒15	19°49	25°51	2° 3	6°43	6°14	4°31	20° 8	8°49	29°R17	0° 5	10°17	n.a.	S 10
S 11	14 48 0	12°32'20	19°29	21°16	26°47	2°33	6°D43	6°13	4°32	20° 7	8°50	29°17	0° 2	10°24	n.a.	S 11
M12	14 51 56	13°29'30	3♓42	22°47	27°44	3° 3	6°43	6°13	4°33	20° 6	8°51	29°16	29♉58	10°30	n.a.	M12
T 13	14 55 53	14°26'39	17°51	24°20	28°41	3°34	6°43	6°12	4°34	20° 5	8°52	29°15	29°55	10°37	n.a.	T 13
W14	14 59 49	15°23'49	1♈54	25°57	29°39	4° 5	6°44	6°12	4°35	20° 4	8°52	29°13	29°52	10°44	n.a.	W14
T 15	15 3 46	16°20'58	15°47	27°36	0♈37	4°36	6°44	6°12	4°37	20° 2	8°53	29°12	29°49	10°50	n.a.	T 15
F 16	15 7 43	17°18'06	29°27	29°18	1°35	5° 7	6°45	6°D12	4°38	20° 1	8°54	29°10	29°46	10°57	n.a.	F 16
S 17	15 11 39	18°15'15	12♉53	1♉ 3	2°34	5°38	6°46	6°12	4°40	20° 0	8°54	29° 9	29°42	11° 4	n.a.	S 17
S 18	15 15 36	19°12'23	26° 3	2°51	3°33	6°10	6°48	6°12	4°41	19°58	8°55	29°D 9	29°39	11°11	n.a.	S 18
M19	15 19 32	20° 9'31	8♊56	4°42	4°32	6°41	6°49	6°12	4°43	19°57	8°55	29° 9	29°36	11°17	n.a.	M19
T 20	15 23 29	21° 6'38	21°32	6°35	5°32	7°13	6°51	6°12	4°44	19°56	8°56	29°10	29°33	11°24	n.a.	T 20
W21	15 27 25	22° 3'46	3♋53	8°30	6°32	7°45	6°52	6°13	4°46	19°54	8°57	29°10	29°30	11°31	n.a.	W21
T 22	15 31 22	23° 0'52	16° 2	10°28	7°33	8°17	6°54	6°13	4°48	19°53	8°57	29°11	29°27	11°37	n.a.	T 22
F 23	15 35 18	23°57'59	28° 2	12°29	8°33	8°49	6°56	6°14	4°50	19°51	8°58	29°11	29°23	11°44	n.a.	F 23
S 24	15 39 15	24°55'05	9♌56	14°31	9°34	9°22	6°59	6°14	4°51	19°50	8°58	29°12	29°20	11°51	n.a.	S 24
S 25	15 43 12	25°52'10	21°49	16°35	10°36	9°54	7° 1	6°15	4°53	19°49	8°59	29°R12	29°17	11°58	n.a.	S 25
M26	15 47 8	26°49'16	3♍45	18°41	11°37	10°27	7° 4	6°16	4°55	19°47	8°59	29°12	29°14	12° 4	n.a.	M26
T 27	15 51 5	27°46'21	15°50	20°48	12°39	11° 0	7° 7	6°17	4°57	19°46	8°59	29°12	29°11	12°11	n.a.	T 27
W28	15 55 1	28°43'25	28° 7	22°57	13°41	11°33	7°10	6°18	4°59	19°44	9° 0	29°D12	29° 8	12°18	n.a.	W28
T 29	15 58 58	29°40'30	10♎39	25° 6	14°44	12° 6	7°13	6°19	5° 1	19°43	9° 0	29°12	29° 4	12°24	n.a.	T 29
F 30	16 2 54	0♊37'34	23°31	27°16	15°46	12°40	7°16	6°21	5° 3	19°41	9° 1	29°12	29° 1	12°31	n.a.	F 30
S 31	16 6 51	1♊34'38	6♏43	29♉26	16♈49	13♌13	7♍20	6♍22	5♌ 5	19♐40	9♓ 1	29♉12	28♉58	12♌38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	12n41	2n56	4n22	0n33	3s21	5s56	1s 8	22n40	1n47	10n39	1n39	11n41	2n35	20n 8	0n43	22s35	0n50	23s59	16s55	20n18	20n33	22n48			n.a.
F 2	13 1	2s48	3 38	0 58	3 19	5 40	1 13	22 33	1 45	10 39	1 38	11 42	2 35	20 8	0 43	22 35	0 50	23 59	16 56	20 17	20 32	22 46			n.a.
S 3	13 20	8 32	2 41	1 26	3 16	5 24	1 19	22 25	1 44	10 39	1 38	11 42	2 35	20 8	0 43	22 35	0 50	23 59	16 56	20 16	20 32	22 45			n.a.
S 4	13 40	14 2	1 35	1 55	3 12	5 8	1 24	22 18	1 43	10 39	1 38	11 42	2 35	20 7	0 43	22 34	0 50	23 59	16 56	20 16	20 31	22 43			n.a.
M 5	13 59	18 58	0 22	2 26	3 8	4 51	1 28	22 10	1 41	10 40	1 38	11 43	2 34	20 7	0 43	22 34	0 50	23 59	16 57	20 16	20 30	22 42			n.a.
T 6	14 18	22 58	0s53	2 58	3 3	4 34	1 33	22 3	1 40	10 40	1 37	11 43	2 34	20 7	0 43	22 34	0 50	23 59	16 57	20 16	20 30	22 40			n.a.
W 7	14 36	25 41	2 6	3 33	2 58	4 16	1 38	21 55	1 39	10 40	1 37	11 43	2 34	20 7	0 43	22 34	0 50	23 59	16 57	20 16	20 29	22 39			n.a.
T 8	14 55	26 48	3 13	4 9	2 51	3 58	1 42	21 47	1 37	10 40	1 37	11 43	2 34	20 6	0 43	22 34	0 50	23 59	16 58	20 16	20 28	22 37			n.a.
F 9	15 13	26 11	4 8	4 47	2 45	3 40	1 46	21 39	1 36	10 40	1 36	11 43	2 34	20 6	0 43	22 34	0 50	23 59	16 58	20 17	20 28	22 35			n.a.
S 10	15 31	23 52	4 48	5 26	2 37	3 21	1 50	21 31	1 35	10 39	1 36	11 43	2 33	20 6	0 43	22 34	0 50	23 59	16 58	20 17	20 27	22 34			n.a.
S 11	15 49	20 5	5 11	6 6	2 30	3 1	1 54	21 23	1 34	10 39	1 36	11 43	2 33	20 5	0 43	22 34	0 50	23 59	16 59	20 17	20 26	22 32			n.a.
M12	16 6	15 9	5 14	6 48	2 21	2 42	1 57	21 15	1 32	10 39	1 36	11 43	2 33	20 5	0 43	22 34	0 50	23 59	16 59	20 17	20 26	22 31			n.a.
T 13	16 24	9 26	4 59	7 31	2 13	2 22	2 0	21 6	1 31	10 38	1 35	11 43	2 33	20 5	0 43	22 34	0 50	23 59	16 59	20 16	20 25	22 29			n.a.
W14	16 41	3 17	4 26	8 15	2 3	2 2	2 4	20 58	1 30	10 38	1 35	11 43	2 32	20 4	0 43	22 34	0 50	23 59	17 0	20 16	20 24	22 27			n.a.
T 15	16 58	2n58	3 37	9 0	1 54	1 41	2 7	20 49	1 29	10 37	1 35	11 43	2 32	20 4	0 43	22 33	0 50	23 59	17 0	20 15	20 24	22 26			n.a.
F 16	17 14	9 0	2 37	9 46	1 44	1 20	2 10	20 40	1 27	10 37	1 34	11 43	2 32	20 4	0 43	22 33	0 50	23 59	17 0	20 15	20 23	22 24			n.a.
S 17	17 30	14 31	1 29	10 33	1 33	0 59	2 12	20 31	1 26	10 36	1 34	11 43	2 32	20 3	0 43	22 33	0 50	23 59	17 1	20 15	20 22	22 22			n.a.
S 18	17 46	19 16	0 17	11 20	1 23	0 38	2 15	20 22	1 25	10 35	1 34	11 42	2 32	20 3	0 43	22 33	0 50	23 59	17 1	20 15	20 22	22 21			n.a.
M19	18 2	22 59	0n54	12 8	1 12	0 16	2 17	20 13	1 24	10 35	1 34	11 42	2 31	20 2	0 43	22 33	0 50	23 59	17 1	20 15	20 21	22 19			n.a.
T 20	18 17	25 30	2 1	12 57	1 1	0n 6	2 20	20 3	1 23	10 34	1 33	11 42	2 31	20 2	0 42	22 33	0 50	23 59	17 2	20 15	20 20	22 17			n.a.
W21	18 32	26 44	3 1	13 45	0 49	0 28	2 22	19 54	1 21	10 33	1 33	11 41	2 31	20 1	0 42	22 33	0 50	23 59	17 2	20 15	20 19	22 16			n.a.
T 22	18 47	26 37	3 51	14 34	0 38	0 50	2 24	19 44	1 20	10 32	1 33	11 41	2 31	20 1	0 42	22 33	0 50	23 59	17 2	20 15	20 19	22 14			n.a.
F 23	19 2	25 16	4 31	15 22	0 27	1 13	2 26	19 34	1 19	10 31	1 32	11 41	2 31	20 1	0 42	22 33	0 50	23 59	17 3	20 15	20 18	22 12			n.a.
S 24	19 16	22 48	4 59	16 10	0 15	1 35	2 27	19 25	1 18	10 30	1 32	11 40	2 30	20 0	0 42	22 33	0 50	24 0	17 3	20 16	20 17	22 11			n.a.
S 25	19 30	19 22	5 14	16 58	0 4	1 58	2 29	19 15	1 17	10 28	1 32	11 40	2 30	20 0	0 42	22 32	0 50	24 0	17 3	20 16	20 17	22 9			n.a.
M26	19 43	15 9	5 16	17 44	0n 7	2 21	2 30	19 4	1 16	10 27	1 32	11 39	2 30	19 59	0 42	22 32	0 50	24 0	17 4	20 16	20 16	22 7			n.a.
T 27	19 56	10 19	5 4	18 29	0 17	2 45	2 32	18 54	1 14	10 26	1 31	11 39	2 30	19 59	0 42	22 32	0 50	24 0	17 4	20 16	20 15	22 6			n.a.
W28	20 9	5 0	4 37	19 13	0 28	3 8	2 33	18 44	1 13	10 24	1 31	11 38	2 29	19 58	0 42	22 32	0 50	24 0	17 4	20 16	20 15	22 4			n.a.
T 29	20 22	0s38	3 58	19 55	0 38	3 32	2 34	18 33	1 12	10 23	1 31	11 37	2 29	19 58	0 42	22 32	0 50	24 0	17 5	20 16	20 14	22 2			n.a.
F 30	20 34	6 24	3 5	20 35	0 47	3 55	2 35	18 23	1 11	10 21	1 30	11 37	2 29	19 57	0 42	22 32	0 50	24 1	17 5	20 16	20 13	22 1			n.a.
S 31	20n46	12s 2	2n 1	21n14	0n56	4n19	2s35	18n12	1n10	10n20	1n30	11n36	2n29	19n56	0n42	22s32	0n50	24s 1	17s 5	20n16	20n12	21n59			n.a.

Julian Day Number = 1487418.5, Delta T = 05h17m34s
Ecliptic obliquity = 23°46'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'18, Lahiri = -12°48'18 Julian Calendar 1 May 641 BCE == Greg. Calendar 24 Apr. 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

JUNE 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 10 48	2♊31'43	20♏17	1♊36	17♈52	13♌47	7♍23	6♍23	5♌ 7	19°R38	9♓ 1	29♉12	28♉55	12♌45	n.a.	S 1
M 2	16 14 44	3°28'47	4♐10	3°46	18°56	14°20	7°27	6°25	5°10	19♐37	9° 2	29°R12	28°52	12°51	n.a.	M 2
T 3	16 18 41	4°25'52	18°20	5°55	19°59	14°54	7°31	6°27	5°12	19°35	9° 2	29°12	28°48	12°58	n.a.	T 3
W 4	16 22 37	5°22'57	2♑42	8° 4	21° 3	15°28	7°35	6°28	5°14	19°34	9° 2	29°12	28°45	13° 5	n.a.	W 4
T 5	16 26 34	6°20'03	17°11	10°11	22° 7	16° 2	7°40	6°30	5°16	19°32	9° 2	29°11	28°42	13°11	n.a.	T 5
F 6	16 30 30	7°17'09	1♒43	12°18	23°11	16°36	7°44	6°32	5°19	19°30	9° 3	29°10	28°39	13°18	n.a.	F 6
S 7	16 34 27	8°14'15	16°10	14°23	24°16	17°11	7°49	6°34	5°21	19°29	9° 3	29° 9	28°36	13°25	n.a.	S 7
S 8	16 38 23	9°11'22	0♓31	16°27	25°21	17°45	7°53	6°36	5°24	19°27	9° 3	29° 9	28°33	13°32	n.a.	S 8
M 9	16 42 20	10° 8'30	14°40	18°29	26°25	18°20	7°58	6°39	5°26	19°26	9° 3	29°D 9	28°29	13°38	n.a.	M 9
T 10	16 46 17	11° 5'39	28°37	20°30	27°30	18°55	8° 3	6°41	5°29	19°24	9° 3	29° 9	28°26	13°45	n.a.	T 10
W11	16 50 13	12° 2'48	12♈20	22°29	28°36	19°30	8° 9	6°43	5°31	19°22	9° 3	29°10	28°23	13°52	n.a.	W11
T 12	16 54 10	12°59'58	25°50	24°27	29°41	20° 5	8°14	6°46	5°34	19°21	9° 4	29°11	28°20	13°58	n.a.	T 12
F 13	16 58 6	13°57'09	9♉ 5	26°22	0♉47	20°40	8°20	6°48	5°37	19°19	9° 4	29°12	28°17	14° 5	n.a.	F 13
S 14	17 2 3	14°54'21	22° 7	28°16	1°53	21°15	8°25	6°51	5°39	19°18	9° 4	29°13	28°13	14°12	n.a.	S 14
S 15	17 5 59	15°51'33	4♊55	0♋ 9	2°59	21°50	8°31	6°54	5°42	19°16	9° 4	29°R13	28°10	14°19	n.a.	S 15
M16	17 9 56	16°48'46	17°31	1°59	4° 5	22°26	8°37	6°57	5°45	19°14	9°R 4	29°12	28° 7	14°25	n.a.	M16
T 17	17 13 53	17°46'00	29°55	3°48	5°11	23° 1	8°43	7° 0	5°48	19°13	9° 4	29°10	28° 4	14°32	n.a.	T 17
W18	17 17 49	18°43'14	12♋ 8	5°34	6°18	23°37	8°49	7° 3	5°50	19°11	9° 4	29° 8	28° 1	14°39	n.a.	W18
T 19	17 21 46	19°40'30	24°12	7°20	7°24	24°13	8°56	7° 6	5°53	19°10	9° 4	29° 5	27°58	14°46	n.a.	T 19
F 20	17 25 42	20°37'45	6♌10	9° 3	8°31	24°49	9° 2	7° 9	5°56	19° 8	9° 4	29° 1	27°54	14°52	n.a.	F 20
S 21	17 29 39	21°35'02	18° 2	10°44	9°38	25°25	9° 9	7°12	5°59	19° 6	9° 3	28°58	27°51	14°59	n.a.	S 21
S 22	17 33 35	22°32'18	29°54	12°24	10°45	26° 1	9°16	7°16	6° 2	19° 5	9° 3	28°56	27°48	15° 6	n.a.	S 22
M23	17 37 32	23°29'36	11♍49	14° 2	11°52	26°38	9°23	7°19	6° 5	19° 3	9° 3	28°54	27°45	15°12	n.a.	M23
T 24	17 41 28	24°26'54	23°52	15°38	13° 0	27°14	9°30	7°23	6° 8	19° 1	9° 3	28°D53	27°42	15°19	n.a.	T 24
W25	17 45 25	25°24'13	6♎ 7	17°13	14° 7	27°51	9°37	7°26	6°11	19° 0	9° 3	28°54	27°39	15°26	n.a.	W25
T 26	17 49 22	26°21'32	18°38	18°45	15°15	28°27	9°44	7°30	6°14	18°58	9° 3	28°55	27°35	15°33	n.a.	T 26
F 27	17 53 18	27°18'52	1♏29	20°16	16°22	29° 4	9°52	7°34	6°17	18°57	9° 2	28°57	27°32	15°39	n.a.	F 27
S 28	17 57 15	28°16'13	14°45	21°45	17°30	29°41	9°59	7°37	6°20	18°55	9° 2	28°58	27°29	15°46	n.a.	S 28
S 29	18 1 11	29°13'35	28°26	23°13	18°38	0♍18	10° 7	7°41	6°24	18°53	9° 2	28°R59	27°26	15°53	n.a.	S 29
M30	18 5 8	0♋10'58	12♐32	24♋38	19♉46	0♍55	10♍15	7♍45	6♌27	18♐52	9♓ 2	28♉58	27♉23	15♌59	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n57	17s16	0n49	21n50	1n 5	4n43	2s36	18n 1	1n 9	10n18	1n30	11n35	2n28	19n56	0n42	22s32	0n50	24s 1	17s 6	20n16	20n12	21n57		n.a.
M 2	21 9	21 43	0s27	22 23	1 13	5 6	2 36	17 50	1 8	10 17	1 30	11 34	2 28	19 55	0 42	22 31	0 50	24 1	17 6	20 16	20 11	21 55		n.a.
T 3	21 19	24 59	1 44	22 54	1 20	5 30	2 37	17 39	1 7	10 15	1 29	11 33	2 28	19 55	0 42	22 31	0 50	24 1	17 7	20 16	20 10	21 54		n.a.
W 4	21 30	26 40	2 55	23 23	1 26	5 54	2 37	17 28	1 5	10 13	1 29	11 33	2 28	19 54	0 42	22 31	0 50	24 2	17 7	20 15	20 10	21 52		n.a.
T 5	21 40	26 32	3 55	23 48	1 32	6 18	2 37	17 16	1 4	10 11	1 29	11 32	2 28	19 54	0 42	22 31	0 50	24 2	17 7	20 15	20 9	21 50		n.a.
F 6	21 50	24 37	4 41	24 11	1 37	6 42	2 37	17 5	1 3	10 9	1 29	11 31	2 27	19 53	0 42	22 31	0 50	24 2	17 8	20 15	20 8	21 48		n.a.
S 7	21 59	21 6	5 8	24 32	1 42	7 6	2 37	16 53	1 2	10 7	1 28	11 30	2 27	19 52	0 42	22 31	0 50	24 2	17 8	20 15	20 8	21 46		n.a.
S 8	22 8	16 22	5 16	24 49	1 46	7 31	2 37	16 42	1 1	10 5	1 28	11 29	2 27	19 52	0 42	22 31	0 50	24 3	17 8	20 15	20 7	21 45		n.a.
M 9	22 17	10 47	5 5	25 4	1 49	7 55	2 36	16 30	1 0	10 3	1 28	11 28	2 27	19 51	0 42	22 31	0 50	24 3	17 9	20 15	20 6	21 43		n.a.
T 10	22 25	4 46	4 36	25 16	1 51	8 19	2 36	16 18	0 59	10 1	1 28	11 27	2 27	19 50	0 42	22 31	0 50	24 3	17 9	20 15	20 5	21 41		n.a.
W11	22 33	1n24	3 51	25 26	1 53	8 43	2 35	16 6	0 58	9 59	1 27	11 26	2 26	19 50	0 42	22 30	0 50	24 3	17 10	20 15	20 5	21 39		n.a.
T 12	22 41	7 25	2 54	25 33	1 54	9 7	2 35	15 53	0 57	9 56	1 27	11 24	2 26	19 49	0 42	22 30	0 50	24 4	17 10	20 15	20 4	21 38		n.a.
F 13	22 48	13 0	1 49	25 37	1 54	9 30	2 34	15 41	0 56	9 54	1 27	11 23	2 26	19 48	0 42	22 30	0 50	24 4	17 10	20 16	20 3	21 36		n.a.
S 14	22 54	17 55	0 39	25 39	1 54	9 54	2 33	15 29	0 55	9 52	1 26	11 22	2 26	19 48	0 42	22 30	0 50	24 4	17 11	20 16	20 3	21 34		n.a.
S 15	23 1	21 56	0n31	25 39	1 53	10 18	2 32	15 16	0 54	9 49	1 26	11 21	2 25	19 47	0 42	22 30	0 50	24 5	17 11	20 16	20 2	21 32		n.a.
M16	23 7	24 49	1 39	25 37	1 51	10 41	2 31	15 3	0 53	9 47	1 26	11 20	2 25	19 46	0 42	22 30	0 50	24 5	17 11	20 16	20 1	21 30		n.a.
T 17	23 12	26 28	2 41	25 32	1 49	11 5	2 30	14 51	0 52	9 44	1 26	11 18	2 25	19 46	0 42	22 30	0 50	24 5	17 12	20 15	20 0	21 28		n.a.
W18	23 17	26 46	3 35	25 26	1 47	11 28	2 28	14 38	0 51	9 41	1 25	11 17	2 25	19 45	0 42	22 30	0 50	24 6	17 12	20 15	20 0	21 27		n.a.
T 19	23 22	25 48	4 18	25 17	1 43	11 52	2 27	14 25	0 50	9 39	1 25	11 16	2 25	19 44	0 42	22 29	0 50	24 6	17 12	20 14	19 59	21 25		n.a.
F 20	23 26	23 39	4 49	25 7	1 40	12 15	2 26	14 12	0 49	9 36	1 25	11 14	2 24	19 43	0 42	22 29	0 50	24 6	17 13	20 13	19 58	21 23		n.a.
S 21	23 30	20 31	5 8	24 55	1 36	12 37	2 24	13 58	0 48	9 33	1 25	11 13	2 24	19 43	0 42	22 29	0 50	24 7	17 13	20 12	19 57	21 21		n.a.
S 22	23 34	16 32	5 14	24 42	1 31	13 0	2 23	13 45	0 47	9 30	1 24	11 11	2 24	19 42	0 42	22 29	0 50	24 7	17 14	20 12	19 57	21 19		n.a.
M23	23 37	11 55	5 6	24 27	1 26	13 23	2 21	13 31	0 46	9 28	1 24	11 10	2 24	19 41	0 42	22 29	0 50	24 8	17 14	20 12	19 56	21 17		n.a.
T 24	23 39	6 49	4 45	24 10	1 20	13 45	2 19	13 18	0 45	9 25	1 24	11 8	2 24	19 40	0 42	22 29	0 50	24 8	17 14	20 11	19 55	21 15		n.a.
W25	23 42	1 22	4 10	23 53	1 14	14 7	2 17	13 4	0 44	9 22	1 24	11 7	2 23	19 39	0 42	22 29	0 50	24 8	17 15	20 12	19 55	21 14		n.a.
T 26	23 43	4s16	3 23	23 34	1 8	14 29	2 15	12 50	0 43	9 19	1 24	11 5	2 23	19 39	0 41	22 29	0 50	24 9	17 15	20 12	19 54	21 12		n.a.
F 27	23 45	9 54	2 25	23 14	1 1	14 50	2 13	12 37	0 42	9 16	1 23	11 4	2 23	19 38	0 41	22 28	0 50	24 9	17 15	20 12	19 53	21 10		n.a.
S 28	23 46	15 16	1 17	22 53	0 54	15 12	2 11	12 23	0 41	9 12	1 23	11 2	2 23	19 37	0 41	22 28	0 50	24 10	17 16	20 12	19 52	21 8		n.a.
S 29	23 46	20 2	0 3	22 31	0 47	15 33	2 9	12 8	0 40	9 9	1 23	11 0	2 23	19 36	0 41	22 28	0 50	24 10	17 16	20 13	19 52	21 6		n.a.
M30	23n46	23s50	1s13	22n 8	0n39	15n53	2s 7	11n54	0n39	9n 6	1n23	10n58	2n22	19n35	0n41	22s28	0n50	24s11	17s16	20n12	19n51	21n 4		n.a.

Julian Day Number = 1487449.5, Delta T = 05h17m32s
Ecliptic obliquity = 23°46'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'14, Lahiri = -12°48'13 Julian Calendar 1 June 641 BCE == Greg. Calendar 25 May 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

JULY 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 9 4	1♋ 8'22	27♐ 1	26♋ 2	20♉55	1♍32	10♍23	7♍50	6♌30	18°R50	9°R 1	28°R56	27♉19	16♌ 6	n.a.	T 1
W 2	18 13 1	2° 5'47	11♑47	27°24	22° 3	2° 9	10°31	7°54	6°33	18♐49	9♓ 1	28♉52	27°16	16°13	n.a.	W 2
T 3	18 16 57	3° 3'13	26°43	28°43	23°12	2°47	10°39	7°58	6°37	18°47	9° 1	28°48	27°13	16°20	n.a.	T 3
F 4	18 20 54	4° 0'41	11♒39	0♌ 1	24°20	3°24	10°48	8° 2	6°40	18°46	9° 0	28°43	27°10	16°26	n.a.	F 4
S 5	18 24 51	4°58'10	26°29	1°17	25°29	4° 2	10°56	8° 7	6°43	18°44	9° 0	28°38	27° 7	16°33	n.a.	S 5
S 6	18 28 47	5°55'40	11♓ 3	2°31	26°38	4°39	11° 4	8°11	6°47	18°42	8°59	28°35	27° 4	16°40	n.a.	S 6
M 7	18 32 44	6°53'12	25°19	3°42	27°47	5°17	11°13	8°16	6°50	18°41	8°59	28°32	27° 0	16°47	n.a.	M 7
T 8	18 36 40	7°50'45	9♈14	4°52	28°56	5°55	11°22	8°20	6°53	18°39	8°58	28°D32	26°57	16°53	n.a.	T 8
W 9	18 40 37	8°48'20	22°48	5°59	0♊ 6	6°33	11°31	8°25	6°57	18°38	8°58	28°33	26°54	17° 0	n.a.	W 9
T 10	18 44 33	9°45'57	6♉ 3	7° 3	1°15	7°11	11°40	8°30	7° 0	18°36	8°57	28°34	26°51	17° 7	n.a.	T 10
F 11	18 48 30	10°43'36	19° 0	8° 5	2°24	7°49	11°49	8°34	7° 4	18°35	8°57	28°35	26°48	17°13	n.a.	F 11
S 12	18 52 26	11°41'16	1♊42	9° 5	3°34	8°28	11°58	8°39	7° 7	18°33	8°56	28°R35	26°45	17°20	n.a.	S 12
S 13	18 56 23	12°38'58	14°13	10° 2	4°44	9° 6	12° 7	8°44	7°11	18°32	8°56	28°34	26°41	17°27	n.a.	S 13
M14	19 0 20	13°36'41	26°32	10°56	5°54	9°44	12°17	8°49	7°14	18°31	8°55	28°31	26°38	17°34	n.a.	M14
T 15	19 4 16	14°34'26	8♋43	11°46	7° 4	10°23	12°26	8°54	7°18	18°29	8°55	28°25	26°35	17°40	n.a.	T 15
W16	19 8 13	15°32'13	20°47	12°34	8°14	11° 2	12°36	9° 0	7°21	18°28	8°54	28°18	26°32	17°47	n.a.	W16
T 17	19 12 9	16°30'01	2♌45	13°18	9°24	11°40	12°46	9° 5	7°25	18°26	8°53	28° 9	26°29	17°54	n.a.	T 17
F 18	19 16 6	17°27'51	14°39	13°59	10°34	12°19	12°55	9°10	7°29	18°25	8°53	28° 0	26°25	18° 1	n.a.	F 18
S 19	19 20 2	18°25'42	26°31	14°35	11°44	12°58	13° 5	9°15	7°32	18°24	8°52	27°51	26°22	18° 7	n.a.	S 19
S 20	19 23 59	19°23'34	8♍22	15° 8	12°55	13°37	13°15	9°21	7°36	18°22	8°51	27°43	26°19	18°14	n.a.	S 20
M21	19 27 56	20°21'28	20°16	15°36	14° 5	14°16	13°25	9°26	7°39	18°21	8°51	27°36	26°16	18°21	n.a.	M21
T 22	19 31 52	21°19'23	2♎17	16° 0	15°16	14°56	13°36	9°32	7°43	18°20	8°50	27°32	26°13	18°27	n.a.	T 22
W23	19 35 49	22°17'20	14°28	16°19	16°26	15°35	13°46	9°37	7°47	18°18	8°49	27°30	26°10	18°34	n.a.	W23
T 24	19 39 45	23°15'18	26°55	16°33	17°37	16°14	13°56	9°43	7°50	18°17	8°49	27°D30	26° 6	18°41	n.a.	T 24
F 25	19 43 42	24°13'18	9♏42	16°42	18°48	16°54	14° 7	9°49	7°54	18°16	8°48	27°31	26° 3	18°48	n.a.	F 25
S 26	19 47 38	25°11'19	22°53	16°R45	19°59	17°34	14°17	9°54	7°58	18°15	8°47	27°R32	26° 0	18°54	n.a.	S 26
S 27	19 51 35	26° 9'22	6♐32	16°42	21°10	18°13	14°28	10° 0	8° 2	18°13	8°46	27°31	25°57	19° 1	n.a.	S 27
M28	19 55 31	27° 7'26	20°40	16°33	22°21	18°53	14°39	10° 6	8° 5	18°12	8°45	27°29	25°54	19° 8	n.a.	M28
T 29	19 59 28	28° 5'32	5♑15	16°18	23°33	19°33	14°49	10°12	8° 9	18°11	8°45	27°25	25°51	19°14	n.a.	T 29
W30	20 3 25	29° 3'40	20°13	15°57	24°44	20°13	15° 0	10°18	8°13	18°10	8°44	27°18	25°47	19°21	n.a.	W30
T 31	20 7 21	0♌ 1'49	5♒25	15♌30	25♊55	20♍53	15♍11	10♍24	8♌17	18♐ 9	8♓43	27♉ 9	25♉44	19♌28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n46	26s11	2s27	21n44	0n31	16n14	2s 5	11n40	0n38	9n 3	1n22	10n57	2n22	19n35	0n41	22s28	0n50	24s11	17s17	20n12	19n50	21n 2		n.a.
W 2	23 45	26 46	3 32	21 20	0 22	16 34	2 2	11 25	0 37	8 59	1 22	10 55	2 22	19 34	0 41	22 28	0 50	24 11	17 17	20 11	19 49	21 0		n.a.
T 3	23 44	25 25	4 24	20 55	0 13	16 54	2 0	11 11	0 36	8 56	1 22	10 53	2 22	19 33	0 41	22 28	0 50	24 12	17 17	20 10	19 49	20 58		n.a.
F 4	23 43	22 17	4 57	20 30	0 4	17 13	1 57	10 56	0 35	8 53	1 22	10 51	2 22	19 32	0 41	22 28	0 50	24 12	17 18	20 9	19 48	20 56		n.a.
S 5	23 41	17 43	5 10	20 4	0s 5	17 33	1 55	10 42	0 34	8 49	1 22	10 50	2 22	19 31	0 41	22 28	0 50	24 13	17 18	20 8	19 47	20 54		n.a.
S 6	23 38	12 11	5 3	19 38	0 15	17 51	1 52	10 27	0 33	8 46	1 21	10 48	2 21	19 30	0 41	22 27	0 50	24 13	17 18	20 7	19 46	20 52		n.a.
M 7	23 35	6 7	4 38	19 12	0 24	18 10	1 50	10 12	0 32	8 42	1 21	10 46	2 21	19 29	0 41	22 27	0 50	24 14	17 19	20 7	19 46	20 50		n.a.
T 8	23 32	0n 6	3 56	18 46	0 34	18 28	1 47	9 57	0 31	8 39	1 21	10 44	2 21	19 28	0 41	22 27	0 50	24 14	17 19	20 7	19 45	20 49		n.a.
W 9	23 29	6 11	3 2	18 19	0 45	18 45	1 44	9 42	0 30	8 35	1 21	10 42	2 21	19 28	0 41	22 27	0 50	24 15	17 19	20 7	19 44	20 47		n.a.
T 10	23 24	11 51	1 59	17 53	0 55	19 2	1 42	9 27	0 29	8 31	1 20	10 40	2 21	19 27	0 41	22 27	0 50	24 15	17 20	20 7	19 44	20 45		n.a.
F 11	23 20	16 53	0 52	17 27	1 6	19 19	1 39	9 11	0 28	8 28	1 20	10 38	2 21	19 26	0 41	22 27	0 50	24 16	17 20	20 7	19 43	20 43		n.a.
S 12	23 15	21 4	0n17	17 1	1 16	19 36	1 36	8 56	0 27	8 24	1 20	10 36	2 20	19 25	0 41	22 27	0 50	24 16	17 20	20 7	19 42	20 41		n.a.
S 13	23 10	24 12	1 23	16 35	1 27	19 51	1 33	8 41	0 26	8 20	1 20	10 34	2 20	19 24	0 41	22 27	0 50	24 17	17 21	20 7	19 41	20 39		n.a.
M14	23 4	26 9	2 25	16 10	1 38	20 7	1 30	8 25	0 26	8 16	1 20	10 32	2 20	19 23	0 41	22 27	0 50	24 17	17 21	20 6	19 41	20 37		n.a.
T 15	22 58	26 48	3 19	15 45	1 49	20 22	1 27	8 9	0 25	8 12	1 19	10 30	2 20	19 22	0 41	22 27	0 50	24 18	17 21	20 5	19 40	20 35		n.a.
W16	22 51	26 9	4 4	15 21	2 0	20 36	1 24	7 54	0 24	8 9	1 19	10 28	2 20	19 21	0 41	22 26	0 50	24 18	17 22	20 4	19 39	20 33		n.a.
T 17	22 44	24 18	4 37	14 58	2 11	20 50	1 21	7 38	0 23	8 5	1 19	10 26	2 20	19 20	0 41	22 26	0 50	24 19	17 22	20 2	19 38	20 31		n.a.
F 18	22 37	21 24	4 58	14 36	2 22	21 3	1 18	7 22	0 22	8 1	1 19	10 23	2 19	19 19	0 41	22 26	0 50	24 19	17 22	19 59	19 38	20 29		n.a.
S 19	22 29	17 38	5 6	14 14	2 33	21 16	1 15	7 6	0 21	7 57	1 19	10 21	2 19	19 18	0 41	22 26	0 50	24 20	17 23	19 57	19 37	20 27		n.a.
S 20	22 21	13 11	5 1	13 54	2 44	21 29	1 12	6 50	0 20	7 53	1 19	10 19	2 19	19 17	0 41	22 26	0 50	24 20	17 23	19 56	19 36	20 25		n.a.
M21	22 12	8 13	4 43	13 36	2 55	21 40	1 9	6 34	0 19	7 48	1 18	10 17	2 19	19 16	0 41	22 26	0 50	24 21	17 23	19 54	19 35	20 23		n.a.
T 22	22 3	2 55	4 12	13 19	3 6	21 52	1 6	6 18	0 18	7 44	1 18	10 15	2 19	19 15	0 41	22 26	0 50	24 21	17 23	19 53	19 35	20 21		n.a.
W23	21 54	2s34	3 29	13 3	3 16	22 2	1 2	6 2	0 17	7 40	1 18	10 12	2 19	19 14	0 41	22 26	0 49	24 22	17 24	19 53	19 34	20 18		n.a.
T 24	21 44	8 5	2 36	12 49	3 26	22 12	0 59	5 45	0 17	7 36	1 18	10 10	2 19	19 14	0 41	22 26	0 49	24 23	17 24	19 53	19 33	20 16		n.a.
F 25	21 34	13 26	1 34	12 38	3 35	22 22	0 56	5 29	0 16	7 32	1 18	10 8	2 18	19 13	0 41	22 26	0 49	24 23	17 24	19 53	19 32	20 14		n.a.
S 26	21 24	18 21	0 25	12 29	3 44	22 31	0 53	5 13	0 15	7 27	1 18	10 5	2 18	19 12	0 41	22 26	0 49	24 24	17 25	19 53	19 31	20 12		n.a.
S 27	21 13	22 29	0s48	12 22	3 52	22 39	0 50	4 56	0 14	7 23	1 17	10 3	2 18	19 11	0 41	22 25	0 49	24 24	17 25	19 53	19 31	20 10		n.a.
M28	21 2	25 26	2 0	12 17	4 0	22 46	0 47	4 39	0 13	7 19	1 17	10 1	2 18	19 10	0 41	22 25	0 49	24 25	17 25	19 52	19 30	20 8		n.a.
T 29	20 50	26 47	3 7	12 15	4 6	22 54	0 43	4 23	0 12	7 14	1 17	9 58	2 18	19 9	0 41	22 25	0 49	24 25	17 25	19 51	19 29	20 6		n.a.
W30	20 38	26 13	4 2	12 16	4 12	23 0	0 40	4 6	0 11	7 10	1 17	9 56	2 18	19 8	0 41	22 25	0 49	24 26	17 26	19 50	19 28	20 4		n.a.
T 31	20n26	23s43	4s42	12n21	4s16	23n 6	0s37	3n49	0n10	7n 6	1n17	9n54	2n18	19n 7	0n41	22s25	0n49	24s26	17s26	19n48	19n28	20n 2		n.a.

Julian Day Number = 1487479.5, Delta T = 05h17m31s
Ecliptic obliquity = 23°46'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'10, Lahiri = -12°48'09 Julian Calendar 1 July 641 BCE == Greg. Calendar 24 June 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

AUGUST 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 11 18	1♌ 0'00	20♒41	14°R56	27♊ 7	21♍33	15♍22	10♍30	8♌20	18°R 8	8°R42	27°R 0	25♉41	19♌35	n.a.	F 1
S 2	20 15 14	1°58'14	5♓50	14♌17	28°19	22°13	15°33	10°36	8°24	18♐ 7	8♓41	26♉51	25°38	19°41	n.a.	S 2
S 3	20 19 11	2°56'29	20°43	13°32	29°30	22°54	15°44	10°42	8°28	18° 6	8°40	26°43	25°35	19°48	n.a.	S 3
M 4	20 23 7	3°54'46	5♈12	12°41	0♋42	23°34	15°56	10°48	8°32	18° 5	8°39	26°38	25°31	19°55	n.a.	M 4
T 5	20 27 4	4°53'06	19°14	11°47	1°54	24°14	16° 7	10°55	8°35	18° 4	8°38	26°35	25°28	20° 2	n.a.	T 5
W 6	20 31 0	5°51'28	2♉49	10°50	3° 6	24°55	16°18	11° 1	8°39	18° 3	8°37	26°D34	25°25	20° 8	n.a.	W 6
T 7	20 34 57	6°49'52	15°59	9°50	4°18	25°36	16°30	11° 7	8°43	18° 2	8°36	26°34	25°22	20°15	n.a.	T 7
F 8	20 38 53	7°48'18	28°48	8°49	5°30	26°16	16°41	11°14	8°47	18° 1	8°35	26°R34	25°19	20°22	n.a.	F 8
S 9	20 42 50	8°46'47	11♊19	7°48	6°42	26°57	16°53	11°20	8°51	18° 0	8°34	26°34	25°16	20°28	n.a.	S 9
S 10	20 46 47	9°45'18	23°37	6°49	7°55	27°38	17° 4	11°26	8°54	17°59	8°33	26°31	25°12	20°35	n.a.	S 10
M11	20 50 43	10°43'52	5♋45	5°54	9° 7	28°19	17°16	11°33	8°58	17°58	8°32	26°25	25° 9	20°42	n.a.	M11
T 12	20 54 40	11°42'27	17°46	5° 3	10°19	29° 0	17°28	11°39	9° 2	17°58	8°31	26°16	25° 6	20°49	n.a.	T 12
W13	20 58 36	12°41'05	29°43	4°17	11°32	29°41	17°40	11°46	9° 6	17°57	8°30	26° 5	25° 3	20°55	n.a.	W13
T 14	21 2 33	13°39'45	11♌36	3°39	12°45	0♎23	17°52	11°53	9° 9	17°56	8°29	25°52	25° 0	21° 2	n.a.	T 14
F 15	21 6 29	14°38'26	23°28	3° 8	13°57	1° 4	18° 4	11°59	9°13	17°55	8°28	25°38	24°57	21° 9	n.a.	F 15
S 16	21 10 26	15°37'10	5♍20	2°47	15°10	1°45	18°16	12° 6	9°17	17°55	8°27	25°24	24°53	21°16	n.a.	S 16
S 17	21 14 22	16°35'56	17°13	2°34	16°23	2°27	18°28	12°13	9°21	17°54	8°26	25°11	24°50	21°22	n.a.	S 17
M18	21 18 19	17°34'44	29°10	2°D32	17°36	3° 8	18°40	12°19	9°24	17°53	8°25	25° 1	24°47	21°29	n.a.	M18
T 19	21 22 16	18°33'33	11♎13	2°39	18°49	3°50	18°52	12°26	9°28	17°53	8°24	24°54	24°44	21°36	n.a.	T 19
W20	21 26 12	19°32'25	23°25	2°56	20° 2	4°32	19° 4	12°33	9°32	17°52	8°23	24°49	24°41	21°42	n.a.	W20
T 21	21 30 9	20°31'18	5♏50	3°22	21°15	5°14	19°16	12°40	9°36	17°52	8°22	24°47	24°37	21°49	n.a.	T 21
F 22	21 34 5	21°30'14	18°32	3°58	22°28	5°55	19°29	12°46	9°39	17°51	8°21	24°46	24°34	21°56	n.a.	F 22
S 23	21 38 2	22°29'11	1♐37	4°42	23°41	6°37	19°41	12°53	9°43	17°51	8°20	24°46	24°31	22° 3	n.a.	S 23
S 24	21 41 58	23°28'10	15° 7	5°35	24°54	7°20	19°54	13° 0	9°47	17°50	8°18	24°45	24°28	22° 9	n.a.	S 24
M25	21 45 55	24°27'11	29° 6	6°35	26° 8	8° 2	20° 6	13° 7	9°51	17°50	8°17	24°43	24°25	22°16	n.a.	M25
T 26	21 49 51	25°26'14	13♑34	7°43	27°21	8°44	20°18	13°14	9°54	17°49	8°16	24°37	24°22	22°23	n.a.	T 26
W27	21 53 48	26°25'19	28°27	8°57	28°35	9°26	20°31	13°21	9°58	17°49	8°15	24°29	24°18	22°29	n.a.	W27
T 28	21 57 45	27°24'26	13♒39	10°16	29°48	10° 9	20°44	13°28	10° 2	17°49	8°14	24°19	24°15	22°36	n.a.	T 28
F 29	22 1 41	28°23'35	29° 1	11°40	1♌ 2	10°51	20°56	13°35	10° 5	17°48	8°13	24° 8	24°12	22°43	n.a.	F 29
S 30	22 5 38	29°22'46	14♓19	13° 9	2°16	11°33	21° 9	13°42	10° 9	17°48	8°12	23°57	24° 9	22°50	n.a.	S 30
S 31	22 9 34	0♍21'59	29♓23	14♌41	3♌29	12♎16	21♍22	13♍49	10♌13	17♐48	8♓10	23♉48	24♉ 6	22♌56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n13	19s32	5s 1	12n28	4s19	23n11	0s34	3n33	0n10	7n 1	1n17	9n51	2n18	19n 6	0n41	22s25	0n49	24s27	17s26	19n46	19n27	20n 0		n.a.
S 2	20 0	14 7	4 59	12 38	4 20	23 15	0 31	3 16	0 9	6 57	1 16	9 49	2 18	19 5	0 41	22 25	0 49	24 28	17 26	19 44	19 26	19 58		n.a.
S 3	19 46	7 58	4 37	12 51	4 20	23 19	0 27	2 59	0 8	6 52	1 16	9 46	2 17	19 4	0 41	22 25	0 49	24 28	17 26	19 42	19 25	19 56		n.a.
M 4	19 33	1 32	3 58	13 7	4 17	23 22	0 24	2 42	0 7	6 48	1 16	9 44	2 17	19 3	0 41	22 25	0 49	24 29	17 27	19 41	19 25	19 53		n.a.
T 5	19 19	4n47	3 5	13 26	4 13	23 25	0 21	2 25	0 6	6 43	1 16	9 41	2 17	19 2	0 41	22 25	0 49	24 29	17 27	19 40	19 24	19 51		n.a.
W 6	19 4	10 42	2 3	13 48	4 7	23 26	0 18	2 8	0 5	6 38	1 16	9 39	2 17	19 1	0 41	22 25	0 49	24 30	17 27	19 40	19 23	19 49		n.a.
T 7	18 49	15 58	0 56	14 12	3 59	23 28	0 15	1 51	0 5	6 34	1 16	9 36	2 17	19 0	0 41	22 25	0 49	24 30	17 27	19 40	19 22	19 47		n.a.
F 8	18 34	20 22	0n12	14 37	3 49	23 28	0 12	1 34	0 4	6 29	1 16	9 34	2 17	18 59	0 41	22 25	0 49	24 31	17 28	19 40	19 22	19 45		n.a.
S 9	18 19	23 44	1 17	15 4	3 37	23 28	0 8	1 16	0 3	6 24	1 15	9 31	2 17	18 58	0 41	22 25	0 49	24 31	17 28	19 39	19 21	19 43		n.a.
S 10	18 3	25 55	2 18	15 33	3 24	23 27	0 5	0 59	0 2	6 20	1 15	9 28	2 17	18 57	0 41	22 25	0 49	24 32	17 28	19 39	19 20	19 41		n.a.
M11	17 47	26 50	3 11	16 1	3 8	23 25	0 2	0 42	0 1	6 15	1 15	9 26	2 17	18 56	0 41	22 25	0 49	24 33	17 28	19 37	19 19	19 39		n.a.
T 12	17 31	26 28	3 56	16 30	2 52	23 23	0n 1	0 25	0 0	6 10	1 15	9 23	2 17	18 55	0 41	22 25	0 49	24 33	17 28	19 35	19 18	19 36		n.a.
W13	17 14	24 52	4 29	16 58	2 34	23 20	0 4	0 7	0s 0	6 5	1 15	9 21	2 16	18 54	0 41	22 25	0 49	24 34	17 28	19 33	19 18	19 34		n.a.
T 14	16 57	22 11	4 51	17 25	2 15	23 16	0 7	0s10	0 1	6 0	1 15	9 18	2 16	18 53	0 41	22 24	0 49	24 34	17 29	19 29	19 17	19 32		n.a.
F 15	16 40	18 35	4 59	17 50	1 56	23 12	0 10	0 28	0 2	5 56	1 15	9 15	2 16	18 52	0 41	22 24	0 49	24 35	17 29	19 26	19 16	19 30		n.a.
S 16	16 23	14 15	4 55	18 14	1 37	23 7	0 13	0 45	0 3	5 51	1 15	9 13	2 16	18 51	0 41	22 24	0 49	24 35	17 29	19 23	19 15	19 28		n.a.
S 17	16 5	9 22	4 38	18 36	1 18	23 1	0 16	1 2	0 4	5 46	1 14	9 10	2 16	18 50	0 41	22 24	0 49	24 36	17 29	19 20	19 15	19 26		n.a.
M18	15 47	4 8	4 9	18 55	0 59	22 54	0 19	1 20	0 4	5 41	1 14	9 7	2 16	18 49	0 41	22 24	0 49	24 37	17 29	19 17	19 14	19 23		n.a.
T 19	15 28	1s19	3 28	19 11	0 40	22 47	0 21	1 37	0 5	5 36	1 14	9 5	2 16	18 48	0 41	22 24	0 49	24 37	17 29	19 15	19 13	19 21		n.a.
W20	15 10	6 47	2 37	19 25	0 23	22 39	0 24	1 55	0 6	5 31	1 14	9 2	2 16	18 47	0 41	22 24	0 49	24 38	17 29	19 14	19 12	19 19		n.a.
T 21	14 51	12 6	1 38	19 35	0 6	22 31	0 27	2 12	0 7	5 26	1 14	8 59	2 16	18 46	0 41	22 24	0 49	24 38	17 30	19 14	19 11	19 17		n.a.
F 22	14 32	17 3	0 33	19 42	0n10	22 22	0 30	2 30	0 7	5 21	1 14	8 57	2 16	18 45	0 41	22 24	0 48	24 39	17 30	19 14	19 11	19 15		n.a.
S 23	14 13	21 22	0s36	19 46	0 25	22 12	0 32	2 48	0 8	5 16	1 14	8 54	2 16	18 44	0 41	22 24	0 48	24 39	17 30	19 14	19 10	19 12		n.a.
S 24	13 53	24 40	1 45	19 46	0 39	22 1	0 35	3 5	0 9	5 11	1 14	8 51	2 16	18 43	0 41	22 24	0 48	24 40	17 30	19 13	19 9	19 10		n.a.
M25	13 33	26 37	2 50	19 43	0 51	21 50	0 38	3 23	0 10	5 6	1 14	8 48	2 16	18 42	0 41	22 24	0 48	24 40	17 30	19 13	19 8	19 8		n.a.
T 26	13 13	26 50	3 47	19 36	1 3	21 38	0 40	3 40	0 11	5 1	1 13	8 46	2 16	18 41	0 41	22 24	0 48	24 41	17 30	19 11	19 7	19 6		n.a.
W27	12 53	25 10	4 30	19 27	1 13	21 26	0 43	3 58	0 11	4 56	1 13	8 43	2 16	18 40	0 41	22 24	0 48	24 41	17 30	19 9	19 7	19 3		n.a.
T 28	12 33	21 39	4 55	19 14	1 22	21 13	0 45	4 15	0 12	4 51	1 13	8 40	2 16	18 39	0 41	22 24	0 48	24 42	17 30	19 7	19 6	19 1		n.a.
F 29	12 12	16 38	4 59	18 58	1 30	20 59	0 47	4 33	0 13	4 46	1 13	8 37	2 16	18 38	0 41	22 24	0 48	24 42	17 30	19 4	19 5	18 59		n.a.
S 30	11 51	10 34	4 42	18 39	1 36	20 44	0 50	4 50	0 14	4 40	1 13	8 35	2 16	18 37	0 41	22 24	0 48	24 43	17 30	19 1	19 4	18 57		n.a.
S 31	11n30	3s59	4s 5	18n17	1n42	20n29	0n52	5s 8	0s14	4n35	1n13	8n32	2n16	18n36	0n41	22s24	0n48	24s43	17s30	18n59	19n 4	18n54		n.a.

Julian Day Number = 1487510.5, Delta T = 05h17m29s
Ecliptic obliquity = 23°46'26, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'06, Lahiri = -12°48'05 Julian Calendar 1 Aug. 641 BCE == Greg. Calendar 25 July 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

SEPTEMBER 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 13 31	1♍21'15	14♈ 4	16♌16	4♌43	12♎59	21♍34	13♍56	10♌16	17°R48	8°R 9	23°R41	24♉ 3	23♌ 3	n.a.	M 1
T 2	22 17 27	2°20'32	28°17	17°54	5°57	13°41	21°47	14° 3	10°20	17♐48	8♓ 8	23♉37	23°59	23°10	n.a.	T 2
W 3	22 21 24	3°19'53	12♉ 0	19°33	7°11	14°24	22° 0	14°10	10°23	17°47	8° 7	23°35	23°56	23°17	n.a.	W 3
T 4	22 25 20	4°19'16	25°14	21°15	8°25	15° 7	22°13	14°17	10°27	17°47	8° 6	23°D34	23°53	23°23	n.a.	T 4
F 5	22 29 17	5°18'41	8♊ 4	22°57	9°39	15°50	22°26	14°24	10°30	17°47	8° 5	23°R34	23°50	23°30	n.a.	F 5
S 6	22 33 13	6°18'09	20°33	24°41	10°53	16°33	22°38	14°32	10°34	17°D47	8° 3	23°34	23°47	23°37	n.a.	S 6
S 7	22 37 10	7°17'39	2♋47	26°25	12° 7	17°16	22°51	14°39	10°37	17°47	8° 2	23°31	23°43	23°43	n.a.	S 7
M 8	22 41 7	8°17'12	14°50	28°10	13°21	17°59	23° 4	14°46	10°41	17°47	8° 1	23°26	23°40	23°50	n.a.	M 8
T 9	22 45 3	9°16'47	26°46	29°55	14°36	18°43	23°17	14°53	10°44	17°47	8° 0	23°18	23°37	23°57	n.a.	T 9
W10	22 49 0	10°16'24	8♌38	1♍40	15°50	19°26	23°30	15° 0	10°48	17°48	7°59	23° 7	23°34	24° 4	n.a.	W10
T 11	22 52 56	11°16'04	20°29	3°24	17° 4	20° 9	23°43	15° 7	10°51	17°48	7°58	22°54	23°31	24°10	n.a.	T 11
F 12	22 56 53	12°15'46	2♍22	5° 9	18°19	20°53	23°56	15°15	10°55	17°48	7°56	22°41	23°28	24°17	n.a.	F 12
S 13	23 0 49	13°15'29	14°17	6°53	19°33	21°36	24°10	15°22	10°58	17°48	7°55	22°27	23°24	24°24	n.a.	S 13
S 14	23 4 46	14°15'15	26°16	8°37	20°48	22°20	24°23	15°29	11° 1	17°48	7°54	22°15	23°21	24°31	n.a.	S 14
M15	23 8 42	15°15'03	8♎20	10°21	22° 2	23° 4	24°36	15°36	11° 5	17°49	7°53	22° 5	23°18	24°37	n.a.	M15
T 16	23 12 39	16°14'53	20°31	12° 4	23°17	23°47	24°49	15°43	11° 8	17°49	7°52	21°58	23°15	24°44	n.a.	T 16
W17	23 16 35	17°14'45	2♏51	13°47	24°31	24°31	25° 2	15°50	11°11	17°49	7°51	21°54	23°12	24°51	n.a.	W17
T 18	23 20 32	18°14'39	15°22	15°29	25°46	25°15	25°15	15°58	11°14	17°50	7°49	21°52	23° 8	24°57	n.a.	T 18
F 19	23 24 29	19°14'35	28° 7	17°10	27° 1	25°59	25°28	16° 5	11°17	17°50	7°48	21°D52	23° 5	25° 4	n.a.	F 19
S 20	23 28 25	20°14'33	11♐10	18°51	28°15	26°43	25°42	16°12	11°21	17°51	7°47	21°53	23° 2	25°11	n.a.	S 20
S 21	23 32 22	21°14'32	24°34	20°31	29°30	27°27	25°55	16°19	11°24	17°51	7°46	21°R53	22°59	25°18	n.a.	S 21
M22	23 36 18	22°14'33	8♑23	22°11	0♍45	28°11	26° 8	16°26	11°27	17°52	7°45	21°52	22°56	25°24	n.a.	M22
T 23	23 40 15	23°14'36	22°36	23°51	2° 0	28°56	26°21	16°33	11°30	17°52	7°44	21°48	22°53	25°31	n.a.	T 23
W24	23 44 11	24°14'41	7♒13	25°29	3°15	29°40	26°34	16°41	11°33	17°53	7°43	21°43	22°49	25°38	n.a.	W24
T 25	23 48 8	25°14'47	22° 9	27° 8	4°30	0♏24	26°48	16°48	11°36	17°53	7°41	21°35	22°46	25°45	n.a.	T 25
F 26	23 52 4	26°14'55	7♓16	28°45	5°45	1° 9	27° 1	16°55	11°39	17°54	7°40	21°26	22°43	25°51	n.a.	F 26
S 27	23 56 1	27°15'04	22°25	0♎23	7° 0	1°53	27°14	17° 2	11°42	17°55	7°39	21°18	22°40	25°58	n.a.	S 27
S 28	23 59 58	28°15'16	7♈26	1°59	8°15	2°38	27°27	17° 9	11°45	17°55	7°38	21°10	22°37	26° 5	n.a.	S 28
M29	0 3 54	29°15'29	22° 9	3°36	9°30	3°22	27°40	17°16	11°48	17°56	7°37	21° 5	22°34	26°11	n.a.	M29
T 30	0 7 51	0♎15'45	6♉27	5♎11	10♍45	4♏ 7	27♍54	17♍23	11♌50	17♐57	7♓36	21♉ 2	22♉30	26♌18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n 9	2n41	3s12	17n52	1n46	20n14	0n54	5s26	0s15	4n30	1n13	8n29	2n16	18n35	0n41	22s24	0n48	24s44	17s30	18n57	19n 3	18n52		n.a.
T 2	10 47	9 0	2 9	17 25	1 50	19 57	0 56	5 43	0 16	4 25	1 13	8 26	2 16	18 34	0 41	22 24	0 48	24 44	17 31	18 56	19 2	18 50		n.a.
W 3	10 25	14 41	1 1	16 56	1 52	19 41	0 59	6 1	0 17	4 20	1 13	8 23	2 16	18 33	0 41	22 24	0 48	24 45	17 31	18 56	19 1	18 48		n.a.
T 4	10 4	19 29	0n 9	16 25	1 54	19 23	1 1	6 18	0 17	4 15	1 13	8 21	2 15	18 32	0 41	22 24	0 48	24 45	17 31	18 56	19 0	18 45		n.a.
F 5	9 42	23 12	1 16	15 52	1 55	19 5	1 3	6 36	0 18	4 9	1 13	8 18	2 15	18 31	0 41	22 25	0 48	24 46	17 31	18 56	19 0	18 43		n.a.
S 6	9 19	25 43	2 18	15 17	1 55	18 47	1 5	6 53	0 19	4 4	1 13	8 15	2 15	18 30	0 41	22 25	0 48	24 46	17 31	18 55	18 59	18 41		n.a.
S 7	8 57	26 56	3 12	14 41	1 55	18 28	1 6	7 10	0 19	3 59	1 13	8 12	2 15	18 29	0 42	22 25	0 48	24 47	17 31	18 55	18 58	18 38		n.a.
M 8	8 35	26 51	3 56	14 3	1 53	18 8	1 8	7 28	0 20	3 54	1 12	8 9	2 15	18 28	0 42	22 25	0 48	24 47	17 31	18 53	18 57	18 36		n.a.
T 9	8 12	25 30	4 30	13 24	1 52	17 48	1 10	7 45	0 21	3 48	1 12	8 7	2 15	18 27	0 42	22 25	0 48	24 48	17 31	18 51	18 56	18 34		n.a.
W10	7 49	23 2	4 51	12 44	1 49	17 27	1 12	8 2	0 22	3 43	1 12	8 4	2 15	18 26	0 42	22 25	0 48	24 48	17 31	18 49	18 56	18 32		n.a.
T 11	7 26	19 36	5 0	12 3	1 47	17 6	1 13	8 20	0 22	3 38	1 12	8 1	2 15	18 25	0 42	22 25	0 48	24 49	17 31	18 45	18 55	18 29		n.a.
F 12	7 3	15 23	4 57	11 21	1 43	16 44	1 15	8 37	0 23	3 32	1 12	7 58	2 15	18 24	0 42	22 25	0 48	24 49	17 31	18 42	18 54	18 27		n.a.
S 13	6 40	10 33	4 40	10 39	1 40	16 22	1 16	8 54	0 24	3 27	1 12	7 55	2 16	18 23	0 42	22 25	0 48	24 49	17 31	18 38	18 53	18 25		n.a.
S 14	6 17	5 19	4 10	9 56	1 36	15 59	1 18	9 11	0 24	3 22	1 12	7 53	2 16	18 22	0 42	22 25	0 48	24 50	17 31	18 35	18 52	18 22		n.a.
M15	5 53	0s 9	3 29	9 12	1 31	15 36	1 19	9 28	0 25	3 17	1 12	7 50	2 16	18 22	0 42	22 25	0 48	24 50	17 30	18 33	18 51	18 20		n.a.
T 16	5 30	5 41	2 39	8 28	1 27	15 13	1 20	9 45	0 26	3 11	1 12	7 47	2 16	18 21	0 42	22 25	0 48	24 51	17 30	18 31	18 51	18 18		n.a.
W17	5 6	11 4	1 39	7 43	1 22	14 49	1 22	10 2	0 26	3 6	1 12	7 44	2 16	18 20	0 42	22 25	0 47	24 51	17 30	18 30	18 50	18 15		n.a.
T 18	4 43	16 7	0 35	6 59	1 17	14 24	1 23	10 19	0 27	3 1	1 12	7 41	2 16	18 19	0 42	22 25	0 47	24 52	17 30	18 29	18 49	18 13		n.a.
F 19	4 19	20 33	0s33	6 14	1 11	13 59	1 24	10 36	0 28	2 55	1 12	7 39	2 16	18 18	0 42	22 25	0 47	24 52	17 30	18 29	18 48	18 11		n.a.
S 20	3 55	24 6	1 41	5 28	1 6	13 34	1 25	10 53	0 28	2 50	1 12	7 36	2 16	18 17	0 42	22 25	0 47	24 52	17 30	18 29	18 47	18 8		n.a.
S 21	3 31	26 25	2 45	4 43	1 0	13 8	1 26	11 10	0 29	2 45	1 12	7 33	2 16	18 16	0 42	22 25	0 47	24 53	17 30	18 29	18 47	18 6		n.a.
M22	3 7	27 12	3 42	3 58	0 54	12 42	1 27	11 26	0 30	2 39	1 12	7 30	2 16	18 15	0 42	22 26	0 47	24 53	17 30	18 29	18 46	18 3		n.a.
T 23	2 43	26 14	4 27	3 12	0 48	12 16	1 27	11 43	0 30	2 34	1 12	7 27	2 16	18 15	0 42	22 26	0 47	24 53	17 30	18 28	18 45	18 1		n.a.
W24	2 19	23 29	4 55	2 27	0 42	11 49	1 28	12 0	0 31	2 29	1 12	7 25	2 16	18 14	0 42	22 26	0 47	24 54	17 30	18 27	18 44	17 59		n.a.
T 25	1 55	19 7	5 5	1 42	0 35	11 22	1 29	12 16	0 32	2 23	1 12	7 22	2 16	18 13	0 42	22 26	0 47	24 54	17 30	18 25	18 43	17 56		n.a.
F 26	1 31	13 29	4 54	0 57	0 29	10 55	1 29	12 32	0 32	2 18	1 12	7 19	2 16	18 12	0 42	22 26	0 47	24 54	17 30	18 22	18 43	17 54		n.a.
S 27	1 6	7 2	4 22	0 12	0 23	10 27	1 30	12 49	0 33	2 12	1 12	7 16	2 16	18 11	0 42	22 26	0 47	24 55	17 29	18 20	18 42	17 51		n.a.
S 28	0 42	0 15	3 32	0s33	0 16	9 59	1 30	13 5	0 34	2 7	1 12	7 14	2 16	18 11	0 42	22 26	0 47	24 55	17 29	18 18	18 41	17 49		n.a.
M29	0 18	6n27	2 29	1 18	0 10	9 31	1 31	13 21	0 34	2 2	1 12	7 11	2 16	18 10	0 42	22 26	0 47	24 55	17 29	18 17	18 40	17 47		n.a.
T 30	0s 6	12n38	1s18	2s 3	0n 3	9n 2	1n31	13s37	0s35	1n56	1n12	7n 8	2n16	18n 9	0n42	22s26	0n47	24s56	17s29	18n16	18n39	17n44		n.a.

Julian Day Number = 1487541.5, Delta T = 05h17m28s
Ecliptic obliquity = 23°46'27, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°55'01, Lahiri = -12°48'01 Julian Calendar 1 Sept. 641 BCE == Greg. Calendar 25 Aug. 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

OCTOBER 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 11 47	1♎16'03	20♉17	6♎47	12♍ 0	4♏52	28♍ 7	17♍30	11♌53	17♐58	7°R35	21°D 1	22♉27	26♌25	n.a.	W 1
T 2	0 15 44	2°16'23	3♊39	8°22	13°15	5°36	28°20	17°37	11°56	17°59	7♓34	21♉ 1	22°24	26°32	n.a.	T 2
F 3	0 19 40	3°16'45	16°35	9°56	14°30	6°21	28°33	17°44	11°59	17°59	7°33	21° 3	22°21	26°38	n.a.	F 3
S 4	0 23 37	4°17'09	29° 9	11°30	15°45	7° 6	28°47	17°51	12° 1	18° 0	7°32	21°R 4	22°18	26°45	n.a.	S 4
S 5	0 27 33	5°17'35	11♋24	13° 4	17° 1	7°51	29° 0	17°58	12° 4	18° 1	7°31	21° 4	22°14	26°52	n.a.	S 5
M 6	0 31 30	6°18'03	23°27	14°38	18°16	8°36	29°13	18° 5	12° 7	18° 2	7°30	21° 2	22°11	26°58	n.a.	M 6
T 7	0 35 27	7°18'33	5♌23	16°11	19°31	9°21	29°26	18°12	12° 9	18° 3	7°29	20°58	22° 8	27° 5	n.a.	T 7
W 8	0 39 23	8°19'06	17°14	17°44	20°46	10° 6	29°39	18°19	12°12	18° 4	7°28	20°52	22° 5	27°12	n.a.	W 8
T 9	0 43 20	9°19'39	29° 5	19°16	22° 2	10°52	29°52	18°26	12°14	18° 5	7°27	20°45	22° 2	27°19	n.a.	T 9
F 10	0 47 16	10°20'15	11♍ 0	20°48	23°17	11°37	0♎ 6	18°33	12°17	18° 6	7°26	20°37	21°59	27°25	n.a.	F 10
S 11	0 51 13	11°20'53	23° 0	22°20	24°33	12°22	0°19	18°40	12°19	18° 8	7°25	20°29	21°55	27°32	n.a.	S 11
S 12	0 55 9	12°21'32	5♎ 8	23°52	25°48	13° 8	0°32	18°46	12°21	18° 9	7°24	20°22	21°52	27°39	n.a.	S 12
M13	0 59 6	13°22'13	17°24	25°23	27° 3	13°53	0°45	18°53	12°24	18°10	7°23	20°17	21°49	27°46	n.a.	M13
T 14	1 3 2	14°22'55	29°49	26°54	28°19	14°39	0°58	19° 0	12°26	18°11	7°22	20°13	21°46	27°52	n.a.	T 14
W15	1 6 59	15°23'39	12♏25	28°25	29°34	15°24	1°11	19° 7	12°28	18°12	7°21	20°11	21°43	27°59	n.a.	W15
T 16	1 10 55	16°24'25	25°12	29°55	0♎50	16°10	1°24	19°13	12°30	18°14	7°20	20°D11	21°40	28° 6	n.a.	T 16
F 17	1 14 52	17°25'12	8♐11	1♏25	2° 5	16°55	1°37	19°20	12°32	18°15	7°20	20°12	21°36	28°12	n.a.	F 17
S 18	1 18 49	18°26'00	21°24	2°55	3°21	17°41	1°50	19°27	12°35	18°16	7°19	20°13	21°33	28°19	n.a.	S 18
S 19	1 22 45	19°26'49	4♑53	4°24	4°36	18°27	2° 3	19°33	12°37	18°18	7°18	20°15	21°30	28°26	n.a.	S 19
M20	1 26 42	20°27'39	18°38	5°53	5°52	19°13	2°16	19°40	12°39	18°19	7°17	20°R16	21°27	28°33	n.a.	M20
T 21	1 30 38	21°28'31	2♒41	7°21	7° 7	19°58	2°29	19°46	12°40	18°20	7°16	20°15	21°24	28°39	n.a.	T 21
W22	1 34 35	22°29'23	16°59	8°49	8°23	20°44	2°42	19°53	12°42	18°22	7°15	20°13	21°20	28°46	n.a.	W22
T 23	1 38 31	23°30'16	1♓32	10°17	9°38	21°30	2°55	19°59	12°44	18°23	7°15	20°10	21°17	28°53	n.a.	T 23
F 24	1 42 28	24°31'10	16°13	11°43	10°54	22°16	3° 7	20° 5	12°46	18°25	7°14	20° 7	21°14	28°59	n.a.	F 24
S 25	1 46 25	25°32'06	0♈57	13° 9	12° 9	23° 2	3°20	20°12	12°48	18°26	7°13	20° 3	21°11	29° 6	n.a.	S 25
S 26	1 50 21	26°33'02	15°37	14°35	13°25	23°48	3°33	20°18	12°49	18°28	7°12	20° 0	21° 8	29°13	n.a.	S 26
M27	1 54 18	27°33'59	0♉ 4	15°59	14°40	24°34	3°46	20°24	12°51	18°30	7°12	19°58	21° 5	29°20	n.a.	M27
T 28	1 58 14	28°34'58	14°14	17°23	15°56	25°21	3°58	20°30	12°52	18°31	7°11	19°D57	21° 1	29°26	n.a.	T 28
W29	2 2 11	29°35'58	28° 3	18°45	17°11	26° 7	4°11	20°36	12°54	18°33	7°10	19°57	20°58	29°33	n.a.	W29
T 30	2 6 7	0♏36'59	11♊27	20° 6	18°27	26°53	4°23	20°43	12°55	18°34	7°10	19°58	20°55	29°40	n.a.	T 30
F 31	2 10 4	1♏38'01	24♊27	21♏25	19♎43	27♏39	4♎36	20♍49	12♌57	18♐36	7♓ 9	19♉59	20♉52	29♌47	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	0s31	18n 0	0s 4	2s47	0s 4	8n34	1n31	13s53	0s36	1n51	1n12	7n 5	2n16	18n 8	0n42	22s26	0n47	24s56	17s29	18n16	18n38	17n42			n.a.
T 2	0 55	22 17	1n 8	3 31	0 10	8 5	1 31	14 9	0 36	1 46	1 12	7 3	2 16	18 8	0 42	22 27	0 47	24 56	17 29	18 16	18 38	17 39			n.a.
F 3	1 19	25 18	2 13	4 15	0 17	7 35	1 32	14 24	0 37	1 40	1 12	7 0	2 16	18 7	0 42	22 27	0 47	24 56	17 29	18 16	18 37	17 37			n.a.
S 4	1 44	26 57	3 11	4 58	0 23	7 6	1 32	14 40	0 37	1 35	1 12	6 57	2 17	18 6	0 42	22 27	0 47	24 57	17 28	18 16	18 36	17 35			n.a.
S 5	2 8	27 14	3 58	5 41	0 30	6 36	1 31	14 55	0 38	1 30	1 12	6 55	2 17	18 5	0 42	22 27	0 47	24 57	17 28	18 16	18 35	17 32			n.a.
M 6	2 32	26 12	4 34	6 24	0 36	6 6	1 31	15 10	0 39	1 24	1 12	6 52	2 17	18 5	0 42	22 27	0 47	24 57	17 28	18 16	18 34	17 30			n.a.
T 7	2 56	23 59	4 57	7 6	0 43	5 36	1 31	15 26	0 39	1 19	1 12	6 49	2 17	18 4	0 42	22 27	0 47	24 57	17 28	18 15	18 33	17 27			n.a.
W 8	3 21	20 46	5 8	7 48	0 49	5 6	1 31	15 41	0 40	1 14	1 12	6 47	2 17	18 3	0 42	22 27	0 47	24 58	17 28	18 13	18 33	17 25			n.a.
T 9	3 45	16 42	5 5	8 30	0 56	4 35	1 31	15 56	0 40	1 9	1 12	6 44	2 17	18 3	0 42	22 27	0 47	24 58	17 27	18 11	18 32	17 22			n.a.
F 10	4 9	11 59	4 50	9 11	1 2	4 5	1 30	16 11	0 41	1 3	1 12	6 41	2 17	18 2	0 42	22 28	0 47	24 58	17 27	18 9	18 31	17 20			n.a.
S 11	4 33	6 48	4 21	9 52	1 8	3 34	1 30	16 25	0 41	0 58	1 12	6 39	2 17	18 1	0 43	22 28	0 47	24 58	17 27	18 7	18 30	17 17			n.a.
S 12	4 57	1 18	3 40	10 32	1 14	3 3	1 29	16 40	0 42	0 53	1 12	6 36	2 17	18 1	0 43	22 28	0 47	24 58	17 27	18 5	18 29	17 15			n.a.
M13	5 21	4s20	2 49	11 11	1 20	2 32	1 29	16 54	0 42	0 47	1 12	6 33	2 17	18 0	0 43	22 28	0 47	24 58	17 27	18 4	18 28	17 12			n.a.
T 14	5 45	9 52	1 49	11 50	1 25	2 1	1 28	17 8	0 43	0 42	1 12	6 31	2 18	17 59	0 43	22 28	0 46	24 59	17 26	18 3	18 28	17 10			n.a.
W15	6 9	15 6	0 42	12 28	1 31	1 30	1 27	17 23	0 44	0 37	1 12	6 28	2 18	17 59	0 43	22 28	0 46	24 59	17 26	18 2	18 27	17 8			n.a.
T 16	6 32	19 46	0s27	13 6	1 36	0 59	1 26	17 36	0 44	0 32	1 12	6 26	2 18	17 58	0 43	22 28	0 46	24 59	17 26	18 2	18 26	17 5			n.a.
F 17	6 56	23 34	1 37	13 43	1 42	0 28	1 26	17 50	0 45	0 26	1 12	6 23	2 18	17 58	0 43	22 29	0 46	24 59	17 26	18 2	18 25	17 3			n.a.
S 18	7 19	26 11	2 42	14 19	1 47	0s 3	1 25	18 4	0 45	0 21	1 12	6 21	2 18	17 57	0 43	22 29	0 46	24 59	17 25	18 3	18 24	17 0			n.a.
S 19	7 43	27 21	3 40	14 55	1 52	0 35	1 24	18 17	0 46	0 16	1 12	6 18	2 18	17 57	0 43	22 29	0 46	24 59	17 25	18 3	18 23	16 58			n.a.
M20	8 6	26 52	4 27	15 29	1 56	1 6	1 23	18 31	0 46	0 11	1 12	6 16	2 18	17 56	0 43	22 29	0 46	24 59	17 25	18 3	18 23	16 55			n.a.
T 21	8 29	24 41	4 59	16 3	2 1	1 37	1 21	18 44	0 47	0 6	1 12	6 13	2 18	17 56	0 43	22 29	0 46	24 59	17 25	18 3	18 22	16 53			n.a.
W22	8 52	20 55	5 13	16 36	2 5	2 8	1 20	18 57	0 47	0 1	1 12	6 11	2 19	17 55	0 43	22 29	0 46	24 59	17 24	18 3	18 21	16 50			n.a.
T 23	9 15	15 51	5 7	17 8	2 8	2 40	1 19	19 10	0 48	0s 5	1 12	6 8	2 19	17 55	0 43	22 30	0 46	24 59	17 24	18 2	18 20	16 47			n.a.
F 24	9 38	9 49	4 42	17 39	2 12	3 11	1 18	19 22	0 48	0 10	1 12	6 6	2 19	17 54	0 43	22 30	0 46	25 0	17 24	18 1	18 19	16 45			n.a.
S 25	10 0	3 14	3 57	18 9	2 15	3 42	1 16	19 35	0 49	0 15	1 12	6 4	2 19	17 54	0 43	22 30	0 46	25 0	17 24	18 0	18 18	16 42			n.a.
S 26	10 23	3n30	2 58	18 37	2 18	4 13	1 15	19 47	0 49	0 20	1 12	6 1	2 19	17 53	0 43	22 30	0 46	25 0	17 23	17 59	18 18	16 40			n.a.
M27	10 45	9 59	1 47	19 5	2 20	4 44	1 14	19 59	0 50	0 25	1 12	5 59	2 19	17 53	0 43	22 30	0 46	25 0	17 23	17 59	18 17	16 37			n.a.
T 28	11 7	15 50	0 31	19 31	2 22	5 15	1 12	20 11	0 50	0 30	1 12	5 57	2 19	17 52	0 43	22 30	0 46	25 0	17 23	17 58	18 16	16 35			n.a.
W29	11 29	20 43	0n45	19 56	2 23	5 45	1 11	20 22	0 51	0 35	1 12	5 54	2 20	17 52	0 43	22 31	0 46	25 0	17 22	17 58	18 15	16 32			n.a.
T 30	11 51	24 23	1 56	20 19	2 24	6 16	1 9	20 34	0 51	0 40	1 12	5 52	2 20	17 52	0 43	22 31	0 46	25 0	17 22	17 59	18 14	16 30			n.a.
F 31	12s12	26n38	2n59	20s41	2s25	6s47	1n 7	20s45	0s52	0s45	1n12	5n50	2n20	17n51	0n43	22s31	0n46	24s59	17s22	17n59	18n13	16n27			n.a.

Julian Day Number = 1487571.5, Delta T = 05h17m26s
Ecliptic obliquity = 23°46'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'57, Lahiri = -12°47'57 Julian Calendar 1 Oct. 641 BCE == Greg. Calendar 24 Sept. 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

NOVEMBER 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 14 0	2♏39'05	7♋ 6	22♏42	20♎58	28♏26	4♎49	20♍55	12♌58	18♐38	7°R 9	20♉ 0	20♉49	29♌53	n.a.	S 1
S 2	2 17 57	3°40'10	19°26	23°57	22°14	29°12	5° 1	21° 0	13° 0	18°40	7♓ 8	20° 2	20°45	29°59	n.a.	S 2
M 3	2 21 54	4°41'16	1♌33	25°10	23°29	29°58	5°13	21° 6	13° 1	18°41	7° 7	20°R 2	20°42	0♍ 7	n.a.	M 3
T 4	2 25 50	5°42'23	13°30	26°20	24°45	0♐45	5°26	21°12	13° 2	18°43	7° 7	20° 2	20°39	0°13	n.a.	T 4
W 5	2 29 47	6°43'31	25°22	27°27	26° 1	1°31	5°38	21°18	13° 3	18°45	7° 6	20° 1	20°36	0°20	n.a.	W 5
T 6	2 33 43	7°44'40	7♍15	28°29	27°16	2°18	5°50	21°24	13° 4	18°47	7° 6	20° 0	20°33	0°27	n.a.	T 6
F 7	2 37 40	8°45'51	19°11	29°28	28°32	3° 5	6° 2	21°29	13° 5	18°48	7° 5	19°58	20°30	0°34	n.a.	F 7
S 8	2 41 36	9°47'02	1♎15	0♐21	29°47	3°51	6°15	21°35	13° 6	18°50	7° 5	19°57	20°26	0°40	n.a.	S 8
S 9	2 45 33	10°48'14	13°30	1° 9	1♏ 3	4°38	6°27	21°40	13° 7	18°52	7° 5	19°55	20°23	0°47	n.a.	S 9
M10	2 49 29	11°49'27	25°58	1°50	2°19	5°24	6°39	21°46	13° 8	18°54	7° 4	19°54	20°20	0°54	n.a.	M10
T 11	2 53 26	12°50'40	8♏39	2°24	3°34	6°11	6°51	21°51	13° 9	18°56	7° 4	19°54	20°17	1° 0	n.a.	T 11
W12	2 57 23	13°51'54	21°35	2°50	4°50	6°58	7° 2	21°56	13°10	18°58	7° 3	19°D53	20°14	1° 7	n.a.	W12
T 13	3 1 19	14°53'09	4♐46	3° 6	6° 5	7°45	7°14	22° 2	13°10	19° 0	7° 3	19°54	20°11	1°14	n.a.	T 13
F 14	3 5 16	15°54'24	18° 9	3°R13	7°21	8°32	7°26	22° 7	13°11	19° 2	7° 3	19°54	20° 7	1°21	n.a.	F 14
S 15	3 9 12	16°55'40	1♑45	3° 9	8°37	9°18	7°38	22°12	13°12	19° 4	7° 2	19°54	20° 4	1°27	n.a.	S 15
S 16	3 13 9	17°56'56	15°32	2°53	9°52	10° 5	7°49	22°17	13°12	19° 6	7° 2	19°55	20° 1	1°34	n.a.	S 16
M17	3 17 5	18°58'12	29°29	2°26	11° 8	10°52	8° 1	22°22	13°13	19° 8	7° 2	19°55	19°58	1°41	n.a.	M17
T 18	3 21 2	19°59'27	13♒33	1°47	12°23	11°39	8°12	22°27	13°13	19°10	7° 2	19°55	19°55	1°48	n.a.	T 18
W19	3 24 59	21° 0'43	27°43	0°57	13°39	12°26	8°24	22°32	13°13	19°12	7° 1	19°55	19°51	1°54	n.a.	W19
T 20	3 28 55	22° 1'59	11♓57	29♏56	14°55	13°13	8°35	22°37	13°14	19°14	7° 1	19°55	19°48	2° 1	n.a.	T 20
F 21	3 32 52	23° 3'15	26°13	28°47	16°10	14° 0	8°46	22°41	13°14	19°16	7° 1	19°55	19°45	2° 8	n.a.	F 21
S 22	3 36 48	24° 4'30	10♈27	27°31	17°26	14°47	8°57	22°46	13°14	19°18	7° 1	19°55	19°42	2°14	n.a.	S 22
S 23	3 40 45	25° 5'46	24°36	26°10	18°41	15°34	9° 9	22°50	13°14	19°20	7° 1	19°56	19°39	2°21	n.a.	S 23
M24	3 44 41	26° 7'01	8♉36	24°48	19°57	16°21	9°20	22°55	13°14	19°22	7° 1	19°56	19°36	2°28	n.a.	M24
T 25	3 48 38	27° 8'16	22°24	23°27	21°12	17° 8	9°30	22°59	13°R14	19°25	7° 1	19°R56	19°32	2°35	n.a.	T 25
W26	3 52 34	28° 9'32	5♊57	22°10	22°28	17°55	9°41	23° 4	13°14	19°27	7° 1	19°56	19°29	2°41	n.a.	W26
T 27	3 56 31	29°10'47	19°12	20°59	23°43	18°43	9°52	23° 8	13°14	19°29	7° 1	19°55	19°26	2°48	n.a.	T 27
F 28	4 0 28	0♐12'03	2♋ 9	19°55	24°59	19°30	10° 3	23°12	13°14	19°31	7°D 1	19°54	19°23	2°55	n.a.	F 28
S 29	4 4 24	1°13'19	14°48	19° 1	26°14	20°17	10°13	23°16	13°14	19°33	7° 1	19°52	19°20	3° 1	n.a.	S 29
S 30	4 8 21	2♐14'35	27♋10	18♏16	27♏30	21♐ 4	10♎24	23♍20	13♌14	19♐35	7♓ 1	19♉51	19♉17	3♍ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s34	27n26	3n52	21s 2	2s24	7s17	1n 6	20s56	0s52	0s50	1n12	5n48	2n20	17n51	0n43	22s31	0n46	24s59	17s21	17n59	18n12	16n25		n.a.
S 2	12 55	26 50	4 32	21 20	2 23	7 47	1 4	21 7	0 52	0 55	1 12	5 45	2 20	17 51	0 43	22 31	0 46	24 59	17 21	18 0	18 12	16 22		n.a.
M 3	13 16	24 57	5 0	21 37	2 22	8 17	1 2	21 17	0 53	1 0	1 12	5 43	2 20	17 50	0 43	22 31	0 46	24 59	17 21	18 0	18 11	16 19		n.a.
T 4	13 36	22 0	5 14	21 52	2 19	8 47	1 0	21 28	0 53	1 5	1 13	5 41	2 21	17 50	0 43	22 32	0 46	24 59	17 20	18 0	18 10	16 17		n.a.
W 5	13 57	18 10	5 15	22 4	2 16	9 16	0 59	21 38	0 54	1 10	1 13	5 39	2 21	17 50	0 44	22 32	0 46	24 59	17 20	18 0	18 9	16 14		n.a.
T 6	14 17	13 38	5 2	22 15	2 12	9 46	0 57	21 48	0 54	1 14	1 13	5 37	2 21	17 49	0 44	22 32	0 46	24 59	17 20	17 59	18 8	16 12		n.a.
F 7	14 37	8 34	4 36	22 23	2 7	10 15	0 55	21 57	0 55	1 19	1 13	5 35	2 21	17 49	0 44	22 32	0 46	24 59	17 20	17 59	18 7	16 9		n.a.
S 8	14 57	3 7	3 58	22 28	2 0	10 44	0 53	22 7	0 55	1 24	1 13	5 33	2 21	17 49	0 44	22 32	0 46	24 59	17 19	17 58	18 6	16 7		n.a.
S 9	15 16	2s31	3 8	22 31	1 53	11 13	0 51	22 16	0 55	1 29	1 13	5 31	2 21	17 49	0 44	22 33	0 46	24 59	17 19	17 58	18 6	16 4		n.a.
M10	15 36	8 10	2 9	22 31	1 44	11 41	0 49	22 25	0 56	1 34	1 13	5 29	2 22	17 48	0 44	22 33	0 46	24 59	17 18	17 58	18 5	16 1		n.a.
T 11	15 55	13 37	1 2	22 29	1 35	12 9	0 47	22 34	0 56	1 38	1 13	5 27	2 22	17 48	0 44	22 33	0 46	24 58	17 18	17 58	18 4	15 59		n.a.
W12	16 13	18 34	0s 9	22 23	1 23	12 37	0 45	22 42	0 56	1 43	1 13	5 25	2 22	17 48	0 44	22 33	0 46	24 58	17 18	17 57	18 3	15 56		n.a.
T 13	16 32	22 43	1 22	22 14	1 11	13 4	0 42	22 50	0 57	1 48	1 13	5 23	2 22	17 48	0 44	22 33	0 46	24 58	17 17	17 58	18 2	15 53		n.a.
F 14	16 50	25 44	2 30	22 1	0 57	13 31	0 40	22 58	0 57	1 52	1 13	5 21	2 22	17 48	0 44	22 33	0 46	24 58	17 17	17 58	18 1	15 51		n.a.
S 15	17 8	27 18	3 32	21 45	0 41	13 58	0 38	23 6	0 58	1 57	1 13	5 19	2 23	17 48	0 44	22 34	0 46	24 58	17 17	17 58	18 0	15 48		n.a.
S 16	17 25	27 11	4 22	21 25	0 24	14 25	0 36	23 14	0 58	2 1	1 14	5 17	2 23	17 48	0 44	22 34	0 45	24 57	17 16	17 58	18 0	15 46		n.a.
M17	17 42	25 23	4 57	21 2	0 6	14 51	0 34	23 21	0 58	2 6	1 14	5 15	2 23	17 47	0 44	22 34	0 45	24 57	17 16	17 58	17 59	15 43		n.a.
T 18	17 59	22 1	5 15	20 36	0n13	15 16	0 31	23 28	0 59	2 10	1 14	5 13	2 23	17 47	0 44	22 34	0 45	24 57	17 16	17 58	17 58	15 40		n.a.
W19	18 16	17 20	5 14	20 6	0 33	15 42	0 29	23 35	0 59	2 15	1 14	5 12	2 24	17 47	0 44	22 34	0 45	24 57	17 15	17 58	17 57	15 38		n.a.
T 20	18 32	11 41	4 54	19 33	0 53	16 7	0 27	23 41	0 59	2 19	1 14	5 10	2 24	17 47	0 44	22 35	0 45	24 56	17 15	17 58	17 56	15 35		n.a.
F 21	18 48	5 26	4 16	18 58	1 13	16 31	0 24	23 47	1 0	2 24	1 14	5 8	2 24	17 47	0 44	22 35	0 45	24 56	17 15	17 58	17 55	15 32		n.a.
S 22	19 3	1n 6	3 22	18 22	1 33	16 55	0 22	23 53	1 0	2 28	1 14	5 7	2 24	17 47	0 44	22 35	0 45	24 56	17 14	17 58	17 54	15 30		n.a.
S 23	19 18	7 33	2 16	17 45	1 52	17 19	0 20	23 59	1 0	2 32	1 14	5 5	2 24	17 47	0 44	22 35	0 45	24 56	17 14	17 58	17 53	15 27		n.a.
M24	19 33	13 35	1 2	17 9	2 9	17 42	0 17	24 4	1 0	2 37	1 14	5 4	2 25	17 47	0 44	22 35	0 45	24 55	17 14	17 58	17 53	15 24		n.a.
T 25	19 48	18 51	0n14	16 34	2 24	18 4	0 15	24 9	1 1	2 41	1 14	5 2	2 25	17 47	0 44	22 36	0 45	24 55	17 13	17 58	17 52	15 22		n.a.
W26	20 2	23 2	1 28	16 2	2 38	18 26	0 13	24 14	1 1	2 45	1 15	5 0	2 25	17 47	0 44	22 36	0 45	24 55	17 13	17 58	17 51	15 19		n.a.
T 27	20 15	25 54	2 35	15 33	2 48	18 48	0 10	24 18	1 1	2 49	1 15	4 59	2 25	17 47	0 45	22 36	0 45	24 54	17 12	17 58	17 50	15 16		n.a.
F 28	20 29	27 18	3 33	15 8	2 57	19 9	0 8	24 22	1 2	2 53	1 15	4 58	2 26	17 47	0 45	22 36	0 45	24 54	17 12	17 58	17 49	15 14		n.a.
S 29	20 41	27 14	4 19	14 47	3 3	19 30	0 6	24 26	1 2	2 57	1 15	4 56	2 26	17 48	0 45	22 36	0 45	24 54	17 12	17 57	17 48	15 11		n.a.
S 30	20s54	25n47	4n52	14s31	3n 7	19s50	0n 3	24s30	1s 2	3s 1	1n15	4n55	2n26	17n48	0n45	22s36	0n45	24s53	17s11	17n57	17n47	15n 8		n.a.

Julian Day Number = 1487602.5, Delta T = 05h17m25s
Ecliptic obliquity = 23°46'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'53, Lahiri = -12°47'53 Julian Calendar 1 Nov. 641 BCE == Greg. Calendar 25 Oct. 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 641 BCE
geocentric

DECEMBER 641 BCE (-640) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 12 17	3♐15'50	9♌19	17°R42	28♏45	21♐51	10♎34	23♍24	13°R13	19♐38	7♓ 1	19°R49	19♉13	3♍15	n.a.	M 1
T 2	4 16 14	4°17'06	21°18	17♏17	0♐ 1	22°39	10°45	23°28	13♌13	19°40	7° 1	19♉48	19°10	3°22	n.a.	T 2
W 3	4 20 10	5°18'22	3♍11	17° 3	1°16	23°26	10°55	23°31	13°12	19°42	7° 1	19°D47	19° 7	3°28	n.a.	W 3
T 4	4 24 7	6°19'37	15° 3	16°D58	2°32	24°13	11° 5	23°35	13°12	19°44	7° 1	19°48	19° 4	3°35	n.a.	T 4
F 5	4 28 3	7°20'53	26°59	17° 3	3°47	25° 0	11°15	23°39	13°11	19°46	7° 1	19°49	19° 1	3°42	n.a.	F 5
S 6	4 32 0	8°22'08	9♎ 4	17°15	5° 3	25°48	11°25	23°42	13°11	19°49	7° 1	19°50	18°57	3°49	n.a.	S 6
S 7	4 35 57	9°23'23	21°22	17°35	6°18	26°35	11°35	23°45	13°10	19°51	7° 2	19°52	18°54	3°55	n.a.	S 7
M 8	4 39 53	10°24'38	3♏56	18° 2	7°34	27°22	11°44	23°49	13°10	19°53	7° 2	19°53	18°51	4° 2	n.a.	M 8
T 9	4 43 50	11°25'53	16°49	18°35	8°49	28°10	11°54	23°52	13° 9	19°55	7° 2	19°R54	18°48	4° 9	n.a.	T 9
W10	4 47 46	12°27'07	0♐ 3	19°13	10° 5	28°57	12° 3	23°55	13° 8	19°58	7° 2	19°53	18°45	4°15	n.a.	W10
T 11	4 51 43	13°28'21	13°36	19°57	11°20	29°44	12°13	23°58	13° 7	20° 0	7° 3	19°52	18°42	4°22	n.a.	T 11
F 12	4 55 39	14°29'34	27°28	20°45	12°35	0♑32	12°22	24° 1	13° 6	20° 2	7° 3	19°49	18°38	4°29	n.a.	F 12
S 13	4 59 36	15°30'47	11♑34	21°37	13°51	1°19	12°31	24° 4	13° 5	20° 4	7° 3	19°45	18°35	4°36	n.a.	S 13
S 14	5 3 33	16°31'59	25°49	22°33	15° 6	2° 7	12°40	24° 6	13° 4	20° 7	7° 4	19°41	18°32	4°42	n.a.	S 14
M15	5 7 29	17°33'10	10♒10	23°32	16°22	2°54	12°49	24° 9	13° 3	20° 9	7° 4	19°37	18°29	4°49	n.a.	M15
T 16	5 11 26	18°34'19	24°30	24°34	17°37	3°41	12°58	24°12	13° 2	20°11	7° 4	19°34	18°26	4°56	n.a.	T 16
W17	5 15 22	19°35'28	8♓47	25°39	18°52	4°29	13° 6	24°14	13° 1	20°14	7° 5	19°33	18°23	5° 2	n.a.	W17
T 18	5 19 19	20°36'35	22°57	26°46	20° 8	5°16	13°15	24°16	13° 0	20°16	7° 5	19°D32	18°19	5° 9	n.a.	T 18
F 19	5 23 15	21°37'41	6♈58	27°56	21°23	6° 3	13°23	24°19	12°58	20°18	7° 6	19°33	18°16	5°16	n.a.	F 19
S 20	5 27 12	22°38'46	20°50	29° 7	22°38	6°51	13°32	24°21	12°57	20°20	7° 6	19°34	18°13	5°23	n.a.	S 20
S 21	5 31 8	23°39'50	4♉32	0♐20	23°54	7°38	13°40	24°23	12°56	20°23	7° 7	19°36	18°10	5°29	n.a.	S 21
M22	5 35 5	24°40'52	18° 4	1°35	25° 9	8°26	13°48	24°25	12°54	20°25	7° 7	19°R37	18° 7	5°36	n.a.	M22
T 23	5 39 2	25°41'53	1♊24	2°51	26°24	9°13	13°56	24°26	12°53	20°27	7° 8	19°36	18° 3	5°43	n.a.	T 23
W24	5 42 58	26°42'54	14°34	4° 9	27°40	10° 0	14° 4	24°28	12°51	20°29	7° 9	19°34	18° 0	5°49	n.a.	W24
T 25	5 46 55	27°43'53	27°30	5°28	28°55	10°48	14°11	24°30	12°50	20°32	7° 9	19°29	17°57	5°56	n.a.	T 25
F 26	5 50 51	28°44'51	10♋14	6°48	0♑10	11°35	14°19	24°31	12°48	20°34	7°10	19°23	17°54	6° 3	n.a.	F 26
S 27	5 54 48	29°45'47	22°45	8°10	1°25	12°23	14°26	24°33	12°46	20°36	7°10	19°15	17°51	6°10	n.a.	S 27
S 28	5 58 44	0♑46'43	5♌ 4	9°32	2°40	13°10	14°33	24°34	12°45	20°39	7°11	19° 7	17°48	6°16	n.a.	S 28
M29	6 2 41	1°47'38	17°11	10°56	3°56	13°57	14°40	24°35	12°43	20°41	7°12	19° 0	17°44	6°23	n.a.	M29
T 30	6 6 38	2°48'31	29° 9	12°21	5°11	14°45	14°47	24°36	12°41	20°43	7°12	18°53	17°41	6°30	n.a.	T 30
W31	6 10 34	3♑49'24	11♍ 2	13♐46	6♑26	15♑32	14♎54	24♍37	12♌39	20♐45	7♓13	18♉48	17♉38	6♍37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s 6	23n 9	5n11	14s19	3n 9	20s 9	0n 1	24s33	1s 2	3s 5	1n15	4n53	2n26	17n48	0n45	22s37	0n45	24s53	17s11	17n56	17n46	15n 6		n.a.
T 2	21 18	19 34	5 16	14 12	3 9	20 28	0s 2	24 36	1 3	3 9	1 15	4 52	2 27	17 48	0 45	22 37	0 45	24 53	17 11	17 56	17 46	15 3		n.a.
W 3	21 29	15 14	5 7	14 10	3 8	20 46	0 4	24 39	1 3	3 13	1 15	4 51	2 27	17 48	0 45	22 37	0 45	24 52	17 10	17 56	17 45	15 0		n.a.
T 4	21 40	10 21	4 46	14 11	3 5	21 4	0 6	24 42	1 3	3 17	1 16	4 50	2 27	17 48	0 45	22 37	0 45	24 52	17 10	17 56	17 44	14 58		n.a.
F 5	21 50	5 3	4 12	14 16	3 1	21 21	0 9	24 44	1 3	3 21	1 16	4 48	2 27	17 49	0 45	22 37	0 45	24 51	17 9	17 56	17 43	14 55		n.a.
S 6	22 0	0s29	3 27	14 24	2 56	21 37	0 11	24 46	1 3	3 25	1 16	4 47	2 28	17 49	0 45	22 38	0 45	24 51	17 9	17 57	17 42	14 52		n.a.
S 7	22 10	6 7	2 31	14 36	2 50	21 53	0 13	24 47	1 4	3 29	1 16	4 46	2 28	17 49	0 45	22 38	0 45	24 51	17 9	17 57	17 41	14 49		n.a.
M 8	22 19	11 39	1 27	14 50	2 43	22 8	0 16	24 49	1 4	3 32	1 16	4 45	2 28	17 49	0 45	22 38	0 45	24 50	17 8	17 57	17 40	14 47		n.a.
T 9	22 28	16 49	0 17	15 6	2 36	22 23	0 18	24 50	1 4	3 36	1 16	4 44	2 28	17 49	0 45	22 38	0 45	24 50	17 8	17 58	17 39	14 44		n.a.
W10	22 36	21 21	0s56	15 24	2 29	22 36	0 20	24 50	1 4	3 40	1 16	4 43	2 29	17 50	0 45	22 38	0 45	24 49	17 8	17 57	17 39	14 41		n.a.
T 11	22 44	24 51	2 7	15 43	2 21	22 50	0 23	24 51	1 4	3 43	1 17	4 42	2 29	17 50	0 45	22 39	0 45	24 49	17 7	17 57	17 38	14 39		n.a.
F 12	22 51	26 57	3 12	16 4	2 12	23 2	0 25	24 51	1 5	3 47	1 17	4 41	2 29	17 50	0 45	22 39	0 45	24 48	17 7	17 56	17 37	14 36		n.a.
S 13	22 58	27 21	4 6	16 26	2 4	23 14	0 27	24 51	1 5	3 50	1 17	4 40	2 29	17 51	0 45	22 39	0 45	24 48	17 7	17 55	17 36	14 33		n.a.
S 14	23 5	25 58	4 46	16 49	1 55	23 25	0 29	24 50	1 5	3 54	1 17	4 39	2 30	17 51	0 45	22 39	0 45	24 47	17 6	17 54	17 35	14 30		n.a.
M15	23 11	22 53	5 9	17 12	1 46	23 35	0 32	24 50	1 5	3 57	1 17	4 39	2 30	17 51	0 45	22 39	0 45	24 47	17 6	17 53	17 34	14 28		n.a.
T 16	23 16	18 25	5 12	17 36	1 38	23 45	0 34	24 48	1 5	4 0	1 17	4 38	2 30	17 52	0 45	22 40	0 45	24 46	17 5	17 52	17 33	14 25		n.a.
W17	23 22	12 56	4 55	18 0	1 29	23 54	0 36	24 47	1 5	4 3	1 18	4 37	2 31	17 52	0 45	22 40	0 45	24 46	17 5	17 52	17 32	14 22		n.a.
T 18	23 26	6 50	4 21	18 25	1 20	24 2	0 38	24 45	1 5	4 7	1 18	4 36	2 31	17 52	0 45	22 40	0 45	24 45	17 5	17 52	17 31	14 19		n.a.
F 19	23 30	0 26	3 32	18 49	1 11	24 10	0 40	24 43	1 6	4 10	1 18	4 36	2 31	17 53	0 45	22 40	0 45	24 45	17 4	17 52	17 31	14 16		n.a.
S 20	23 34	5n55	2 31	19 14	1 2	24 16	0 42	24 41	1 6	4 13	1 18	4 35	2 31	17 53	0 46	22 40	0 45	24 44	17 4	17 52	17 30	14 14		n.a.
S 21	23 37	11 56	1 21	19 38	0 53	24 22	0 44	24 39	1 6	4 16	1 18	4 35	2 32	17 54	0 46	22 40	0 45	24 44	17 4	17 53	17 29	14 11		n.a.
M22	23 40	17 19	0 8	20 2	0 45	24 27	0 46	24 36	1 6	4 19	1 18	4 34	2 32	17 54	0 46	22 41	0 45	24 43	17 3	17 53	17 28	14 8		n.a.
T 23	23 42	21 46	1n 4	20 26	0 36	24 32	0 48	24 33	1 6	4 22	1 19	4 34	2 32	17 55	0 46	22 41	0 45	24 43	17 3	17 53	17 27	14 5		n.a.
W24	23 44	25 3	2 12	20 49	0 28	24 35	0 50	24 29	1 6	4 25	1 19	4 33	2 32	17 55	0 46	22 41	0 45	24 42	17 3	17 52	17 26	14 3		n.a.
T 25	23 45	26 56	3 11	21 12	0 19	24 38	0 52	24 26	1 6	4 28	1 19	4 33	2 33	17 56	0 46	22 41	0 45	24 42	17 2	17 51	17 25	14 0		n.a.
F 26	23 46	27 22	4 0	21 34	0 11	24 40	0 54	24 22	1 6	4 30	1 19	4 32	2 33	17 56	0 46	22 41	0 45	24 41	17 2	17 49	17 24	13 57		n.a.
S 27	23 46	26 22	4 37	21 55	0 3	24 42	0 56	24 17	1 6	4 33	1 19	4 32	2 33	17 57	0 46	22 41	0 45	24 41	17 2	17 47	17 23	13 54		n.a.
S 28	23 46	24 6	4 59	22 16	0s 5	24 42	0 58	24 13	1 6	4 36	1 19	4 32	2 34	17 57	0 46	22 42	0 45	24 40	17 1	17 45	17 22	13 51		n.a.
M29	23 46	20 47	5 8	22 36	0 12	24 42	0 59	24 8	1 6	4 38	1 20	4 32	2 34	17 58	0 46	22 42	0 45	24 39	17 1	17 43	17 22	13 49		n.a.
T 30	23 45	16 39	5 4	22 55	0 20	24 41	1 1	24 3	1 6	4 41	1 20	4 31	2 34	17 58	0 46	22 42	0 45	24 39	17 1	17 41	17 21	13 46		n.a.
W31	23s43	11n55	4n46	23s13	0s27	24s40	1s 3	23s57	1s 6	4s43	1n20	4n31	2n34	17n59	0n46	22s42	0n45	24s38	17s 0	17n40	17n20	13n43		n.a.

Julian Day Number = 1487632.5, Delta T = 05h17m23s
Ecliptic obliquity = 23°46'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'49, Lahiri = -12°47'49 Julian Calendar 1 Dec. 641 BCE == Greg. Calendar 24 Nov. 641 BCE

The year -640 astronomical counting style corresponds to year 641 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

JANUARY 640 BCE (-639) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 14 31	4♉50'15	22♍53	15♐13	7♉41	16♉19	15♎ 1	24♍38	12°R38	20♐47	7♓14	18°R45	17♌35	6♍43	n.a.	T 1
F 2	6 18 27	5°51'05	4♎47	16°40	8°56	17° 7	15° 7	24°39	12♏36	20°50	7°15	18°D44	17°32	6°50	n.a.	F 2
S 3	6 22 24	6°51'54	16°49	18° 8	10°11	17°54	15°14	24°40	12°34	20°52	7°16	18♌45	17°29	6°57	n.a.	S 3
S 4	6 26 20	7°52'42	29° 5	19°38	11°27	18°41	15°20	24°41	12°32	20°54	7°16	18°46	17°25	7° 3	n.a.	S 4
M 5	6 30 17	8°53'28	11♏38	21° 8	12°42	19°29	15°26	24°41	12°30	20°56	7°17	18°47	17°22	7°10	n.a.	M 5
T 6	6 34 13	9°54'14	24°34	22°39	13°57	20°16	15°32	24°41	12°28	20°58	7°18	18°R47	17°19	7°17	n.a.	T 6
W 7	6 38 10	10°54'58	7♐56	24°10	15°12	21° 3	15°37	24°42	12°26	21° 1	7°19	18°46	17°16	7°24	n.a.	W 7
T 8	6 42 7	11°55'41	21°43	25°43	16°27	21°50	15°43	24°42	12°24	21° 3	7°20	18°41	17°13	7°30	n.a.	T 8
F 9	6 46 3	12°56'23	5♉55	27°16	17°42	22°38	15°48	24°R42	12°21	21° 5	7°21	18°35	17° 9	7°37	n.a.	F 9
S 10	6 50 0	13°57'03	20°26	28°51	18°57	23°25	15°54	24°42	12°19	21° 7	7°22	18°27	17° 6	7°44	n.a.	S 10
S 11	6 53 56	14°57'41	5♒11	0♉26	20°12	24°12	15°59	24°42	12°17	21° 9	7°23	18°17	17° 3	7°50	n.a.	S 11
M12	6 57 53	15°58'17	20° 1	2° 2	21°27	24°59	16° 4	24°42	12°15	21°11	7°24	18° 8	17° 0	7°57	n.a.	M12
T 13	7 1 49	16°58'52	4♓47	3°39	22°42	25°47	16° 8	24°41	12°13	21°13	7°24	18° 0	16°57	8° 4	n.a.	T 13
W14	7 5 46	17°59'25	19°22	5°16	23°57	26°34	16°13	24°41	12°10	21°16	7°25	17°55	16°54	8°11	n.a.	W14
T 15	7 9 42	18°59'55	3♈42	6°55	25°12	27°21	16°17	24°40	12° 8	21°18	7°27	17°52	16°50	8°17	n.a.	T 15
F 16	7 13 39	20° 0'24	17°44	8°35	26°27	28° 8	16°22	24°40	12° 6	21°20	7°28	17°D51	16°47	8°24	n.a.	F 16
S 17	7 17 36	21° 0'50	1♉28	10°15	27°42	28°55	16°26	24°39	12° 3	21°22	7°29	17°51	16°44	8°31	n.a.	S 17
S 18	7 21 32	22° 1'14	14°55	11°56	28°57	29°42	16°30	24°38	12° 1	21°24	7°30	17°R51	16°41	8°37	n.a.	S 18
M19	7 25 29	23° 1'37	28° 7	13°39	0♒12	0♒29	16°33	24°37	11°58	21°26	7°31	17°51	16°38	8°44	n.a.	M19
T 20	7 29 25	24° 1'57	11♊ 6	15°22	1°27	1°16	16°37	24°36	11°56	21°28	7°32	17°49	16°35	8°51	n.a.	T 20
W21	7 33 22	25° 2'15	23°54	17° 6	2°42	2° 3	16°40	24°35	11°54	21°30	7°33	17°43	16°31	8°58	n.a.	W21
T 22	7 37 18	26° 2'32	6♋30	18°52	3°56	2°50	16°43	24°34	11°51	21°32	7°34	17°35	16°28	9° 4	n.a.	T 22
F 23	7 41 15	27° 2'46	18°58	20°38	5°11	3°37	16°46	24°32	11°49	21°34	7°35	17°25	16°25	9°11	n.a.	F 23
S 24	7 45 11	28° 2'58	1♌16	22°25	6°26	4°24	16°49	24°31	11°46	21°36	7°36	17°12	16°22	9°18	n.a.	S 24
S 25	7 49 8	29° 3'08	13°25	24°13	7°41	5°11	16°52	24°29	11°44	21°38	7°37	16°59	16°19	9°24	n.a.	S 25
M26	7 53 5	0♒ 3'17	25°27	26° 3	8°56	5°58	16°54	24°28	11°41	21°39	7°39	16°45	16°15	9°31	n.a.	M26
T 27	7 57 1	1° 3'23	7♍23	27°53	10°10	6°45	16°57	24°26	11°39	21°41	7°40	16°33	16°12	9°38	n.a.	T 27
W28	8 0 58	2° 3'28	19°14	29°44	11°25	7°32	16°59	24°24	11°36	21°43	7°41	16°24	16° 9	9°45	n.a.	W28
T 29	8 4 54	3° 3'31	1♎ 4	1♒37	12°40	8°18	17° 1	24°22	11°33	21°45	7°42	16°17	16° 6	9°51	n.a.	T 29
F 30	8 8 51	4° 3'32	12°56	3°30	13°54	9° 5	17° 3	24°20	11°31	21°47	7°43	16°13	16° 3	9°58	n.a.	F 30
S 31	8 12 47	5♒ 3'31	24♎56	5♒24	15♒ 9	9♒52	17♎ 4	24♍18	11♏28	21♐49	7♓45	16♌11	16♌ 0	10♍ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s41	6n46	4n16	23s30	0s34	24s37	1s 4	23s52	1s 6	4s46	1n20	4n31	2n35	17n59	0n46	22s42	0n45	24s38	17s 0	17n39	17n19	13n40			n.a.
F 2	23 39	1 21	3 35	23 47	0 41	24 34	1 6	23 46	1 6	4 48	1 20	4 31	2 35	18 0	0 46	22 42	0 45	24 37	17 0	17 38	17 18	13 37			n.a.
S 3	23 36	4s11	2 44	24 2	0 48	24 30	1 7	23 39	1 6	4 50	1 21	4 31	2 35	18 0	0 46	22 43	0 45	24 37	16 59	17 39	17 17	13 35			n.a.
S 4	23 32	9 41	1 44	24 16	0 54	24 25	1 9	23 33	1 6	4 53	1 21	4 31	2 36	18 1	0 46	22 43	0 45	24 36	16 59	17 39	17 16	13 32			n.a.
M 5	23 28	14 56	0 38	24 29	1 1	24 19	1 10	23 26	1 6	4 55	1 21	4 31	2 36	18 2	0 46	22 43	0 45	24 35	16 59	17 39	17 15	13 29			n.a.
T 6	23 24	19 41	0s31	24 40	1 7	24 13	1 12	23 19	1 6	4 57	1 21	4 31	2 36	18 2	0 46	22 43	0 45	24 35	16 58	17 39	17 14	13 26			n.a.
W 7	23 19	23 36	1 41	24 51	1 12	24 6	1 13	23 12	1 6	4 59	1 21	4 31	2 36	18 3	0 46	22 43	0 45	24 34	16 58	17 39	17 13	13 23			n.a.
T 8	23 14	26 17	2 47	25 0	1 18	23 58	1 14	23 4	1 6	5 1	1 22	4 32	2 37	18 3	0 46	22 43	0 45	24 33	16 58	17 38	17 12	13 20			n.a.
F 9	23 8	27 23	3 45	25 8	1 23	23 50	1 15	22 56	1 6	5 3	1 22	4 32	2 37	18 4	0 46	22 43	0 45	24 33	16 57	17 36	17 12	13 17			n.a.
S 10	23 2	26 38	4 29	25 14	1 28	23 41	1 17	22 48	1 6	5 5	1 22	4 32	2 37	18 5	0 46	22 44	0 45	24 32	16 57	17 33	17 11	13 15			n.a.
S 11	22 55	24 1	4 57	25 19	1 33	23 31	1 18	22 40	1 6	5 7	1 22	4 32	2 38	18 5	0 46	22 44	0 45	24 32	16 57	17 31	17 10	13 12			n.a.
M12	22 48	19 49	5 4	25 22	1 37	23 20	1 19	22 31	1 6	5 8	1 22	4 33	2 38	18 6	0 46	22 44	0 45	24 31	16 57	17 28	17 9	13 9			n.a.
T 13	22 41	14 24	4 52	25 24	1 41	23 8	1 20	22 22	1 6	5 10	1 23	4 33	2 38	18 7	0 46	22 44	0 45	24 30	16 56	17 26	17 8	13 6			n.a.
W14	22 33	8 15	4 20	25 25	1 45	22 56	1 21	22 13	1 6	5 12	1 23	4 34	2 38	18 7	0 46	22 44	0 45	24 30	16 56	17 24	17 7	13 3			n.a.
T 15	22 24	1 45	3 33	25 23	1 48	22 44	1 21	22 4	1 6	5 13	1 23	4 34	2 39	18 8	0 46	22 44	0 45	24 29	16 56	17 24	17 6	13 0			n.a.
F 16	22 16	4n42	2 33	25 21	1 51	22 30	1 22	21 54	1 6	5 15	1 23	4 34	2 39	18 9	0 46	22 44	0 45	24 28	16 55	17 23	17 5	12 57			n.a.
S 17	22 6	10 48	1 26	25 16	1 54	22 16	1 23	21 44	1 6	5 16	1 23	4 35	2 39	18 9	0 46	22 45	0 45	24 28	16 55	17 23	17 4	12 55			n.a.
S 18	21 57	16 17	0 16	25 10	1 56	22 1	1 24	21 34	1 6	5 17	1 24	4 36	2 39	18 10	0 46	22 45	0 45	24 27	16 55	17 24	17 3	12 52			n.a.
M19	21 47	20 54	0n54	25 1	1 58	21 46	1 24	21 24	1 6	5 19	1 24	4 36	2 40	18 11	0 46	22 45	0 45	24 26	16 55	17 23	17 2	12 49			n.a.
T 20	21 36	24 24	2 0	24 52	2 0	21 30	1 25	21 13	1 6	5 20	1 24	4 37	2 40	18 12	0 46	22 45	0 45	24 26	16 54	17 23	17 1	12 46			n.a.
W21	21 25	26 37	2 59	24 40	2 1	21 13	1 25	21 2	1 5	5 21	1 24	4 38	2 40	18 12	0 46	22 45	0 45	24 25	16 54	17 21	17 1	12 43			n.a.
T 22	21 14	27 24	3 48	24 26	2 2	20 56	1 26	20 51	1 5	5 22	1 24	4 38	2 41	18 13	0 46	22 45	0 45	24 24	16 54	17 19	17 0	12 40			n.a.
F 23	21 2	26 47	4 25	24 11	2 2	20 38	1 26	20 40	1 5	5 23	1 25	4 39	2 41	18 14	0 46	22 45	0 45	24 24	16 54	17 16	16 59	12 37			n.a.
S 24	20 50	24 51	4 49	23 53	2 2	20 19	1 26	20 29	1 5	5 24	1 25	4 40	2 41	18 14	0 46	22 46	0 45	24 23	16 53	17 12	16 58	12 34			n.a.
S 25	20 38	21 48	5 0	23 34	2 1	20 0	1 27	20 17	1 5	5 25	1 25	4 41	2 41	18 15	0 47	22 46	0 45	24 22	16 53	17 8	16 57	12 31			n.a.
M26	20 25	17 52	4 57	23 12	2 0	19 40	1 27	20 5	1 5	5 25	1 25	4 42	2 42	18 16	0 47	22 46	0 45	24 22	16 53	17 5	16 56	12 29			n.a.
T 27	20 12	13 16	4 41	22 49	1 59	19 20	1 27	19 53	1 5	5 26	1 26	4 43	2 42	18 17	0 47	22 46	0 45	24 21	16 53	17 1	16 55	12 26			n.a.
W28	19 59	8 12	4 13	22 23	1 57	18 59	1 27	19 41	1 4	5 27	1 26	4 44	2 42	18 17	0 47	22 46	0 45	24 20	16 53	16 58	16 54	12 23			n.a.
T 29	19 45	2 51	3 35	21 56	1 54	18 38	1 27	19 28	1 4	5 27	1 26	4 45	2 42	18 18	0 47	22 46	0 45	24 20	16 52	16 56	16 53	12 20			n.a.
F 30	19 31	2s38	2 46	21 26	1 51	18 16	1 27	19 16	1 4	5 28	1 26	4 46	2 43	18 19	0 47	22 46	0 45	24 19	16 52	16 55	16 52	12 17			n.a.
S 31	19s16	8s 5	1n50	20s55	1s47	17s54	1s27	19s 3	1s 4	5s28	1n26	4n47	2n43	18n20	0n47	22s46	0n45	24s18	16s52	16n55	16n51	12n14			n.a.

Julian Day Number = 1487663.5, Delta T = 05h17m22s
Ecliptic obliquity = 23°46'26, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'45, Lahiri = -12°47'44 Julian Calendar 1 Jan. 640 BCE == Greg. Calendar 25 Dec. 641 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

FEBRUARY 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 16 44	6♒ 3'29	7♏ 8	7♒19	16♒24	10♒39	17♎ 5	24°R16	11°R26	21♐50	7♓46	16°D10	15♉56	10♍11	n.a.	S 1
M 2	8 20 40	7° 3'25	19°38	9°15	17°38	11°25	17° 7	24♍14	11♌23	21°52	7°47	16°R10	15°53	10°18	n.a.	M 2
T 3	8 24 37	8° 3'19	2♐30	11°12	18°53	12°12	17° 8	24°11	11°20	21°54	7°49	16♉10	15°50	10°25	n.a.	T 3
W 4	8 28 34	9° 3'11	15°49	13° 9	20° 7	12°59	17° 8	24° 9	11°18	21°56	7°50	16° 7	15°47	10°32	n.a.	W 4
T 5	8 32 30	10° 3'02	29°37	15° 7	21°22	13°45	17° 9	24° 6	11°15	21°57	7°51	16° 2	15°44	10°38	n.a.	T 5
F 6	8 36 27	11° 2'50	13♑55	17° 5	22°37	14°32	17°10	24° 4	11°13	21°59	7°52	15°54	15°41	10°45	n.a.	F 6
S 7	8 40 23	12° 2'37	28°38	19° 3	23°51	15°18	17°10	24° 1	11°10	22° 1	7°54	15°44	15°37	10°52	n.a.	S 7
S 8	8 44 20	13° 2'22	13♒40	21° 1	25° 6	16° 5	17°R10	23°58	11° 7	22° 2	7°55	15°32	15°34	10°58	n.a.	S 8
M 9	8 48 16	14° 2'04	28°51	22°59	26°20	16°51	17°10	23°55	11° 5	22° 4	7°56	15°20	15°31	11° 5	n.a.	M 9
T 10	8 52 13	15° 1'45	14♓ 0	24°56	27°35	17°38	17° 9	23°52	11° 2	22° 5	7°58	15°10	15°28	11°12	n.a.	T 10
W11	8 56 9	16° 1'22	28°57	26°53	28°49	18°24	17° 9	23°49	11° 0	22° 7	7°59	15° 3	15°25	11°19	n.a.	W11
T 12	9 0 6	17° 0'58	13♈35	28°48	0♓ 3	19°10	17° 8	23°46	10°57	22° 8	8° 0	14°58	15°21	11°25	n.a.	T 12
F 13	9 4 3	18° 0'31	27°49	0♓41	1°18	19°57	17° 7	23°43	10°54	22°10	8° 2	14°55	15°18	11°32	n.a.	F 13
S 14	9 7 59	19° 0'02	11♉39	2°33	2°32	20°43	17° 6	23°40	10°52	22°11	8° 3	14°55	15°15	11°39	n.a.	S 14
S 15	9 11 56	19°59'30	25° 5	4°22	3°46	21°29	17° 5	23°37	10°49	22°13	8° 5	14°55	15°12	11°45	n.a.	S 15
M16	9 15 52	20°58'56	8♊10	6° 8	5° 1	22°15	17° 3	23°33	10°47	22°14	8° 6	14°54	15° 9	11°52	n.a.	M16
T 17	9 19 49	21°58'19	20°58	7°50	6°15	23° 1	17° 2	23°30	10°44	22°15	8° 7	14°51	15° 6	11°59	n.a.	T 17
W18	9 23 45	22°57'40	3♋32	9°29	7°29	23°47	17° 0	23°26	10°42	22°17	8° 9	14°46	15° 2	12° 5	n.a.	W18
T 19	9 27 42	23°56'59	15°54	11° 4	8°43	24°33	16°58	23°23	10°39	22°18	8°10	14°38	14°59	12°12	n.a.	T 19
F 20	9 31 38	24°56'15	28° 7	12°33	9°58	25°19	16°56	23°19	10°37	22°19	8°12	14°27	14°56	12°19	n.a.	F 20
S 21	9 35 35	25°55'29	10♌13	13°58	11°12	26° 5	16°53	23°15	10°34	22°21	8°13	14°14	14°53	12°26	n.a.	S 21
S 22	9 39 31	26°54'41	22°14	15°18	12°26	26°51	16°51	23°11	10°32	22°22	8°14	14° 0	14°50	12°32	n.a.	S 22
M23	9 43 28	27°53'50	4♍ 9	16°31	13°40	27°37	16°48	23° 8	10°29	22°23	8°16	13°46	14°47	12°39	n.a.	M23
T 24	9 47 25	28°52'57	16° 2	17°39	14°54	28°23	16°45	23° 4	10°27	22°24	8°17	13°34	14°43	12°46	n.a.	T 24
W25	9 51 21	29°52'03	27°52	18°40	16° 8	29° 9	16°42	23° 0	10°24	22°25	8°19	13°24	14°40	12°52	n.a.	W25
T 26	9 55 18	0♓51'06	9♎43	19°34	17°22	29°55	16°39	22°56	10°22	22°27	8°20	13°16	14°37	12°59	n.a.	T 26
F 27	9 59 14	1°50'07	21°37	20°22	18°36	0♓40	16°35	22°52	10°19	22°28	8°22	13°12	14°34	13° 6	n.a.	F 27
S 28	10 3 11	2♓49'06	3♏38	21♓ 4	19♓50	1♓26	16♎32	22♍48	10♌17	22♐29	8♓23	13♉ 9	14♉31	13♍13	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19s 1	13s20	0n48	20s21	1s43	17s31	1s27	18s50	1s 4	5s28	1n27	4n48	2n43	18n20	0n47	22s46	0n45	24s18	16s52	16n54	16n50	12n11			n.a.
M 2	18 46	18 11	0s18	19 46	1 38	17 8	1 26	18 37	1 4	5 29	1 27	4 49	2 43	18 21	0 47	22 47	0 45	24 17	16 52	16 54	16 49	12 8			n.a.
T 3	18 30	22 21	1 25	19 8	1 32	16 44	1 26	18 23	1 3	5 29	1 27	4 50	2 44	18 22	0 47	22 47	0 45	24 16	16 51	16 54	16 49	12 5			n.a.
W 4	18 15	25 29	2 30	18 29	1 26	16 20	1 26	18 10	1 3	5 29	1 27	4 51	2 44	18 23	0 47	22 47	0 45	24 16	16 51	16 53	16 48	12 2			n.a.
T 5	17 58	27 14	3 28	17 48	1 19	15 55	1 25	17 56	1 3	5 29	1 27	4 53	2 44	18 23	0 47	22 47	0 45	24 15	16 51	16 52	16 47	11 59			n.a.
F 6	17 42	27 16	4 15	17 5	1 12	15 30	1 25	17 42	1 3	5 29	1 28	4 54	2 44	18 24	0 47	22 47	0 45	24 14	16 51	16 50	16 46	11 56			n.a.
S 7	17 25	25 24	4 47	16 20	1 4	15 4	1 24	17 28	1 2	5 29	1 28	4 55	2 44	18 25	0 47	22 47	0 45	24 14	16 51	16 47	16 45	11 53			n.a.
S 8	17 8	21 44	5 0	15 34	0 55	14 39	1 23	17 14	1 2	5 29	1 28	4 56	2 45	18 25	0 47	22 47	0 45	24 13	16 51	16 43	16 44	11 50			n.a.
M 9	16 51	16 35	4 52	14 46	0 46	14 12	1 23	16 59	1 2	5 28	1 28	4 58	2 45	18 26	0 47	22 47	0 45	24 12	16 50	16 40	16 43	11 47			n.a.
T 10	16 33	10 25	4 23	13 57	0 36	13 46	1 22	16 45	1 2	5 28	1 29	4 59	2 45	18 27	0 47	22 47	0 45	24 12	16 50	16 37	16 42	11 45			n.a.
W11	16 15	3 44	3 37	13 8	0 26	13 19	1 21	16 30	1 1	5 28	1 29	5 1	2 45	18 28	0 47	22 47	0 45	24 11	16 50	16 35	16 41	11 42			n.a.
T 12	15 57	3n 2	2 37	12 17	0 15	12 51	1 20	16 15	1 1	5 27	1 29	5 2	2 46	18 28	0 47	22 47	0 45	24 11	16 50	16 33	16 40	11 39			n.a.
F 13	15 39	9 28	1 29	11 26	0 3	12 24	1 19	16 0	1 1	5 27	1 29	5 3	2 46	18 29	0 47	22 48	0 45	24 10	16 50	16 32	16 39	11 36			n.a.
S 14	15 20	15 16	0 17	10 35	0n 8	11 56	1 18	15 45	1 1	5 26	1 29	5 5	2 46	18 30	0 47	22 48	0 45	24 9	16 50	16 32	16 38	11 33			n.a.
S 15	15 1	20 10	0n53	9 43	0 21	11 27	1 17	15 29	1 0	5 26	1 30	5 6	2 46	18 31	0 47	22 48	0 45	24 9	16 50	16 32	16 37	11 30			n.a.
M16	14 42	23 57	2 0	8 52	0 33	10 59	1 16	15 14	1 0	5 25	1 30	5 8	2 46	18 31	0 47	22 48	0 45	24 8	16 50	16 32	16 36	11 27			n.a.
T 17	14 23	26 25	2 58	8 2	0 46	10 30	1 15	14 58	1 0	5 24	1 30	5 10	2 46	18 32	0 47	22 48	0 45	24 7	16 49	16 31	16 35	11 24			n.a.
W18	14 3	27 30	3 47	7 13	0 59	10 1	1 13	14 43	1 0	5 23	1 30	5 11	2 47	18 33	0 47	22 48	0 45	24 7	16 49	16 30	16 34	11 21			n.a.
T 19	13 43	27 10	4 24	6 25	1 12	9 31	1 12	14 27	0 59	5 22	1 30	5 13	2 47	18 33	0 47	22 48	0 45	24 6	16 49	16 27	16 34	11 18			n.a.
F 20	13 23	25 31	4 48	5 38	1 25	9 2	1 10	14 11	0 59	5 21	1 31	5 14	2 47	18 34	0 47	22 48	0 45	24 5	16 49	16 24	16 33	11 15			n.a.
S 21	13 3	22 43	4 59	4 53	1 38	8 32	1 9	13 55	0 59	5 20	1 31	5 16	2 47	18 35	0 47	22 48	0 45	24 5	16 49	16 20	16 32	11 12			n.a.
S 22	12 43	18 58	4 57	4 11	1 50	8 2	1 8	13 39	0 58	5 19	1 31	5 18	2 47	18 35	0 47	22 48	0 45	24 4	16 49	16 16	16 31	11 9			n.a.
M23	12 22	14 29	4 42	3 31	2 3	7 31	1 6	13 22	0 58	5 18	1 31	5 19	2 47	18 36	0 47	22 48	0 45	24 3	16 49	16 12	16 30	11 6			n.a.
T 24	12 1	9 29	4 14	2 53	2 15	7 1	1 4	13 6	0 58	5 16	1 31	5 21	2 48	18 37	0 47	22 48	0 45	24 3	16 49	16 8	16 29	11 3			n.a.
W25	11 41	4 9	3 35	2 19	2 26	6 30	1 3	12 50	0 57	5 15	1 31	5 23	2 48	18 37	0 47	22 48	0 45	24 2	16 49	16 5	16 28	11 0			n.a.
T 26	11 19	1s21	2 47	1 47	2 36	5 59	1 1	12 33	0 57	5 14	1 32	5 24	2 48	18 38	0 47	22 48	0 45	24 2	16 49	16 2	16 27	10 57			n.a.
F 27	10 58	6 49	1 52	1 19	2 46	5 29	0 59	12 16	0 57	5 12	1 32	5 26	2 48	18 39	0 47	22 48	0 45	24 1	16 49	16 1	16 26	10 54			n.a.
S 28	10s37	12s 7	0n50	0s55	2n55	4s57	0s57	11s59	0s56	5s11	1n32	5n28	2n48	18n39	0n47	22s48	0n45	24s 0	16s49	16n 0	16n25	10n51			n.a.

Julian Day Number = 1487694.5, Delta T = 05h17m20s
Ecliptic obliquity = 23°46'27, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'41, Lahiri = -12°47'40 Julian Calendar 1 Feb. 640 BCE == Greg. Calendar 25 Jan. 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

MARCH 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 7 7	3♓48'04	15♏50	21♓38	21♓ 4	2♓12	16°R28	22°R44	10°R15	22♐30	8♓24	13°D 9	14♉27	13♍19	n.a.	S 1
M 2	10 11 4	4°46'59	28°17	22° 5	22°18	2°57	16♎24	22♍39	10♌12	22°31	8°26	13♉ 9	14°24	13°26	n.a.	M 2
T 3	10 15 0	5°45'53	11♐ 6	22°25	23°32	3°43	16°20	22°35	10°10	22°32	8°27	13°R 9	14°21	13°33	n.a.	T 3
W 4	10 18 57	6°44'45	24°19	22°39	24°45	4°28	16°16	22°31	10° 8	22°33	8°29	13° 8	14°18	13°39	n.a.	W 4
T 5	10 22 54	7°43'35	8♑ 0	22°R45	25°59	5°14	16°11	22°27	10° 6	22°34	8°30	13° 5	14°15	13°46	n.a.	T 5
F 6	10 26 50	8°42'23	22°12	22°45	27°13	5°59	16° 7	22°22	10° 3	22°34	8°32	12°59	14°12	13°53	n.a.	F 6
S 7	10 30 47	9°41'10	6♒51	22°38	28°27	6°44	16° 2	22°18	10° 1	22°35	8°33	12°51	14° 8	13°59	n.a.	S 7
S 8	10 34 43	10°39'54	21°52	22°25	29°40	7°30	15°57	22°14	9°59	22°36	8°35	12°42	14° 5	14° 6	n.a.	S 8
M 9	10 38 40	11°38'37	7♓ 8	22° 7	0♈54	8°15	15°52	22° 9	9°57	22°37	8°36	12°32	14° 2	14°13	n.a.	M 9
T 10	10 42 36	12°37'17	22°26	21°43	2° 8	9° 0	15°47	22° 5	9°55	22°38	8°37	12°24	13°59	14°20	n.a.	T 10
W11	10 46 33	13°35'55	7♈36	21°14	3°21	9°45	15°42	22° 0	9°53	22°38	8°39	12°18	13°56	14°26	n.a.	W11
T 12	10 50 29	14°34'31	22°29	20°41	4°35	10°30	15°36	21°56	9°51	22°39	8°40	12°14	13°52	14°33	n.a.	T 12
F 13	10 54 26	15°33'05	6♉57	20° 4	5°49	11°15	15°31	21°52	9°49	22°40	8°42	12°D12	13°49	14°40	n.a.	F 13
S 14	10 58 22	16°31'36	20°58	19°25	7° 2	12° 0	15°25	21°47	9°47	22°40	8°43	12°12	13°46	14°46	n.a.	S 14
S 15	11 2 19	17°30'06	4♊31	18°44	8°16	12°45	15°19	21°43	9°45	22°41	8°45	12°13	13°43	14°53	n.a.	S 15
M16	11 6 16	18°28'33	17°40	18° 1	9°29	13°30	15°13	21°38	9°43	22°41	8°46	12°R14	13°40	15° 0	n.a.	M16
T 17	11 10 12	19°26'58	0♋27	17°18	10°42	14°15	15° 7	21°34	9°41	22°42	8°47	12°13	13°37	15° 7	n.a.	T 17
W18	11 14 9	20°25'20	12°57	16°36	11°56	15° 0	15° 1	21°29	9°40	22°42	8°49	12°11	13°33	15°13	n.a.	W18
T 19	11 18 5	21°23'40	25°12	15°54	13° 9	15°45	14°54	21°25	9°38	22°43	8°50	12° 6	13°30	15°20	n.a.	T 19
F 20	11 22 2	22°21'59	7♌18	15°15	14°22	16°29	14°48	21°20	9°36	22°43	8°52	11°59	13°27	15°27	n.a.	F 20
S 21	11 25 58	23°20'15	19°16	14°38	15°36	17°14	14°41	21°15	9°34	22°44	8°53	11°51	13°24	15°33	n.a.	S 21
S 22	11 29 55	24°18'28	1♍10	14° 3	16°49	17°59	14°35	21°11	9°33	22°44	8°55	11°42	13°21	15°40	n.a.	S 22
M23	11 33 51	25°16'40	13° 2	13°33	18° 2	18°43	14°28	21° 6	9°31	22°44	8°56	11°33	13°18	15°47	n.a.	M23
T 24	11 37 48	26°14'50	24°53	13° 6	19°15	19°28	14°21	21° 2	9°30	22°45	8°57	11°25	13°14	15°53	n.a.	T 24
W25	11 41 45	27°12'58	6♎45	12°44	20°28	20°12	14°14	20°57	9°28	22°45	8°59	11°18	13°11	16° 0	n.a.	W25
T 26	11 45 41	28°11'04	18°41	12°26	21°41	20°57	14° 7	20°53	9°27	22°45	9° 0	11°14	13° 8	16° 7	n.a.	T 26
F 27	11 49 38	29° 9'09	0♏41	12°13	22°54	21°41	14° 0	20°49	9°25	22°45	9° 1	11°11	13° 5	16°14	n.a.	F 27
S 28	11 53 34	0♈ 7'12	12°49	12° 5	24° 7	22°25	13°53	20°44	9°24	22°46	9° 3	11°D11	13° 2	16°20	n.a.	S 28
S 29	11 57 31	1° 5'13	25° 7	12°D 1	25°20	23° 9	13°46	20°40	9°23	22°46	9° 4	11°12	12°58	16°27	n.a.	S 29
M30	12 1 27	2° 3'13	7♐40	12° 2	26°33	23°54	13°38	20°35	9°21	22°46	9° 6	11°13	12°55	16°34	n.a.	M30
T 31	12 5 24	3♈ 1'12	20♐30	12♓ 8	27♈46	24♓38	13♎31	20♍31	9♌20	22♐46	9♓ 7	11♉14	12♉52	16♍40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	10s15	17s 2	0s14	0s33	3n 4	4s26	0s55	11s43	0s56	5s 9	1n32	5n30	2n48	18n40	0n47	22s48	0n45	24s 0	16s49	16n 0	16n24	10n48			n.a.
M 2	9 53	21 21	1 20	0 16	3 11	3 55	0 53	11 26	0 56	5 7	1 32	5 31	2 48	18 41	0 46	22 49	0 45	23 59	16 49	16 0	16 23	10 45			n.a.
T 3	9 32	24 47	2 23	0 2	3 17	3 23	0 52	11 8	0 55	5 6	1 32	5 33	2 49	18 41	0 46	22 49	0 45	23 59	16 49	16 0	16 22	10 42			n.a.
W 4	9 10	26 59	3 21	0n 7	3 22	2 52	0 49	10 51	0 55	5 4	1 33	5 35	2 49	18 42	0 46	22 49	0 45	23 58	16 49	16 0	16 21	10 39			n.a.
T 5	8 47	27 40	4 9	0 13	3 25	2 20	0 47	10 34	0 55	5 2	1 33	5 37	2 49	18 42	0 46	22 49	0 45	23 58	16 49	15 59	16 20	10 36			n.a.
F 6	8 25	26 35	4 44	0 15	3 27	1 49	0 45	10 17	0 54	5 0	1 33	5 39	2 49	18 43	0 46	22 49	0 45	23 57	16 49	15 57	16 19	10 33			n.a.
S 7	8 3	23 41	5 2	0 13	3 28	1 17	0 43	9 59	0 54	4 58	1 33	5 41	2 49	18 44	0 46	22 49	0 45	23 56	16 49	15 55	16 18	10 30			n.a.
S 8	7 40	19 7	5 0	0 7	3 27	0 45	0 41	9 42	0 53	4 56	1 33	5 42	2 49	18 44	0 46	22 49	0 45	23 56	16 49	15 52	16 17	10 26			n.a.
M 9	7 18	13 17	4 36	0s 2	3 25	0 14	0 39	9 25	0 53	4 54	1 33	5 44	2 49	18 45	0 46	22 49	0 45	23 55	16 49	15 49	16 16	10 23			n.a.
T 10	6 55	6 36	3 53	0 16	3 21	0n18	0 36	9 7	0 53	4 52	1 33	5 46	2 49	18 45	0 46	22 49	0 45	23 55	16 49	15 46	16 15	10 20			n.a.
W11	6 32	0n24	2 54	0 32	3 16	0 50	0 34	8 49	0 52	4 50	1 33	5 48	2 49	18 46	0 46	22 49	0 45	23 54	16 49	15 44	16 14	10 17			n.a.
T 12	6 9	7 16	1 44	0 52	3 9	1 22	0 32	8 32	0 52	4 47	1 34	5 50	2 49	18 46	0 46	22 49	0 45	23 54	16 49	15 43	16 13	10 14			n.a.
F 13	5 46	13 35	0 28	1 14	3 0	1 53	0 29	8 14	0 51	4 45	1 34	5 52	2 49	18 47	0 46	22 49	0 45	23 53	16 49	15 43	16 13	10 11			n.a.
S 14	5 23	19 0	0n47	1 38	2 50	2 25	0 27	7 56	0 51	4 43	1 34	5 53	2 49	18 47	0 46	22 49	0 45	23 53	16 49	15 43	16 12	10 8			n.a.
S 15	5 0	23 15	1 57	2 5	2 39	2 57	0 24	7 38	0 51	4 40	1 34	5 55	2 49	18 48	0 46	22 49	0 45	23 52	16 49	15 43	16 11	10 5			n.a.
M16	4 37	26 9	2 58	2 33	2 27	3 28	0 22	7 20	0 50	4 38	1 34	5 57	2 50	18 48	0 46	22 49	0 45	23 52	16 49	15 43	16 10	10 2			n.a.
T 17	4 14	27 36	3 49	3 3	2 13	4 0	0 19	7 3	0 50	4 35	1 34	5 59	2 50	18 49	0 46	22 49	0 45	23 51	16 49	15 43	16 9	9 59			n.a.
W18	3 51	27 35	4 28	3 33	1 59	4 31	0 17	6 45	0 49	4 33	1 34	6 1	2 50	18 49	0 46	22 49	0 45	23 51	16 49	15 42	16 8	9 56			n.a.
T 19	3 27	26 12	4 53	4 3	1 43	5 3	0 14	6 27	0 49	4 30	1 34	6 3	2 50	18 50	0 46	22 49	0 45	23 50	16 49	15 41	16 7	9 53			n.a.
F 20	3 4	23 37	5 6	4 33	1 28	5 34	0 12	6 9	0 48	4 28	1 34	6 4	2 50	18 50	0 46	22 49	0 45	23 50	16 49	15 39	16 6	9 50			n.a.
S 21	2 41	20 3	5 4	5 2	1 12	6 5	0 9	5 51	0 48	4 25	1 34	6 6	2 50	18 51	0 46	22 49	0 45	23 49	16 49	15 36	16 5	9 47			n.a.
S 22	2 17	15 42	4 49	5 31	0 55	6 36	0 6	5 33	0 47	4 22	1 34	6 8	2 50	18 51	0 46	22 49	0 45	23 49	16 49	15 33	16 4	9 44			n.a.
M23	1 54	10 47	4 22	5 58	0 39	7 7	0 4	5 14	0 47	4 20	1 34	6 10	2 50	18 51	0 46	22 49	0 45	23 48	16 49	15 31	16 3	9 41			n.a.
T 24	1 31	5 28	3 44	6 23	0 22	7 37	0 1	4 56	0 47	4 17	1 35	6 12	2 50	18 52	0 46	22 49	0 45	23 48	16 50	15 28	16 2	9 37			n.a.
W25	1 7	0s 3	2 55	6 47	0 6	8 8	0n 2	4 38	0 46	4 14	1 35	6 13	2 50	18 52	0 46	22 49	0 45	23 47	16 50	15 26	16 1	9 34			n.a.
T 26	0 44	5 35	1 59	7 8	0s10	8 38	0 4	4 20	0 46	4 12	1 35	6 15	2 50	18 53	0 46	22 49	0 45	23 47	16 50	15 25	16 0	9 31			n.a.
F 27	0 21	10 59	0 57	7 28	0 25	9 8	0 7	4 2	0 45	4 9	1 35	6 17	2 50	18 53	0 46	22 49	0 45	23 46	16 50	15 24	15 59	9 28			n.a.
S 28	0n 3	16 2	0s 9	7 45	0 40	9 38	0 10	3 44	0 45	4 6	1 35	6 19	2 50	18 53	0 46	22 49	0 45	23 46	16 50	15 24	15 58	9 25			n.a.
S 29	0 26	20 31	1 15	7 59	0 54	10 8	0 12	3 26	0 44	4 3	1 35	6 20	2 50	18 54	0 46	22 49	0 45	23 46	16 50	15 24	15 57	9 22			n.a.
M30	0 50	24 11	2 19	8 11	1 8	10 37	0 15	3 7	0 44	4 0	1 35	6 22	2 49	18 54	0 46	22 49	0 45	23 45	16 50	15 24	15 56	9 19			n.a.
T 31	1n13	26s43	3s17	8s21	1s21	11n 6	0n18	2s49	0s43	3s57	1n35	6n24	2n49	18n54	0n46	22s49	0n45	23s45	16s50	15n25	15n55	9n16			n.a.

Julian Day Number = 1487722.5, Delta T = 05h17m19s
Ecliptic obliquity = 23°46'27, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'37, Lahiri = -12°47'36 Julian Calendar 1 March 640 BCE == Greg. Calendar 22 Feb. 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

APRIL 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 9 20	3♈59'09	3♉41	12♓19	28♈59	25♓22	13°R23	20°R27	9°R19	22♐46	9♓ 8	11°R15	12♉49	16♍47	n.a.	W 1
T 2	12 13 17	4°57'04	17°16	12°35	0♉12	26° 6	13♎16	20♍22	9♌18	22°R46	9°10	11♉14	12°46	16°54	n.a.	T 2
F 3	12 17 13	5°54'59	1♒17	12°55	1°24	26°50	13° 9	20°18	9°17	22°46	9°11	11°12	12°43	17° 0	n.a.	F 3
S 4	12 21 10	6°52'51	15°43	13°19	2°37	27°34	13° 1	20°14	9°16	22°46	9°12	11° 9	12°39	17° 7	n.a.	S 4
S 5	12 25 7	7°50'43	0♓31	13°48	3°50	28°18	12°53	20° 9	9°15	22°46	9°13	11° 4	12°36	17°14	n.a.	S 5
M 6	12 29 3	8°48'33	15°34	14°21	5° 3	29° 2	12°46	20° 5	9°14	22°45	9°15	11° 0	12°33	17°21	n.a.	M 6
T 7	12 33 0	9°46'21	0♈44	14°58	6°15	29°45	12°38	20° 1	9°13	22°45	9°16	10°55	12°30	17°27	n.a.	T 7
W 8	12 36 56	10°44'08	15°51	15°38	7°28	0♈29	12°31	19°57	9°12	22°45	9°17	10°52	12°27	17°34	n.a.	W 8
T 9	12 40 53	11°41'54	0♉45	16°23	8°40	1°13	12°23	19°53	9°11	22°45	9°19	10°51	12°24	17°41	n.a.	T 9
F 10	12 44 49	12°39'38	15°19	17°11	9°53	1°56	12°15	19°49	9°11	22°45	9°20	10°D50	12°20	17°47	n.a.	F 10
S 11	12 48 46	13°37'20	29°28	18° 2	11° 5	2°40	12° 8	19°45	9°10	22°44	9°21	10°51	12°17	17°54	n.a.	S 11
S 12	12 52 42	14°35'01	13♊10	18°57	12°18	3°23	12° 0	19°41	9° 9	22°44	9°22	10°53	12°14	18° 1	n.a.	S 12
M13	12 56 39	15°32'40	26°26	19°55	13°30	4° 7	11°52	19°37	9° 9	22°44	9°24	10°54	12°11	18° 7	n.a.	M13
T 14	13 0 36	16°30'17	9♋18	20°56	14°42	4°50	11°45	19°34	9° 8	22°43	9°25	10°55	12° 8	18°14	n.a.	T 14
W15	13 4 32	17°27'53	21°49	21°59	15°54	5°34	11°37	19°30	9° 8	22°43	9°26	10°R55	12° 4	18°21	n.a.	W15
T 16	13 8 29	18°25'27	4♌ 5	23° 6	17° 7	6°17	11°30	19°26	9° 7	22°42	9°27	10°54	12° 1	18°28	n.a.	T 16
F 17	13 12 25	19°22'59	16° 8	24°16	18°19	7° 0	11°22	19°23	9° 7	22°42	9°28	10°52	11°58	18°34	n.a.	F 17
S 18	13 16 22	20°20'30	28° 4	25°29	19°31	7°43	11°15	19°19	9° 7	22°41	9°29	10°50	11°55	18°41	n.a.	S 18
S 19	13 20 18	21°17'59	9♍56	26°44	20°43	8°26	11° 7	19°15	9° 6	22°41	9°31	10°47	11°52	18°48	n.a.	S 19
M20	13 24 15	22°15'27	21°46	28° 2	21°55	9°10	11° 0	19°12	9° 6	22°40	9°32	10°44	11°49	18°54	n.a.	M20
T 21	13 28 11	23°12'54	3♎39	29°22	23° 7	9°53	10°52	19° 9	9° 6	22°40	9°33	10°41	11°45	19° 1	n.a.	T 21
W22	13 32 8	24°10'19	15°36	0♈46	24°19	10°35	10°45	19° 5	9° 6	22°39	9°34	10°39	11°42	19° 8	n.a.	W22
T 23	13 36 5	25° 7'43	27°39	2°11	25°31	11°18	10°38	19° 2	9° 6	22°38	9°35	10°38	11°39	19°14	n.a.	T 23
F 24	13 40 1	26° 5'06	9♏50	3°39	26°42	12° 1	10°31	18°59	9°D 6	22°38	9°36	10°D37	11°36	19°21	n.a.	F 24
S 25	13 43 58	27° 2'29	22°11	5°10	27°54	12°44	10°24	18°56	9° 6	22°37	9°37	10°38	11°33	19°28	n.a.	S 25
S 26	13 47 54	27°59'50	4♐43	6°43	29° 6	13°27	10°17	18°53	9° 6	22°36	9°38	10°39	11°29	19°34	n.a.	S 26
M27	13 51 51	28°57'10	17°29	8°19	0♊18	14° 9	10°10	18°50	9° 6	22°36	9°39	10°40	11°26	19°41	n.a.	M27
T 28	13 55 47	29°54'30	0♑30	9°57	1°29	14°52	10° 3	18°47	9° 6	22°35	9°40	10°41	11°23	19°48	n.a.	T 28
W29	13 59 44	0♉51'49	13°48	11°38	2°41	15°35	9°56	18°44	9° 7	22°34	9°41	10°41	11°20	19°55	n.a.	W29
T 30	14 3 40	1♉49'07	27♑24	13♈21	3♊52	16♈17	9♎50	18♍42	9♌ 7	22♐33	9♓42	10°R42	11♉17	20♍ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n36	27s50	4s 7	8s28	1s33	11n35	0n21	2s31	0s43	3s54	1n35	6n26	2n49	18n54	0n46	22s49	0n45	23s44	16s51	15n25	15n54	9n13		n.a.
T 2	2 0	27 21	4 45	8 32	1 44	12 4	0 23	2 13	0 42	3 51	1 35	6 27	2 49	18 55	0 46	22 49	0 46	23 44	16 51	15 25	15 53	9 10		n.a.
F 3	2 23	25 8	5 7	8 34	1 55	12 32	0 26	1 55	0 42	3 49	1 35	6 29	2 49	18 55	0 46	22 49	0 46	23 44	16 51	15 24	15 52	9 6		n.a.
S 4	2 46	21 16	5 11	8 34	2 5	13 0	0 29	1 37	0 41	3 46	1 35	6 31	2 49	18 55	0 46	22 49	0 46	23 43	16 51	15 23	15 51	9 3		n.a.
S 5	3 9	16 1	4 54	8 31	2 14	13 28	0 32	1 19	0 41	3 43	1 35	6 32	2 49	18 56	0 46	22 49	0 46	23 43	16 51	15 22	15 50	9 0		n.a.
M 6	3 32	9 42	4 17	8 25	2 22	13 55	0 34	1 0	0 40	3 40	1 35	6 34	2 49	18 56	0 46	22 49	0 46	23 42	16 51	15 20	15 49	8 57		n.a.
T 7	3 55	2 47	3 22	8 18	2 29	14 23	0 37	0 42	0 40	3 37	1 35	6 35	2 49	18 56	0 46	22 49	0 46	23 42	16 52	15 19	15 48	8 54		n.a.
W 8	4 18	4n17	2 13	8 8	2 36	14 49	0 40	0 24	0 39	3 34	1 34	6 37	2 49	18 56	0 46	22 49	0 46	23 42	16 52	15 18	15 47	8 51		n.a.
T 9	4 41	11 2	0 55	7 55	2 42	15 16	0 43	0 6	0 39	3 31	1 34	6 38	2 49	18 56	0 46	22 49	0 46	23 41	16 52	15 17	15 46	8 48		n.a.
F 10	5 4	17 3	0n25	7 41	2 47	15 42	0 45	0n12	0 38	3 28	1 34	6 40	2 49	18 56	0 45	22 49	0 46	23 41	16 52	15 17	15 45	8 45		n.a.
S 11	5 27	21 57	1 40	7 25	2 51	16 7	0 48	0 30	0 38	3 25	1 34	6 41	2 49	18 57	0 45	22 49	0 46	23 41	16 52	15 17	15 44	8 41		n.a.
S 12	5 50	25 29	2 48	7 6	2 54	16 33	0 51	0 48	0 37	3 22	1 34	6 43	2 48	18 57	0 45	22 49	0 46	23 41	16 52	15 18	15 43	8 38		n.a.
M13	6 12	27 28	3 45	6 46	2 57	16 57	0 53	1 6	0 37	3 19	1 34	6 44	2 48	18 57	0 45	22 49	0 46	23 40	16 53	15 18	15 42	8 35		n.a.
T 14	6 35	27 54	4 28	6 23	2 59	17 22	0 56	1 24	0 36	3 16	1 34	6 46	2 48	18 57	0 45	22 49	0 46	23 40	16 53	15 19	15 41	8 32		n.a.
W15	6 57	26 52	4 57	5 59	3 1	17 46	0 59	1 42	0 36	3 13	1 34	6 47	2 48	18 57	0 45	22 49	0 46	23 40	16 53	15 19	15 40	8 29		n.a.
T 16	7 19	24 33	5 12	5 32	3 1	18 9	1 1	2 0	0 35	3 10	1 34	6 48	2 48	18 57	0 45	22 49	0 46	23 39	16 53	15 18	15 39	8 26		n.a.
F 17	7 41	21 11	5 13	5 4	3 1	18 32	1 4	2 17	0 34	3 7	1 34	6 50	2 48	18 57	0 45	22 49	0 46	23 39	16 54	15 18	15 38	8 23		n.a.
S 18	8 3	17 0	5 0	4 34	3 0	18 55	1 6	2 35	0 34	3 5	1 34	6 51	2 48	18 57	0 45	22 49	0 46	23 39	16 54	15 17	15 37	8 19		n.a.
S 19	8 25	12 11	4 35	4 3	2 59	19 17	1 9	2 53	0 33	3 2	1 34	6 52	2 48	18 57	0 45	22 48	0 46	23 39	16 54	15 16	15 36	8 16		n.a.
M20	8 47	6 56	3 58	3 29	2 57	19 39	1 11	3 11	0 33	2 59	1 33	6 53	2 47	18 57	0 45	22 48	0 46	23 38	16 54	15 15	15 35	8 13		n.a.
T 21	9 9	1 26	3 10	2 54	2 54	20 0	1 14	3 28	0 32	2 56	1 33	6 55	2 47	18 57	0 45	22 48	0 46	23 38	16 54	15 14	15 34	8 10		n.a.
W22	9 30	4s10	2 14	2 18	2 51	20 20	1 16	3 46	0 32	2 53	1 33	6 56	2 47	18 57	0 45	22 48	0 46	23 38	16 55	15 14	15 33	8 7		n.a.
T 23	9 51	9 41	1 11	1 40	2 47	20 40	1 18	4 3	0 31	2 51	1 33	6 57	2 47	18 57	0 45	22 48	0 46	23 38	16 55	15 13	15 32	8 4		n.a.
F 24	10 13	14 54	0 4	1 0	2 42	21 0	1 21	4 21	0 31	2 48	1 33	6 58	2 47	18 57	0 45	22 48	0 46	23 38	16 55	15 13	15 31	8 0		n.a.
S 25	10 34	19 35	1s 4	0 19	2 37	21 19	1 23	4 38	0 30	2 45	1 33	6 59	2 47	18 57	0 45	22 48	0 46	23 37	16 55	15 13	15 30	7 57		n.a.
S 26	10 55	23 30	2 9	0n24	2 31	21 37	1 25	4 56	0 30	2 43	1 32	7 0	2 46	18 57	0 45	22 48	0 46	23 37	16 56	15 13	15 29	7 54		n.a.
M27	11 15	26 20	3 10	1 8	2 25	21 55	1 27	5 13	0 29	2 40	1 32	7 1	2 46	18 57	0 45	22 48	0 46	23 37	16 56	15 14	15 28	7 51		n.a.
T 28	11 36	27 49	4 2	1 53	2 18	22 12	1 30	5 30	0 28	2 38	1 32	7 2	2 46	18 57	0 45	22 48	0 46	23 37	16 56	15 14	15 27	7 48		n.a.
W29	11 56	27 44	4 43	2 40	2 11	22 29	1 32	5 47	0 28	2 35	1 32	7 3	2 46	18 57	0 45	22 48	0 46	23 37	16 57	15 14	15 26	7 45		n.a.
T 30	12n16	26s 0	5s 8	3n27	2s 3	22n45	1n34	6n 4	0s27	2s33	1n32	7n 4	2n46	18n57	0n45	22s48	0n46	23s37	16s57	15n14	15n25	7n41		n.a.

Julian Day Number = 1487753.5, Delta T = 05h17m18s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'33, Lahiri = -12°47'32 Julian Calendar 1 Apr. 640 BCE == Greg. Calendar 25 March 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

MAY 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 7 37	2♉46'24	11♒19	15♈ 6	5♊ 4	17♈ 0	9°R43	18°R39	9♌ 7	22°R32	9♓43	10°R42	11♉14	20♍ 8	n.a.	F 1
S 2	14 11 34	3°43'41	25°33	16°54	6°15	17°42	9♎37	18♍36	9° 8	22♐31	9°44	10♉41	11°10	20°15	n.a.	S 2
S 3	14 15 30	4°40'58	10♓ 2	18°44	7°26	18°24	9°30	18°34	9° 8	22°30	9°45	10°41	11° 7	20°21	n.a.	S 3
M 4	14 19 27	5°38'14	24°44	20°37	8°38	19° 7	9°24	18°32	9° 9	22°29	9°46	10°40	11° 4	20°28	n.a.	M 4
T 5	14 23 23	6°35'29	9♈33	22°32	9°49	19°49	9°18	18°29	9° 9	22°28	9°47	10°40	11° 1	20°35	n.a.	T 5
W 6	14 27 20	7°32'43	24°21	24°29	11° 0	20°31	9°12	18°27	9°10	22°27	9°48	10°39	10°58	20°41	n.a.	W 6
T 7	14 31 16	8°29'57	9♉ 2	26°28	12°11	21°13	9° 6	18°25	9°11	22°26	9°48	10°D39	10°55	20°48	n.a.	T 7
F 8	14 35 13	9°27'11	23°28	28°29	13°22	21°56	9° 0	18°23	9°11	22°25	9°49	10°39	10°51	20°55	n.a.	F 8
S 9	14 39 9	10°24'24	7♊35	0♉33	14°33	22°38	8°55	18°21	9°12	22°24	9°50	10°R39	10°48	21° 1	n.a.	S 9
S 10	14 43 6	11°21'36	21°19	2°38	15°44	23°20	8°49	18°19	9°13	22°23	9°51	10°39	10°45	21° 8	n.a.	S 10
M11	14 47 3	12°18'47	4♋38	4°44	16°55	24° 2	8°44	18°17	9°14	22°22	9°52	10°39	10°42	21°15	n.a.	M11
T 12	14 50 59	13°15'57	17°34	6°52	18° 6	24°43	8°39	18°16	9°15	22°21	9°52	10°39	10°39	21°22	n.a.	T 12
W13	14 54 56	14°13'07	0♌ 9	9° 2	19°17	25°25	8°34	18°14	9°16	22°20	9°53	10°39	10°35	21°28	n.a.	W13
T 14	14 58 52	15°10'16	12°27	11°12	20°27	26° 7	8°29	18°13	9°17	22°19	9°54	10°D39	10°32	21°35	n.a.	T 14
F 15	15 2 49	16° 7'24	24°32	13°23	21°38	26°49	8°24	18°11	9°18	22°17	9°55	10°39	10°29	21°42	n.a.	F 15
S 16	15 6 45	17° 4'31	6♍27	15°34	22°49	27°31	8°19	18°10	9°19	22°16	9°55	10°39	10°26	21°48	n.a.	S 16
S 17	15 10 42	18° 1'38	18°19	17°45	23°59	28°12	8°15	18° 9	9°20	22°15	9°56	10°40	10°23	21°55	n.a.	S 17
M18	15 14 39	18°58'44	0♎10	19°56	25° 9	28°54	8°10	18° 8	9°22	22°14	9°57	10°40	10°20	22° 2	n.a.	M18
T 19	15 18 35	19°55'50	12° 5	22° 7	26°20	29°35	8° 6	18° 7	9°23	22°12	9°57	10°41	10°16	22° 8	n.a.	T 19
W20	15 22 32	20°52'55	24° 8	24°17	27°30	0♉17	8° 2	18° 6	9°24	22°11	9°58	10°42	10°13	22°15	n.a.	W20
T 21	15 26 28	21°50'00	6♏21	26°27	28°40	0°58	7°59	18° 5	9°26	22°10	9°58	10°R42	10°10	22°22	n.a.	T 21
F 22	15 30 25	22°47'05	18°45	28°35	29°50	1°39	7°55	18° 4	9°27	22° 8	9°59	10°42	10° 7	22°28	n.a.	F 22
S 23	15 34 21	23°44'09	1♐24	0♊42	1♋ 0	2°21	7°51	18° 3	9°29	22° 7	9°59	10°42	10° 4	22°35	n.a.	S 23
S 24	15 38 18	24°41'13	14°16	2°47	2°10	3° 2	7°48	18° 3	9°30	22° 6	10° 0	10°40	10° 1	22°42	n.a.	S 24
M25	15 42 14	25°38'18	27°23	4°51	3°20	3°43	7°45	18° 2	9°32	22° 4	10° 0	10°38	9°57	22°49	n.a.	M25
T 26	15 46 11	26°35'22	10♑44	6°53	4°30	4°24	7°42	18° 2	9°33	22° 3	10° 1	10°36	9°54	22°55	n.a.	T 26
W27	15 50 8	27°32'27	24°18	8°54	5°39	5° 5	7°39	18° 2	9°35	22° 1	10° 1	10°34	9°51	23° 2	n.a.	W27
T 28	15 54 4	28°29'32	8♒ 5	10°52	6°49	5°46	7°36	18° 2	9°37	22° 0	10° 2	10°33	9°48	23° 9	n.a.	T 28
F 29	15 58 1	29°26'37	22° 3	12°49	7°59	6°27	7°34	18°D 2	9°39	21°58	10° 2	10°32	9°45	23°15	n.a.	F 29
S 30	16 1 57	0♊23'42	6♓11	14°44	9° 8	7° 8	7°32	18° 2	9°41	21°57	10° 3	10°D32	9°41	23°22	n.a.	S 30
S 31	16 5 54	1♊20'48	20♓26	16♊37	10♋17	7♉49	7♎30	18♍ 2	9♌42	21♐55	10♓ 3	10♉33	9♉38	23♍29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n36	22s41	5s17	4n16	1s55	23n 0	1n36	6n21	0s27	2s30	1n32	7n 5	2n45	18n57	0n45	22s48	0n46	23s37	16s57	15n14	15n24	7n38		n.a.
S 2	12 56	17 58	5 6	5 6	1 46	23 15	1 38	6 38	0 26	2 28	1 31	7 6	2 45	18 56	0 45	22 48	0 46	23 37	16 57	15 14	15 23	7 35		n.a.
S 3	13 16	12 10	4 36	5 57	1 37	23 29	1 39	6 55	0 25	2 25	1 31	7 7	2 45	18 56	0 45	22 48	0 46	23 36	16 58	15 14	15 22	7 32		n.a.
M 4	13 35	5 36	3 48	6 49	1 27	23 43	1 41	7 12	0 25	2 23	1 31	7 7	2 45	18 56	0 45	22 48	0 46	23 36	16 58	15 14	15 21	7 29		n.a.
T 5	13 54	1n20	2 44	7 41	1 17	23 56	1 43	7 29	0 24	2 21	1 31	7 8	2 45	18 56	0 45	22 48	0 46	23 36	16 58	15 14	15 20	7 25		n.a.
W 6	14 13	8 11	1 29	8 35	1 7	24 8	1 45	7 46	0 24	2 19	1 31	7 9	2 44	18 56	0 45	22 48	0 46	23 36	16 59	15 14	15 19	7 22		n.a.
T 7	14 32	14 34	0 9	9 28	0 57	24 20	1 46	8 2	0 23	2 17	1 30	7 9	2 44	18 56	0 44	22 48	0 46	23 36	16 59	15 14	15 18	7 19		n.a.
F 8	14 51	20 2	1n11	10 22	0 46	24 30	1 48	8 19	0 23	2 14	1 30	7 10	2 44	18 55	0 44	22 47	0 46	23 36	16 59	15 14	15 17	7 16		n.a.
S 9	15 9	24 15	2 24	11 16	0 35	24 41	1 49	8 35	0 22	2 12	1 30	7 11	2 44	18 55	0 44	22 47	0 46	23 36	17 0	15 14	15 16	7 13		n.a.
S 10	15 27	26 56	3 27	12 10	0 25	24 50	1 51	8 51	0 21	2 10	1 30	7 11	2 44	18 55	0 44	22 47	0 46	23 36	17 0	15 14	15 15	7 9		n.a.
M11	15 45	27 58	4 17	13 4	0 14	24 59	1 52	9 8	0 21	2 9	1 29	7 12	2 43	18 54	0 44	22 47	0 46	23 36	17 0	15 14	15 14	7 6		n.a.
T 12	16 2	27 25	4 52	13 57	0 3	25 7	1 53	9 24	0 20	2 7	1 29	7 12	2 43	18 54	0 44	22 47	0 46	23 36	17 0	15 14	15 13	7 3		n.a.
W13	16 20	25 28	5 12	14 50	0n 8	25 14	1 55	9 40	0 20	2 5	1 29	7 12	2 43	18 54	0 44	22 47	0 46	23 36	17 1	15 13	15 12	7 0		n.a.
T 14	16 37	22 22	5 17	15 41	0 18	25 21	1 56	9 56	0 19	2 3	1 29	7 13	2 43	18 54	0 44	22 47	0 46	23 36	17 1	15 13	15 11	6 57		n.a.
F 15	16 54	18 21	5 8	16 32	0 29	25 27	1 57	10 12	0 18	2 1	1 28	7 13	2 43	18 53	0 44	22 47	0 46	23 36	17 1	15 13	15 10	6 53		n.a.
S 16	17 10	13 41	4 46	17 21	0 39	25 32	1 58	10 27	0 18	2 0	1 28	7 14	2 42	18 53	0 44	22 47	0 46	23 36	17 2	15 14	15 9	6 50		n.a.
S 17	17 26	8 32	4 11	18 8	0 48	25 37	1 59	10 43	0 17	1 58	1 28	7 14	2 42	18 53	0 44	22 47	0 46	23 36	17 2	15 14	15 8	6 47		n.a.
M18	17 42	3 5	3 26	18 53	0 57	25 40	1 59	10 59	0 17	1 57	1 28	7 14	2 42	18 52	0 44	22 47	0 46	23 36	17 2	15 14	15 7	6 44		n.a.
T 19	17 58	2s31	2 32	19 37	1 6	25 44	2 0	11 14	0 16	1 55	1 27	7 14	2 42	18 52	0 44	22 47	0 46	23 36	17 3	15 14	15 6	6 41		n.a.
W20	18 14	8 5	1 31	20 18	1 14	25 46	2 1	11 29	0 15	1 54	1 27	7 14	2 41	18 51	0 44	22 47	0 46	23 36	17 3	15 14	15 5	6 37		n.a.
T 21	18 29	13 27	0 24	20 57	1 21	25 47	2 1	11 45	0 15	1 53	1 27	7 14	2 41	18 51	0 44	22 46	0 46	23 36	17 3	15 15	15 4	6 34		n.a.
F 22	18 44	18 21	0s44	21 33	1 28	25 48	2 2	12 0	0 14	1 52	1 27	7 15	2 41	18 51	0 44	22 46	0 46	23 36	17 4	15 15	15 3	6 31		n.a.
S 23	18 58	22 33	1 52	22 7	1 34	25 49	2 2	12 15	0 13	1 50	1 26	7 15	2 41	18 50	0 44	22 46	0 46	23 37	17 4	15 14	15 2	6 28		n.a.
S 24	19 12	25 44	2 55	22 38	1 40	25 48	2 3	12 30	0 13	1 49	1 26	7 15	2 40	18 50	0 44	22 46	0 46	23 37	17 5	15 14	15 1	6 24		n.a.
M25	19 26	27 35	3 50	23 7	1 45	25 47	2 3	12 44	0 12	1 48	1 26	7 15	2 40	18 49	0 44	22 46	0 46	23 37	17 5	15 13	15 0	6 21		n.a.
T 26	19 40	27 53	4 34	23 33	1 49	25 45	2 3	12 59	0 12	1 47	1 25	7 14	2 40	18 49	0 44	22 46	0 46	23 37	17 5	15 13	14 59	6 18		n.a.
W27	19 53	26 31	5 3	23 56	1 52	25 42	2 3	13 14	0 11	1 47	1 25	7 14	2 40	18 48	0 44	22 46	0 46	23 37	17 6	15 12	14 58	6 15		n.a.
T 28	20 6	23 34	5 15	24 17	1 55	25 38	2 3	13 28	0 10	1 46	1 25	7 14	2 39	18 48	0 44	22 46	0 46	23 37	17 6	15 12	14 57	6 11		n.a.
F 29	20 19	19 13	5 9	24 35	1 57	25 34	2 3	13 42	0 10	1 45	1 24	7 14	2 39	18 47	0 44	22 46	0 46	23 37	17 6	15 11	14 56	6 8		n.a.
S 30	20 31	13 46	4 44	24 51	1 58	25 29	2 2	13 57	0 9	1 44	1 24	7 14	2 39	18 47	0 44	22 46	0 46	23 38	17 7	15 11	14 55	6 5		n.a.
S 31	20n43	7s32	4s 2	25n 4	1n59	25n24	2n 2	14n11	0s 8	1s44	1n24	7n13	2n39	18n46	0n44	22s46	0n46	23s38	17s 7	15n11	14n54	6n 2		n.a.

Julian Day Number = 1487783.5, Delta T = 05h17m16s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'28, Lahiri = -12°47'28 Julian Calendar 1 May 640 BCE == Greg. Calendar 24 Apr. 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

JUNE 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 9 50	2♊17'54	4♈48	18♊27	11♋27	8♉30	7°R28	18♍ 2	9♌44	21°R54	10♓ 3	10♉34	9♉35	23♍35	n.a.	M 1
T 2	16 13 47	3°15'01	19°12	20°16	12°36	9°11	7♎26	18° 2	9°46	21♐52	10° 4	10°35	9°32	23°42	n.a.	T 2
W 3	16 17 43	4°12'08	3♉34	22° 3	13°45	9°52	7°24	18° 3	9°48	21°51	10° 4	10°R36	9°29	23°49	n.a.	W 3
T 4	16 21 40	5° 9'15	17°51	23°48	14°54	10°32	7°23	18° 3	9°50	21°49	10° 4	10°36	9°26	23°55	n.a.	T 4
F 5	16 25 37	6° 6'23	1♊58	25°30	16° 3	11°13	7°22	18° 4	9°52	21°48	10° 5	10°35	9°22	24° 2	n.a.	F 5
S 6	16 29 33	7° 3'32	15°51	27°11	17°12	11°54	7°21	18° 5	9°55	21°46	10° 5	10°32	9°19	24° 9	n.a.	S 6
S 7	16 33 30	8° 0'40	29°25	28°50	18°20	12°34	7°20	18° 5	9°57	21°45	10° 5	10°29	9°16	24°15	n.a.	S 7
M 8	16 37 26	8°57'49	12♋40	0♋27	19°29	13°15	7°19	18° 6	9°59	21°43	10° 5	10°24	9°13	24°22	n.a.	M 8
T 9	16 41 23	9°54'58	25°35	2° 1	20°37	13°55	7°19	18° 7	10° 1	21°42	10° 6	10°20	9°10	24°29	n.a.	T 9
W10	16 45 19	10°52'07	8♌11	3°34	21°46	14°35	7°18	18° 8	10° 4	21°40	10° 6	10°16	9° 7	24°36	n.a.	W10
T 11	16 49 16	11°49'17	20°29	5° 5	22°54	15°16	7°D18	18°10	10° 6	21°38	10° 6	10°13	9° 3	24°42	n.a.	T 11
F 12	16 53 13	12°46'26	2♍34	6°33	24° 2	15°56	7°18	18°11	10° 8	21°37	10° 6	10°11	9° 0	24°49	n.a.	F 12
S 13	16 57 9	13°43'36	14°30	8° 0	25°10	16°36	7°19	18°12	10°11	21°35	10° 6	10°D10	8°57	24°56	n.a.	S 13
S 14	17 1 6	14°40'46	26°21	9°24	26°18	17°16	7°19	18°14	10°13	21°34	10° 6	10°11	8°54	25° 2	n.a.	S 14
M15	17 5 2	15°37'57	8♎13	10°46	27°26	17°56	7°20	18°15	10°16	21°32	10° 6	10°12	8°51	25° 9	n.a.	M15
T 16	17 8 59	16°35'08	20°10	12° 6	28°34	18°36	7°20	18°17	10°19	21°30	10° 6	10°14	8°47	25°16	n.a.	T 16
W17	17 12 55	17°32'19	2♏17	13°24	29°41	19°16	7°21	18°19	10°21	21°29	10°R 6	10°15	8°44	25°22	n.a.	W17
T 18	17 16 52	18°29'31	14°38	14°39	0♌49	19°56	7°23	18°21	10°24	21°27	10° 6	10°R15	8°41	25°29	n.a.	T 18
F 19	17 20 48	19°26'43	27°15	15°52	1°56	20°36	7°24	18°23	10°26	21°26	10° 6	10°14	8°38	25°36	n.a.	F 19
S 20	17 24 45	20°23'56	10♐11	17° 3	3° 3	21°16	7°25	18°25	10°29	21°24	10° 6	10°11	8°35	25°42	n.a.	S 20
S 21	17 28 42	21°21'10	23°25	18°11	4°10	21°56	7°27	18°27	10°32	21°22	10° 6	10° 6	8°32	25°49	n.a.	S 21
M22	17 32 38	22°18'25	6♑57	19°17	5°17	22°36	7°29	18°29	10°35	21°21	10° 6	10° 0	8°28	25°56	n.a.	M22
T 23	17 36 35	23°15'41	20°44	20°20	6°23	23°15	7°31	18°31	10°38	21°19	10° 6	9°53	8°25	26° 2	n.a.	T 23
W24	17 40 31	24°12'58	4♒42	21°20	7°30	23°55	7°33	18°34	10°40	21°17	10° 6	9°46	8°22	26° 9	n.a.	W24
T 25	17 44 28	25°10'15	18°49	22°18	8°36	24°35	7°36	18°36	10°43	21°16	10° 6	9°41	8°19	26°16	n.a.	T 25
F 26	17 48 24	26° 7'34	3♓ 0	23°12	9°43	25°14	7°38	18°39	10°46	21°14	10° 5	9°37	8°16	26°22	n.a.	F 26
S 27	17 52 21	27° 4'54	17°12	24° 3	10°49	25°54	7°41	18°41	10°49	21°13	10° 5	9°35	8°13	26°29	n.a.	S 27
S 28	17 56 18	28° 2'16	1♈23	24°51	11°55	26°33	7°44	18°44	10°52	21°11	10° 5	9°D34	8° 9	26°36	n.a.	S 28
M29	18 0 14	28°59'39	15°31	25°36	13° 0	27°13	7°47	18°47	10°55	21° 9	10° 5	9°35	8° 6	26°42	n.a.	M29
T 30	18 4 11	29♊57'03	29♈35	26♋17	14♌ 6	27♉52	7♎50	18♍50	10♌58	21♐ 8	10♓ 4	9♉36	8♉ 3	26♍49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n55	0s53	3s 5	25n14	1n59	25n18	2n 2	14n25	0s 8	1s43	1n24	7n13	2n38	18n46	0n44	22s46	0n46	23s38	17s 7	15n12	14n53	5n58		n.a.
T 2	21 6	5n51	1 55	25 23	1 58	25 11	2 1	14 39	0 7	1 43	1 23	7 13	2 38	18 45	0 44	22 45	0 46	23 38	17 8	15 12	14 52	5 55		n.a.
W 3	21 17	12 17	0 39	25 29	1 57	25 3	2 0	14 52	0 7	1 43	1 23	7 12	2 38	18 44	0 44	22 45	0 46	23 38	17 8	15 13	14 51	5 52		n.a.
T 4	21 27	18 2	0n40	25 33	1 55	24 55	2 0	15 6	0 6	1 42	1 23	7 12	2 38	18 44	0 44	22 45	0 46	23 38	17 8	15 13	14 50	5 49		n.a.
F 5	21 38	22 43	1 55	25 34	1 53	24 46	1 59	15 19	0 5	1 42	1 22	7 11	2 37	18 43	0 43	22 45	0 46	23 39	17 9	15 12	14 49	5 45		n.a.
S 6	21 48	26 1	3 1	25 34	1 49	24 36	1 58	15 33	0 5	1 42	1 22	7 11	2 37	18 43	0 43	22 45	0 46	23 39	17 9	15 11	14 48	5 42		n.a.
S 7	21 57	27 43	3 56	25 32	1 46	24 26	1 57	15 46	0 4	1 42	1 22	7 10	2 37	18 42	0 43	22 45	0 46	23 39	17 10	15 10	14 47	5 39		n.a.
M 8	22 6	27 45	4 37	25 28	1 42	24 15	1 56	15 59	0 3	1 42	1 22	7 10	2 37	18 41	0 43	22 45	0 46	23 39	17 10	15 9	14 46	5 36		n.a.
T 9	22 15	26 16	5 2	25 22	1 37	24 3	1 54	16 12	0 3	1 42	1 21	7 9	2 36	18 41	0 43	22 45	0 46	23 40	17 10	15 7	14 45	5 32		n.a.
W10	22 23	23 29	5 12	25 15	1 32	23 51	1 53	16 24	0 2	1 42	1 21	7 9	2 36	18 40	0 43	22 45	0 46	23 40	17 11	15 6	14 44	5 29		n.a.
T 11	22 31	19 43	5 8	25 6	1 26	23 38	1 51	16 37	0 1	1 42	1 21	7 8	2 36	18 39	0 43	22 45	0 46	23 40	17 11	15 5	14 43	5 26		n.a.
F 12	22 39	15 11	4 49	24 56	1 20	23 24	1 50	16 50	0 1	1 43	1 20	7 7	2 36	18 39	0 43	22 45	0 46	23 41	17 11	15 5	14 42	5 23		n.a.
S 13	22 46	10 9	4 18	24 45	1 13	23 10	1 48	17 2	0 0	1 43	1 20	7 6	2 35	18 38	0 43	22 44	0 46	23 41	17 12	15 4	14 41	5 19		n.a.
S 14	22 53	4 47	3 37	24 32	1 6	22 55	1 46	17 14	0n 1	1 44	1 20	7 5	2 35	18 37	0 43	22 44	0 46	23 41	17 12	15 5	14 40	5 16		n.a.
M15	22 59	0s46	2 46	24 18	0 58	22 40	1 44	17 26	0 1	1 44	1 19	7 5	2 35	18 36	0 43	22 44	0 46	23 41	17 13	15 5	14 39	5 13		n.a.
T 16	23 5	6 20	1 47	24 3	0 50	22 24	1 42	17 38	0 2	1 45	1 19	7 4	2 35	18 36	0 43	22 44	0 46	23 42	17 13	15 6	14 38	5 9		n.a.
W17	23 11	11 46	0 43	23 47	0 41	22 8	1 40	17 50	0 3	1 45	1 19	7 3	2 34	18 35	0 43	22 44	0 46	23 42	17 13	15 6	14 37	5 6		n.a.
T 18	23 16	16 50	0s24	23 30	0 33	21 51	1 38	18 1	0 3	1 46	1 18	7 2	2 34	18 34	0 43	22 44	0 46	23 42	17 14	15 6	14 36	5 3		n.a.
F 19	23 21	21 18	1 31	23 12	0 23	21 33	1 36	18 13	0 4	1 47	1 18	7 1	2 34	18 33	0 43	22 44	0 46	23 43	17 14	15 6	14 35	5 0		n.a.
S 20	23 25	24 51	2 35	22 54	0 14	21 15	1 33	18 24	0 4	1 48	1 18	7 0	2 34	18 33	0 43	22 44	0 46	23 43	17 14	15 5	14 34	4 56		n.a.
S 21	23 29	27 9	3 32	22 35	0 4	20 57	1 30	18 35	0 5	1 49	1 18	6 59	2 33	18 32	0 43	22 44	0 46	23 44	17 15	15 3	14 33	4 53		n.a.
M22	23 33	27 54	4 19	22 15	0s 7	20 38	1 28	18 46	0 6	1 50	1 17	6 58	2 33	18 31	0 43	22 44	0 46	23 44	17 15	15 1	14 32	4 50		n.a.
T 23	23 36	26 57	4 51	21 55	0 17	20 18	1 25	18 57	0 6	1 51	1 17	6 56	2 33	18 30	0 43	22 43	0 46	23 44	17 15	14 59	14 30	4 46		n.a.
W24	23 39	24 19	5 7	21 35	0 28	19 58	1 22	19 8	0 7	1 52	1 17	6 55	2 33	18 29	0 43	22 43	0 46	23 45	17 16	14 57	14 29	4 43		n.a.
T 25	23 41	20 12	5 4	21 15	0 40	19 38	1 19	19 18	0 8	1 53	1 16	6 54	2 32	18 29	0 43	22 43	0 46	23 45	17 16	14 55	14 28	4 40		n.a.
F 26	23 43	14 56	4 43	20 54	0 51	19 17	1 16	19 29	0 8	1 55	1 16	6 53	2 32	18 28	0 43	22 43	0 46	23 45	17 17	14 54	14 27	4 37		n.a.
S 27	23 44	8 52	4 5	20 34	1 3	18 56	1 13	19 39	0 9	1 56	1 16	6 52	2 32	18 27	0 43	22 43	0 46	23 46	17 17	14 53	14 26	4 33		n.a.
S 28	23 46	2 21	3 11	20 13	1 15	18 34	1 9	19 49	0 10	1 57	1 15	6 50	2 32	18 26	0 43	22 43	0 46	23 46	17 17	14 53	14 25	4 30		n.a.
M29	23 46	4n16	2 6	19 53	1 27	18 12	1 6	19 59	0 10	1 59	1 15	6 49	2 32	18 25	0 43	22 43	0 46	23 47	17 18	14 53	14 24	4 27		n.a.
T 30	23n46	10n39	0s54	19n33	1s40	17n49	1n 2	20n 8	0n11	2s 0	1n15	6n47	2n31	18n24	0n43	22s43	0n46	23s47	17s18	14n53	14n23	4n23		n.a.

Julian Day Number = 1487814.5, Delta T = 05h17m15s
Ecliptic obliquity = 23°46'27, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'24, Lahiri = -12°47'24 Julian Calendar 1 June 640 BCE == Greg. Calendar 25 May 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

JULY 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 8 7	0♋54'28	13♉33	26♋54	15♌11	28♉31	7♎54	18♍53	11♌ 1	21°R 6	10°R 4	9°R36	8♉ 0	26♍56	n.a.	W 1
T 2	18 12 4	1°51'55	27°24	27°27	16°16	29°11	7°57	18°56	11° 4	21♐ 5	10♓ 4	9♉35	7°57	27° 3	n.a.	T 2
F 3	18 16 0	2°49'24	11♊ 6	27°57	17°21	29°50	8° 1	18°59	11° 8	21° 3	10° 4	9°31	7°53	27° 9	n.a.	F 3
S 4	18 19 57	3°46'53	24°37	28°21	18°26	0♊29	8° 5	19° 3	11°11	21° 1	10° 3	9°25	7°50	27°16	n.a.	S 4
S 5	18 23 53	4°44'24	7♋54	28°42	19°31	1° 8	8° 9	19° 6	11°14	21° 0	10° 3	9°17	7°47	27°23	n.a.	S 5
M 6	18 27 50	5°41'57	20°57	28°57	20°35	1°47	8°13	19° 9	11°17	20°58	10° 2	9° 8	7°44	27°29	n.a.	M 6
T 7	18 31 47	6°39'30	3♌43	29° 8	21°39	2°26	8°18	19°13	11°20	20°57	10° 2	8°57	7°41	27°36	n.a.	T 7
W 8	18 35 43	7°37'05	16°13	29°13	22°43	3° 5	8°22	19°17	11°24	20°55	10° 2	8°48	7°38	27°43	n.a.	W 8
T 9	18 39 40	8°34'40	28°28	29°R13	23°47	3°44	8°27	19°20	11°27	20°54	10° 1	8°40	7°34	27°49	n.a.	T 9
F 10	18 43 36	9°32'17	10♍31	29° 8	24°51	4°23	8°32	19°24	11°30	20°52	10° 1	8°33	7°31	27°56	n.a.	F 10
S 11	18 47 33	10°29'55	22°25	28°57	25°54	5° 2	8°37	19°28	11°34	20°51	10° 0	8°30	7°28	28° 3	n.a.	S 11
S 12	18 51 29	11°27'34	4♎15	28°41	26°57	5°40	8°42	19°32	11°37	20°49	10° 0	8°28	7°25	28° 9	n.a.	S 12
M13	18 55 26	12°25'14	16° 6	28°19	28° 0	6°19	8°48	19°36	11°41	20°48	9°59	8°D27	7°22	28°16	n.a.	M13
T 14	18 59 22	13°22'55	28° 3	27°51	29° 2	6°58	8°53	19°40	11°44	20°46	9°59	8°28	7°19	28°23	n.a.	T 14
W15	19 3 19	14°20'38	10♏11	27°19	0♍ 5	7°36	8°59	19°44	11°47	20°45	9°58	8°R28	7°15	28°29	n.a.	W15
T 16	19 7 16	15°18'22	22°35	26°41	1° 7	8°15	9° 5	19°48	11°51	20°43	9°57	8°27	7°12	28°36	n.a.	T 16
F 17	19 11 12	16°16'07	5♐20	25°59	2° 8	8°53	9°11	19°53	11°54	20°42	9°57	8°24	7° 9	28°43	n.a.	F 17
S 18	19 15 9	17°13'54	18°27	25°13	3°10	9°32	9°17	19°57	11°58	20°40	9°56	8°19	7° 6	28°49	n.a.	S 18
S 19	19 19 5	18°11'42	1♑59	24°23	4°11	10°10	9°23	20° 2	12° 1	20°39	9°56	8°11	7° 3	28°56	n.a.	S 19
M20	19 23 2	19° 9'32	15°53	23°31	5°12	10°48	9°29	20° 6	12° 5	20°38	9°55	8° 1	6°59	29° 3	n.a.	M20
T 21	19 26 58	20° 7'23	0♒ 6	22°38	6°12	11°27	9°36	20°11	12° 9	20°36	9°54	7°51	6°56	29° 9	n.a.	T 21
W22	19 30 55	21° 5'16	14°31	21°44	7°12	12° 5	9°43	20°15	12°12	20°35	9°54	7°40	6°53	29°16	n.a.	W22
T 23	19 34 51	22° 3'11	29° 4	20°50	8°12	12°43	9°50	20°20	12°16	20°34	9°53	7°31	6°50	29°23	n.a.	T 23
F 24	19 38 48	23° 1'08	13♓37	19°58	9°12	13°21	9°57	20°25	12°19	20°32	9°52	7°24	6°47	29°29	n.a.	F 24
S 25	19 42 45	23°59'06	28° 3	19° 9	10°11	13°59	10° 4	20°30	12°23	20°31	9°51	7°19	6°44	29°36	n.a.	S 25
S 26	19 46 41	24°57'07	12♈21	18°24	11° 9	14°37	10°11	20°35	12°27	20°30	9°51	7°17	6°40	29°43	n.a.	S 26
M27	19 50 38	25°55'09	26°27	17°44	12° 8	15°15	10°18	20°40	12°30	20°28	9°50	7°D17	6°37	29°49	n.a.	M27
T 28	19 54 34	26°53'14	10♉20	17° 9	13° 5	15°53	10°26	20°45	12°34	20°27	9°49	7°R17	6°34	29°56	n.a.	T 28
W29	19 58 31	27°51'21	24° 2	16°42	14° 3	16°31	10°33	20°50	12°38	20°26	9°48	7°16	6°31	0♎ 3	n.a.	W29
T 30	20 2 27	28°49'30	7♊32	16°21	15° 0	17° 9	10°41	20°55	12°41	20°25	9°47	7°13	6°28	0° 9	n.a.	T 30
F 31	20 6 24	29♋47'41	20♊51	16♋ 9	15♍57	17♊46	10♎49	21♍ 0	12♌45	20♐24	9♓47	7♉ 8	6♉25	0♎16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n46	16n28	0n21	19n14	1s52	17n26	0n58	20n18	0n12	2s 2	1n15	6n46	2n31	18n24	0n43	22s43	0n46	23s48	17s18	14n53	14n22	4n20			n.a.
T 2	23 46	21 23	1 34	18 55	2 5	17 3	0 55	20 27	0 12	2 4	1 14	6 45	2 31	18 23	0 43	22 43	0 46	23 48	17 19	14 53	14 21	4 17			n.a.
F 3	23 45	25 4	2 41	18 37	2 17	16 39	0 51	20 37	0 13	2 6	1 14	6 43	2 31	18 22	0 43	22 43	0 46	23 48	17 19	14 52	14 20	4 13			n.a.
S 4	23 43	27 17	3 37	18 20	2 30	16 15	0 47	20 46	0 14	2 7	1 14	6 42	2 30	18 21	0 43	22 42	0 46	23 49	17 19	14 50	14 19	4 10			n.a.
S 5	23 41	27 52	4 21	18 3	2 43	15 51	0 42	20 55	0 15	2 9	1 13	6 40	2 30	18 20	0 43	22 42	0 46	23 49	17 20	14 47	14 18	4 7			n.a.
M 6	23 39	26 53	4 50	17 48	2 55	15 26	0 38	21 3	0 15	2 11	1 13	6 39	2 30	18 19	0 43	22 42	0 46	23 50	17 20	14 44	14 17	4 4			n.a.
T 7	23 36	24 30	5 3	17 34	3 7	15 1	0 34	21 12	0 16	2 13	1 13	6 37	2 30	18 18	0 43	22 42	0 46	23 50	17 20	14 41	14 16	4 0			n.a.
W 8	23 33	20 59	5 2	17 21	3 19	14 36	0 29	21 20	0 17	2 15	1 12	6 35	2 30	18 17	0 43	22 42	0 45	23 51	17 21	14 38	14 15	3 57			n.a.
T 9	23 30	16 38	4 47	17 10	3 31	14 10	0 25	21 28	0 17	2 18	1 12	6 34	2 29	18 16	0 43	22 42	0 45	23 51	17 21	14 35	14 14	3 54			n.a.
F 10	23 26	11 43	4 19	17 0	3 41	13 44	0 20	21 37	0 18	2 20	1 12	6 32	2 29	18 15	0 43	22 42	0 45	23 52	17 21	14 33	14 13	3 50			n.a.
S 11	23 21	6 24	3 40	16 53	3 52	13 18	0 15	21 44	0 19	2 22	1 12	6 30	2 29	18 14	0 43	22 42	0 45	23 52	17 22	14 32	14 12	3 47			n.a.
S 12	23 16	0 55	2 52	16 47	4 1	12 52	0 10	21 52	0 19	2 24	1 11	6 28	2 29	18 13	0 43	22 42	0 45	23 53	17 22	14 31	14 11	3 44			n.a.
M13	23 11	4s38	1 56	16 42	4 10	12 25	0 5	22 0	0 20	2 27	1 11	6 27	2 28	18 12	0 43	22 42	0 45	23 53	17 22	14 31	14 10	3 40			n.a.
T 14	23 5	10 4	0 55	16 40	4 18	11 58	0 0	22 7	0 21	2 29	1 11	6 25	2 28	18 11	0 43	22 42	0 45	23 54	17 23	14 31	14 9	3 37			n.a.
W15	22 59	15 13	0s 9	16 41	4 24	11 31	0s 5	22 14	0 21	2 32	1 11	6 23	2 28	18 10	0 43	22 42	0 45	23 54	17 23	14 32	14 8	3 34			n.a.
T 16	22 53	19 52	1 14	16 43	4 29	11 4	0 11	22 21	0 22	2 34	1 10	6 21	2 28	18 9	0 43	22 41	0 45	23 55	17 23	14 31	14 6	3 30			n.a.
F 17	22 46	23 45	2 18	16 47	4 32	10 37	0 16	22 28	0 23	2 37	1 10	6 19	2 28	18 8	0 43	22 41	0 45	23 55	17 24	14 30	14 5	3 27			n.a.
S 18	22 39	26 31	3 16	16 54	4 34	10 9	0 22	22 35	0 23	2 40	1 10	6 17	2 27	18 7	0 43	22 41	0 45	23 56	17 24	14 28	14 4	3 24			n.a.
S 19	22 31	27 50	4 4	17 2	4 34	9 41	0 27	22 41	0 24	2 42	1 9	6 15	2 27	18 6	0 42	22 41	0 45	23 56	17 24	14 26	14 3	3 20			n.a.
M20	22 23	27 26	4 40	17 13	4 33	9 14	0 33	22 47	0 25	2 45	1 9	6 13	2 27	18 5	0 42	22 41	0 45	23 57	17 24	14 23	14 2	3 17			n.a.
T 21	22 15	25 16	4 59	17 25	4 29	8 46	0 39	22 53	0 26	2 48	1 9	6 11	2 27	18 4	0 42	22 41	0 45	23 57	17 25	14 19	14 1	3 14			n.a.
W22	22 6	21 28	4 59	17 40	4 23	8 18	0 45	22 59	0 26	2 51	1 9	6 9	2 27	18 3	0 42	22 41	0 45	23 58	17 25	14 16	14 0	3 10			n.a.
T 23	21 56	16 20	4 41	17 55	4 16	7 50	0 51	23 5	0 27	2 54	1 8	6 7	2 26	18 2	0 42	22 41	0 45	23 58	17 25	14 13	13 59	3 7			n.a.
F 24	21 47	10 16	4 4	18 12	4 6	7 21	0 57	23 11	0 28	2 57	1 8	6 5	2 26	18 1	0 42	22 41	0 45	23 59	17 26	14 10	13 58	3 4			n.a.
S 25	21 37	3 42	3 12	18 30	3 55	6 53	1 3	23 16	0 28	3 0	1 8	6 3	2 26	18 0	0 42	22 41	0 45	23 59	17 26	14 9	13 57	3 0			n.a.
S 26	21 26	2n59	2 8	18 49	3 43	6 25	1 10	23 21	0 29	3 3	1 8	6 1	2 26	17 59	0 42	22 41	0 45	24 0	17 26	14 8	13 56	2 57			n.a.
M27	21 16	9 27	0 57	19 8	3 28	5 56	1 16	23 26	0 30	3 6	1 7	5 59	2 26	17 58	0 42	22 41	0 45	24 1	17 26	14 8	13 55	2 54			n.a.
T 28	21 4	15 23	0n16	19 28	3 13	5 28	1 23	23 31	0 31	3 10	1 7	5 56	2 26	17 57	0 42	22 41	0 45	24 1	17 27	14 8	13 54	2 50			n.a.
W29	20 53	20 27	1 27	19 48	2 57	5 0	1 29	23 36	0 31	3 13	1 7	5 54	2 25	17 56	0 42	22 41	0 45	24 2	17 27	14 8	13 53	2 47			n.a.
T 30	20 41	24 23	2 33	20 7	2 40	4 31	1 36	23 40	0 32	3 16	1 7	5 52	2 25	17 55	0 42	22 40	0 45	24 2	17 27	14 7	13 52	2 44			n.a.
F 31	20n29	26n55	3n28	20n26	2s22	4n 3	1s43	23n45	0n33	3s19	1n 6	5n50	2n25	17n54	0n42	22s40	0n45	24s 3	17s27	14n 5	13n51	2n40			n.a.

Julian Day Number = 1487844.5, Delta T = 05h17m13s
Ecliptic obliquity = 23°46'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'20, Lahiri = -12°47'20 Julian Calendar 1 July 640 BCE == Greg. Calendar 24 June 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

AUGUST 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 10 20	0♌45'55	3♋59	16°D 5	16♍53	18♊24	10♎57	21♍ 6	12♌49	20°R22	9°R46	6°R59	6♉21	0♎23	n.a.	S 1
S 2	20 14 17	1°44'10	16°56	16♋ 9	17°49	19° 2	11° 5	21°11	12°53	20♐21	9♓45	6♉48	6°18	0°30	n.a.	S 2
M 3	20 18 14	2°42'27	29°40	16°22	18°44	19°39	11°14	21°16	12°56	20°20	9°44	6°36	6°15	0°36	n.a.	M 3
T 4	20 22 10	3°40'46	12♌12	16°44	19°38	20°17	11°22	21°22	13° 0	20°19	9°43	6°22	6°12	0°43	n.a.	T 4
W 5	20 26 7	4°39'07	24°32	17°15	20°33	20°54	11°31	21°28	13° 4	20°18	9°42	6° 9	6° 9	0°50	n.a.	W 5
T 6	20 30 3	5°37'30	6♍41	17°54	21°26	21°32	11°39	21°33	13° 8	20°17	9°41	5°57	6° 5	0°56	n.a.	T 6
F 7	20 34 0	6°35'54	18°39	18°41	22°19	22° 9	11°48	21°39	13°11	20°16	9°40	5°48	6° 2	1° 3	n.a.	F 7
S 8	20 37 56	7°34'21	0♎30	19°36	23°12	22°47	11°57	21°45	13°15	20°15	9°39	5°41	5°59	1°10	n.a.	S 8
S 9	20 41 53	8°32'49	12°18	20°38	24° 4	23°24	12° 6	21°50	13°19	20°14	9°38	5°38	5°56	1°16	n.a.	S 9
M10	20 45 49	9°31'19	24° 7	21°47	24°55	24° 1	12°15	21°56	13°23	20°13	9°37	5°36	5°53	1°23	n.a.	M10
T 11	20 49 46	10°29'50	6♏ 1	23° 3	25°45	24°38	12°24	22° 2	13°26	20°12	9°36	5°36	5°50	1°30	n.a.	T 11
W12	20 53 43	11°28'24	18° 7	24°24	26°35	25°15	12°34	22° 8	13°30	20°11	9°35	5°36	5°46	1°36	n.a.	W12
T 13	20 57 39	12°26'59	0♐30	25°50	27°24	25°52	12°43	22°14	13°34	20°11	9°34	5°35	5°43	1°43	n.a.	T 13
F 14	21 1 36	13°25'36	13°15	27°21	28°13	26°29	12°53	22°20	13°38	20°10	9°33	5°32	5°40	1°50	n.a.	F 14
S 15	21 5 32	14°24'15	26°26	28°56	29° 0	27° 6	13° 2	22°26	13°42	20° 9	9°32	5°27	5°37	1°56	n.a.	S 15
S 16	21 9 29	15°22'56	10♑ 4	0♌35	29°47	27°43	13°12	22°32	13°45	20° 8	9°31	5°19	5°34	2° 3	n.a.	S 16
M17	21 13 25	16°21'39	24°10	2°16	0♎33	28°20	13°22	22°38	13°49	20° 8	9°30	5° 9	5°31	2°10	n.a.	M17
T 18	21 17 22	17°20'24	8♒41	4° 0	1°18	28°56	13°32	22°45	13°53	20° 7	9°29	4°58	5°27	2°16	n.a.	T 18
W19	21 21 18	18°19'11	23°28	5°45	2° 2	29°33	13°42	22°51	13°57	20° 6	9°28	4°47	5°24	2°23	n.a.	W19
T 20	21 25 15	19°18'00	8♓25	7°32	2°45	0♋10	13°52	22°57	14° 0	20° 6	9°27	4°37	5°21	2°30	n.a.	T 20
F 21	21 29 12	20°16'51	23°22	9°21	3°28	0°46	14° 2	23° 3	14° 4	20° 5	9°26	4°29	5°18	2°36	n.a.	F 21
S 22	21 33 8	21°15'44	8♈10	11°10	4° 9	1°23	14°13	23°10	14° 8	20° 4	9°25	4°24	5°15	2°43	n.a.	S 22
S 23	21 37 5	22°14'39	22°44	12°59	4°49	1°59	14°23	23°16	14°12	20° 4	9°24	4°22	5°11	2°50	n.a.	S 23
M24	21 41 1	23°13'38	6♉59	14°49	5°28	2°36	14°34	23°23	14°16	20° 3	9°23	4°D22	5° 8	2°56	n.a.	M24
T 25	21 44 58	24°12'38	20°55	16°39	6° 6	3°12	14°44	23°29	14°19	20° 3	9°21	4°R22	5° 5	3° 3	n.a.	T 25
W26	21 48 54	25°11'41	4♊31	18°29	6°43	3°48	14°55	23°36	14°23	20° 2	9°20	4°22	5° 2	3°10	n.a.	W26
T 27	21 52 51	26°10'47	17°50	20°19	7°18	4°24	15° 6	23°42	14°27	20° 2	9°19	4°20	4°59	3°16	n.a.	T 27
F 28	21 56 47	27° 9'55	0♋54	22° 8	7°52	5° 0	15°17	23°49	14°31	20° 1	9°18	4°15	4°56	3°23	n.a.	F 28
S 29	22 0 44	28° 9'06	13°44	23°56	8°25	5°37	15°28	23°55	14°34	20° 1	9°17	4° 8	4°52	3°30	n.a.	S 29
S 30	22 4 40	29° 8'19	26°22	25°44	8°57	6°13	15°39	24° 2	14°38	20° 1	9°16	3°59	4°49	3°36	n.a.	S 30
M31	22 8 37	0♍ 7'34	8♌49	27♌32	9♎27	6♋48	15♎50	24♍ 9	14♌42	20♐ 0	9♓15	3♉47	4♉46	3♎43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n16	27n55	4n12	20n45	2s 4	3n34	1s50	23n49	0n33	3s23	1n 6	5n47	2n25	17n53	0n42	22s40	0n45	24s 3	17s28	14n 2	13n50	2n37		n.a.
S 2	20 3	27 21	4 42	21 2	1 46	3 6	1 56	23 53	0 34	3 26	1 6	5 45	2 25	17 52	0 42	22 40	0 45	24 4	17 28	13 59	13 49	2 34		n.a.
M 3	19 50	25 21	4 58	21 19	1 27	2 38	2 4	23 57	0 35	3 30	1 6	5 43	2 25	17 51	0 42	22 40	0 45	24 4	17 28	13 54	13 47	2 30		n.a.
T 4	19 36	22 8	4 58	21 34	1 10	2 10	2 11	24 0	0 36	3 33	1 5	5 40	2 24	17 49	0 42	22 40	0 45	24 5	17 28	13 50	13 46	2 27		n.a.
W 5	19 22	17 59	4 45	21 47	0 52	1 41	2 18	24 4	0 36	3 37	1 5	5 38	2 24	17 48	0 42	22 40	0 45	24 6	17 29	13 45	13 45	2 24		n.a.
T 6	19 8	13 10	4 18	21 59	0 35	1 13	2 25	24 7	0 37	3 41	1 5	5 36	2 24	17 47	0 42	22 40	0 45	24 6	17 29	13 41	13 44	2 20		n.a.
F 7	18 53	7 56	3 41	22 8	0 19	0 45	2 32	24 10	0 38	3 44	1 5	5 33	2 24	17 46	0 42	22 40	0 45	24 7	17 29	13 38	13 43	2 17		n.a.
S 8	18 38	2 27	2 54	22 16	0 3	0 18	2 40	24 13	0 39	3 48	1 4	5 31	2 24	17 45	0 42	22 40	0 45	24 7	17 29	13 36	13 42	2 14		n.a.
S 9	18 23	3s 5	2 0	22 21	0n11	0s10	2 47	24 16	0 39	3 52	1 4	5 28	2 24	17 44	0 42	22 40	0 45	24 8	17 29	13 35	13 41	2 10		n.a.
M10	18 7	8 33	1 0	22 24	0 25	0 37	2 55	24 18	0 40	3 56	1 4	5 26	2 23	17 43	0 42	22 40	0 45	24 8	17 30	13 34	13 40	2 7		n.a.
T 11	17 51	13 45	0s 2	22 24	0 38	1 5	3 3	24 21	0 41	3 59	1 4	5 24	2 23	17 42	0 42	22 40	0 45	24 9	17 30	13 34	13 39	2 4		n.a.
W12	17 35	18 31	1 6	22 21	0 49	1 32	3 10	24 23	0 41	4 3	1 4	5 21	2 23	17 41	0 42	22 40	0 45	24 10	17 30	13 34	13 38	2 0		n.a.
T 13	17 18	22 37	2 8	22 15	1 0	1 59	3 18	24 25	0 42	4 7	1 3	5 19	2 23	17 40	0 42	22 40	0 45	24 10	17 30	13 34	13 37	1 57		n.a.
F 14	17 1	25 46	3 5	22 7	1 9	2 25	3 26	24 27	0 43	4 11	1 3	5 16	2 23	17 38	0 42	22 40	0 45	24 11	17 30	13 33	13 36	1 53		n.a.
S 15	16 44	27 38	3 55	21 56	1 18	2 51	3 34	24 28	0 44	4 15	1 3	5 13	2 23	17 37	0 42	22 40	0 44	24 11	17 30	13 31	13 35	1 50		n.a.
S 16	16 27	27 55	4 33	21 42	1 25	3 18	3 42	24 30	0 44	4 19	1 3	5 11	2 23	17 36	0 42	22 40	0 44	24 12	17 31	13 29	13 34	1 47		n.a.
M17	16 9	26 26	4 56	21 25	1 32	3 43	3 49	24 31	0 45	4 23	1 3	5 8	2 23	17 35	0 42	22 40	0 44	24 12	17 31	13 25	13 32	1 43		n.a.
T 18	15 51	23 10	5 0	21 6	1 37	4 9	3 57	24 32	0 46	4 27	1 2	5 6	2 22	17 34	0 42	22 40	0 44	24 13	17 31	13 21	13 31	1 40		n.a.
W19	15 33	18 22	4 45	20 44	1 42	4 34	4 5	24 33	0 47	4 32	1 2	5 3	2 22	17 33	0 42	22 40	0 44	24 13	17 31	13 18	13 30	1 37		n.a.
T 20	15 14	12 24	4 11	20 20	1 45	4 59	4 13	24 34	0 48	4 36	1 2	5 0	2 22	17 32	0 42	22 40	0 44	24 14	17 31	13 14	13 29	1 33		n.a.
F 21	14 56	5 43	3 19	19 54	1 48	5 23	4 22	24 35	0 48	4 40	1 2	4 58	2 22	17 31	0 42	22 40	0 44	24 15	17 31	13 12	13 28	1 30		n.a.
S 22	14 37	1n14	2 14	19 25	1 50	5 47	4 30	24 35	0 49	4 44	1 1	4 55	2 22	17 30	0 42	22 40	0 44	24 15	17 31	13 10	13 27	1 27		n.a.
S 23	14 17	8 1	1 1	18 55	1 51	6 11	4 38	24 35	0 50	4 49	1 1	4 52	2 22	17 29	0 42	22 40	0 44	24 16	17 32	13 9	13 26	1 23		n.a.
M24	13 58	14 15	0n14	18 23	1 51	6 34	4 46	24 35	0 51	4 53	1 1	4 50	2 22	17 27	0 42	22 40	0 44	24 16	17 32	13 9	13 25	1 20		n.a.
T 25	13 38	19 38	1 27	17 50	1 51	6 56	4 54	24 35	0 51	4 57	1 1	4 47	2 22	17 26	0 42	22 40	0 44	24 17	17 32	13 9	13 24	1 16		n.a.
W26	13 18	23 51	2 33	17 14	1 50	7 18	5 2	24 35	0 52	5 2	1 1	4 44	2 22	17 25	0 42	22 40	0 44	24 17	17 32	13 9	13 23	1 13		n.a.
T 27	12 58	26 41	3 29	16 38	1 49	7 40	5 10	24 35	0 53	5 6	1 1	4 42	2 22	17 24	0 42	22 40	0 44	24 18	17 32	13 8	13 22	1 10		n.a.
F 28	12 38	28 0	4 14	16 0	1 47	8 1	5 18	24 34	0 54	5 10	1 0	4 39	2 21	17 23	0 42	22 40	0 44	24 18	17 32	13 7	13 21	1 6		n.a.
S 29	12 17	27 46	4 44	15 22	1 44	8 22	5 26	24 34	0 54	5 15	1 0	4 36	2 21	17 22	0 43	22 40	0 44	24 19	17 32	13 5	13 20	1 3		n.a.
S 30	11 56	26 5	5 0	14 42	1 41	8 42	5 34	24 33	0 55	5 19	1 0	4 33	2 21	17 21	0 43	22 40	0 44	24 19	17 32	13 1	13 18	1 0		n.a.
M31	11n35	23n 9	5n 2	14n 1	1n38	9s 1	5s42	24n32	0n56	5s24	1n 0	4n31	2n21	17n20	0n43	22s40	0n44	24s20	17s32	12n57	13n17	0n56		n.a.

Julian Day Number = 1487875.5, Delta T = 05h17m12s
Ecliptic obliquity = 23°46'27, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'16, Lahiri = -12°47'15 Julian Calendar 1 Aug. 640 BCE == Greg. Calendar 25 July 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

SEPTEMBER 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 12 34	1♍ 6'51	21♌ 6	29♌19	9♎55	7♋24	16♎ 1	24♍15	14♌45	20°R 0	9°R13	3°R35	4♉43	3♎50	n.a.	T 1
W 2	22 16 30	2° 6'11	3♍14	1♍ 5	10°22	8° 0	16°12	24°22	14°49	20♐ 0	9♓12	3♉24	4°40	3°56	n.a.	W 2
T 3	22 20 27	3° 5'32	15°14	2°50	10°48	8°36	16°24	24°29	14°53	20° 0	9°11	3°13	4°36	4° 3	n.a.	T 3
F 4	22 24 23	4° 4'56	27° 7	4°35	11°11	9°11	16°35	24°36	14°56	20° 0	9°10	3° 5	4°33	4°10	n.a.	F 4
S 5	22 28 20	5° 4'22	8♎56	6°19	11°33	9°47	16°47	24°43	15° 0	19°59	9° 9	3° 0	4°30	4°16	n.a.	S 5
S 6	22 32 16	6° 3'50	20°42	8° 2	11°53	10°22	16°58	24°50	15° 4	19°59	9° 8	2°57	4°27	4°23	n.a.	S 6
M 7	22 36 13	7° 3'20	2♏30	9°44	12°12	10°58	17°10	24°56	15° 7	19°59	9° 6	2°D56	4°24	4°30	n.a.	M 7
T 8	22 40 9	8° 2'51	14°23	11°26	12°28	11°33	17°22	25° 3	15°11	19°59	9° 5	2°56	4°21	4°36	n.a.	T 8
W 9	22 44 6	9° 2'25	26°27	13° 6	12°42	12° 9	17°34	25°10	15°14	19°D59	9° 4	2°57	4°17	4°43	n.a.	W 9
T 10	22 48 3	10° 2'01	8♐47	14°46	12°55	12°44	17°46	25°17	15°18	19°59	9° 3	2°R58	4°14	4°50	n.a.	T 10
F 11	22 51 59	11° 1'38	21°28	16°26	13° 5	13°19	17°58	25°24	15°21	19°59	9° 2	2°57	4°11	4°56	n.a.	F 11
S 12	22 55 56	12° 1'18	4♑34	18° 5	13°13	13°54	18°10	25°31	15°25	19°59	9° 1	2°55	4° 8	5° 3	n.a.	S 12
S 13	22 59 52	13° 0'59	18° 8	19°43	13°18	14°29	18°22	25°38	15°28	20° 0	8°59	2°50	4° 5	5°10	n.a.	S 13
M14	23 3 49	14° 0'42	2♒13	21°20	13°22	15° 4	18°34	25°45	15°32	20° 0	8°58	2°44	4° 2	5°16	n.a.	M14
T 15	23 7 45	15° 0'27	16°45	22°57	13°R23	15°39	18°46	25°52	15°35	20° 0	8°57	2°37	3°58	5°23	n.a.	T 15
W16	23 11 42	16° 0'14	1♓40	24°33	13°22	16°13	18°58	25°59	15°39	20° 0	8°56	2°29	3°55	5°30	n.a.	W16
T 17	23 15 38	17° 0'03	16°49	26° 8	13°18	16°48	19°11	26° 6	15°42	20° 0	8°55	2°23	3°52	5°36	n.a.	T 17
F 18	23 19 35	17°59'54	2♈ 3	27°43	13°12	17°22	19°23	26°13	15°45	20° 1	8°54	2°18	3°49	5°43	n.a.	F 18
S 19	23 23 31	18°59'47	17°11	29°17	13° 3	17°57	19°35	26°20	15°49	20° 1	8°52	2°15	3°46	5°50	n.a.	S 19
S 20	23 27 28	19°59'42	2♉ 4	0♎51	12°52	18°31	19°48	26°27	15°52	20° 1	8°51	2°D14	3°42	5°56	n.a.	S 20
M21	23 31 25	20°59'40	16°36	2°24	12°39	19° 6	20° 0	26°35	15°55	20° 2	8°50	2°14	3°39	6° 3	n.a.	M21
T 22	23 35 21	21°59'40	0♊44	3°57	12°23	19°40	20°13	26°42	15°59	20° 2	8°49	2°16	3°36	6°10	n.a.	T 22
W23	23 39 18	22°59'42	14°27	5°29	12° 5	20°14	20°26	26°49	16° 2	20° 3	8°48	2°17	3°33	6°16	n.a.	W23
T 24	23 43 14	23°59'47	27°47	7° 0	11°45	20°48	20°38	26°56	16° 5	20° 3	8°47	2°R17	3°30	6°23	n.a.	T 24
F 25	23 47 11	24°59'54	10♋46	8°31	11°22	21°22	20°51	27° 3	16° 8	20° 4	8°46	2°16	3°27	6°30	n.a.	F 25
S 26	23 51 7	26° 0'03	23°27	10° 2	10°58	21°56	21° 4	27°10	16°11	20° 4	8°45	2°13	3°23	6°36	n.a.	S 26
S 27	23 55 4	27° 0'14	5♌53	11°32	10°31	22°30	21°17	27°17	16°14	20° 5	8°43	2° 8	3°20	6°43	n.a.	S 27
M28	23 59 0	28° 0'28	18° 7	13° 1	10° 3	23° 4	21°29	27°24	16°18	20° 6	8°42	2° 3	3°17	6°49	n.a.	M28
T 29	0 2 57	29° 0'43	0♍12	14°30	9°33	23°37	21°42	27°31	16°21	20° 6	8°41	1°56	3°14	6°56	n.a.	T 29
W30	0 6 54	0♎ 1'01	12♍10	15♎59	9♎ 1	24♋11	21♎55	27♍39	16♌24	20♐ 7	8♓40	1♉50	3♉11	7♎ 3	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n14	19n13	4n49	13n20	1n34	9s19	5s50	24n31	0n57	5s28	1n 0	4n28	2n21	17n19	0n43	22s40	0n44	24s20	17s32	12n53	13n16	0n53		n.a.
W 2	10 52	14 32	4 23	12 38	1 30	9 37	5 57	24 29	0 58	5 33	0 59	4 25	2 21	17 18	0 43	22 40	0 44	24 21	17 32	12 49	13 15	0 50		n.a.
T 3	10 31	9 22	3 46	11 56	1 25	9 55	6 5	24 28	0 58	5 37	0 59	4 22	2 21	17 17	0 43	22 40	0 44	24 21	17 32	12 46	13 14	0 46		n.a.
F 4	10 9	3 54	2 59	11 13	1 21	10 11	6 13	24 26	0 59	5 42	0 59	4 20	2 21	17 16	0 43	22 40	0 44	24 22	17 32	12 43	13 13	0 43		n.a.
S 5	9 47	1s41	2 5	10 29	1 16	10 26	6 20	24 24	1 0	5 47	0 59	4 17	2 21	17 14	0 43	22 40	0 44	24 22	17 32	12 41	13 12	0 39		n.a.
S 6	9 25	7 11	1 5	9 46	1 10	10 41	6 27	24 22	1 1	5 51	0 59	4 14	2 21	17 13	0 43	22 40	0 44	24 23	17 33	12 40	13 11	0 36		n.a.
M 7	9 3	12 28	0 2	9 2	1 5	10 55	6 34	24 20	1 2	5 56	0 59	4 11	2 21	17 12	0 43	22 40	0 44	24 23	17 33	12 40	13 10	0 33		n.a.
T 8	8 40	17 21	1s 1	8 17	0 59	11 8	6 41	24 18	1 3	6 1	0 58	4 8	2 21	17 11	0 43	22 40	0 44	24 24	17 33	12 40	13 9	0 29		n.a.
W 9	8 17	21 38	2 3	7 33	0 53	11 20	6 48	24 16	1 3	6 5	0 58	4 5	2 21	17 10	0 43	22 40	0 44	24 24	17 33	12 40	13 8	0 26		n.a.
T 10	7 55	25 3	3 1	6 48	0 47	11 31	6 55	24 13	1 4	6 10	0 58	4 3	2 21	17 9	0 43	22 40	0 44	24 25	17 33	12 40	13 7	0 22		n.a.
F 11	7 32	27 20	3 51	6 3	0 41	11 40	7 1	24 11	1 5	6 15	0 58	4 0	2 20	17 8	0 43	22 40	0 44	24 25	17 33	12 40	13 5	0 19		n.a.
S 12	7 9	28 13	4 31	5 19	0 35	11 49	7 7	24 8	1 6	6 20	0 58	3 57	2 20	17 7	0 43	22 40	0 43	24 26	17 33	12 39	13 4	0 16		n.a.
S 13	6 46	27 27	4 58	4 34	0 29	11 56	7 12	24 5	1 7	6 25	0 58	3 54	2 20	17 6	0 43	22 40	0 43	24 26	17 32	12 38	13 3	0 12		n.a.
M14	6 23	24 56	5 8	3 49	0 22	12 3	7 18	24 2	1 8	6 29	0 57	3 51	2 20	17 5	0 43	22 40	0 43	24 26	17 32	12 35	13 2	0 9		n.a.
T 15	5 59	20 46	4 59	3 4	0 15	12 7	7 23	23 58	1 8	6 34	0 57	3 48	2 20	17 4	0 43	22 40	0 43	24 27	17 32	12 33	13 1	0 6		n.a.
W16	5 36	15 13	4 29	2 20	0 9	12 11	7 27	23 55	1 9	6 39	0 57	3 45	2 20	17 3	0 43	22 40	0 43	24 27	17 32	12 30	13 0	0 2		n.a.
T 17	5 12	8 39	3 41	1 35	0 2	12 13	7 31	23 52	1 10	6 44	0 57	3 43	2 20	17 2	0 43	22 40	0 43	24 28	17 32	12 28	12 59	0s 1		n.a.
F 18	4 49	1 33	2 36	0 51	0s 5	12 14	7 35	23 48	1 11	6 49	0 57	3 40	2 20	17 1	0 43	22 40	0 43	24 28	17 32	12 26	12 58	0 5		n.a.
S 19	4 25	5n36	1 21	0 7	0 11	12 14	7 38	23 44	1 12	6 54	0 57	3 37	2 20	17 0	0 43	22 40	0 43	24 28	17 32	12 25	12 57	0 8		n.a.
S 20	4 1	12 21	0 1	0s37	0 18	12 11	7 40	23 40	1 13	6 59	0 57	3 34	2 20	16 59	0 43	22 41	0 43	24 29	17 32	12 25	12 56	0 11		n.a.
M21	3 37	18 16	1n17	1 21	0 25	12 8	7 42	23 36	1 14	7 3	0 56	3 31	2 20	16 58	0 43	22 41	0 43	24 29	17 32	12 25	12 55	0 15		n.a.
T 22	3 13	23 1	2 29	2 4	0 32	12 3	7 43	23 32	1 14	7 8	0 56	3 28	2 20	16 57	0 43	22 41	0 43	24 30	17 32	12 26	12 53	0 18		n.a.
W23	2 49	26 19	3 29	2 47	0 38	11 56	7 44	23 28	1 15	7 13	0 56	3 25	2 20	16 56	0 43	22 41	0 43	24 30	17 32	12 26	12 52	0 21		n.a.
T 24	2 25	28 2	4 17	3 30	0 45	11 48	7 44	23 24	1 16	7 18	0 56	3 22	2 20	16 55	0 43	22 41	0 43	24 30	17 32	12 26	12 51	0 25		n.a.
F 25	2 1	28 9	4 50	4 13	0 52	11 38	7 43	23 19	1 17	7 23	0 56	3 20	2 20	16 54	0 43	22 41	0 43	24 31	17 32	12 26	12 50	0 28		n.a.
S 26	1 37	26 45	5 8	4 55	0 58	11 27	7 41	23 14	1 18	7 28	0 56	3 17	2 20	16 53	0 43	22 41	0 43	24 31	17 32	12 25	12 49	0 32		n.a.
S 27	1 12	24 4	5 11	5 37	1 5	11 14	7 39	23 10	1 19	7 33	0 56	3 14	2 20	16 52	0 43	22 41	0 43	24 31	17 31	12 23	12 48	0 35		n.a.
M28	0 48	20 21	4 59	6 18	1 11	10 59	7 36	23 5	1 20	7 38	0 56	3 11	2 20	16 52	0 43	22 41	0 43	24 32	17 31	12 21	12 47	0 38		n.a.
T 29	0 24	15 49	4 35	6 59	1 17	10 43	7 31	23 0	1 21	7 43	0 55	3 8	2 20	16 51	0 43	22 41	0 43	24 32	17 31	12 19	12 46	0 42		n.a.
W30	0s 0	10n45	3n58	7s39	1s24	10s26	7s26	22n55	1n22	7s48	0n55	3n 5	2n20	16n50	0n43	22s41	0n43	24s32	17s31	12n17	12n45	0s45		n.a.

Julian Day Number = 1487906.5, Delta T = 05h17m10s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'12, Lahiri = -12°47'11 Julian Calendar 1 Sept. 640 BCE == Greg. Calendar 25 Aug. 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

OCTOBER 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 10 50	1♎ 1'20	24♍ 3	17♎27	8°R28	24♋44	22♎ 8	27♍46	16♌27	20♐ 8	8°R39	1°R45	3♉ 8	7♎ 9	n.a.	T 1
F 2	0 14 47	2° 1'42	5♎52	18°54	7♎54	25°17	22°21	27°53	16°29	20° 8	8♓38	1♉41	3° 4	7°16	n.a.	F 2
S 3	0 18 43	3° 2'05	17°39	20°21	7°19	25°50	22°34	28° 0	16°32	20° 9	8°37	1°38	3° 1	7°23	n.a.	S 3
S 4	0 22 40	4° 2'30	29°27	21°47	6°43	26°24	22°47	28° 7	16°35	20°10	8°36	1°D37	2°58	7°29	n.a.	S 4
M 5	0 26 36	5° 2'56	11♏19	23°12	6° 7	26°57	23° 1	28°14	16°38	20°11	8°35	1°38	2°55	7°36	n.a.	M 5
T 6	0 30 33	6° 3'25	23°16	24°37	5°31	27°29	23°14	28°21	16°41	20°12	8°34	1°39	2°52	7°43	n.a.	T 6
W 7	0 34 29	7° 3'55	5♐23	26° 1	4°55	28° 2	23°27	28°28	16°44	20°13	8°33	1°41	2°48	7°49	n.a.	W 7
T 8	0 38 26	8° 4'26	17°44	27°24	4°19	28°35	23°40	28°35	16°46	20°14	8°32	1°43	2°45	7°56	n.a.	T 8
F 9	0 42 23	9° 4'59	0♑22	28°46	3°43	29° 7	23°53	28°42	16°49	20°15	8°31	1°44	2°42	8° 3	n.a.	F 9
S 10	0 46 19	10° 5'34	13°22	0♏ 8	3° 8	29°40	24° 7	28°49	16°52	20°16	8°30	1°R44	2°39	8° 9	n.a.	S 10
S 11	0 50 16	11° 6'09	26°47	1°28	2°35	0♌12	24°20	28°56	16°54	20°17	8°29	1°43	2°36	8°16	n.a.	S 11
M12	0 54 12	12° 6'46	10♒40	2°47	2° 2	0°44	24°33	29° 3	16°57	20°18	8°28	1°41	2°33	8°23	n.a.	M12
T 13	0 58 9	13° 7'25	25° 0	4° 4	1°31	1°16	24°47	29°10	16°59	20°19	8°27	1°39	2°29	8°29	n.a.	T 13
W14	1 2 5	14° 8'04	9♓44	5°20	1° 2	1°48	25° 0	29°17	17° 2	20°20	8°26	1°37	2°26	8°36	n.a.	W14
T 15	1 6 2	15° 8'45	24°47	6°34	0°34	2°20	25°13	29°24	17° 4	20°21	8°25	1°35	2°23	8°43	n.a.	T 15
F 16	1 9 58	16° 9'28	10♈ 1	7°46	0° 8	2°52	25°27	29°31	17° 7	20°23	8°24	1°33	2°20	8°49	n.a.	F 16
S 17	1 13 55	17°10'11	25°15	8°56	29♍45	3°23	25°40	29°38	17° 9	20°24	8°23	1°D32	2°17	8°56	n.a.	S 17
S 18	1 17 51	18°10'57	10♉20	10° 4	29°23	3°55	25°54	29°45	17°11	20°25	8°22	1°32	2°13	9° 3	n.a.	S 18
M19	1 21 48	19°11'44	25° 7	11° 8	29° 4	4°26	26° 7	29°52	17°14	20°26	8°22	1°33	2°10	9° 9	n.a.	M19
T 20	1 25 45	20°12'33	9♊30	12° 9	28°47	4°57	26°21	29°59	17°16	20°28	8°21	1°34	2° 7	9°16	n.a.	T 20
W21	1 29 41	21°13'23	23°27	13° 7	28°33	5°28	26°34	0♎ 6	17°18	20°29	8°20	1°35	2° 4	9°23	n.a.	W21
T 22	1 33 38	22°14'15	6♋56	14° 0	28°21	5°59	26°48	0°12	17°20	20°30	8°19	1°36	2° 1	9°29	n.a.	T 22
F 23	1 37 34	23°15'09	19°59	14°49	28°12	6°30	27° 1	0°19	17°22	20°32	8°18	1°R36	1°58	9°36	n.a.	F 23
S 24	1 41 31	24°16'04	2♌41	15°32	28° 5	7° 0	27°15	0°26	17°24	20°33	8°18	1°36	1°54	9°43	n.a.	S 24
S 25	1 45 27	25°17'00	15° 4	16° 9	28° 1	7°31	27°28	0°33	17°26	20°35	8°17	1°35	1°51	9°49	n.a.	S 25
M26	1 49 24	26°17'58	27°12	16°39	27°D59	8° 1	27°42	0°39	17°28	20°36	8°16	1°35	1°48	9°56	n.a.	M26
T 27	1 53 21	27°18'58	9♍10	17° 1	28° 0	8°31	27°55	0°46	17°30	20°38	8°15	1°34	1°45	10° 3	n.a.	T 27
W28	1 57 17	28°19'59	21° 1	17°15	28° 3	9° 1	28° 9	0°52	17°32	20°39	8°15	1°34	1°42	10° 9	n.a.	W28
T 29	2 1 14	29°21'01	2♎49	17°R19	28° 8	9°31	28°22	0°59	17°34	20°41	8°14	1°33	1°39	10°16	n.a.	T 29
F 30	2 5 10	0♏22'04	14°37	17°14	28°16	10° 0	28°36	1° 6	17°35	20°42	8°13	1°33	1°35	10°23	n.a.	F 30
S 31	2 9 7	1♏23'08	26♎27	16♏57	28♍26	10♌30	28♎49	1♎12	17♌37	20♐44	8♓13	1♉33	1♉32	10♎29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0s25	5n19	3n11	8s19	1s30	10s 8	7s21	22n50	1n22	7s53	0n55	3n 2	2n20	16n49	0n43	22s41	0n43	24s33	17s31	12n15	12n44	0s49			n.a.
F 2	0 49	0s16	2 17	8 59	1 36	9 48	7 14	22 45	1 23	7 58	0 55	3 0	2 20	16 48	0 43	22 42	0 43	24 33	17 31	12 13	12 43	0 52			n.a.
S 3	1 13	5 51	1 16	9 37	1 42	9 27	7 6	22 39	1 24	8 3	0 55	2 57	2 20	16 47	0 43	22 42	0 43	24 33	17 31	12 13	12 41	0 55			n.a.
S 4	1 38	11 15	0 12	10 15	1 47	9 5	6 58	22 34	1 25	8 8	0 55	2 54	2 20	16 46	0 43	22 42	0 43	24 33	17 30	12 12	12 40	0 59			n.a.
M 5	2 2	16 16	0s53	10 53	1 53	8 42	6 49	22 28	1 26	8 13	0 55	2 51	2 20	16 45	0 43	22 42	0 43	24 34	17 30	12 12	12 39	1 2			n.a.
T 6	2 26	20 44	1 56	11 29	1 58	8 18	6 39	22 23	1 27	8 18	0 55	2 48	2 20	16 45	0 43	22 42	0 43	24 34	17 30	12 13	12 38	1 6			n.a.
W 7	2 51	24 23	2 55	12 5	2 3	7 54	6 28	22 17	1 28	8 23	0 55	2 45	2 20	16 44	0 43	22 42	0 43	24 34	17 30	12 13	12 37	1 9			n.a.
T 8	3 15	26 58	3 48	12 40	2 8	7 29	6 17	22 11	1 29	8 28	0 54	2 43	2 20	16 43	0 43	22 42	0 43	24 34	17 30	12 14	12 36	1 12			n.a.
F 9	3 39	28 16	4 30	13 15	2 12	7 3	6 4	22 5	1 30	8 33	0 54	2 40	2 20	16 42	0 43	22 42	0 43	24 35	17 30	12 14	12 35	1 16			n.a.
S 10	4 3	28 4	5 0	13 48	2 16	6 38	5 52	21 59	1 31	8 38	0 54	2 37	2 21	16 41	0 44	22 42	0 42	24 35	17 29	12 14	12 34	1 19			n.a.
S 11	4 27	26 14	5 15	14 20	2 20	6 12	5 38	21 53	1 32	8 43	0 54	2 34	2 21	16 41	0 44	22 42	0 42	24 35	17 29	12 14	12 33	1 23			n.a.
M12	4 51	22 48	5 12	14 51	2 24	5 46	5 25	21 47	1 33	8 49	0 54	2 31	2 21	16 40	0 44	22 43	0 42	24 35	17 29	12 14	12 31	1 26			n.a.
T 13	5 15	17 55	4 50	15 21	2 27	5 21	5 11	21 41	1 34	8 54	0 54	2 29	2 21	16 39	0 44	22 43	0 42	24 35	17 29	12 13	12 30	1 29			n.a.
W14	5 39	11 51	4 9	15 50	2 30	4 56	4 56	21 35	1 35	8 59	0 54	2 26	2 21	16 38	0 44	22 43	0 42	24 36	17 28	12 12	12 29	1 33			n.a.
T 15	6 3	5 0	3 10	16 17	2 32	4 31	4 41	21 28	1 36	9 4	0 54	2 23	2 21	16 38	0 44	22 43	0 42	24 36	17 28	12 11	12 28	1 36			n.a.
F 16	6 26	2n14	1 56	16 43	2 34	4 7	4 26	21 22	1 37	9 9	0 54	2 21	2 21	16 37	0 44	22 43	0 42	24 36	17 28	12 11	12 27	1 40			n.a.
S 17	6 50	9 22	0 35	17 7	2 35	3 43	4 11	21 15	1 38	9 14	0 54	2 18	2 21	16 36	0 44	22 43	0 42	24 36	17 28	12 10	12 26	1 43			n.a.
S 18	7 14	15 54	0n49	17 30	2 36	3 21	3 56	21 9	1 39	9 19	0 53	2 15	2 21	16 36	0 44	22 43	0 42	24 36	17 28	12 10	12 25	1 46			n.a.
M19	7 37	21 22	2 7	17 50	2 36	2 59	3 40	21 2	1 40	9 24	0 53	2 12	2 21	16 35	0 44	22 43	0 42	24 36	17 27	12 11	12 24	1 50			n.a.
T 20	8 0	25 24	3 15	18 9	2 35	2 38	3 25	20 56	1 41	9 29	0 53	2 10	2 21	16 34	0 44	22 44	0 42	24 36	17 27	12 11	12 23	1 53			n.a.
W21	8 23	27 46	4 10	18 26	2 33	2 19	3 10	20 49	1 42	9 34	0 53	2 7	2 21	16 34	0 44	22 44	0 42	24 36	17 27	12 11	12 21	1 56			n.a.
T 22	8 47	28 24	4 49	18 40	2 31	2 0	2 55	20 42	1 43	9 39	0 53	2 4	2 21	16 33	0 44	22 44	0 42	24 36	17 27	12 12	12 20	2 0			n.a.
F 23	9 9	27 23	5 11	18 51	2 28	1 43	2 40	20 35	1 44	9 44	0 53	2 2	2 21	16 33	0 44	22 44	0 42	24 36	17 26	12 12	12 19	2 3			n.a.
S 24	9 32	24 59	5 17	19 0	2 23	1 26	2 25	20 29	1 45	9 49	0 53	1 59	2 22	16 32	0 44	22 44	0 42	24 37	17 26	12 12	12 18	2 7			n.a.
S 25	9 55	21 27	5 9	19 5	2 18	1 11	2 10	20 22	1 46	9 54	0 53	1 56	2 22	16 31	0 44	22 44	0 42	24 37	17 26	12 12	12 17	2 10			n.a.
M26	10 17	17 5	4 46	19 8	2 11	0 57	1 56	20 15	1 48	9 59	0 53	1 54	2 22	16 31	0 44	22 44	0 42	24 37	17 25	12 11	12 16	2 13			n.a.
T 27	10 40	12 7	4 12	19 6	2 3	0 45	1 42	20 8	1 49	10 4	0 53	1 51	2 22	16 30	0 44	22 44	0 42	24 37	17 25	12 11	12 15	2 17			n.a.
W28	11 2	6 46	3 27	19 1	1 53	0 33	1 28	20 1	1 50	10 9	0 53	1 49	2 22	16 30	0 44	22 45	0 42	24 37	17 25	12 11	12 14	2 20			n.a.
T 29	11 24	1 12	2 33	18 52	1 42	0 23	1 15	19 54	1 51	10 14	0 53	1 46	2 22	16 29	0 44	22 45	0 42	24 37	17 25	12 11	12 13	2 24			n.a.
F 30	11 46	4s25	1 33	18 38	1 29	0 14	1 2	19 47	1 52	10 19	0 53	1 44	2 22	16 29	0 44	22 45	0 42	24 37	17 24	12 11	12 11	2 27			n.a.
S 31	12s 7	9s54	0n28	18s20	1s15	0s 7	0s49	19n40	1n53	10s23	0n52	1n41	2n22	16n28	0n44	22s45	0n42	24s37	17s24	12n11	12n10	2s30			n.a.

Julian Day Number = 1487936.5, Delta T = 05h17m09s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'08, Lahiri = -12°47'07 Julian Calendar 1 Oct. 640 BCE == Greg. Calendar 24 Sept. 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

NOVEMBER 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 13 3	2♏24'14	8♏21	16°R30	28♍38	10♌59	29♎ 3	1♎19	17♌39	20♐46	8°R12	1°R33	1♉29	10♎36	n.a.	S 1
M 2	2 17 0	3°25'20	20°21	15♏51	28°53	11°28	29°16	1°25	17°40	20°47	8♓12	1♉33	1°26	10°43	n.a.	M 2
T 3	2 20 56	4°26'27	2♐29	15° 1	29° 9	11°57	29°30	1°31	17°42	20°49	8°11	1°33	1°23	10°49	n.a.	T 3
W 4	2 24 53	5°27'35	14°47	14° 1	29°28	12°26	29°43	1°38	17°43	20°51	8°10	1°32	1°19	10°56	n.a.	W 4
T 5	2 28 50	6°28'44	27°17	12°53	29°48	12°55	29°57	1°44	17°45	20°52	8°10	1°32	1°16	11° 2	n.a.	T 5
F 6	2 32 46	7°29'54	10♑ 1	11°37	0♎11	13°23	0♏10	1°50	17°46	20°54	8° 9	1°31	1°13	11° 9	n.a.	F 6
S 7	2 36 43	8°31'04	23° 3	10°16	0°35	13°51	0°24	1°56	17°47	20°56	8° 9	1°31	1°10	11°16	n.a.	S 7
S 8	2 40 39	9°32'14	6♒23	8°53	1° 1	14°19	0°37	2° 3	17°49	20°58	8° 8	1°D30	1° 7	11°22	n.a.	S 8
M 9	2 44 36	10°33'25	20° 5	7°31	1°29	14°47	0°51	2° 9	17°50	21° 0	8° 8	1°30	1° 4	11°29	n.a.	M 9
T 10	2 48 32	11°34'36	4♓ 8	6°12	1°58	15°14	1° 4	2°15	17°51	21° 1	8° 7	1°31	1° 0	11°36	n.a.	T 10
W11	2 52 29	12°35'48	18°32	5° 0	2°29	15°42	1°18	2°21	17°52	21° 3	8° 7	1°32	0°57	11°42	n.a.	W11
T 12	2 56 25	13°37'00	3♈14	3°55	3° 1	16° 9	1°31	2°27	17°53	21° 5	8° 7	1°33	0°54	11°49	n.a.	T 12
F 13	3 0 22	14°38'12	18° 9	3° 0	3°35	16°36	1°44	2°33	17°54	21° 7	8° 6	1°34	0°51	11°56	n.a.	F 13
S 14	3 4 19	15°39'24	3♉10	2°15	4°11	17° 2	1°58	2°38	17°55	21° 9	8° 6	1°R34	0°48	12° 2	n.a.	S 14
S 15	3 8 15	16°40'37	18° 8	1°41	4°48	17°29	2°11	2°44	17°56	21°11	8° 6	1°33	0°45	12° 9	n.a.	S 15
M16	3 12 12	17°41'51	2♊56	1°18	5°26	17°55	2°25	2°50	17°57	21°13	8° 5	1°32	0°41	12°16	n.a.	M16
T 17	3 16 8	18°43'05	17°26	1° 6	6° 5	18°21	2°38	2°56	17°57	21°15	8° 5	1°30	0°38	12°22	n.a.	T 17
W18	3 20 5	19°44'20	1♋31	1°D 4	6°46	18°47	2°51	3° 1	17°58	21°17	8° 5	1°27	0°35	12°29	n.a.	W18
T 19	3 24 1	20°45'35	15°11	1°12	7°28	19°12	3° 4	3° 7	17°59	21°19	8° 4	1°25	0°32	12°36	n.a.	T 19
F 20	3 27 58	21°46'50	28°23	1°28	8°11	19°38	3°18	3°12	17°59	21°21	8° 4	1°22	0°29	12°42	n.a.	F 20
S 21	3 31 55	22°48'07	11♌10	1°53	8°55	20° 3	3°31	3°18	18° 0	21°23	8° 4	1°21	0°25	12°49	n.a.	S 21
S 22	3 35 51	23°49'23	23°36	2°24	9°40	20°27	3°44	3°23	18° 0	21°25	8° 4	1°D20	0°22	12°56	n.a.	S 22
M23	3 39 48	24°50'40	5♍45	3° 2	10°26	20°52	3°57	3°28	18° 1	21°27	8° 4	1°21	0°19	13° 2	n.a.	M23
T 24	3 43 44	25°51'57	17°41	3°46	11°14	21°16	4°10	3°34	18° 1	21°29	8° 4	1°22	0°16	13° 9	n.a.	T 24
W25	3 47 41	26°53'15	29°31	4°35	12° 2	21°40	4°23	3°39	18° 1	21°31	8° 3	1°24	0°13	13°16	n.a.	W25
T 26	3 51 37	27°54'33	11♎17	5°28	12°51	22° 4	4°36	3°44	18° 2	21°33	8° 3	1°26	0°10	13°22	n.a.	T 26
F 27	3 55 34	28°55'51	23° 6	6°25	13°40	22°27	4°49	3°49	18° 2	21°36	8° 3	1°27	0° 6	13°29	n.a.	F 27
S 28	3 59 30	29°57'09	4♏59	7°26	14°31	22°50	5° 2	3°54	18° 2	21°38	8° 3	1°R27	0° 3	13°36	n.a.	S 28
S 29	4 3 27	0♐58'27	17° 1	8°31	15°22	23°13	5°15	3°59	18° 2	21°40	8°D 3	1°26	0° 0	13°42	n.a.	S 29
M30	4 7 24	1♐59'46	29♏13	9♏38	16♎14	23♌35	5♏28	4♎ 4	18°R 2	21♐42	8♓ 3	1♉23	29♈57	13♎49	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s29	15s 5	0s38	17s57	0s59	0s 0	0s36	19n33	1n54	10s28	0n52	1n39	2n22	16n28	0n44	22s45	0n42	24s37	17s24	12n11	12n 9	2s34		n.a.
M 2	12 50	19 44	1 43	17 29	0 42	0n 5	0 24	19 26	1 55	10 33	0 52	1 36	2 23	16 27	0 44	22 45	0 42	24 37	17 23	12 11	12 8	2 37		n.a.
T 3	13 11	23 37	2 44	16 57	0 24	0 9	0 13	19 19	1 57	10 38	0 52	1 34	2 23	16 27	0 44	22 45	0 42	24 36	17 23	12 11	12 7	2 41		n.a.
W 4	13 32	26 30	3 38	16 20	0 4	0 12	0 1	19 11	1 58	10 43	0 52	1 31	2 23	16 26	0 45	22 46	0 42	24 36	17 23	12 10	12 6	2 44		n.a.
T 5	13 52	28 7	4 23	15 40	0n16	0 14	0n10	19 4	1 59	10 48	0 52	1 29	2 23	16 26	0 45	22 46	0 42	24 36	17 22	12 10	12 5	2 47		n.a.
F 6	14 12	28 18	4 56	14 57	0 37	0 14	0 20	18 57	2 0	10 53	0 52	1 26	2 23	16 26	0 45	22 46	0 42	24 36	17 22	12 10	12 4	2 51		n.a.
S 7	14 32	26 56	5 14	14 12	0 57	0 14	0 31	18 50	2 1	10 58	0 52	1 24	2 23	16 25	0 45	22 46	0 42	24 36	17 22	12 10	12 3	2 54		n.a.
S 8	14 52	24 2	5 16	13 27	1 17	0 13	0 41	18 43	2 3	11 2	0 52	1 22	2 23	16 25	0 45	22 46	0 42	24 36	17 21	12 10	12 1	2 58		n.a.
M 9	15 12	19 44	5 1	12 43	1 35	0 10	0 50	18 36	2 4	11 7	0 52	1 19	2 23	16 25	0 45	22 46	0 42	24 36	17 21	12 10	12 0	3 1		n.a.
T 10	15 31	14 16	4 28	12 1	1 52	0 7	0 59	18 29	2 5	11 12	0 52	1 17	2 24	16 24	0 45	22 47	0 42	24 36	17 21	12 10	11 59	3 4		n.a.
W11	15 50	7 55	3 37	11 22	2 7	0 2	1 8	18 22	2 6	11 17	0 52	1 15	2 24	16 24	0 45	22 47	0 42	24 36	17 20	12 10	11 58	3 8		n.a.
T 12	16 9	1 0	2 31	10 48	2 20	0s 3	1 17	18 15	2 8	11 21	0 52	1 13	2 24	16 24	0 45	22 47	0 41	24 35	17 20	12 11	11 57	3 11		n.a.
F 13	16 27	6n 5	1 14	10 19	2 31	0 9	1 25	18 8	2 9	11 26	0 52	1 10	2 24	16 24	0 45	22 47	0 41	24 35	17 20	12 11	11 56	3 15		n.a.
S 14	16 45	12 53	0n 9	9 56	2 39	0 16	1 33	18 0	2 10	11 31	0 52	1 8	2 24	16 23	0 45	22 47	0 41	24 35	17 19	12 11	11 55	3 18		n.a.
S 15	17 3	18 55	1 31	9 38	2 45	0 24	1 40	17 53	2 11	11 36	0 52	1 6	2 24	16 23	0 45	22 47	0 41	24 35	17 19	12 11	11 54	3 21		n.a.
M16	17 21	23 44	2 45	9 27	2 50	0 33	1 47	17 46	2 13	11 40	0 52	1 4	2 25	16 23	0 45	22 47	0 41	24 35	17 19	12 10	11 52	3 25		n.a.
T 17	17 38	26 57	3 47	9 20	2 52	0 43	1 54	17 40	2 14	11 45	0 52	1 2	2 25	16 23	0 45	22 48	0 41	24 35	17 18	12 10	11 51	3 28		n.a.
W18	17 55	28 20	4 34	9 19	2 53	0 53	2 1	17 33	2 15	11 50	0 52	1 0	2 25	16 22	0 45	22 48	0 41	24 34	17 18	12 9	11 50	3 32		n.a.
T 19	18 12	27 55	5 3	9 22	2 52	1 4	2 7	17 26	2 17	11 54	0 52	0 57	2 25	16 22	0 45	22 48	0 41	24 34	17 18	12 8	11 49	3 35		n.a.
F 20	18 28	25 55	5 15	9 29	2 50	1 16	2 13	17 19	2 18	11 59	0 51	0 55	2 25	16 22	0 45	22 48	0 41	24 34	17 17	12 7	11 48	3 38		n.a.
S 21	18 44	22 38	5 11	9 41	2 47	1 28	2 18	17 12	2 19	12 3	0 51	0 53	2 25	16 22	0 45	22 48	0 41	24 34	17 17	12 6	11 47	3 42		n.a.
S 22	18 59	18 26	4 52	9 55	2 44	1 41	2 24	17 5	2 21	12 8	0 51	0 51	2 26	16 22	0 45	22 48	0 41	24 33	17 17	12 6	11 46	3 45		n.a.
M23	19 15	13 34	4 21	10 13	2 39	1 55	2 29	16 59	2 22	12 12	0 51	0 49	2 26	16 22	0 45	22 49	0 41	24 33	17 16	12 6	11 45	3 49		n.a.
T 24	19 30	8 16	3 38	10 33	2 33	2 9	2 34	16 52	2 23	12 17	0 51	0 47	2 26	16 22	0 45	22 49	0 41	24 33	17 16	12 7	11 43	3 52		n.a.
W25	19 44	2 45	2 47	10 55	2 28	2 24	2 38	16 46	2 25	12 21	0 51	0 46	2 26	16 22	0 45	22 49	0 41	24 32	17 15	12 7	11 42	3 55		n.a.
T 26	19 58	2s52	1 49	11 19	2 21	2 39	2 42	16 39	2 26	12 26	0 51	0 44	2 26	16 22	0 46	22 49	0 41	24 32	17 15	12 8	11 41	3 59		n.a.
F 27	20 12	8 23	0 46	11 44	2 14	2 55	2 46	16 33	2 28	12 30	0 51	0 42	2 27	16 22	0 46	22 49	0 41	24 32	17 15	12 9	11 40	4 2		n.a.
S 28	20 25	13 40	0s19	12 11	2 7	3 11	2 50	16 26	2 29	12 35	0 51	0 40	2 27	16 22	0 46	22 49	0 41	24 32	17 14	12 9	11 39	4 6		n.a.
S 29	20 38	18 30	1 24	12 39	2 0	3 28	2 54	16 20	2 31	12 39	0 51	0 38	2 27	16 22	0 46	22 49	0 41	24 31	17 14	12 8	11 38	4 9		n.a.
M30	20s51	22s39	2s26	13s 8	1n52	3s45	2n57	16n14	2n32	12s43	0n51	0n36	2n27	16n22	0n46	22s50	0n41	24s31	17s14	12n 7	11n37	4s12		n.a.

Julian Day Number = 1487967.5, Delta T = 05h17m07s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°54'03, Lahiri = -12°47'03 Julian Calendar 1 Nov. 640 BCE == Greg. Calendar 25 Oct. 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 640 BCE
geocentric

DECEMBER 640 BCE (-639) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 11 20	3♐ 1'04	11♐37	10♏47	17♎ 7	23♌57	5♏41	4♎ 9	18°R 2	21♐44	8♓ 3	1°R19	29♈54	13♎55	n.a.	T 1
W 2	4 15 17	4° 2'22	24°13	11°59	18° 1	24°19	5°53	4°13	18♌ 2	21°46	8° 3	1♉14	29°51	14° 2	n.a.	W 2
T 3	4 19 13	5° 3'39	7♑ 2	13°12	18°55	24°40	6° 6	4°18	18° 2	21°49	8° 3	1° 7	29°47	14° 9	n.a.	T 3
F 4	4 23 10	6° 4'56	20° 4	14°27	19°50	25° 1	6°19	4°22	18° 2	21°51	8° 4	1° 1	29°44	14°15	n.a.	F 4
S 5	4 27 6	7° 6'13	3♒19	15°44	20°45	25°22	6°31	4°27	18° 1	21°53	8° 4	0°56	29°41	14°22	n.a.	S 5
S 6	4 31 3	8° 7'29	16°46	17° 3	21°41	25°42	6°44	4°31	18° 1	21°55	8° 4	0°52	29°38	14°29	n.a.	S 6
M 7	4 34 59	9° 8'44	0♓27	18°22	22°38	26° 2	6°57	4°36	18° 1	21°57	8° 4	0°51	29°35	14°35	n.a.	M 7
T 8	4 38 56	10° 9'59	14°21	19°43	23°35	26°22	7° 9	4°40	18° 0	22° 0	8° 4	0°D50	29°31	14°42	n.a.	T 8
W 9	4 42 53	11°11'12	28°28	21° 5	24°33	26°41	7°21	4°44	18° 0	22° 2	8° 4	0°51	29°28	14°49	n.a.	W 9
T 10	4 46 49	12°12'25	12♈47	22°28	25°31	27° 0	7°34	4°48	17°59	22° 4	8° 5	0°53	29°25	14°55	n.a.	T 10
F 11	4 50 46	13°13'37	27°15	23°52	26°30	27°18	7°46	4°52	17°59	22° 6	8° 5	0°R54	29°22	15° 2	n.a.	F 11
S 12	4 54 42	14°14'48	11♉50	25°17	27°29	27°36	7°58	4°56	17°58	22° 9	8° 5	0°53	29°19	15° 9	n.a.	S 12
S 13	4 58 39	15°15'58	26°26	26°42	28°29	27°54	8°10	5° 0	17°57	22°11	8° 6	0°51	29°16	15°15	n.a.	S 13
M14	5 2 35	16°17'08	10♊56	28° 9	29°29	28°11	8°22	5° 3	17°57	22°13	8° 6	0°46	29°12	15°22	n.a.	M14
T 15	5 6 32	17°18'17	25°15	29°36	0♏29	28°28	8°34	5° 7	17°56	22°15	8° 6	0°39	29° 9	15°29	n.a.	T 15
W16	5 10 29	18°19'25	9♋17	1♐ 3	1°30	28°44	8°46	5°11	17°55	22°18	8° 7	0°31	29° 6	15°35	n.a.	W16
T 17	5 14 25	19°20'33	22°56	2°32	2°31	29° 0	8°58	5°14	17°54	22°20	8° 7	0°22	29° 3	15°42	n.a.	T 17
F 18	5 18 22	20°21'40	6♌12	4° 1	3°33	29°15	9°10	5°18	17°53	22°22	8° 7	0°14	29° 0	15°49	n.a.	F 18
S 19	5 22 18	21°22'46	19° 4	5°31	4°35	29°30	9°22	5°21	17°52	22°25	8° 8	0° 8	28°57	15°55	n.a.	S 19
S 20	5 26 15	22°23'51	1♍34	7° 1	5°38	29°45	9°34	5°24	17°51	22°27	8° 8	0° 3	28°53	16° 2	n.a.	S 20
M21	5 30 11	23°24'56	13°45	8°32	6°40	29°58	9°45	5°27	17°50	22°29	8° 9	0° 1	28°50	16° 8	n.a.	M21
T 22	5 34 8	24°26'00	25°43	10° 4	7°44	0♍12	9°57	5°30	17°49	22°31	8° 9	29°D59	28°47	16°15	n.a.	T 22
W23	5 38 4	25°27'03	7♎33	11°36	8°47	0°25	10° 8	5°33	17°47	22°34	8°10	0° 1	28°44	16°22	n.a.	W23
T 24	5 42 1	26°28'05	19°20	13° 9	9°51	0°37	10°20	5°36	17°46	22°36	8°11	0° 2	28°41	16°28	n.a.	T 24
F 25	5 45 58	27°29'07	1♏10	14°43	10°55	0°49	10°31	5°39	17°45	22°38	8°11	0°R 2	28°37	16°35	n.a.	F 25
S 26	5 49 54	28°30'07	13° 7	16°17	11°59	1° 0	10°42	5°41	17°43	22°41	8°12	0° 1	28°34	16°42	n.a.	S 26
S 27	5 53 51	29°31'07	25°15	17°52	13° 4	1°11	10°53	5°44	17°42	22°43	8°12	29♈58	28°31	16°48	n.a.	S 27
M28	5 57 47	0♑32'06	7♐39	19°28	14° 8	1°21	11° 4	5°46	17°41	22°45	8°13	29°52	28°28	16°55	n.a.	M28
T 29	6 1 44	1°33'04	20°18	21° 4	15°13	1°30	11°15	5°49	17°39	22°47	8°14	29°43	28°25	17° 2	n.a.	T 29
W30	6 5 40	2°34'00	3♑14	22°41	16°19	1°39	11°26	5°51	17°37	22°50	8°14	29°33	28°22	17° 8	n.a.	W30
T 31	6 9 37	3♑34'55	16♑27	24♐19	17♏24	1♍48	11♏37	5♎53	17♌36	22♐52	8♓15	29♈21	28♈18	17♎15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s 3	25s50	3s22	13s37	1n45	4s 3	3n 0	16n 8	2n34	12s48	0n51	0n35	2n27	16n22	0n46	22s50	0n41	24s31	17s13	12n 6	11n35	4s16		n.a.
W 2	21 15	27 48	4 9	14 7	1 37	4 21	3 3	16 2	2 35	12 52	0 51	0 33	2 28	16 22	0 46	22 50	0 41	24 30	17 13	12 4	11 34	4 19		n.a.
T 3	21 26	28 19	4 44	14 37	1 29	4 39	3 5	15 56	2 37	12 56	0 51	0 31	2 28	16 22	0 46	22 50	0 41	24 30	17 13	12 2	11 33	4 22		n.a.
F 4	21 37	27 17	5 6	15 7	1 21	4 58	3 8	15 50	2 38	13 0	0 51	0 30	2 28	16 22	0 46	22 50	0 41	24 29	17 12	12 0	11 32	4 26		n.a.
S 5	21 48	24 43	5 11	15 37	1 13	5 17	3 10	15 45	2 40	13 5	0 51	0 28	2 28	16 22	0 46	22 50	0 41	24 29	17 12	11 58	11 31	4 29		n.a.
S 6	21 58	20 46	4 59	16 8	1 5	5 36	3 12	15 39	2 41	13 9	0 51	0 27	2 28	16 22	0 46	22 51	0 41	24 29	17 11	11 56	11 30	4 33		n.a.
M 7	22 8	15 41	4 31	16 38	0 57	5 56	3 14	15 34	2 43	13 13	0 51	0 25	2 29	16 22	0 46	22 51	0 41	24 28	17 11	11 56	11 29	4 36		n.a.
T 8	22 17	9 43	3 46	17 8	0 49	6 16	3 15	15 28	2 44	13 17	0 51	0 24	2 29	16 23	0 46	22 51	0 41	24 28	17 11	11 56	11 28	4 39		n.a.
W 9	22 26	3 10	2 47	17 38	0 41	6 36	3 16	15 23	2 46	13 21	0 51	0 22	2 29	16 23	0 46	22 51	0 41	24 27	17 10	11 56	11 26	4 43		n.a.
T 10	22 34	3n38	1 37	18 7	0 33	6 56	3 18	15 18	2 48	13 25	0 51	0 21	2 29	16 23	0 46	22 51	0 41	24 27	17 10	11 56	11 25	4 46		n.a.
F 11	22 42	10 20	0 20	18 36	0 25	7 17	3 19	15 13	2 49	13 29	0 51	0 19	2 30	16 23	0 46	22 51	0 41	24 27	17 10	11 57	11 24	4 50		n.a.
S 12	22 50	16 32	0n59	19 4	0 17	7 38	3 19	15 8	2 51	13 33	0 51	0 18	2 30	16 24	0 46	22 51	0 41	24 26	17 9	11 57	11 23	4 53		n.a.
S 13	22 57	21 48	2 14	19 32	0 10	7 58	3 20	15 4	2 53	13 37	0 51	0 17	2 30	16 24	0 46	22 52	0 41	24 26	17 9	11 56	11 22	4 56		n.a.
M14	23 3	25 41	3 19	19 59	0 2	8 19	3 20	14 59	2 54	13 41	0 51	0 15	2 30	16 24	0 46	22 52	0 41	24 25	17 8	11 54	11 21	5 0		n.a.
T 15	23 9	27 52	4 11	20 26	0s 5	8 40	3 21	14 55	2 56	13 45	0 51	0 14	2 30	16 24	0 46	22 52	0 41	24 25	17 8	11 52	11 20	5 3		n.a.
W16	23 15	28 13	4 47	20 52	0 12	9 2	3 21	14 51	2 58	13 49	0 51	0 13	2 31	16 25	0 46	22 52	0 41	24 24	17 8	11 49	11 18	5 7		n.a.
T 17	23 20	26 48	5 5	21 17	0 20	9 23	3 21	14 47	2 59	13 53	0 51	0 12	2 31	16 25	0 46	22 52	0 41	24 24	17 7	11 46	11 17	5 10		n.a.
F 18	23 25	23 55	5 6	21 41	0 26	9 44	3 20	14 43	3 1	13 57	0 51	0 11	2 31	16 25	0 46	22 52	0 41	24 23	17 7	11 43	11 16	5 13		n.a.
S 19	23 29	19 55	4 51	22 4	0 33	10 6	3 20	14 39	3 3	14 0	0 51	0 9	2 31	16 26	0 47	22 52	0 41	24 23	17 7	11 40	11 15	5 17		n.a.
S 20	23 33	15 9	4 23	22 26	0 40	10 27	3 19	14 36	3 4	14 4	0 51	0 8	2 32	16 26	0 47	22 53	0 41	24 22	17 6	11 39	11 14	5 20		n.a.
M21	23 36	9 54	3 43	22 48	0 46	10 48	3 19	14 32	3 6	14 8	0 51	0 7	2 32	16 26	0 47	22 53	0 41	24 22	17 6	11 38	11 13	5 23		n.a.
T 22	23 39	4 22	2 54	23 8	0 52	11 10	3 18	14 29	3 8	14 12	0 51	0 6	2 32	16 27	0 47	22 53	0 41	24 21	17 6	11 38	11 12	5 27		n.a.
W23	23 42	1s14	1 58	23 27	0 59	11 31	3 17	14 26	3 10	14 15	0 51	0 5	2 32	16 27	0 47	22 53	0 41	24 21	17 5	11 38	11 10	5 30		n.a.
T 24	23 44	6 47	0 57	23 46	1 4	11 52	3 16	14 23	3 12	14 19	0 51	0 5	2 33	16 28	0 47	22 53	0 41	24 20	17 5	11 38	11 9	5 34		n.a.
F 25	23 45	12 8	0s 6	24 3	1 10	12 14	3 15	14 21	3 13	14 22	0 51	0 4	2 33	16 28	0 47	22 53	0 41	24 20	17 5	11 38	11 8	5 37		n.a.
S 26	23 46	17 6	1 10	24 18	1 15	12 35	3 13	14 18	3 15	14 26	0 51	0 3	2 33	16 29	0 47	22 53	0 41	24 19	17 4	11 38	11 7	5 40		n.a.
S 27	23 46	21 28	2 11	24 33	1 20	12 56	3 12	14 16	3 17	14 29	0 51	0 2	2 33	16 29	0 47	22 54	0 41	24 18	17 4	11 37	11 6	5 44		n.a.
M28	23 46	24 58	3 7	24 46	1 25	13 17	3 10	14 14	3 19	14 33	0 51	0 1	2 34	16 30	0 47	22 54	0 41	24 18	17 3	11 35	11 5	5 47		n.a.
T 29	23 46	27 19	3 55	24 58	1 30	13 38	3 8	14 12	3 21	14 36	0 51	0 1	2 34	16 30	0 47	22 54	0 41	24 17	17 3	11 32	11 4	5 50		n.a.
W30	23 45	28 16	4 32	25 8	1 34	13 58	3 7	14 11	3 23	14 40	0 51	0s 0	2 34	16 31	0 47	22 54	0 41	24 17	17 3	11 28	11 2	5 54		n.a.
T 31	23s43	27s38	4s55	25s17	1s38	14s19	3n 5	14n 9	3n24	14s43	0n51	0s 1	2n34	16n31	0n47	22s54	0n41	24s16	17s 2	11n24	11n 1	5s57		n.a.

Julian Day Number = 1487997.5, Delta T = 05h17m06s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'59, Lahiri = -12°46'59 Julian Calendar 1 Dec. 640 BCE == Greg. Calendar 24 Nov. 640 BCE

The year -639 astronomical counting style corresponds to year 640 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

JANUARY 639 BCE (-638) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 13 34	4♉35'49	29♉54	25♐57	18♏30	1♍55	11♏47	5♎55	17°R34	22♐54	8♓16	29°R10	28♈15	17♎22	n.a.	F 1
S 2	6 17 30	5°36'41	13♒32	27°36	19°36	2° 2	11°58	5°57	17♌33	22°56	8°16	29♈ 0	28°12	17°28	n.a.	S 2
S 3	6 21 27	6°37'32	27°20	29°16	20°42	2° 9	12° 8	5°59	17°31	22°59	8°17	28°51	28° 9	17°35	n.a.	S 3
M 4	6 25 23	7°38'21	11♓14	0♉57	21°49	2°14	12°19	6° 1	17°29	23° 1	8°18	28°46	28° 6	17°42	n.a.	M 4
T 5	6 29 20	8°39'08	25°14	2°38	22°55	2°20	12°29	6° 3	17°27	23° 3	8°19	28°43	28° 3	17°48	n.a.	T 5
W 6	6 33 16	9°39'54	9♈17	4°21	24° 2	2°24	12°39	6° 4	17°25	23° 5	8°20	28°D43	27°59	17°55	n.a.	W 6
T 7	6 37 13	10°40'37	23°22	6° 4	25° 9	2°28	12°49	6° 6	17°24	23° 7	8°21	28°R43	27°56	18° 2	n.a.	T 7
F 8	6 41 9	11°41'19	7♉31	7°48	26°16	2°31	12°59	6° 7	17°22	23°10	8°21	28°43	27°53	18° 8	n.a.	F 8
S 9	6 45 6	12°41'59	21°40	9°32	27°23	2°33	13° 9	6° 8	17°20	23°12	8°22	28°41	27°50	18°15	n.a.	S 9
S 10	6 49 3	13°42'37	5♊47	11°18	28°31	2°35	13°19	6°10	17°18	23°14	8°23	28°36	27°47	18°21	n.a.	S 10
M11	6 52 59	14°43'14	19°51	13° 4	29°38	2°36	13°29	6°11	17°16	23°16	8°24	28°29	27°43	18°28	n.a.	M11
T 12	6 56 56	15°43'49	3♋46	14°51	0♐46	2°R36	13°38	6°12	17°14	23°18	8°25	28°19	27°40	18°35	n.a.	T 12
W13	7 0 52	16°44'22	17°28	16°39	1°54	2°35	13°47	6°13	17°11	23°20	8°26	28° 7	27°37	18°41	n.a.	W13
T 14	7 4 49	17°44'53	0♌55	18°28	3° 2	2°34	13°57	6°13	17° 9	23°22	8°27	27°54	27°34	18°48	n.a.	T 14
F 15	7 8 45	18°45'22	14° 2	20°18	4°10	2°32	14° 6	6°14	17° 7	23°25	8°28	27°41	27°31	18°55	n.a.	F 15
S 16	7 12 42	19°45'50	26°50	22° 8	5°19	2°29	14°15	6°15	17° 5	23°27	8°29	27°30	27°28	19° 1	n.a.	S 16
S 17	7 16 38	20°46'16	9♍19	24° 0	6°27	2°25	14°24	6°15	17° 3	23°29	8°30	27°22	27°24	19° 8	n.a.	S 17
M18	7 20 35	21°46'41	21°31	25°51	7°36	2°21	14°33	6°15	17° 0	23°31	8°31	27°16	27°21	19°15	n.a.	M18
T 19	7 24 32	22°47'04	3♎30	27°44	8°45	2°16	14°42	6°16	16°58	23°33	8°32	27°13	27°18	19°21	n.a.	T 19
W20	7 28 28	23°47'26	15°20	29°37	9°53	2°10	14°50	6°16	16°56	23°35	8°33	27°12	27°15	19°28	n.a.	W20
T 21	7 32 25	24°47'45	27° 8	1♒30	11° 2	2° 3	14°59	6°R16	16°54	23°37	8°34	27°11	27°12	19°35	n.a.	T 21
F 22	7 36 21	25°48'04	8♏58	3°23	12°11	1°56	15° 7	6°16	16°51	23°39	8°35	27°11	27° 9	19°41	n.a.	F 22
S 23	7 40 18	26°48'20	20°57	5°17	13°21	1°48	15°15	6°16	16°49	23°41	8°36	27°10	27° 5	19°48	n.a.	S 23
S 24	7 44 14	27°48'36	3♐ 8	7°10	14°30	1°39	15°23	6°15	16°46	23°43	8°38	27° 6	27° 2	19°55	n.a.	S 24
M25	7 48 11	28°48'49	15°37	9° 3	15°39	1°29	15°31	6°15	16°44	23°45	8°39	27° 0	26°59	20° 1	n.a.	M25
T 26	7 52 7	29°49'01	28°27	10°56	16°49	1°18	15°39	6°15	16°42	23°47	8°40	26°51	26°56	20° 8	n.a.	T 26
W27	7 56 4	0♒49'11	11♉39	12°47	17°58	1° 7	15°47	6°14	16°39	23°49	8°41	26°39	26°53	20°14	n.a.	W27
T 28	8 0 1	1°49'19	25°11	14°37	19° 8	0°54	15°54	6°13	16°37	23°51	8°42	26°26	26°49	20°21	n.a.	T 28
F 29	8 3 57	2°49'25	9♒ 3	16°25	20°18	0°42	16° 1	6°13	16°34	23°53	8°43	26°14	26°46	20°28	n.a.	F 29
S 30	8 7 54	3°49'29	23° 8	18°11	21°28	0°28	16° 9	6°12	16°32	23°54	8°45	26° 2	26°43	20°34	n.a.	S 30
S 31	8 11 50	4♒49'31	7♓23	19♒55	22♐38	0♍13	16♏16	6♎11	16♌29	23♐56	8♓46	25♈53	26♈40	20♎41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s42	25s23	5s 3	25s25	1s42	14s39	3n 3	14n 8	3n26	14s46	0n51	0s 1	2n35	16n32	0n47	22s54	0n41	24s16	17s 2	11n20	11n 0	6s 1		n.a.
S 2	23 39	21 40	4 53	25 31	1 46	14 59	3 1	14 8	3 28	14 49	0 51	0 2	2 35	16 32	0 47	22 54	0 41	24 15	17 2	11 16	10 59	6 4		n.a.
S 3	23 36	16 44	4 27	25 35	1 49	15 19	2 58	14 7	3 30	14 53	0 52	0 2	2 35	16 33	0 47	22 55	0 41	24 14	17 2	11 13	10 58	6 7		n.a.
M 4	23 33	10 54	3 44	25 38	1 52	15 39	2 56	14 7	3 32	14 56	0 52	0 3	2 36	16 33	0 47	22 55	0 41	24 14	17 1	11 11	10 57	6 11		n.a.
T 5	23 29	4 29	2 48	25 39	1 54	15 58	2 54	14 6	3 34	14 59	0 52	0 3	2 36	16 34	0 47	22 55	0 41	24 13	17 1	11 10	10 55	6 14		n.a.
W 6	23 25	2n11	1 41	25 38	1 56	16 17	2 51	14 7	3 36	15 2	0 52	0 4	2 36	16 35	0 47	22 55	0 41	24 13	17 1	11 10	10 54	6 17		n.a.
T 7	23 20	8 46	0 28	25 36	1 58	16 36	2 48	14 7	3 38	15 5	0 52	0 4	2 36	16 35	0 47	22 55	0 41	24 12	17 0	11 10	10 53	6 21		n.a.
F 8	23 15	14 56	0n47	25 32	1 59	16 54	2 46	14 8	3 39	15 8	0 52	0 4	2 37	16 36	0 47	22 55	0 41	24 11	17 0	11 10	10 52	6 24		n.a.
S 9	23 9	20 20	1 58	25 26	2 0	17 12	2 43	14 8	3 41	15 11	0 52	0 5	2 37	16 36	0 47	22 55	0 41	24 11	17 0	11 9	10 51	6 28		n.a.
S 10	23 3	24 34	3 3	25 18	2 1	17 30	2 40	14 10	3 43	15 14	0 52	0 5	2 37	16 37	0 47	22 55	0 41	24 10	16 59	11 8	10 50	6 31		n.a.
M11	22 57	27 18	3 56	25 8	2 1	17 48	2 37	14 11	3 45	15 17	0 52	0 5	2 37	16 38	0 47	22 55	0 41	24 9	16 59	11 5	10 49	6 34		n.a.
T 12	22 50	28 17	4 34	24 56	2 1	18 5	2 34	14 13	3 47	15 20	0 52	0 5	2 38	16 38	0 47	22 56	0 41	24 9	16 59	11 1	10 47	6 38		n.a.
W13	22 43	27 30	4 55	24 42	2 0	18 22	2 31	14 15	3 49	15 23	0 52	0 5	2 38	16 39	0 47	22 56	0 41	24 8	16 58	10 57	10 46	6 41		n.a.
T 14	22 35	25 7	5 0	24 26	1 58	18 38	2 28	14 17	3 50	15 25	0 52	0 5	2 38	16 40	0 47	22 56	0 41	24 8	16 58	10 52	10 45	6 44		n.a.
F 15	22 26	21 26	4 49	24 8	1 56	18 54	2 25	14 19	3 52	15 28	0 52	0 5	2 38	16 40	0 47	22 56	0 41	24 7	16 58	10 48	10 44	6 48		n.a.
S 16	22 18	16 51	4 23	23 48	1 54	19 10	2 22	14 22	3 54	15 31	0 52	0 5	2 39	16 41	0 47	22 56	0 41	24 6	16 58	10 44	10 43	6 51		n.a.
S 17	22 9	11 39	3 45	23 26	1 51	19 25	2 18	14 25	3 56	15 33	0 52	0 5	2 39	16 42	0 47	22 56	0 41	24 6	16 57	10 41	10 42	6 54		n.a.
M18	21 59	6 7	2 57	23 2	1 48	19 40	2 15	14 28	3 58	15 36	0 52	0 5	2 39	16 43	0 48	22 56	0 41	24 5	16 57	10 39	10 40	6 58		n.a.
T 19	21 49	0 27	2 2	22 36	1 43	19 54	2 12	14 32	3 59	15 38	0 52	0 5	2 40	16 43	0 48	22 56	0 41	24 4	16 57	10 37	10 39	7 1		n.a.
W20	21 39	5s10	1 2	22 7	1 39	20 8	2 8	14 35	4 1	15 41	0 52	0 5	2 40	16 44	0 48	22 56	0 41	24 4	16 57	10 37	10 38	7 5		n.a.
T 21	21 28	10 35	0 0	21 37	1 33	20 21	2 5	14 39	4 3	15 43	0 52	0 5	2 40	16 45	0 48	22 57	0 41	24 3	16 56	10 37	10 37	7 8		n.a.
F 22	21 17	15 40	1s 2	21 5	1 27	20 34	2 1	14 44	4 4	15 46	0 52	0 4	2 40	16 46	0 48	22 57	0 41	24 2	16 56	10 37	10 36	7 11		n.a.
S 23	21 5	20 12	2 2	20 31	1 20	20 47	1 57	14 48	4 6	15 48	0 52	0 4	2 41	16 46	0 48	22 57	0 41	24 2	16 56	10 36	10 35	7 15		n.a.
S 24	20 53	23 59	2 58	19 55	1 13	20 58	1 54	14 53	4 7	15 51	0 52	0 4	2 41	16 47	0 48	22 57	0 41	24 1	16 56	10 35	10 34	7 18		n.a.
M25	20 41	26 44	3 46	19 17	1 5	21 10	1 50	14 58	4 9	15 53	0 52	0 3	2 41	16 48	0 48	22 57	0 41	24 0	16 55	10 33	10 32	7 21		n.a.
T 26	20 28	28 11	4 25	18 38	0 56	21 21	1 47	15 3	4 10	15 55	0 52	0 3	2 41	16 49	0 48	22 57	0 41	24 0	16 55	10 29	10 31	7 25		n.a.
W27	20 15	28 4	4 50	17 57	0 47	21 31	1 43	15 9	4 12	15 57	0 53	0 2	2 42	16 49	0 48	22 57	0 41	23 59	16 55	10 25	10 30	7 28		n.a.
T 28	20 2	26 19	5 0	17 15	0 36	21 41	1 39	15 14	4 13	15 59	0 53	0 2	2 42	16 50	0 48	22 57	0 41	23 58	16 55	10 20	10 29	7 31		n.a.
F 29	19 48	22 57	4 53	16 32	0 26	21 50	1 35	15 20	4 15	16 2	0 53	0 1	2 42	16 51	0 48	22 57	0 41	23 58	16 54	10 16	10 28	7 35		n.a.
S 30	19 34	18 12	4 28	15 49	0 14	21 58	1 32	15 26	4 16	16 4	0 53	0 1	2 42	16 52	0 48	22 57	0 41	23 57	16 54	10 11	10 27	7 38		n.a.
S 31	19s20	12s24	3s46	15s 5	0s 2	22s 6	1n28	15n33	4n17	16s 6	0n53	0s 0	2n43	16n52	0n48	22s57	0n41	23s56	16s54	10n 8	10n25	7s41		n.a.

Julian Day Number = 1488028.5, Delta T = 05h17m04s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'55, Lahiri = -12°46'55 Julian Calendar 1 Jan. 639 BCE == Greg. Calendar 25 Dec. 640 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

FEBRUARY 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 15 47	5♒49'30	21♓41	21♒35	23♐48	29°R58	16♏23	6°R10	16°R26	23♐58	8♓47	25°R47	26♈37	20♎48	n.a.	M 1
T 2	8 19 43	6°49'27	5♈59	23°12	24°58	29♌43	16°30	6♎ 9	16♌24	24° 0	8°48	25♈43	26°34	20°54	n.a.	T 2
W 3	8 23 40	7°49'22	20°13	24°45	26° 8	29°26	16°36	6° 7	16°21	24° 2	8°50	25°D42	26°30	21° 1	n.a.	W 3
T 4	8 27 36	8°49'15	4♉21	26°12	27°18	29° 9	16°43	6° 6	16°19	24° 3	8°51	25°R42	26°27	21° 8	n.a.	T 4
F 5	8 31 33	9°49'05	18°23	27°35	28°28	28°51	16°49	6° 5	16°16	24° 5	8°52	25°42	26°24	21°14	n.a.	F 5
S 6	8 35 30	10°48'53	2♊17	28°52	29°39	28°33	16°55	6° 3	16°14	24° 7	8°53	25°40	26°21	21°21	n.a.	S 6
S 7	8 39 26	11°48'38	16° 4	0♓ 2	0♑49	28°14	17° 1	6° 1	16°11	24° 9	8°55	25°36	26°18	21°28	n.a.	S 7
M 8	8 43 23	12°48'21	29°42	1° 6	1°59	27°55	17° 7	6° 0	16° 8	24°10	8°56	25°29	26°14	21°34	n.a.	M 8
T 9	8 47 19	13°48'02	13♋11	2° 2	3°10	27°35	17°13	5°58	16° 6	24°12	8°57	25°20	26°11	21°41	n.a.	T 9
W10	8 51 16	14°47'40	26°28	2°51	4°20	27°14	17°19	5°56	16° 3	24°13	8°59	25° 9	26° 8	21°48	n.a.	W10
T 11	8 55 12	15°47'17	9♌33	3°33	5°31	26°53	17°24	5°54	16° 1	24°15	9° 0	24°56	26° 5	21°54	n.a.	T 11
F 12	8 59 9	16°46'51	22°23	4° 6	6°42	26°32	17°29	5°52	15°58	24°17	9° 1	24°45	26° 2	22° 1	n.a.	F 12
S 13	9 3 5	17°46'23	4♍58	4°31	7°53	26°10	17°34	5°50	15°55	24°18	9° 3	24°34	25°59	22° 7	n.a.	S 13
S 14	9 7 2	18°45'52	17°19	4°48	9° 3	25°48	17°39	5°47	15°53	24°20	9° 4	24°26	25°55	22°14	n.a.	S 14
M15	9 10 59	19°45'20	29°26	4°56	10°14	25°26	17°44	5°45	15°50	24°21	9° 5	24°20	25°52	22°21	n.a.	M15
T 16	9 14 55	20°44'46	11♎23	4°R57	11°25	25° 4	17°49	5°43	15°48	24°23	9° 7	24°17	25°49	22°27	n.a.	T 16
W17	9 18 52	21°44'09	23°13	4°50	12°36	24°41	17°53	5°40	15°45	24°24	9° 8	24°D16	25°46	22°34	n.a.	W17
T 18	9 22 48	22°43'31	5♏ 0	4°35	13°47	24°18	17°57	5°38	15°42	24°26	9°10	24°17	25°43	22°41	n.a.	T 18
F 19	9 26 45	23°42'51	16°50	4°13	14°58	23°55	18° 1	5°35	15°40	24°27	9°11	24°17	25°40	22°47	n.a.	F 19
S 20	9 30 41	24°42'09	28°48	3°45	16° 9	23°31	18° 5	5°32	15°37	24°28	9°12	24°R18	25°36	22°54	n.a.	S 20
S 21	9 34 38	25°41'25	11♐ 0	3°11	17°20	23° 8	18° 9	5°29	15°35	24°30	9°14	24°16	25°33	23° 1	n.a.	S 21
M22	9 38 34	26°40'40	23°30	2°31	18°32	22°45	18°13	5°26	15°32	24°31	9°15	24°13	25°30	23° 7	n.a.	M22
T 23	9 42 31	27°39'52	6♑22	1°48	19°43	22°22	18°16	5°23	15°30	24°32	9°17	24° 7	25°27	23°14	n.a.	T 23
W24	9 46 27	28°39'03	19°39	1° 1	20°54	21°59	18°19	5°20	15°27	24°33	9°18	24° 0	25°24	23°21	n.a.	W24
T 25	9 50 24	29°38'11	3♒22	0°13	22° 5	21°36	18°22	5°17	15°25	24°35	9°19	23°51	25°20	23°27	n.a.	T 25
F 26	9 54 21	0♓37'17	17°29	29♒23	23°17	21°13	18°25	5°14	15°22	24°36	9°21	23°42	25°17	23°34	n.a.	F 26
S 27	9 58 17	1°36'22	1♓54	28°32	24°28	20°50	18°28	5°11	15°20	24°37	9°22	23°34	25°14	23°41	n.a.	S 27
S 28	10 2 14	2♓35'24	16♓33	27♒43	25♑39	20♌28	18♏30	5♎ 7	15♌17	24♐38	9♓24	23♈27	25♈11	23♎47	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s 5	5s56	2s49	14s20	0n11	22s14	1n24	15n39	4n18	16s 8	0n53	0n 0	2n43	16n53	0n48	22s58	0n41	23s56	16s54	10n 6	10n24	7s45		n.a.
T 2	18 50	0n51	1 42	13 36	0 24	22 20	1 20	15 46	4 19	16 9	0 53	0 1	2 43	16 54	0 48	22 58	0 41	23 55	16 54	10 5	10 23	7 48		n.a.
W 3	18 34	7 34	0 29	12 52	0 37	22 26	1 17	15 53	4 20	16 11	0 53	0 2	2 43	16 55	0 48	22 58	0 41	23 54	16 53	10 4	10 22	7 51		n.a.
T 4	18 18	13 52	0n46	12 10	0 51	22 32	1 13	16 0	4 21	16 13	0 53	0 3	2 44	16 56	0 48	22 58	0 41	23 54	16 53	10 4	10 21	7 55		n.a.
F 5	18 2	19 25	1 57	11 28	1 5	22 37	1 9	16 7	4 22	16 15	0 53	0 3	2 44	16 56	0 48	22 58	0 41	23 53	16 53	10 4	10 20	7 58		n.a.
S 6	17 46	23 52	3 1	10 48	1 19	22 41	1 5	16 14	4 23	16 17	0 53	0 4	2 44	16 57	0 48	22 58	0 41	23 52	16 53	10 3	10 18	8 1		n.a.
S 7	17 29	26 54	3 53	10 10	1 33	22 45	1 1	16 21	4 23	16 18	0 53	0 5	2 44	16 58	0 48	22 58	0 41	23 52	16 53	10 2	10 17	8 5		n.a.
M 8	17 12	28 19	4 32	9 34	1 48	22 48	0 58	16 29	4 24	16 20	0 53	0 6	2 45	16 59	0 48	22 58	0 41	23 51	16 53	9 59	10 16	8 8		n.a.
T 9	16 55	28 0	4 55	9 0	2 2	22 50	0 54	16 36	4 24	16 21	0 53	0 7	2 45	17 0	0 48	22 58	0 41	23 50	16 52	9 56	10 15	8 11		n.a.
W10	16 37	26 5	5 2	8 30	2 15	22 52	0 50	16 44	4 25	16 23	0 53	0 8	2 45	17 0	0 48	22 58	0 41	23 50	16 52	9 52	10 14	8 15		n.a.
T 11	16 20	22 48	4 52	8 3	2 28	22 53	0 46	16 52	4 25	16 25	0 53	0 9	2 45	17 1	0 48	22 58	0 41	23 49	16 52	9 47	10 13	8 18		n.a.
F 12	16 2	18 27	4 28	7 39	2 41	22 54	0 42	16 59	4 25	16 26	0 54	0 10	2 46	17 2	0 48	22 58	0 41	23 48	16 52	9 43	10 11	8 21		n.a.
S 13	15 43	13 24	3 51	7 19	2 53	22 54	0 39	17 7	4 25	16 27	0 54	0 11	2 46	17 3	0 48	22 58	0 41	23 48	16 52	9 39	10 10	8 25		n.a.
S 14	15 25	7 53	3 4	7 3	3 3	22 53	0 35	17 15	4 25	16 29	0 54	0 12	2 46	17 4	0 48	22 58	0 41	23 47	16 52	9 36	10 9	8 28		n.a.
M15	15 6	2 11	2 8	6 50	3 13	22 51	0 31	17 22	4 25	16 30	0 54	0 13	2 46	17 4	0 48	22 58	0 41	23 46	16 52	9 34	10 8	8 31		n.a.
T 16	14 47	3s31	1 8	6 42	3 22	22 49	0 28	17 30	4 25	16 31	0 54	0 15	2 46	17 5	0 48	22 59	0 41	23 46	16 52	9 33	10 7	8 35		n.a.
W17	14 27	9 3	0 6	6 38	3 29	22 46	0 24	17 37	4 24	16 32	0 54	0 16	2 47	17 6	0 48	22 59	0 41	23 45	16 51	9 32	10 6	8 38		n.a.
T 18	14 8	14 16	0s57	6 38	3 35	22 43	0 20	17 45	4 24	16 34	0 54	0 17	2 47	17 7	0 48	22 59	0 41	23 44	16 51	9 32	10 4	8 41		n.a.
F 19	13 48	18 59	1 58	6 42	3 39	22 39	0 17	17 52	4 23	16 35	0 54	0 18	2 47	17 7	0 48	22 59	0 41	23 44	16 51	9 33	10 3	8 45		n.a.
S 20	13 28	23 0	2 54	6 50	3 42	22 34	0 13	17 59	4 23	16 36	0 54	0 20	2 47	17 8	0 48	22 59	0 41	23 43	16 51	9 33	10 2	8 48		n.a.
S 21	13 8	26 5	3 43	7 1	3 43	22 29	0 9	18 6	4 22	16 37	0 54	0 21	2 47	17 9	0 48	22 59	0 41	23 43	16 51	9 32	10 1	8 51		n.a.
M22	12 48	28 0	4 23	7 16	3 42	22 22	0 6	18 13	4 21	16 38	0 54	0 22	2 48	17 10	0 48	22 59	0 41	23 42	16 51	9 31	10 0	8 55		n.a.
T 23	12 27	28 28	4 52	7 35	3 39	22 16	0 2	18 20	4 20	16 38	0 54	0 24	2 48	17 11	0 48	22 59	0 41	23 41	16 51	9 29	9 59	8 58		n.a.
W24	12 6	27 20	5 5	7 55	3 35	22 8	0s 1	18 27	4 19	16 39	0 54	0 25	2 48	17 11	0 48	22 59	0 41	23 41	16 51	9 26	9 57	9 1		n.a.
T 25	11 45	24 33	5 2	8 19	3 28	22 0	0 4	18 34	4 18	16 40	0 54	0 26	2 48	17 12	0 48	22 59	0 41	23 40	16 51	9 23	9 56	9 5		n.a.
F 26	11 24	20 15	4 40	8 44	3 20	21 52	0 8	18 40	4 16	16 41	0 54	0 28	2 48	17 13	0 48	22 59	0 41	23 39	16 51	9 20	9 55	9 8		n.a.
S 27	11 3	14 41	4 1	9 10	3 11	21 42	0 11	18 46	4 15	16 42	0 54	0 29	2 49	17 14	0 48	22 59	0 41	23 39	16 51	9 16	9 54	9 11		n.a.
S 28	10s42	8s13	3s 5	9s37	3n 0	21s33	0s14	18n52	4n13	16s42	0n55	0n31	2n49	17n14	0n48	22s59	0n41	23s38	16s51	9n14	9n53	9s14		n.a.

Julian Day Number = 1488059.5, Delta T = 05h17m03s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'51, Lahiri = -12°46'50 Julian Calendar 1 Feb. 639 BCE == Greg. Calendar 25 Jan. 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

MARCH 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 6 10	3♓34'24	1♈17	26°R55	26♉51	20°R 6	18♏33	5°R 4	15°R15	24♐39	9♓25	23°R23	25♈ 8	23♎54	n.a.	M 1
T 2	10 10 7	4°33'21	16° 0	26♒10	28° 2	19♌44	18°35	5♎ 0	15♌12	24°40	9°27	23♈21	25° 5	24° 0	n.a.	T 2
W 3	10 14 3	5°32'16	0♉35	25°28	29°14	19°23	18°37	4°57	15°10	24°41	9°28	23°D21	25° 1	24° 7	n.a.	W 3
T 4	10 18 0	6°31'09	14°58	24°50	0♒25	19° 2	18°38	4°53	15° 7	24°42	9°29	23°22	24°58	24°14	n.a.	T 4
F 5	10 21 56	7°30'00	29° 6	24°17	1°37	18°42	18°40	4°49	15° 5	24°43	9°31	23°23	24°55	24°20	n.a.	F 5
S 6	10 25 53	8°28'48	12♊59	23°48	2°49	18°22	18°41	4°46	15° 3	24°44	9°32	23°R23	24°52	24°27	n.a.	S 6
S 7	10 29 50	9°27'33	26°37	23°24	4° 0	18° 3	18°43	4°42	15° 0	24°45	9°34	23°22	24°49	24°34	n.a.	S 7
M 8	10 33 46	10°26'17	10♋ 0	23° 5	5°12	17°44	18°44	4°38	14°58	24°46	9°35	23°19	24°46	24°40	n.a.	M 8
T 9	10 37 43	11°24'58	23° 9	22°52	6°23	17°26	18°44	4°34	14°56	24°47	9°37	23°14	24°42	24°47	n.a.	T 9
W10	10 41 39	12°23'36	6♌ 5	22°44	7°35	17° 9	18°45	4°30	14°54	24°48	9°38	23° 7	24°39	24°54	n.a.	W10
T 11	10 45 36	13°22'12	18°47	22°D41	8°47	16°52	18°45	4°26	14°51	24°49	9°40	23° 0	24°36	25° 0	n.a.	T 11
F 12	10 49 32	14°20'47	1♍18	22°44	9°59	16°36	18°46	4°22	14°49	24°49	9°41	22°53	24°33	25° 7	n.a.	F 12
S 13	10 53 29	15°19'19	13°37	22°52	11°10	16°21	18°R46	4°18	14°47	24°50	9°42	22°47	24°30	25°14	n.a.	S 13
S 14	10 57 25	16°17'48	25°46	23° 4	12°22	16° 6	18°46	4°14	14°45	24°51	9°44	22°43	24°26	25°20	n.a.	S 14
M15	11 1 22	17°16'16	7♎45	23°22	13°34	15°52	18°45	4°10	14°43	24°51	9°45	22°40	24°23	25°27	n.a.	M15
T 16	11 5 18	18°14'42	19°38	23°44	14°46	15°39	18°45	4° 6	14°41	24°52	9°47	22°D39	24°20	25°33	n.a.	T 16
W17	11 9 15	19°13'06	1♏26	24°11	15°58	15°26	18°44	4° 1	14°39	24°53	9°48	22°39	24°17	25°40	n.a.	W17
T 18	11 13 12	20°11'29	13°14	24°42	17°10	15°14	18°43	3°57	14°37	24°53	9°50	22°40	24°14	25°47	n.a.	T 18
F 19	11 17 8	21° 9'50	25° 4	25°17	18°22	15° 3	18°42	3°53	14°35	24°54	9°51	22°42	24°11	25°53	n.a.	F 19
S 20	11 21 5	22° 8'09	7♐ 2	25°56	19°33	14°53	18°41	3°49	14°33	24°54	9°52	22°44	24° 7	26° 0	n.a.	S 20
S 21	11 25 1	23° 6'26	19°13	26°39	20°45	14°44	18°40	3°44	14°31	24°55	9°54	22°R44	24° 4	26° 7	n.a.	S 21
M22	11 28 58	24° 4'42	1♑41	27°25	21°57	14°35	18°38	3°40	14°29	24°55	9°55	22°44	24° 1	26°13	n.a.	M22
T 23	11 32 54	25° 2'56	14°31	28°15	23° 9	14°27	18°36	3°35	14°28	24°56	9°57	22°43	23°58	26°20	n.a.	T 23
W24	11 36 51	26° 1'08	27°46	29° 8	24°22	14°20	18°34	3°31	14°26	24°56	9°58	22°40	23°55	26°27	n.a.	W24
T 25	11 40 47	26°59'19	11♒27	0♓ 4	25°34	14°14	18°32	3°27	14°24	24°56	9°59	22°37	23°52	26°33	n.a.	T 25
F 26	11 44 44	27°57'28	25°36	1° 3	26°46	14° 9	18°30	3°22	14°22	24°57	10° 1	22°33	23°48	26°40	n.a.	F 26
S 27	11 48 41	28°55'36	10♓ 9	2° 5	27°58	14° 4	18°27	3°18	14°21	24°57	10° 2	22°30	23°45	26°47	n.a.	S 27
S 28	11 52 37	29°53'42	24°59	3°10	29°10	14° 0	18°25	3°13	14°19	24°57	10° 4	22°28	23°42	26°53	n.a.	S 28
M29	11 56 34	0♈51'45	10♈ 1	4°18	0♓22	13°57	18°22	3° 9	14°18	24°57	10° 5	22°26	23°39	27° 0	n.a.	M29
T 30	12 0 30	1°49'48	25° 4	5°28	1°34	13°55	18°19	3° 4	14°16	24°58	10° 6	22°D26	23°36	27° 7	n.a.	T 30
W31	12 4 27	2♈47'48	10♉ 1	6♓40	2♓46	13♌53	18♏15	3♎ 0	14♌15	24♐58	10♓ 8	22♈26	23♈32	27♎13	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	10s20	1s15	1s56	10s 5	2n48	21s22	0s18	18n58	4n12	16s43	0n55	0n32	2n49	17n15	0n48	22s59	0n41	23s38	16s50	9n12	9n51	9s18			n.a.
T 2	9 58	5n46	0 40	10 33	2 35	21 11	0 21	19 3	4 10	16 43	0 55	0 34	2 49	17 16	0 48	22 59	0 41	23 37	16 50	9 12	9 50	9 21			n.a.
W 3	9 37	12 26	0n39	11 0	2 21	20 59	0 24	19 8	4 8	16 44	0 55	0 35	2 49	17 16	0 48	22 59	0 41	23 36	16 50	9 12	9 49	9 24			n.a.
T 4	9 15	18 22	1 54	11 27	2 6	20 47	0 27	19 13	4 6	16 44	0 55	0 37	2 49	17 17	0 48	22 59	0 41	23 36	16 50	9 12	9 48	9 28			n.a.
F 5	8 52	23 11	3 1	11 52	1 51	20 34	0 30	19 18	4 4	16 45	0 55	0 39	2 50	17 18	0 48	22 59	0 41	23 35	16 50	9 13	9 47	9 31			n.a.
S 6	8 30	26 34	3 56	12 17	1 35	20 20	0 33	19 22	4 2	16 45	0 55	0 40	2 50	17 19	0 48	22 59	0 41	23 35	16 50	9 13	9 46	9 34			n.a.
S 7	8 8	28 20	4 37	12 39	1 20	20 6	0 36	19 26	4 0	16 45	0 55	0 42	2 50	17 19	0 48	22 59	0 41	23 34	16 50	9 12	9 44	9 38			n.a.
M 8	7 45	28 24	5 1	13 0	1 4	19 52	0 39	19 30	3 58	16 45	0 55	0 44	2 50	17 20	0 48	22 59	0 41	23 34	16 50	9 11	9 43	9 41			n.a.
T 9	7 23	26 50	5 9	13 19	0 49	19 36	0 42	19 34	3 56	16 46	0 55	0 45	2 50	17 21	0 48	22 59	0 41	23 33	16 50	9 9	9 42	9 44			n.a.
W10	7 0	23 53	5 2	13 36	0 33	19 21	0 44	19 37	3 54	16 46	0 55	0 47	2 50	17 21	0 48	22 59	0 41	23 32	16 50	9 6	9 41	9 47			n.a.
T 11	6 38	19 49	4 39	13 51	0 18	19 4	0 47	19 40	3 51	16 46	0 55	0 49	2 50	17 22	0 48	22 59	0 41	23 32	16 50	9 4	9 40	9 51			n.a.
F 12	6 15	14 56	4 3	14 4	0 4	18 47	0 50	19 43	3 49	16 46	0 55	0 50	2 50	17 22	0 48	22 59	0 41	23 31	16 50	9 1	9 38	9 54			n.a.
S 13	5 52	9 32	3 16	14 15	0s10	18 30	0 52	19 45	3 46	16 46	0 55	0 52	2 51	17 23	0 48	22 59	0 41	23 31	16 50	8 59	9 37	9 57			n.a.
S 14	5 29	3 52	2 21	14 24	0 24	18 12	0 55	19 47	3 44	16 46	0 55	0 54	2 51	17 24	0 48	22 59	0 41	23 30	16 50	8 57	9 36	10 1			n.a.
M15	5 6	1s53	1 20	14 30	0 37	17 54	0 57	19 49	3 41	16 45	0 55	0 56	2 51	17 24	0 48	22 59	0 41	23 30	16 51	8 56	9 35	10 4			n.a.
T 16	4 43	7 32	0 16	14 34	0 50	17 35	1 0	19 51	3 39	16 45	0 55	0 57	2 51	17 25	0 48	23 0	0 41	23 29	16 51	8 56	9 34	10 7			n.a.
W17	4 20	12 53	0s48	14 37	1 1	17 15	1 2	19 52	3 36	16 45	0 56	0 59	2 51	17 25	0 48	23 0	0 41	23 29	16 51	8 56	9 33	10 10			n.a.
T 18	3 56	17 47	1 50	14 37	1 13	16 56	1 4	19 53	3 33	16 45	0 56	1 1	2 51	17 26	0 47	23 0	0 41	23 28	16 51	8 56	9 31	10 14			n.a.
F 19	3 33	22 1	2 48	14 35	1 23	16 35	1 6	19 54	3 31	16 44	0 56	1 3	2 51	17 27	0 47	23 0	0 41	23 28	16 51	8 57	9 30	10 17			n.a.
S 20	3 10	25 24	3 40	14 31	1 33	16 14	1 8	19 54	3 28	16 44	0 56	1 5	2 51	17 27	0 47	23 0	0 41	23 27	16 51	8 58	9 29	10 20			n.a.
S 21	2 46	27 41	4 22	14 24	1 42	15 53	1 10	19 54	3 25	16 44	0 56	1 6	2 51	17 28	0 47	23 0	0 41	23 27	16 51	8 58	9 28	10 23			n.a.
M22	2 23	28 39	4 53	14 16	1 51	15 31	1 12	19 54	3 22	16 43	0 56	1 8	2 51	17 28	0 47	23 0	0 41	23 26	16 51	8 58	9 27	10 27			n.a.
T 23	2 0	28 7	5 11	14 6	1 59	15 9	1 14	19 54	3 20	16 43	0 56	1 10	2 51	17 29	0 47	23 0	0 41	23 26	16 51	8 57	9 25	10 30			n.a.
W24	1 36	26 0	5 13	13 54	2 6	14 47	1 16	19 53	3 17	16 42	0 56	1 12	2 51	17 29	0 47	23 0	0 41	23 25	16 51	8 56	9 24	10 33			n.a.
T 25	1 13	22 20	4 57	13 40	2 13	14 24	1 18	19 53	3 14	16 41	0 56	1 14	2 51	17 30	0 47	23 0	0 41	23 25	16 51	8 55	9 23	10 37			n.a.
F 26	0 49	17 17	4 24	13 25	2 19	14 1	1 20	19 52	3 11	16 41	0 56	1 15	2 51	17 30	0 47	23 0	0 41	23 24	16 51	8 54	9 22	10 40			n.a.
S 27	0 26	11 8	3 32	13 7	2 24	13 37	1 21	19 50	3 8	16 40	0 56	1 17	2 51	17 31	0 47	23 0	0 41	23 24	16 51	8 53	9 21	10 43			n.a.
S 28	0 3	4 14	2 26	12 47	2 29	13 13	1 23	19 49	3 6	16 39	0 56	1 19	2 51	17 31	0 47	23 0	0 41	23 23	16 52	8 52	9 20	10 46			n.a.
M29	0n21	2n59	1 8	12 26	2 33	12 48	1 24	19 47	3 3	16 38	0 56	1 21	2 51	17 31	0 47	23 0	0 41	23 23	16 52	8 51	9 18	10 50			n.a.
T 30	0 44	10 4	0n15	12 3	2 36	12 24	1 26	19 45	3 0	16 37	0 56	1 23	2 51	17 32	0 47	23 0	0 41	23 23	16 52	8 51	9 17	10 53			n.a.
W31	1n 8	16n32	1n36	11s39	2s39	11s59	1s27	19n43	2n57	16s37	0n56	1n24	2n51	17n32	0n47	23s 0	0n41	23s22	16s52	8n51	9n16	10s56			n.a.

Julian Day Number = 1488087.5, Delta T = 05h17m02s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'47, Lahiri = -12°46'47 Julian Calendar 1 March 639 BCE == Greg. Calendar 22 Feb. 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

APRIL 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 8 23	3♈45'46	24♉43	7♓55	3♓59	13°D53	18°R12	2°R55	14°R13	24♐58	10♓ 9	22♈28	23♈29	27♎20	n.a.	T 1
F 2	12 12 20	4°43'43	9♊ 7	9°13	5°11	13♌53	18♏ 8	2♎51	14♌12	24°58	10°10	22°29	23°26	27°26	n.a.	F 2
S 3	12 16 16	5°41'38	23°10	10°32	6°23	13°54	18° 5	2°46	14°11	24°58	10°12	22°30	23°23	27°33	n.a.	S 3
S 4	12 20 13	6°39'30	6♋50	11°54	7°35	13°55	18° 1	2°42	14° 9	24°R58	10°13	22°R30	23°20	27°40	n.a.	S 4
M 5	12 24 10	7°37'21	20° 8	13°19	8°47	13°58	17°57	2°37	14° 8	24°58	10°14	22°30	23°17	27°46	n.a.	M 5
T 6	12 28 6	8°35'10	3♌ 8	14°45	10° 0	14° 1	17°52	2°33	14° 7	24°58	10°16	22°29	23°13	27°53	n.a.	T 6
W 7	12 32 3	9°32'57	15°50	16°14	11°12	14° 5	17°48	2°29	14° 6	24°58	10°17	22°27	23°10	28° 0	n.a.	W 7
T 8	12 35 59	10°30'42	28°17	17°44	12°24	14° 9	17°43	2°24	14° 5	24°58	10°18	22°26	23° 7	28° 6	n.a.	T 8
F 9	12 39 56	11°28'25	10♍32	19°17	13°37	14°14	17°39	2°20	14° 4	24°58	10°19	22°24	23° 4	28°13	n.a.	F 9
S 10	12 43 52	12°26'07	22°37	20°52	14°49	14°20	17°34	2°15	14° 3	24°57	10°21	22°23	23° 1	28°20	n.a.	S 10
S 11	12 47 49	13°23'47	4♎35	22°29	16° 1	14°27	17°29	2°11	14° 2	24°57	10°22	22°22	22°57	28°26	n.a.	S 11
M12	12 51 45	14°21'26	16°27	24° 8	17°14	14°34	17°24	2° 7	14° 1	24°57	10°23	22°21	22°54	28°33	n.a.	M12
T 13	12 55 42	15°19'03	28°16	25°49	18°26	14°42	17°18	2° 2	14° 0	24°57	10°24	22°D21	22°51	28°40	n.a.	T 13
W14	12 59 38	16°16'39	10♏ 4	27°33	19°38	14°51	17°13	1°58	13°59	24°56	10°26	22°22	22°48	28°46	n.a.	W14
T 15	13 3 35	17°14'13	21°53	29°18	20°51	15° 0	17° 7	1°54	13°58	24°56	10°27	22°22	22°45	28°53	n.a.	T 15
F 16	13 7 32	18°11'47	3♐47	1♈ 6	22° 3	15°10	17° 2	1°50	13°58	24°56	10°28	22°23	22°42	28°59	n.a.	F 16
S 17	13 11 28	19° 9'19	15°48	2°55	23°16	15°21	16°56	1°46	13°57	24°55	10°29	22°23	22°38	29° 6	n.a.	S 17
S 18	13 15 25	20° 6'50	28° 1	4°47	24°28	15°32	16°50	1°41	13°56	24°55	10°30	22°23	22°35	29°13	n.a.	S 18
M19	13 19 21	21° 4'21	10♑29	6°41	25°41	15°43	16°44	1°37	13°56	24°54	10°31	22°23	22°32	29°19	n.a.	M19
T 20	13 23 18	22° 1'50	23°16	8°36	26°53	15°56	16°38	1°33	13°55	24°54	10°33	22°23	22°29	29°26	n.a.	T 20
W21	13 27 14	22°59'18	6♒25	10°34	28° 6	16° 9	16°31	1°29	13°55	24°53	10°34	22°23	22°26	29°33	n.a.	W21
T 22	13 31 11	23°56'46	20° 0	12°34	29°18	16°22	16°25	1°25	13°55	24°53	10°35	22°23	22°23	29°39	n.a.	T 22
F 23	13 35 7	24°54'12	4♓ 1	14°35	0♈31	16°36	16°18	1°21	13°54	24°52	10°36	22°24	22°19	29°46	n.a.	F 23
S 24	13 39 4	25°51'38	18°27	16°39	1°43	16°51	16°12	1°17	13°54	24°52	10°37	22°24	22°16	29°53	n.a.	S 24
S 25	13 43 1	26°49'02	3♈15	18°44	2°56	17° 6	16° 5	1°14	13°54	24°51	10°38	22°24	22°13	29°59	n.a.	S 25
M26	13 46 57	27°46'26	18°19	20°50	4° 8	17°21	15°58	1°10	13°54	24°50	10°39	22°R24	22°10	0♏ 6	n.a.	M26
T 27	13 50 54	28°43'49	3♉30	22°58	5°21	17°37	15°51	1° 6	13°54	24°50	10°40	22°24	22° 7	0°13	n.a.	T 27
W28	13 54 50	29°41'11	18°39	25° 8	6°34	17°54	15°44	1° 2	13°53	24°49	10°41	22°24	22° 3	0°19	n.a.	W28
T 29	13 58 47	0♉38'31	3♊37	27°18	7°46	18°11	15°37	0°59	13°D53	24°48	10°42	22°23	22° 0	0°26	n.a.	T 29
F 30	14 2 43	1♉35'51	18♊16	29♈29	8♈59	18♌29	15♏30	0♎55	13♌53	24♐47	10♓43	22♈22	21♈57	0♏33	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n31	21n57	2n49	11s12	2s41	11s33	1s28	19n40	2n54	16s36	0n56	1n26	2n51	17n33	0n47	23s 0	0n41	23s22	16s52	8n52	9n15	10s59		n.a.
F 2	1 54	25 55	3 50	10 44	2 43	11 7	1 29	19 38	2 52	16 35	0 56	1 28	2 51	17 33	0 47	23 0	0 41	23 21	16 52	8 52	9 14	11 3		n.a.
S 3	2 18	28 11	4 36	10 14	2 44	10 41	1 30	19 35	2 49	16 33	0 56	1 30	2 51	17 33	0 47	23 0	0 41	23 21	16 52	8 52	9 12	11 6		n.a.
S 4	2 41	28 40	5 5	9 43	2 44	10 15	1 31	19 31	2 46	16 32	0 56	1 32	2 51	17 34	0 47	23 0	0 41	23 21	16 53	8 53	9 11	11 9		n.a.
M 5	3 4	27 27	5 16	9 10	2 44	9 49	1 32	19 28	2 43	16 31	0 56	1 33	2 51	17 34	0 47	23 0	0 41	23 20	16 53	8 52	9 10	11 12		n.a.
T 6	3 27	24 46	5 11	8 35	2 43	9 22	1 33	19 25	2 40	16 30	0 56	1 35	2 51	17 34	0 47	22 59	0 41	23 20	16 53	8 52	9 9	11 15		n.a.
W 7	3 50	20 56	4 51	7 59	2 41	8 55	1 34	19 21	2 38	16 29	0 56	1 37	2 51	17 35	0 47	22 59	0 41	23 19	16 53	8 51	9 8	11 19		n.a.
T 8	4 13	16 14	4 17	7 21	2 39	8 27	1 35	19 17	2 35	16 27	0 56	1 39	2 51	17 35	0 47	22 59	0 41	23 19	16 53	8 51	9 6	11 22		n.a.
F 9	4 36	10 59	3 32	6 42	2 37	8 0	1 35	19 13	2 32	16 26	0 56	1 40	2 51	17 35	0 47	22 59	0 41	23 19	16 53	8 50	9 5	11 25		n.a.
S 10	4 59	5 22	2 38	6 1	2 33	7 32	1 36	19 8	2 30	16 25	0 56	1 42	2 51	17 35	0 47	22 59	0 41	23 18	16 54	8 50	9 4	11 28		n.a.
S 11	5 22	0s22	1 37	5 18	2 30	7 4	1 36	19 4	2 27	16 23	0 56	1 44	2 51	17 36	0 47	22 59	0 41	23 18	16 54	8 49	9 3	11 32		n.a.
M12	5 44	6 3	0 33	4 35	2 25	6 36	1 37	18 59	2 24	16 22	0 56	1 45	2 51	17 36	0 47	22 59	0 41	23 18	16 54	8 49	9 2	11 35		n.a.
T 13	6 7	11 31	0s33	3 49	2 20	6 7	1 37	18 54	2 22	16 20	0 56	1 47	2 51	17 36	0 47	22 59	0 41	23 18	16 54	8 49	9 0	11 38		n.a.
W14	6 29	16 34	1 37	3 3	2 15	5 39	1 38	18 49	2 19	16 19	0 56	1 49	2 51	17 36	0 47	22 59	0 41	23 17	16 54	8 49	8 59	11 41		n.a.
T 15	6 52	21 1	2 37	2 15	2 9	5 10	1 38	18 44	2 17	16 17	0 56	1 50	2 51	17 37	0 47	22 59	0 41	23 17	16 55	8 49	8 58	11 45		n.a.
F 16	7 14	24 39	3 30	1 25	2 2	4 41	1 38	18 39	2 14	16 16	0 56	1 52	2 51	17 37	0 47	22 59	0 41	23 17	16 55	8 50	8 57	11 48		n.a.
S 17	7 36	27 14	4 15	0 35	1 55	4 12	1 38	18 33	2 12	16 14	0 56	1 54	2 51	17 37	0 47	22 59	0 41	23 16	16 55	8 50	8 56	11 51		n.a.
S 18	7 58	28 35	4 50	0n17	1 48	3 43	1 38	18 27	2 9	16 12	0 56	1 55	2 51	17 37	0 47	22 59	0 41	23 16	16 55	8 50	8 54	11 54		n.a.
M19	8 20	28 31	5 11	1 10	1 40	3 14	1 38	18 21	2 7	16 11	0 56	1 57	2 50	17 37	0 46	22 59	0 41	23 16	16 55	8 50	8 53	11 57		n.a.
T 20	8 42	26 57	5 18	2 4	1 31	2 45	1 38	18 15	2 4	16 9	0 56	1 58	2 50	17 37	0 46	22 59	0 41	23 16	16 56	8 50	8 52	12 1		n.a.
W21	9 4	23 54	5 8	2 59	1 22	2 15	1 37	18 9	2 2	16 7	0 56	2 0	2 50	17 37	0 46	22 59	0 41	23 15	16 56	8 50	8 51	12 4		n.a.
T 22	9 25	19 28	4 42	3 55	1 13	1 46	1 37	18 3	1 59	16 5	0 56	2 1	2 50	17 37	0 46	22 59	0 41	23 15	16 56	8 50	8 50	12 7		n.a.
F 23	9 46	13 51	3 58	4 51	1 4	1 16	1 37	17 56	1 57	16 3	0 56	2 3	2 50	17 37	0 46	22 59	0 41	23 15	16 56	8 50	8 48	12 10		n.a.
S 24	10 8	7 21	2 58	5 48	0 54	0 46	1 36	17 49	1 55	16 2	0 56	2 4	2 50	17 37	0 46	22 59	0 41	23 15	16 57	8 50	8 47	12 13		n.a.
S 25	10 29	0 17	1 44	6 46	0 44	0 17	1 36	17 43	1 52	16 0	0 56	2 6	2 50	17 37	0 46	22 59	0 41	23 15	16 57	8 50	8 46	12 17		n.a.
M26	10 50	6n56	0 23	7 44	0 33	0n13	1 35	17 35	1 50	15 58	0 56	2 7	2 50	17 38	0 46	22 59	0 41	23 14	16 57	8 50	8 45	12 20		n.a.
T 27	11 10	13 49	1n 1	8 42	0 23	0 43	1 35	17 28	1 48	15 56	0 55	2 8	2 49	17 38	0 46	22 59	0 41	23 14	16 57	8 50	8 44	12 23		n.a.
W28	11 31	19 52	2 21	9 40	0 12	1 12	1 34	17 21	1 45	15 54	0 55	2 10	2 49	17 37	0 46	22 59	0 41	23 14	16 58	8 50	8 42	12 26		n.a.
T 29	11 51	24 36	3 29	10 38	0 1	1 42	1 33	17 13	1 43	15 52	0 55	2 11	2 49	17 37	0 46	22 59	0 41	23 14	16 58	8 50	8 41	12 29		n.a.
F 30	12n12	27n37	4n23	11n35	0n 9	2n12	1s32	17n 6	1n41	15s50	0n55	2n12	2n49	17n37	0n46	22s59	0n41	23s14	16s58	8n50	8n40	12s33		n.a.

Julian Day Number = 1488118.5, Delta T = 05h17m00s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'43, Lahiri = -12°46'42 Julian Calendar 1 Apr. 639 BCE == Greg. Calendar 25 March 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

MAY 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 6 40	2♉33'09	2♋31	1♉40	10♈12	18♌47	15°R23	0°R52	13♌54	24°R46	10♓44	22°R21	21♈54	0♏39	n.a.	S 1
S 2	14 10 37	3°30'27	16°19	3°52	11°24	19° 5	15♏15	0♎48	13°54	24♐46	10°45	22♈20	21°51	0°46	n.a.	S 2
M 3	14 14 33	4°27'43	29°42	6° 4	12°37	19°24	15° 8	0°45	13°54	24°45	10°46	22°D20	21°48	0°52	n.a.	M 3
T 4	14 18 30	5°24'58	12♌40	8°15	13°50	19°44	15° 1	0°42	13°54	24°44	10°47	22°20	21°44	0°59	n.a.	T 4
W 5	14 22 26	6°22'12	25°16	10°26	15° 2	20° 4	14°53	0°38	13°55	24°43	10°48	22°20	21°41	1° 6	n.a.	W 5
T 6	14 26 23	7°19'25	7♍36	12°36	16°15	20°24	14°46	0°35	13°55	24°42	10°49	22°22	21°38	1°12	n.a.	T 6
F 7	14 30 19	8°16'37	19°42	14°45	17°28	20°45	14°38	0°32	13°55	24°41	10°50	22°23	21°35	1°19	n.a.	F 7
S 8	14 34 16	9°13'48	1♎39	16°53	18°41	21° 6	14°31	0°29	13°56	24°40	10°50	22°24	21°32	1°26	n.a.	S 8
S 9	14 38 12	10°10'58	13°29	18°59	19°54	21°28	14°23	0°26	13°56	24°39	10°51	22°25	21°29	1°32	n.a.	S 9
M10	14 42 9	11° 8'07	25°17	21° 4	21° 6	21°50	14°15	0°23	13°57	24°38	10°52	22°R25	21°25	1°39	n.a.	M10
T 11	14 46 6	12° 5'16	7♏ 5	23° 6	22°19	22°12	14° 8	0°21	13°57	24°37	10°53	22°25	21°22	1°46	n.a.	T 11
W12	14 50 2	13° 2'24	18°55	25° 7	23°32	22°35	14° 0	0°18	13°58	24°36	10°54	22°23	21°19	1°52	n.a.	W12
T 13	14 53 59	13°59'32	0♐50	27° 6	24°45	22°58	13°52	0°15	13°59	24°35	10°54	22°20	21°16	1°59	n.a.	T 13
F 14	14 57 55	14°56'40	12°51	29° 3	25°58	23°21	13°45	0°13	14° 0	24°34	10°55	22°17	21°13	2° 6	n.a.	F 14
S 15	15 1 52	15°53'47	25° 0	0♊58	27°11	23°45	13°37	0°10	14° 1	24°32	10°56	22°13	21° 9	2°12	n.a.	S 15
S 16	15 5 48	16°50'54	7♑21	2°50	28°24	24°10	13°30	0° 8	14° 1	24°31	10°57	22°10	21° 6	2°19	n.a.	S 16
M17	15 9 45	17°48'00	19°54	4°41	29°37	24°34	13°22	0° 6	14° 2	24°30	10°57	22° 6	21° 3	2°26	n.a.	M17
T 18	15 13 41	18°45'07	2♒43	6°29	0♉49	24°59	13°14	0° 3	14° 3	24°29	10°58	22° 4	21° 0	2°32	n.a.	T 18
W19	15 17 38	19°42'13	15°51	8°14	2° 2	25°24	13° 7	0° 1	14° 4	24°28	10°59	22°D 3	20°57	2°39	n.a.	W19
T 20	15 21 35	20°39'20	29°19	9°58	3°15	25°50	12°59	29♍59	14° 5	24°26	10°59	22° 4	20°54	2°45	n.a.	T 20
F 21	15 25 31	21°36'26	13♓10	11°39	4°29	26°16	12°52	29°57	14° 7	24°25	11° 0	22° 5	20°50	2°52	n.a.	F 21
S 22	15 29 28	22°33'32	27°23	13°18	5°42	26°42	12°44	29°55	14° 8	24°24	11° 0	22° 6	20°47	2°59	n.a.	S 22
S 23	15 33 24	23°30'39	11♈58	14°54	6°55	27° 8	12°37	29°54	14° 9	24°22	11° 1	22° 7	20°44	3° 5	n.a.	S 23
M24	15 37 21	24°27'46	26°50	16°28	8° 8	27°35	12°29	29°52	14°10	24°21	11° 2	22°R 7	20°41	3°12	n.a.	M24
T 25	15 41 17	25°24'52	11♉54	18° 0	9°21	28° 2	12°22	29°50	14°12	24°20	11° 2	22° 6	20°38	3°19	n.a.	T 25
W26	15 45 14	26°21'59	27° 0	19°30	10°34	28°30	12°15	29°49	14°13	24°18	11° 3	22° 3	20°34	3°25	n.a.	W26
T 27	15 49 10	27°19'06	12♊ 0	20°57	11°47	28°57	12° 8	29°47	14°15	24°17	11° 3	21°59	20°31	3°32	n.a.	T 27
F 28	15 53 7	28°16'12	26°45	22°21	13° 0	29°25	12° 1	29°46	14°16	24°16	11° 4	21°54	20°28	3°39	n.a.	F 28
S 29	15 57 4	29°13'19	11♋ 8	23°44	14°14	29°54	11°53	29°45	14°18	24°14	11° 4	21°49	20°25	3°45	n.a.	S 29
S 30	16 1 0	0♊10'25	25° 4	25° 3	15°27	0♍22	11°47	29°44	14°19	24°13	11° 4	21°44	20°22	3°52	n.a.	S 30
M31	16 4 57	1♊ 7'31	8♌32	26♊21	16♉40	0♍51	11♏40	29♍43	14♌21	24♐11	11♓ 5	21♈40	20♈19	3♏59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n32	28n43	4n58	12n31	0n20	2n42	1s31	16n58	1n39	15s48	0n55	2n14	2n49	17n37	0n46	22s59	0n41	23s14	16s58	8n49	8n39	12s36		n.a.
S 2	12 52	27 58	5 15	13 27	0 30	3 11	1 30	16 50	1 37	15 46	0 55	2 15	2 49	17 37	0 46	22 59	0 41	23 14	16 59	8 49	8 38	12 39		n.a.
M 3	13 11	25 37	5 14	14 21	0 40	3 41	1 29	16 42	1 34	15 44	0 55	2 16	2 49	17 37	0 46	22 59	0 41	23 13	16 59	8 49	8 36	12 42		n.a.
T 4	13 31	21 59	4 57	15 14	0 50	4 11	1 28	16 34	1 32	15 41	0 55	2 17	2 48	17 37	0 46	22 59	0 41	23 13	16 59	8 49	8 35	12 45		n.a.
W 5	13 50	17 27	4 26	16 5	0 59	4 40	1 27	16 25	1 30	15 39	0 55	2 18	2 48	17 37	0 46	22 59	0 41	23 13	17 0	8 49	8 34	12 48		n.a.
T 6	14 9	12 17	3 43	16 55	1 8	5 10	1 26	16 17	1 28	15 37	0 55	2 19	2 48	17 37	0 46	22 59	0 41	23 13	17 0	8 49	8 33	12 52		n.a.
F 7	14 28	6 45	2 51	17 42	1 16	5 39	1 25	16 8	1 26	15 35	0 55	2 21	2 48	17 37	0 46	22 59	0 41	23 13	17 0	8 50	8 32	12 55		n.a.
S 8	14 46	1 3	1 52	18 27	1 24	6 8	1 23	15 59	1 24	15 33	0 55	2 22	2 48	17 36	0 46	22 59	0 41	23 13	17 1	8 50	8 30	12 58		n.a.
S 9	15 5	4s39	0 49	19 10	1 31	6 37	1 22	15 50	1 22	15 31	0 54	2 23	2 47	17 36	0 46	22 58	0 41	23 13	17 1	8 51	8 29	13 1		n.a.
M10	15 23	10 10	0s16	19 51	1 38	7 6	1 20	15 41	1 20	15 29	0 54	2 24	2 47	17 36	0 46	22 58	0 41	23 13	17 1	8 51	8 28	13 4		n.a.
T 11	15 41	15 20	1 20	20 29	1 44	7 35	1 19	15 32	1 18	15 26	0 54	2 25	2 47	17 36	0 46	22 58	0 41	23 13	17 1	8 50	8 27	13 7		n.a.
W12	15 58	19 57	2 21	21 4	1 49	8 4	1 17	15 22	1 16	15 24	0 54	2 25	2 47	17 36	0 46	22 58	0 41	23 13	17 2	8 50	8 26	13 11		n.a.
T 13	16 16	23 48	3 16	21 37	1 53	8 33	1 16	15 13	1 14	15 22	0 54	2 26	2 47	17 35	0 46	22 58	0 41	23 13	17 2	8 49	8 24	13 14		n.a.
F 14	16 33	26 40	4 3	22 8	1 57	9 1	1 14	15 3	1 12	15 20	0 54	2 27	2 46	17 35	0 46	22 58	0 41	23 13	17 2	8 48	8 23	13 17		n.a.
S 15	16 50	28 20	4 40	22 36	2 0	9 29	1 12	14 54	1 10	15 18	0 54	2 28	2 46	17 35	0 45	22 58	0 41	23 13	17 3	8 46	8 22	13 20		n.a.
S 16	17 6	28 37	5 4	23 1	2 3	9 57	1 11	14 44	1 8	15 16	0 53	2 29	2 46	17 34	0 45	22 58	0 41	23 13	17 3	8 45	8 21	13 23		n.a.
M17	17 23	27 27	5 14	23 25	2 4	10 25	1 9	14 34	1 7	15 13	0 53	2 29	2 46	17 34	0 45	22 58	0 41	23 13	17 3	8 44	8 20	13 26		n.a.
T 18	17 39	24 49	5 9	23 45	2 6	10 52	1 7	14 23	1 5	15 11	0 53	2 30	2 46	17 34	0 45	22 58	0 41	23 13	17 4	8 43	8 18	13 29		n.a.
W19	17 54	20 52	4 47	24 3	2 6	11 20	1 5	14 13	1 3	15 9	0 53	2 31	2 45	17 33	0 45	22 58	0 41	23 13	17 4	8 42	8 17	13 33		n.a.
T 20	18 10	15 46	4 10	24 19	2 5	11 47	1 3	14 3	1 1	15 7	0 53	2 31	2 45	17 33	0 45	22 58	0 41	23 13	17 4	8 43	8 16	13 36		n.a.
F 21	18 25	9 44	3 17	24 33	2 4	12 14	1 1	13 52	0 59	15 5	0 53	2 32	2 45	17 33	0 45	22 58	0 41	23 13	17 5	8 43	8 15	13 39		n.a.
S 22	18 40	3 3	2 11	24 45	2 3	12 40	0 59	13 41	0 58	15 3	0 53	2 33	2 45	17 32	0 45	22 58	0 41	23 13	17 5	8 43	8 14	13 42		n.a.
S 23	18 55	3n57	0 55	24 54	2 0	13 7	0 57	13 30	0 56	15 1	0 52	2 33	2 44	17 32	0 45	22 58	0 41	23 13	17 5	8 44	8 12	13 45		n.a.
M24	19 9	10 53	0n26	25 1	1 57	13 32	0 55	13 19	0 54	14 58	0 52	2 33	2 44	17 32	0 45	22 58	0 41	23 13	17 6	8 44	8 11	13 48		n.a.
T 25	19 23	17 18	1 46	25 7	1 54	13 58	0 53	13 8	0 52	14 56	0 52	2 34	2 44	17 31	0 45	22 58	0 41	23 13	17 6	8 44	8 10	13 51		n.a.
W26	19 37	22 40	2 59	25 10	1 49	14 23	0 51	12 57	0 51	14 54	0 52	2 34	2 44	17 31	0 45	22 58	0 41	23 14	17 6	8 42	8 9	13 54		n.a.
T 27	19 50	26 29	3 59	25 12	1 45	14 48	0 49	12 46	0 49	14 52	0 52	2 35	2 43	17 30	0 45	22 57	0 41	23 14	17 7	8 41	8 7	13 57		n.a.
F 28	20 3	28 26	4 42	25 12	1 39	15 13	0 47	12 34	0 47	14 50	0 52	2 35	2 43	17 30	0 45	22 57	0 41	23 14	17 7	8 39	8 6	14 1		n.a.
S 29	20 16	28 23	5 6	25 10	1 33	15 37	0 45	12 23	0 46	14 48	0 51	2 35	2 43	17 29	0 45	22 57	0 41	23 14	17 8	8 37	8 5	14 4		n.a.
S 30	20 28	26 30	5 11	25 7	1 26	16 1	0 42	12 11	0 44	14 46	0 51	2 35	2 43	17 29	0 45	22 57	0 41	23 14	17 8	8 35	8 4	14 7		n.a.
M31	20n40	23n10	4n58	25n 3	1n19	16n25	0s40	11n59	0n42	14s44	0n51	2n36	2n42	17n28	0n45	22s57	0n41	23s14	17s 8	8n34	8n 3	14s10		n.a.

Julian Day Number = 1488148.5, Delta T = 05h16m59s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'39, Lahiri = -12°46'38 Julian Calendar 1 May 639 BCE == Greg. Calendar 24 Apr. 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

JUNE 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 8 53	2♊ 4'37	21♌33	27♊35	17♉53	1♍20	11°R33	29°R42	14♌23	24°R10	11♓ 5	21°R38	20♈15	4♏ 5	n.a.	T 1
W 2	16 12 50	3° 1'43	4♍10	28°47	19° 6	1°49	11♏26	29♍41	14°24	24♐ 8	11° 6	21°D37	20°12	4°12	n.a.	W 2
T 3	16 16 46	3°58'48	16°28	29°57	20°20	2°19	11°20	29°40	14°26	24° 7	11° 6	21♈38	20° 9	4°19	n.a.	T 3
F 4	16 20 43	4°55'54	28°31	1♋ 3	21°33	2°49	11°13	29°39	14°28	24° 5	11° 6	21°40	20° 6	4°25	n.a.	F 4
S 5	16 24 40	5°52'59	10♎24	2° 7	22°46	3°19	11° 7	29°39	14°30	24° 4	11° 7	21°41	20° 3	4°32	n.a.	S 5
S 6	16 28 36	6°50'05	22°12	3° 7	24° 0	3°49	11° 1	29°38	14°32	24° 2	11° 7	21°R41	20° 0	4°39	n.a.	S 6
M 7	16 32 33	7°47'11	3♏59	4° 5	25°13	4°20	10°54	29°38	14°34	24° 1	11° 7	21°41	19°56	4°45	n.a.	M 7
T 8	16 36 29	8°44'17	15°49	4°59	26°26	4°51	10°48	29°38	14°36	23°59	11° 7	21°38	19°53	4°52	n.a.	T 8
W 9	16 40 26	9°41'23	27°45	5°51	27°40	5°22	10°43	29°37	14°38	23°58	11° 8	21°33	19°50	4°58	n.a.	W 9
T 10	16 44 22	10°38'30	9♐48	6°38	28°53	5°53	10°37	29°37	14°40	23°56	11° 8	21°26	19°47	5° 5	n.a.	T 10
F 11	16 48 19	11°35'37	22° 1	7°23	0♊ 7	6°25	10°31	29°D37	14°42	23°55	11° 8	21°18	19°44	5°12	n.a.	F 11
S 12	16 52 15	12°32'45	4♑24	8° 3	1°20	6°56	10°26	29°37	14°44	23°53	11° 8	21° 9	19°40	5°18	n.a.	S 12
S 13	16 56 12	13°29'53	16°58	8°40	2°34	7°28	10°20	29°38	14°46	23°51	11° 8	21° 0	19°37	5°25	n.a.	S 13
M14	17 0 9	14°27'02	29°45	9°13	3°47	8° 0	10°15	29°38	14°49	23°50	11° 8	20°52	19°34	5°32	n.a.	M14
T 15	17 4 5	15°24'12	12♒44	9°41	5° 1	8°33	10°10	29°38	14°51	23°48	11° 8	20°45	19°31	5°38	n.a.	T 15
W16	17 8 2	16°21'22	25°57	10° 6	6°14	9° 5	10° 5	29°39	14°53	23°47	11° 8	20°41	19°28	5°45	n.a.	W16
T 17	17 11 58	17°18'34	9♓25	10°25	7°28	9°38	10° 0	29°39	14°56	23°45	11° 9	20°39	19°25	5°52	n.a.	T 17
F 18	17 15 55	18°15'46	23°10	10°41	8°42	10°11	9°56	29°40	14°58	23°43	11°R 9	20°D39	19°21	5°58	n.a.	F 18
S 19	17 19 51	19°13'00	7♈12	10°51	9°55	10°44	9°51	29°41	15° 1	23°42	11° 9	20°40	19°18	6° 5	n.a.	S 19
S 20	17 23 48	20°10'14	21°31	10°57	11° 9	11°18	9°47	29°42	15° 3	23°40	11° 8	20°R40	19°15	6°12	n.a.	S 20
M21	17 27 45	21° 7'30	6♉ 4	10°R58	12°23	11°51	9°43	29°43	15° 6	23°39	11° 8	20°39	19°12	6°18	n.a.	M21
T 22	17 31 41	22° 4'46	20°49	10°54	13°36	12°25	9°39	29°44	15° 8	23°37	11° 8	20°36	19° 9	6°25	n.a.	T 22
W23	17 35 38	23° 2'04	5♊39	10°44	14°50	12°59	9°35	29°45	15°11	23°35	11° 8	20°31	19° 6	6°32	n.a.	W23
T 24	17 39 34	23°59'23	20°27	10°30	16° 4	13°33	9°31	29°46	15°14	23°34	11° 8	20°23	19° 2	6°38	n.a.	T 24
F 25	17 43 31	24°56'43	5♋ 4	10°11	17°18	14° 8	9°28	29°47	15°16	23°32	11° 8	20°14	18°59	6°45	n.a.	F 25
S 26	17 47 27	25°54'03	19°24	9°47	18°32	14°42	9°25	29°49	15°19	23°30	11° 8	20° 3	18°56	6°52	n.a.	S 26
S 27	17 51 24	26°51'25	3♌19	9°19	19°46	15°17	9°21	29°50	15°22	23°29	11° 8	19°54	18°53	6°58	n.a.	S 27
M28	17 55 20	27°48'47	16°49	8°46	20°59	15°52	9°19	29°52	15°25	23°27	11° 8	19°46	18°50	7° 5	n.a.	M28
T 29	17 59 17	28°46'10	29°52	8° 9	22°13	16°27	9°16	29°54	15°28	23°26	11° 7	19°40	18°46	7°12	n.a.	T 29
W30	18 3 14	29♊43'34	12♍31	7♋29	23♊27	17♍ 2	9♏13	29♍55	15♌31	23♐24	11♓ 7	19♈37	18♈43	7♏18	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n52	18n46	4n30	24n57	1n11	16n48	0s38	11n47	0n41	14s42	0n51	2n36	2n42	17n28	0n45	22s57	0n41	23s14	17s 9	8n33	8n 1	14s13		n.a.
W 2	21 3	13 40	3 50	24 49	1 3	17 10	0 36	11 35	0 39	14 40	0 51	2 36	2 42	17 27	0 45	22 57	0 41	23 15	17 9	8 33	8 0	14 16		n.a.
T 3	21 14	8 10	3 0	24 41	0 54	17 33	0 33	11 23	0 38	14 39	0 50	2 36	2 42	17 27	0 45	22 57	0 41	23 15	17 9	8 33	7 59	14 19		n.a.
F 4	21 25	2 28	2 2	24 31	0 45	17 54	0 31	11 10	0 36	14 37	0 50	2 36	2 41	17 26	0 45	22 57	0 41	23 15	17 10	8 33	7 58	14 22		n.a.
S 5	21 35	3s15	1 1	24 20	0 35	18 16	0 29	10 58	0 35	14 35	0 50	2 36	2 41	17 25	0 45	22 57	0 41	23 15	17 10	8 34	7 57	14 25		n.a.
S 6	21 45	8 48	0s 3	24 9	0 25	18 37	0 26	10 45	0 33	14 33	0 50	2 36	2 41	17 25	0 45	22 57	0 41	23 15	17 10	8 34	7 55	14 28		n.a.
M 7	21 55	14 4	1 6	23 56	0 14	18 57	0 24	10 33	0 32	14 31	0 50	2 36	2 41	17 24	0 45	22 57	0 41	23 16	17 11	8 34	7 54	14 32		n.a.
T 8	22 4	18 49	2 7	23 43	0 3	19 17	0 21	10 20	0 30	14 30	0 49	2 36	2 40	17 24	0 45	22 57	0 41	23 16	17 11	8 33	7 53	14 35		n.a.
W 9	22 13	22 53	3 2	23 29	0s 9	19 36	0 19	10 7	0 29	14 28	0 49	2 36	2 40	17 23	0 45	22 57	0 41	23 16	17 11	8 31	7 52	14 38		n.a.
T 10	22 21	26 1	3 50	23 15	0 21	19 55	0 17	9 54	0 27	14 26	0 49	2 35	2 40	17 22	0 45	22 57	0 41	23 16	17 12	8 28	7 50	14 41		n.a.
F 11	22 29	27 59	4 28	23 0	0 34	20 14	0 14	9 41	0 26	14 25	0 49	2 35	2 40	17 22	0 44	22 57	0 41	23 17	17 12	8 25	7 49	14 44		n.a.
S 12	22 37	28 35	4 53	22 45	0 47	20 32	0 12	9 28	0 24	14 23	0 48	2 35	2 39	17 21	0 44	22 56	0 41	23 17	17 13	8 22	7 48	14 47		n.a.
S 13	22 44	27 44	5 5	22 30	1 0	20 49	0 9	9 14	0 23	14 22	0 48	2 35	2 39	17 20	0 44	22 56	0 41	23 17	17 13	8 18	7 47	14 50		n.a.
M14	22 51	25 25	5 2	22 14	1 13	21 5	0 7	9 1	0 21	14 20	0 48	2 34	2 39	17 19	0 44	22 56	0 41	23 18	17 13	8 15	7 46	14 53		n.a.
T 15	22 58	21 45	4 44	21 58	1 27	21 22	0 4	8 47	0 20	14 19	0 48	2 34	2 39	17 19	0 44	22 56	0 41	23 18	17 14	8 13	7 44	14 56		n.a.
W16	23 4	16 58	4 10	21 42	1 41	21 37	0 2	8 34	0 19	14 18	0 48	2 33	2 38	17 18	0 44	22 56	0 41	23 18	17 14	8 11	7 43	14 59		n.a.
T 17	23 10	11 16	3 22	21 27	1 55	21 52	0n 0	8 20	0 17	14 16	0 47	2 33	2 38	17 17	0 44	22 56	0 41	23 19	17 14	8 11	7 42	15 2		n.a.
F 18	23 15	4 55	2 22	21 12	2 9	22 6	0 3	8 6	0 16	14 15	0 47	2 32	2 38	17 17	0 44	22 56	0 41	23 19	17 15	8 10	7 41	15 5		n.a.
S 19	23 20	1n48	1 12	20 57	2 23	22 20	0 5	7 52	0 15	14 14	0 47	2 32	2 37	17 16	0 44	22 56	0 41	23 19	17 15	8 11	7 40	15 8		n.a.
S 20	23 24	8 34	0n 4	20 42	2 37	22 33	0 8	7 38	0 13	14 13	0 47	2 31	2 37	17 15	0 44	22 56	0 41	23 20	17 16	8 11	7 38	15 11		n.a.
M21	23 28	15 1	1 21	20 28	2 51	22 46	0 10	7 24	0 12	14 12	0 46	2 31	2 37	17 14	0 44	22 56	0 41	23 20	17 16	8 11	7 37	15 14		n.a.
T 22	23 32	20 41	2 34	20 15	3 5	22 57	0 12	7 10	0 11	14 11	0 46	2 30	2 37	17 13	0 44	22 56	0 41	23 20	17 16	8 9	7 36	15 17		n.a.
W23	23 35	25 5	3 36	20 2	3 18	23 9	0 15	6 55	0 9	14 10	0 46	2 29	2 36	17 13	0 44	22 56	0 41	23 21	17 17	8 7	7 35	15 20		n.a.
T 24	23 38	27 48	4 23	19 51	3 31	23 19	0 17	6 41	0 8	14 9	0 46	2 29	2 36	17 12	0 44	22 56	0 41	23 21	17 17	8 4	7 33	15 23		n.a.
F 25	23 41	28 33	4 53	19 40	3 43	23 29	0 19	6 26	0 7	14 8	0 45	2 28	2 36	17 11	0 44	22 56	0 41	23 21	17 17	8 1	7 32	15 26		n.a.
S 26	23 43	27 21	5 3	19 30	3 55	23 38	0 22	6 11	0 6	14 7	0 45	2 27	2 36	17 10	0 44	22 56	0 41	23 22	17 18	7 57	7 31	15 29		n.a.
S 27	23 44	24 28	4 55	19 22	4 5	23 46	0 24	5 57	0 4	14 6	0 45	2 26	2 35	17 9	0 44	22 55	0 41	23 22	17 18	7 53	7 30	15 32		n.a.
M28	23 45	20 18	4 31	19 15	4 15	23 54	0 26	5 42	0 3	14 6	0 45	2 25	2 35	17 8	0 44	22 55	0 41	23 23	17 18	7 50	7 29	15 35		n.a.
T 29	23 46	15 18	3 52	19 9	4 23	24 1	0 29	5 27	0 2	14 5	0 44	2 24	2 35	17 7	0 44	22 55	0 41	23 23	17 19	7 48	7 27	15 39		n.a.
W30	23n46	9n47	3n 4	19n 4	4s30	24n 7	0n31	5n12	0n 1	14s 4	0n44	2n23	2n35	17n 7	0n44	22s55	0n41	23s23	17s19	7n47	7n26	15s42		n.a.

Julian Day Number = 1488179.5, Delta T = 05h16m57s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'35, Lahiri = -12°46'34 Julian Calendar 1 June 639 BCE == Greg. Calendar 25 May 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

JULY 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 7 10	0♋40'58	24♍49	6°R46	24♊41	17♍37	9°R11	29♍57	15♌33	23°R22	11°R 7	19°R36	18♈40	7♏25	n.a.	T 1
F 2	18 11 7	1°38'23	6♎52	6♋ 1	25°55	18°13	9♏ 9	29°59	15°36	23♐21	11♓ 7	19°D36	18°37	7°32	n.a.	F 2
S 3	18 15 3	2°35'50	18°45	5°14	27° 9	18°49	9° 6	0♎ 1	15°39	23°19	11° 6	19°R36	18°34	7°38	n.a.	S 3
S 4	18 19 0	3°33'17	0♏33	4°27	28°23	19°25	9° 5	0° 4	15°42	23°18	11° 6	19♈36	18°31	7°45	n.a.	S 4
M 5	18 22 56	4°30'45	12°22	3°41	29°37	20° 1	9° 3	0° 6	15°45	23°16	11° 6	19°33	18°27	7°51	n.a.	M 5
T 6	18 26 53	5°28'14	24°16	2°55	0♋51	20°37	9° 1	0° 8	15°49	23°14	11° 5	19°29	18°24	7°58	n.a.	T 6
W 7	18 30 49	6°25'45	6♐18	2°11	2° 5	21°13	9° 0	0°11	15°52	23°13	11° 5	19°22	18°21	8° 5	n.a.	W 7
T 8	18 34 46	7°23'16	18°31	1°31	3°19	21°50	8°59	0°13	15°55	23°11	11° 4	19°12	18°18	8°11	n.a.	T 8
F 9	18 38 43	8°20'49	0♑57	0°54	4°34	22°27	8°58	0°16	15°58	23°10	11° 4	19° 0	18°15	8°18	n.a.	F 9
S 10	18 42 39	9°18'23	13°37	0°22	5°48	23° 3	8°57	0°19	16° 1	23° 8	11° 4	18°48	18°12	8°25	n.a.	S 10
S 11	18 46 36	10°15'59	26°31	29♊54	7° 2	23°40	8°57	0°21	16° 4	23° 7	11° 3	18°35	18° 8	8°31	n.a.	S 11
M12	18 50 32	11°13'36	9♒37	29°33	8°16	24°18	8°56	0°24	16° 8	23° 5	11° 3	18°24	18° 5	8°38	n.a.	M12
T 13	18 54 29	12°11'14	22°54	29°18	9°30	24°55	8°56	0°27	16°11	23° 4	11° 2	18°15	18° 2	8°45	n.a.	T 13
W14	18 58 25	13° 8'54	6♓23	29°10	10°44	25°32	8°D56	0°30	16°14	23° 2	11° 2	18° 8	17°59	8°51	n.a.	W14
T 15	19 2 22	14° 6'36	20° 1	29°D 9	11°59	26°10	8°56	0°33	16°18	23° 1	11° 1	18° 5	17°56	8°58	n.a.	T 15
F 16	19 6 19	15° 4'19	3♈49	29°15	13°13	26°48	8°57	0°37	16°21	22°59	11° 0	18° 3	17°52	9° 5	n.a.	F 16
S 17	19 10 15	16° 2'05	17°47	29°29	14°27	27°25	8°57	0°40	16°24	22°58	11° 0	18° 3	17°49	9°11	n.a.	S 17
S 18	19 14 12	16°59'52	1♉55	29°50	15°42	28° 3	8°58	0°43	16°28	22°56	10°59	18° 3	17°46	9°18	n.a.	S 18
M19	19 18 8	17°57'41	16°12	0♋19	16°56	28°42	8°59	0°47	16°31	22°55	10°59	18° 1	17°43	9°25	n.a.	M19
T 20	19 22 5	18°55'32	0♊35	0°56	18°10	29°20	9° 0	0°50	16°35	22°53	10°58	17°57	17°40	9°31	n.a.	T 20
W21	19 26 1	19°53'25	15° 2	1°40	19°25	29°58	9° 1	0°54	16°38	22°52	10°57	17°51	17°37	9°38	n.a.	W21
T 22	19 29 58	20°51'20	29°26	2°31	20°39	0♎37	9° 3	0°58	16°42	22°50	10°57	17°41	17°33	9°45	n.a.	T 22
F 23	19 33 54	21°49'17	13♋43	3°29	21°54	1°15	9° 4	1° 2	16°45	22°49	10°56	17°30	17°30	9°51	n.a.	F 23
S 24	19 37 51	22°47'16	27°46	4°34	23° 8	1°54	9° 6	1° 5	16°49	22°48	10°55	17°18	17°27	9°58	n.a.	S 24
S 25	19 41 48	23°45'16	11♌30	5°45	24°23	2°33	9° 8	1° 9	16°52	22°46	10°55	17° 7	17°24	10° 5	n.a.	S 25
M26	19 45 44	24°43'17	24°53	7° 2	25°37	3°12	9°10	1°13	16°56	22°45	10°54	16°57	17°21	10°11	n.a.	M26
T 27	19 49 41	25°41'21	7♍52	8°25	26°52	3°52	9°13	1°18	16°59	22°44	10°53	16°49	17°18	10°18	n.a.	T 27
W28	19 53 37	26°39'25	20°29	9°53	28° 6	4°31	9°15	1°22	17° 3	22°42	10°52	16°44	17°14	10°25	n.a.	W28
T 29	19 57 34	27°37'32	2♎48	11°26	29°21	5°10	9°18	1°26	17° 7	22°41	10°52	16°42	17°11	10°31	n.a.	T 29
F 30	20 1 30	28°35'40	14°51	13° 3	0♌35	5°50	9°21	1°30	17°10	22°40	10°51	16°D41	17° 8	10°38	n.a.	F 30
S 31	20 5 27	29♋33'49	26♎45	14♋44	1♌50	6♎30	9♏24	1♎35	17♌14	22♐39	10♓50	16°R42	17♈ 5	10♏45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n46	4n 2	2n 8	19n 1	4s35	24n13	0n33	4n57	0s 1	14s 4	0n44	2n22	2n34	17n 6	0n44	22s55	0n41	23s24	17s19	7n46	7n25	15s45		n.a.
F 2	23 46	1s44	1 7	19 0	4 39	24 18	0 35	4 42	0 2	14 3	0 44	2 21	2 34	17 5	0 44	22 55	0 41	23 24	17 20	7 46	7 24	15 48		n.a.
S 3	23 45	7 23	0 5	19 0	4 41	24 22	0 37	4 26	0 3	14 3	0 43	2 20	2 34	17 4	0 44	22 55	0 41	23 25	17 20	7 46	7 22	15 51		n.a.
S 4	23 44	12 44	0s58	19 1	4 41	24 25	0 39	4 11	0 4	14 2	0 43	2 19	2 34	17 3	0 44	22 55	0 41	23 25	17 21	7 46	7 21	15 54		n.a.
M 5	23 42	17 38	1 58	19 4	4 39	24 28	0 41	3 56	0 5	14 2	0 43	2 18	2 33	17 2	0 44	22 55	0 41	23 26	17 21	7 45	7 20	15 56		n.a.
T 6	23 40	21 53	2 53	19 9	4 36	24 30	0 44	3 40	0 6	14 2	0 43	2 17	2 33	17 1	0 44	22 55	0 41	23 26	17 21	7 44	7 19	15 59		n.a.
W 7	23 37	25 17	3 41	19 15	4 31	24 31	0 46	3 25	0 8	14 2	0 42	2 15	2 33	17 0	0 44	22 55	0 41	23 26	17 22	7 41	7 18	16 2		n.a.
T 8	23 34	27 34	4 19	19 22	4 24	24 31	0 47	3 9	0 9	14 2	0 42	2 14	2 32	16 59	0 44	22 55	0 41	23 27	17 22	7 37	7 16	16 5		n.a.
F 9	23 30	28 32	4 46	19 31	4 15	24 31	0 49	2 53	0 10	14 1	0 42	2 13	2 32	16 58	0 44	22 55	0 41	23 27	17 22	7 33	7 15	16 8		n.a.
S 10	23 27	28 2	4 59	19 41	4 5	24 30	0 51	2 38	0 11	14 1	0 42	2 12	2 32	16 57	0 44	22 55	0 41	23 28	17 23	7 28	7 14	16 11		n.a.
S 11	23 22	26 1	4 58	19 53	3 54	24 28	0 53	2 22	0 12	14 1	0 41	2 10	2 32	16 56	0 44	22 55	0 41	23 28	17 23	7 23	7 13	16 14		n.a.
M12	23 18	22 35	4 40	20 5	3 41	24 26	0 55	2 6	0 13	14 2	0 41	2 9	2 31	16 55	0 44	22 55	0 41	23 29	17 23	7 19	7 11	16 17		n.a.
T 13	23 12	17 58	4 8	20 19	3 27	24 22	0 57	1 50	0 14	14 2	0 41	2 7	2 31	16 54	0 44	22 54	0 41	23 29	17 23	7 15	7 10	16 20		n.a.
W14	23 7	12 24	3 21	20 33	3 13	24 18	0 58	1 34	0 15	14 2	0 41	2 6	2 31	16 53	0 44	22 54	0 41	23 30	17 24	7 13	7 9	16 23		n.a.
T 15	23 1	6 11	2 22	20 49	2 57	24 13	1 0	1 18	0 16	14 2	0 40	2 4	2 31	16 52	0 44	22 54	0 41	23 30	17 24	7 11	7 8	16 26		n.a.
F 16	22 55	0n24	1 15	21 5	2 41	24 8	1 2	1 2	0 17	14 3	0 40	2 3	2 31	16 51	0 44	22 54	0 41	23 31	17 24	7 11	7 6	16 29		n.a.
S 17	22 48	7 3	0 1	21 21	2 25	24 2	1 3	0 45	0 18	14 3	0 40	2 1	2 30	16 50	0 44	22 54	0 41	23 31	17 25	7 11	7 5	16 32		n.a.
S 18	22 41	13 26	1n13	21 38	2 8	23 55	1 5	0 29	0 19	14 3	0 40	2 0	2 30	16 49	0 44	22 54	0 41	23 32	17 25	7 11	7 4	16 35		n.a.
M19	22 33	19 11	2 23	21 55	1 52	23 47	1 6	0 13	0 20	14 4	0 40	1 58	2 30	16 48	0 44	22 54	0 41	23 32	17 25	7 10	7 3	16 38		n.a.
T 20	22 25	23 53	3 24	22 11	1 35	23 38	1 8	0s 3	0 21	14 5	0 39	1 57	2 30	16 47	0 44	22 54	0 41	23 33	17 26	7 8	7 2	16 41		n.a.
W21	22 17	27 7	4 13	22 28	1 18	23 29	1 9	0 20	0 22	14 5	0 39	1 55	2 29	16 46	0 44	22 54	0 41	23 33	17 26	7 6	7 0	16 44		n.a.
T 22	22 8	28 32	4 46	22 43	1 2	23 19	1 11	0 36	0 23	14 6	0 39	1 53	2 29	16 45	0 43	22 54	0 41	23 34	17 26	7 2	6 59	16 47		n.a.
F 23	21 59	28 1	5 0	22 58	0 46	23 9	1 12	0 53	0 24	14 7	0 39	1 51	2 29	16 43	0 43	22 54	0 41	23 34	17 27	6 58	6 58	16 50		n.a.
S 24	21 49	25 43	4 55	23 11	0 31	22 58	1 13	1 9	0 25	14 8	0 38	1 50	2 29	16 42	0 43	22 54	0 41	23 35	17 27	6 53	6 57	16 53		n.a.
S 25	21 39	21 57	4 34	23 23	0 16	22 46	1 14	1 26	0 26	14 8	0 38	1 48	2 28	16 41	0 43	22 54	0 41	23 36	17 27	6 49	6 55	16 56		n.a.
M26	21 29	17 8	3 58	23 34	0 1	22 33	1 15	1 42	0 27	14 9	0 38	1 46	2 28	16 40	0 43	22 54	0 41	23 36	17 27	6 45	6 54	16 58		n.a.
T 27	21 18	11 40	3 10	23 42	0n12	22 20	1 16	1 59	0 28	14 10	0 38	1 44	2 28	16 39	0 43	22 54	0 41	23 37	17 28	6 42	6 53	17 1		n.a.
W28	21 7	5 52	2 14	23 49	0 25	22 6	1 17	2 16	0 29	14 11	0 37	1 42	2 28	16 38	0 43	22 54	0 41	23 37	17 28	6 40	6 52	17 4		n.a.
T 29	20 56	0s 1	1 13	23 53	0 37	21 51	1 18	2 33	0 30	14 13	0 37	1 40	2 28	16 37	0 43	22 54	0 41	23 38	17 28	6 39	6 50	17 7		n.a.
F 30	20 44	5 47	0 10	23 55	0 48	21 36	1 19	2 49	0 31	14 14	0 37	1 38	2 27	16 36	0 43	22 54	0 41	23 38	17 28	6 39	6 49	17 10		n.a.
S 31	20n32	11s17	0s53	23n54	0n58	21n20	1n20	3s 6	0s32	14s15	0n37	1n36	2n27	16n35	0n43	22s54	0n41	23s39	17s29	6n39	6n48	17s13		n.a.

Julian Day Number = 1488209.5, Delta T = 05h16m56s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'30, Lahiri = -12°46'30 Julian Calendar 1 July 639 BCE == Greg. Calendar 24 June 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

AUGUST 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 9 23	0♌32'00	8♏34	16♋28	3♌ 4	7♎ 9	9♏27	1♎39	17♌17	22°R38	10°R49	16°R41	17♈ 2	10♏51	n.a.	S 1
M 2	20 13 20	1°30'13	20°24	18°15	4°19	7°49	9°31	1°44	17°21	22♐36	10♓48	16♈40	16°58	10°58	n.a.	M 2
T 3	20 17 16	2°28'27	2♐20	20° 4	5°34	8°30	9°34	1°48	17°25	22°35	10°47	16°36	16°55	11° 5	n.a.	T 3
W 4	20 21 13	3°26'44	14°27	21°55	6°48	9°10	9°38	1°53	17°29	22°34	10°46	16°30	16°52	11°11	n.a.	W 4
T 5	20 25 10	4°25'02	26°48	23°47	8° 3	9°50	9°42	1°58	17°32	22°33	10°46	16°21	16°49	11°18	n.a.	T 5
F 6	20 29 6	5°23'21	9♑26	25°40	9°18	10°30	9°46	2° 3	17°36	22°32	10°45	16°11	16°46	11°25	n.a.	F 6
S 7	20 33 3	6°21'43	22°21	27°35	10°32	11°11	9°51	2° 8	17°40	22°31	10°44	15°59	16°43	11°31	n.a.	S 7
S 8	20 36 59	7°20'06	5♒34	29°29	11°47	11°52	9°55	2°13	17°43	22°30	10°43	15°48	16°39	11°38	n.a.	S 8
M 9	20 40 56	8°18'32	19° 3	1♌24	13° 2	12°32	10° 0	2°18	17°47	22°29	10°42	15°37	16°36	11°44	n.a.	M 9
T 10	20 44 52	9°16'59	2♓45	3°19	14°16	13°13	10° 5	2°23	17°51	22°28	10°41	15°29	16°33	11°51	n.a.	T 10
W11	20 48 49	10°15'29	16°36	5°13	15°31	13°54	10°10	2°28	17°55	22°27	10°40	15°23	16°30	11°58	n.a.	W11
T 12	20 52 45	11°14'00	0♈35	7° 7	16°46	14°35	10°15	2°33	17°59	22°26	10°39	15°20	16°27	12° 4	n.a.	T 12
F 13	20 56 42	12°12'34	14°38	9° 1	18° 1	15°16	10°20	2°38	18° 2	22°25	10°38	15°D19	16°24	12°11	n.a.	F 13
S 14	21 0 39	13°11'11	28°44	10°54	19°15	15°58	10°26	2°44	18° 6	22°24	10°37	15°20	16°20	12°18	n.a.	S 14
S 15	21 4 35	14° 9'49	12♉52	12°46	20°30	16°39	10°31	2°49	18°10	22°23	10°36	15°R20	16°17	12°24	n.a.	S 15
M16	21 8 32	15° 8'30	27° 0	14°37	21°45	17°20	10°37	2°54	18°14	22°22	10°35	15°19	16°14	12°31	n.a.	M16
T 17	21 12 28	16° 7'14	11♊ 7	16°28	23° 0	18° 2	10°43	3° 0	18°17	22°22	10°34	15°17	16°11	12°38	n.a.	T 17
W18	21 16 25	17° 6'00	25°11	18°17	24°15	18°44	10°49	3° 6	18°21	22°21	10°33	15°12	16° 8	12°44	n.a.	W18
T 19	21 20 21	18° 4'49	9♋ 9	20° 6	25°29	19°26	10°55	3°11	18°25	22°20	10°32	15° 5	16° 4	12°51	n.a.	T 19
F 20	21 24 18	19° 3'39	23° 0	21°53	26°44	20° 7	11° 2	3°17	18°29	22°19	10°31	14°56	16° 1	12°58	n.a.	F 20
S 21	21 28 14	20° 2'32	6♌38	23°40	27°59	20°49	11° 8	3°23	18°33	22°19	10°30	14°47	15°58	13° 4	n.a.	S 21
S 22	21 32 11	21° 1'27	20° 2	25°26	29°14	21°32	11°15	3°28	18°36	22°18	10°29	14°37	15°55	13°11	n.a.	S 22
M23	21 36 8	22° 0'25	3♍ 8	27°11	0♍29	22°14	11°22	3°34	18°40	22°17	10°27	14°30	15°52	13°18	n.a.	M23
T 24	21 40 4	22°59'24	15°56	28°55	1°44	22°56	11°29	3°40	18°44	22°17	10°26	14°24	15°49	13°24	n.a.	T 24
W25	21 44 1	23°58'25	28°26	0♍38	2°59	23°39	11°36	3°46	18°48	22°16	10°25	14°20	15°45	13°31	n.a.	W25
T 26	21 47 57	24°57'28	10♎41	2°20	4°13	24°21	11°43	3°52	18°52	22°16	10°24	14°D19	15°42	13°38	n.a.	T 26
F 27	21 51 54	25°56'34	22°43	4° 1	5°28	25° 4	11°51	3°58	18°55	22°15	10°23	14°19	15°39	13°44	n.a.	F 27
S 28	21 55 50	26°55'41	4♏36	5°41	6°43	25°46	11°59	4° 4	18°59	22°15	10°22	14°20	15°36	13°51	n.a.	S 28
S 29	21 59 47	27°54'50	16°25	7°21	7°58	26°29	12° 6	4°10	19° 3	22°14	10°21	14°21	15°33	13°58	n.a.	S 29
M30	22 3 43	28°54'01	28°15	8°59	9°13	27°12	12°14	4°16	19° 7	22°14	10°20	14°R22	15°30	14° 4	n.a.	M30
T 31	22 7 40	29♌53'14	10♐11	10♍37	10♍28	27♎55	12♏22	4♎23	19♌10	22♐13	10♓18	14♈21	15♈26	14♏11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	20n19	16s20	1s53	23n51	1n 7	21n 3	1n21	3s23	0s33	14s16	0n36	1n34	2n27	16n33	0n43	22s53	0n41	23s39	17s29	6n39	6n47	17s16			n.a.
M 2	20 6	20 48	2 49	23 45	1 15	20 46	1 21	3 40	0 34	14 18	0 36	1 32	2 27	16 32	0 43	22 53	0 41	23 40	17 29	6 38	6 46	17 19			n.a.
T 3	19 53	24 28	3 37	23 36	1 22	20 28	1 22	3 57	0 35	14 19	0 36	1 30	2 26	16 31	0 43	22 53	0 40	23 41	17 29	6 37	6 44	17 22			n.a.
W 4	19 39	27 6	4 17	23 25	1 28	20 10	1 23	4 13	0 35	14 20	0 36	1 28	2 26	16 30	0 43	22 53	0 40	23 41	17 30	6 34	6 43	17 25			n.a.
T 5	19 25	28 29	4 45	23 11	1 34	19 51	1 23	4 30	0 36	14 22	0 35	1 26	2 26	16 29	0 43	22 53	0 40	23 42	17 30	6 31	6 42	17 27			n.a.
F 6	19 11	28 25	5 0	22 55	1 38	19 31	1 24	4 47	0 37	14 23	0 35	1 24	2 26	16 28	0 43	22 53	0 40	23 42	17 30	6 27	6 41	17 30			n.a.
S 7	18 57	26 49	5 0	22 36	1 42	19 11	1 24	5 4	0 38	14 25	0 35	1 22	2 26	16 26	0 43	22 53	0 40	23 43	17 30	6 22	6 39	17 33			n.a.
S 8	18 42	23 44	4 44	22 15	1 45	18 50	1 24	5 21	0 39	14 27	0 35	1 20	2 25	16 25	0 43	22 53	0 40	23 43	17 31	6 18	6 38	17 36			n.a.
M 9	18 26	19 19	4 13	21 52	1 47	18 29	1 24	5 38	0 40	14 28	0 35	1 18	2 25	16 24	0 43	22 53	0 40	23 44	17 31	6 14	6 37	17 39			n.a.
T 10	18 11	13 50	3 26	21 26	1 48	18 8	1 25	5 55	0 41	14 30	0 34	1 15	2 25	16 23	0 43	22 53	0 40	23 44	17 31	6 11	6 36	17 42			n.a.
W11	17 55	7 36	2 27	20 59	1 49	17 45	1 25	6 11	0 41	14 32	0 34	1 13	2 25	16 22	0 43	22 53	0 40	23 45	17 31	6 8	6 34	17 45			n.a.
T 12	17 39	0 57	1 18	20 30	1 49	17 23	1 25	6 28	0 42	14 34	0 34	1 11	2 25	16 21	0 43	22 53	0 40	23 46	17 31	6 7	6 33	17 47			n.a.
F 13	17 22	5n48	0 4	19 59	1 48	16 59	1 25	6 45	0 43	14 36	0 34	1 9	2 25	16 19	0 43	22 53	0 40	23 46	17 31	6 7	6 32	17 50			n.a.
S 14	17 6	12 17	1n11	19 27	1 47	16 36	1 25	7 2	0 44	14 38	0 33	1 6	2 24	16 18	0 43	22 53	0 40	23 47	17 32	6 7	6 31	17 53			n.a.
S 15	16 49	18 10	2 22	18 54	1 45	16 12	1 25	7 19	0 44	14 40	0 33	1 4	2 24	16 17	0 43	22 53	0 40	23 47	17 32	6 7	6 29	17 56			n.a.
M16	16 31	23 3	3 23	18 19	1 43	15 47	1 24	7 36	0 45	14 42	0 33	1 2	2 24	16 16	0 43	22 53	0 40	23 48	17 32	6 7	6 28	17 59			n.a.
T 17	16 14	26 36	4 13	17 43	1 40	15 22	1 24	7 53	0 46	14 44	0 33	0 59	2 24	16 15	0 43	22 53	0 40	23 48	17 32	6 6	6 27	18 2			n.a.
W18	15 56	28 28	4 47	17 6	1 37	14 56	1 24	8 9	0 47	14 46	0 33	0 57	2 24	16 14	0 43	22 53	0 40	23 49	17 32	6 4	6 26	18 5			n.a.
T 19	15 37	28 30	5 3	16 28	1 33	14 31	1 23	8 26	0 47	14 48	0 32	0 54	2 24	16 12	0 43	22 53	0 40	23 49	17 32	6 1	6 25	18 7			n.a.
F 20	15 19	26 45	5 2	15 49	1 29	14 4	1 23	8 43	0 48	14 50	0 32	0 52	2 23	16 11	0 43	22 53	0 40	23 50	17 33	5 58	6 23	18 10			n.a.
S 21	15 0	23 26	4 43	15 9	1 25	13 38	1 22	9 0	0 49	14 52	0 32	0 49	2 23	16 10	0 43	22 53	0 40	23 51	17 33	5 54	6 22	18 13			n.a.
S 22	14 41	18 57	4 9	14 29	1 20	13 11	1 22	9 16	0 50	14 55	0 32	0 47	2 23	16 9	0 43	22 53	0 40	23 51	17 33	5 50	6 21	18 16			n.a.
M23	14 22	13 38	3 23	13 48	1 15	12 43	1 21	9 33	0 50	14 57	0 32	0 45	2 23	16 8	0 43	22 53	0 40	23 52	17 33	5 47	6 20	18 19			n.a.
T 24	14 3	7 52	2 27	13 7	1 10	12 15	1 20	9 50	0 51	15 0	0 31	0 42	2 23	16 6	0 43	22 53	0 40	23 52	17 33	5 45	6 18	18 21			n.a.
W25	13 43	1 55	1 25	12 25	1 5	11 47	1 20	10 6	0 52	15 2	0 31	0 39	2 23	16 5	0 43	22 53	0 40	23 53	17 33	5 44	6 17	18 24			n.a.
T 26	13 23	3s59	0 20	11 43	0 59	11 19	1 19	10 23	0 52	15 4	0 31	0 37	2 22	16 4	0 43	22 53	0 40	23 53	17 33	5 43	6 16	18 27			n.a.
F 27	13 3	9 39	0s45	11 0	0 53	10 50	1 18	10 39	0 53	15 7	0 31	0 34	2 22	16 3	0 43	22 53	0 40	23 54	17 33	5 43	6 15	18 30			n.a.
S 28	12 43	14 55	1 47	10 17	0 47	10 21	1 17	10 56	0 54	15 9	0 31	0 32	2 22	16 2	0 43	22 53	0 40	23 54	17 34	5 44	6 13	18 33			n.a.
S 29	12 22	19 36	2 45	9 34	0 41	9 52	1 16	11 12	0 54	15 12	0 30	0 29	2 22	16 0	0 43	22 53	0 40	23 55	17 34	5 44	6 12	18 35			n.a.
M30	12 1	23 32	3 35	8 51	0 35	9 23	1 15	11 28	0 55	15 15	0 30	0 27	2 22	15 59	0 43	22 53	0 40	23 55	17 34	5 45	6 11	18 38			n.a.
T 31	11n40	26s31	4s17	8n 8	0n28	8n53	1n14	11s45	0s56	15s17	0n30	0n24	2n22	15n58	0n43	22s53	0n40	23s56	17s34	5n44	6n10	18s41			n.a.

Julian Day Number = 1488240.5, Delta T = 05h16m54s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'26, Lahiri = -12°46'26 Julian Calendar 1 Aug. 639 BCE == Greg. Calendar 25 July 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

SEPTEMBER 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 11 36	0♍52'29	22♐19	12♍14	11♍43	28♎38	12♏30	4♎29	19♌14	22°R13	10°R17	14°R19	15♈23	14♏18	n.a.	W 1
T 2	22 15 33	1°51'46	4♑42	13°50	12°58	29°21	12°39	4°35	19°18	22♐13	10♓16	14♈15	15°20	14°24	n.a.	T 2
F 3	22 19 30	2°51'05	17°25	15°25	14°13	0♏ 4	12°47	4°41	19°22	22°13	10°15	14° 9	15°17	14°31	n.a.	F 3
S 4	22 23 26	3°50'26	0♒30	16°59	15°28	0°48	12°55	4°48	19°25	22°12	10°14	14° 2	15°14	14°38	n.a.	S 4
S 5	22 27 23	4°49'48	13°56	18°33	16°43	1°31	13° 4	4°54	19°29	22°12	10°13	13°56	15°10	14°44	n.a.	S 5
M 6	22 31 19	5°49'13	27°44	20° 6	17°57	2°14	13°13	5° 1	19°33	22°12	10°12	13°50	15° 7	14°51	n.a.	M 6
T 7	22 35 16	6°48'40	11♓49	21°38	19°12	2°58	13°22	5° 7	19°36	22°12	10°10	13°45	15° 4	14°58	n.a.	T 7
W 8	22 39 12	7°48'09	26° 7	23° 9	20°27	3°42	13°31	5°14	19°40	22°12	10° 9	13°42	15° 1	15° 4	n.a.	W 8
T 9	22 43 9	8°47'40	10♈32	24°40	21°42	4°25	13°40	5°20	19°44	22°11	10° 8	13°D41	14°58	15°11	n.a.	T 9
F 10	22 47 5	9°47'14	25° 0	26°10	22°57	5° 9	13°49	5°27	19°47	22°11	10° 7	13°41	14°55	15°18	n.a.	F 10
S 11	22 51 2	10°46'50	9♉26	27°39	24°12	5°53	13°59	5°33	19°51	22°D11	10° 6	13°42	14°51	15°24	n.a.	S 11
S 12	22 54 59	11°46'28	23°46	29° 8	25°27	6°37	14° 8	5°40	19°55	22°11	10° 5	13°44	14°48	15°31	n.a.	S 12
M13	22 58 55	12°46'09	7♊58	0♎36	26°42	7°21	14°18	5°47	19°58	22°11	10° 3	13°R45	14°45	15°38	n.a.	M13
T 14	23 2 52	13°45'53	21°59	2° 3	27°57	8° 5	14°27	5°53	20° 2	22°12	10° 2	13°45	14°42	15°44	n.a.	T 14
W15	23 6 48	14°45'39	5♋49	3°29	29°12	8°49	14°37	6° 0	20° 5	22°12	10° 1	13°43	14°39	15°51	n.a.	W15
T 16	23 10 45	15°45'27	19°28	4°54	0♎27	9°33	14°47	6° 7	20° 9	22°12	10° 0	13°40	14°36	15°58	n.a.	T 16
F 17	23 14 41	16°45'18	2♌53	6°19	1°42	10°18	14°57	6°14	20°12	22°12	9°59	13°36	14°32	16° 4	n.a.	F 17
S 18	23 18 38	17°45'10	16° 6	7°43	2°56	11° 2	15° 7	6°21	20°16	22°12	9°58	13°32	14°29	16°11	n.a.	S 18
S 19	23 22 34	18°45'05	29° 5	9° 5	4°11	11°47	15°18	6°27	20°19	22°12	9°56	13°28	14°26	16°18	n.a.	S 19
M20	23 26 31	19°45'03	11♍50	10°27	5°26	12°31	15°28	6°34	20°23	22°13	9°55	13°25	14°23	16°24	n.a.	M20
T 21	23 30 28	20°45'02	24°22	11°48	6°41	13°16	15°38	6°41	20°26	22°13	9°54	13°22	14°20	16°31	n.a.	T 21
W22	23 34 24	21°45'03	6♎41	13° 8	7°56	14° 0	15°49	6°48	20°29	22°13	9°53	13°21	14°16	16°38	n.a.	W22
T 23	23 38 21	22°45'06	18°48	14°27	9°11	14°45	16° 0	6°55	20°33	22°14	9°52	13°D21	14°13	16°44	n.a.	T 23
F 24	23 42 17	23°45'11	0♏46	15°44	10°26	15°30	16°10	7° 2	20°36	22°14	9°51	13°22	14°10	16°51	n.a.	F 24
S 25	23 46 14	24°45'18	12°37	17° 1	11°41	16°15	16°21	7° 9	20°39	22°15	9°50	13°23	14° 7	16°58	n.a.	S 25
S 26	23 50 10	25°45'27	24°25	18°15	12°56	17° 0	16°32	7°16	20°43	22°15	9°48	13°25	14° 4	17° 4	n.a.	S 26
M27	23 54 7	26°45'38	6♐14	19°28	14°11	17°45	16°43	7°23	20°46	22°16	9°47	13°26	14° 1	17°11	n.a.	M27
T 28	23 58 3	27°45'50	18° 9	20°40	15°26	18°30	16°54	7°30	20°49	22°16	9°46	13°27	13°57	17°18	n.a.	T 28
W29	0 2 0	28°46'04	0♑15	21°49	16°41	19°15	17° 6	7°37	20°52	22°17	9°45	13°R27	13°54	17°24	n.a.	W29
T 30	0 5 56	29♍46'20	12♑35	22♎56	17♎55	20♏ 0	17♏17	7♎44	20♌56	22♐17	9♓44	13♈27	13♈51	17♏31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n19	28s20	4s47	7n24	0n22	8n23	1n12	12s 1	0s56	15s20	0n30	0n21	2n22	15n57	0n43	22s53	0n40	23s56	17s34	5n43	6n 8	18s44		n.a.
T 2	10 58	28 47	5 5	6 41	0 15	7 53	1 11	12 17	0 57	15 23	0 30	0 19	2 22	15 56	0 43	22 53	0 40	23 57	17 34	5 42	6 7	18 46		n.a.
F 3	10 36	27 44	5 9	5 57	0 8	7 22	1 10	12 33	0 57	15 26	0 29	0 16	2 21	15 55	0 43	22 53	0 40	23 57	17 34	5 39	6 6	18 49		n.a.
S 4	10 14	25 9	4 57	5 14	0 1	6 52	1 8	12 49	0 58	15 28	0 29	0 13	2 21	15 53	0 43	22 53	0 39	23 58	17 34	5 37	6 5	18 52		n.a.
S 5	9 52	21 9	4 29	4 30	0s 6	6 21	1 7	13 5	0 59	15 31	0 29	0 11	2 21	15 52	0 43	22 53	0 39	23 58	17 34	5 34	6 3	18 55		n.a.
M 6	9 30	15 56	3 44	3 47	0 13	5 50	1 6	13 21	0 59	15 34	0 29	0 8	2 21	15 51	0 43	22 53	0 39	23 59	17 34	5 32	6 2	18 57		n.a.
T 7	9 8	9 46	2 45	3 4	0 20	5 19	1 4	13 36	1 0	15 37	0 29	0 5	2 21	15 50	0 43	22 53	0 39	23 59	17 34	5 30	6 1	19 0		n.a.
W 8	8 46	3 0	1 34	2 21	0 27	4 47	1 2	13 52	1 0	15 40	0 28	0 3	2 21	15 49	0 44	22 53	0 39	24 0	17 34	5 29	6 0	19 3		n.a.
T 9	8 23	3n58	0 17	1 38	0 34	4 16	1 1	14 8	1 1	15 43	0 28	0s 0	2 21	15 48	0 44	22 53	0 39	24 0	17 34	5 28	5 58	19 6		n.a.
F 10	8 0	10 46	1n 2	0 55	0 41	3 44	0 59	14 23	1 1	15 46	0 28	0 3	2 21	15 46	0 44	22 53	0 39	24 1	17 34	5 28	5 57	19 8		n.a.
S 11	7 38	16 59	2 16	0 13	0 48	3 13	0 57	14 38	1 2	15 49	0 28	0 6	2 21	15 45	0 44	22 53	0 39	24 1	17 34	5 29	5 56	19 11		n.a.
S 12	7 15	22 14	3 22	0s29	0 55	2 41	0 56	14 54	1 2	15 52	0 28	0 8	2 20	15 44	0 44	22 53	0 39	24 2	17 34	5 29	5 55	19 14		n.a.
M13	6 52	26 7	4 14	1 11	1 2	2 9	0 54	15 9	1 3	15 55	0 28	0 11	2 20	15 43	0 44	22 53	0 39	24 2	17 34	5 30	5 53	19 17		n.a.
T 14	6 28	28 22	4 51	1 52	1 9	1 37	0 52	15 24	1 3	15 58	0 27	0 14	2 20	15 42	0 44	22 53	0 39	24 3	17 34	5 30	5 52	19 19		n.a.
W15	6 5	28 49	5 10	2 33	1 16	1 5	0 50	15 39	1 4	16 1	0 27	0 17	2 20	15 41	0 44	22 53	0 39	24 3	17 34	5 29	5 51	19 22		n.a.
T 16	5 42	27 29	5 12	3 14	1 22	0 33	0 48	15 54	1 4	16 4	0 27	0 19	2 20	15 40	0 44	22 53	0 39	24 3	17 34	5 28	5 50	19 25		n.a.
F 17	5 18	24 35	4 56	3 54	1 29	0 1	0 46	16 8	1 5	16 7	0 27	0 22	2 20	15 39	0 44	22 54	0 39	24 4	17 34	5 27	5 49	19 27		n.a.
S 18	4 54	20 26	4 24	4 34	1 36	0s31	0 44	16 23	1 5	16 10	0 27	0 25	2 20	15 37	0 44	22 54	0 39	24 4	17 34	5 25	5 47	19 30		n.a.
S 19	4 31	15 23	3 40	5 13	1 42	1 3	0 42	16 37	1 6	16 14	0 27	0 28	2 20	15 36	0 44	22 54	0 39	24 5	17 34	5 23	5 46	19 33		n.a.
M20	4 7	9 45	2 45	5 51	1 48	1 35	0 39	16 52	1 6	16 17	0 26	0 31	2 20	15 35	0 44	22 54	0 39	24 5	17 34	5 22	5 45	19 35		n.a.
T 21	3 43	3 50	1 43	6 29	1 55	2 7	0 37	17 6	1 7	16 20	0 26	0 33	2 20	15 34	0 44	22 54	0 39	24 6	17 34	5 21	5 44	19 38		n.a.
W22	3 19	2s 8	0 37	7 6	2 1	2 39	0 35	17 20	1 7	16 23	0 26	0 36	2 20	15 33	0 44	22 54	0 39	24 6	17 34	5 20	5 42	19 41		n.a.
T 23	2 55	7 56	0s30	7 43	2 6	3 11	0 33	17 34	1 8	16 27	0 26	0 39	2 20	15 32	0 44	22 54	0 39	24 6	17 34	5 20	5 41	19 43		n.a.
F 24	2 31	13 22	1 35	8 18	2 12	3 43	0 31	17 48	1 8	16 30	0 26	0 42	2 20	15 31	0 44	22 54	0 39	24 7	17 33	5 21	5 40	19 46		n.a.
S 25	2 7	18 18	2 35	8 53	2 17	4 15	0 28	18 1	1 8	16 33	0 26	0 45	2 19	15 30	0 44	22 54	0 39	24 7	17 33	5 21	5 39	19 49		n.a.
S 26	1 43	22 30	3 28	9 27	2 22	4 47	0 26	18 15	1 9	16 37	0 25	0 48	2 19	15 29	0 44	22 54	0 39	24 7	17 33	5 22	5 37	19 51		n.a.
M27	1 18	25 48	4 12	9 59	2 27	5 18	0 23	18 28	1 9	16 40	0 25	0 50	2 19	15 28	0 44	22 54	0 39	24 8	17 33	5 23	5 36	19 54		n.a.
T 28	0 54	28 0	4 46	10 31	2 32	5 50	0 21	18 41	1 10	16 43	0 25	0 53	2 19	15 27	0 44	22 54	0 39	24 8	17 33	5 23	5 35	19 57		n.a.
W29	0 30	28 55	5 8	11 1	2 36	6 21	0 19	18 54	1 10	16 47	0 25	0 56	2 19	15 26	0 44	22 54	0 39	24 8	17 33	5 23	5 34	19 59		n.a.
T 30	0n 6	28s25	5s17	11s30	2s39	6s53	0n16	19s 7	1s10	16s50	0n25	0s59	2n19	15n25	0n44	22s54	0n39	24s 9	17s33	5n23	5n32	20s 2		n.a.

Julian Day Number = 1488271.5, Delta T = 05h16m53s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'22, Lahiri = -12°46'22 Julian Calendar 1 Sept. 639 BCE == Greg. Calendar 25 Aug. 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

OCTOBER 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 9 53	0♎46'37	25♉16	24♎ 1	19♎10	20♏45	17♏28	7♎51	20♌59	22♐18	9°R43	13°R26	13♈48	17♏38	n.a.	F 1
S 2	0 13 50	1°46'56	8♒19	25° 3	20°25	21°31	17°40	7°58	21° 2	22°19	9♓42	13♈25	13°45	17°44	n.a.	S 2
S 3	0 17 46	2°47'17	21°48	26° 2	21°40	22°16	17°51	8° 5	21° 5	22°20	9°41	13°23	13°41	17°51	n.a.	S 3
M 4	0 21 43	3°47'39	5♓42	26°58	22°55	23° 2	18° 3	8°12	21° 8	22°20	9°40	13°22	13°38	17°58	n.a.	M 4
T 5	0 25 39	4°48'02	20° 0	27°50	24°10	23°47	18°15	8°19	21°11	22°21	9°39	13°21	13°35	18° 4	n.a.	T 5
W 6	0 29 36	5°48'28	4♈37	28°38	25°25	24°33	18°27	8°26	21°14	22°22	9°38	13°20	13°32	18°11	n.a.	W 6
T 7	0 33 32	6°48'55	19°27	29°21	26°39	25°18	18°38	8°33	21°17	22°23	9°37	13°D20	13°29	18°18	n.a.	T 7
F 8	0 37 29	7°49'24	4♉22	29°59	27°54	26° 4	18°50	8°40	21°20	22°24	9°36	13°21	13°26	18°24	n.a.	F 8
S 9	0 41 25	8°49'55	19°15	0♏31	29° 9	26°49	19° 2	8°47	21°23	22°25	9°35	13°21	13°22	18°31	n.a.	S 9
S 10	0 45 22	9°50'28	3♊57	0°56	0♏24	27°35	19°15	8°54	21°26	22°25	9°34	13°21	13°19	18°38	n.a.	S 10
M11	0 49 19	10°51'02	18°25	1°15	1°39	28°21	19°27	9° 2	21°28	22°26	9°33	13°22	13°16	18°44	n.a.	M11
T 12	0 53 15	11°51'39	2♋34	1°25	2°53	29° 7	19°39	9° 9	21°31	22°27	9°32	13°22	13°13	18°51	n.a.	T 12
W13	0 57 12	12°52'18	16°23	1°R26	4° 8	29°53	19°51	9°16	21°34	22°29	9°31	13°22	13°10	18°58	n.a.	W13
T 14	1 1 8	13°52'59	29°52	1°18	5°23	0♐39	20° 4	9°23	21°37	22°30	9°30	13°22	13° 7	19° 4	n.a.	T 14
F 15	1 5 5	14°53'41	13♌ 2	1° 1	6°38	1°25	20°16	9°30	21°39	22°31	9°29	13°22	13° 3	19°11	n.a.	F 15
S 16	1 9 1	15°54'25	25°55	0°33	7°52	2°11	20°29	9°37	21°42	22°32	9°28	13°22	13° 0	19°18	n.a.	S 16
S 17	1 12 58	16°55'11	8♍34	29♎54	9° 7	2°57	20°41	9°44	21°44	22°33	9°27	13°23	12°57	19°24	n.a.	S 17
M18	1 16 54	17°55'59	20°59	29° 5	10°22	3°43	20°54	9°51	21°47	22°34	9°26	13°23	12°54	19°31	n.a.	M18
T 19	1 20 51	18°56'48	3♎14	28° 6	11°37	4°29	21° 7	9°58	21°49	22°35	9°25	13°23	12°51	19°38	n.a.	T 19
W20	1 24 48	19°57'39	15°19	26°59	12°51	5°15	21°19	10° 5	21°52	22°37	9°24	13°R23	12°47	19°44	n.a.	W20
T 21	1 28 44	20°58'31	27°18	25°44	14° 6	6° 1	21°32	10°12	21°54	22°38	9°24	13°23	12°44	19°51	n.a.	T 21
F 22	1 32 41	21°59'24	9♏11	24°25	15°21	6°48	21°45	10°19	21°57	22°39	9°23	13°22	12°41	19°58	n.a.	F 22
S 23	1 36 37	23° 0'19	21° 0	23° 3	16°35	7°34	21°58	10°26	21°59	22°41	9°22	13°21	12°38	20° 4	n.a.	S 23
S 24	1 40 34	24° 1'15	2♐49	21°41	17°50	8°20	22°11	10°33	22° 1	22°42	9°21	13°20	12°35	20°11	n.a.	S 24
M25	1 44 30	25° 2'12	14°39	20°23	19° 5	9° 7	22°24	10°40	22° 3	22°43	9°20	13°18	12°32	20°18	n.a.	M25
T 26	1 48 27	26° 3'10	26°34	19°10	20°20	9°53	22°37	10°47	22° 6	22°45	9°20	13°16	12°28	20°25	n.a.	T 26
W27	1 52 23	27° 4'09	8♉38	18° 4	21°34	10°40	22°50	10°54	22° 8	22°46	9°19	13°15	12°25	20°31	n.a.	W27
T 28	1 56 20	28° 5'09	20°55	17° 9	22°49	11°26	23° 3	11° 1	22°10	22°48	9°18	13°14	12°22	20°38	n.a.	T 28
F 29	2 0 17	29° 6'10	3♒29	16°24	24° 3	12°13	23°16	11° 7	22°12	22°49	9°17	13°D14	12°19	20°45	n.a.	F 29
S 30	2 4 13	0♏ 7'11	16°24	15°50	25°18	12°59	23°30	11°14	22°14	22°51	9°17	13°15	12°16	20°51	n.a.	S 30
S 31	2 8 10	1♏ 8'14	29♒44	15♎28	26♏33	13♐46	23♏43	11♎21	22♌16	22♐52	9♓16	13♈16	12♈13	20♏58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s19	26s27	5s10	11s57	2s43	7s24	0n14	19s20	1s11	16s53	0n25	1s 2	2n19	15n24	0n44	22s54	0n39	24s 9	17s33	5n22	5n31	20s 5		n.a.
S 2	0 43	23 3	4 47	12 23	2 45	7 55	0 11	19 32	1 11	16 57	0 24	1 5	2 19	15 23	0 44	22 54	0 39	24 9	17 32	5 22	5 30	20 7		n.a.
S 3	1 7	18 21	4 9	12 47	2 47	8 26	0 9	19 44	1 11	17 0	0 24	1 7	2 19	15 22	0 44	22 55	0 38	24 10	17 32	5 21	5 29	20 10		n.a.
M 4	1 32	12 33	3 14	13 9	2 49	8 56	0 6	19 57	1 12	17 4	0 24	1 10	2 19	15 21	0 44	22 55	0 38	24 10	17 32	5 21	5 27	20 13		n.a.
T 5	1 56	5 57	2 6	13 29	2 50	9 26	0 4	20 9	1 12	17 7	0 24	1 13	2 19	15 20	0 44	22 55	0 38	24 10	17 32	5 20	5 26	20 15		n.a.
W 6	2 20	1n 7	0 48	13 47	2 50	9 57	0 1	20 20	1 12	17 11	0 24	1 16	2 19	15 19	0 44	22 55	0 38	24 10	17 32	5 20	5 25	20 18		n.a.
T 7	2 45	8 14	0n34	14 2	2 49	10 27	0s 1	20 32	1 13	17 14	0 24	1 19	2 19	15 18	0 44	22 55	0 38	24 11	17 32	5 20	5 24	20 20		n.a.
F 8	3 9	14 56	1 54	14 14	2 48	10 56	0 4	20 43	1 13	17 18	0 24	1 22	2 19	15 17	0 44	22 55	0 38	24 11	17 32	5 20	5 22	20 23		n.a.
S 9	3 33	20 46	3 7	14 23	2 45	11 26	0 7	20 54	1 13	17 21	0 23	1 24	2 19	15 16	0 44	22 55	0 38	24 11	17 31	5 20	5 21	20 26		n.a.
S 10	3 57	25 15	4 6	14 29	2 41	11 55	0 9	21 5	1 13	17 24	0 23	1 27	2 19	15 15	0 44	22 55	0 38	24 11	17 31	5 21	5 20	20 28		n.a.
M11	4 21	28 3	4 48	14 30	2 36	12 24	0 12	21 16	1 14	17 28	0 23	1 30	2 19	15 14	0 44	22 55	0 38	24 11	17 31	5 21	5 19	20 31		n.a.
T 12	4 45	28 57	5 12	14 28	2 30	12 52	0 14	21 27	1 14	17 31	0 23	1 33	2 19	15 14	0 44	22 55	0 38	24 12	17 31	5 21	5 17	20 33		n.a.
W13	5 9	28 0	5 17	14 21	2 22	13 21	0 17	21 37	1 14	17 35	0 23	1 36	2 19	15 13	0 44	22 55	0 38	24 12	17 31	5 21	5 16	20 36		n.a.
T 14	5 33	25 25	5 5	14 10	2 13	13 48	0 20	21 47	1 14	17 38	0 23	1 38	2 19	15 12	0 44	22 55	0 38	24 12	17 30	5 21	5 15	20 38		n.a.
F 15	5 57	21 32	4 36	13 53	2 2	14 16	0 22	21 57	1 15	17 42	0 23	1 41	2 19	15 11	0 44	22 56	0 38	24 12	17 30	5 21	5 14	20 41		n.a.
S 16	6 21	16 43	3 54	13 31	1 49	14 43	0 25	22 7	1 15	17 45	0 22	1 44	2 19	15 10	0 44	22 56	0 38	24 12	17 30	5 21	5 12	20 44		n.a.
S 17	6 44	11 16	3 2	13 4	1 35	15 10	0 28	22 16	1 15	17 49	0 22	1 47	2 19	15 9	0 45	22 56	0 38	24 13	17 30	5 21	5 11	20 46		n.a.
M18	7 8	5 28	2 1	12 31	1 19	15 37	0 30	22 25	1 15	17 53	0 22	1 50	2 19	15 9	0 45	22 56	0 38	24 13	17 29	5 21	5 10	20 49		n.a.
T 19	7 31	0s27	0 56	11 54	1 1	16 3	0 33	22 34	1 15	17 56	0 22	1 52	2 19	15 8	0 45	22 56	0 38	24 13	17 29	5 21	5 8	20 51		n.a.
W20	7 55	6 17	0s11	11 11	0 42	16 28	0 35	22 43	1 16	18 0	0 22	1 55	2 19	15 7	0 45	22 56	0 38	24 13	17 29	5 21	5 7	20 54		n.a.
T 21	8 18	11 50	1 16	10 25	0 22	16 54	0 38	22 51	1 16	18 3	0 22	1 58	2 19	15 6	0 45	22 56	0 38	24 13	17 29	5 21	5 6	20 56		n.a.
F 22	8 41	16 56	2 18	9 37	0 2	17 18	0 40	23 0	1 16	18 7	0 22	2 1	2 19	15 6	0 45	22 56	0 38	24 13	17 28	5 21	5 5	20 59		n.a.
S 23	9 4	21 22	3 14	8 47	0n19	17 43	0 43	23 8	1 16	18 10	0 21	2 3	2 19	15 5	0 45	22 56	0 38	24 13	17 28	5 21	5 3	21 1		n.a.
S 24	9 27	24 57	4 1	7 58	0 39	18 7	0 45	23 16	1 16	18 14	0 21	2 6	2 19	15 4	0 45	22 56	0 38	24 13	17 28	5 20	5 2	21 4		n.a.
M25	9 49	27 29	4 38	7 10	0 59	18 30	0 48	23 23	1 16	18 17	0 21	2 9	2 19	15 3	0 45	22 57	0 38	24 13	17 28	5 19	5 1	21 6		n.a.
T 26	10 12	28 47	5 3	6 25	1 17	18 53	0 50	23 30	1 17	18 21	0 21	2 11	2 19	15 3	0 45	22 57	0 38	24 13	17 27	5 19	5 0	21 9		n.a.
W27	10 34	28 44	5 15	5 45	1 34	19 15	0 53	23 37	1 17	18 24	0 21	2 14	2 19	15 2	0 45	22 57	0 38	24 13	17 27	5 18	4 58	21 11		n.a.
T 28	10 56	27 17	5 14	5 9	1 49	19 37	0 55	23 44	1 17	18 28	0 21	2 17	2 19	15 1	0 45	22 57	0 38	24 13	17 27	5 18	4 57	21 14		n.a.
F 29	11 18	24 27	4 57	4 40	2 1	19 59	0 58	23 51	1 17	18 31	0 21	2 20	2 20	15 1	0 45	22 57	0 38	24 13	17 26	5 18	4 56	21 16		n.a.
S 30	11 40	20 21	4 25	4 17	2 12	20 19	1 0	23 57	1 17	18 35	0 21	2 22	2 20	15 0	0 45	22 57	0 38	24 13	17 26	5 18	4 55	21 19		n.a.
S 31	12s 2	15s 7	3s38	4s 1	2n21	20s40	1s 2	24s 3	1s17	18s38	0n20	2s25	2n20	15n 0	0n45	22s57	0n38	24s13	17s26	5n18	4n53	21s21		n.a.

Julian Day Number = 1488301.5, Delta T = 05h16m51s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'18, Lahiri = -12°46'17 Julian Calendar 1 Oct. 639 BCE == Greg. Calendar 24 Sept. 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

NOVEMBER 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 12 6	2♏ 9'17	13♓32	15°R17	27♏47	14♐33	23♏56	11♎28	22♑18	22♐54	9°R15	13♈17	12♈ 9	21♏ 5	n.a.	M 1
T 2	2 16 3	3°10'20	27°47	15°D17	29° 2	15°19	24°10	11°35	22°19	22°55	9♓15	13°18	12° 6	21°11	n.a.	T 2
W 3	2 19 59	4°11'25	12♈27	15♎27	0♐16	16° 6	24°23	11°41	22°21	22°57	9°14	13°R19	12° 3	21°18	n.a.	W 3
T 4	2 23 56	5°12'30	27°27	15°46	1°31	16°53	24°37	11°48	22°23	22°59	9°14	13°18	12° 0	21°25	n.a.	T 4
F 5	2 27 52	6°13'36	12♉39	16°14	2°45	17°39	24°50	11°55	22°25	23° 0	9°13	13°17	11°57	21°31	n.a.	F 5
S 6	2 31 49	7°14'44	27°53	16°50	4° 0	18°26	25° 4	12° 1	22°26	23° 2	9°13	13°14	11°53	21°38	n.a.	S 6
S 7	2 35 46	8°15'52	12♊59	17°32	5°14	19°13	25°17	12° 8	22°28	23° 4	9°12	13°10	11°50	21°45	n.a.	S 7
M 8	2 39 42	9°17'01	27°49	18°21	6°29	20° 0	25°31	12°14	22°29	23° 6	9°12	13° 7	11°47	21°51	n.a.	M 8
T 9	2 43 39	10°18'11	12♋15	19°14	7°43	20°46	25°44	12°21	22°31	23° 7	9°11	13° 4	11°44	21°58	n.a.	T 9
W10	2 47 35	11°19'22	26°14	20°13	8°57	21°33	25°58	12°28	22°32	23° 9	9°11	13° 1	11°41	22° 5	n.a.	W10
T 11	2 51 32	12°20'34	9♌46	21°15	10°12	22°20	26°12	12°34	22°34	23°11	9°10	13°D 0	11°38	22°11	n.a.	T 11
F 12	2 55 28	13°21'47	22°53	22°21	11°26	23° 7	26°25	12°40	22°35	23°13	9°10	13° 1	11°34	22°18	n.a.	F 12
S 13	2 59 25	14°23'01	5♍38	23°30	12°41	23°54	26°39	12°47	22°36	23°15	9° 9	13° 2	11°31	22°25	n.a.	S 13
S 14	3 3 22	15°24'15	18° 4	24°42	13°55	24°41	26°53	12°53	22°37	23°17	9° 9	13° 4	11°28	22°31	n.a.	S 14
M15	3 7 18	16°25'31	0♎17	25°56	15° 9	25°28	27° 7	12°59	22°39	23°18	9° 9	13° 5	11°25	22°38	n.a.	M15
T 16	3 11 15	17°26'46	12°19	27°12	16°24	26°15	27°20	13° 6	22°40	23°20	9° 8	13°R 6	11°22	22°45	n.a.	T 16
W17	3 15 11	18°28'03	24°14	28°30	17°38	27° 2	27°34	13°12	22°41	23°22	9° 8	13° 5	11°18	22°51	n.a.	W17
T 18	3 19 8	19°29'20	6♏ 5	29°50	18°52	27°49	27°48	13°18	22°42	23°24	9° 8	13° 3	11°15	22°58	n.a.	T 18
F 19	3 23 4	20°30'37	17°55	1♏11	20° 6	28°36	28° 2	13°24	22°43	23°26	9° 7	12°58	11°12	23° 5	n.a.	F 19
S 20	3 27 1	21°31'55	29°44	2°33	21°20	29°23	28°16	13°30	22°43	23°28	9° 7	12°52	11° 9	23°11	n.a.	S 20
S 21	3 30 57	22°33'13	11♐35	3°56	22°35	0♑10	28°29	13°36	22°44	23°30	9° 7	12°44	11° 6	23°18	n.a.	S 21
M22	3 34 54	23°34'31	23°30	5°21	23°49	0°57	28°43	13°42	22°45	23°32	9° 7	12°36	11° 3	23°25	n.a.	M22
T 23	3 38 51	24°35'49	5♑30	6°46	25° 3	1°44	28°57	13°48	22°46	23°34	9° 6	12°28	10°59	23°32	n.a.	T 23
W24	3 42 47	25°37'07	17°37	8°12	26°17	2°31	29°11	13°54	22°46	23°36	9° 6	12°21	10°56	23°38	n.a.	W24
T 25	3 46 44	26°38'25	29°56	9°38	27°31	3°18	29°25	14° 0	22°47	23°38	9° 6	12°16	10°53	23°45	n.a.	T 25
F 26	3 50 40	27°39'43	12♒27	11° 6	28°45	4° 5	29°39	14° 6	22°48	23°41	9° 6	12°12	10°50	23°52	n.a.	F 26
S 27	3 54 37	28°41'00	25°17	12°33	29°59	4°52	29°53	14°12	22°48	23°43	9° 6	12°D11	10°47	23°58	n.a.	S 27
S 28	3 58 33	29°42'17	8♓27	14° 2	1♑13	5°39	0♐ 7	14°17	22°48	23°45	9° 6	12°11	10°44	24° 5	n.a.	S 28
M29	4 2 30	0♐43'34	22° 1	15°31	2°27	6°26	0°21	14°23	22°49	23°47	9° 6	12°12	10°40	24°12	n.a.	M29
T 30	4 6 26	1♐44'50	6♈ 2	17♏ 0	3♑41	7♑13	0♐35	14♎28	22♑49	23♐49	9°D 6	12°R13	10♈37	24♏18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s23	8s59	2s37	3s50	2n27	20s59	1s 5	24s 8	1s17	18s42	0n20	2s27	2n20	14n59	0n45	22s57	0n38	24s13	17s26	5n19	4n52	21s24		n.a.
T 2	12 45	2 11	1 25	3 46	2 32	21 18	1 7	24 14	1 17	18 45	0 20	2 30	2 20	14 58	0 45	22 57	0 38	24 13	17 25	5 19	4 51	21 26		n.a.
W 3	13 6	4n55	0 5	3 47	2 35	21 37	1 9	24 19	1 17	18 48	0 20	2 33	2 20	14 58	0 45	22 58	0 38	24 13	17 25	5 20	4 50	21 29		n.a.
T 4	13 26	11 54	1n17	3 53	2 37	21 55	1 11	24 24	1 17	18 52	0 20	2 35	2 20	14 57	0 45	22 58	0 38	24 13	17 25	5 19	4 48	21 31		n.a.
F 5	13 47	18 18	2 35	4 3	2 38	22 12	1 13	24 28	1 17	18 55	0 20	2 38	2 20	14 57	0 45	22 58	0 37	24 13	17 24	5 19	4 47	21 34		n.a.
S 6	14 7	23 33	3 41	4 18	2 37	22 29	1 15	24 33	1 17	18 59	0 20	2 40	2 20	14 56	0 45	22 58	0 37	24 13	17 24	5 18	4 46	21 36		n.a.
S 7	14 27	27 10	4 32	4 36	2 35	22 45	1 17	24 37	1 17	19 2	0 20	2 43	2 20	14 56	0 45	22 58	0 37	24 13	17 24	5 16	4 45	21 39		n.a.
M 8	14 47	28 48	5 3	4 57	2 32	23 0	1 19	24 41	1 17	19 6	0 19	2 45	2 20	14 55	0 45	22 58	0 37	24 13	17 23	5 15	4 43	21 41		n.a.
T 9	15 7	28 25	5 14	5 21	2 29	23 15	1 21	24 44	1 17	19 9	0 19	2 48	2 20	14 55	0 45	22 58	0 37	24 13	17 23	5 14	4 42	21 43		n.a.
W10	15 26	26 12	5 6	5 47	2 25	23 28	1 23	24 47	1 17	19 12	0 19	2 50	2 20	14 55	0 45	22 58	0 37	24 13	17 23	5 13	4 41	21 46		n.a.
T 11	15 45	22 33	4 41	6 15	2 20	23 42	1 25	24 50	1 17	19 16	0 19	2 53	2 21	14 54	0 46	22 59	0 37	24 13	17 22	5 12	4 40	21 48		n.a.
F 12	16 4	17 52	4 1	6 44	2 15	23 54	1 27	24 53	1 17	19 19	0 19	2 55	2 21	14 54	0 46	22 59	0 37	24 12	17 22	5 12	4 38	21 51		n.a.
S 13	16 23	12 32	3 11	7 15	2 9	24 6	1 29	24 55	1 17	19 22	0 19	2 58	2 21	14 53	0 46	22 59	0 37	24 12	17 22	5 13	4 37	21 53		n.a.
S 14	16 41	6 49	2 13	7 48	2 3	24 17	1 31	24 57	1 17	19 26	0 19	3 0	2 21	14 53	0 46	22 59	0 37	24 12	17 21	5 14	4 36	21 56		n.a.
M15	16 59	0 57	1 10	8 21	1 57	24 28	1 32	24 59	1 17	19 29	0 19	3 2	2 21	14 53	0 46	22 59	0 37	24 12	17 21	5 14	4 35	21 58		n.a.
T 16	17 17	4s52	0 4	8 55	1 50	24 37	1 34	25 0	1 17	19 32	0 19	3 5	2 21	14 52	0 46	22 59	0 37	24 12	17 21	5 15	4 33	22 0		n.a.
W17	17 34	10 28	1s 0	9 29	1 43	24 46	1 35	25 1	1 17	19 36	0 18	3 7	2 21	14 52	0 46	22 59	0 37	24 12	17 20	5 14	4 32	22 3		n.a.
T 18	17 51	15 39	2 2	10 4	1 36	24 54	1 37	25 2	1 17	19 39	0 18	3 9	2 21	14 52	0 46	22 59	0 37	24 11	17 20	5 13	4 31	22 5		n.a.
F 19	18 8	20 15	2 58	10 40	1 29	25 2	1 38	25 3	1 17	19 42	0 18	3 12	2 21	14 52	0 46	22 59	0 37	24 11	17 20	5 12	4 30	22 7		n.a.
S 20	18 24	24 3	3 46	11 15	1 22	25 9	1 40	25 3	1 17	19 45	0 18	3 14	2 22	14 51	0 46	23 0	0 37	24 11	17 19	5 9	4 28	22 10		n.a.
S 21	18 40	26 51	4 25	11 51	1 14	25 14	1 41	25 3	1 17	19 49	0 18	3 16	2 22	14 51	0 46	23 0	0 37	24 11	17 19	5 6	4 27	22 12		n.a.
M22	18 56	28 28	4 52	12 26	1 7	25 20	1 42	25 3	1 17	19 52	0 18	3 18	2 22	14 51	0 46	23 0	0 37	24 10	17 19	5 3	4 26	22 15		n.a.
T 23	19 11	28 46	5 6	13 1	1 0	25 24	1 43	25 2	1 17	19 55	0 18	3 21	2 22	14 51	0 46	23 0	0 37	24 10	17 18	5 0	4 24	22 17		n.a.
W24	19 26	27 40	5 7	13 37	0 52	25 28	1 44	25 1	1 16	19 58	0 18	3 23	2 22	14 50	0 46	23 0	0 37	24 10	17 18	4 57	4 23	22 19		n.a.
T 25	19 41	25 14	4 54	14 12	0 45	25 30	1 45	25 0	1 16	20 1	0 18	3 25	2 22	14 50	0 46	23 0	0 37	24 10	17 17	4 55	4 22	22 22		n.a.
F 26	19 55	21 34	4 27	14 46	0 37	25 32	1 46	24 59	1 16	20 4	0 17	3 27	2 22	14 50	0 46	23 0	0 37	24 9	17 17	4 53	4 21	22 24		n.a.
S 27	20 9	16 49	3 46	15 21	0 30	25 34	1 47	24 57	1 16	20 8	0 17	3 29	2 22	14 50	0 46	23 0	0 37	24 9	17 17	4 53	4 19	22 26		n.a.
S 28	20 22	11 10	2 52	15 55	0 23	25 34	1 48	24 55	1 16	20 11	0 17	3 31	2 23	14 50	0 46	23 1	0 37	24 9	17 16	4 53	4 18	22 29		n.a.
M29	20 35	4 50	1 47	16 28	0 15	25 34	1 49	24 53	1 16	20 14	0 17	3 33	2 23	14 50	0 46	23 1	0 37	24 8	17 16	4 53	4 17	22 31		n.a.
T 30	20s48	1n55	0s33	17s 1	0n 8	25s33	1s49	24s50	1s16	20s17	0n17	3s35	2n23	14n50	0n46	23s 1	0n37	24s 8	17s16	4n54	4n16	22s33		n.a.

Julian Day Number = 1488332.5, Delta T = 05h16m50s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'14, Lahiri = -12°46'13 Julian Calendar 1 Nov. 639 BCE == Greg. Calendar 25 Oct. 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 639 BCE
geocentric

DECEMBER 639 BCE (-638) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 10 23	2♐46'06	20♈29	18♏30	4♑55	8♑ 0	0♐48	14♎34	22♌49	23♐51	9♓ 6	12°R13	10♈34	24♏25	n.a.	W 1
T 2	4 14 20	3°47'22	5♉20	20° 0	6° 9	8°47	1° 2	14°39	22°50	23°53	9° 6	12♈11	10°31	24°32	n.a.	T 2
F 3	4 18 16	4°48'37	20°30	21°31	7°22	9°34	1°16	14°45	22°50	23°55	9° 6	12° 6	10°28	24°38	n.a.	F 3
S 4	4 22 13	5°49'52	5♊48	23° 2	8°36	10°21	1°30	14°50	22°50	23°58	9° 6	12° 0	10°24	24°45	n.a.	S 4
S 5	4 26 9	6°51'06	21° 4	24°34	9°50	11° 8	1°44	14°55	22°R50	24° 0	9° 6	11°51	10°21	24°52	n.a.	S 5
M 6	4 30 6	7°52'21	6♋ 8	26° 6	11° 3	11°55	1°58	15° 0	22°50	24° 2	9° 6	11°42	10°18	24°58	n.a.	M 6
T 7	4 34 2	8°53'35	20°49	27°38	12°17	12°42	2°12	15° 6	22°50	24° 4	9° 6	11°33	10°15	25° 5	n.a.	T 7
W 8	4 37 59	9°54'49	5♌ 2	29°11	13°31	13°29	2°26	15°11	22°49	24° 6	9° 7	11°27	10°12	25°12	n.a.	W 8
T 9	4 41 56	10°56'02	18°45	0♐44	14°44	14°16	2°40	15°16	22°49	24° 9	9° 7	11°22	10° 9	25°18	n.a.	T 9
F 10	4 45 52	11°57'15	1♍58	2°18	15°58	15° 3	2°53	15°20	22°49	24°11	9° 7	11°19	10° 5	25°25	n.a.	F 10
S 11	4 49 49	12°58'28	14°44	3°52	17°11	15°50	3° 7	15°25	22°49	24°13	9° 7	11°D19	10° 2	25°32	n.a.	S 11
S 12	4 53 45	13°59'41	27° 9	5°27	18°24	16°37	3°21	15°30	22°48	24°15	9° 7	11°19	9°59	25°39	n.a.	S 12
M13	4 57 42	15° 0'53	9♎18	7° 2	19°38	17°24	3°35	15°35	22°48	24°18	9° 8	11°R20	9°56	25°45	n.a.	M13
T 14	5 1 38	16° 2'05	21°15	8°38	20°51	18°11	3°49	15°39	22°47	24°20	9° 8	11°19	9°53	25°52	n.a.	T 14
W15	5 5 35	17° 3'16	3♏ 5	10°14	22° 4	18°58	4° 2	15°44	22°47	24°22	9° 8	11°17	9°50	25°59	n.a.	W15
T 16	5 9 31	18° 4'27	14°52	11°51	23°17	19°45	4°16	15°48	22°46	24°24	9° 9	11°12	9°46	26° 5	n.a.	T 16
F 17	5 13 28	19° 5'38	26°41	13°28	24°31	20°32	4°30	15°53	22°46	24°27	9° 9	11° 4	9°43	26°12	n.a.	F 17
S 18	5 17 25	20° 6'47	8♐32	15° 6	25°44	21°19	4°44	15°57	22°45	24°29	9° 9	10°53	9°40	26°19	n.a.	S 18
S 19	5 21 21	21° 7'56	20°29	16°44	26°57	22° 5	4°57	16° 1	22°44	24°31	9°10	10°40	9°37	26°25	n.a.	S 19
M20	5 25 18	22° 9'04	2♑32	18°23	28°10	22°52	5°11	16° 5	22°43	24°34	9°10	10°26	9°34	26°32	n.a.	M20
T 21	5 29 14	23°10'11	14°42	20° 3	29°22	23°39	5°25	16°10	22°42	24°36	9°11	10°12	9°30	26°39	n.a.	T 21
W22	5 33 11	24°11'17	27° 1	21°43	0♒35	24°26	5°38	16°14	22°42	24°38	9°11	9°59	9°27	26°45	n.a.	W22
T 23	5 37 7	25°12'21	9♒29	23°24	1°48	25°13	5°52	16°17	22°41	24°40	9°12	9°49	9°24	26°52	n.a.	T 23
F 24	5 41 4	26°13'25	22° 8	25° 5	3° 1	26° 0	6° 5	16°21	22°40	24°43	9°12	9°42	9°21	26°59	n.a.	F 24
S 25	5 45 1	27°14'27	5♓ 0	26°47	4°13	26°46	6°19	16°25	22°39	24°45	9°13	9°38	9°18	27° 5	n.a.	S 25
S 26	5 48 57	28°15'27	18° 8	28°30	5°26	27°33	6°32	16°29	22°37	24°47	9°13	9°36	9°15	27°12	n.a.	S 26
M27	5 52 54	29°16'26	1♈35	0♑13	6°38	28°20	6°46	16°32	22°36	24°49	9°14	9°36	9°11	27°19	n.a.	M27
T 28	5 56 50	0♑17'24	15°22	1°57	7°51	29° 7	6°59	16°36	22°35	24°52	9°15	9°36	9° 8	27°26	n.a.	T 28
W29	6 0 47	1°18'20	29°32	3°42	9° 3	29°53	7°12	16°39	22°34	24°54	9°15	9°34	9° 5	27°32	n.a.	W29
T 30	6 4 43	2°19'15	14♉ 4	5°27	10°15	0♒40	7°26	16°43	22°32	24°56	9°16	9°31	9° 2	27°39	n.a.	T 30
F 31	6 8 40	3♑20'08	28♉54	7♑13	11♒27	1♒27	7♐39	16♎46	22♌31	24♐59	9♓17	9♈25	8♈59	27♏46	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s 0	8n48	0n44	17s33	0n 1	25s31	1s50	24s47	1s15	20s20	0n17	3s37	2n23	14n50	0n46	23s 1	0n37	24s 8	17s15	4n54	4n14	22s36			n.a.
T 2	21 12	15 23	2 1	18 5	0s 6	25 28	1 50	24 44	1 15	20 23	0 17	3 39	2 23	14 50	0 46	23 1	0 37	24 7	17 15	4 53	4 13	22 38			n.a.
F 3	21 24	21 11	3 11	18 36	0 13	25 25	1 51	24 40	1 15	20 26	0 17	3 41	2 23	14 50	0 47	23 1	0 37	24 7	17 14	4 51	4 12	22 40			n.a.
S 4	21 35	25 37	4 7	19 6	0 20	25 20	1 51	24 36	1 15	20 29	0 17	3 43	2 24	14 50	0 47	23 1	0 37	24 7	17 14	4 48	4 11	22 43			n.a.
S 5	21 45	28 13	4 46	19 36	0 26	25 15	1 51	24 32	1 15	20 32	0 17	3 45	2 24	14 50	0 47	23 1	0 37	24 6	17 14	4 45	4 9	22 45			n.a.
M 6	21 56	28 41	5 4	20 5	0 33	25 9	1 51	24 28	1 14	20 35	0 16	3 47	2 24	14 50	0 47	23 2	0 37	24 6	17 13	4 41	4 8	22 47			n.a.
T 7	22 5	27 6	5 1	20 33	0 39	25 3	1 52	24 23	1 14	20 37	0 16	3 49	2 24	14 50	0 47	23 2	0 37	24 5	17 13	4 38	4 7	22 49			n.a.
W 8	22 15	23 48	4 40	21 0	0 45	24 56	1 52	24 18	1 14	20 40	0 16	3 51	2 24	14 50	0 47	23 2	0 37	24 5	17 13	4 35	4 6	22 52			n.a.
T 9	22 24	19 16	4 3	21 26	0 51	24 48	1 52	24 13	1 14	20 43	0 16	3 52	2 24	14 50	0 47	23 2	0 37	24 5	17 12	4 33	4 4	22 54			n.a.
F 10	22 32	13 56	3 14	21 51	0 57	24 39	1 51	24 8	1 13	20 46	0 16	3 54	2 25	14 50	0 47	23 2	0 37	24 4	17 12	4 32	4 3	22 56			n.a.
S 11	22 40	8 12	2 17	22 15	1 3	24 29	1 51	24 2	1 13	20 49	0 16	3 56	2 25	14 50	0 47	23 2	0 37	24 4	17 12	4 32	4 2	22 58			n.a.
S 12	22 48	2 17	1 15	22 38	1 9	24 19	1 51	23 56	1 13	20 52	0 16	3 58	2 25	14 51	0 47	23 2	0 37	24 3	17 11	4 32	4 0	23 1			n.a.
M13	22 55	3s34	0 11	23 0	1 14	24 8	1 50	23 50	1 13	20 54	0 16	3 59	2 25	14 51	0 47	23 2	0 37	24 3	17 11	4 33	3 59	23 3			n.a.
T 14	23 2	9 13	0s53	23 21	1 19	23 56	1 50	23 43	1 12	20 57	0 16	4 1	2 25	14 51	0 47	23 2	0 37	24 2	17 10	4 32	3 58	23 5			n.a.
W15	23 8	14 29	1 53	23 41	1 24	23 44	1 49	23 36	1 12	21 0	0 16	4 2	2 26	14 51	0 47	23 3	0 37	24 2	17 10	4 31	3 57	23 7			n.a.
T 16	23 14	19 12	2 48	23 59	1 28	23 31	1 49	23 29	1 12	21 2	0 16	4 4	2 26	14 51	0 47	23 3	0 37	24 2	17 10	4 29	3 55	23 10			n.a.
F 17	23 19	23 11	3 36	24 16	1 33	23 17	1 48	23 22	1 12	21 5	0 15	4 6	2 26	14 52	0 47	23 3	0 37	24 1	17 9	4 26	3 54	23 12			n.a.
S 18	23 24	26 14	4 15	24 32	1 37	23 3	1 47	23 14	1 11	21 8	0 15	4 7	2 26	14 52	0 47	23 3	0 37	24 1	17 9	4 22	3 53	23 14			n.a.
S 19	23 28	28 8	4 43	24 46	1 41	22 48	1 46	23 6	1 11	21 10	0 15	4 9	2 26	14 52	0 47	23 3	0 37	24 0	17 9	4 17	3 52	23 16			n.a.
M20	23 32	28 43	4 58	25 0	1 44	22 32	1 45	22 58	1 11	21 13	0 15	4 10	2 27	14 53	0 47	23 3	0 37	24 0	17 8	4 11	3 50	23 19			n.a.
T 21	23 36	27 55	5 0	25 11	1 48	22 16	1 44	22 50	1 10	21 15	0 15	4 11	2 27	14 53	0 47	23 3	0 37	23 59	17 8	4 6	3 49	23 21			n.a.
W22	23 39	25 45	4 48	25 21	1 51	21 59	1 43	22 41	1 10	21 18	0 15	4 13	2 27	14 53	0 47	23 3	0 37	23 59	17 8	4 1	3 48	23 23			n.a.
T 23	23 41	22 20	4 22	25 30	1 53	21 41	1 41	22 32	1 10	21 21	0 15	4 14	2 27	14 54	0 47	23 3	0 37	23 58	17 7	3 57	3 47	23 25			n.a.
F 24	23 43	17 50	3 43	25 36	1 56	21 23	1 40	22 23	1 9	21 23	0 15	4 15	2 27	14 54	0 47	23 4	0 37	23 58	17 7	3 54	3 45	23 27			n.a.
S 25	23 45	12 28	2 52	25 42	1 58	21 4	1 38	22 13	1 9	21 25	0 15	4 17	2 28	14 54	0 47	23 4	0 37	23 57	17 6	3 52	3 44	23 29			n.a.
S 26	23 46	6 27	1 51	25 45	1 59	20 44	1 37	22 4	1 9	21 28	0 15	4 18	2 28	14 55	0 48	23 4	0 37	23 56	17 6	3 51	3 43	23 32			n.a.
M27	23 46	0 1	0 42	25 47	2 0	20 24	1 35	21 54	1 8	21 30	0 14	4 19	2 28	14 55	0 48	23 4	0 37	23 56	17 6	3 51	3 42	23 34			n.a.
T 28	23 46	6n36	0n31	25 47	2 1	20 4	1 33	21 44	1 8	21 33	0 14	4 20	2 28	14 56	0 48	23 4	0 36	23 55	17 5	3 51	3 40	23 36			n.a.
W29	23 46	13 4	1 43	25 45	2 1	19 43	1 32	21 34	1 8	21 35	0 14	4 21	2 28	14 56	0 48	23 4	0 36	23 55	17 5	3 51	3 39	23 38			n.a.
T 30	23 45	19 0	2 51	25 41	2 1	19 21	1 30	21 23	1 7	21 37	0 14	4 22	2 29	14 57	0 48	23 4	0 36	23 54	17 5	3 49	3 38	23 40			n.a.
F 31	23s44	23n55	3n49	25s35	2s 1	18s59	1s28	21s12	1s 7	21s40	0n14	4s23	2n29	14n57	0n48	23s 4	0n36	23s54	17s 4	3n47	3n36	23s42			n.a.

Julian Day Number = 1488362.5, Delta T = 05h16m49s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'10, Lahiri = -12°46'09 Julian Calendar 1 Dec. 639 BCE == Greg. Calendar 24 Nov. 639 BCE

The year -638 astronomical counting style corresponds to year 639 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

JANUARY 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 12 36	4♉21'00	13♊57	9♉ 0	12♒39	2♒13	7♐52	16♎49	22°R30	25♐ 1	9♓17	9°R16	8♈56	27♏52	n.a.	S 1
S 2	6 16 33	5°21'50	29° 2	10°47	13°51	3° 0	8° 5	16°52	22♌28	25° 3	9°18	9♈ 5	8°52	27°59	n.a.	S 2
M 3	6 20 30	6°22'39	14♋ 1	12°34	15° 3	3°46	8°18	16°55	22°27	25° 5	9°19	8°53	8°49	28° 6	n.a.	M 3
T 4	6 24 26	7°23'27	28°43	14°22	16°15	4°33	8°31	16°58	22°25	25° 8	9°20	8°41	8°46	28°12	n.a.	T 4
W 5	6 28 23	8°24'13	13♌ 1	16°10	17°27	5°19	8°44	17° 1	22°24	25°10	9°20	8°31	8°43	28°19	n.a.	W 5
T 6	6 32 19	9°24'57	26°51	17°58	18°38	6° 6	8°57	17° 3	22°22	25°12	9°21	8°24	8°40	28°26	n.a.	T 6
F 7	6 36 16	10°25'41	10♍12	19°47	19°50	6°52	9°10	17° 6	22°20	25°14	9°22	8°19	8°36	28°32	n.a.	F 7
S 8	6 40 12	11°26'23	23° 5	21°35	21° 1	7°39	9°23	17° 8	22°19	25°16	9°23	8°17	8°33	28°39	n.a.	S 8
S 9	6 44 9	12°27'04	5♎34	23°23	22°12	8°25	9°36	17°11	22°17	25°19	9°24	8°17	8°30	28°46	n.a.	S 9
M10	6 48 5	13°27'43	17°45	25°11	23°23	9°11	9°49	17°13	22°15	25°21	9°25	8°17	8°27	28°53	n.a.	M10
T 11	6 52 2	14°28'22	29°43	26°58	24°34	9°58	10° 2	17°15	22°13	25°23	9°25	8°16	8°24	28°59	n.a.	T 11
W12	6 55 59	15°28'59	11♏33	28°43	25°45	10°44	10°14	17°17	22°11	25°25	9°26	8°13	8°21	29° 6	n.a.	W12
T 13	6 59 55	16°29'34	23°21	0♒28	26°56	11°30	10°27	17°19	22° 9	25°27	9°27	8° 8	8°17	29°13	n.a.	T 13
F 14	7 3 52	17°30'08	5♐11	2°10	28° 7	12°17	10°39	17°21	22° 7	25°29	9°28	8° 0	8°14	29°19	n.a.	F 14
S 15	7 7 48	18°30'41	17° 7	3°50	29°17	13° 3	10°52	17°23	22° 5	25°32	9°29	7°50	8°11	29°26	n.a.	S 15
S 16	7 11 45	19°31'12	29°10	5°27	0♓28	13°49	11° 4	17°25	22° 3	25°34	9°30	7°37	8° 8	29°33	n.a.	S 16
M17	7 15 41	20°31'41	11♑23	7° 1	1°38	14°35	11°16	17°26	22° 1	25°36	9°31	7°23	8° 5	29°39	n.a.	M17
T 18	7 19 38	21°32'09	23°47	8°31	2°48	15°21	11°29	17°28	21°59	25°38	9°32	7° 9	8° 2	29°46	n.a.	T 18
W19	7 23 35	22°32'34	6♒21	9°56	3°58	16° 7	11°41	17°29	21°57	25°40	9°33	6°56	7°58	29°53	n.a.	W19
T 20	7 27 31	23°32'58	19° 6	11°17	5° 8	16°53	11°53	17°31	21°55	25°42	9°34	6°46	7°55	29°59	n.a.	T 20
F 21	7 31 28	24°33'20	2♓ 2	12°31	6°18	17°39	12° 5	17°32	21°53	25°44	9°35	6°39	7°52	0♐ 6	n.a.	F 21
S 22	7 35 24	25°33'40	15° 9	13°39	7°28	18°25	12°17	17°33	21°50	25°46	9°36	6°34	7°49	0°13	n.a.	S 22
S 23	7 39 21	26°33'57	28°28	14°40	8°37	19°11	12°29	17°34	21°48	25°48	9°37	6°32	7°46	0°20	n.a.	S 23
M24	7 43 17	27°34'13	12♈ 0	15°33	9°47	19°57	12°41	17°35	21°46	25°50	9°39	6°D32	7°42	0°26	n.a.	M24
T 25	7 47 14	28°34'26	25°45	16°17	10°56	20°43	12°53	17°36	21°44	25°52	9°40	6°R32	7°39	0°33	n.a.	T 25
W26	7 51 10	29°34'37	9♉46	16°53	12° 5	21°29	13° 4	17°37	21°41	25°54	9°41	6°32	7°36	0°40	n.a.	W26
T 27	7 55 7	0♒34'45	24° 1	17°20	13°14	22°14	13°16	17°37	21°39	25°56	9°42	6°30	7°33	0°46	n.a.	T 27
F 28	7 59 3	1°34'52	8♊29	17°38	14°22	23° 0	13°27	17°38	21°37	25°58	9°43	6°25	7°30	0°53	n.a.	F 28
S 29	8 3 0	2°34'56	23° 6	17°R47	15°31	23°46	13°39	17°38	21°34	26° 0	9°44	6°18	7°27	1° 0	n.a.	S 29
S 30	8 6 57	3°34'58	7♋46	17°45	16°39	24°31	13°50	17°38	21°32	26° 2	9°45	6° 9	7°23	1° 6	n.a.	S 30
M31	8 10 53	4♒34'58	22♋23	17♒35	17♓47	25♒17	14♐ 1	17♎39	21♌29	26♐ 4	9♓47	5♈59	7♈20	1♐13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s42	27n17	4n32	25s27	1s59	18s37	1s26	21s 1	1s 7	21s42	0n14	4s24	2n29	14n58	0n48	23s 4	0n36	23s53	17s 4	3n43	3n35	23s45		n.a.
S 2	23 40	28 42	4 55	25 17	1 58	18 14	1 23	20 50	1 6	21 44	0 14	4 25	2 29	14 58	0 48	23 4	0 36	23 52	17 4	3 39	3 34	23 47		n.a.
M 3	23 37	27 58	4 59	25 5	1 55	17 50	1 21	20 39	1 6	21 46	0 14	4 26	2 30	14 59	0 48	23 4	0 36	23 52	17 3	3 34	3 33	23 49		n.a.
T 4	23 34	25 18	4 42	24 51	1 53	17 26	1 19	20 27	1 5	21 48	0 14	4 27	2 30	14 59	0 48	23 5	0 36	23 51	17 3	3 30	3 31	23 51		n.a.
W 5	23 30	21 6	4 8	24 35	1 49	17 2	1 16	20 15	1 5	21 51	0 14	4 28	2 30	15 0	0 48	23 5	0 36	23 51	17 3	3 26	3 30	23 53		n.a.
T 6	23 26	15 52	3 20	24 17	1 45	16 37	1 14	20 3	1 5	21 53	0 14	4 29	2 30	15 0	0 48	23 5	0 36	23 50	17 2	3 23	3 29	23 55		n.a.
F 7	23 21	10 3	2 23	23 57	1 41	16 12	1 11	19 51	1 4	21 55	0 13	4 30	2 30	15 1	0 48	23 5	0 36	23 49	17 2	3 21	3 28	23 57		n.a.
S 8	23 16	4 0	1 19	23 35	1 35	15 46	1 8	19 38	1 4	21 57	0 13	4 30	2 31	15 1	0 48	23 5	0 36	23 49	17 2	3 20	3 26	23 59		n.a.
S 9	23 11	2s 1	0 14	23 11	1 29	15 20	1 6	19 26	1 3	21 59	0 13	4 31	2 31	15 2	0 48	23 5	0 36	23 48	17 2	3 20	3 25	24 1		n.a.
M10	23 5	7 50	0s50	22 45	1 22	14 54	1 3	19 13	1 3	22 1	0 13	4 32	2 31	15 3	0 48	23 5	0 36	23 48	17 1	3 20	3 24	24 3		n.a.
T 11	22 59	13 15	1 51	22 17	1 15	14 27	1 0	19 0	1 2	22 3	0 13	4 32	2 31	15 3	0 48	23 5	0 36	23 47	17 1	3 19	3 22	24 5		n.a.
W12	22 52	18 8	2 46	21 47	1 7	14 0	0 57	18 47	1 2	22 5	0 13	4 33	2 32	15 4	0 48	23 5	0 36	23 46	17 1	3 18	3 21	24 8		n.a.
T 13	22 44	22 19	3 34	21 16	0 57	13 33	0 54	18 33	1 2	22 7	0 13	4 34	2 32	15 5	0 48	23 5	0 36	23 46	17 0	3 16	3 20	24 10		n.a.
F 14	22 37	25 37	4 13	20 44	0 48	13 5	0 50	18 20	1 1	22 9	0 13	4 34	2 32	15 5	0 48	23 5	0 36	23 45	17 0	3 13	3 19	24 12		n.a.
S 15	22 28	27 48	4 41	20 10	0 37	12 37	0 47	18 6	1 1	22 11	0 13	4 35	2 32	15 6	0 48	23 6	0 36	23 44	17 0	3 9	3 17	24 14		n.a.
S 16	22 20	28 43	4 57	19 35	0 26	12 9	0 44	17 52	1 0	22 12	0 13	4 35	2 33	15 7	0 48	23 6	0 36	23 44	16 59	3 4	3 16	24 16		n.a.
M17	22 11	28 15	4 59	19 0	0 13	11 40	0 40	17 38	1 0	22 14	0 13	4 35	2 33	15 7	0 48	23 6	0 36	23 43	16 59	2 58	3 15	24 18		n.a.
T 18	22 1	26 22	4 48	18 24	0 1	11 11	0 37	17 24	0 59	22 16	0 13	4 36	2 33	15 8	0 48	23 6	0 36	23 43	16 59	2 53	3 14	24 20		n.a.
W19	21 52	23 10	4 22	17 48	0n13	10 42	0 33	17 10	0 59	22 18	0 12	4 36	2 33	15 9	0 48	23 6	0 36	23 42	16 59	2 48	3 12	24 22		n.a.
T 20	21 41	18 50	3 43	17 12	0 27	10 13	0 30	16 55	0 58	22 20	0 12	4 36	2 34	15 10	0 48	23 6	0 36	23 41	16 58	2 43	3 11	24 24		n.a.
F 21	21 31	13 34	2 52	16 37	0 42	9 44	0 26	16 40	0 58	22 21	0 12	4 37	2 34	15 10	0 48	23 6	0 36	23 41	16 58	2 40	3 10	24 26		n.a.
S 22	21 20	7 38	1 51	16 3	0 57	9 14	0 22	16 26	0 57	22 23	0 12	4 37	2 34	15 11	0 48	23 6	0 36	23 40	16 58	2 39	3 9	24 28		n.a.
S 23	21 8	1 16	0 43	15 31	1 12	8 44	0 18	16 11	0 57	22 25	0 12	4 37	2 34	15 12	0 48	23 6	0 36	23 39	16 58	2 38	3 7	24 30		n.a.
M24	20 56	5n15	0n29	15 0	1 28	8 14	0 14	15 56	0 56	22 26	0 12	4 37	2 35	15 13	0 48	23 6	0 36	23 39	16 57	2 38	3 6	24 32		n.a.
T 25	20 44	11 38	1 40	14 32	1 44	7 44	0 10	15 40	0 56	22 28	0 12	4 37	2 35	15 13	0 48	23 6	0 36	23 38	16 57	2 38	3 5	24 34		n.a.
W26	20 31	17 34	2 47	14 6	1 59	7 13	0 6	15 25	0 56	22 29	0 12	4 37	2 35	15 14	0 48	23 6	0 36	23 37	16 57	2 38	3 3	24 36		n.a.
T 27	20 18	22 39	3 44	13 43	2 14	6 43	0 2	15 10	0 55	22 31	0 12	4 37	2 35	15 15	0 49	23 6	0 36	23 37	16 57	2 37	3 2	24 38		n.a.
F 28	20 5	26 26	4 28	13 24	2 29	6 12	0n 2	14 54	0 55	22 32	0 12	4 37	2 36	15 16	0 49	23 6	0 36	23 36	16 56	2 35	3 1	24 40		n.a.
S 29	19 51	28 30	4 55	13 8	2 44	5 41	0 6	14 38	0 54	22 34	0 12	4 37	2 36	15 17	0 49	23 6	0 36	23 35	16 56	2 32	3 0	24 42		n.a.
S 30	19 37	28 35	5 3	12 55	2 57	5 11	0 11	14 22	0 53	22 35	0 11	4 37	2 36	15 17	0 49	23 7	0 36	23 35	16 56	2 29	2 58	24 44		n.a.
M31	19s23	26n40	4n51	12s46	3n 9	4s40	0n15	14s 6	0s53	22s37	0n11	4s37	2n36	15n18	0n49	23s 7	0n36	23s34	16s56	2n25	2n57	24s46		n.a.

Julian Day Number = 1488393.5, Delta T = 05h16m47s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'05, Lahiri = -12°46'05 Julian Calendar 1 Jan. 638 BCE == Greg. Calendar 25 Dec. 639 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

FEBRUARY 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 14 50	5♒34'56	6♌48	17°R16	18♓55	26♒ 2	14♐12	17♎39	21°R27	26♐ 6	9♓48	5°R49	7♈17	1♐20	n.a.	T 1
W 2	8 18 46	6°34'52	20°55	16♒48	20° 3	26°48	14°23	17°R39	21♌24	26° 8	9°49	5♈41	7°14	1°27	n.a.	W 2
T 3	8 22 43	7°34'45	4♍39	16°13	21°11	27°33	14°34	17°39	21°22	26° 9	9°50	5°35	7°11	1°33	n.a.	T 3
F 4	8 26 39	8°34'37	17°59	15°31	22°18	28°19	14°45	17°39	21°19	26°11	9°52	5°31	7° 8	1°40	n.a.	F 4
S 5	8 30 36	9°34'27	0♎54	14°44	23°25	29° 4	14°56	17°38	21°17	26°13	9°53	5°D29	7° 4	1°47	n.a.	S 5
S 6	8 34 32	10°34'15	13°27	13°52	24°32	29°49	15° 7	17°38	21°14	26°15	9°54	5°29	7° 1	1°53	n.a.	S 6
M 7	8 38 29	11°34'01	25°42	12°56	25°39	0♓35	15°17	17°37	21°12	26°17	9°55	5°30	6°58	2° 0	n.a.	M 7
T 8	8 42 26	12°33'45	7♏43	11°59	26°45	1°20	15°28	17°37	21° 9	26°18	9°57	5°R31	6°55	2° 7	n.a.	T 8
W 9	8 46 22	13°33'27	19°36	11° 1	27°51	2° 5	15°38	17°36	21° 7	26°20	9°58	5°31	6°52	2°13	n.a.	W 9
T 10	8 50 19	14°33'08	1♐27	10° 4	28°57	2°50	15°49	17°35	21° 4	26°22	9°59	5°29	6°48	2°20	n.a.	T 10
F 11	8 54 15	15°32'46	13°19	9° 8	0♈ 3	3°35	15°59	17°35	21° 1	26°23	10° 1	5°26	6°45	2°27	n.a.	F 11
S 12	8 58 12	16°32'23	25°17	8°15	1° 9	4°20	16° 9	17°34	20°59	26°25	10° 2	5°20	6°42	2°34	n.a.	S 12
S 13	9 2 8	17°31'58	7♑26	7°26	2°14	5° 5	16°19	17°32	20°56	26°27	10° 3	5°12	6°39	2°40	n.a.	S 13
M14	9 6 5	18°31'31	19°47	6°42	3°19	5°50	16°29	17°31	20°54	26°28	10° 5	5° 4	6°36	2°47	n.a.	M14
T 15	9 10 1	19°31'02	2♒23	6° 3	4°24	6°35	16°38	17°30	20°51	26°30	10° 6	4°55	6°33	2°54	n.a.	T 15
W16	9 13 58	20°30'30	15°14	5°29	5°29	7°20	16°48	17°29	20°48	26°31	10° 7	4°47	6°29	3° 0	n.a.	W16
T 17	9 17 55	21°29'57	28°19	5° 1	6°33	8° 5	16°57	17°27	20°46	26°33	10° 9	4°41	6°26	3° 7	n.a.	T 17
F 18	9 21 51	22°29'21	11♓37	4°38	7°37	8°50	17° 7	17°26	20°43	26°34	10°10	4°36	6°23	3°14	n.a.	F 18
S 19	9 25 48	23°28'43	25° 8	4°22	8°40	9°34	17°16	17°24	20°41	26°36	10°12	4°34	6°20	3°20	n.a.	S 19
S 20	9 29 44	24°28'03	8♈49	4°12	9°44	10°19	17°25	17°22	20°38	26°37	10°13	4°D34	6°17	3°27	n.a.	S 20
M21	9 33 41	25°27'20	22°39	4°D 8	10°47	11° 4	17°34	17°20	20°35	26°39	10°14	4°35	6°14	3°34	n.a.	M21
T 22	9 37 37	26°26'35	6♉36	4°10	11°49	11°48	17°43	17°19	20°33	26°40	10°16	4°36	6°10	3°41	n.a.	T 22
W23	9 41 34	27°25'47	20°41	4°17	12°52	12°33	17°52	17°17	20°30	26°41	10°17	4°R37	6° 7	3°47	n.a.	W23
T 24	9 45 30	28°24'57	4♊51	4°29	13°54	13°17	18° 1	17°14	20°28	26°43	10°18	4°37	6° 4	3°54	n.a.	T 24
F 25	9 49 27	29°24'05	19° 5	4°47	14°56	14° 2	18° 9	17°12	20°25	26°44	10°20	4°36	6° 1	4° 1	n.a.	F 25
S 26	9 53 24	0♓23'10	3♋20	5°10	15°57	14°46	18°18	17°10	20°22	26°45	10°21	4°33	5°58	4° 7	n.a.	S 26
S 27	9 57 20	1°22'12	17°33	5°37	16°58	15°30	18°26	17° 8	20°20	26°46	10°23	4°28	5°54	4°14	n.a.	S 27
M28	10 1 17	2♓21'13	1♌40	6♒ 8	17♈58	16♓15	18♐34	17♎ 5	20♌17	26♐48	10♓24	4♈24	5♈51	4♐21	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 8	23n 2	4n21	12s42	3n20	4s 9	0n19	13s50	0s52	22s38	0n11	4s37	2n37	15n19	0n49	23s 7	0n36	23s33	16s56	2n21	2n56	24s47		n.a.
W 2	18 53	18 6	3 35	12 41	3 30	3 38	0 24	13 34	0 52	22 40	0 11	4 37	2 37	15 20	0 49	23 7	0 36	23 33	16 55	2 17	2 55	24 49		n.a.
T 3	18 38	12 22	2 37	12 44	3 38	3 7	0 28	13 18	0 51	22 41	0 11	4 36	2 37	15 21	0 49	23 7	0 36	23 32	16 55	2 15	2 53	24 51		n.a.
F 4	18 22	6 14	1 32	12 50	3 44	2 36	0 33	13 1	0 51	22 42	0 11	4 36	2 37	15 22	0 49	23 7	0 36	23 31	16 55	2 13	2 52	24 53		n.a.
S 5	18 6	0 1	0 25	13 0	3 49	2 5	0 38	12 45	0 50	22 44	0 11	4 36	2 37	15 22	0 49	23 7	0 36	23 31	16 55	2 13	2 51	24 55		n.a.
S 6	17 50	6s 2	0s43	13 13	3 51	1 33	0 42	12 28	0 50	22 45	0 11	4 35	2 38	15 23	0 49	23 7	0 36	23 30	16 55	2 13	2 49	24 57		n.a.
M 7	17 33	11 43	1 46	13 28	3 51	1 2	0 47	12 11	0 49	22 46	0 11	4 35	2 38	15 24	0 49	23 7	0 36	23 29	16 54	2 13	2 48	24 59		n.a.
T 8	17 16	16 52	2 44	13 46	3 49	0 31	0 52	11 55	0 49	22 48	0 11	4 35	2 38	15 25	0 49	23 7	0 36	23 29	16 54	2 13	2 47	25 1		n.a.
W 9	16 59	21 19	3 34	14 6	3 45	0 0	0 56	11 38	0 48	22 49	0 11	4 34	2 38	15 26	0 49	23 7	0 36	23 28	16 54	2 13	2 46	25 3		n.a.
T 10	16 42	24 54	4 15	14 27	3 40	0n31	1 1	11 21	0 48	22 50	0 10	4 34	2 39	15 27	0 49	23 7	0 36	23 27	16 54	2 13	2 44	25 5		n.a.
F 11	16 24	27 25	4 45	14 49	3 32	1 2	1 6	11 4	0 47	22 51	0 10	4 33	2 39	15 27	0 49	23 7	0 36	23 27	16 54	2 11	2 43	25 6		n.a.
S 12	16 6	28 44	5 2	15 11	3 23	1 33	1 11	10 47	0 47	22 52	0 10	4 32	2 39	15 28	0 49	23 7	0 36	23 26	16 54	2 9	2 42	25 8		n.a.
S 13	15 48	28 40	5 7	15 34	3 13	2 3	1 16	10 29	0 46	22 53	0 10	4 32	2 39	15 29	0 49	23 7	0 36	23 25	16 54	2 6	2 41	25 10		n.a.
M14	15 29	27 11	4 57	15 56	3 1	2 34	1 21	10 12	0 46	22 55	0 10	4 31	2 40	15 30	0 49	23 7	0 36	23 25	16 53	2 2	2 39	25 12		n.a.
T 15	15 10	24 20	4 33	16 18	2 49	3 5	1 26	9 55	0 45	22 56	0 10	4 30	2 40	15 31	0 49	23 7	0 36	23 24	16 53	1 59	2 38	25 14		n.a.
W16	14 51	20 13	3 55	16 39	2 36	3 35	1 31	9 37	0 44	22 57	0 10	4 30	2 40	15 32	0 49	23 7	0 36	23 23	16 53	1 56	2 37	25 16		n.a.
T 17	14 32	15 5	3 3	16 59	2 22	4 6	1 36	9 20	0 44	22 58	0 10	4 29	2 40	15 33	0 49	23 7	0 36	23 23	16 53	1 53	2 35	25 18		n.a.
F 18	14 13	9 10	2 1	17 18	2 8	4 36	1 41	9 2	0 43	22 59	0 10	4 28	2 40	15 33	0 49	23 7	0 36	23 22	16 53	1 51	2 34	25 19		n.a.
S 19	13 53	2 44	0 51	17 36	1 53	5 6	1 46	8 45	0 43	23 0	0 10	4 27	2 41	15 34	0 49	23 7	0 36	23 21	16 53	1 50	2 33	25 21		n.a.
S 20	13 33	3n54	0n23	17 53	1 39	5 36	1 51	8 27	0 42	23 1	0 10	4 26	2 41	15 35	0 49	23 7	0 36	23 21	16 53	1 50	2 32	25 23		n.a.
M21	13 13	10 25	1 37	18 8	1 24	6 6	1 56	8 10	0 42	23 2	0 9	4 26	2 41	15 36	0 49	23 7	0 36	23 20	16 53	1 51	2 30	25 25		n.a.
T 22	12 53	16 30	2 45	18 22	1 10	6 35	2 1	7 52	0 41	23 3	0 9	4 25	2 41	15 37	0 49	23 8	0 36	23 19	16 52	1 51	2 29	25 27		n.a.
W23	12 32	21 46	3 44	18 34	0 55	7 5	2 6	7 34	0 40	23 4	0 9	4 24	2 42	15 38	0 49	23 8	0 36	23 19	16 52	1 52	2 28	25 28		n.a.
T 24	12 11	25 50	4 30	18 44	0 41	7 34	2 11	7 16	0 40	23 4	0 9	4 23	2 42	15 38	0 49	23 8	0 36	23 18	16 52	1 52	2 27	25 30		n.a.
F 25	11 50	28 18	5 0	18 53	0 28	8 3	2 16	6 58	0 39	23 5	0 9	4 22	2 42	15 39	0 49	23 8	0 36	23 18	16 52	1 51	2 25	25 32		n.a.
S 26	11 29	28 55	5 11	19 1	0 15	8 32	2 21	6 40	0 39	23 6	0 9	4 21	2 42	15 40	0 49	23 8	0 36	23 17	16 52	1 50	2 24	25 34		n.a.
S 27	11 8	27 37	5 3	19 6	0 2	9 0	2 26	6 23	0 38	23 7	0 9	4 19	2 42	15 41	0 49	23 8	0 36	23 16	16 52	1 48	2 23	25 35		n.a.
M28	10s47	24n34	4n37	19s10	0s11	9n28	2n31	6s 5	0s38	23s 8	0n 9	4s18	2n42	15n42	0n49	23s 8	0n36	23s16	16s52	1n46	2n21	25s37		n.a.

Julian Day Number = 1488424.5, Delta T = 05h16m46s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°53'01, Lahiri = -12°46'01 Julian Calendar 1 Feb. 638 BCE == Greg. Calendar 25 Jan. 638 BCE

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

MARCH 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 5 13	3♓20'10	15♌37	6♒44	18♈58	16♓59	18♐42	17°R 3	20°R15	26♐49	10♓26	4°R19	5♈48	4♐27	n.a.	T 1
W 2	10 9 10	4°19'06	29°21	7°24	19°58	17°43	18°50	17♎ 0	20♌12	26°50	10°27	4♈14	5°45	4°34	n.a.	W 2
T 3	10 13 6	5°17'59	12♍47	8° 7	20°57	18°27	18°58	16°57	20°10	26°51	10°28	4°12	5°42	4°41	n.a.	T 3
F 4	10 17 3	6°16'51	25°54	8°54	21°56	19°11	19° 5	16°55	20° 7	26°52	10°30	4°10	5°39	4°48	n.a.	F 4
S 5	10 20 59	7°15'40	8♎43	9°45	22°54	19°55	19°13	16°52	20° 5	26°53	10°31	4°D10	5°35	4°54	n.a.	S 5
S 6	10 24 56	8°14'27	21°13	10°38	23°52	20°39	19°20	16°49	20° 3	26°54	10°33	4°11	5°32	5° 1	n.a.	S 6
M 7	10 28 52	9°13'12	3♏28	11°35	24°50	21°23	19°27	16°46	20° 0	26°55	10°34	4°12	5°29	5° 8	n.a.	M 7
T 8	10 32 49	10°11'56	15°31	12°34	25°47	22° 7	19°34	16°43	19°58	26°56	10°36	4°14	5°26	5°14	n.a.	T 8
W 9	10 36 46	11°10'37	27°27	13°37	26°43	22°51	19°41	16°40	19°55	26°57	10°37	4°15	5°23	5°21	n.a.	W 9
T 10	10 40 42	12° 9'17	9♐19	14°41	27°39	23°35	19°48	16°36	19°53	26°58	10°39	4°R16	5°20	5°28	n.a.	T 10
F 11	10 44 39	13° 7'55	21°13	15°49	28°34	24°18	19°54	16°33	19°51	26°59	10°40	4°16	5°16	5°35	n.a.	F 11
S 12	10 48 35	14° 6'32	3♑13	16°59	29°29	25° 2	20° 1	16°30	19°48	27° 0	10°41	4°15	5°13	5°41	n.a.	S 12
S 13	10 52 32	15° 5'06	15°23	18°11	0♉23	25°46	20° 7	16°26	19°46	27° 1	10°43	4°13	5°10	5°48	n.a.	S 13
M14	10 56 28	16° 3'39	27°49	19°25	1°17	26°29	20°13	16°23	19°44	27° 1	10°44	4°10	5° 7	5°55	n.a.	M14
T 15	11 0 25	17° 2'10	10♒31	20°42	2°10	27°13	20°19	16°19	19°42	27° 2	10°46	4° 8	5° 4	6° 1	n.a.	T 15
W16	11 4 21	18° 0'39	23°33	22° 0	3° 2	27°56	20°25	16°16	19°39	27° 3	10°47	4° 5	5° 0	6° 8	n.a.	W16
T 17	11 8 18	18°59'06	6♓54	23°21	3°54	28°40	20°31	16°12	19°37	27° 3	10°49	4° 3	4°57	6°15	n.a.	T 17
F 18	11 12 15	19°57'31	20°34	24°44	4°45	29°23	20°36	16° 9	19°35	27° 4	10°50	4° 2	4°54	6°21	n.a.	F 18
S 19	11 16 11	20°55'54	4♈29	26° 8	5°35	0♈ 6	20°41	16° 5	19°33	27° 5	10°51	4°D 2	4°51	6°28	n.a.	S 19
S 20	11 20 8	21°54'15	18°37	27°35	6°24	0°50	20°47	16° 1	19°31	27° 5	10°53	4° 2	4°48	6°35	n.a.	S 20
M21	11 24 4	22°52'33	2♉54	29° 3	7°13	1°33	20°52	15°57	19°29	27° 6	10°54	4° 3	4°45	6°42	n.a.	M21
T 22	11 28 1	23°50'50	17°14	0♓34	8° 1	2°16	20°56	15°53	19°27	27° 6	10°56	4° 4	4°41	6°48	n.a.	T 22
W23	11 31 57	24°49'05	1♊35	2° 6	8°48	2°59	21° 1	15°49	19°25	27° 7	10°57	4° 5	4°38	6°55	n.a.	W23
T 24	11 35 54	25°47'18	15°53	3°40	9°34	3°42	21° 5	15°45	19°23	27° 7	10°58	4° 5	4°35	7° 2	n.a.	T 24
F 25	11 39 50	26°45'28	0♋ 5	5°16	10°19	4°25	21°10	15°41	19°21	27° 8	11° 0	4°R 5	4°32	7° 8	n.a.	F 25
S 26	11 43 47	27°43'37	14° 9	6°53	11° 4	5° 8	21°14	15°37	19°19	27° 8	11° 1	4° 5	4°29	7°15	n.a.	S 26
S 27	11 47 43	28°41'43	28° 3	8°33	11°47	5°51	21°18	15°33	19°17	27° 8	11° 3	4° 5	4°25	7°22	n.a.	S 27
M28	11 51 40	29°39'47	11♌45	10°14	12°29	6°34	21°22	15°29	19°15	27° 9	11° 4	4° 4	4°22	7°29	n.a.	M28
T 29	11 55 37	0♈37'49	25°15	11°57	13°11	7°17	21°25	15°25	19°14	27° 9	11° 5	4° 4	4°19	7°35	n.a.	T 29
W30	11 59 33	1°35'49	8♍31	13°42	13°51	8° 0	21°29	15°20	19°12	27° 9	11° 7	4° 3	4°16	7°42	n.a.	W30
T 31	12 3 30	2♈33'47	21♍34	15♓28	14♉30	8♈42	21♐32	15♎16	19♌10	27♐10	11♓ 8	4♈ 3	4♈13	7♐49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10s25	20n 6	3n54	19s13	0s23	9n56	2n37	5s47	0s37	23s 9	0n 9	4s17	2n43	15n42	0n49	23s 8	0n36	23s15	16s52	1n44	2n20	25s39			n.a.
W 2	10 4	14 39	2 59	19 14	0 34	10 24	2 42	5 29	0 36	23 9	0 9	4 16	2 43	15 43	0 49	23 8	0 36	23 14	16 52	1 43	2 19	25 41			n.a.
T 3	9 42	8 37	1 54	19 13	0 45	10 51	2 47	5 11	0 36	23 10	0 8	4 15	2 43	15 44	0 49	23 8	0 36	23 14	16 52	1 41	2 18	25 42			n.a.
F 4	9 20	2 20	0 45	19 10	0 55	11 18	2 52	4 53	0 35	23 11	0 8	4 14	2 43	15 45	0 49	23 8	0 36	23 13	16 52	1 41	2 16	25 44			n.a.
S 5	8 58	3s53	0s25	19 6	1 5	11 45	2 57	4 35	0 35	23 12	0 8	4 12	2 43	15 46	0 49	23 8	0 36	23 13	16 52	1 41	2 15	25 46			n.a.
S 6	8 36	9 49	1 32	19 0	1 15	12 12	3 1	4 16	0 34	23 12	0 8	4 11	2 44	15 46	0 49	23 8	0 36	23 12	16 52	1 41	2 14	25 48			n.a.
M 7	8 13	15 15	2 34	18 53	1 23	12 38	3 6	3 58	0 33	23 13	0 8	4 10	2 44	15 47	0 49	23 8	0 36	23 12	16 52	1 42	2 12	25 49			n.a.
T 8	7 51	20 2	3 28	18 44	1 32	13 3	3 11	3 40	0 33	23 14	0 8	4 8	2 44	15 48	0 49	23 8	0 37	23 11	16 52	1 42	2 11	25 51			n.a.
W 9	7 28	23 57	4 12	18 33	1 39	13 29	3 16	3 22	0 32	23 14	0 8	4 7	2 44	15 49	0 49	23 8	0 37	23 10	16 52	1 43	2 10	25 53			n.a.
T 10	7 6	26 51	4 46	18 21	1 46	13 54	3 21	3 4	0 32	23 15	0 8	4 6	2 44	15 49	0 49	23 8	0 37	23 10	16 52	1 43	2 9	25 54			n.a.
F 11	6 43	28 35	5 7	18 7	1 53	14 19	3 26	2 46	0 31	23 15	0 8	4 4	2 44	15 50	0 49	23 8	0 37	23 9	16 52	1 43	2 7	25 56			n.a.
S 12	6 20	28 59	5 15	17 51	1 59	14 43	3 30	2 28	0 30	23 16	0 8	4 3	2 44	15 51	0 49	23 8	0 37	23 9	16 52	1 43	2 6	25 58			n.a.
S 13	5 57	27 59	5 9	17 34	2 5	15 7	3 35	2 10	0 30	23 17	0 7	4 1	2 45	15 52	0 49	23 8	0 37	23 8	16 52	1 42	2 5	25 59			n.a.
M14	5 34	25 36	4 49	17 15	2 10	15 30	3 39	1 52	0 29	23 17	0 7	4 0	2 45	15 52	0 49	23 8	0 37	23 8	16 52	1 41	2 4	26 1			n.a.
T 15	5 11	21 54	4 14	16 55	2 14	15 53	3 44	1 34	0 29	23 18	0 7	3 58	2 45	15 53	0 49	23 8	0 37	23 7	16 52	1 40	2 2	26 3			n.a.
W16	4 48	17 5	3 25	16 33	2 18	16 16	3 48	1 16	0 28	23 18	0 7	3 57	2 45	15 54	0 48	23 8	0 37	23 7	16 52	1 39	2 1	26 4			n.a.
T 17	4 25	11 20	2 24	16 9	2 22	16 38	3 53	0 58	0 27	23 19	0 7	3 55	2 45	15 54	0 48	23 8	0 37	23 6	16 52	1 38	2 0	26 6			n.a.
F 18	4 2	4 55	1 14	15 44	2 24	17 0	3 57	0 39	0 27	23 19	0 7	3 54	2 45	15 55	0 48	23 8	0 37	23 5	16 52	1 38	1 58	26 7			n.a.
S 19	3 39	1n51	0n 3	15 17	2 27	17 21	4 1	0 21	0 26	23 20	0 7	3 52	2 45	15 56	0 48	23 8	0 37	23 5	16 52	1 37	1 57	26 9			n.a.
S 20	3 15	8 37	1 20	14 48	2 29	17 42	4 5	0 3	0 26	23 20	0 7	3 51	2 46	15 56	0 48	23 8	0 37	23 4	16 52	1 38	1 56	26 11			n.a.
M21	2 52	15 2	2 33	14 18	2 30	18 2	4 9	0n15	0 25	23 21	0 7	3 49	2 46	15 57	0 48	23 8	0 37	23 4	16 52	1 38	1 55	26 12			n.a.
T 22	2 29	20 41	3 37	13 46	2 30	18 22	4 13	0 32	0 24	23 21	0 6	3 47	2 46	15 58	0 48	23 8	0 37	23 3	16 52	1 38	1 53	26 14			n.a.
W23	2 5	25 7	4 27	13 13	2 31	18 41	4 17	0 50	0 24	23 22	0 6	3 46	2 46	15 58	0 48	23 8	0 37	23 3	16 52	1 39	1 52	26 15			n.a.
T 24	1 42	28 0	5 1	12 38	2 30	18 59	4 21	1 8	0 23	23 22	0 6	3 44	2 46	15 59	0 48	23 8	0 37	23 3	16 52	1 39	1 51	26 17			n.a.
F 25	1 18	29 2	5 16	12 1	2 29	19 18	4 24	1 26	0 23	23 22	0 6	3 43	2 46	15 59	0 48	23 8	0 37	23 2	16 53	1 39	1 49	26 19			n.a.
S 26	0 55	28 11	5 12	11 23	2 28	19 35	4 28	1 44	0 22	23 23	0 6	3 41	2 46	16 0	0 48	23 8	0 37	23 2	16 53	1 39	1 48	26 20			n.a.
S 27	0 32	25 34	4 49	10 43	2 26	19 52	4 31	2 2	0 21	23 23	0 6	3 39	2 46	16 0	0 48	23 8	0 37	23 1	16 53	1 39	1 47	26 22			n.a.
M28	0 8	21 31	4 11	10 2	2 23	20 9	4 34	2 20	0 21	23 24	0 6	3 38	2 46	16 1	0 48	23 8	0 37	23 1	16 53	1 38	1 46	26 23			n.a.
T 29	0n15	16 24	3 19	9 19	2 20	20 25	4 37	2 37	0 20	23 24	0 6	3 36	2 46	16 2	0 48	23 8	0 37	23 0	16 53	1 38	1 44	26 25			n.a.
W30	0 39	10 36	2 17	8 35	2 16	20 40	4 40	2 55	0 20	23 24	0 6	3 34	2 46	16 2	0 48	23 8	0 37	23 0	16 53	1 38	1 43	26 26			n.a.
T 31	1n 2	4n26	1n 9	7s49	2s12	20n55	4n43	3n13	0s19	23s25	0n 5	3s32	2n46	16n 3	0n48	23s 8	0n37	22s59	16s53	1n38	1n42	26s28			n.a.

Julian Day Number = 1488452.5, Delta T = 05h16m44s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'57, Lahiri = -12°45'57 Julian Calendar 1 March 638 BCE == Greg. Calendar 22 Feb. 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

APRIL 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 7 26	3♈31'43	4♎22	17♓17	15♉ 8	9♈25	21♐35	15°R12	19°R 9	27♐10	11♓ 9	4°R 3	4♈10	7♐55	n.a.	F 1
S 2	12 11 23	4°29'38	16°57	19° 7	15°44	10° 8	21°38	15♎ 8	19♌ 7	27°10	11°11	4♈ 3	4° 6	8° 2	n.a.	S 2
S 3	12 15 19	5°27'31	29°18	20°59	16°20	10°50	21°41	15° 3	19° 5	27°10	11°12	4° 3	4° 3	8° 9	n.a.	S 3
M 4	12 19 16	6°25'22	11♏28	22°53	16°54	11°33	21°43	14°59	19° 4	27°10	11°13	4° 3	4° 0	8°15	n.a.	M 4
T 5	12 23 12	7°23'12	23°30	24°49	17°26	12°15	21°46	14°54	19° 3	27°10	11°15	4° 2	3°57	8°22	n.a.	T 5
W 6	12 27 9	8°21'01	5♐25	26°47	17°58	12°58	21°48	14°50	19° 1	27°10	11°16	4° 2	3°54	8°29	n.a.	W 6
T 7	12 31 6	9°18'48	17°17	28°46	18°27	13°40	21°50	14°46	19° 0	27°R10	11°17	4° 1	3°51	8°36	n.a.	T 7
F 8	12 35 2	10°16'34	29°11	0♈47	18°56	14°22	21°52	14°41	18°58	27°10	11°19	4° 1	3°47	8°42	n.a.	F 8
S 9	12 38 59	11°14'19	11♑10	2°50	19°22	15° 5	21°53	14°37	18°57	27°10	11°20	4°D 1	3°44	8°49	n.a.	S 9
S 10	12 42 55	12°12'02	23°20	4°54	19°47	15°47	21°55	14°32	18°56	27°10	11°21	4° 1	3°41	8°56	n.a.	S 10
M11	12 46 52	13° 9'44	5♒45	7° 0	20°11	16°29	21°56	14°28	18°55	27°10	11°22	4° 2	3°38	9° 2	n.a.	M11
T 12	12 50 48	14° 7'25	18°28	9° 7	20°32	17°11	21°57	14°24	18°54	27°10	11°24	4° 2	3°35	9° 9	n.a.	T 12
W13	12 54 45	15° 5'05	1♓34	11°15	20°52	17°53	21°58	14°19	18°52	27°10	11°25	4° 3	3°31	9°16	n.a.	W13
T 14	12 58 41	16° 2'43	15° 2	13°24	21°10	18°35	21°59	14°15	18°51	27° 9	11°26	4° 4	3°28	9°23	n.a.	T 14
F 15	13 2 38	17° 0'20	28°55	15°35	21°26	19°17	21°59	14°10	18°50	27° 9	11°27	4°R 5	3°25	9°29	n.a.	F 15
S 16	13 6 35	17°57'56	13♈ 9	17°45	21°40	19°59	21°59	14° 6	18°49	27° 9	11°29	4° 5	3°22	9°36	n.a.	S 16
S 17	13 10 31	18°55'31	27°41	19°57	21°52	20°41	22°R 0	14° 1	18°49	27° 8	11°30	4° 4	3°19	9°43	n.a.	S 17
M18	13 14 28	19°53'04	12♉24	22° 8	22° 2	21°23	21°59	13°57	18°48	27° 8	11°31	4° 2	3°16	9°49	n.a.	M18
T 19	13 18 24	20°50'36	27°11	24°19	22°10	22° 5	21°59	13°52	18°47	27° 8	11°32	4° 0	3°12	9°56	n.a.	T 19
W20	13 22 21	21°48'07	11♊56	26°29	22°16	22°47	21°59	13°48	18°46	27° 7	11°33	3°58	3° 9	10° 3	n.a.	W20
T 21	13 26 17	22°45'36	26°31	28°39	22°19	23°28	21°58	13°44	18°45	27° 7	11°34	3°56	3° 6	10°10	n.a.	T 21
F 22	13 30 14	23°43'03	10♋51	0♉48	22°R20	24°10	21°57	13°39	18°45	27° 6	11°36	3°55	3° 3	10°16	n.a.	F 22
S 23	13 34 10	24°40'30	24°55	2°56	22°19	24°52	21°56	13°35	18°44	27° 6	11°37	3°D55	3° 0	10°23	n.a.	S 23
S 24	13 38 7	25°37'54	8♌40	5° 2	22°15	25°33	21°55	13°31	18°44	27° 5	11°38	3°55	2°57	10°30	n.a.	S 24
M25	13 42 4	26°35'18	22° 7	7° 7	22° 9	26°15	21°54	13°26	18°43	27° 5	11°39	3°56	2°53	10°36	n.a.	M25
T 26	13 46 0	27°32'39	5♍17	9°10	22° 0	26°56	21°52	13°22	18°43	27° 4	11°40	3°58	2°50	10°43	n.a.	T 26
W27	13 49 57	28°30'00	18°12	11°10	21°49	27°38	21°50	13°18	18°42	27° 4	11°41	3°59	2°47	10°50	n.a.	W27
T 28	13 53 53	29°27'19	0♎53	13° 9	21°36	28°19	21°48	13°14	18°42	27° 3	11°42	4°R 0	2°44	10°57	n.a.	T 28
F 29	13 57 50	0♉24'37	13°22	15° 5	21°20	29° 0	21°46	13°10	18°42	27° 2	11°43	3°59	2°41	11° 3	n.a.	F 29
S 30	14 1 46	1♉21'54	25♎41	16♉58	21♉ 1	29♈42	21♐44	13♎ 6	18♌41	27♐ 2	11♓44	3♈58	2♈37	11♐10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	1n25	1s47	0s 2	7s 2	2s 7	21n 9	4n46	3n30	0s18	23s25	0n 5	3s31	2n46	16n 3	0n48	23s 8	0n37	22s59	16s53	1n38	1n41	26s29			n.a.
S 2	1 49	7 50	1 11	6 13	2 2	21 22	4 48	3 48	0 18	23 25	0 5	3 29	2 46	16 4	0 48	23 8	0 37	22 59	16 53	1 38	1 39	26 31			n.a.
S 3	2 12	13 29	2 15	5 23	1 56	21 35	4 50	4 5	0 17	23 26	0 5	3 27	2 46	16 4	0 48	23 8	0 37	22 58	16 54	1 38	1 38	26 32			n.a.
M 4	2 35	18 32	3 13	4 32	1 49	21 47	4 52	4 23	0 17	23 26	0 5	3 26	2 47	16 4	0 48	23 8	0 37	22 58	16 54	1 38	1 37	26 34			n.a.
T 5	2 58	22 47	4 1	3 39	1 42	21 58	4 54	4 40	0 16	23 26	0 5	3 24	2 47	16 5	0 48	23 8	0 37	22 57	16 54	1 38	1 35	26 35			n.a.
W 6	3 21	26 4	4 38	2 45	1 35	22 9	4 56	4 57	0 15	23 26	0 5	3 22	2 47	16 5	0 48	23 8	0 37	22 57	16 54	1 37	1 34	26 37			n.a.
T 7	3 44	28 11	5 3	1 50	1 27	22 19	4 57	5 14	0 15	23 27	0 5	3 20	2 47	16 6	0 48	23 8	0 37	22 57	16 54	1 37	1 33	26 38			n.a.
F 8	4 7	29 2	5 16	0 53	1 19	22 28	4 58	5 32	0 14	23 27	0 4	3 19	2 47	16 6	0 48	23 8	0 37	22 56	16 54	1 37	1 32	26 40			n.a.
S 9	4 30	28 31	5 14	0n 4	1 10	22 36	4 59	5 49	0 13	23 27	0 4	3 17	2 47	16 6	0 48	23 8	0 37	22 56	16 55	1 37	1 30	26 41			n.a.
S 10	4 53	26 38	4 59	1 3	1 1	22 44	5 0	6 6	0 13	23 27	0 4	3 15	2 47	16 7	0 48	23 8	0 37	22 56	16 55	1 37	1 29	26 43			n.a.
M11	5 16	23 27	4 30	2 2	0 51	22 51	5 0	6 23	0 12	23 27	0 4	3 14	2 47	16 7	0 48	23 8	0 37	22 55	16 55	1 37	1 28	26 44			n.a.
T 12	5 39	19 5	3 46	3 2	0 42	22 57	5 0	6 40	0 12	23 28	0 4	3 12	2 47	16 8	0 48	23 8	0 37	22 55	16 55	1 38	1 26	26 46			n.a.
W13	6 1	13 43	2 50	4 2	0 31	23 2	5 0	6 57	0 11	23 28	0 4	3 10	2 47	16 8	0 48	23 8	0 37	22 55	16 55	1 38	1 25	26 47			n.a.
T 14	6 24	7 34	1 43	5 2	0 21	23 6	4 59	7 13	0 10	23 28	0 4	3 8	2 47	16 8	0 48	23 8	0 37	22 54	16 55	1 38	1 24	26 49			n.a.
F 15	6 46	0 52	0 29	6 3	0 11	23 10	4 58	7 30	0 10	23 28	0 4	3 7	2 46	16 8	0 48	23 8	0 37	22 54	16 56	1 39	1 23	26 50			n.a.
S 16	7 9	6n 2	0n50	7 4	0 0	23 12	4 57	7 47	0 9	23 28	0 3	3 5	2 46	16 9	0 48	23 8	0 37	22 54	16 56	1 39	1 21	26 51			n.a.
S 17	7 31	12 46	2 7	8 4	0n10	23 14	4 55	8 3	0 9	23 28	0 3	3 3	2 46	16 9	0 48	23 8	0 37	22 53	16 56	1 38	1 20	26 53			n.a.
M18	7 53	18 53	3 16	9 3	0 21	23 15	4 53	8 20	0 8	23 29	0 3	3 2	2 46	16 9	0 48	23 8	0 37	22 53	16 56	1 38	1 19	26 54			n.a.
T 19	8 15	23 54	4 13	10 2	0 31	23 15	4 51	8 36	0 7	23 29	0 3	3 0	2 46	16 9	0 47	23 8	0 37	22 53	16 57	1 37	1 18	26 56			n.a.
W20	8 37	27 21	4 52	11 0	0 42	23 13	4 48	8 53	0 7	23 29	0 3	2 58	2 46	16 10	0 47	23 8	0 37	22 53	16 57	1 36	1 16	26 57			n.a.
T 21	8 58	28 56	5 12	11 57	0 52	23 11	4 45	9 9	0 6	23 29	0 3	2 57	2 46	16 10	0 47	23 8	0 37	22 52	16 57	1 35	1 15	26 58			n.a.
F 22	9 20	28 31	5 13	12 52	1 1	23 8	4 41	9 25	0 6	23 29	0 3	2 55	2 46	16 10	0 47	23 8	0 37	22 52	16 57	1 35	1 14	27 0			n.a.
S 23	9 41	26 16	4 54	13 46	1 10	23 3	4 37	9 41	0 5	23 29	0 2	2 53	2 46	16 10	0 47	23 8	0 37	22 52	16 57	1 35	1 12	27 1			n.a.
S 24	10 3	22 30	4 19	14 37	1 19	22 58	4 32	9 57	0 4	23 29	0 2	2 52	2 46	16 10	0 47	23 8	0 37	22 52	16 58	1 35	1 11	27 2			n.a.
M25	10 24	17 38	3 30	15 27	1 27	22 51	4 27	10 13	0 4	23 29	0 2	2 50	2 46	16 10	0 47	23 8	0 37	22 51	16 58	1 35	1 10	27 4			n.a.
T 26	10 45	12 3	2 31	16 15	1 35	22 43	4 21	10 28	0 3	23 29	0 2	2 49	2 46	16 10	0 47	23 8	0 37	22 51	16 58	1 36	1 9	27 5			n.a.
W27	11 5	6 3	1 26	17 0	1 42	22 34	4 15	10 44	0 2	23 29	0 2	2 47	2 46	16 11	0 47	23 8	0 37	22 51	16 58	1 36	1 7	27 6			n.a.
T 28	11 26	0s 6	0 17	17 43	1 49	22 24	4 8	11 0	0 2	23 29	0 2	2 45	2 46	16 11	0 47	23 8	0 37	22 51	16 59	1 37	1 6	27 8			n.a.
F 29	11 46	6 8	0s51	18 24	1 54	22 13	4 1	11 15	0 1	23 29	0 2	2 44	2 46	16 11	0 47	23 8	0 37	22 51	16 59	1 36	1 5	27 9			n.a.
S 30	12n 7	11s52	1s56	19n 3	1n59	22n 0	3n53	11n31	0s 1	23s29	0n 1	2s42	2n45	16n11	0n47	23s 8	0n37	22s51	16s59	1n36	1n 3	27s10			n.a.

Julian Day Number = 1488483.5, Delta T = 05h16m43s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'53, Lahiri = -12°45'53 Julian Calendar 1 Apr. 638 BCE == Greg. Calendar 25 March 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

MAY 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 5 43	2♉19'11	7♏51	18♉50	20°R41	0♉23	21°R41	13°R 2	18°R41	27°R 1	11♓45	3°R55	2♈34	11♐17	n.a.	S 1
M 2	14 9 39	3°16'26	19°54	20°38	20♉18	1° 4	21♐39	12♎57	18♌41	27♐ 0	11°46	3♈51	2°31	11°23	n.a.	M 2
T 3	14 13 36	4°13'41	1♐51	22°24	19°53	1°45	21°36	12°53	18°41	26°59	11°47	3°46	2°28	11°30	n.a.	T 3
W 4	14 17 33	5°10'55	13°45	24° 8	19°26	2°26	21°33	12°50	18°D41	26°58	11°48	3°40	2°25	11°37	n.a.	W 4
T 5	14 21 29	6° 8'08	25°36	25°49	18°58	3° 7	21°30	12°46	18°41	26°58	11°49	3°35	2°22	11°44	n.a.	T 5
F 6	14 25 26	7° 5'21	7♑30	27°27	18°27	3°48	21°26	12°42	18°41	26°57	11°50	3°31	2°18	11°50	n.a.	F 6
S 7	14 29 22	8° 2'33	19°29	29° 2	17°55	4°29	21°23	12°38	18°41	26°56	11°51	3°28	2°15	11°57	n.a.	S 7
S 8	14 33 19	8°59'45	1♒37	0♊35	17°21	5°10	21°19	12°34	18°42	26°55	11°51	3°26	2°12	12° 4	n.a.	S 8
M 9	14 37 15	9°56'57	13°59	2° 5	16°46	5°51	21°15	12°31	18°42	26°54	11°52	3°D26	2° 9	12°10	n.a.	M 9
T 10	14 41 12	10°54'08	26°39	3°32	16°11	6°32	21°11	12°27	18°42	26°53	11°53	3°27	2° 6	12°17	n.a.	T 10
W11	14 45 8	11°51'18	9♓41	4°57	15°34	7°13	21° 7	12°23	18°42	26°52	11°54	3°28	2° 2	12°24	n.a.	W11
T 12	14 49 5	12°48'29	23° 9	6°19	14°57	7°54	21° 2	12°20	18°43	26°51	11°55	3°29	1°59	12°31	n.a.	T 12
F 13	14 53 2	13°45'39	7♈ 4	7°37	14°19	8°34	20°58	12°16	18°43	26°50	11°56	3°R30	1°56	12°37	n.a.	F 13
S 14	14 56 58	14°42'48	21°25	8°53	13°42	9°15	20°53	12°13	18°44	26°49	11°56	3°28	1°53	12°44	n.a.	S 14
S 15	15 0 55	15°39'58	6♉ 9	10° 6	13° 4	9°56	20°48	12°10	18°44	26°48	11°57	3°25	1°50	12°51	n.a.	S 15
M16	15 4 51	16°37'07	21°11	11°16	12°27	10°36	20°43	12° 6	18°45	26°47	11°58	3°20	1°47	12°57	n.a.	M16
T 17	15 8 48	17°34'16	6♊19	12°23	11°51	11°17	20°38	12° 3	18°46	26°45	11°59	3°14	1°43	13° 4	n.a.	T 17
W18	15 12 44	18°31'24	21°26	13°26	11°15	11°57	20°32	12° 0	18°46	26°44	11°59	3° 8	1°40	13°11	n.a.	W18
T 19	15 16 41	19°28'32	6♋20	14°27	10°41	12°38	20°27	11°57	18°47	26°43	12° 0	3° 2	1°37	13°18	n.a.	T 19
F 20	15 20 38	20°25'39	20°55	15°24	10° 7	13°18	20°21	11°54	18°48	26°42	12° 1	2°57	1°34	13°24	n.a.	F 20
S 21	15 24 34	21°22'46	5♌ 7	16°18	9°36	13°59	20°16	11°51	18°49	26°41	12° 1	2°54	1°31	13°31	n.a.	S 21
S 22	15 28 31	22°19'52	18°53	17° 8	9° 5	14°39	20°10	11°48	18°50	26°39	12° 2	2°D53	1°28	13°38	n.a.	S 22
M23	15 32 27	23°16'58	2♍15	17°54	8°37	15°19	20° 4	11°45	18°51	26°38	12° 2	2°53	1°24	13°44	n.a.	M23
T 24	15 36 24	24°14'03	15°15	18°37	8°10	16° 0	19°58	11°43	18°52	26°37	12° 3	2°54	1°21	13°51	n.a.	T 24
W25	15 40 20	25°11'07	27°57	19°16	7°46	16°40	19°51	11°40	18°53	26°35	12° 4	2°R55	1°18	13°58	n.a.	W25
T 26	15 44 17	26° 8'12	10♎24	19°51	7°23	17°20	19°45	11°37	18°54	26°34	12° 4	2°55	1°15	14° 5	n.a.	T 26
F 27	15 48 13	27° 5'16	22°39	20°22	7° 3	18° 0	19°38	11°35	18°55	26°33	12° 5	2°53	1°12	14°11	n.a.	F 27
S 28	15 52 10	28° 2'20	4♏46	20°49	6°45	18°40	19°32	11°33	18°56	26°31	12° 5	2°48	1° 8	14°18	n.a.	S 28
S 29	15 56 7	28°59'24	16°46	21°11	6°29	19°20	19°25	11°30	18°58	26°30	12° 6	2°42	1° 5	14°25	n.a.	S 29
M30	16 0 3	29°56'28	28°42	21°29	6°16	20° 0	19°18	11°28	18°59	26°29	12° 6	2°33	1° 2	14°31	n.a.	M30
T 31	16 4 0	0♊53'32	10♐36	21♊42	6♉ 5	20♉40	19♐11	11♎26	19♌ 0	26♐27	12♓ 6	2♈23	0♈59	14♐38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	12n27	17s 4	2s55	19n39	2n 4	21n46	3n44	11n46	0s 0	23s29	0n 1	2s41	2n45	16n11	0n47	23s 8	0n37	22s50	16s59	1n35	1n 2	27s12			n.a.
M 2	12 47	21 34	3 45	20 12	2 8	21 31	3 35	12 1	0n 1	23 29	0 1	2 39	2 45	16 11	0 47	23 7	0 37	22 50	17 0	1 33	1 1	27 13			n.a.
T 3	13 6	25 8	4 25	20 44	2 10	21 15	3 26	12 16	0 1	23 29	0 1	2 38	2 45	16 11	0 47	23 7	0 37	22 50	17 0	1 31	1 0	27 14			n.a.
W 4	13 26	27 37	4 53	21 12	2 13	20 58	3 16	12 31	0 2	23 29	0 1	2 36	2 45	16 11	0 47	23 7	0 37	22 50	17 0	1 29	0 58	27 15			n.a.
T 5	13 45	28 50	5 8	21 39	2 14	20 40	3 5	12 46	0 2	23 29	0 1	2 35	2 45	16 11	0 47	23 7	0 37	22 50	17 1	1 27	0 57	27 17			n.a.
F 6	14 4	28 44	5 11	22 3	2 15	20 20	2 54	13 0	0 3	23 29	0 1	2 34	2 45	16 11	0 47	23 7	0 37	22 50	17 1	1 25	0 56	27 18			n.a.
S 7	14 23	27 16	4 59	22 25	2 15	20 0	2 42	13 15	0 4	23 29	0 0	2 32	2 44	16 10	0 47	23 7	0 37	22 50	17 1	1 24	0 54	27 19			n.a.
S 8	14 42	24 32	4 35	22 45	2 14	19 39	2 30	13 30	0 4	23 29	0 0	2 31	2 44	16 10	0 47	23 7	0 37	22 50	17 1	1 23	0 53	27 20			n.a.
M 9	15 0	20 38	3 57	23 2	2 13	19 17	2 18	13 44	0 5	23 29	0 0	2 30	2 44	16 10	0 47	23 7	0 37	22 50	17 2	1 23	0 52	27 22			n.a.
T 10	15 18	15 43	3 7	23 17	2 10	18 54	2 5	13 58	0 5	23 29	0s 0	2 28	2 44	16 10	0 47	23 7	0 37	22 50	17 2	1 23	0 51	27 23			n.a.
W11	15 36	9 59	2 6	23 31	2 7	18 31	1 52	14 12	0 6	23 28	0 0	2 27	2 44	16 10	0 47	23 7	0 37	22 50	17 2	1 24	0 49	27 24			n.a.
T 12	15 54	3 37	0 56	23 42	2 4	18 7	1 39	14 26	0 7	23 28	0 0	2 26	2 44	16 10	0 47	23 7	0 37	22 49	17 3	1 24	0 48	27 25			n.a.
F 13	16 11	3n 8	0n19	23 51	1 59	17 43	1 25	14 40	0 7	23 28	0 0	2 25	2 44	16 10	0 47	23 7	0 37	22 49	17 3	1 24	0 47	27 26			n.a.
S 14	16 29	9 56	1 36	23 58	1 54	17 18	1 11	14 54	0 8	23 28	0 1	2 23	2 43	16 9	0 46	23 7	0 37	22 49	17 3	1 24	0 46	27 28			n.a.
S 15	16 46	16 23	2 47	24 4	1 49	16 53	0 57	15 8	0 8	23 28	0 1	2 22	2 43	16 9	0 46	23 7	0 37	22 49	17 4	1 23	0 44	27 29			n.a.
M16	17 2	21 59	3 49	24 8	1 42	16 29	0 43	15 21	0 9	23 28	0 1	2 21	2 43	16 9	0 46	23 7	0 37	22 49	17 4	1 21	0 43	27 30			n.a.
T 17	17 19	26 11	4 35	24 10	1 35	16 4	0 29	15 35	0 10	23 27	0 1	2 20	2 43	16 9	0 46	23 7	0 37	22 49	17 4	1 18	0 42	27 31			n.a.
W18	17 35	28 31	5 2	24 10	1 27	15 40	0 15	15 48	0 10	23 27	0 1	2 19	2 43	16 8	0 46	23 7	0 37	22 49	17 5	1 16	0 40	27 32			n.a.
T 19	17 51	28 44	5 7	24 9	1 19	15 16	0 2	16 1	0 11	23 27	0 1	2 18	2 42	16 8	0 46	23 7	0 37	22 49	17 5	1 13	0 39	27 34			n.a.
F 20	18 6	26 57	4 53	24 7	1 9	14 52	0s12	16 14	0 11	23 27	0 2	2 17	2 42	16 8	0 46	23 7	0 37	22 50	17 5	1 11	0 38	27 35			n.a.
S 21	18 22	23 28	4 21	24 3	1 0	14 29	0 26	16 27	0 12	23 26	0 2	2 16	2 42	16 8	0 46	23 7	0 37	22 50	17 6	1 10	0 37	27 36			n.a.
S 22	18 37	18 46	3 34	23 57	0 49	14 7	0 39	16 39	0 12	23 26	0 2	2 15	2 42	16 7	0 46	23 7	0 37	22 50	17 6	1 10	0 35	27 37			n.a.
M23	18 51	13 16	2 37	23 51	0 38	13 45	0 52	16 52	0 13	23 26	0 2	2 14	2 42	16 7	0 46	23 7	0 37	22 50	17 6	1 10	0 34	27 38			n.a.
T 24	19 6	7 19	1 34	23 43	0 26	13 25	1 5	17 4	0 14	23 26	0 2	2 13	2 41	16 6	0 46	23 7	0 37	22 50	17 7	1 10	0 33	27 39			n.a.
W25	19 20	1 14	0 27	23 34	0 14	13 5	1 17	17 17	0 14	23 25	0 2	2 13	2 41	16 6	0 46	23 7	0 37	22 50	17 7	1 10	0 31	27 40			n.a.
T 26	19 33	4s47	0s40	23 24	0 1	12 46	1 29	17 29	0 15	23 25	0 3	2 12	2 41	16 6	0 46	23 7	0 37	22 50	17 7	1 10	0 30	27 41			n.a.
F 27	19 47	10 32	1 44	23 13	0s12	12 29	1 40	17 41	0 15	23 25	0 3	2 11	2 41	16 5	0 46	23 7	0 37	22 50	17 8	1 10	0 29	27 42			n.a.
S 28	20 0	15 50	2 42	23 1	0 26	12 12	1 51	17 53	0 16	23 24	0 3	2 10	2 40	16 5	0 46	23 7	0 37	22 50	17 8	1 8	0 28	27 44			n.a.
S 29	20 13	20 28	3 32	22 49	0 40	11 57	2 2	18 4	0 17	23 24	0 3	2 10	2 40	16 4	0 46	23 7	0 37	22 50	17 8	1 5	0 26	27 45			n.a.
M30	20 25	24 15	4 13	22 35	0 55	11 43	2 12	18 16	0 17	23 23	0 3	2 9	2 40	16 4	0 46	23 7	0 37	22 51	17 9	1 2	0 25	27 46			n.a.
T 31	20n37	27s 0	4s42	22n21	1s10	11n30	2s22	18n27	0n18	23s23	0s 3	2s 8	2n40	16n 3	0n46	23s 7	0n37	22s51	17s 9	0n57	0n24	27s47			n.a.

Julian Day Number = 1488513.5, Delta T = 05h16m41s
Ecliptic obliquity = 23°46'29, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'49, Lahiri = -12°45'49 Julian Calendar 1 May 638 BCE == Greg. Calendar 24 Apr. 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

JUNE 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 7 56	1♊50'36	22♐28	21♊51	5°R57	21♉20	19°R 4	11°R24	19♌ 2	26°R26	12♓ 7	2°R11	0♈56	14♐45	n.a.	W 1
T 2	16 11 53	2°47'40	4♑21	21°R55	5♉51	22° 0	18♐57	11♎22	19° 3	26♐24	12° 7	2♈ 1	0°53	14°52	n.a.	T 2
F 3	16 15 49	3°44'45	16°16	21°54	5°47	22°40	18°50	11°20	19° 5	26°23	12° 8	1°51	0°49	14°58	n.a.	F 3
S 4	16 19 46	4°41'50	28°17	21°49	5°D46	23°20	18°43	11°18	19° 7	26°21	12° 8	1°43	0°46	15° 5	n.a.	S 4
S 5	16 23 43	5°38'56	10♒25	21°39	5°47	24° 0	18°36	11°17	19° 8	26°20	12° 8	1°38	0°43	15°12	n.a.	S 5
M 6	16 27 39	6°36'02	22°46	21°25	5°50	24°39	18°28	11°15	19°10	26°18	12° 9	1°35	0°40	15°19	n.a.	M 6
T 7	16 31 36	7°33'08	5♓23	21° 6	5°56	25°19	18°21	11°13	19°12	26°17	12° 9	1°D34	0°37	15°25	n.a.	T 7
W 8	16 35 32	8°30'15	18°20	20°43	6° 3	25°59	18°13	11°12	19°13	26°15	12° 9	1°35	0°34	15°32	n.a.	W 8
T 9	16 39 29	9°27'23	1♈42	20°16	6°13	26°38	18° 6	11°11	19°15	26°14	12° 9	1°R35	0°30	15°39	n.a.	T 9
F 10	16 43 25	10°24'32	15°31	19°46	6°25	27°18	17°58	11° 9	19°17	26°12	12°10	1°34	0°27	15°45	n.a.	F 10
S 11	16 47 22	11°21'41	29°48	19°12	6°39	27°58	17°51	11° 8	19°19	26°11	12°10	1°32	0°24	15°52	n.a.	S 11
S 12	16 51 18	12°18'51	14♉32	18°36	6°55	28°37	17°43	11° 7	19°21	26° 9	12°10	1°26	0°21	15°59	n.a.	S 12
M13	16 55 15	13°16'02	29°36	17°58	7°13	29°17	17°35	11° 6	19°23	26° 8	12°10	1°19	0°18	16° 6	n.a.	M13
T 14	16 59 12	14°13'13	14♊53	17°18	7°33	29°56	17°28	11° 5	19°25	26° 6	12°10	1°10	0°14	16°12	n.a.	T 14
W15	17 3 8	15°10'25	0♋11	16°38	7°54	0♊36	17°20	11° 4	19°27	26° 5	12°10	0°59	0°11	16°19	n.a.	W15
T 16	17 7 5	16° 7'38	15°19	15°57	8°18	1°15	17°12	11° 4	19°29	26° 3	12°10	0°50	0° 8	16°26	n.a.	T 16
F 17	17 11 1	17° 4'51	0♌ 7	15°17	8°42	1°54	17° 4	11° 3	19°31	26° 1	12°11	0°41	0° 5	16°32	n.a.	F 17
S 18	17 14 58	18° 2'04	14°29	14°38	9° 9	2°34	16°57	11° 3	19°34	26° 0	12°11	0°36	0° 2	16°39	n.a.	S 18
S 19	17 18 54	18°59'18	28°22	14° 2	9°37	3°13	16°49	11° 2	19°36	25°58	12°11	0°32	29♓59	16°46	n.a.	S 19
M20	17 22 51	19°56'32	11♍47	13°28	10° 6	3°52	16°41	11° 2	19°38	25°57	12°R11	0°31	29°55	16°53	n.a.	M20
T 21	17 26 47	20°53'47	24°46	12°57	10°37	4°31	16°34	11° 2	19°41	25°55	12°11	0°31	29°52	16°59	n.a.	T 21
W22	17 30 44	21°51'02	7♎23	12°30	11°10	5°11	16°26	11° 2	19°43	25°53	12°11	0°31	29°49	17° 6	n.a.	W22
T 23	17 34 41	22°48'18	19°44	12° 8	11°43	5°50	16°18	11°D 2	19°45	25°52	12°11	0°30	29°46	17°13	n.a.	T 23
F 24	17 38 37	23°45'34	1♏52	11°51	12°18	6°29	16°11	11° 2	19°48	25°50	12°10	0°26	29°43	17°20	n.a.	F 24
S 25	17 42 34	24°42'52	13°51	11°39	12°54	7° 8	16° 3	11° 2	19°50	25°48	12°10	0°21	29°40	17°26	n.a.	S 25
S 26	17 46 30	25°40'10	25°46	11°32	13°31	7°47	15°55	11° 2	19°53	25°47	12°10	0°12	29°36	17°33	n.a.	S 26
M27	17 50 27	26°37'28	7♐38	11°D32	14°10	8°26	15°48	11° 3	19°56	25°45	12°10	0° 1	29°33	17°40	n.a.	M27
T 28	17 54 23	27°34'48	19°30	11°37	14°50	9° 5	15°40	11° 3	19°58	25°44	12°10	29♓48	29°30	17°46	n.a.	T 28
W29	17 58 20	28°32'09	1♑24	11°49	15°30	9°44	15°33	11° 4	20° 1	25°42	12°10	29°34	29°27	17°53	n.a.	W29
T 30	18 2 17	29♊29'31	13♑21	12♊ 8	16♉12	10♊23	15♐26	11♎ 4	20♌ 4	25♐40	12♓ 9	29♓20	29♓24	18♐ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n49	28s32	4s59	22n 6	1s25	11n19	2s31	18n39	0n18	23s23	0s 4	2s 8	2n40	16n 3	0n46	23s 7	0n37	22s51	17s 9	0n53	0n22	27s48		n.a.
T 2	21 1	28 45	5 3	21 51	1 40	11 8	2 40	18 50	0 19	23 22	0 4	2 7	2 39	16 2	0 46	23 7	0 37	22 51	17 10	0 49	0 21	27 49		n.a.
F 3	21 12	27 38	4 54	21 36	1 56	10 59	2 49	19 1	0 20	23 22	0 4	2 7	2 39	16 2	0 46	23 7	0 37	22 51	17 10	0 45	0 20	27 50		n.a.
S 4	21 22	25 14	4 32	21 20	2 11	10 51	2 57	19 11	0 20	23 21	0 4	2 6	2 39	16 1	0 46	23 6	0 37	22 51	17 11	0 42	0 19	27 51		n.a.
S 5	21 33	21 40	3 57	21 4	2 27	10 44	3 4	19 22	0 21	23 21	0 4	2 6	2 39	16 1	0 46	23 6	0 37	22 52	17 11	0 40	0 17	27 52		n.a.
M 6	21 43	17 7	3 11	20 48	2 42	10 39	3 11	19 32	0 21	23 20	0 4	2 5	2 38	16 0	0 46	23 6	0 37	22 52	17 11	0 38	0 16	27 53		n.a.
T 7	21 53	11 45	2 15	20 32	2 57	10 35	3 18	19 43	0 22	23 20	0 5	2 5	2 38	16 0	0 46	23 6	0 37	22 52	17 12	0 38	0 15	27 54		n.a.
W 8	22 2	5 45	1 10	20 16	3 11	10 31	3 24	19 53	0 22	23 19	0 5	2 5	2 38	15 59	0 45	23 6	0 37	22 52	17 12	0 38	0 14	27 55		n.a.
T 9	22 11	0n42	0n 1	20 0	3 25	10 29	3 30	20 3	0 23	23 19	0 5	2 4	2 38	15 59	0 45	23 6	0 37	22 52	17 12	0 38	0 12	27 56		n.a.
F 10	22 19	7 19	1 13	19 45	3 38	10 28	3 35	20 13	0 24	23 18	0 5	2 4	2 37	15 58	0 45	23 6	0 37	22 53	17 13	0 38	0 11	27 57		n.a.
S 11	22 27	13 48	2 24	19 31	3 50	10 28	3 40	20 22	0 24	23 18	0 5	2 4	2 37	15 57	0 45	23 6	0 37	22 53	17 13	0 37	0 10	27 58		n.a.
S 12	22 35	19 42	3 27	19 17	4 1	10 29	3 45	20 32	0 25	23 17	0 5	2 4	2 37	15 57	0 45	23 6	0 37	22 53	17 13	0 35	0 8	27 59		n.a.
M13	22 43	24 31	4 17	19 4	4 10	10 31	3 49	20 41	0 25	23 17	0 5	2 3	2 37	15 56	0 45	23 6	0 37	22 53	17 14	0 32	0 7	28 0		n.a.
T 14	22 50	27 42	4 49	18 52	4 19	10 33	3 53	20 50	0 26	23 16	0 6	2 3	2 36	15 55	0 45	23 6	0 37	22 54	17 14	0 28	0 6	28 1		n.a.
W15	22 56	28 48	5 1	18 41	4 26	10 37	3 56	20 59	0 26	23 15	0 6	2 3	2 36	15 55	0 45	23 6	0 37	22 54	17 15	0 24	0 5	28 2		n.a.
T 16	23 2	27 43	4 52	18 32	4 31	10 41	4 0	21 8	0 27	23 15	0 6	2 3	2 36	15 54	0 45	23 6	0 37	22 54	17 15	0 20	0 3	28 3		n.a.
F 17	23 8	24 41	4 23	18 24	4 35	10 47	4 2	21 17	0 28	23 14	0 6	2 3	2 36	15 53	0 45	23 6	0 37	22 55	17 15	0 17	0 2	28 4		n.a.
S 18	23 14	20 11	3 38	18 17	4 37	10 53	4 5	21 25	0 28	23 14	0 6	2 3	2 35	15 52	0 45	23 6	0 37	22 55	17 16	0 14	0 1	28 4		n.a.
S 19	23 19	14 43	2 41	18 13	4 37	10 59	4 7	21 34	0 29	23 13	0 6	2 3	2 35	15 52	0 45	23 6	0 37	22 55	17 16	0 13	0s 1	28 5		n.a.
M20	23 23	8 44	1 37	18 10	4 36	11 7	4 9	21 42	0 29	23 12	0 7	2 3	2 35	15 51	0 45	23 6	0 37	22 56	17 16	0 12	0 2	28 6		n.a.
T 21	23 27	2 34	0 30	18 9	4 33	11 15	4 11	21 50	0 30	23 12	0 7	2 4	2 34	15 50	0 45	23 6	0 37	22 56	17 17	0 12	0 3	28 7		n.a.
W22	23 31	3s32	0s36	18 10	4 29	11 23	4 12	21 58	0 30	23 11	0 7	2 4	2 34	15 49	0 45	23 6	0 37	22 56	17 17	0 12	0 4	28 8		n.a.
T 23	23 35	9 21	1 40	18 13	4 23	11 33	4 13	22 5	0 31	23 11	0 7	2 4	2 34	15 48	0 45	23 6	0 37	22 57	17 17	0 12	0 6	28 9		n.a.
F 24	23 37	14 45	2 37	18 18	4 16	11 43	4 14	22 13	0 32	23 10	0 7	2 4	2 34	15 48	0 45	23 6	0 37	22 57	17 18	0 11	0 7	28 10		n.a.
S 25	23 40	19 31	3 27	18 25	4 7	11 53	4 15	22 20	0 32	23 9	0 7	2 5	2 33	15 47	0 45	23 6	0 37	22 57	17 18	0 8	0 8	28 11		n.a.
S 26	23 42	23 28	4 8	18 34	3 57	12 4	4 15	22 27	0 33	23 9	0 8	2 5	2 33	15 46	0 45	23 6	0 37	22 58	17 19	0 5	0 10	28 11		n.a.
M27	23 44	26 27	4 37	18 44	3 47	12 15	4 16	22 34	0 33	23 8	0 8	2 5	2 33	15 45	0 45	23 6	0 37	22 58	17 19	0 0	0 11	28 12		n.a.
T 28	23 45	28 15	4 55	18 57	3 35	12 26	4 16	22 41	0 34	23 7	0 8	2 6	2 33	15 44	0 45	23 6	0 37	22 58	17 19	0s 5	0 12	28 13		n.a.
W29	23 46	28 45	4 59	19 11	3 22	12 39	4 15	22 47	0 34	23 7	0 8	2 6	2 32	15 43	0 45	23 6	0 37	22 59	17 20	0 11	0 13	28 14		n.a.
T 30	23n46	27s55	4s51	19n26	3s 9	12n51	4s15	22n54	0n35	23s 6	0s 8	2s 7	2n32	15n42	0n45	23s 5	0n37	22s59	17s20	0s16	0s15	28s15		n.a.

Julian Day Number = 1488544.5, Delta T = 05h16m40s
Ecliptic obliquity = 23°46'28, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'45, Lahiri = -12°45'44 Julian Calendar 1 June 638 BCE == Greg. Calendar 25 May 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

JULY 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 6 13	0♋26'54	25♉22	12♊32	16♉55	11♊ 2	15°R19	11♎ 5	20♌ 6	25°R39	12°R 9	29°R 8	29♓20	18♐ 7	n.a.	F 1
S 2	18 10 10	1°24'18	7♒28	13° 3	17°38	11°40	15♐11	11° 6	20° 9	25♐37	12♓ 9	28♓58	29°17	18°13	n.a.	S 2
S 3	18 14 6	2°21'43	19°43	13°41	18°23	12°19	15° 4	11° 7	20°12	25°35	12° 9	28°51	29°14	18°20	n.a.	S 3
M 4	18 18 3	3°19'10	2♓ 8	14°25	19° 8	12°58	14°57	11° 8	20°15	25°34	12° 8	28°46	29°11	18°27	n.a.	M 4
T 5	18 21 59	4°16'38	14°47	15°15	19°55	13°37	14°50	11° 9	20°18	25°32	12° 8	28°44	29° 8	18°33	n.a.	T 5
W 6	18 25 56	5°14'08	27°43	16°12	20°42	14°16	14°44	11°10	20°21	25°31	12° 8	28°44	29° 5	18°40	n.a.	W 6
T 7	18 29 52	6°11'39	11♈ 0	17°14	21°30	14°54	14°37	11°11	20°23	25°29	12° 7	28°44	29° 1	18°47	n.a.	T 7
F 8	18 33 49	7° 9'12	24°42	18°22	22°18	15°33	14°30	11°13	20°26	25°27	12° 7	28°43	28°58	18°54	n.a.	F 8
S 9	18 37 46	8° 6'46	8♉49	19°37	23° 8	16°12	14°24	11°14	20°29	25°26	12° 7	28°41	28°55	19° 0	n.a.	S 9
S 10	18 41 42	9° 4'22	23°21	20°56	23°58	16°50	14°17	11°16	20°33	25°24	12° 6	28°35	28°52	19° 7	n.a.	S 10
M11	18 45 39	10° 2'00	8♊15	22°21	24°49	17°29	14°11	11°18	20°36	25°23	12° 6	28°28	28°49	19°14	n.a.	M11
T 12	18 49 35	10°59'40	23°23	23°50	25°40	18° 7	14° 5	11°19	20°39	25°21	12° 5	28°18	28°46	19°21	n.a.	T 12
W13	18 53 32	11°57'21	8♋37	25°25	26°33	18°46	13°59	11°21	20°42	25°20	12° 5	28° 8	28°42	19°27	n.a.	W13
T 14	18 57 28	12°55'03	23°45	27° 3	27°25	19°24	13°53	11°23	20°45	25°18	12° 4	27°57	28°39	19°34	n.a.	T 14
F 15	19 1 25	13°52'47	8♌36	28°46	28°19	20° 3	13°47	11°25	20°48	25°17	12° 4	27°49	28°36	19°41	n.a.	F 15
S 16	19 5 21	14°50'32	23° 3	0♋31	29°13	20°41	13°41	11°28	20°51	25°15	12° 3	27°42	28°33	19°47	n.a.	S 16
S 17	19 9 18	15°48'18	7♍ 3	2°20	0♊ 7	21°19	13°36	11°30	20°55	25°14	12° 3	27°39	28°30	19°54	n.a.	S 17
M18	19 13 15	16°46'06	20°33	4°12	1° 2	21°58	13°31	11°32	20°58	25°12	12° 2	27°37	28°26	20° 1	n.a.	M18
T 19	19 17 11	17°43'55	3♎36	6° 6	1°58	22°36	13°25	11°35	21° 1	25°11	12° 2	27°D37	28°23	20° 8	n.a.	T 19
W20	19 21 8	18°41'45	16°15	8° 1	2°54	23°14	13°20	11°37	21° 5	25° 9	12° 1	27°R37	28°20	20°14	n.a.	W20
T 21	19 25 4	19°39'37	28°36	9°58	3°50	23°53	13°15	11°40	21° 8	25° 8	12° 0	27°37	28°17	20°21	n.a.	T 21
F 22	19 29 1	20°37'30	10♏42	11°56	4°47	24°31	13°11	11°42	21°11	25° 6	12° 0	27°35	28°14	20°28	n.a.	F 22
S 23	19 32 57	21°35'24	22°40	13°55	5°45	25° 9	13° 6	11°45	21°15	25° 5	11°59	27°31	28°11	20°34	n.a.	S 23
S 24	19 36 54	22°33'20	4♐32	15°54	6°43	25°47	13° 2	11°48	21°18	25° 3	11°58	27°24	28° 7	20°41	n.a.	S 24
M25	19 40 50	23°31'18	16°24	17°53	7°41	26°25	12°57	11°51	21°22	25° 2	11°58	27°15	28° 4	20°48	n.a.	M25
T 26	19 44 47	24°29'17	28°18	19°53	8°40	27° 3	12°53	11°54	21°25	25° 1	11°57	27° 4	28° 1	20°55	n.a.	T 26
W27	19 48 44	25°27'18	10♑15	21°51	9°39	27°42	12°50	11°57	21°29	24°59	11°56	26°53	27°58	21° 1	n.a.	W27
T 28	19 52 40	26°25'20	22°19	23°50	10°38	28°20	12°46	12° 0	21°32	24°58	11°55	26°41	27°55	21° 8	n.a.	T 28
F 29	19 56 37	27°23'24	4♒29	25°47	11°38	28°58	12°42	12° 4	21°36	24°57	11°55	26°31	27°52	21°15	n.a.	F 29
S 30	20 0 33	28°21'30	16°47	27°44	12°39	29°36	12°39	12° 7	21°39	24°55	11°54	26°23	27°48	21°22	n.a.	S 30
S 31	20 4 30	29♋19'38	29♒14	29♋40	13♊39	0♋14	12♐36	12♎10	21♌43	24♐54	11♓53	26♓17	27♓45	21♐28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n46	25s46	4s29	19n43	2s55	13n 4	4s14	23n 0	0n35	23s 5	0s 8	2s 7	2n32	15n41	0n45	23s 5	0n37	23s 0	17s20	0s21	0s16	28s16		n.a.
S 2	23 46	22 27	3 55	20 2	2 41	13 17	4 13	23 6	0 36	23 5	0 8	2 8	2 31	15 41	0 45	23 5	0 37	23 0	17 21	0 25	0 17	28 16		n.a.
S 3	23 45	18 7	3 10	20 21	2 26	13 30	4 12	23 12	0 37	23 4	0 9	2 9	2 31	15 40	0 45	23 5	0 37	23 1	17 21	0 28	0 18	28 17		n.a.
M 4	23 44	12 58	2 15	20 41	2 11	13 43	4 11	23 17	0 37	23 3	0 9	2 9	2 31	15 39	0 45	23 5	0 37	23 1	17 21	0 30	0 20	28 18		n.a.
T 5	23 42	7 12	1 13	21 2	1 56	13 57	4 10	23 23	0 38	23 3	0 9	2 10	2 31	15 38	0 45	23 5	0 37	23 1	17 22	0 30	0 21	28 19		n.a.
W 6	23 40	1 0	0 5	21 23	1 41	14 11	4 8	23 28	0 38	23 2	0 9	2 11	2 30	15 37	0 45	23 5	0 37	23 2	17 22	0 31	0 22	28 20		n.a.
T 7	23 38	5n24	1n 4	21 44	1 25	14 25	4 7	23 33	0 39	23 2	0 9	2 11	2 30	15 36	0 45	23 5	0 37	23 2	17 22	0 31	0 24	28 20		n.a.
F 8	23 35	11 45	2 13	22 5	1 10	14 39	4 5	23 38	0 39	23 1	0 9	2 12	2 30	15 35	0 45	23 5	0 37	23 3	17 23	0 31	0 25	28 21		n.a.
S 9	23 31	17 42	3 15	22 26	0 55	14 54	4 3	23 43	0 40	23 0	0 10	2 13	2 30	15 34	0 45	23 5	0 37	23 3	17 23	0 32	0 26	28 22		n.a.
S 10	23 28	22 50	4 6	22 47	0 41	15 8	4 1	23 47	0 40	23 0	0 10	2 14	2 29	15 33	0 45	23 5	0 37	23 4	17 23	0 34	0 27	28 22		n.a.
M11	23 23	26 38	4 43	23 6	0 27	15 23	3 59	23 51	0 41	22 59	0 10	2 15	2 29	15 32	0 44	23 5	0 37	23 4	17 24	0 37	0 29	28 23		n.a.
T 12	23 19	28 36	5 0	23 25	0 13	15 37	3 56	23 55	0 42	22 58	0 10	2 16	2 29	15 31	0 44	23 5	0 37	23 5	17 24	0 41	0 30	28 24		n.a.
W13	23 14	28 25	4 56	23 42	0n 0	15 52	3 54	23 59	0 42	22 58	0 10	2 17	2 29	15 30	0 44	23 5	0 36	23 5	17 24	0 45	0 31	28 25		n.a.
T 14	23 8	26 6	4 31	23 57	0 13	16 6	3 51	24 3	0 43	22 57	0 10	2 18	2 28	15 29	0 44	23 5	0 36	23 6	17 25	0 49	0 33	28 25		n.a.
F 15	23 2	22 2	3 49	24 11	0 25	16 21	3 48	24 7	0 43	22 57	0 10	2 19	2 28	15 28	0 44	23 5	0 36	23 6	17 25	0 53	0 34	28 26		n.a.
S 16	22 56	16 44	2 52	24 22	0 36	16 35	3 46	24 10	0 44	22 56	0 10	2 20	2 28	15 27	0 44	23 5	0 36	23 7	17 25	0 55	0 35	28 27		n.a.
S 17	22 49	10 42	1 47	24 32	0 46	16 50	3 43	24 13	0 44	22 56	0 11	2 21	2 27	15 25	0 44	23 5	0 36	23 7	17 26	0 57	0 36	28 27		n.a.
M18	22 42	4 22	0 37	24 38	0 56	17 4	3 40	24 16	0 45	22 55	0 11	2 22	2 27	15 24	0 44	23 5	0 36	23 8	17 26	0 58	0 38	28 28		n.a.
T 19	22 35	1s56	0s32	24 43	1 5	17 18	3 37	24 19	0 45	22 55	0 11	2 23	2 27	15 23	0 44	23 5	0 36	23 8	17 26	0 58	0 39	28 29		n.a.
W20	22 27	7 58	1 37	24 44	1 13	17 33	3 33	24 22	0 46	22 54	0 11	2 25	2 27	15 22	0 44	23 5	0 36	23 9	17 27	0 58	0 40	28 29		n.a.
T 21	22 19	13 34	2 37	24 43	1 20	17 47	3 30	24 24	0 46	22 54	0 11	2 26	2 26	15 21	0 44	23 5	0 36	23 9	17 27	0 58	0 42	28 30		n.a.
F 22	22 10	18 32	3 28	24 40	1 26	18 0	3 27	24 27	0 47	22 53	0 11	2 27	2 26	15 20	0 44	23 5	0 36	23 10	17 27	0 58	0 43	28 31		n.a.
S 23	22 1	22 42	4 9	24 33	1 31	18 14	3 23	24 29	0 48	22 53	0 11	2 29	2 26	15 19	0 44	23 5	0 36	23 10	17 27	1 0	0 44	28 31		n.a.
S 24	21 51	25 55	4 39	24 24	1 36	18 27	3 20	24 30	0 48	22 52	0 12	2 30	2 26	15 18	0 44	23 5	0 36	23 11	17 28	1 3	0 45	28 32		n.a.
M25	21 42	28 0	4 57	24 13	1 40	18 40	3 16	24 32	0 49	22 52	0 12	2 31	2 25	15 17	0 44	23 5	0 36	23 11	17 28	1 7	0 47	28 32		n.a.
T 26	21 31	28 48	5 3	23 58	1 43	18 53	3 12	24 34	0 49	22 51	0 12	2 33	2 25	15 15	0 44	23 5	0 36	23 12	17 28	1 11	0 48	28 33		n.a.
W27	21 21	28 16	4 55	23 42	1 45	19 6	3 8	24 35	0 50	22 51	0 12	2 34	2 25	15 14	0 44	23 5	0 36	23 12	17 29	1 16	0 49	28 34		n.a.
T 28	21 10	26 24	4 34	23 23	1 47	19 19	3 5	24 36	0 50	22 51	0 12	2 36	2 25	15 13	0 44	23 4	0 36	23 13	17 29	1 20	0 50	28 34		n.a.
F 29	20 58	23 17	4 0	23 2	1 47	19 31	3 1	24 37	0 51	22 50	0 12	2 37	2 24	15 12	0 44	23 4	0 36	23 13	17 29	1 24	0 52	28 35		n.a.
S 30	20 47	19 6	3 14	22 40	1 48	19 43	2 57	24 38	0 51	22 50	0 12	2 39	2 24	15 11	0 44	23 4	0 36	23 14	17 29	1 27	0 53	28 35		n.a.
S 31	20n35	14s 4	2s19	22n15	1n47	19n54	2s53	24n38	0n52	22s50	0s12	2s40	2n24	15n10	0n44	23s 4	0n36	23s15	17s30	1s30	0s54	28s36		n.a.

Julian Day Number = 1488574.5, Delta T = 05h16m38s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'41, Lahiri = -12°45'40 Julian Calendar 1 July 638 BCE == Greg. Calendar 24 June 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

AUGUST 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 8 26	0♌17'48	11♓52	1♌35	14♊40	0♋51	12°R33	12♎14	21♌46	24°R53	11°R52	26°R14	27♓42	21♐35	n.a.	M 1
T 2	20 12 23	1°16'00	24°41	3°29	15°42	1°29	12♐30	12°18	21°50	24♐52	11♓51	26°D13	27°39	21°42	n.a.	T 2
W 3	20 16 19	2°14'14	7♈45	5°22	16°44	2° 7	12°27	12°21	21°54	24°50	11°51	26♓13	27°36	21°48	n.a.	W 3
T 4	20 20 16	3°12'30	21° 5	7°14	17°46	2°45	12°25	12°25	21°57	24°49	11°50	26°14	27°32	21°55	n.a.	T 4
F 5	20 24 13	4°10'48	4♉43	9° 5	18°48	3°23	12°22	12°29	22° 1	24°48	11°49	26°R15	27°29	22° 2	n.a.	F 5
S 6	20 28 9	5° 9'09	18°42	10°55	19°51	4° 1	12°20	12°33	22° 5	24°47	11°48	26°14	27°26	22° 9	n.a.	S 6
S 7	20 32 6	6° 7'32	3♊ 0	12°43	20°54	4°38	12°18	12°37	22° 8	24°46	11°47	26°11	27°23	22°15	n.a.	S 7
M 8	20 36 2	7° 5'58	17°36	14°30	21°57	5°16	12°17	12°41	22°12	24°45	11°46	26° 6	27°20	22°22	n.a.	M 8
T 9	20 39 59	8° 4'25	2♋24	16°17	23° 1	5°54	12°15	12°45	22°16	24°44	11°45	26° 0	27°17	22°29	n.a.	T 9
W10	20 43 55	9° 2'55	17°18	18° 2	24° 5	6°32	12°14	12°49	22°19	24°43	11°44	25°53	27°13	22°36	n.a.	W10
T 11	20 47 52	10° 1'27	2♌10	19°46	25° 9	7° 9	12°13	12°54	22°23	24°42	11°43	25°46	27°10	22°42	n.a.	T 11
F 12	20 51 48	11° 0'01	16°50	21°29	26°14	7°47	12°12	12°58	22°27	24°41	11°42	25°40	27° 7	22°49	n.a.	F 12
S 13	20 55 45	11°58'37	1♍11	23°11	27°18	8°24	12°11	13° 3	22°31	24°40	11°41	25°35	27° 4	22°56	n.a.	S 13
S 14	20 59 42	12°57'15	15° 9	24°51	28°23	9° 2	12°10	13° 7	22°34	24°39	11°40	25°33	27° 1	23° 2	n.a.	S 14
M15	21 3 38	13°55'54	28°40	26°31	29°28	9°39	12°10	13°12	22°38	24°38	11°39	25°D33	26°58	23° 9	n.a.	M15
T 16	21 7 35	14°54'36	11♎47	28°10	0♋34	10°17	12°D10	13°16	22°42	24°37	11°38	25°34	26°54	23°16	n.a.	T 16
W17	21 11 31	15°53'19	24°30	29°47	1°40	10°54	12°10	13°21	22°46	24°36	11°37	25°35	26°51	23°23	n.a.	W17
T 18	21 15 28	16°52'04	6♏53	1♍24	2°45	11°32	12°10	13°26	22°49	24°35	11°36	25°36	26°48	23°29	n.a.	T 18
F 19	21 19 24	17°50'51	19° 2	3° 0	3°52	12° 9	12°10	13°31	22°53	24°34	11°35	25°R37	26°45	23°36	n.a.	F 19
S 20	21 23 21	18°49'40	1♐ 1	4°34	4°58	12°47	12°11	13°36	22°57	24°33	11°34	25°36	26°42	23°43	n.a.	S 20
S 21	21 27 17	19°48'31	12°54	6° 8	6° 4	13°24	12°12	13°41	23° 1	24°33	11°33	25°34	26°38	23°50	n.a.	S 21
M22	21 31 14	20°47'24	24°47	7°41	7°11	14° 1	12°13	13°46	23° 4	24°32	11°32	25°30	26°35	23°56	n.a.	M22
T 23	21 35 11	21°46'19	6♑42	9°12	8°18	14°38	12°14	13°51	23° 8	24°31	11°31	25°24	26°32	24° 3	n.a.	T 23
W24	21 39 7	22°45'16	18°44	10°43	9°25	15°16	12°15	13°56	23°12	24°31	11°30	25°19	26°29	24°10	n.a.	W24
T 25	21 43 4	23°44'14	0♒55	12°13	10°33	15°53	12°17	14° 1	23°16	24°30	11°29	25°13	26°26	24°16	n.a.	T 25
F 26	21 47 0	24°43'15	13°16	13°42	11°40	16°30	12°19	14° 7	23°20	24°29	11°28	25° 8	26°23	24°23	n.a.	F 26
S 27	21 50 57	25°42'18	25°49	15°10	12°48	17° 7	12°21	14°12	23°23	24°29	11°27	25° 4	26°19	24°30	n.a.	S 27
S 28	21 54 53	26°41'22	8♓34	16°37	13°56	17°44	12°23	14°18	23°27	24°28	11°26	25° 1	26°16	24°37	n.a.	S 28
M29	21 58 50	27°40'29	21°31	18° 3	15° 4	18°21	12°25	14°23	23°31	24°28	11°24	25°D 0	26°13	24°43	n.a.	M29
T 30	22 2 46	28°39'39	4♈41	19°28	16°13	18°58	12°28	14°29	23°35	24°27	11°23	25° 0	26°10	24°50	n.a.	T 30
W31	22 6 43	29♌38'50	18♈ 3	20♍51	17♋21	19♋35	12♐30	14♎34	23♌39	24♐27	11♓22	25♓ 2	26♓ 7	24♐57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n22	8s23	1s16	21n48	1n46	20n 5	2s49	24n39	0n52	22s49	0s13	2s42	2n24	15n 8	0n44	23s 4	0n36	23s15	17s30	1s31	0s56	28s36			n.a.
T 2	20 9	2 16	0 8	21 20	1 45	20 16	2 45	24 39	0 53	22 49	0 13	2 44	2 23	15 7	0 44	23 4	0 36	23 16	17 30	1 32	0 57	28 37			n.a.
W 3	19 56	4n 3	1n 2	20 51	1 43	20 27	2 40	24 39	0 54	22 49	0 13	2 45	2 23	15 6	0 44	23 4	0 36	23 16	17 30	1 31	0 58	28 38			n.a.
T 4	19 43	10 20	2 9	20 20	1 40	20 37	2 36	24 39	0 54	22 49	0 13	2 47	2 23	15 5	0 44	23 4	0 36	23 17	17 31	1 31	0 59	28 38			n.a.
F 5	19 29	16 17	3 12	19 48	1 37	20 46	2 32	24 38	0 55	22 49	0 13	2 49	2 23	15 4	0 44	23 4	0 36	23 17	17 31	1 31	1 1	28 39			n.a.
S 6	19 15	21 32	4 4	19 14	1 34	20 56	2 28	24 38	0 55	22 48	0 13	2 51	2 23	15 2	0 44	23 4	0 36	23 18	17 31	1 31	1 2	28 39			n.a.
S 7	19 0	25 40	4 43	18 40	1 30	21 4	2 23	24 37	0 56	22 48	0 13	2 52	2 22	15 1	0 44	23 4	0 36	23 18	17 31	1 32	1 3	28 40			n.a.
M 8	18 45	28 14	5 4	18 4	1 26	21 13	2 19	24 36	0 56	22 48	0 13	2 54	2 22	15 0	0 44	23 4	0 36	23 19	17 31	1 34	1 5	28 40			n.a.
T 9	18 30	28 50	5 5	17 28	1 21	21 21	2 15	24 35	0 57	22 48	0 13	2 56	2 22	14 59	0 44	23 4	0 36	23 20	17 32	1 37	1 6	28 41			n.a.
W10	18 15	27 22	4 46	16 51	1 16	21 28	2 10	24 34	0 57	22 48	0 14	2 58	2 22	14 57	0 44	23 4	0 36	23 20	17 32	1 40	1 7	28 41			n.a.
T 11	17 59	23 58	4 8	16 13	1 11	21 35	2 6	24 32	0 58	22 48	0 14	3 0	2 21	14 56	0 44	23 4	0 36	23 21	17 32	1 42	1 8	28 42			n.a.
F 12	17 43	19 5	3 14	15 34	1 6	21 42	2 1	24 31	0 58	22 48	0 14	3 2	2 21	14 55	0 44	23 4	0 36	23 21	17 32	1 45	1 10	28 42			n.a.
S 13	17 26	13 12	2 8	14 55	1 0	21 48	1 57	24 29	0 59	22 48	0 14	3 4	2 21	14 54	0 44	23 4	0 36	23 22	17 32	1 47	1 11	28 42			n.a.
S 14	17 10	6 48	0 56	14 16	0 54	21 53	1 53	24 27	0 59	22 48	0 14	3 6	2 21	14 52	0 44	23 4	0 36	23 22	17 33	1 47	1 12	28 43			n.a.
M15	16 53	0 17	0s17	13 36	0 48	21 58	1 48	24 25	1 0	22 48	0 14	3 8	2 21	14 51	0 44	23 4	0 36	23 23	17 33	1 48	1 14	28 43			n.a.
T 16	16 35	6s 3	1 27	12 56	0 42	22 3	1 44	24 23	1 0	22 48	0 14	3 10	2 20	14 50	0 44	23 4	0 36	23 24	17 33	1 47	1 15	28 44			n.a.
W17	16 18	11 57	2 31	12 15	0 35	22 7	1 39	24 20	1 1	22 48	0 14	3 12	2 20	14 49	0 44	23 4	0 36	23 24	17 33	1 47	1 16	28 44			n.a.
T 18	16 0	17 14	3 26	11 34	0 28	22 10	1 35	24 17	1 2	22 48	0 14	3 14	2 20	14 47	0 44	23 4	0 36	23 25	17 33	1 46	1 17	28 45			n.a.
F 19	15 42	21 43	4 10	10 53	0 22	22 13	1 30	24 14	1 2	22 48	0 14	3 16	2 20	14 46	0 44	23 4	0 36	23 25	17 34	1 46	1 19	28 45			n.a.
S 20	15 23	25 15	4 43	10 12	0 15	22 15	1 26	24 11	1 3	22 49	0 15	3 18	2 19	14 45	0 44	23 4	0 36	23 26	17 34	1 46	1 20	28 45			n.a.
S 21	15 5	27 41	5 3	9 30	0 8	22 17	1 21	24 8	1 3	22 49	0 15	3 20	2 19	14 44	0 44	23 4	0 36	23 26	17 34	1 47	1 21	28 46			n.a.
M22	14 46	28 51	5 11	8 49	0 1	22 18	1 17	24 5	1 4	22 49	0 15	3 22	2 19	14 42	0 44	23 4	0 36	23 27	17 34	1 49	1 22	28 46			n.a.
T 23	14 27	28 41	5 5	8 8	0s 7	22 18	1 12	24 1	1 4	22 49	0 15	3 25	2 19	14 41	0 44	23 4	0 35	23 27	17 34	1 51	1 24	28 46			n.a.
W24	14 7	27 9	4 46	7 26	0 14	22 18	1 8	23 58	1 5	22 50	0 15	3 27	2 19	14 40	0 44	23 4	0 35	23 28	17 34	1 53	1 25	28 47			n.a.
T 25	13 48	24 21	4 13	6 45	0 21	22 18	1 4	23 54	1 5	22 50	0 15	3 29	2 19	14 39	0 44	23 4	0 35	23 29	17 34	1 56	1 26	28 47			n.a.
F 26	13 28	20 24	3 28	6 3	0 29	22 16	0 59	23 50	1 6	22 50	0 15	3 31	2 18	14 37	0 44	23 4	0 35	23 29	17 34	1 58	1 28	28 47			n.a.
S 27	13 8	15 29	2 33	5 22	0 36	22 14	0 55	23 45	1 6	22 51	0 15	3 33	2 18	14 36	0 44	23 4	0 35	23 30	17 35	1 59	1 29	28 48			n.a.
S 28	12 47	9 51	1 29	4 41	0 44	22 12	0 51	23 41	1 7	22 51	0 15	3 36	2 18	14 35	0 44	23 4	0 35	23 30	17 35	2 0	1 30	28 48			n.a.
M29	12 27	3 42	0 19	4 0	0 51	22 9	0 46	23 37	1 7	22 51	0 15	3 38	2 18	14 34	0 44	23 4	0 35	23 31	17 35	2 1	1 31	28 48			n.a.
T 30	12 6	2n41	0n53	3 20	0 59	22 5	0 42	23 32	1 8	22 52	0 15	3 40	2 18	14 32	0 44	23 4	0 35	23 31	17 35	2 1	1 33	28 49			n.a.
W31	11n45	9n 4	2n 3	2n39	1s 6	22n 1	0s38	23n27	1n 9	22s52	0s16	3s43	2n17	14n31	0n44	23s 4	0n35	23s32	17s35	2s 0	1s34	28s49			n.a.

Julian Day Number = 1488605.5, Delta T = 05h16m37s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'37, Lahiri = -12°45'36 Julian Calendar 1 Aug. 638 BCE == Greg. Calendar 25 July 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

SEPTEMBER 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 10 39	0♍38'04	1♉37	22♍14	18♋30	20♋12	12♐33	14♎40	23♏42	24°R26	11°R21	25♓ 3	26♓ 4	25♐ 3	n.a.	T 1
F 2	22 14 36	1°37'21	15°24	23°36	19°39	20°49	12°36	14°46	23°46	24♐26	11♓20	25° 5	26° 0	25°10	n.a.	F 2
S 3	22 18 33	2°36'40	29°22	24°57	20°48	21°26	12°40	14°51	23°50	24°26	11°19	25°R 5	25°57	25°17	n.a.	S 3
S 4	22 22 29	3°36'01	13♊32	26°16	21°57	22° 3	12°43	14°57	23°54	24°25	11°18	25° 5	25°54	25°24	n.a.	S 4
M 5	22 26 26	4°35'26	27°51	27°35	23° 6	22°40	12°47	15° 3	23°57	24°25	11°16	25° 4	25°51	25°30	n.a.	M 5
T 6	22 30 22	5°34'52	12♋16	28°51	24°16	23°17	12°51	15° 9	24° 1	24°25	11°15	25° 2	25°48	25°37	n.a.	T 6
W 7	22 34 19	6°34'21	26°43	0♎ 7	25°26	23°54	12°55	15°15	24° 5	24°24	11°14	24°59	25°44	25°44	n.a.	W 7
T 8	22 38 15	7°33'52	11♌ 7	1°21	26°36	24°31	12°59	15°21	24° 9	24°24	11°13	24°57	25°41	25°51	n.a.	T 8
F 9	22 42 12	8°33'26	25°23	2°34	27°46	25° 7	13° 3	15°27	24°12	24°24	11°12	24°55	25°38	25°57	n.a.	F 9
S 10	22 46 8	9°33'02	9♍25	3°44	28°56	25°44	13° 8	15°33	24°16	24°24	11°11	24°53	25°35	26° 4	n.a.	S 10
S 11	22 50 5	10°32'40	23°10	4°53	0♌ 6	26°21	13°12	15°39	24°20	24°24	11° 9	24°D53	25°32	26°11	n.a.	S 11
M12	22 54 2	11°32'19	6♎34	6° 0	1°16	26°57	13°17	15°45	24°23	24°24	11° 8	24°53	25°29	26°17	n.a.	M12
T 13	22 57 58	12°32'01	19°38	7° 5	2°27	27°34	13°22	15°52	24°27	24°24	11° 7	24°54	25°25	26°24	n.a.	T 13
W14	23 1 55	13°31'45	2♏21	8° 7	3°38	28°10	13°28	15°58	24°31	24°D24	11° 6	24°55	25°22	26°31	n.a.	W14
T 15	23 5 51	14°31'31	14°47	9° 7	4°48	28°47	13°33	16° 4	24°34	24°24	11° 5	24°56	25°19	26°38	n.a.	T 15
F 16	23 9 48	15°31'19	26°57	10° 4	5°59	29°23	13°39	16°11	24°38	24°24	11° 4	24°57	25°16	26°44	n.a.	F 16
S 17	23 13 44	16°31'08	8♐58	10°58	7°10	29°59	13°44	16°17	24°42	24°24	11° 2	24°58	25°13	26°51	n.a.	S 17
S 18	23 17 41	17°31'00	20°52	11°48	8°22	0♑36	13°50	16°23	24°45	24°24	11° 1	24°R58	25° 9	26°58	n.a.	S 18
M19	23 21 37	18°30'53	2♑45	12°35	9°33	1°13	13°56	16°30	24°49	24°24	11° 0	24°57	25° 6	27° 5	n.a.	M19
T 20	23 25 34	19°30'48	14°41	13°17	10°44	1°49	14° 3	16°36	24°52	24°24	10°59	24°57	25° 3	27°11	n.a.	T 20
W21	23 29 30	20°30'45	26°45	13°54	11°56	2°25	14° 9	16°43	24°56	24°25	10°58	24°56	25° 0	27°18	n.a.	W21
T 22	23 33 27	21°30'44	9♒ 0	14°26	13° 8	3° 2	14°16	16°50	24°59	24°25	10°57	24°56	24°57	27°25	n.a.	T 22
F 23	23 37 24	22°30'44	21°30	14°53	14°19	3°38	14°22	16°56	25° 3	24°25	10°56	24°55	24°54	27°31	n.a.	F 23
S 24	23 41 20	23°30'46	4♓15	15°13	15°31	4°14	14°29	17° 3	25° 6	24°26	10°54	24°55	24°50	27°38	n.a.	S 24
S 25	23 45 17	24°30'50	17°18	15°27	16°43	4°50	14°36	17° 9	25°10	24°26	10°53	24°55	24°47	27°45	n.a.	S 25
M26	23 49 13	25°30'57	0♈38	15°R32	17°55	5°26	14°43	17°16	25°13	24°26	10°52	24°55	24°44	27°52	n.a.	M26
T 27	23 53 10	26°31'05	14°13	15°30	19° 7	6° 2	14°51	17°23	25°17	24°27	10°51	24°55	24°41	27°58	n.a.	T 27
W28	23 57 6	27°31'15	28° 3	15°19	20°20	6°38	14°58	17°30	25°20	24°27	10°50	24°55	24°38	28° 5	n.a.	W28
T 29	0 1 3	28°31'27	12♉ 2	14°59	21°32	7°14	15° 6	17°36	25°23	24°28	10°49	24°54	24°35	28°12	n.a.	T 29
F 30	0 4 59	29♍31'42	26♉10	14♎29	22♌45	7♌50	15♐14	17♎43	25♌27	24♐28	10♓48	24♓54	24♓31	28♐18	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n24	15n 8	3n 8	2n 0	1s14	21n56	0s33	23n22	1n 9	22s53	0s16	3s45	2n17	14n30	0n44	23s 4	0n35	23s32	17s35	2s 0	1s35	28s49		n.a.
F 2	11 3	20 32	4 2	1 20	1 21	21 50	0 29	23 17	1 10	22 53	0 16	3 48	2 17	14 29	0 44	23 4	0 35	23 33	17 35	1 59	1 37	28 50		n.a.
S 3	10 41	24 54	4 44	0 41	1 29	21 44	0 25	23 12	1 10	22 54	0 16	3 50	2 17	14 27	0 44	23 4	0 35	23 33	17 35	1 59	1 38	28 50		n.a.
S 4	10 20	27 50	5 8	0 2	1 36	21 37	0 21	23 6	1 11	22 54	0 16	3 52	2 17	14 26	0 44	23 4	0 35	23 34	17 35	1 59	1 39	28 50		n.a.
M 5	9 58	29 0	5 14	0s36	1 43	21 29	0 17	23 1	1 11	22 55	0 16	3 55	2 17	14 25	0 44	23 4	0 35	23 34	17 35	1 59	1 40	28 50		n.a.
T 6	9 36	28 11	5 1	1 13	1 50	21 21	0 13	22 55	1 12	22 55	0 16	3 57	2 16	14 24	0 44	23 4	0 35	23 35	17 35	2 0	1 42	28 51		n.a.
W 7	9 13	25 29	4 28	1 50	1 57	21 12	0 9	22 49	1 12	22 56	0 16	4 0	2 16	14 22	0 44	23 4	0 35	23 35	17 35	2 1	1 43	28 51		n.a.
T 8	8 51	21 10	3 38	2 26	2 4	21 3	0 5	22 43	1 13	22 57	0 16	4 2	2 16	14 21	0 44	23 4	0 35	23 36	17 35	2 2	1 44	28 51		n.a.
F 9	8 28	15 41	2 36	3 2	2 11	20 53	0 1	22 37	1 13	22 57	0 16	4 5	2 16	14 20	0 44	23 4	0 35	23 36	17 35	2 3	1 45	28 51		n.a.
S 10	8 6	9 27	1 24	3 36	2 17	20 43	0n 3	22 30	1 14	22 58	0 16	4 7	2 16	14 19	0 44	23 4	0 35	23 37	17 35	2 3	1 47	28 51		n.a.
S 11	7 43	2 54	0 10	4 9	2 23	20 31	0 7	22 24	1 14	22 59	0 16	4 10	2 16	14 17	0 44	23 4	0 35	23 37	17 35	2 4	1 48	28 52		n.a.
M12	7 20	3s37	1s 4	4 42	2 30	20 20	0 11	22 17	1 15	22 59	0 17	4 12	2 16	14 16	0 44	23 4	0 35	23 38	17 35	2 4	1 49	28 52		n.a.
T 13	6 57	9 49	2 13	5 13	2 35	20 7	0 14	22 10	1 15	23 0	0 17	4 15	2 15	14 15	0 44	23 4	0 35	23 38	17 35	2 3	1 51	28 52		n.a.
W14	6 34	15 28	3 13	5 43	2 41	19 54	0 18	22 3	1 16	23 1	0 17	4 17	2 15	14 14	0 44	23 4	0 35	23 39	17 35	2 3	1 52	28 52		n.a.
T 15	6 10	20 21	4 2	6 12	2 46	19 41	0 21	21 56	1 17	23 1	0 17	4 20	2 15	14 12	0 44	23 5	0 35	23 39	17 35	2 2	1 53	28 52		n.a.
F 16	5 47	24 17	4 40	6 39	2 50	19 26	0 25	21 49	1 17	23 2	0 17	4 22	2 15	14 11	0 44	23 5	0 35	23 39	17 35	2 2	1 54	28 53		n.a.
S 17	5 24	27 7	5 4	7 4	2 55	19 12	0 28	21 42	1 18	23 3	0 17	4 25	2 15	14 10	0 44	23 5	0 35	23 40	17 35	2 2	1 56	28 53		n.a.
S 18	5 0	28 42	5 16	7 28	2 58	18 56	0 32	21 34	1 18	23 4	0 17	4 28	2 15	14 9	0 44	23 5	0 35	23 40	17 35	2 2	1 57	28 53		n.a.
M19	4 36	28 58	5 14	7 49	3 2	18 41	0 35	21 27	1 19	23 5	0 17	4 30	2 15	14 8	0 44	23 5	0 35	23 41	17 35	2 2	1 58	28 53		n.a.
T 20	4 12	27 53	4 58	8 8	3 4	18 24	0 38	21 19	1 19	23 5	0 17	4 33	2 15	14 6	0 44	23 5	0 35	23 41	17 35	2 2	2 0	28 53		n.a.
W21	3 49	25 30	4 29	8 25	3 6	18 7	0 42	21 11	1 20	23 6	0 17	4 36	2 14	14 5	0 44	23 5	0 35	23 41	17 35	2 2	2 1	28 53		n.a.
T 22	3 25	21 55	3 48	8 38	3 7	17 50	0 45	21 3	1 20	23 7	0 17	4 38	2 14	14 4	0 44	23 5	0 35	23 42	17 35	2 3	2 2	28 53		n.a.
F 23	3 1	17 17	2 55	8 49	3 7	17 32	0 48	20 55	1 21	23 8	0 17	4 41	2 14	14 3	0 44	23 5	0 35	23 42	17 35	2 3	2 3	28 53		n.a.
S 24	2 37	11 49	1 52	8 56	3 6	17 13	0 51	20 47	1 21	23 9	0 17	4 44	2 14	14 2	0 44	23 5	0 34	23 43	17 35	2 3	2 5	28 54		n.a.
S 25	2 13	5 44	0 42	8 59	3 4	16 54	0 54	20 39	1 22	23 10	0 18	4 46	2 14	14 1	0 44	23 5	0 34	23 43	17 35	2 3	2 6	28 54		n.a.
M26	1 48	0n44	0n32	8 59	3 1	16 34	0 57	20 30	1 23	23 11	0 18	4 49	2 14	13 59	0 44	23 5	0 34	23 43	17 35	2 3	2 7	28 54		n.a.
T 27	1 24	7 18	1 45	8 54	2 57	16 14	0 59	20 22	1 23	23 12	0 18	4 52	2 14	13 58	0 44	23 5	0 34	23 44	17 34	2 3	2 8	28 54		n.a.
W28	1 0	13 37	2 53	8 44	2 51	15 54	1 2	20 13	1 24	23 12	0 18	4 54	2 14	13 57	0 44	23 5	0 34	23 44	17 34	2 3	2 10	28 54		n.a.
T 29	0 36	19 20	3 52	8 29	2 43	15 33	1 5	20 5	1 24	23 13	0 18	4 57	2 14	13 56	0 44	23 5	0 34	23 44	17 34	2 3	2 11	28 54		n.a.
F 30	0n11	24n 3	4n38	8s 9	2s34	15n11	1n 7	19n56	1n25	23s14	0s18	5s 0	2n14	13n55	0n44	23s 5	0n34	23s45	17s34	2s 3	2s12	28s54		n.a.

Julian Day Number = 1488636.5, Delta T = 05h16m35s
Ecliptic obliquity = 23°46'29, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'32, Lahiri = -12°45'32 Julian Calendar 1 Sept. 638 BCE == Greg. Calendar 25 Aug. 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

OCTOBER 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 8 56	0♎31'58	10♊21	13°R50	23♌57	8♌26	15♐21	17♎50	25♌30	24♐29	10°R47	24°R54	24♓28	28♐25	n.a.	S 1
S 2	0 12 53	1°32'17	24°34	13♎ 1	25°10	9° 2	15°30	17°57	25°33	24°29	10♓46	24♓53	24°25	28°32	n.a.	S 2
M 3	0 16 49	2°32'38	8♋46	12° 4	26°23	9°38	15°38	18° 4	25°36	24°30	10°44	24°D53	24°22	28°39	n.a.	M 3
T 4	0 20 46	3°33'02	22°55	10°58	27°35	10°13	15°46	18°10	25°40	24°31	10°43	24°54	24°19	28°45	n.a.	T 4
W 5	0 24 42	4°33'27	6♌58	9°46	28°48	10°49	15°55	18°17	25°43	24°32	10°42	24°54	24°15	28°52	n.a.	W 5
T 6	0 28 39	5°33'54	20°54	8°29	0♍ 1	11°25	16° 3	18°24	25°46	24°32	10°41	24°55	24°12	28°59	n.a.	T 6
F 7	0 32 35	6°34'23	4♍40	7°10	1°15	12° 1	16°12	18°31	25°49	24°33	10°40	24°56	24° 9	29° 6	n.a.	F 7
S 8	0 36 32	7°34'55	18°15	5°51	2°28	12°36	16°21	18°38	25°52	24°34	10°39	24°R57	24° 6	29°12	n.a.	S 8
S 9	0 40 28	8°35'27	1♎37	4°34	3°41	13°12	16°30	18°45	25°55	24°35	10°38	24°57	24° 3	29°19	n.a.	S 9
M10	0 44 25	9°36'02	14°45	3°22	4°54	13°47	16°39	18°52	25°58	24°36	10°37	24°56	24° 0	29°26	n.a.	M10
T 11	0 48 22	10°36'39	27°37	2°17	6° 8	14°23	16°48	18°59	26° 1	24°36	10°36	24°54	23°56	29°32	n.a.	T 11
W12	0 52 18	11°37'16	10♏14	1°22	7°21	14°58	16°58	19° 6	26° 4	24°37	10°35	24°52	23°53	29°39	n.a.	W12
T 13	0 56 15	12°37'56	22°37	0°37	8°35	15°33	17° 7	19°13	26° 7	24°38	10°34	24°49	23°50	29°46	n.a.	T 13
F 14	1 0 11	13°38'37	4♐47	0° 4	9°48	16° 9	17°17	19°20	26°10	24°39	10°33	24°46	23°47	29°53	n.a.	F 14
S 15	1 4 8	14°39'19	16°47	29♍42	11° 2	16°44	17°27	19°27	26°13	24°40	10°32	24°44	23°44	29°59	n.a.	S 15
S 16	1 8 4	15°40'03	28°41	29°D31	12°16	17°19	17°37	19°34	26°16	24°41	10°31	24°42	23°41	0♉ 6	n.a.	S 16
M17	1 12 1	16°40'48	10♉33	29°33	13°30	17°54	17°47	19°41	26°18	24°42	10°31	24°40	23°37	0°13	n.a.	M17
T 18	1 15 57	17°41'34	22°28	29°44	14°43	18°29	17°57	19°48	26°21	24°44	10°30	24°D40	23°34	0°20	n.a.	T 18
W19	1 19 54	18°42'21	4♒30	0♎ 6	15°57	19° 4	18° 7	19°55	26°24	24°45	10°29	24°41	23°31	0°26	n.a.	W19
T 20	1 23 51	19°43'10	16°44	0°37	17°11	19°39	18°17	20° 2	26°27	24°46	10°28	24°43	23°28	0°33	n.a.	T 20
F 21	1 27 47	20°43'59	29°15	1°15	18°25	20°14	18°28	20° 9	26°29	24°47	10°27	24°45	23°25	0°40	n.a.	F 21
S 22	1 31 44	21°44'50	12♓ 6	2° 1	19°39	20°49	18°38	20°16	26°32	24°48	10°26	24°46	23°21	0°46	n.a.	S 22
S 23	1 35 40	22°45'42	25°19	2°54	20°54	21°23	18°49	20°23	26°34	24°50	10°25	24°R47	23°18	0°53	n.a.	S 23
M24	1 39 37	23°46'35	8♈56	3°52	22° 8	21°58	19° 0	20°30	26°37	24°51	10°25	24°46	23°15	1° 0	n.a.	M24
T 25	1 43 33	24°47'29	22°55	4°55	23°22	22°33	19°11	20°38	26°39	24°52	10°24	24°43	23°12	1° 7	n.a.	T 25
W26	1 47 30	25°48'24	7♉12	6° 2	24°36	23° 7	19°22	20°45	26°42	24°54	10°23	24°40	23° 9	1°13	n.a.	W26
T 27	1 51 26	26°49'21	21°43	7°13	25°51	23°42	19°33	20°52	26°44	24°55	10°22	24°35	23° 6	1°20	n.a.	T 27
F 28	1 55 23	27°50'19	6♊19	8°27	27° 5	24°16	19°44	20°59	26°46	24°56	10°21	24°30	23° 2	1°27	n.a.	F 28
S 29	1 59 20	28°51'19	20°56	9°43	28°19	24°51	19°55	21° 6	26°48	24°58	10°21	24°25	22°59	1°33	n.a.	S 29
S 30	2 3 16	29°52'20	5♋25	11° 2	29°34	25°25	20° 6	21°13	26°51	24°59	10°20	24°21	22°56	1°40	n.a.	S 30
M31	2 7 13	0♏53'22	19♋44	12♎23	0♎48	25♌59	20♐18	21♎20	26♌53	25♐ 1	10♓19	24♓19	22♓53	1♉47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s13	27n22	5n 7	7s43	2s22	14n49	1n10	19n47	1n25	23s15	0s18	5s 2	2n14	13n54	0n44	23s 5	0n34	23s45	17s34	2s 3	2s14	28s54		n.a.
S 2	0 37	28 56	5 17	7 12	2 9	14 27	1 12	19 38	1 26	23 16	0 18	5 5	2 13	13 53	0 45	23 5	0 34	23 45	17 34	2 4	2 15	28 54		n.a.
M 3	1 2	28 36	5 7	6 35	1 55	14 4	1 15	19 28	1 26	23 17	0 18	5 8	2 13	13 52	0 45	23 5	0 34	23 46	17 34	2 4	2 16	28 54		n.a.
T 4	1 26	26 23	4 40	5 54	1 38	13 41	1 17	19 19	1 27	23 18	0 18	5 10	2 13	13 51	0 45	23 5	0 34	23 46	17 34	2 3	2 17	28 54		n.a.
W 5	1 50	22 35	3 55	5 9	1 20	13 17	1 19	19 10	1 27	23 19	0 18	5 13	2 13	13 49	0 45	23 5	0 34	23 46	17 33	2 3	2 19	28 54		n.a.
T 6	2 14	17 32	2 57	4 20	1 1	12 53	1 21	19 0	1 28	23 20	0 18	5 16	2 13	13 48	0 45	23 6	0 34	23 46	17 33	2 3	2 20	28 54		n.a.
F 7	2 39	11 38	1 50	3 30	0 40	12 28	1 23	18 51	1 29	23 21	0 18	5 19	2 13	13 47	0 45	23 6	0 34	23 47	17 33	2 2	2 21	28 54		n.a.
S 8	3 3	5 16	0 37	2 39	0 20	12 4	1 25	18 41	1 29	23 22	0 18	5 21	2 13	13 46	0 45	23 6	0 34	23 47	17 33	2 2	2 23	28 54		n.a.
S 9	3 27	1s13	0s37	1 49	0n 1	11 38	1 27	18 31	1 30	23 23	0 19	5 24	2 13	13 45	0 45	23 6	0 34	23 47	17 33	2 2	2 24	28 54		n.a.
M10	3 51	7 32	1 47	1 2	0 21	11 13	1 28	18 21	1 30	23 24	0 19	5 27	2 13	13 44	0 45	23 6	0 34	23 47	17 33	2 2	2 25	28 54		n.a.
T 11	4 15	13 25	2 51	0 18	0 40	10 47	1 30	18 12	1 31	23 25	0 19	5 29	2 13	13 43	0 45	23 6	0 34	23 48	17 32	2 3	2 26	28 54		n.a.
W12	4 39	18 38	3 44	0n20	0 58	10 21	1 32	18 2	1 31	23 26	0 19	5 32	2 13	13 42	0 45	23 6	0 34	23 48	17 32	2 4	2 28	28 54		n.a.
T 13	5 3	22 58	4 27	0 54	1 15	9 54	1 33	17 51	1 32	23 27	0 19	5 35	2 13	13 41	0 45	23 6	0 34	23 48	17 32	2 5	2 29	28 54		n.a.
F 14	5 27	26 14	4 56	1 21	1 30	9 27	1 34	17 41	1 32	23 28	0 19	5 38	2 13	13 40	0 45	23 6	0 34	23 48	17 32	2 6	2 30	28 53		n.a.
S 15	5 51	28 16	5 12	1 41	1 42	9 0	1 36	17 31	1 33	23 29	0 19	5 40	2 13	13 39	0 45	23 6	0 34	23 48	17 32	2 7	2 31	28 53		n.a.
S 16	6 15	29 0	5 14	1 55	1 53	8 33	1 37	17 21	1 34	23 30	0 19	5 43	2 13	13 38	0 45	23 6	0 34	23 49	17 31	2 8	2 33	28 53		n.a.
M17	6 39	28 23	5 3	2 3	2 2	8 5	1 38	17 10	1 34	23 31	0 19	5 46	2 13	13 38	0 45	23 6	0 34	23 49	17 31	2 9	2 34	28 53		n.a.
T 18	7 2	26 27	4 38	2 5	2 10	7 37	1 39	17 0	1 35	23 32	0 19	5 49	2 13	13 37	0 45	23 6	0 34	23 49	17 31	2 9	2 35	28 53		n.a.
W19	7 26	23 19	4 2	2 2	2 15	7 9	1 40	16 49	1 35	23 33	0 19	5 51	2 13	13 36	0 45	23 6	0 34	23 49	17 31	2 8	2 37	28 53		n.a.
T 20	7 49	19 7	3 14	1 53	2 20	6 41	1 41	16 39	1 36	23 34	0 19	5 54	2 13	13 35	0 45	23 7	0 34	23 49	17 30	2 8	2 38	28 53		n.a.
F 21	8 12	14 0	2 16	1 40	2 22	6 12	1 42	16 28	1 36	23 35	0 19	5 57	2 12	13 34	0 45	23 7	0 34	23 49	17 30	2 7	2 39	28 53		n.a.
S 22	8 35	8 11	1 9	1 23	2 24	5 43	1 43	16 17	1 37	23 36	0 19	5 59	2 12	13 33	0 45	23 7	0 34	23 49	17 30	2 6	2 40	28 52		n.a.
S 23	8 58	1 50	0n 3	1 2	2 24	5 14	1 43	16 6	1 38	23 37	0 20	6 2	2 12	13 32	0 45	23 7	0 34	23 49	17 30	2 6	2 42	28 52		n.a.
M24	9 21	4n46	1 17	0 38	2 24	4 45	1 44	15 56	1 38	23 38	0 20	6 5	2 12	13 31	0 45	23 7	0 34	23 50	17 29	2 7	2 43	28 52		n.a.
T 25	9 44	11 19	2 28	0 12	2 22	4 16	1 44	15 45	1 39	23 39	0 20	6 7	2 12	13 31	0 45	23 7	0 34	23 50	17 29	2 7	2 44	28 52		n.a.
W26	10 6	17 26	3 31	0s18	2 20	3 46	1 45	15 34	1 39	23 40	0 20	6 10	2 12	13 30	0 45	23 7	0 34	23 50	17 29	2 9	2 45	28 52		n.a.
T 27	10 29	22 39	4 22	0 49	2 17	3 16	1 45	15 23	1 40	23 41	0 20	6 13	2 12	13 29	0 45	23 7	0 33	23 50	17 29	2 11	2 47	28 52		n.a.
F 28	10 51	26 31	4 56	1 22	2 13	2 47	1 45	15 11	1 40	23 42	0 20	6 15	2 12	13 28	0 45	23 7	0 33	23 50	17 28	2 13	2 48	28 51		n.a.
S 29	11 13	28 37	5 10	1 56	2 9	2 17	1 45	15 0	1 41	23 43	0 20	6 18	2 12	13 28	0 45	23 7	0 33	23 50	17 28	2 15	2 49	28 51		n.a.
S 30	11 35	28 45	5 5	2 31	2 4	1 47	1 45	14 49	1 42	23 44	0 20	6 21	2 12	13 27	0 45	23 7	0 33	23 50	17 28	2 16	2 51	28 51		n.a.
M31	11s57	26n56	4n41	3s 8	1n59	1n17	1n45	14n38	1n42	23s45	0s20	6s23	2n12	13n26	0n45	23s 7	0n33	23s50	17s27	2s17	2s52	28s51		n.a.

Julian Day Number = 1488666.5, Delta T = 05h16m34s
Ecliptic obliquity = 23°46'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'28, Lahiri = -12°45'28 Julian Calendar 1 Oct. 638 BCE == Greg. Calendar 24 Sept. 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

NOVEMBER 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 11 9	1♏54'26	3♌50	13♎46	2♎ 3	26♌34	20♐29	21♎27	26♌55	25♐ 2	10°R19	24°D19	22♓50	1♉54	n.a.	T 1
W 2	2 15 6	2°55'30	17°40	15°10	3°17	27° 8	20°41	21°33	26°57	25° 4	10♓18	24♓19	22°46	2° 0	n.a.	W 2
T 3	2 19 2	3°56'36	1♍16	16°35	4°32	27°42	20°53	21°40	26°59	25° 5	10°17	24°21	22°43	2° 7	n.a.	T 3
F 4	2 22 59	4°57'44	14°39	18° 2	5°47	28°16	21° 5	21°47	27° 1	25° 7	10°17	24°22	22°40	2°14	n.a.	F 4
S 5	2 26 55	5°58'52	27°48	19°29	7° 1	28°50	21°17	21°54	27° 3	25° 9	10°16	24°R23	22°37	2°21	n.a.	S 5
S 6	2 30 52	7° 0'01	10♎46	20°57	8°16	29°23	21°29	22° 1	27° 5	25°10	10°16	24°21	22°34	2°27	n.a.	S 6
M 7	2 34 49	8° 1'11	23°32	22°26	9°31	29°57	21°41	22° 8	27° 7	25°12	10°15	24°18	22°31	2°34	n.a.	M 7
T 8	2 38 45	9° 2'23	6♏ 8	23°55	10°46	0♍31	21°53	22°15	27° 8	25°14	10°15	24°12	22°27	2°41	n.a.	T 8
W 9	2 42 42	10° 3'35	18°33	25°25	12° 0	1° 4	22° 5	22°22	27°10	25°15	10°14	24° 4	22°24	2°47	n.a.	W 9
T 10	2 46 38	11° 4'47	0♐48	26°55	13°15	1°38	22°17	22°29	27°12	25°17	10°14	23°55	22°21	2°54	n.a.	T 10
F 11	2 50 35	12° 6'00	12°53	28°26	14°30	2°11	22°30	22°35	27°14	25°19	10°13	23°45	22°18	3° 1	n.a.	F 11
S 12	2 54 31	13° 7'14	24°51	29°57	15°45	2°45	22°42	22°42	27°15	25°21	10°13	23°35	22°15	3° 8	n.a.	S 12
S 13	2 58 28	14° 8'28	6♑44	1♏28	17° 0	3°18	22°55	22°49	27°17	25°23	10°12	23°27	22°12	3°14	n.a.	S 13
M14	3 2 24	15° 9'43	18°34	2°59	18°15	3°51	23° 7	22°56	27°18	25°24	10°12	23°21	22° 8	3°21	n.a.	M14
T 15	3 6 21	16°10'58	0♒26	4°31	19°30	4°24	23°20	23° 2	27°20	25°26	10°11	23°18	22° 5	3°28	n.a.	T 15
W16	3 10 18	17°12'13	12°24	6° 3	20°45	4°57	23°33	23° 9	27°21	25°28	10°11	23°D16	22° 2	3°34	n.a.	W16
T 17	3 14 14	18°13'28	24°34	7°35	22° 0	5°30	23°46	23°16	27°22	25°30	10°11	23°16	21°59	3°41	n.a.	T 17
F 18	3 18 11	19°14'43	7♓ 0	9° 7	23°14	6° 3	23°58	23°22	27°23	25°32	10°10	23°17	21°56	3°48	n.a.	F 18
S 19	3 22 7	20°15'58	19°47	10°40	24°29	6°35	24°11	23°29	27°25	25°34	10°10	23°R18	21°52	3°55	n.a.	S 19
S 20	3 26 4	21°17'13	3♈ 1	12°13	25°44	7° 8	24°24	23°35	27°26	25°36	10°10	23°17	21°49	4° 1	n.a.	S 20
M21	3 30 0	22°18'28	16°42	13°45	26°59	7°41	24°37	23°42	27°27	25°38	10°10	23°15	21°46	4° 8	n.a.	M21
T 22	3 33 57	23°19'44	0♉51	15°19	28°14	8°13	24°50	23°48	27°28	25°40	10° 9	23°10	21°43	4°15	n.a.	T 22
W23	3 37 53	24°20'59	15°26	16°52	29°29	8°45	25° 4	23°55	27°29	25°42	10° 9	23° 2	21°40	4°22	n.a.	W23
T 24	3 41 50	25°22'15	0♊20	18°26	0♏45	9°17	25°17	24° 1	27°30	25°44	10° 9	22°53	21°37	4°28	n.a.	T 24
F 25	3 45 47	26°23'30	15°24	20° 0	2° 0	9°49	25°30	24° 7	27°31	25°46	10° 9	22°43	21°33	4°35	n.a.	F 25
S 26	3 49 43	27°24'46	0♋28	21°34	3°15	10°21	25°43	24°14	27°32	25°48	10° 9	22°33	21°30	4°42	n.a.	S 26
S 27	3 53 40	28°26'03	15°23	23° 8	4°30	10°53	25°57	24°20	27°32	25°50	10° 8	22°25	21°27	4°48	n.a.	S 27
M28	3 57 36	29°27'19	0♌ 0	24°43	5°45	11°25	26°10	24°26	27°33	25°52	10° 8	22°19	21°24	4°55	n.a.	M28
T 29	4 1 33	0♐28'35	14°16	26°18	7° 0	11°57	26°24	24°32	27°34	25°54	10° 8	22°16	21°21	5° 2	n.a.	T 29
W30	4 5 29	1♐29'52	28♌ 9	27♏54	8♏15	12♍28	26♐37	24♎38	27♌34	25♐56	10♓ 8	22°D15	21♓18	5♉ 9	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s18	23n27	4n 0	3s46	1n54	0n47	1n45	14n27	1n43	23s46	0s20	6s26	2n12	13n25	0n45	23s 7	0n33	23s50	17s27	2s17	2s53	28s51		n.a.
W 2	12 39	18 42	3 6	4 24	1 48	0 16	1 45	14 15	1 43	23 47	0 20	6 28	2 12	13 25	0 46	23 8	0 33	23 50	17 27	2 17	2 54	28 50		n.a.
T 3	13 1	13 4	2 2	5 2	1 42	0s14	1 45	14 4	1 44	23 48	0 20	6 31	2 12	13 24	0 46	23 8	0 33	23 50	17 27	2 17	2 56	28 50		n.a.
F 4	13 21	6 56	0 53	5 42	1 36	0 44	1 44	13 52	1 45	23 49	0 20	6 34	2 13	13 23	0 46	23 8	0 33	23 50	17 26	2 16	2 57	28 50		n.a.
S 5	13 42	0 36	0s19	6 21	1 30	1 14	1 44	13 41	1 45	23 49	0 20	6 36	2 13	13 23	0 46	23 8	0 33	23 50	17 26	2 16	2 58	28 49		n.a.
S 6	14 2	5s39	1 28	7 0	1 23	1 45	1 43	13 30	1 46	23 50	0 21	6 39	2 13	13 22	0 46	23 8	0 33	23 50	17 26	2 16	2 59	28 49		n.a.
M 7	14 23	11 36	2 31	7 40	1 16	2 15	1 43	13 18	1 46	23 51	0 21	6 41	2 13	13 22	0 46	23 8	0 33	23 50	17 25	2 18	3 1	28 49		n.a.
T 8	14 43	16 59	3 26	8 20	1 10	2 45	1 42	13 6	1 47	23 52	0 21	6 44	2 13	13 21	0 46	23 8	0 33	23 49	17 25	2 20	3 2	28 49		n.a.
W 9	15 2	21 35	4 10	8 59	1 3	3 16	1 41	12 55	1 47	23 53	0 21	6 46	2 13	13 20	0 46	23 8	0 33	23 49	17 25	2 23	3 3	28 48		n.a.
T 10	15 22	25 12	4 42	9 39	0 56	3 46	1 41	12 43	1 48	23 54	0 21	6 49	2 13	13 20	0 46	23 8	0 33	23 49	17 24	2 27	3 5	28 48		n.a.
F 11	15 41	27 38	5 1	10 18	0 49	4 16	1 40	12 32	1 49	23 54	0 21	6 51	2 13	13 19	0 46	23 8	0 33	23 49	17 24	2 31	3 6	28 48		n.a.
S 12	16 0	28 46	5 6	10 57	0 42	4 46	1 39	12 20	1 49	23 55	0 21	6 54	2 13	13 19	0 46	23 8	0 33	23 49	17 24	2 35	3 7	28 47		n.a.
S 13	16 18	28 34	4 58	11 36	0 35	5 16	1 38	12 8	1 50	23 56	0 21	6 56	2 13	13 18	0 46	23 9	0 33	23 49	17 23	2 38	3 8	28 47		n.a.
M14	16 37	27 3	4 37	12 15	0 28	5 46	1 37	11 57	1 51	23 57	0 21	6 59	2 13	13 18	0 46	23 9	0 33	23 49	17 23	2 40	3 10	28 47		n.a.
T 15	16 55	24 19	4 5	12 53	0 21	6 16	1 35	11 45	1 51	23 57	0 21	7 1	2 13	13 17	0 46	23 9	0 33	23 49	17 23	2 42	3 11	28 46		n.a.
W16	17 12	20 32	3 21	13 30	0 14	6 45	1 34	11 33	1 52	23 58	0 21	7 4	2 13	13 17	0 46	23 9	0 33	23 48	17 22	2 43	3 12	28 46		n.a.
T 17	17 30	15 50	2 28	14 7	0 7	7 15	1 33	11 22	1 52	23 59	0 21	7 6	2 13	13 17	0 46	23 9	0 33	23 48	17 22	2 43	3 13	28 46		n.a.
F 18	17 47	10 24	1 26	14 44	0 0	7 44	1 32	11 10	1 53	23 59	0 21	7 9	2 13	13 16	0 46	23 9	0 33	23 48	17 22	2 42	3 15	28 45		n.a.
S 19	18 4	4 23	0 19	15 20	0s 6	8 13	1 30	10 58	1 54	24 0	0 21	7 11	2 13	13 16	0 46	23 9	0 33	23 48	17 21	2 42	3 16	28 45		n.a.
S 20	18 20	2n 0	0n52	15 55	0 13	8 42	1 29	10 47	1 54	24 1	0 22	7 13	2 13	13 15	0 46	23 9	0 33	23 48	17 21	2 42	3 17	28 44		n.a.
M21	18 36	8 31	2 2	16 30	0 20	9 11	1 27	10 35	1 55	24 1	0 22	7 16	2 13	13 15	0 46	23 9	0 33	23 47	17 21	2 43	3 19	28 44		n.a.
T 22	18 52	14 50	3 6	17 4	0 26	9 40	1 26	10 23	1 55	24 2	0 22	7 18	2 13	13 15	0 46	23 9	0 33	23 47	17 20	2 45	3 20	28 44		n.a.
W23	19 7	20 31	4 1	17 38	0 33	10 8	1 24	10 11	1 56	24 3	0 22	7 20	2 13	13 14	0 46	23 9	0 33	23 47	17 20	2 48	3 21	28 43		n.a.
T 24	19 22	25 4	4 40	18 11	0 39	10 37	1 22	10 0	1 57	24 3	0 22	7 23	2 14	13 14	0 46	23 9	0 33	23 47	17 19	2 52	3 22	28 43		n.a.
F 25	19 37	27 56	5 0	18 42	0 45	11 4	1 21	9 48	1 57	24 4	0 22	7 25	2 14	13 14	0 47	23 10	0 33	23 46	17 19	2 56	3 24	28 42		n.a.
S 26	19 51	28 46	5 0	19 14	0 51	11 32	1 19	9 36	1 58	24 4	0 22	7 27	2 14	13 14	0 47	23 10	0 33	23 46	17 19	3 0	3 25	28 42		n.a.
S 27	20 5	27 30	4 39	19 44	0 57	11 59	1 17	9 25	1 59	24 5	0 22	7 29	2 14	13 13	0 47	23 10	0 33	23 46	17 18	3 3	3 26	28 41		n.a.
M28	20 19	24 20	4 0	20 13	1 2	12 27	1 15	9 13	1 59	24 5	0 22	7 32	2 14	13 13	0 47	23 10	0 33	23 46	17 18	3 5	3 27	28 41		n.a.
T 29	20 32	19 45	3 7	20 42	1 8	12 53	1 13	9 1	2 0	24 6	0 22	7 34	2 14	13 13	0 47	23 10	0 33	23 45	17 18	3 7	3 29	28 40		n.a.
W30	20s45	14n13	2n 4	21s 9	1s13	13s20	1n11	8n50	2n 0	24s 6	0s22	7s36	2n14	13n13	0n47	23s10	0n33	23s45	17s17	3s 7	3s30	28s40		n.a.

Julian Day Number = 1488697.5, Delta T = 05h16m32s
Ecliptic obliquity = 23°46'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'24, Lahiri = -12°45'24 Julian Calendar 1 Nov. 638 BCE == Greg. Calendar 25 Oct. 638 BCE

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ASTRODIENST EPHEMERIS for the year 638 BCE
geocentric

DECEMBER 638 BCE (-637) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 9 26	2♐31'09	11♍40	29♏29	9♏30	13♍ 0	26♐51	24♎44	27♑35	25♐58	10°R 8	22♓15	21♓14	5♉15	n.a.	T 1
F 2	4 13 23	3°32'26	24°50	1♐ 5	10°45	13°31	27° 4	24°50	27°35	26° 0	10°D 8	22°R15	21°11	5°22	n.a.	F 2
S 3	4 17 19	4°33'43	7♎44	2°42	12° 0	14° 2	27°18	24°56	27°36	26° 3	10♓ 8	22°14	21° 8	5°29	n.a.	S 3
S 4	4 21 16	5°35'00	20°23	4°19	13°15	14°33	27°32	25° 2	27°36	26° 5	10° 8	22°11	21° 5	5°35	n.a.	S 4
M 5	4 25 12	6°36'16	2♏52	5°56	14°31	15° 4	27°45	25° 8	27°36	26° 7	10° 8	22° 4	21° 2	5°42	n.a.	M 5
T 6	4 29 9	7°37'33	15°11	7°34	15°46	15°35	27°59	25°14	27°37	26° 9	10° 8	21°55	20°58	5°49	n.a.	T 6
W 7	4 33 5	8°38'50	27°22	9°12	17° 1	16° 5	28°13	25°20	27°37	26°11	10° 9	21°43	20°55	5°56	n.a.	W 7
T 8	4 37 2	9°40'06	9♐27	10°50	18°16	16°36	28°27	25°25	27°37	26°13	10° 9	21°29	20°52	6° 2	n.a.	T 8
F 9	4 40 59	10°41'21	21°26	12°29	19°31	17° 6	28°41	25°31	27°37	26°16	10° 9	21°14	20°49	6° 9	n.a.	F 9
S 10	4 44 55	11°42'37	3♑20	14° 9	20°46	17°36	28°55	25°37	27°R37	26°18	10° 9	20°59	20°46	6°16	n.a.	S 10
S 11	4 48 52	12°43'51	15°11	15°49	22° 1	18° 6	29° 9	25°42	27°37	26°20	10° 9	20°46	20°43	6°23	n.a.	S 11
M12	4 52 48	13°45'05	27° 1	17°29	23°17	18°36	29°23	25°48	27°37	26°22	10° 9	20°36	20°39	6°29	n.a.	M12
T 13	4 56 45	14°46'18	8♒53	19°10	24°32	19° 6	29°37	25°53	27°37	26°25	10°10	20°28	20°36	6°36	n.a.	T 13
W14	5 0 41	15°47'30	20°50	20°51	25°47	19°35	29°51	25°59	27°37	26°27	10°10	20°23	20°33	6°43	n.a.	W14
T 15	5 4 38	16°48'41	2♓56	22°33	27° 2	20° 5	0♑ 5	26° 4	27°36	26°29	10°10	20°21	20°30	6°49	n.a.	T 15
F 16	5 8 34	17°49'51	15°17	24°15	28°17	20°34	0°19	26° 9	27°36	26°31	10°11	20°21	20°27	6°56	n.a.	F 16
S 17	5 12 31	18°51'00	27°58	25°57	29°32	21° 3	0°33	26°14	27°36	26°34	10°11	20°21	20°24	7° 3	n.a.	S 17
S 18	5 16 28	19°52'07	11♈ 3	27°40	0♐47	21°32	0°47	26°19	27°35	26°36	10°11	20°20	20°20	7°10	n.a.	S 18
M19	5 20 24	20°53'14	24°38	29°23	2° 2	22° 1	1° 1	26°24	27°35	26°38	10°12	20°17	20°17	7°16	n.a.	M19
T 20	5 24 21	21°54'20	8♉43	1♑ 6	3°17	22°29	1°15	26°29	27°34	26°40	10°12	20°11	20°14	7°23	n.a.	T 20
W21	5 28 17	22°55'24	23°17	2°49	4°32	22°58	1°29	26°34	27°34	26°43	10°13	20° 3	20°11	7°30	n.a.	W21
T 22	5 32 14	23°56'27	8♊17	4°33	5°47	23°26	1°44	26°39	27°33	26°45	10°13	19°53	20° 8	7°36	n.a.	T 22
F 23	5 36 10	24°57'30	23°33	6°16	7° 3	23°54	1°58	26°44	27°32	26°47	10°14	19°41	20° 4	7°43	n.a.	F 23
S 24	5 40 7	25°58'31	8♋54	7°59	8°18	24°22	2°12	26°49	27°31	26°49	10°14	19°29	20° 1	7°50	n.a.	S 24
S 25	5 44 4	26°59'32	24° 8	9°41	9°33	24°49	2°26	26°53	27°31	26°52	10°15	19°20	19°58	7°57	n.a.	S 25
M26	5 48 0	28° 0'31	9♌ 6	11°23	10°48	25°17	2°40	26°58	27°30	26°54	10°15	19°12	19°55	8° 3	n.a.	M26
T 27	5 51 57	29° 1'29	23°39	13° 3	12° 3	25°44	2°55	27° 2	27°29	26°56	10°16	19° 8	19°52	8°10	n.a.	T 27
W28	5 55 53	0♑ 2'27	7♍45	14°43	13°18	26°11	3° 9	27° 7	27°28	26°59	10°16	19° 6	19°49	8°17	n.a.	W28
T 29	5 59 50	1° 3'23	21°23	16°20	14°33	26°37	3°23	27°11	27°27	27° 1	10°17	19°D 5	19°45	8°23	n.a.	T 29
F 30	6 3 46	2° 4'19	4♎36	17°56	15°48	27° 4	3°37	27°15	27°26	27° 3	10°17	19°R 5	19°42	8°30	n.a.	F 30
S 31	6 7 43	3♑ 5'13	17♎26	19♑29	17♐ 3	27♍30	3♑52	27♎19	27♑25	27♐ 5	10♓18	19♓ 5	19♓39	8♑37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s57	8n 9	0n56	21s36	1s18	13s46	1n 9	8n38	2n 1	24s 7	0s22	7s38	2n14	13n13	0n47	23s10	0n33	23s45	17s17	3s 7	3s31	28s39			n.a.
F 2	21 9	1 52	0s14	22 1	1 23	14 12	1 7	8 26	2 2	24 7	0 23	7 40	2 14	13 13	0 47	23 10	0 33	23 44	17 17	3 7	3 32	28 39			n.a.
S 3	21 21	4s21	1 21	22 26	1 28	14 37	1 5	8 15	2 2	24 7	0 23	7 42	2 14	13 13	0 47	23 10	0 33	23 44	17 16	3 7	3 34	28 38			n.a.
S 4	21 32	10 17	2 23	22 49	1 33	15 2	1 3	8 3	2 3	24 8	0 23	7 44	2 15	13 12	0 47	23 10	0 33	23 44	17 16	3 9	3 35	28 38			n.a.
M 5	21 43	15 43	3 17	23 11	1 37	15 27	1 1	7 52	2 4	24 8	0 23	7 46	2 15	13 12	0 47	23 10	0 33	23 43	17 15	3 11	3 36	28 37			n.a.
T 6	21 53	20 27	4 1	23 32	1 41	15 51	0 58	7 40	2 4	24 8	0 23	7 49	2 15	13 12	0 47	23 11	0 33	23 43	17 15	3 15	3 38	28 37			n.a.
W 7	22 3	24 17	4 33	23 52	1 44	16 15	0 56	7 29	2 5	24 9	0 23	7 51	2 15	13 12	0 47	23 11	0 33	23 42	17 15	3 20	3 39	28 36			n.a.
T 8	22 13	27 0	4 53	24 10	1 48	16 39	0 54	7 17	2 6	24 9	0 23	7 53	2 15	13 12	0 47	23 11	0 33	23 42	17 14	3 26	3 40	28 36			n.a.
F 9	22 22	28 28	4 59	24 27	1 51	17 2	0 52	7 6	2 6	24 9	0 23	7 54	2 15	13 12	0 47	23 11	0 33	23 42	17 14	3 31	3 41	28 35			n.a.
S 10	22 30	28 36	4 53	24 42	1 54	17 24	0 49	6 54	2 7	24 9	0 23	7 56	2 15	13 12	0 47	23 11	0 32	23 41	17 14	3 37	3 43	28 35			n.a.
S 11	22 38	27 25	4 33	24 56	1 56	17 46	0 47	6 43	2 8	24 10	0 23	7 58	2 15	13 12	0 47	23 11	0 32	23 41	17 13	3 42	3 44	28 34			n.a.
M12	22 46	25 0	4 2	25 8	1 58	18 8	0 45	6 32	2 8	24 10	0 23	8 0	2 15	13 12	0 47	23 11	0 32	23 40	17 13	3 47	3 45	28 33			n.a.
T 13	22 53	21 30	3 20	25 19	2 0	18 29	0 42	6 21	2 9	24 10	0 23	8 2	2 16	13 13	0 47	23 11	0 32	23 40	17 12	3 50	3 46	28 33			n.a.
W14	23 0	17 6	2 29	25 29	2 2	18 50	0 40	6 10	2 10	24 10	0 24	8 4	2 16	13 13	0 47	23 11	0 32	23 40	17 12	3 52	3 48	28 32			n.a.
T 15	23 7	11 59	1 31	25 36	2 3	19 10	0 37	5 58	2 10	24 10	0 24	8 6	2 16	13 13	0 47	23 11	0 32	23 39	17 12	3 52	3 49	28 32			n.a.
F 16	23 13	6 17	0 27	25 42	2 3	19 29	0 35	5 47	2 11	24 10	0 24	8 8	2 16	13 13	0 47	23 11	0 32	23 39	17 11	3 53	3 50	28 31			n.a.
S 17	23 18	0 13	0n40	25 46	2 3	19 48	0 32	5 36	2 12	24 10	0 24	8 9	2 16	13 13	0 48	23 11	0 32	23 38	17 11	3 53	3 51	28 30			n.a.
S 18	23 23	6n 4	1 47	25 48	2 3	20 7	0 30	5 25	2 12	24 10	0 24	8 11	2 16	13 13	0 48	23 11	0 32	23 38	17 11	3 53	3 53	28 30			n.a.
M19	23 27	12 18	2 50	25 48	2 2	20 25	0 27	5 15	2 13	24 10	0 24	8 13	2 16	13 14	0 48	23 12	0 32	23 37	17 10	3 54	3 54	28 29			n.a.
T 20	23 31	18 9	3 46	25 46	2 0	20 42	0 25	5 4	2 14	24 10	0 24	8 14	2 17	13 14	0 48	23 12	0 32	23 37	17 10	3 56	3 55	28 28			n.a.
W21	23 35	23 10	4 28	25 43	1 58	20 59	0 22	4 53	2 14	24 10	0 24	8 16	2 17	13 14	0 48	23 12	0 32	23 36	17 9	4 0	3 57	28 28			n.a.
T 22	23 38	26 50	4 54	25 37	1 56	21 15	0 20	4 42	2 15	24 10	0 24	8 18	2 17	13 14	0 48	23 12	0 32	23 36	17 9	4 4	3 58	28 27			n.a.
F 23	23 41	28 36	4 59	25 30	1 52	21 30	0 17	4 32	2 16	24 10	0 24	8 19	2 17	13 15	0 48	23 12	0 32	23 35	17 9	4 8	3 59	28 26			n.a.
S 24	23 43	28 11	4 43	25 20	1 48	21 45	0 15	4 21	2 16	24 10	0 24	8 21	2 17	13 15	0 48	23 12	0 32	23 35	17 8	4 13	4 0	28 26			n.a.
S 25	23 44	25 38	4 7	25 8	1 44	22 0	0 12	4 11	2 17	24 10	0 25	8 22	2 17	13 15	0 48	23 12	0 32	23 34	17 8	4 17	4 2	28 25			n.a.
M26	23 46	21 21	3 14	24 55	1 38	22 13	0 10	4 0	2 18	24 9	0 25	8 24	2 18	13 16	0 48	23 12	0 32	23 34	17 8	4 20	4 3	28 24			n.a.
T 27	23 46	15 52	2 10	24 39	1 32	22 26	0 7	3 50	2 18	24 9	0 25	8 25	2 18	13 16	0 48	23 12	0 32	23 33	17 7	4 22	4 4	28 24			n.a.
W28	23 46	9 42	1 0	24 22	1 25	22 38	0 5	3 40	2 19	24 9	0 25	8 27	2 18	13 16	0 48	23 12	0 32	23 32	17 7	4 22	4 5	28 23			n.a.
T 29	23 46	3 17	0s12	24 3	1 18	22 50	0 2	3 30	2 20	24 9	0 25	8 28	2 18	13 17	0 48	23 12	0 32	23 32	17 7	4 23	4 7	28 22			n.a.
F 30	23 45	3s 5	1 21	23 42	1 9	23 1	0s 0	3 19	2 20	24 9	0 25	8 29	2 18	13 17	0 48	23 12	0 32	23 31	17 6	4 23	4 8	28 22			n.a.
S 31	23s44	9s 9	2s24	23s19	1s 0	23s11	0s 3	3n 9	2n21	24s 8	0s25	8s31	2n18	13n18	0n48	23s12	0n32	23s31	17s 6	4s23	4s 9	28s21			n.a.

Julian Day Number = 1488727.5, Delta T = 05h16m31s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'20, Lahiri = -12°45'19 Julian Calendar 1 Dec. 638 BCE == Greg. Calendar 24 Nov. 638 BCE

The year -637 astronomical counting style corresponds to year 638 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

JANUARY 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 11 39	4♉ 6'07	29♎59	21♉ 0	18♐18	27♍56	4♉ 6	27♎23	27°R24	27♐ 8	10♓19	19°R 2	19♓36	8♉44	n.a.	S 1
M 2	6 15 36	5° 6'59	12♏17	22°26	19°33	28°22	4°20	27°27	27♌22	27°10	10°19	18♓56	19°33	8°50	n.a.	M 2
T 3	6 19 33	6° 7'50	24°26	23°49	20°48	28°48	4°34	27°31	27°21	27°12	10°20	18°48	19°30	8°57	n.a.	T 3
W 4	6 23 29	7° 8'41	6♐27	25° 6	22° 3	29°13	4°49	27°35	27°20	27°14	10°21	18°37	19°26	9° 4	n.a.	W 4
T 5	6 27 26	8° 9'29	18°24	26°18	23°18	29°38	5° 3	27°39	27°18	27°17	10°22	18°24	19°23	9°10	n.a.	T 5
F 6	6 31 22	9°10'17	0♑17	27°23	24°33	0♎ 3	5°17	27°43	27°17	27°19	10°22	18°10	19°20	9°17	n.a.	F 6
S 7	6 35 19	10°11'03	12° 9	28°22	25°48	0°28	5°31	27°46	27°16	27°21	10°23	17°56	19°17	9°24	n.a.	S 7
S 8	6 39 15	11°11'48	24° 0	29°12	27° 3	0°52	5°46	27°50	27°14	27°23	10°24	17°44	19°14	9°31	n.a.	S 8
M 9	6 43 12	12°12'30	5♒52	29°54	28°18	1°16	6° 0	27°53	27°12	27°26	10°25	17°34	19°10	9°37	n.a.	M 9
T 10	6 47 8	13°13'12	17°48	0♒26	29°33	1°40	6°14	27°57	27°11	27°28	10°26	17°27	19° 7	9°44	n.a.	T 10
W11	6 51 5	14°13'51	29°49	0°49	0♑48	2° 3	6°28	28° 0	27° 9	27°30	10°27	17°23	19° 4	9°51	n.a.	W11
T 12	6 55 2	15°14'29	11♓58	1° 2	2° 3	2°26	6°43	28° 3	27° 8	27°32	10°27	17°D22	19° 1	9°57	n.a.	T 12
F 13	6 58 58	16°15'04	24°20	1°R 4	3°17	2°49	6°57	28° 6	27° 6	27°34	10°28	17°22	18°58	10° 4	n.a.	F 13
S 14	7 2 55	17°15'38	6♈59	0°55	4°32	3°12	7°11	28° 9	27° 4	27°37	10°29	17°22	18°55	10°11	n.a.	S 14
S 15	7 6 51	18°16'10	20° 0	0°37	5°47	3°34	7°25	28°12	27° 2	27°39	10°30	17°R23	18°51	10°18	n.a.	S 15
M16	7 10 48	19°16'39	3♉25	0° 8	7° 2	3°56	7°39	28°15	27° 0	27°41	10°31	17°22	18°48	10°24	n.a.	M16
T 17	7 14 44	20°17'07	17°18	29♉30	8°17	4°17	7°53	28°17	26°59	27°43	10°32	17°19	18°45	10°31	n.a.	T 17
W18	7 18 41	21°17'33	1♊40	28°44	9°32	4°38	8° 7	28°20	26°57	27°45	10°33	17°13	18°42	10°38	n.a.	W18
T 19	7 22 37	22°17'56	16°27	27°52	10°47	4°59	8°21	28°22	26°55	27°47	10°34	17° 6	18°39	10°44	n.a.	T 19
F 20	7 26 34	23°18'18	1♋35	26°53	12° 1	5°20	8°36	28°25	26°53	27°49	10°35	16°58	18°36	10°51	n.a.	F 20
S 21	7 30 31	24°18'38	16°52	25°51	13°16	5°40	8°50	28°27	26°51	27°52	10°36	16°49	18°32	10°58	n.a.	S 21
S 22	7 34 27	25°18'56	2♌ 9	24°46	14°31	6° 0	9° 4	28°29	26°49	27°54	10°37	16°42	18°29	11° 5	n.a.	S 22
M23	7 38 24	26°19'12	17°15	23°41	15°46	6°19	9°17	28°32	26°47	27°56	10°38	16°37	18°26	11°11	n.a.	M23
T 24	7 42 20	27°19'26	2♍ 0	22°36	17° 1	6°38	9°31	28°34	26°44	27°58	10°39	16°34	18°23	11°18	n.a.	T 24
W25	7 46 17	28°19'38	16°19	21°34	18°15	6°57	9°45	28°36	26°42	28° 0	10°41	16°D33	18°20	11°25	n.a.	W25
T 26	7 50 13	29°19'49	0♎ 9	20°36	19°30	7°15	9°59	28°38	26°40	28° 2	10°42	16°33	18°16	11°32	n.a.	T 26
F 27	7 54 10	0♒19'57	13°30	19°42	20°45	7°33	10°13	28°39	26°38	28° 4	10°43	16°35	18°13	11°38	n.a.	F 27
S 28	7 58 6	1°20'05	26°27	18°54	22° 0	7°50	10°27	28°41	26°36	28° 6	10°44	16°R36	18°10	11°45	n.a.	S 28
S 29	8 2 3	2°20'10	9♏ 2	18°12	23°14	8° 7	10°41	28°43	26°33	28° 8	10°45	16°36	18° 7	11°52	n.a.	S 29
M30	8 6 0	3°20'14	21°20	17°36	24°29	8°24	10°54	28°44	26°31	28°10	10°46	16°34	18° 4	11°58	n.a.	M30
T 31	8 9 56	4♒20'16	3♐26	17♑ 7	25♑44	8♎40	11♑ 8	28♎45	26♌29	28♐12	10♓47	16♓30	18♓ 1	12♑ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s43	14s42	3s18	22s55	0s49	23s20	0s 5	3n 0	2n22	24s 8	0s25	8s32	2n19	13n18	0n48	23s12	0n32	23s30	17s 6	4s24	4s10	28s20			n.a.
M 2	23 40	19 34	4 2	22 30	0 38	23 29	0 8	2 50	2 22	24 8	0 25	8 33	2 19	13 18	0 48	23 12	0 32	23 30	17 5	4 26	4 12	28 19			n.a.
T 3	23 38	23 34	4 34	22 4	0 26	23 37	0 10	2 40	2 23	24 7	0 25	8 35	2 19	13 19	0 48	23 12	0 32	23 29	17 5	4 29	4 13	28 19			n.a.
W 4	23 35	26 31	4 54	21 37	0 13	23 45	0 13	2 31	2 24	24 7	0 26	8 36	2 19	13 19	0 48	23 13	0 32	23 28	17 5	4 34	4 14	28 18			n.a.
T 5	23 31	28 15	5 1	21 10	0n 1	23 51	0 15	2 21	2 25	24 6	0 26	8 37	2 19	13 20	0 48	23 13	0 32	23 28	17 4	4 39	4 15	28 17			n.a.
F 6	23 27	28 41	4 54	20 43	0 16	23 57	0 18	2 12	2 25	24 6	0 26	8 38	2 19	13 20	0 48	23 13	0 32	23 27	17 4	4 44	4 17	28 16			n.a.
S 7	23 23	27 46	4 35	20 16	0 31	24 2	0 20	2 2	2 26	24 5	0 26	8 39	2 20	13 21	0 48	23 13	0 32	23 27	17 4	4 50	4 18	28 15			n.a.
S 8	23 18	25 36	4 4	19 50	0 47	24 7	0 22	1 53	2 27	24 5	0 26	8 40	2 20	13 22	0 48	23 13	0 32	23 26	17 3	4 55	4 19	28 15			n.a.
M 9	23 12	22 19	3 22	19 25	1 4	24 11	0 25	1 44	2 27	24 4	0 26	8 42	2 20	13 22	0 48	23 13	0 32	23 25	17 3	4 59	4 21	28 14			n.a.
T 10	23 6	18 6	2 31	19 2	1 21	24 14	0 27	1 35	2 28	24 4	0 26	8 43	2 20	13 23	0 48	23 13	0 32	23 25	17 3	5 1	4 22	28 13			n.a.
W11	23 0	13 8	1 32	18 40	1 38	24 16	0 29	1 26	2 29	24 3	0 26	8 44	2 20	13 23	0 48	23 13	0 32	23 24	17 2	5 3	4 23	28 12			n.a.
T 12	22 53	7 36	0 29	18 21	1 55	24 17	0 32	1 18	2 29	24 3	0 26	8 44	2 21	13 24	0 49	23 13	0 32	23 24	17 2	5 4	4 24	28 11			n.a.
F 13	22 46	1 43	0n37	18 4	2 12	24 18	0 34	1 9	2 30	24 2	0 27	8 45	2 21	13 25	0 49	23 13	0 32	23 23	17 2	5 4	4 26	28 10			n.a.
S 14	22 39	4n23	1 43	17 50	2 28	24 18	0 36	1 1	2 31	24 1	0 27	8 46	2 21	13 25	0 49	23 13	0 32	23 22	17 2	5 3	4 27	28 10			n.a.
S 15	22 30	10 28	2 45	17 38	2 44	24 17	0 38	0 52	2 31	24 1	0 27	8 47	2 21	13 26	0 49	23 13	0 32	23 22	17 1	5 3	4 28	28 9			n.a.
M16	22 22	16 16	3 41	17 30	2 58	24 15	0 40	0 44	2 32	24 0	0 27	8 48	2 21	13 26	0 49	23 13	0 32	23 21	17 1	5 4	4 29	28 8			n.a.
T 17	22 13	21 28	4 25	17 25	3 12	24 13	0 42	0 36	2 33	23 59	0 27	8 49	2 22	13 27	0 49	23 13	0 32	23 20	17 1	5 5	4 31	28 7			n.a.
W18	22 4	25 35	4 54	17 23	3 23	24 10	0 45	0 28	2 33	23 58	0 27	8 50	2 22	13 28	0 49	23 13	0 32	23 20	17 0	5 7	4 32	28 6			n.a.
T 19	21 54	28 8	5 5	17 24	3 33	24 6	0 47	0 21	2 34	23 58	0 27	8 50	2 22	13 29	0 49	23 13	0 32	23 19	17 0	5 10	4 33	28 5			n.a.
F 20	21 44	28 42	4 56	17 27	3 41	24 2	0 49	0 13	2 35	23 57	0 27	8 51	2 22	13 29	0 49	23 13	0 32	23 18	17 0	5 13	4 34	28 4			n.a.
S 21	21 33	27 4	4 25	17 33	3 47	23 56	0 50	0 6	2 35	23 56	0 28	8 52	2 22	13 30	0 49	23 13	0 32	23 18	17 0	5 16	4 36	28 3			n.a.
S 22	21 22	23 27	3 35	17 41	3 51	23 50	0 52	0s 2	2 36	23 55	0 28	8 52	2 23	13 31	0 49	23 13	0 32	23 17	16 59	5 19	4 37	28 2			n.a.
M23	21 11	18 16	2 31	17 51	3 52	23 44	0 54	0 9	2 37	23 54	0 28	8 53	2 23	13 32	0 49	23 13	0 32	23 17	16 59	5 21	4 38	28 1			n.a.
T 24	20 59	12 7	1 18	18 3	3 51	23 36	0 56	0 16	2 37	23 53	0 28	8 53	2 23	13 32	0 49	23 13	0 32	23 16	16 59	5 23	4 39	28 1			n.a.
W25	20 47	5 30	0 1	18 16	3 48	23 28	0 58	0 23	2 38	23 53	0 28	8 54	2 23	13 33	0 49	23 13	0 32	23 15	16 59	5 23	4 41	28 0			n.a.
T 26	20 35	1s10	1s13	18 30	3 43	23 19	0 59	0 30	2 39	23 52	0 28	8 54	2 23	13 34	0 49	23 14	0 32	23 15	16 58	5 23	4 42	27 59			n.a.
F 27	20 22	7 33	2 20	18 44	3 36	23 9	1 1	0 36	2 39	23 51	0 28	8 55	2 24	13 35	0 49	23 14	0 32	23 14	16 58	5 22	4 43	27 58			n.a.
S 28	20 8	13 25	3 18	18 59	3 28	22 59	1 3	0 42	2 40	23 50	0 28	8 55	2 24	13 35	0 49	23 14	0 32	23 13	16 58	5 22	4 44	27 57			n.a.
S 29	19 55	18 34	4 5	19 14	3 19	22 48	1 4	0 49	2 41	23 49	0 29	8 55	2 24	13 36	0 49	23 14	0 32	23 13	16 58	5 22	4 46	27 56			n.a.
M30	19 41	22 50	4 40	19 29	3 8	22 36	1 6	0 55	2 41	23 48	0 29	8 56	2 24	13 37	0 49	23 14	0 32	23 12	16 57	5 23	4 47	27 55			n.a.
T 31	19s27	26s 3	5s 1	19s44	2n57	22s24	1s 7	1s 0	2n42	23s47	0s29	8s56	2n25	13n38	0n49	23s14	0n32	23s11	16s57	5s24	4s48	27s54			n.a.

Julian Day Number = 1488758.5, Delta T = 05h16m30s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'16, Lahiri = -12°45'15 Julian Calendar 1 Jan. 637 BCE == Greg. Calendar 25 Dec. 638 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

FEBRUARY 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 13 53	5♒20'16	15♐23	16°R45	26♉58	8♎55	11♉22	28♎47	26°R26	28♐14	10♓49	16°R24	17♓57	12♉12	n.a.	W 1
T 2	8 17 49	6°20'15	27°15	16♉30	28°13	9°10	11°35	28°48	26♌24	28°15	10°50	16♓17	17°54	12°18	n.a.	T 2
F 3	8 21 46	7°20'12	9♉ 6	16°22	29°28	9°25	11°49	28°49	26°22	28°17	10°51	16°10	17°51	12°25	n.a.	F 3
S 4	8 25 42	8°20'06	20°57	16°D20	0♒42	9°39	12° 3	28°50	26°19	28°19	10°52	16° 2	17°48	12°32	n.a.	S 4
S 5	8 29 39	9°19'59	2♒51	16°25	1°57	9°53	12°16	28°51	26°17	28°21	10°54	15°56	17°45	12°39	n.a.	S 5
M 6	8 33 35	10°19'49	14°49	16°35	3°12	10° 6	12°29	28°51	26°14	28°23	10°55	15°50	17°42	12°45	n.a.	M 6
T 7	8 37 32	11°19'38	26°53	16°51	4°26	10°18	12°43	28°52	26°12	28°25	10°56	15°47	17°38	12°52	n.a.	T 7
W 8	8 41 29	12°19'24	9♓ 5	17°12	5°41	10°30	12°56	28°53	26° 9	28°26	10°57	15°45	17°35	12°59	n.a.	W 8
T 9	8 45 25	13°19'08	21°26	17°38	6°55	10°42	13°10	28°53	26° 7	28°28	10°59	15°D45	17°32	13° 5	n.a.	T 9
F 10	8 49 22	14°18'49	3♈58	18° 9	8°10	10°53	13°23	28°54	26° 4	28°30	11° 0	15°46	17°29	13°12	n.a.	F 10
S 11	8 53 18	15°18'29	16°45	18°44	9°25	11° 3	13°36	28°54	26° 2	28°32	11° 1	15°48	17°26	13°19	n.a.	S 11
S 12	8 57 15	16°18'05	29°49	19°23	10°39	11°13	13°49	28°54	25°59	28°33	11° 2	15°49	17°22	13°26	n.a.	S 12
M13	9 1 11	17°17'40	13♉13	20° 6	11°54	11°22	14° 2	28°R54	25°57	28°35	11° 4	15°R50	17°19	13°32	n.a.	M13
T 14	9 5 8	18°17'12	26°59	20°53	13° 8	11°30	14°15	28°54	25°54	28°37	11° 5	15°50	17°16	13°39	n.a.	T 14
W15	9 9 4	19°16'42	11♊ 7	21°43	14°23	11°38	14°28	28°54	25°51	28°38	11° 6	15°48	17°13	13°46	n.a.	W15
T 16	9 13 1	20°16'09	25°36	22°37	15°37	11°45	14°41	28°54	25°49	28°40	11° 8	15°46	17°10	13°52	n.a.	T 16
F 17	9 16 58	21°15'34	10♋22	23°33	16°52	11°52	14°54	28°53	25°46	28°41	11° 9	15°43	17° 7	13°59	n.a.	F 17
S 18	9 20 54	22°14'56	25°19	24°32	18° 6	11°58	15° 7	28°53	25°44	28°43	11°11	15°39	17° 3	14° 6	n.a.	S 18
S 19	9 24 51	23°14'16	10♌20	25°34	19°21	12° 4	15°20	28°52	25°41	28°44	11°12	15°37	17° 0	14°13	n.a.	S 19
M20	9 28 47	24°13'34	25°14	26°38	20°35	12° 8	15°32	28°52	25°39	28°46	11°13	15°35	16°57	14°19	n.a.	M20
T 21	9 32 44	25°12'49	9♍55	27°45	21°49	12°12	15°45	28°51	25°36	28°47	11°15	15°D34	16°54	14°26	n.a.	T 21
W22	9 36 40	26°12'02	24°15	28°54	23° 4	12°16	15°57	28°50	25°33	28°49	11°16	15°34	16°51	14°33	n.a.	W22
T 23	9 40 37	27°11'14	8♎10	0♒ 5	24°18	12°18	16°10	28°49	25°31	28°50	11°17	15°35	16°48	14°39	n.a.	T 23
F 24	9 44 33	28°10'23	21°40	1°19	25°33	12°20	16°22	28°48	25°28	28°52	11°19	15°36	16°44	14°46	n.a.	F 24
S 25	9 48 30	29° 9'31	4♏44	2°34	26°47	12°21	16°35	28°47	25°26	28°53	11°20	15°37	16°41	14°53	n.a.	S 25
S 26	9 52 26	0♓ 8'36	17°25	3°51	28° 1	12°R22	16°47	28°46	25°23	28°54	11°22	15°38	16°38	15° 0	n.a.	S 26
M27	9 56 23	1° 7'40	29°48	5°11	29°16	12°22	16°59	28°45	25°20	28°56	11°23	15°R39	16°35	15° 6	n.a.	M27
T 28	10 0 20	2° 6'42	11♐55	6°32	0♓30	12°21	17°11	28°43	25°18	28°57	11°25	15°38	16°32	15°13	n.a.	T 28
W29	10 4 16	3♓ 5'42	23♐53	7♒54	1♓44	12♎19	17♉23	28♎42	25♌15	28♐58	11♓26	15♓37	16♓28	15♉20	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s12	28s 4	5s 9	19s59	2n44	22s11	1s 9	1s 6	2n42	23s46	0s29	8s56	2n25	13n39	0n49	23s14	0n32	23s11	16s57	5s26	4s50	27s53		n.a.
T 2	18 57	28 48	5 3	20 14	2 32	21 57	1 10	1 12	2 43	23 45	0 29	8 57	2 25	13 40	0 49	23 14	0 32	23 10	16 57	5 29	4 51	27 52		n.a.
F 3	18 42	28 12	4 45	20 28	2 19	21 43	1 11	1 17	2 44	23 44	0 29	8 57	2 25	13 40	0 49	23 14	0 32	23 9	16 57	5 32	4 52	27 51		n.a.
S 4	18 26	26 18	4 14	20 41	2 6	21 28	1 13	1 22	2 44	23 42	0 29	8 57	2 25	13 41	0 49	23 14	0 32	23 9	16 56	5 35	4 53	27 50		n.a.
S 5	18 10	23 14	3 32	20 54	1 52	21 12	1 14	1 27	2 45	23 41	0 29	8 57	2 26	13 42	0 49	23 14	0 32	23 8	16 56	5 38	4 55	27 49		n.a.
M 6	17 54	19 10	2 40	21 6	1 39	20 56	1 15	1 32	2 45	23 40	0 30	8 57	2 26	13 43	0 49	23 14	0 32	23 7	16 56	5 40	4 56	27 48		n.a.
T 7	17 37	14 18	1 41	21 17	1 26	20 39	1 16	1 36	2 46	23 39	0 30	8 57	2 26	13 44	0 49	23 14	0 32	23 7	16 56	5 41	4 57	27 47		n.a.
W 8	17 20	8 50	0 36	21 27	1 13	20 22	1 17	1 40	2 46	23 38	0 30	8 57	2 26	13 45	0 49	23 14	0 32	23 6	16 56	5 42	4 58	27 46		n.a.
T 9	17 3	2 58	0n31	21 36	1 0	20 3	1 18	1 44	2 47	23 37	0 30	8 57	2 26	13 46	0 49	23 14	0 32	23 5	16 55	5 42	5 0	27 44		n.a.
F 10	16 46	3n 6	1 38	21 45	0 47	19 45	1 19	1 48	2 47	23 35	0 30	8 57	2 27	13 46	0 49	23 14	0 32	23 5	16 55	5 41	5 1	27 43		n.a.
S 11	16 28	9 9	2 42	21 52	0 35	19 26	1 20	1 52	2 48	23 34	0 30	8 57	2 27	13 47	0 49	23 14	0 32	23 4	16 55	5 41	5 2	27 42		n.a.
S 12	16 10	14 58	3 38	21 58	0 23	19 6	1 21	1 55	2 48	23 33	0 30	8 57	2 27	13 48	0 49	23 14	0 32	23 3	16 55	5 40	5 3	27 41		n.a.
M13	15 52	20 13	4 24	22 3	0 11	18 46	1 21	1 59	2 49	23 32	0 31	8 57	2 27	13 49	0 49	23 14	0 32	23 3	16 55	5 40	5 5	27 40		n.a.
T 14	15 34	24 34	4 57	22 7	0 0	18 25	1 22	2 2	2 49	23 31	0 31	8 56	2 27	13 50	0 49	23 14	0 32	23 2	16 55	5 40	5 6	27 39		n.a.
W15	15 15	27 35	5 13	22 10	0s11	18 4	1 23	2 4	2 49	23 29	0 31	8 56	2 28	13 51	0 49	23 14	0 32	23 1	16 55	5 40	5 7	27 38		n.a.
T 16	14 56	28 51	5 9	22 12	0 21	17 42	1 23	2 7	2 50	23 28	0 31	8 56	2 28	13 52	0 49	23 14	0 32	23 1	16 54	5 41	5 8	27 37		n.a.
F 17	14 37	28 6	4 45	22 12	0 31	17 20	1 24	2 9	2 50	23 27	0 31	8 56	2 28	13 53	0 49	23 14	0 32	23 0	16 54	5 43	5 10	27 36		n.a.
S 18	14 17	25 20	4 2	22 11	0 41	16 57	1 24	2 11	2 50	23 25	0 31	8 55	2 28	13 54	0 49	23 14	0 32	22 59	16 54	5 44	5 11	27 34		n.a.
S 19	13 58	20 49	3 2	22 9	0 50	16 34	1 24	2 13	2 51	23 24	0 32	8 55	2 29	13 54	0 49	23 14	0 32	22 59	16 54	5 45	5 12	27 33		n.a.
M20	13 38	15 0	1 50	22 5	0 59	16 10	1 25	2 15	2 51	23 23	0 32	8 54	2 29	13 55	0 49	23 14	0 32	22 58	16 54	5 46	5 13	27 32		n.a.
T 21	13 18	8 26	0 31	22 0	1 7	15 46	1 25	2 16	2 51	23 21	0 32	8 54	2 29	13 56	0 49	23 14	0 32	22 57	16 54	5 46	5 15	27 31		n.a.
W22	12 58	1 35	0s48	21 54	1 15	15 21	1 25	2 17	2 51	23 20	0 32	8 54	2 29	13 57	0 49	23 14	0 32	22 57	16 54	5 46	5 16	27 30		n.a.
T 23	12 37	5s 8	2 2	21 46	1 23	14 56	1 25	2 18	2 51	23 19	0 32	8 53	2 29	13 58	0 49	23 14	0 32	22 56	16 54	5 46	5 17	27 29		n.a.
F 24	12 16	11 26	3 6	21 37	1 30	14 31	1 25	2 19	2 52	23 17	0 32	8 53	2 30	13 59	0 49	23 14	0 32	22 55	16 54	5 45	5 18	27 28		n.a.
S 25	11 56	17 1	3 59	21 26	1 37	14 5	1 25	2 19	2 52	23 16	0 32	8 52	2 30	14 0	0 49	23 14	0 32	22 55	16 53	5 45	5 20	27 26		n.a.
S 26	11 35	21 43	4 39	21 13	1 43	13 39	1 25	2 19	2 52	23 15	0 33	8 51	2 30	14 1	0 49	23 14	0 32	22 54	16 53	5 44	5 21	27 25		n.a.
M27	11 13	25 20	5 4	21 0	1 49	13 13	1 25	2 19	2 52	23 13	0 33	8 51	2 30	14 2	0 49	23 14	0 32	22 54	16 53	5 44	5 22	27 24		n.a.
T 28	10 52	27 44	5 15	20 44	1 54	12 46	1 25	2 19	2 52	23 12	0 33	8 50	2 30	14 2	0 49	23 14	0 32	22 53	16 53	5 44	5 23	27 23		n.a.
W29	10s31	28s50	5s13	20s27	1s59	12s19	1s24	2s18	2n52	23s10	0s33	8s49	2n30	14n 3	0n49	23s14	0n32	22s52	16s53	5s45	5s25	27s21		n.a.

Julian Day Number = 1488789.5, Delta T = 05h16m28s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'12, Lahiri = -12°45'11 Julian Calendar 1 Feb. 637 BCE == Greg. Calendar 25 Jan. 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

MARCH 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 8 13	4♓ 4'40	5♉45	9♒19	2♓59	12°R16	17♉35	28°R40	25°R13	28♐59	11♓27	15°R36	16♓25	15♉26	n.a.	T 1
F 2	10 12 9	5° 3'36	17°36	10°45	4°13	12♎13	17°47	28♎39	25♌10	29° 1	11°29	15♓35	16°22	15°33	n.a.	F 2
S 3	10 16 6	6° 2'30	29°28	12°13	5°27	12° 9	17°59	28°37	25° 8	29° 2	11°30	15°33	16°19	15°40	n.a.	S 3
S 4	10 20 2	7° 1'22	11♒26	13°43	6°41	12° 4	18°10	28°35	25° 5	29° 3	11°32	15°32	16°16	15°46	n.a.	S 4
M 5	10 23 59	8° 0'12	23°32	15°14	7°56	11°59	18°22	28°33	25° 2	29° 4	11°33	15°31	16°13	15°53	n.a.	M 5
T 6	10 27 55	8°59'01	5♓47	16°46	9°10	11°52	18°34	28°31	25° 0	29° 5	11°35	15°31	16° 9	16° 0	n.a.	T 6
W 7	10 31 52	9°57'46	18°13	18°21	10°24	11°45	18°45	28°29	24°57	29° 6	11°36	15°D30	16° 6	16° 7	n.a.	W 7
T 8	10 35 49	10°56'30	0♈52	19°57	11°38	11°37	18°56	28°27	24°55	29° 7	11°37	15°31	16° 3	16°13	n.a.	T 8
F 9	10 39 45	11°55'12	13°44	21°34	12°53	11°29	19° 8	28°25	24°53	29° 8	11°39	15°31	16° 0	16°20	n.a.	F 9
S 10	10 43 42	12°53'51	26°49	23°13	14° 7	11°19	19°19	28°22	24°50	29° 9	11°40	15°31	15°57	16°27	n.a.	S 10
S 11	10 47 38	13°52'28	10♉ 9	24°54	15°21	11° 9	19°30	28°20	24°48	29°10	11°42	15°32	15°53	16°33	n.a.	S 11
M12	10 51 35	14°51'03	23°43	26°36	16°35	10°58	19°41	28°17	24°45	29°11	11°43	15°32	15°50	16°40	n.a.	M12
T 13	10 55 31	15°49'36	7♊32	28°20	17°49	10°46	19°52	28°15	24°43	29°12	11°45	15°R32	15°47	16°47	n.a.	T 13
W14	10 59 28	16°48'06	21°34	0♓ 5	19° 3	10°34	20° 2	28°12	24°41	29°13	11°46	15°D32	15°44	16°53	n.a.	W14
T 15	11 3 24	17°46'34	5♋49	1°52	20°17	10°21	20°13	28° 9	24°38	29°13	11°47	15°32	15°41	17° 0	n.a.	T 15
F 16	11 7 21	18°45'00	20°14	3°41	21°31	10° 7	20°24	28° 6	24°36	29°14	11°49	15°32	15°38	17° 7	n.a.	F 16
S 17	11 11 17	19°43'23	4♌46	5°31	22°46	9°53	20°34	28° 3	24°34	29°15	11°50	15°32	15°34	17°14	n.a.	S 17
S 18	11 15 14	20°41'44	19°20	7°23	24° 0	9°38	20°45	28° 0	24°31	29°16	11°52	15°33	15°31	17°20	n.a.	S 18
M19	11 19 11	21°40'03	3♍50	9°16	25°14	9°22	20°55	27°57	24°29	29°16	11°53	15°33	15°28	17°27	n.a.	M19
T 20	11 23 7	22°38'20	18°10	11°11	26°28	9° 5	21° 5	27°54	24°27	29°17	11°55	15°R33	15°25	17°34	n.a.	T 20
W21	11 27 4	23°36'35	2♎17	13° 8	27°42	8°49	21°15	27°51	24°25	29°17	11°56	15°33	15°22	17°40	n.a.	W21
T 22	11 31 0	24°34'48	16° 5	15° 6	28°56	8°31	21°25	27°48	24°23	29°18	11°57	15°32	15°19	17°47	n.a.	T 22
F 23	11 34 57	25°32'59	29°32	17° 6	0♈10	8°13	21°35	27°45	24°20	29°19	11°59	15°31	15°15	17°54	n.a.	F 23
S 24	11 38 53	26°31'09	12♏38	19° 7	1°23	7°55	21°45	27°41	24°18	29°19	12° 0	15°30	15°12	18° 1	n.a.	S 24
S 25	11 42 50	27°29'17	25°22	21°10	2°37	7°36	21°54	27°38	24°16	29°20	12° 2	15°28	15° 9	18° 7	n.a.	S 25
M26	11 46 46	28°27'23	7♐48	23°14	3°51	7°16	22° 4	27°34	24°14	29°20	12° 3	15°27	15° 6	18°14	n.a.	M26
T 27	11 50 43	29°25'28	19°59	25°19	5° 5	6°56	22°13	27°31	24°12	29°20	12° 4	15°26	15° 3	18°21	n.a.	T 27
W28	11 54 40	0♈23'32	1♑58	27°26	6°19	6°36	22°22	27°27	24°10	29°21	12° 6	15°D26	14°59	18°27	n.a.	W28
T 29	11 58 36	1°21'34	13°51	29°34	7°33	6°16	22°31	27°23	24° 8	29°21	12° 7	15°26	14°56	18°34	n.a.	T 29
F 30	12 2 33	2°19'34	25°43	1♈42	8°47	5°55	22°40	27°19	24° 7	29°21	12° 8	15°27	14°53	18°41	n.a.	F 30
S 31	12 6 29	3♈17'33	7♒37	3♈51	10♈ 1	5♎34	22♑49	27♎16	24♌ 5	29♐22	12♓10	15♓29	14♓50	18♉47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10s 9	28s35	4s57	20s 9	2s 3	11s51	1s24	2s17	2n51	23s 9	0s33	8s49	2n31	14n 4	0n49	23s14	0n32	22s52	16s53	5s45	5s26	27s20			n.a.
F 2	9 47	27 2	4 28	19 49	2 7	11 24	1 24	2 16	2 51	23 8	0 34	8 48	2 31	14 5	0 49	23 14	0 32	22 51	16 53	5 46	5 27	27 19			n.a.
S 3	9 25	24 16	3 48	19 27	2 10	10 56	1 23	2 15	2 51	23 6	0 34	8 47	2 31	14 6	0 49	23 14	0 32	22 50	16 53	5 46	5 28	27 18			n.a.
S 4	9 3	20 26	2 58	19 4	2 13	10 27	1 23	2 13	2 51	23 5	0 34	8 46	2 31	14 7	0 49	23 14	0 32	22 50	16 53	5 47	5 30	27 17			n.a.
M 5	8 41	15 44	1 59	18 39	2 16	9 59	1 22	2 11	2 50	23 3	0 34	8 45	2 31	14 8	0 49	23 14	0 32	22 49	16 53	5 47	5 31	27 15			n.a.
T 6	8 19	10 21	0 54	18 12	2 17	9 30	1 21	2 9	2 50	23 2	0 34	8 44	2 32	14 8	0 49	23 14	0 32	22 49	16 53	5 47	5 32	27 14			n.a.
W 7	7 56	4 29	0n15	17 44	2 19	9 1	1 21	2 7	2 50	23 1	0 34	8 44	2 32	14 9	0 49	23 14	0 32	22 48	16 53	5 47	5 33	27 13			n.a.
T 8	7 34	1n38	1 24	17 15	2 20	8 31	1 20	2 4	2 49	22 59	0 35	8 43	2 32	14 10	0 49	23 14	0 32	22 47	16 53	5 47	5 35	27 11			n.a.
F 9	7 11	7 47	2 30	16 43	2 20	8 2	1 19	2 1	2 49	22 58	0 35	8 42	2 32	14 11	0 49	23 14	0 32	22 47	16 53	5 47	5 36	27 10			n.a.
S 10	6 49	13 44	3 30	16 10	2 20	7 32	1 18	1 58	2 48	22 56	0 35	8 41	2 32	14 12	0 49	23 14	0 32	22 46	16 53	5 47	5 37	27 9			n.a.
S 11	6 26	19 9	4 19	15 36	2 20	7 2	1 17	1 55	2 47	22 55	0 35	8 40	2 32	14 13	0 49	23 14	0 32	22 46	16 53	5 47	5 38	27 8			n.a.
M12	6 3	23 43	4 54	14 59	2 19	6 32	1 16	1 51	2 47	22 53	0 35	8 39	2 33	14 13	0 49	23 14	0 32	22 45	16 53	5 47	5 40	27 6			n.a.
T 13	5 40	27 2	5 14	14 21	2 17	6 2	1 15	1 47	2 46	22 52	0 35	8 37	2 33	14 14	0 49	23 14	0 32	22 45	16 53	5 47	5 41	27 5			n.a.
W14	5 17	28 45	5 15	13 42	2 15	5 31	1 14	1 43	2 45	22 51	0 36	8 36	2 33	14 15	0 49	23 14	0 32	22 44	16 53	5 47	5 42	27 4			n.a.
T 15	4 54	28 36	4 57	13 1	2 12	5 1	1 13	1 39	2 44	22 49	0 36	8 35	2 33	14 16	0 49	23 14	0 32	22 44	16 53	5 47	5 43	27 2			n.a.
F 16	4 31	26 31	4 21	12 18	2 9	4 30	1 12	1 34	2 43	22 48	0 36	8 34	2 33	14 17	0 49	23 14	0 32	22 43	16 53	5 47	5 45	27 1			n.a.
S 17	4 7	22 41	3 27	11 33	2 5	3 59	1 10	1 30	2 42	22 46	0 36	8 33	2 33	14 17	0 49	23 14	0 32	22 43	16 53	5 47	5 46	27 0			n.a.
S 18	3 44	17 27	2 20	10 47	2 1	3 28	1 9	1 25	2 41	22 45	0 36	8 32	2 33	14 18	0 49	23 14	0 32	22 42	16 53	5 47	5 47	26 58			n.a.
M19	3 21	11 15	1 5	10 0	1 56	2 57	1 8	1 20	2 39	22 44	0 37	8 31	2 34	14 19	0 49	23 14	0 32	22 41	16 53	5 46	5 48	26 57			n.a.
T 20	2 58	4 31	0s15	9 10	1 51	2 26	1 6	1 14	2 38	22 42	0 37	8 29	2 34	14 20	0 49	23 14	0 32	22 41	16 53	5 46	5 50	26 55			n.a.
W21	2 34	2s19	1 31	8 20	1 45	1 55	1 5	1 9	2 36	22 41	0 37	8 28	2 34	14 20	0 49	23 14	0 32	22 40	16 53	5 46	5 51	26 54			n.a.
T 22	2 11	8 53	2 41	7 28	1 38	1 24	1 3	1 3	2 35	22 39	0 37	8 27	2 34	14 21	0 49	23 14	0 32	22 40	16 53	5 47	5 52	26 53			n.a.
F 23	1 48	14 53	3 40	6 34	1 31	0 53	1 2	0 58	2 33	22 38	0 37	8 25	2 34	14 22	0 49	23 14	0 32	22 39	16 53	5 47	5 53	26 51			n.a.
S 24	1 24	20 3	4 26	5 39	1 24	0 21	1 0	0 52	2 32	22 37	0 38	8 24	2 34	14 22	0 49	23 14	0 32	22 39	16 54	5 48	5 55	26 50			n.a.
S 25	1 1	24 10	4 57	4 43	1 16	0n10	0 58	0 46	2 30	22 35	0 38	8 23	2 34	14 23	0 49	23 14	0 32	22 39	16 54	5 48	5 56	26 48			n.a.
M26	0 37	27 4	5 13	3 45	1 8	0 41	0 57	0 40	2 28	22 34	0 38	8 21	2 34	14 24	0 49	23 14	0 32	22 38	16 54	5 49	5 57	26 47			n.a.
T 27	0 14	28 38	5 15	2 47	0 59	1 13	0 55	0 33	2 26	22 33	0 38	8 20	2 34	14 24	0 49	23 14	0 32	22 38	16 54	5 49	5 58	26 46			n.a.
W28	0n 9	28 49	5 3	1 47	0 50	1 44	0 53	0 27	2 24	22 31	0 39	8 19	2 35	14 25	0 49	23 14	0 32	22 37	16 54	5 49	6 0	26 44			n.a.
T 29	0 33	27 39	4 38	0 47	0 40	2 15	0 51	0 21	2 22	22 30	0 39	8 17	2 35	14 26	0 49	23 14	0 32	22 37	16 54	5 49	6 1	26 43			n.a.
F 30	0 56	25 15	4 1	0n14	0 30	2 47	0 49	0 14	2 20	22 29	0 39	8 16	2 35	14 26	0 49	23 14	0 32	22 36	16 54	5 49	6 2	26 41			n.a.
S 31	1n20	21s45	3s14	1n15	0s20	3n18	0s47	0s 8	2n18	22s27	0s39	8s14	2n35	14n27	0n49	23s14	0n32	22s36	16s54	5s48	6s 3	26s40			n.a.

Julian Day Number = 1488818.5, Delta T = 05h16m27s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'08, Lahiri = -12°45'07 Julian Calendar 1 March 637 BCE == Greg. Calendar 23 Feb. 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

APRIL 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 10 26	4♈15'30	19♒38	6♈ 1	11♈15	5°R12	22♉58	27°R12	24°R 3	29♐22	12♓11	15♓30	14♓47	18♉54	n.a.	S 1
M 2	12 14 22	5°13'26	1♓50	8°11	12°28	4♎51	23° 7	27♎ 8	24♌ 1	29°22	12°12	15°31	14°44	19° 1	n.a.	M 2
T 3	12 18 19	6°11'20	14°16	10°21	13°42	4°29	23°15	27° 4	24° 0	29°22	12°14	15°R32	14°40	19° 8	n.a.	T 3
W 4	12 22 15	7° 9'12	26°58	12°30	14°56	4° 8	23°23	27° 0	23°58	29°22	12°15	15°31	14°37	19°14	n.a.	W 4
T 5	12 26 12	8° 7'03	9♈57	14°39	16°10	3°46	23°32	26°56	23°56	29°23	12°16	15°30	14°34	19°21	n.a.	T 5
F 6	12 30 8	9° 4'53	23°12	16°47	17°24	3°25	23°40	26°52	23°55	29°23	12°18	15°27	14°31	19°28	n.a.	F 6
S 7	12 34 5	10° 2'41	6♉42	18°54	18°37	3° 3	23°48	26°48	23°53	29°23	12°19	15°24	14°28	19°34	n.a.	S 7
S 8	12 38 2	11° 0'27	20°26	20°59	19°51	2°42	23°56	26°44	23°52	29°R23	12°20	15°20	14°25	19°41	n.a.	S 8
M 9	12 41 58	11°58'11	4♊21	23° 2	21° 5	2°20	24° 3	26°39	23°50	29°23	12°22	15°17	14°21	19°48	n.a.	M 9
T 10	12 45 55	12°55'54	18°24	25° 4	22°19	1°59	24°11	26°35	23°49	29°23	12°23	15°14	14°18	19°54	n.a.	T 10
W11	12 49 51	13°53'35	2♋33	27° 3	23°32	1°39	24°18	26°31	23°47	29°23	12°24	15°12	14°15	20° 1	n.a.	W11
T 12	12 53 48	14°51'15	16°44	29° 0	24°46	1°18	24°25	26°27	23°46	29°22	12°25	15°D12	14°12	20° 8	n.a.	T 12
F 13	12 57 44	15°48'52	0♌57	0♉55	26° 0	0°58	24°32	26°22	23°45	29°22	12°27	15°13	14° 9	20°15	n.a.	F 13
S 14	13 1 41	16°46'28	15° 8	2°46	27°13	0°39	24°39	26°18	23°43	29°22	12°28	15°14	14° 5	20°21	n.a.	S 14
S 15	13 5 38	17°44'02	29°16	4°35	28°27	0°19	24°46	26°14	23°42	29°22	12°29	15°15	14° 2	20°28	n.a.	S 15
M16	13 9 34	18°41'35	13♍19	6°21	29°40	0° 1	24°53	26°10	23°41	29°22	12°30	15°R16	13°59	20°35	n.a.	M16
T 17	13 13 31	19°39'06	27°13	8° 4	0♉54	29♍42	24°59	26° 5	23°40	29°21	12°31	15°15	13°56	20°41	n.a.	T 17
W18	13 17 27	20°36'35	10♎56	9°44	2° 8	29°25	25° 6	26° 1	23°39	29°21	12°33	15°13	13°53	20°48	n.a.	W18
T 19	13 21 24	21°34'04	24°26	11°21	3°21	29° 7	25°12	25°56	23°38	29°21	12°34	15° 9	13°50	20°55	n.a.	T 19
F 20	13 25 20	22°31'31	7♏41	12°55	4°35	28°51	25°18	25°52	23°37	29°20	12°35	15° 4	13°46	21° 1	n.a.	F 20
S 21	13 29 17	23°28'57	20°38	14°25	5°48	28°35	25°24	25°48	23°36	29°20	12°36	14°58	13°43	21° 8	n.a.	S 21
S 22	13 33 13	24°26'22	3♐19	15°52	7° 2	28°20	25°30	25°43	23°35	29°20	12°37	14°51	13°40	21°15	n.a.	S 22
M23	13 37 10	25°23'46	15°43	17°16	8°15	28° 5	25°35	25°39	23°34	29°19	12°38	14°45	13°37	21°21	n.a.	M23
T 24	13 41 6	26°21'09	27°53	18°37	9°29	27°51	25°40	25°34	23°34	29°19	12°39	14°40	13°34	21°28	n.a.	T 24
W25	13 45 3	27°18'31	9♑53	19°54	10°42	27°38	25°46	25°30	23°33	29°18	12°40	14°37	13°30	21°35	n.a.	W25
T 26	13 49 0	28°15'53	21°46	21° 8	11°56	27°25	25°51	25°25	23°32	29°18	12°42	14°35	13°27	21°42	n.a.	T 26
F 27	13 52 56	29°13'14	3♒37	22°18	13° 9	27°14	25°56	25°21	23°32	29°17	12°43	14°D35	13°24	21°48	n.a.	F 27
S 28	13 56 53	0♉10'34	15°32	23°25	14°23	27° 3	26° 0	25°17	23°31	29°16	12°44	14°36	13°21	21°55	n.a.	S 28
S 29	14 0 49	1° 7'53	27°34	24°28	15°36	26°52	26° 5	25°12	23°31	29°16	12°45	14°37	13°18	22° 2	n.a.	S 29
M30	14 4 46	2♉ 5'11	9♓50	25♉27	16♉50	26♍43	26♑ 9	25♎ 8	23♌30	29♐15	12♓46	14°R38	13♓15	22♑ 8	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n43	17s19	2s18	2n17	0s 9	3n49	0s45	0s 2	2n16	22s26	0s39	8s13	2n35	14n27	0n49	23s14	0n32	22s35	16s54	5s48	6s 5	26s38		n.a.
M 2	2 6	12 8	1 15	3 18	0n 1	4 20	0 43	0n 5	2 13	22 25	0 40	8 11	2 35	14 28	0 49	23 14	0 32	22 35	16 55	5 47	6 6	26 37		n.a.
T 3	2 29	6 23	0 7	4 20	0 12	4 51	0 41	0 11	2 11	22 24	0 40	8 10	2 35	14 28	0 49	23 14	0 32	22 35	16 55	5 47	6 7	26 35		n.a.
W 4	2 53	0 16	1n 3	5 21	0 23	5 22	0 39	0 18	2 8	22 22	0 40	8 8	2 35	14 29	0 49	23 14	0 32	22 34	16 55	5 47	6 8	26 34		n.a.
T 5	3 16	5n59	2 10	6 22	0 33	5 53	0 37	0 24	2 6	22 21	0 40	8 7	2 35	14 29	0 49	23 14	0 32	22 34	16 55	5 48	6 10	26 32		n.a.
F 6	3 39	12 6	3 12	7 21	0 44	6 23	0 35	0 30	2 3	22 20	0 41	8 5	2 35	14 30	0 49	23 14	0 32	22 33	16 55	5 49	6 11	26 31		n.a.
S 7	4 2	17 47	4 5	8 20	0 54	6 54	0 33	0 36	2 0	22 19	0 41	8 4	2 35	14 30	0 49	23 14	0 32	22 33	16 55	5 50	6 12	26 29		n.a.
S 8	4 25	22 40	4 44	9 17	1 4	7 24	0 30	0 43	1 58	22 18	0 41	8 2	2 35	14 31	0 49	23 14	0 32	22 33	16 55	5 51	6 13	26 28		n.a.
M 9	4 48	26 20	5 7	10 13	1 14	7 54	0 28	0 49	1 55	22 17	0 41	8 1	2 35	14 31	0 48	23 14	0 32	22 32	16 56	5 53	6 14	26 26		n.a.
T 10	5 11	28 27	5 13	11 7	1 23	8 24	0 26	0 54	1 52	22 15	0 41	7 59	2 35	14 32	0 48	23 14	0 32	22 32	16 56	5 54	6 16	26 25		n.a.
W11	5 33	28 44	4 59	12 0	1 32	8 54	0 24	1 0	1 49	22 14	0 42	7 58	2 35	14 32	0 48	23 14	0 32	22 32	16 56	5 55	6 17	26 23		n.a.
T 12	5 56	27 7	4 27	12 50	1 40	9 23	0 21	1 6	1 46	22 13	0 42	7 56	2 35	14 33	0 48	23 14	0 32	22 31	16 56	5 55	6 18	26 22		n.a.
F 13	6 18	23 47	3 39	13 38	1 48	9 53	0 19	1 11	1 43	22 12	0 42	7 54	2 35	14 33	0 48	23 14	0 32	22 31	16 56	5 54	6 19	26 20		n.a.
S 14	6 41	19 1	2 37	14 24	1 55	10 22	0 17	1 16	1 40	22 11	0 42	7 53	2 35	14 33	0 48	23 14	0 32	22 31	16 56	5 54	6 21	26 19		n.a.
S 15	7 3	13 14	1 26	15 8	2 2	10 51	0 14	1 21	1 37	22 10	0 43	7 51	2 35	14 34	0 48	23 14	0 32	22 30	16 57	5 53	6 22	26 17		n.a.
M16	7 25	6 49	0 11	15 49	2 7	11 20	0 12	1 26	1 34	22 9	0 43	7 50	2 35	14 34	0 48	23 14	0 32	22 30	16 57	5 53	6 23	26 16		n.a.
T 17	7 48	0 8	1s 5	16 29	2 12	11 48	0 10	1 30	1 31	22 8	0 43	7 48	2 35	14 35	0 48	23 14	0 32	22 30	16 57	5 53	6 24	26 14		n.a.
W18	8 9	6s27	2 15	17 5	2 17	12 16	0 7	1 35	1 28	22 7	0 43	7 46	2 35	14 35	0 48	23 14	0 32	22 30	16 57	5 54	6 26	26 12		n.a.
T 19	8 31	12 39	3 17	17 40	2 20	12 44	0 5	1 39	1 25	22 7	0 44	7 45	2 35	14 35	0 48	23 14	0 32	22 29	16 58	5 56	6 27	26 11		n.a.
F 20	8 53	18 9	4 7	18 12	2 23	13 11	0 2	1 42	1 22	22 6	0 44	7 43	2 35	14 35	0 48	23 14	0 32	22 29	16 58	5 58	6 28	26 9		n.a.
S 21	9 15	22 41	4 42	18 42	2 25	13 39	0n 0	1 46	1 18	22 5	0 44	7 42	2 35	14 36	0 48	23 14	0 32	22 29	16 58	6 0	6 29	26 8		n.a.
S 22	9 36	26 4	5 3	19 9	2 26	14 6	0 3	1 49	1 15	22 4	0 44	7 40	2 35	14 36	0 48	23 14	0 32	22 29	16 58	6 3	6 31	26 6		n.a.
M23	9 57	28 7	5 9	19 34	2 27	14 32	0 5	1 52	1 12	22 3	0 45	7 38	2 35	14 36	0 48	23 14	0 32	22 28	16 58	6 5	6 32	26 4		n.a.
T 24	10 19	28 47	5 1	19 57	2 26	14 58	0 8	1 55	1 9	22 2	0 45	7 37	2 35	14 36	0 48	23 14	0 32	22 28	16 59	6 7	6 33	26 3		n.a.
W25	10 39	28 3	4 40	20 17	2 25	15 24	0 10	1 57	1 6	22 2	0 45	7 35	2 35	14 37	0 48	23 14	0 32	22 28	16 59	6 9	6 34	26 1		n.a.
T 26	11 0	26 3	4 7	20 35	2 23	15 50	0 12	2 0	1 3	22 1	0 45	7 34	2 35	14 37	0 48	23 14	0 32	22 28	16 59	6 9	6 36	25 59		n.a.
F 27	11 21	22 54	3 23	20 51	2 20	16 15	0 15	2 1	0 59	22 0	0 46	7 32	2 35	14 37	0 48	23 14	0 32	22 27	16 59	6 9	6 37	25 58		n.a.
S 28	11 41	18 48	2 31	21 5	2 16	16 39	0 17	2 3	0 56	22 0	0 46	7 31	2 35	14 37	0 48	23 14	0 32	22 27	17 0	6 9	6 38	25 56		n.a.
S 29	12 2	13 54	1 31	21 17	2 12	17 3	0 20	2 4	0 53	21 59	0 46	7 29	2 35	14 37	0 48	23 14	0 32	22 27	17 0	6 8	6 39	25 54		n.a.
M30	12n22	8s23	0s26	21n26	2n 7	17n27	0n22	2n 5	0n50	21s58	0s46	7s27	2n35	14n37	0n48	23s14	0n32	22s27	17s 0	6s 8	6s40	25s53		n.a.

Julian Day Number = 1488849.5, Delta T = 05h16m25s
Ecliptic obliquity = 23°46'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°52'03, Lahiri = -12°45'03 Julian Calendar 1 Apr. 637 BCE == Greg. Calendar 25 March 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

MAY 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 8 42	3♉ 2'29	22♓23	26♉23	18♉ 3	26°R34	26♏14	25°R 4	23°R30	29°R14	12♓47	14°R38	13♓11	22♏15	n.a.	T 1
W 2	14 12 39	3°59'46	5♈16	27°15	19°16	26♍26	26°18	24♎59	23♌29	29♐14	12°48	14♓36	13° 8	22°22	n.a.	W 2
T 3	14 16 35	4°57'03	18°31	28° 3	20°30	26°19	26°21	24°55	23°29	29°13	12°49	14°32	13° 5	22°28	n.a.	T 3
F 4	14 20 32	5°54'18	2♉ 7	28°48	21°43	26°13	26°25	24°51	23°29	29°12	12°50	14°26	13° 2	22°35	n.a.	F 4
S 5	14 24 29	6°51'33	16° 3	29°28	22°56	26° 8	26°29	24°46	23°29	29°11	12°50	14°18	12°59	22°42	n.a.	S 5
S 6	14 28 25	7°48'48	0♊15	0♊ 4	24°10	26° 4	26°32	24°42	23°29	29°10	12°51	14°10	12°56	22°48	n.a.	S 6
M 7	14 32 22	8°46'01	14°36	0°36	25°23	26° 0	26°35	24°38	23°28	29°10	12°52	14° 1	12°52	22°55	n.a.	M 7
T 8	14 36 18	9°43'14	29° 2	1° 3	26°36	25°57	26°38	24°34	23°D28	29° 9	12°53	13°54	12°49	23° 2	n.a.	T 8
W 9	14 40 15	10°40'26	13♋26	1°26	27°50	25°55	26°41	24°29	23°28	29° 8	12°54	13°50	12°46	23° 9	n.a.	W 9
T 10	14 44 11	11°37'37	27°46	1°45	29° 3	25°54	26°43	24°25	23°28	29° 7	12°55	13°47	12°43	23°15	n.a.	T 10
F 11	14 48 8	12°34'47	11♌57	1°59	0♊16	25°D54	26°46	24°21	23°29	29° 6	12°56	13°D46	12°40	23°22	n.a.	F 11
S 12	14 52 5	13°31'56	25°58	2° 8	1°30	25°54	26°48	24°17	23°29	29° 5	12°57	13°46	12°36	23°29	n.a.	S 12
S 13	14 56 1	14°29'04	9♍49	2°13	2°43	25°56	26°50	24°13	23°29	29° 4	12°57	13°R47	12°33	23°35	n.a.	S 13
M14	14 59 58	15°26'12	23°29	2°R13	3°56	25°58	26°52	24° 9	23°29	29° 3	12°58	13°47	12°30	23°42	n.a.	M14
T 15	15 3 54	16°23'19	6♎59	2° 9	5° 9	26° 1	26°54	24° 5	23°30	29° 2	12°59	13°44	12°27	23°49	n.a.	T 15
W16	15 7 51	17°20'25	20°19	2° 1	6°22	26° 4	26°55	24° 1	23°30	29° 1	13° 0	13°40	12°24	23°55	n.a.	W16
T 17	15 11 47	18°17'30	3♏27	1°48	7°36	26° 9	26°56	23°58	23°31	29° 0	13° 0	13°33	12°21	24° 2	n.a.	T 17
F 18	15 15 44	19°14'36	16°22	1°31	8°49	26°14	26°57	23°54	23°31	28°58	13° 1	13°23	12°17	24° 9	n.a.	F 18
S 19	15 19 40	20°11'41	29° 5	1°10	10° 2	26°20	26°58	23°50	23°32	28°57	13° 2	13°12	12°14	24°15	n.a.	S 19
S 20	15 23 37	21° 8'46	11♐35	0°46	11°15	26°27	26°59	23°46	23°32	28°56	13° 2	13° 0	12°11	24°22	n.a.	S 20
M21	15 27 34	22° 5'50	23°52	0°19	12°28	26°34	26°59	23°43	23°33	28°55	13° 3	12°49	12° 8	24°29	n.a.	M21
T 22	15 31 30	23° 2'55	5♑58	29♉49	13°41	26°43	27° 0	23°39	23°34	28°54	13° 4	12°39	12° 5	24°36	n.a.	T 22
W23	15 35 27	24° 0'00	17°55	29°16	14°54	26°52	27°R 0	23°36	23°34	28°52	13° 4	12°32	12° 2	24°42	n.a.	W23
T 24	15 39 23	24°57'05	29°47	28°42	16° 7	27° 1	27° 0	23°32	23°35	28°51	13° 5	12°27	11°58	24°49	n.a.	T 24
F 25	15 43 20	25°54'09	11♒37	28° 7	17°20	27°12	27° 0	23°29	23°36	28°50	13° 5	12°24	11°55	24°56	n.a.	F 25
S 26	15 47 16	26°51'14	23°30	27°31	18°33	27°23	26°59	23°25	23°37	28°49	13° 6	12°D23	11°52	25° 2	n.a.	S 26
S 27	15 51 13	27°48'20	5♓31	26°56	19°46	27°34	26°59	23°22	23°38	28°47	13° 6	12°R23	11°49	25° 9	n.a.	S 27
M28	15 55 10	28°45'25	17°47	26°21	20°59	27°47	26°58	23°19	23°39	28°46	13° 7	12°23	11°46	25°16	n.a.	M28
T 29	15 59 6	29°42'31	0♈22	25°47	22°12	28° 0	26°57	23°16	23°40	28°45	13° 7	12°22	11°42	25°22	n.a.	T 29
W30	16 3 3	0♊39'37	13°19	25°15	23°25	28°13	26°55	23°13	23°41	28°43	13° 8	12°19	11°39	25°29	n.a.	W30
T 31	16 6 59	1♊36'43	26♈43	24♉45	24♊38	28♍28	26♏54	23♎10	23♌42	28♐42	13♓ 8	12♓13	11♓36	25♏36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	12n42	2s26	0n42	21n34	2n 0	17n51	0n25	2n 6	0n47	21s58	0s47	7s26	2n35	14n37	0n48	23s14	0n32	22s27	17s 0	6s 8	6s42	25s51			n.a.
W 2	13 2	3n47	1 49	21 39	1 53	18 13	0 27	2 6	0 44	21 57	0 47	7 24	2 35	14 38	0 48	23 14	0 32	22 27	17 1	6 9	6 43	25 49			n.a.
T 3	13 21	10 0	2 52	21 43	1 45	18 36	0 30	2 6	0 41	21 57	0 47	7 23	2 35	14 38	0 48	23 14	0 32	22 27	17 1	6 10	6 44	25 48			n.a.
F 4	13 41	15 55	3 47	21 45	1 37	18 58	0 32	2 6	0 38	21 57	0 48	7 21	2 35	14 38	0 48	23 14	0 32	22 26	17 1	6 13	6 45	25 46			n.a.
S 5	14 0	21 10	4 30	21 44	1 27	19 19	0 34	2 5	0 35	21 56	0 48	7 20	2 35	14 38	0 47	23 14	0 32	22 26	17 2	6 16	6 47	25 44			n.a.
S 6	14 19	25 19	4 57	21 42	1 17	19 40	0 37	2 4	0 32	21 56	0 48	7 18	2 34	14 38	0 47	23 14	0 32	22 26	17 2	6 19	6 48	25 43			n.a.
M 7	14 37	27 56	5 5	21 38	1 6	20 1	0 39	2 3	0 29	21 55	0 48	7 17	2 34	14 38	0 47	23 14	0 32	22 26	17 2	6 22	6 49	25 41			n.a.
T 8	14 56	28 41	4 55	21 32	0 54	20 20	0 41	2 2	0 26	21 55	0 49	7 15	2 34	14 38	0 47	23 14	0 32	22 26	17 2	6 25	6 50	25 39			n.a.
W 9	15 14	27 30	4 26	21 25	0 41	20 40	0 44	2 0	0 23	21 55	0 49	7 14	2 34	14 38	0 47	23 14	0 32	22 26	17 3	6 27	6 52	25 37			n.a.
T 10	15 32	24 30	3 40	21 16	0 28	20 59	0 46	1 58	0 20	21 55	0 49	7 13	2 34	14 38	0 47	23 14	0 32	22 26	17 3	6 28	6 53	25 36			n.a.
F 11	15 50	20 2	2 42	21 5	0 14	21 17	0 48	1 55	0 17	21 54	0 50	7 11	2 34	14 37	0 47	23 14	0 32	22 26	17 3	6 28	6 54	25 34			n.a.
S 12	16 7	14 30	1 34	20 52	0s 0	21 34	0 51	1 52	0 15	21 54	0 50	7 10	2 34	14 37	0 47	23 14	0 32	22 26	17 4	6 28	6 55	25 32			n.a.
S 13	16 25	8 19	0 21	20 39	0 15	21 51	0 53	1 49	0 12	21 54	0 50	7 8	2 34	14 37	0 47	23 14	0 32	22 26	17 4	6 28	6 56	25 30			n.a.
M14	16 42	1 50	0s52	20 23	0 31	22 8	0 55	1 46	0 9	21 54	0 50	7 7	2 34	14 37	0 47	23 14	0 32	22 26	17 4	6 28	6 58	25 29			n.a.
T 15	16 58	4s39	2 0	20 7	0 47	22 24	0 57	1 42	0 6	21 54	0 51	7 6	2 33	14 37	0 47	23 14	0 32	22 26	17 5	6 29	6 59	25 27			n.a.
W16	17 15	10 50	3 2	19 49	1 3	22 39	0 59	1 38	0 4	21 54	0 51	7 5	2 33	14 37	0 47	23 14	0 32	22 26	17 5	6 31	7 0	25 25			n.a.
T 17	17 31	16 28	3 52	19 30	1 20	22 53	1 1	1 34	0 1	21 54	0 51	7 3	2 33	14 37	0 47	23 14	0 32	22 26	17 5	6 33	7 1	25 23			n.a.
F 18	17 47	21 16	4 30	19 11	1 36	23 7	1 3	1 30	0s 1	21 54	0 51	7 2	2 33	14 36	0 47	23 14	0 32	22 26	17 6	6 37	7 3	25 22			n.a.
S 19	18 2	25 0	4 53	18 50	1 53	23 21	1 5	1 25	0 4	21 54	0 52	7 1	2 33	14 36	0 47	23 14	0 32	22 26	17 6	6 41	7 4	25 20			n.a.
S 20	18 18	27 28	5 2	18 30	2 9	23 33	1 7	1 20	0 6	21 54	0 52	6 59	2 33	14 36	0 47	23 14	0 32	22 26	17 6	6 46	7 5	25 18			n.a.
M21	18 33	28 34	4 57	18 8	2 25	23 45	1 9	1 15	0 9	21 54	0 52	6 58	2 32	14 36	0 47	23 14	0 32	22 26	17 7	6 50	7 6	25 16			n.a.
T 22	18 48	28 16	4 38	17 47	2 41	23 56	1 11	1 9	0 11	21 55	0 53	6 57	2 32	14 35	0 47	23 14	0 32	22 26	17 7	6 54	7 8	25 14			n.a.
W23	19 2	26 38	4 7	17 25	2 56	24 7	1 13	1 4	0 14	21 55	0 53	6 56	2 32	14 35	0 47	23 14	0 32	22 26	17 7	6 57	7 9	25 12			n.a.
T 24	19 16	23 50	3 26	17 4	3 10	24 17	1 15	0 58	0 16	21 55	0 53	6 55	2 32	14 35	0 47	23 14	0 32	22 26	17 8	6 59	7 10	25 11			n.a.
F 25	19 30	20 2	2 36	16 44	3 23	24 26	1 16	0 51	0 18	21 56	0 53	6 54	2 32	14 34	0 47	23 14	0 32	22 26	17 8	7 0	7 11	25 9			n.a.
S 26	19 44	15 25	1 39	16 24	3 35	24 34	1 18	0 45	0 20	21 56	0 54	6 53	2 32	14 34	0 47	23 14	0 32	22 26	17 8	7 0	7 12	25 7			n.a.
S 27	19 57	10 11	0 36	16 5	3 46	24 42	1 20	0 38	0 23	21 56	0 54	6 52	2 31	14 34	0 47	23 14	0 32	22 26	17 9	7 0	7 14	25 5			n.a.
M28	20 10	4 27	0n29	15 48	3 55	24 49	1 21	0 31	0 25	21 57	0 54	6 51	2 31	14 33	0 47	23 14	0 32	22 26	17 9	7 0	7 15	25 3			n.a.
T 29	20 22	1n34	1 34	15 32	4 4	24 55	1 23	0 24	0 27	21 57	0 55	6 50	2 31	14 33	0 46	23 14	0 32	22 27	17 9	7 1	7 16	25 1			n.a.
W30	20 34	7 43	2 36	15 17	4 11	25 1	1 24	0 16	0 29	21 58	0 55	6 49	2 31	14 33	0 46	23 14	0 32	22 27	17 10	7 2	7 17	24 59			n.a.
T 31	20n46	13n43	3n32	15n 5	4s16	25n 6	1n26	0n 9	0s31	21s58	0s55	6s48	2n31	14n32	0n46	23s14	0n32	22s27	17s10	7s 4	7s19	24s58			n.a.

Julian Day Number = 1488879.5, Delta T = 05h16m24s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'59, Lahiri = -12°44'59 Julian Calendar 1 May 637 BCE == Greg. Calendar 24 Apr. 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

JUNE 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 10 56	2♊33'50	10♉33	24°R18	25♊51	28♍43	26°R52	23°R 7	23♘44	28°R40	13♓ 9	12°R 5	11♓33	25♑42	n.a.	F 1
S 2	16 14 52	3°30'57	24°47	23♉55	27° 4	28°58	26♑51	23♎ 4	23°45	28♐39	13° 9	11♓55	11°30	25°49	n.a.	S 2
S 3	16 18 49	4°28'04	9♊21	23°36	28°17	29°14	26°49	23° 1	23°46	28°38	13° 9	11°44	11°27	25°56	n.a.	S 3
M 4	16 22 45	5°25'12	24° 8	23°20	29°30	29°31	26°46	22°59	23°47	28°36	13°10	11°33	11°23	26° 2	n.a.	M 4
T 5	16 26 42	6°22'20	8♋58	23°10	0♋43	29°48	26°44	22°56	23°49	28°35	13°10	11°24	11°20	26° 9	n.a.	T 5
W 6	16 30 39	7°19'28	23°44	23° 4	1°56	0♎ 6	26°42	22°53	23°50	28°33	13°10	11°17	11°17	26°16	n.a.	W 6
T 7	16 34 35	8°16'36	8♌19	23°D 3	3° 9	0°25	26°39	22°51	23°52	28°32	13°11	11°12	11°14	26°23	n.a.	T 7
F 8	16 38 32	9°13'44	22°39	23° 7	4°21	0°44	26°36	22°49	23°54	28°30	13°11	11°10	11°11	26°29	n.a.	F 8
S 9	16 42 28	10°10'52	6♍41	23°16	5°34	1° 3	26°33	22°46	23°55	28°29	13°11	11°10	11° 8	26°36	n.a.	S 9
S 10	16 46 25	11° 8'00	20°26	23°31	6°47	1°24	26°30	22°44	23°57	28°27	13°11	11°10	11° 4	26°43	n.a.	S 10
M11	16 50 21	12° 5'08	3♎54	23°51	8° 0	1°44	26°26	22°42	23°59	28°26	13°12	11° 9	11° 1	26°49	n.a.	M11
T 12	16 54 18	13° 2'17	17° 8	24°16	9°13	2° 5	26°22	22°40	24° 0	28°24	13°12	11° 6	10°58	26°56	n.a.	T 12
W13	16 58 14	13°59'26	0♏ 8	24°47	10°25	2°27	26°19	22°38	24° 2	28°23	13°12	11° 0	10°55	27° 3	n.a.	W13
T 14	17 2 11	14°56'35	12°57	25°23	11°38	2°49	26°15	22°36	24° 4	28°21	13°12	10°52	10°52	27° 9	n.a.	T 14
F 15	17 6 8	15°53'45	25°34	26° 5	12°51	3°11	26°10	22°34	24° 6	28°19	13°12	10°41	10°48	27°16	n.a.	F 15
S 16	17 10 4	16°50'55	8♐ 1	26°52	14° 3	3°34	26° 6	22°33	24° 8	28°18	13°12	10°28	10°45	27°23	n.a.	S 16
S 17	17 14 1	17°48'06	20°18	27°45	15°16	3°58	26° 2	22°31	24°10	28°16	13°12	10°15	10°42	27°29	n.a.	S 17
M18	17 17 57	18°45'18	2♑25	28°42	16°28	4°22	25°57	22°30	24°12	28°15	13°12	10° 2	10°39	27°36	n.a.	M18
T 19	17 21 54	19°42'30	14°25	29°45	17°41	4°46	25°52	22°28	24°14	28°13	13°13	9°51	10°36	27°43	n.a.	T 19
W20	17 25 50	20°39'44	26°17	0♊53	18°54	5°11	25°47	22°27	24°16	28°11	13°R13	9°42	10°33	27°49	n.a.	W20
T 21	17 29 47	21°36'58	8♒ 7	2° 6	20° 6	5°36	25°42	22°25	24°18	28°10	13°13	9°36	10°29	27°56	n.a.	T 21
F 22	17 33 44	22°34'14	19°55	3°23	21°19	6° 2	25°37	22°24	24°20	28° 8	13°13	9°32	10°26	28° 3	n.a.	F 22
S 23	17 37 40	23°31'30	1♓47	4°46	22°31	6°28	25°31	22°23	24°23	28° 7	13°12	9°30	10°23	28° 9	n.a.	S 23
S 24	17 41 37	24°28'47	13°47	6°13	23°43	6°54	25°26	22°22	24°25	28° 5	13°12	9°D30	10°20	28°16	n.a.	S 24
M25	17 45 33	25°26'06	26° 1	7°44	24°56	7°21	25°20	22°21	24°27	28° 3	13°12	9°R30	10°17	28°23	n.a.	M25
T 26	17 49 30	26°23'26	8♈34	9°20	26° 8	7°48	25°14	22°21	24°30	28° 2	13°12	9°30	10°14	28°30	n.a.	T 26
W27	17 53 26	27°20'47	21°30	10°59	27°21	8°16	25° 8	22°20	24°32	28° 0	13°12	9°28	10°10	28°36	n.a.	W27
T 28	17 57 23	28°18'10	4♉53	12°43	28°33	8°44	25° 2	22°19	24°35	27°58	13°12	9°23	10° 7	28°43	n.a.	T 28
F 29	18 1 19	29°15'33	18°46	14°30	29°45	9°12	24°56	22°19	24°37	27°57	13°12	9°16	10° 4	28°50	n.a.	F 29
S 30	18 5 16	0♋12'59	3♊ 7	16♊20	0♌58	9♎40	24♑49	22♎18	24♌40	27♐55	13♓11	9♓ 8	10♓ 1	28♑56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n58	19n15	4n17	14n55	4s20	25n10	1n27	0n 1	0s33	21s59	0s56	6s47	2n30	14n32	0n46	23s14	0n32	22s27	17s10	7s 7	7s20	24s56		n.a.
S 2	21 9	23 52	4 47	14 47	4 22	25 13	1 29	0s 7	0 35	22 0	0 56	6 46	2 30	14 31	0 46	23 14	0 32	22 27	17 11	7 11	7 21	24 54		n.a.
S 3	21 20	27 6	5 0	14 41	4 23	25 16	1 30	0 16	0 37	22 0	0 56	6 45	2 30	14 31	0 46	23 14	0 32	22 27	17 11	7 16	7 22	24 52		n.a.
M 4	21 30	28 32	4 53	14 38	4 23	25 17	1 31	0 24	0 39	22 1	0 56	6 44	2 30	14 30	0 46	23 14	0 32	22 28	17 11	7 20	7 23	24 50		n.a.
T 5	21 40	27 54	4 27	14 37	4 21	25 18	1 32	0 33	0 41	22 2	0 57	6 44	2 30	14 30	0 46	23 14	0 32	22 28	17 12	7 23	7 25	24 48		n.a.
W 6	21 50	25 18	3 43	14 38	4 18	25 19	1 33	0 42	0 43	22 2	0 57	6 43	2 29	14 29	0 46	23 14	0 32	22 28	17 12	7 26	7 26	24 46		n.a.
T 7	22 0	21 5	2 44	14 42	4 13	25 18	1 34	0 51	0 45	22 3	0 57	6 42	2 29	14 29	0 46	23 14	0 32	22 28	17 13	7 28	7 27	24 44		n.a.
F 8	22 9	15 40	1 36	14 49	4 8	25 17	1 35	1 0	0 46	22 4	0 58	6 41	2 29	14 28	0 46	23 14	0 32	22 28	17 13	7 29	7 28	24 42		n.a.
S 9	22 17	9 33	0 24	14 58	4 1	25 15	1 36	1 10	0 48	22 5	0 58	6 41	2 29	14 27	0 46	23 14	0 32	22 29	17 13	7 29	7 30	24 40		n.a.
S 10	22 26	3 6	0s49	15 9	3 53	25 12	1 37	1 19	0 50	22 6	0 58	6 40	2 28	14 27	0 46	23 14	0 32	22 29	17 14	7 29	7 31	24 38		n.a.
M11	22 33	3s22	1 57	15 22	3 45	25 9	1 37	1 29	0 52	22 7	0 58	6 40	2 28	14 26	0 46	23 14	0 32	22 29	17 14	7 29	7 32	24 36		n.a.
T 12	22 41	9 33	2 58	15 37	3 35	25 5	1 38	1 39	0 53	22 8	0 59	6 39	2 28	14 26	0 46	23 14	0 32	22 29	17 14	7 30	7 33	24 34		n.a.
W13	22 48	15 13	3 48	15 55	3 25	25 0	1 39	1 50	0 55	22 9	0 59	6 39	2 28	14 25	0 46	23 14	0 32	22 30	17 15	7 32	7 34	24 33		n.a.
T 14	22 55	20 9	4 26	16 14	3 14	24 54	1 39	2 0	0 57	22 10	0 59	6 38	2 27	14 24	0 46	23 14	0 32	22 30	17 15	7 36	7 36	24 31		n.a.
F 15	23 1	24 6	4 50	16 35	3 3	24 48	1 40	2 10	0 58	22 11	0 59	6 38	2 27	14 24	0 46	23 14	0 32	22 30	17 15	7 40	7 37	24 29		n.a.
S 16	23 7	26 53	5 0	16 58	2 51	24 41	1 40	2 21	1 0	22 12	1 0	6 37	2 27	14 23	0 46	23 13	0 32	22 30	17 16	7 45	7 38	24 27		n.a.
S 17	23 12	28 19	4 55	17 22	2 38	24 33	1 40	2 32	1 1	22 13	1 0	6 37	2 27	14 22	0 46	23 13	0 32	22 31	17 16	7 50	7 39	24 25		n.a.
M18	23 17	28 23	4 38	17 48	2 25	24 24	1 41	2 43	1 3	22 14	1 0	6 37	2 27	14 21	0 46	23 13	0 32	22 31	17 17	7 55	7 41	24 23		n.a.
T 19	23 22	27 5	4 8	18 14	2 12	24 15	1 41	2 54	1 4	22 16	1 1	6 36	2 26	14 21	0 46	23 13	0 32	22 31	17 17	7 59	7 42	24 21		n.a.
W20	23 26	24 35	3 27	18 42	1 58	24 5	1 41	3 5	1 6	22 17	1 1	6 36	2 26	14 20	0 46	23 13	0 32	22 32	17 17	8 2	7 43	24 19		n.a.
T 21	23 30	21 2	2 38	19 10	1 45	23 54	1 41	3 17	1 7	22 18	1 1	6 36	2 26	14 19	0 46	23 13	0 32	22 32	17 18	8 5	7 44	24 17		n.a.
F 22	23 34	16 39	1 42	19 38	1 31	23 43	1 41	3 28	1 8	22 19	1 1	6 36	2 26	14 18	0 46	23 13	0 32	22 32	17 18	8 6	7 45	24 15		n.a.
S 23	23 37	11 37	0 41	20 7	1 17	23 31	1 41	3 40	1 10	22 20	1 2	6 35	2 25	14 18	0 46	23 13	0 32	22 33	17 18	8 7	7 47	24 12		n.a.
S 24	23 39	6 7	0n23	20 36	1 3	23 18	1 40	3 52	1 11	22 22	1 2	6 35	2 25	14 17	0 45	23 13	0 32	22 33	17 19	8 7	7 48	24 10		n.a.
M25	23 42	0 17	1 27	21 5	0 50	23 5	1 40	4 4	1 12	22 23	1 2	6 35	2 25	14 16	0 45	23 13	0 32	22 33	17 19	8 7	7 49	24 8		n.a.
T 26	23 43	5n42	2 28	21 33	0 37	22 51	1 40	4 16	1 14	22 24	1 2	6 35	2 24	14 15	0 45	23 13	0 32	22 34	17 19	8 7	7 50	24 6		n.a.
W27	23 45	11 38	3 24	22 1	0 23	22 36	1 39	4 28	1 15	22 26	1 3	6 35	2 24	14 14	0 45	23 13	0 32	22 34	17 20	8 8	7 52	24 4		n.a.
T 28	23 46	17 15	4 10	22 28	0 11	22 21	1 39	4 40	1 16	22 27	1 3	6 35	2 24	14 13	0 45	23 13	0 32	22 35	17 20	8 10	7 53	24 2		n.a.
F 29	23 46	22 11	4 44	22 53	0n 2	22 5	1 38	4 53	1 17	22 29	1 3	6 35	2 24	14 13	0 45	23 13	0 32	22 35	17 20	8 12	7 54	24 0		n.a.
S 30	23n46	25n59	5n 1	23n17	0n14	21n48	1n37	5s 5	1s19	22s30	1s 3	6s35	2n23	14n12	0n45	23s13	0n32	22s35	17s21	8s16	7s55	23s58		n.a.

Julian Day Number = 1488910.5, Delta T = 05h16m22s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'55, Lahiri = -12°44'55 Julian Calendar 1 June 637 BCE == Greg. Calendar 25 May 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

JULY 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 9 13	1♋10'25	17♊52	18♊13	2♌10	10♎ 9	24°R43	22°R18	24♌42	27°R54	13°R11	8°R58	9♓58	29♑ 3	n.a.	S 1
M 2	18 13 9	2° 7'53	2♋54	20° 8	3°22	10°39	24♑36	22♎18	24°45	27♐52	13♓11	8♓48	9°54	29°10	n.a.	M 2
T 3	18 17 6	3° 5'22	18° 3	22° 6	4°34	11° 9	24°29	22°18	24°48	27°50	13°11	8°39	9°51	29°16	n.a.	T 3
W 4	18 21 2	4° 2'52	3♌ 8	24° 5	5°46	11°39	24°23	22°D18	24°50	27°49	13°10	8°33	9°48	29°23	n.a.	W 4
T 5	18 24 59	5° 0'23	18° 2	26° 6	6°59	12° 9	24°16	22°18	24°53	27°47	13°10	8°29	9°45	29°30	n.a.	T 5
F 6	18 28 55	5°57'55	2♍36	28° 8	8°11	12°40	24° 8	22°18	24°56	27°46	13°10	8°D28	9°42	29°36	n.a.	F 6
S 7	18 32 52	6°55'28	16°48	0♋11	9°23	13°11	24° 1	22°18	24°59	27°44	13° 9	8°28	9°39	29°43	n.a.	S 7
S 8	18 36 49	7°53'01	0♎37	2°14	10°35	13°42	23°54	22°19	25° 1	27°42	13° 9	8°28	9°35	29°50	n.a.	S 8
M 9	18 40 45	8°50'36	14° 4	4°17	11°47	14°13	23°47	22°19	25° 4	27°41	13° 9	8°R28	9°32	29°56	n.a.	M 9
T 10	18 44 42	9°48'12	27°11	6°20	12°59	14°45	23°39	22°20	25° 7	27°39	13° 8	8°27	9°29	0♒ 3	n.a.	T 10
W11	18 48 38	10°45'50	10♏ 0	8°23	14°11	15°17	23°32	22°20	25°10	27°38	13° 8	8°23	9°26	0°10	n.a.	W11
T 12	18 52 35	11°43'28	22°36	10°25	15°23	15°50	23°24	22°21	25°13	27°36	13° 7	8°17	9°23	0°16	n.a.	T 12
F 13	18 56 31	12°41'08	4♐59	12°27	16°34	16°23	23°17	22°22	25°16	27°34	13° 7	8° 9	9°20	0°23	n.a.	F 13
S 14	19 0 28	13°38'49	17°12	14°27	17°46	16°56	23° 9	22°23	25°19	27°33	13° 6	8° 0	9°16	0°30	n.a.	S 14
S 15	19 4 24	14°36'31	29°17	16°27	18°58	17°29	23° 1	22°24	25°22	27°31	13° 6	7°50	9°13	0°36	n.a.	S 15
M16	19 8 21	15°34'15	11♑16	18°25	20°10	18° 2	22°54	22°25	25°25	27°30	13° 5	7°40	9°10	0°43	n.a.	M16
T 17	19 12 18	16°32'00	23° 9	20°23	21°21	18°36	22°46	22°26	25°29	27°28	13° 5	7°31	9° 7	0°50	n.a.	T 17
W18	19 16 14	17°29'47	4♒59	22°19	22°33	19°10	22°38	22°28	25°32	27°27	13° 4	7°25	9° 4	0°56	n.a.	W18
T 19	19 20 11	18°27'36	16°48	24°14	23°45	19°45	22°30	22°29	25°35	27°25	13° 4	7°20	9° 0	1° 3	n.a.	T 19
F 20	19 24 7	19°25'26	28°37	26° 8	24°56	20°19	22°22	22°31	25°38	27°24	13° 3	7°18	8°57	1°10	n.a.	F 20
S 21	19 28 4	20°23'18	10♓31	28° 0	26° 8	20°54	22°15	22°32	25°41	27°22	13° 2	7°D18	8°54	1°16	n.a.	S 21
S 22	19 32 0	21°21'12	22°33	29°51	27°19	21°29	22° 7	22°34	25°45	27°21	13° 2	7°19	8°51	1°23	n.a.	S 22
M23	19 35 57	22°19'08	4♈47	1♌41	28°31	22° 4	21°59	22°36	25°48	27°19	13° 1	7°20	8°48	1°30	n.a.	M23
T 24	19 39 53	23°17'05	17°18	3°29	29°42	22°39	21°51	22°37	25°51	27°18	13° 1	7°R21	8°45	1°36	n.a.	T 24
W25	19 43 50	24°15'05	0♉11	5°16	0♍53	23°15	21°43	22°39	25°55	27°17	13° 0	7°21	8°41	1°43	n.a.	W25
T 26	19 47 47	25°13'07	13°30	7° 2	2° 5	23°51	21°35	22°42	25°58	27°15	12°59	7°20	8°38	1°50	n.a.	T 26
F 27	19 51 43	26°11'11	27°16	8°47	3°16	24°27	21°27	22°44	26° 1	27°14	12°58	7°16	8°35	1°57	n.a.	F 27
S 28	19 55 40	27° 9'17	11♊32	10°30	4°27	25° 3	21°20	22°46	26° 5	27°12	12°58	7°12	8°32	2° 3	n.a.	S 28
S 29	19 59 36	28° 7'26	26°13	12°12	5°38	25°40	21°12	22°48	26° 8	27°11	12°57	7° 6	8°29	2°10	n.a.	S 29
M30	20 3 33	29° 5'36	11♋14	13°53	6°49	26°17	21° 4	22°51	26°12	27°10	12°56	7° 0	8°26	2°17	n.a.	M30
T 31	20 7 29	0♌ 3'48	26♋27	15♌32	8♍ 0	26♎54	20♑56	22♎53	26♌15	27♐ 9	12♓55	6♓55	8♓22	2♒23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n46	28n10	4n59	23n39	0n25	21n31	1n36	5s18	1s20	22s31	1s 3	6s35	2n23	14n11	0n45	23s13	0n32	22s36	17s21	8s19	7s56	23s56			n.a.
M 2	23 45	28 21	4 37	24 0	0 36	21 13	1 35	5 31	1 21	22 33	1 4	6 36	2 23	14 10	0 45	23 13	0 32	22 36	17 22	8 23	7 58	23 54			n.a.
T 3	23 44	26 25	3 55	24 18	0 46	20 55	1 35	5 43	1 22	22 34	1 4	6 36	2 23	14 9	0 45	23 13	0 32	22 37	17 22	8 26	7 59	23 52			n.a.
W 4	23 43	22 35	2 56	24 33	0 55	20 36	1 33	5 56	1 23	22 36	1 4	6 36	2 22	14 8	0 45	23 13	0 32	22 37	17 22	8 29	8 0	23 50			n.a.
T 5	23 41	17 20	1 47	24 46	1 4	20 16	1 32	6 9	1 24	22 37	1 4	6 36	2 22	14 7	0 45	23 13	0 32	22 38	17 23	8 30	8 1	23 48			n.a.
F 6	23 38	11 11	0 31	24 57	1 11	19 56	1 31	6 22	1 25	22 39	1 5	6 37	2 22	14 6	0 45	23 13	0 32	22 38	17 23	8 31	8 2	23 46			n.a.
S 7	23 35	4 36	0s44	25 5	1 18	19 36	1 30	6 36	1 26	22 40	1 5	6 37	2 22	14 5	0 45	23 13	0 32	22 38	17 23	8 31	8 4	23 43			n.a.
S 8	23 32	2s 1	1 56	25 10	1 25	19 15	1 28	6 49	1 27	22 42	1 5	6 37	2 21	14 4	0 45	23 13	0 32	22 39	17 24	8 30	8 5	23 41			n.a.
M 9	23 28	8 21	2 58	25 12	1 30	18 53	1 27	7 2	1 28	22 43	1 5	6 38	2 21	14 3	0 45	23 13	0 32	22 39	17 24	8 30	8 6	23 39			n.a.
T 10	23 24	14 11	3 50	25 12	1 35	18 31	1 26	7 16	1 29	22 45	1 5	6 38	2 21	14 2	0 45	23 13	0 32	22 40	17 24	8 31	8 7	23 37			n.a.
W11	23 20	19 16	4 29	25 9	1 39	18 8	1 24	7 29	1 30	22 46	1 6	6 39	2 21	14 1	0 45	23 13	0 32	22 40	17 25	8 32	8 9	23 35			n.a.
T 12	23 15	23 24	4 54	25 3	1 42	17 45	1 22	7 43	1 31	22 48	1 6	6 39	2 20	14 0	0 45	23 13	0 32	22 41	17 25	8 35	8 10	23 33			n.a.
F 13	23 10	26 25	5 5	24 55	1 44	17 22	1 20	7 56	1 32	22 49	1 6	6 40	2 20	13 59	0 45	23 13	0 32	22 41	17 25	8 38	8 11	23 31			n.a.
S 14	23 4	28 9	5 1	24 44	1 46	16 58	1 19	8 10	1 33	22 51	1 6	6 40	2 20	13 58	0 45	23 13	0 32	22 42	17 26	8 41	8 12	23 28			n.a.
S 15	22 58	28 31	4 44	24 31	1 47	16 34	1 17	8 24	1 34	22 52	1 6	6 41	2 19	13 57	0 45	23 13	0 32	22 42	17 26	8 45	8 13	23 26			n.a.
M16	22 51	27 31	4 15	24 16	1 48	16 9	1 15	8 38	1 35	22 53	1 6	6 42	2 19	13 56	0 45	23 13	0 32	22 43	17 26	8 49	8 15	23 24			n.a.
T 17	22 44	25 17	3 35	23 58	1 47	15 43	1 13	8 51	1 35	22 55	1 7	6 42	2 19	13 55	0 45	23 13	0 32	22 43	17 27	8 52	8 16	23 22			n.a.
W18	22 37	21 57	2 45	23 39	1 47	15 18	1 10	9 5	1 36	22 56	1 7	6 43	2 19	13 53	0 45	23 13	0 32	22 44	17 27	8 54	8 17	23 20			n.a.
T 19	22 29	17 44	1 48	23 18	1 45	14 52	1 8	9 19	1 37	22 58	1 7	6 44	2 18	13 52	0 45	23 13	0 32	22 44	17 27	8 56	8 18	23 18			n.a.
F 20	22 21	12 51	0 47	22 55	1 43	14 25	1 6	9 33	1 38	22 59	1 7	6 45	2 18	13 51	0 45	23 13	0 32	22 45	17 27	8 57	8 19	23 15			n.a.
S 21	22 12	7 28	0n17	22 30	1 41	13 59	1 4	9 47	1 38	23 1	1 7	6 46	2 18	13 50	0 45	23 13	0 32	22 45	17 28	8 57	8 21	23 13			n.a.
S 22	22 3	1 45	1 22	22 4	1 38	13 32	1 1	10 1	1 39	23 2	1 7	6 46	2 18	13 49	0 45	23 13	0 32	22 46	17 28	8 57	8 22	23 11			n.a.
M23	21 54	4n 7	2 23	21 36	1 35	13 4	0 59	10 15	1 40	23 4	1 7	6 47	2 17	13 48	0 45	23 13	0 32	22 46	17 28	8 56	8 23	23 9			n.a.
T 24	21 44	9 57	3 20	21 7	1 31	12 36	0 56	10 29	1 41	23 5	1 8	6 48	2 17	13 47	0 45	23 13	0 32	22 47	17 29	8 56	8 24	23 7			n.a.
W25	21 34	15 33	4 8	20 37	1 27	12 8	0 53	10 43	1 41	23 6	1 8	6 49	2 17	13 45	0 45	23 13	0 32	22 47	17 29	8 56	8 25	23 4			n.a.
T 26	21 23	20 37	4 44	20 6	1 23	11 40	0 51	10 57	1 42	23 8	1 8	6 50	2 17	13 44	0 45	23 13	0 32	22 48	17 29	8 56	8 27	23 2			n.a.
F 27	21 12	24 46	5 6	19 34	1 18	11 11	0 48	11 11	1 42	23 9	1 8	6 51	2 16	13 43	0 45	23 13	0 32	22 48	17 29	8 58	8 28	23 0			n.a.
S 28	21 1	27 35	5 9	19 1	1 13	10 42	0 45	11 25	1 43	23 11	1 8	6 52	2 16	13 42	0 45	23 13	0 32	22 49	17 30	8 59	8 29	22 58			n.a.
S 29	20 50	28 36	4 53	18 27	1 7	10 13	0 42	11 40	1 44	23 12	1 8	6 54	2 16	13 41	0 45	23 13	0 32	22 50	17 30	9 2	8 30	22 55			n.a.
M30	20 38	27 34	4 17	17 52	1 1	9 44	0 39	11 54	1 44	23 13	1 8	6 55	2 16	13 39	0 45	23 13	0 32	22 50	17 30	9 4	8 31	22 53			n.a.
T 31	20n25	24n28	3n22	17n17	0n55	9n14	0n36	12s 8	1s45	23s15	1s 8	6s56	2n15	13n38	0n45	23s13	0n32	22s51	17s30	9s 6	8s33	22s51			n.a.

Julian Day Number = 1488940.5, Delta T = 05h16m21s
Ecliptic obliquity = 23°46'27, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'51, Lahiri = -12°44'50 Julian Calendar 1 July 637 BCE == Greg. Calendar 24 June 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

AUGUST 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 11 26	1♌ 2'02	11♌42	17♌11	9♍11	27♎31	20°R49	22♎56	26♌19	27°R 7	12°R55	6°R52	8♓19	2♒30	n.a.	W 1
T 2	20 15 22	2° 0'18	26°47	18°48	10°22	28° 8	20♏41	22°59	26°22	27♐ 6	12♓54	6♓50	8°16	2°37	n.a.	T 2
F 3	20 19 19	2°58'35	11♍36	20°24	11°33	28°46	20°33	23° 1	26°26	27° 5	12°53	6°D50	8°13	2°43	n.a.	F 3
S 4	20 23 16	3°56'54	26° 1	21°59	12°44	29°23	20°26	23° 4	26°29	27° 3	12°52	6°50	8°10	2°50	n.a.	S 4
S 5	20 27 12	4°55'15	10♎ 0	23°32	13°55	0♏ 1	20°18	23° 7	26°33	27° 2	12°51	6°52	8° 6	2°57	n.a.	S 5
M 6	20 31 9	5°53'37	23°34	25° 5	15° 5	0°39	20°11	23°10	26°37	27° 1	12°50	6°53	8° 3	3° 3	n.a.	M 6
T 7	20 35 5	6°52'02	6♏43	26°36	16°16	1°18	20° 4	23°13	26°40	27° 0	12°49	6°R54	8° 0	3°10	n.a.	T 7
W 8	20 39 2	7°50'28	19°30	28° 6	17°27	1°56	19°57	23°17	26°44	26°59	12°48	6°53	7°57	3°17	n.a.	W 8
T 9	20 42 58	8°48'55	2♐ 0	29°35	18°37	2°35	19°50	23°20	26°48	26°58	12°48	6°51	7°54	3°23	n.a.	T 9
F 10	20 46 55	9°47'25	14°16	1♍ 2	19°48	3°14	19°43	23°23	26°51	26°57	12°47	6°48	7°51	3°30	n.a.	F 10
S 11	20 50 51	10°45'56	26°20	2°29	20°58	3°53	19°36	23°27	26°55	26°56	12°46	6°44	7°47	3°37	n.a.	S 11
S 12	20 54 48	11°44'29	8♑18	3°54	22° 8	4°32	19°29	23°30	26°59	26°54	12°45	6°40	7°44	3°43	n.a.	S 12
M13	20 58 45	12°43'04	20°10	5°18	23°18	5°11	19°22	23°34	27° 2	26°53	12°44	6°36	7°41	3°50	n.a.	M13
T 14	21 2 41	13°41'41	2♒ 0	6°41	24°29	5°50	19°16	23°38	27° 6	26°52	12°43	6°32	7°38	3°57	n.a.	T 14
W15	21 6 38	14°40'20	13°49	8° 2	25°39	6°30	19° 9	23°41	27°10	26°52	12°42	6°30	7°35	4° 3	n.a.	W15
T 16	21 10 34	15°39'01	25°41	9°22	26°49	7°10	19° 3	23°45	27°13	26°51	12°41	6°28	7°32	4°10	n.a.	T 16
F 17	21 14 31	16°37'44	7♓35	10°41	27°59	7°50	18°57	23°49	27°17	26°50	12°40	6°D28	7°28	4°17	n.a.	F 17
S 18	21 18 27	17°36'30	19°36	11°58	29° 8	8°30	18°51	23°53	27°21	26°49	12°39	6°28	7°25	4°23	n.a.	S 18
S 19	21 22 24	18°35'17	1♈46	13°14	0♎18	9°10	18°45	23°57	27°25	26°48	12°38	6°29	7°22	4°30	n.a.	S 19
M20	21 26 20	19°34'07	14° 7	14°28	1°28	9°50	18°39	24° 1	27°28	26°47	12°37	6°31	7°19	4°37	n.a.	M20
T 21	21 30 17	20°32'59	26°42	15°41	2°37	10°31	18°34	24° 6	27°32	26°46	12°36	6°32	7°16	4°43	n.a.	T 21
W22	21 34 13	21°31'54	9♉36	16°52	3°47	11°11	18°28	24°10	27°36	26°46	12°34	6°33	7°12	4°50	n.a.	W22
T 23	21 38 10	22°30'51	22°51	18° 1	4°56	11°52	18°23	24°14	27°40	26°45	12°33	6°R33	7° 9	4°57	n.a.	T 23
F 24	21 42 7	23°29'50	6♊29	19° 8	6° 6	12°33	18°18	24°19	27°44	26°44	12°32	6°33	7° 6	5° 3	n.a.	F 24
S 25	21 46 3	24°28'52	20°32	20°12	7°15	13°14	18°13	24°23	27°47	26°43	12°31	6°32	7° 3	5°10	n.a.	S 25
S 26	21 50 0	25°27'57	4♋59	21°15	8°24	13°55	18° 8	24°28	27°51	26°43	12°30	6°31	7° 0	5°17	n.a.	S 26
M27	21 53 56	26°27'04	19°45	22°15	9°33	14°36	18° 3	24°33	27°55	26°42	12°29	6°30	6°57	5°23	n.a.	M27
T 28	21 57 53	27°26'13	4♌46	23°13	10°42	15°18	17°59	24°37	27°59	26°41	12°28	6°29	6°53	5°30	n.a.	T 28
W29	22 1 49	28°25'25	19°53	24° 8	11°51	15°59	17°55	24°42	28° 3	26°41	12°27	6°28	6°50	5°37	n.a.	W29
T 30	22 5 46	29°24'38	4♍57	24°59	13° 0	16°41	17°51	24°47	28° 6	26°40	12°26	6°D28	6°47	5°43	n.a.	T 30
F 31	22 9 42	0♍23'54	19♍49	25♍48	14♎ 8	17♏22	17♑47	24♎52	28♌10	26♐40	12♓24	6♓28	6♓44	5♒50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20n12	19n38	2n13	16n41	0n49	8n44	0n33	12s22	1s45	23s16	1s 8	6s57	2n15	13n37	0n45	23s13	0n32	22s51	17s31	9s 7	8s34	22s49			n.a.
T 2	19 59	13 37	0 55	16 4	0 43	8 14	0 30	12 36	1 46	23 17	1 8	6 58	2 15	13 36	0 44	23 13	0 32	22 52	17 31	9 8	8 35	22 46			n.a.
F 3	19 46	6 55	0s26	15 27	0 36	7 44	0 26	12 50	1 46	23 18	1 9	7 0	2 14	13 35	0 44	23 13	0 32	22 52	17 31	9 8	8 36	22 44			n.a.
S 4	19 32	0 2	1 43	14 50	0 29	7 14	0 23	13 4	1 47	23 20	1 9	7 1	2 14	13 33	0 44	23 13	0 31	22 53	17 31	9 7	8 38	22 42			n.a.
S 5	19 18	6s38	2 52	14 12	0 22	6 43	0 20	13 18	1 47	23 21	1 9	7 2	2 14	13 32	0 44	23 13	0 31	22 53	17 32	9 7	8 39	22 40			n.a.
M 6	19 4	12 48	3 48	13 34	0 15	6 12	0 16	13 32	1 48	23 22	1 9	7 4	2 14	13 31	0 44	23 13	0 31	22 54	17 32	9 6	8 40	22 37			n.a.
T 7	18 49	18 12	4 31	12 56	0 7	5 41	0 13	13 46	1 48	23 23	1 9	7 5	2 14	13 30	0 44	23 13	0 31	22 54	17 32	9 6	8 41	22 35			n.a.
W 8	18 34	22 38	4 59	12 18	0s 0	5 10	0 9	14 0	1 49	23 24	1 9	7 6	2 13	13 28	0 44	23 13	0 31	22 55	17 32	9 6	8 42	22 33			n.a.
T 9	18 18	25 57	5 12	11 39	0 8	4 39	0 5	14 14	1 49	23 25	1 9	7 8	2 13	13 27	0 44	23 13	0 31	22 56	17 33	9 7	8 44	22 30			n.a.
F 10	18 3	27 58	5 11	11 1	0 16	4 8	0 2	14 28	1 49	23 26	1 9	7 9	2 13	13 26	0 44	23 13	0 31	22 56	17 33	9 8	8 45	22 28			n.a.
S 11	17 47	28 39	4 55	10 22	0 24	3 36	0s 2	14 42	1 50	23 27	1 9	7 11	2 13	13 24	0 44	23 13	0 31	22 57	17 33	9 10	8 46	22 26			n.a.
S 12	17 30	27 57	4 27	9 43	0 32	3 5	0 6	14 56	1 50	23 28	1 9	7 12	2 12	13 23	0 44	23 13	0 31	22 57	17 33	9 11	8 47	22 23			n.a.
M13	17 14	25 59	3 48	9 5	0 40	2 33	0 9	15 10	1 51	23 29	1 9	7 14	2 12	13 22	0 44	23 13	0 31	22 58	17 33	9 13	8 48	22 21			n.a.
T 14	16 57	22 53	2 59	8 27	0 48	2 1	0 13	15 24	1 51	23 30	1 9	7 16	2 12	13 21	0 44	23 13	0 31	22 58	17 34	9 14	8 50	22 19			n.a.
W15	16 40	18 51	2 2	7 48	0 56	1 30	0 17	15 37	1 51	23 31	1 9	7 17	2 12	13 19	0 44	23 13	0 31	22 59	17 34	9 15	8 51	22 16			n.a.
T 16	16 22	14 4	0 59	7 11	1 4	0 58	0 21	15 51	1 51	23 32	1 9	7 19	2 11	13 18	0 44	23 13	0 31	23 0	17 34	9 16	8 52	22 14			n.a.
F 17	16 4	8 45	0n 6	6 33	1 12	0 26	0 25	16 4	1 52	23 33	1 9	7 21	2 11	13 17	0 44	23 13	0 31	23 0	17 34	9 16	8 53	22 12			n.a.
S 18	15 46	3 4	1 12	5 56	1 20	0s 6	0 29	16 18	1 52	23 34	1 9	7 22	2 11	13 15	0 44	23 13	0 31	23 1	17 34	9 16	8 54	22 9			n.a.
S 19	15 28	2n47	2 15	5 19	1 29	0 37	0 33	16 31	1 52	23 35	1 9	7 24	2 11	13 14	0 44	23 13	0 31	23 1	17 34	9 15	8 56	22 7			n.a.
M20	15 9	8 36	3 14	4 43	1 37	1 9	0 37	16 44	1 52	23 36	1 9	7 26	2 10	13 13	0 44	23 13	0 31	23 2	17 35	9 15	8 57	22 5			n.a.
T 21	14 51	14 13	4 4	4 7	1 45	1 41	0 41	16 58	1 53	23 36	1 9	7 27	2 10	13 11	0 44	23 13	0 31	23 2	17 35	9 14	8 58	22 2			n.a.
W22	14 31	19 21	4 43	3 32	1 53	2 13	0 45	17 11	1 53	23 37	1 9	7 29	2 10	13 10	0 44	23 13	0 31	23 3	17 35	9 14	8 59	22 0			n.a.
T 23	14 12	23 42	5 8	2 57	2 1	2 44	0 49	17 24	1 53	23 38	1 9	7 31	2 10	13 9	0 44	23 13	0 31	23 3	17 35	9 14	9 0	21 58			n.a.
F 24	13 53	26 54	5 17	2 24	2 9	3 16	0 53	17 37	1 53	23 39	1 9	7 33	2 10	13 7	0 44	23 13	0 31	23 4	17 35	9 14	9 1	21 55			n.a.
S 25	13 33	28 32	5 7	1 51	2 16	3 48	0 57	17 50	1 53	23 39	1 9	7 35	2 9	13 6	0 44	23 13	0 31	23 5	17 35	9 14	9 3	21 53			n.a.
S 26	13 13	28 19	4 39	1 19	2 24	4 19	1 2	18 2	1 54	23 40	1 9	7 37	2 9	13 5	0 44	23 13	0 31	23 5	17 35	9 15	9 4	21 50			n.a.
M27	12 52	26 6	3 51	0 48	2 31	4 50	1 6	18 15	1 54	23 40	1 9	7 39	2 9	13 3	0 44	23 13	0 31	23 6	17 35	9 15	9 5	21 48			n.a.
T 28	12 32	22 2	2 47	0 19	2 38	5 22	1 10	18 28	1 54	23 41	1 9	7 41	2 9	13 2	0 44	23 13	0 31	23 6	17 36	9 16	9 6	21 46			n.a.
W29	12 11	16 29	1 31	0s 9	2 45	5 53	1 14	18 40	1 54	23 41	1 9	7 43	2 9	13 1	0 44	23 13	0 31	23 7	17 36	9 16	9 7	21 43			n.a.
T 30	11 50	9 58	0 8	0 36	2 52	6 24	1 18	18 52	1 54	23 42	1 9	7 45	2 8	12 59	0 44	23 13	0 31	23 7	17 36	9 16	9 9	21 41			n.a.
F 31	11n29	2n58	1s14	1s 1	2s58	6s55	1s23	19s 5	1s54	23s42	1s 9	7s47	2n 8	12n58	0n44	23s13	0n31	23s 8	17s36	9s16	9s10	21s38			n.a.

Julian Day Number = 1488971.5, Delta T = 05h16m19s
Ecliptic obliquity = 23°46'27, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'47, Lahiri = -12°44'46 Julian Calendar 1 Aug. 637 BCE == Greg. Calendar 25 July 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

SEPTEMBER 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 13 39	1♍23'12	4♎22	26♍32	15♎17	18♏ 4	17°R43	24♎57	28♌14	26°R39	12°R23	6♓28	6♓41	5♒57	n.a.	S 1
S 2	22 17 36	2°22'31	18°31	27°13	16°25	18°46	17♑39	25° 2	28°18	26♐39	12♓22	6°29	6°37	6° 3	n.a.	S 2
M 3	22 21 32	3°21'53	2♏13	27°49	17°34	19°28	17°36	25° 7	28°22	26°39	12°21	6°29	6°34	6°10	n.a.	M 3
T 4	22 25 29	4°21'17	15°29	28°20	18°42	20°11	17°33	25°13	28°25	26°38	12°20	6°29	6°31	6°17	n.a.	T 4
W 5	22 29 25	5°20'42	28°21	28°47	19°50	20°53	17°30	25°18	28°29	26°38	12°19	6°29	6°28	6°23	n.a.	W 5
T 6	22 33 22	6°20'10	10♐51	29° 7	20°58	21°35	17°27	25°23	28°33	26°37	12°18	6°29	6°25	6°30	n.a.	T 6
F 7	22 37 18	7°19'39	23° 5	29°22	22° 6	22°18	17°24	25°29	28°37	26°37	12°16	6°29	6°22	6°37	n.a.	F 7
S 8	22 41 15	8°19'11	5♑ 7	29°30	23°13	23° 1	17°22	25°34	28°40	26°37	12°15	6°29	6°18	6°43	n.a.	S 8
S 9	22 45 11	9°18'44	17° 0	29°R30	24°21	23°43	17°19	25°39	28°44	26°37	12°14	6°30	6°15	6°50	n.a.	S 9
M10	22 49 8	10°18'19	28°50	29°23	25°28	24°26	17°17	25°45	28°48	26°37	12°13	6°30	6°12	6°57	n.a.	M10
T 11	22 53 4	11°17'56	10♒39	29° 8	26°36	25° 9	17°16	25°51	28°52	26°36	12°12	6°31	6° 9	7° 3	n.a.	T 11
W12	22 57 1	12°17'35	22°31	28°45	27°43	25°52	17°14	25°56	28°55	26°36	12°11	6°31	6° 6	7°10	n.a.	W12
T 13	23 0 58	13°17'16	4♓28	28°13	28°50	26°35	17°12	26° 2	28°59	26°36	12° 9	6°R31	6° 3	7°17	n.a.	T 13
F 14	23 4 54	14°16'59	16°32	27°32	29°56	27°18	17°11	26° 8	29° 3	26°36	12° 8	6°31	5°59	7°23	n.a.	F 14
S 15	23 8 51	15°16'44	28°46	26°43	1♏ 3	28° 2	17°10	26°14	29° 7	26°D36	12° 7	6°30	5°56	7°30	n.a.	S 15
S 16	23 12 47	16°16'31	11♈10	25°47	2°10	28°45	17° 9	26°20	29°10	26°36	12° 6	6°29	5°53	7°37	n.a.	S 16
M17	23 16 44	17°16'21	23°46	24°43	3°16	29°28	17° 9	26°25	29°14	26°36	12° 5	6°28	5°50	7°43	n.a.	M17
T 18	23 20 40	18°16'13	6♉36	23°34	4°22	0♐12	17° 8	26°31	29°18	26°36	12° 4	6°26	5°47	7°50	n.a.	T 18
W19	23 24 37	19°16'07	19°39	22°20	5°28	0°55	17° 8	26°37	29°21	26°36	12° 3	6°25	5°43	7°57	n.a.	W19
T 20	23 28 33	20°16'03	2♊59	21° 4	6°33	1°39	17°D 8	26°43	29°25	26°37	12° 1	6°24	5°40	8° 3	n.a.	T 20
F 21	23 32 30	21°16'02	16°35	19°49	7°39	2°23	17° 8	26°50	29°28	26°37	12° 0	6°D23	5°37	8°10	n.a.	F 21
S 22	23 36 27	22°16'03	0♋28	18°36	8°44	3° 7	17° 8	26°56	29°32	26°37	11°59	6°23	5°34	8°17	n.a.	S 22
S 23	23 40 23	23°16'07	14°38	17°27	9°49	3°50	17° 9	27° 2	29°36	26°37	11°58	6°24	5°31	8°23	n.a.	S 23
M24	23 44 20	24°16'13	29° 3	16°25	10°54	4°34	17°10	27° 8	29°39	26°37	11°57	6°25	5°28	8°30	n.a.	M24
T 25	23 48 16	25°16'21	13♌41	15°32	11°59	5°18	17°11	27°14	29°43	26°38	11°56	6°26	5°24	8°37	n.a.	T 25
W26	23 52 13	26°16'31	28°26	14°48	13° 3	6° 3	17°12	27°21	29°46	26°38	11°55	6°27	5°21	8°43	n.a.	W26
T 27	23 56 9	27°16'43	13♍11	14°16	14° 8	6°47	17°13	27°27	29°50	26°39	11°53	6°R27	5°18	8°50	n.a.	T 27
F 28	0 0 6	28°16'57	27°51	13°55	15°12	7°31	17°15	27°34	29°53	26°39	11°52	6°26	5°15	8°57	n.a.	F 28
S 29	0 4 2	29°17'14	12♎19	13°D45	16°15	8°15	17°17	27°40	29°57	26°39	11°51	6°24	5°12	9° 3	n.a.	S 29
S 30	0 7 59	0♎17'32	26♎27	13♍47	17♏19	9♐ 0	17♑19	27♎46	0♍ 0	26♐40	11♓50	6♓21	5♓ 9	9♒10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 8	4s 2	2s29	1s24	3s 4	7s26	1s27	19s17	1s54	23s43	1s 9	7s49	2n 8	12n57	0n44	23s13	0n31	23s 8	17s36	9s16	9s11	21s36		n.a.
S 2	10 46	10 38	3 33	1 46	3 9	7 57	1 31	19 29	1 54	23 43	1 8	7 51	2 8	12 55	0 44	23 13	0 31	23 9	17 36	9 16	9 12	21 33		n.a.
M 3	10 25	16 30	4 23	2 5	3 14	8 27	1 35	19 40	1 54	23 44	1 8	7 53	2 8	12 54	0 44	23 13	0 31	23 9	17 36	9 15	9 13	21 31		n.a.
T 4	10 3	21 25	4 57	2 21	3 18	8 57	1 39	19 52	1 54	23 44	1 8	7 55	2 7	12 53	0 44	23 13	0 31	23 10	17 36	9 15	9 15	21 29		n.a.
W 5	9 41	25 10	5 14	2 35	3 22	9 27	1 44	20 4	1 54	23 44	1 8	7 57	2 7	12 51	0 44	23 13	0 31	23 10	17 36	9 15	9 16	21 26		n.a.
T 6	9 19	27 36	5 17	2 46	3 24	9 57	1 48	20 15	1 54	23 45	1 8	7 59	2 7	12 50	0 44	23 13	0 31	23 11	17 36	9 15	9 17	21 24		n.a.
F 7	8 56	28 39	5 4	2 53	3 26	10 27	1 52	20 26	1 54	23 45	1 8	8 1	2 7	12 49	0 44	23 13	0 31	23 11	17 36	9 15	9 18	21 21		n.a.
S 8	8 34	28 19	4 39	2 57	3 27	10 56	1 56	20 37	1 54	23 45	1 8	8 3	2 7	12 47	0 44	23 13	0 31	23 12	17 36	9 15	9 19	21 19		n.a.
S 9	8 11	26 40	4 2	2 57	3 27	11 26	2 0	20 48	1 54	23 45	1 8	8 6	2 6	12 46	0 44	23 13	0 31	23 12	17 36	9 15	9 21	21 16		n.a.
M10	7 48	23 51	3 14	2 53	3 25	11 55	2 4	20 59	1 54	23 46	1 8	8 8	2 6	12 45	0 44	23 13	0 30	23 13	17 36	9 15	9 22	21 14		n.a.
T 11	7 26	20 2	2 19	2 44	3 23	12 23	2 9	21 10	1 54	23 46	1 8	8 10	2 6	12 43	0 44	23 13	0 30	23 13	17 36	9 15	9 23	21 11		n.a.
W12	7 3	15 25	1 17	2 31	3 18	12 52	2 13	21 20	1 54	23 46	1 8	8 12	2 6	12 42	0 44	23 13	0 30	23 14	17 36	9 15	9 24	21 9		n.a.
T 13	6 39	10 11	0 11	2 13	3 12	13 20	2 17	21 31	1 54	23 46	1 8	8 14	2 6	12 41	0 44	23 13	0 30	23 14	17 36	9 15	9 25	21 6		n.a.
F 14	6 16	4 32	0n55	1 49	3 4	13 48	2 21	21 41	1 54	23 46	1 8	8 17	2 6	12 40	0 44	23 13	0 30	23 15	17 36	9 15	9 26	21 4		n.a.
S 15	5 53	1n20	2 0	1 20	2 54	14 15	2 25	21 51	1 54	23 46	1 7	8 19	2 5	12 38	0 44	23 13	0 30	23 15	17 36	9 15	9 28	21 1		n.a.
S 16	5 29	7 14	3 1	0 47	2 43	14 43	2 29	22 0	1 54	23 46	1 7	8 21	2 5	12 37	0 44	23 14	0 30	23 15	17 36	9 15	9 29	20 59		n.a.
M17	5 6	12 57	3 53	0 9	2 29	15 9	2 32	22 10	1 53	23 46	1 7	8 24	2 5	12 36	0 44	23 14	0 30	23 16	17 36	9 16	9 30	20 56		n.a.
T 18	4 42	18 13	4 35	0n33	2 13	15 36	2 36	22 19	1 53	23 46	1 7	8 26	2 5	12 34	0 44	23 14	0 30	23 16	17 36	9 16	9 31	20 54		n.a.
W19	4 18	22 45	5 3	1 18	1 56	16 2	2 40	22 28	1 53	23 46	1 7	8 28	2 5	12 33	0 44	23 14	0 30	23 17	17 36	9 17	9 32	20 51		n.a.
T 20	3 54	26 12	5 16	2 6	1 38	16 28	2 44	22 37	1 53	23 46	1 7	8 31	2 5	12 32	0 44	23 14	0 30	23 17	17 36	9 17	9 34	20 49		n.a.
F 21	3 31	28 15	5 11	2 54	1 18	16 53	2 48	22 46	1 53	23 46	1 7	8 33	2 5	12 31	0 45	23 14	0 30	23 17	17 36	9 18	9 35	20 46		n.a.
S 22	3 7	28 35	4 49	3 41	0 58	17 18	2 51	22 55	1 53	23 46	1 7	8 35	2 4	12 29	0 45	23 14	0 30	23 18	17 36	9 18	9 36	20 44		n.a.
S 23	2 43	27 5	4 9	4 28	0 37	17 43	2 55	23 3	1 52	23 46	1 7	8 38	2 4	12 28	0 45	23 14	0 30	23 18	17 36	9 17	9 37	20 41		n.a.
M24	2 18	23 46	3 12	5 11	0 16	18 7	2 58	23 11	1 52	23 45	1 7	8 40	2 4	12 27	0 45	23 14	0 30	23 19	17 36	9 17	9 38	20 39		n.a.
T 25	1 54	18 54	2 3	5 50	0n 3	18 31	3 2	23 19	1 52	23 45	1 6	8 43	2 4	12 26	0 45	23 14	0 30	23 19	17 36	9 16	9 40	20 36		n.a.
W26	1 30	12 53	0 44	6 25	0 22	18 55	3 5	23 27	1 52	23 45	1 6	8 45	2 4	12 24	0 45	23 14	0 30	23 19	17 35	9 16	9 41	20 34		n.a.
T 27	1 6	6 8	0s37	6 54	0 40	19 17	3 8	23 35	1 51	23 45	1 6	8 47	2 4	12 23	0 45	23 14	0 30	23 20	17 35	9 16	9 42	20 31		n.a.
F 28	0 42	0s54	1 55	7 17	0 56	19 40	3 11	23 42	1 51	23 44	1 6	8 50	2 4	12 22	0 45	23 14	0 30	23 20	17 35	9 16	9 43	20 28		n.a.
S 29	0 17	7 46	3 5	7 34	1 11	20 2	3 15	23 49	1 51	23 44	1 6	8 52	2 3	12 21	0 45	23 14	0 30	23 20	17 35	9 17	9 44	20 26		n.a.
S 30	0s 7	14s 5	4s 1	7n45	1n24	20s23	3s18	23s56	1s51	23s44	1s 6	8s55	2n 3	12n19	0n45	23s14	0n30	23s21	17s35	9s19	9s45	20s23		n.a.

Julian Day Number = 1489002.5, Delta T = 05h16m18s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'43, Lahiri = -12°44'42 Julian Calendar 1 Sept. 637 BCE == Greg. Calendar 25 Aug. 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

OCTOBER 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 11 55	1♎17'51	10♏13	14♍ 0	18♏22	9♐44	17♑21	27♎53	0♍ 3	26♐40	11°R49	6°R17	5♓ 5	9♒17	n.a.	M 1
T 2	0 15 52	2°18'13	23°34	14°23	19°25	10°29	17°23	28° 0	0° 7	26°41	11♓48	6♓13	5° 2	9°23	n.a.	T 2
W 3	0 19 49	3°18'36	6♐31	14°56	20°28	11°13	17°26	28° 6	0°10	26°42	11°47	6°10	4°59	9°30	n.a.	W 3
T 4	0 23 45	4°19'01	19° 5	15°37	21°30	11°58	17°28	28°13	0°13	26°42	11°46	6° 7	4°56	9°37	n.a.	T 4
F 5	0 27 42	5°19'27	1♑21	16°26	22°32	12°42	17°31	28°19	0°17	26°43	11°45	6°D 6	4°53	9°43	n.a.	F 5
S 6	0 31 38	6°19'55	13°23	17°21	23°34	13°27	17°35	28°26	0°20	26°44	11°44	6° 6	4°49	9°50	n.a.	S 6
S 7	0 35 35	7°20'24	25°16	18°23	24°35	14°12	17°38	28°33	0°23	26°44	11°43	6° 8	4°46	9°56	n.a.	S 7
M 8	0 39 31	8°20'54	7♒ 4	19°30	25°36	14°57	17°42	28°39	0°26	26°45	11°42	6° 9	4°43	10° 3	n.a.	M 8
T 9	0 43 28	9°21'26	18°54	20°42	26°36	15°42	17°45	28°46	0°30	26°46	11°41	6°11	4°40	10°10	n.a.	T 9
W10	0 47 24	10°22'00	0♓48	21°57	27°37	16°26	17°49	28°53	0°33	26°47	11°40	6°R12	4°37	10°16	n.a.	W10
T 11	0 51 21	11°22'35	12°52	23°16	28°36	17°11	17°53	29° 0	0°36	26°48	11°39	6°12	4°34	10°23	n.a.	T 11
F 12	0 55 18	12°23'11	25° 7	24°38	29°36	17°56	17°58	29° 7	0°39	26°48	11°38	6°10	4°30	10°30	n.a.	F 12
S 13	0 59 14	13°23'49	7♈35	26° 2	0♐35	18°41	18° 2	29°13	0°42	26°49	11°37	6° 7	4°27	10°36	n.a.	S 13
S 14	1 3 11	14°24'29	20°19	27°27	1°33	19°26	18° 7	29°20	0°45	26°50	11°36	6° 2	4°24	10°43	n.a.	S 14
M15	1 7 7	15°25'10	3♉17	28°55	2°31	20°11	18°12	29°27	0°48	26°51	11°35	5°55	4°21	10°50	n.a.	M15
T 16	1 11 4	16°25'53	16°29	0♎24	3°29	20°57	18°17	29°34	0°51	26°52	11°34	5°48	4°18	10°56	n.a.	T 16
W17	1 15 0	17°26'37	29°54	1°54	4°26	21°42	18°22	29°41	0°54	26°53	11°33	5°41	4°14	11° 3	n.a.	W17
T 18	1 18 57	18°27'23	13♊30	3°25	5°22	22°27	18°27	29°48	0°57	26°54	11°32	5°35	4°11	11°10	n.a.	T 18
F 19	1 22 53	19°28'11	27°16	4°56	6°18	23°12	18°33	29°55	1° 0	26°56	11°31	5°31	4° 8	11°16	n.a.	F 19
S 20	1 26 50	20°29'01	11♋11	6°29	7°14	23°57	18°38	0♏ 2	1° 2	26°57	11°30	5°28	4° 5	11°23	n.a.	S 20
S 21	1 30 47	21°29'52	25°13	8° 1	8° 9	24°43	18°44	0° 9	1° 5	26°58	11°29	5°D28	4° 2	11°30	n.a.	S 21
M22	1 34 43	22°30'45	9♌22	9°35	9° 3	25°28	18°50	0°16	1° 8	26°59	11°29	5°29	3°59	11°36	n.a.	M22
T 23	1 38 40	23°31'40	23°36	11° 8	9°57	26°13	18°57	0°23	1°11	27° 0	11°28	5°30	3°55	11°43	n.a.	T 23
W24	1 42 36	24°32'36	7♍54	12°42	10°50	26°59	19° 3	0°30	1°13	27° 2	11°27	5°R30	3°52	11°50	n.a.	W24
T 25	1 46 33	25°33'33	22°13	14°15	11°42	27°44	19°10	0°37	1°16	27° 3	11°26	5°29	3°49	11°56	n.a.	T 25
F 26	1 50 29	26°34'32	6♎28	15°49	12°34	28°30	19°16	0°44	1°18	27° 4	11°25	5°26	3°46	12° 3	n.a.	F 26
S 27	1 54 26	27°35'32	20°35	17°23	13°25	29°15	19°23	0°51	1°21	27° 5	11°25	5°19	3°43	12°10	n.a.	S 27
S 28	1 58 22	28°36'33	4♏29	18°57	14°15	0♑ 1	19°30	0°58	1°23	27° 7	11°24	5°11	3°40	12°16	n.a.	S 28
M29	2 2 19	29°37'36	18° 6	20°31	15° 5	0°46	19°38	1° 5	1°26	27° 8	11°23	5° 1	3°36	12°23	n.a.	M29
T 30	2 6 16	0♏38'39	1♐23	22° 5	15°53	1°32	19°45	1°12	1°28	27°10	11°22	4°51	3°33	12°30	n.a.	T 30
W31	2 10 12	1♏39'43	14♐19	23♎39	16♐41	2♑17	19♑53	1♏19	1♍31	27♐11	11♓22	4♓42	3♓30	12♒36	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s31	19s32	4s42	7n51	1n35	20s45	3s21	24s 2	1s50	23s43	1s 6	8s57	2n 3	12n18	0n45	23s14	0n30	23s21	17s35	9s20	9s47	20s21		n.a.
T 2	0 56	23 52	5 6	7 51	1 45	21 5	3 23	24 9	1 50	23 43	1 6	9 0	2 3	12 17	0 45	23 14	0 30	23 21	17 35	9 21	9 48	20 18		n.a.
W 3	1 20	26 51	5 14	7 45	1 53	21 25	3 26	24 15	1 50	23 42	1 6	9 2	2 3	12 16	0 45	23 14	0 30	23 22	17 35	9 23	9 49	20 16		n.a.
T 4	1 44	28 24	5 6	7 35	2 0	21 45	3 29	24 21	1 49	23 42	1 5	9 5	2 3	12 15	0 45	23 14	0 30	23 22	17 35	9 24	9 50	20 13		n.a.
F 5	2 9	28 30	4 44	7 21	2 5	22 4	3 31	24 26	1 49	23 41	1 5	9 7	2 3	12 14	0 45	23 14	0 30	23 22	17 34	9 24	9 51	20 10		n.a.
S 6	2 33	27 14	4 10	7 2	2 9	22 22	3 34	24 32	1 49	23 41	1 5	9 10	2 3	12 12	0 45	23 14	0 30	23 23	17 34	9 24	9 52	20 8		n.a.
S 7	2 57	24 45	3 26	6 40	2 11	22 40	3 36	24 37	1 48	23 40	1 5	9 12	2 3	12 11	0 45	23 14	0 30	23 23	17 34	9 23	9 54	20 5		n.a.
M 8	3 21	21 13	2 33	6 15	2 13	22 57	3 38	24 42	1 48	23 40	1 5	9 15	2 2	12 10	0 45	23 14	0 30	23 23	17 34	9 23	9 55	20 3		n.a.
T 9	3 45	16 51	1 33	5 47	2 13	23 14	3 40	24 47	1 48	23 39	1 5	9 17	2 2	12 9	0 45	23 14	0 30	23 23	17 34	9 22	9 56	20 0		n.a.
W10	4 10	11 48	0 30	5 16	2 13	23 30	3 42	24 51	1 47	23 38	1 5	9 20	2 2	12 8	0 45	23 14	0 30	23 24	17 34	9 22	9 57	19 57		n.a.
T 11	4 34	6 16	0n36	4 43	2 12	23 46	3 44	24 55	1 47	23 38	1 5	9 22	2 2	12 7	0 45	23 15	0 30	23 24	17 33	9 22	9 58	19 55		n.a.
F 12	4 58	0 25	1 41	4 9	2 10	24 1	3 46	24 59	1 46	23 37	1 5	9 25	2 2	12 6	0 45	23 15	0 30	23 24	17 33	9 22	10 0	19 52		n.a.
S 13	5 22	5n32	2 43	3 33	2 7	24 16	3 47	25 3	1 46	23 36	1 4	9 27	2 2	12 5	0 45	23 15	0 30	23 24	17 33	9 24	10 1	19 49		n.a.
S 14	5 45	11 23	3 37	2 55	2 4	24 30	3 49	25 6	1 46	23 36	1 4	9 30	2 2	12 4	0 45	23 15	0 29	23 24	17 33	9 26	10 2	19 47		n.a.
M15	6 9	16 52	4 21	2 17	2 1	24 43	3 50	25 9	1 45	23 35	1 4	9 32	2 2	12 3	0 45	23 15	0 29	23 25	17 33	9 28	10 3	19 44		n.a.
T 16	6 33	21 39	4 52	1 37	1 56	24 55	3 51	25 12	1 45	23 34	1 4	9 35	2 2	12 2	0 45	23 15	0 29	23 25	17 32	9 31	10 4	19 42		n.a.
W17	6 56	25 25	5 8	0 57	1 52	25 8	3 52	25 15	1 44	23 33	1 4	9 37	2 2	12 1	0 45	23 15	0 29	23 25	17 32	9 33	10 5	19 39		n.a.
T 18	7 20	27 48	5 6	0 15	1 47	25 19	3 53	25 17	1 44	23 32	1 4	9 40	2 2	12 0	0 45	23 15	0 29	23 25	17 32	9 36	10 7	19 36		n.a.
F 19	7 43	28 32	4 47	0s26	1 42	25 30	3 54	25 19	1 43	23 31	1 4	9 42	2 2	11 59	0 45	23 15	0 29	23 25	17 32	9 37	10 8	19 34		n.a.
S 20	8 7	27 28	4 11	1 8	1 36	25 40	3 54	25 21	1 43	23 30	1 4	9 45	2 1	11 58	0 45	23 15	0 29	23 25	17 31	9 38	10 9	19 31		n.a.
S 21	8 30	24 40	3 20	1 50	1 31	25 50	3 54	25 22	1 42	23 30	1 4	9 47	2 1	11 57	0 45	23 15	0 29	23 25	17 31	9 38	10 10	19 28		n.a.
M22	8 53	20 21	2 16	2 33	1 25	25 59	3 55	25 24	1 42	23 29	1 3	9 50	2 1	11 56	0 45	23 15	0 29	23 26	17 31	9 38	10 11	19 26		n.a.
T 23	9 16	14 51	1 4	3 16	1 19	26 7	3 54	25 25	1 41	23 28	1 3	9 52	2 1	11 55	0 45	23 15	0 29	23 26	17 31	9 37	10 12	19 23		n.a.
W24	9 38	8 31	0s13	3 58	1 12	26 15	3 54	25 25	1 41	23 27	1 3	9 55	2 1	11 54	0 45	23 15	0 29	23 26	17 30	9 37	10 14	19 20		n.a.
T 25	10 1	1 47	1 29	4 41	1 6	26 22	3 54	25 26	1 40	23 25	1 3	9 57	2 1	11 53	0 45	23 15	0 29	23 26	17 30	9 38	10 15	19 18		n.a.
F 26	10 23	5s 1	2 39	5 24	1 0	26 28	3 53	25 26	1 40	23 24	1 3	10 0	2 1	11 52	0 45	23 15	0 29	23 26	17 30	9 39	10 16	19 15		n.a.
S 27	10 46	11 30	3 38	6 6	0 53	26 34	3 52	25 26	1 39	23 23	1 3	10 2	2 1	11 51	0 45	23 15	0 29	23 26	17 30	9 41	10 17	19 12		n.a.
S 28	11 8	17 19	4 23	6 49	0 46	26 39	3 51	25 25	1 39	23 22	1 3	10 5	2 1	11 50	0 45	23 15	0 29	23 26	17 29	9 44	10 18	19 10		n.a.
M29	11 30	22 8	4 52	7 31	0 40	26 44	3 50	25 25	1 38	23 21	1 3	10 7	2 1	11 49	0 46	23 15	0 29	23 26	17 29	9 48	10 19	19 7		n.a.
T 30	11 51	25 41	5 5	8 13	0 33	26 48	3 48	25 24	1 38	23 20	1 3	10 10	2 1	11 48	0 46	23 16	0 29	23 26	17 29	9 52	10 21	19 4		n.a.
W31	12s13	27s49	5s 1	8s54	0n26	26s51	3s46	25s23	1s37	23s19	1s 3	10s12	2n 1	11n48	0n46	23s16	0n29	23s26	17s28	9s55	10s22	19s 1		n.a.

Julian Day Number = 1489032.5, Delta T = 05h16m16s
Ecliptic obliquity = 23°46'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'38, Lahiri = -12°44'38 Julian Calendar 1 Oct. 637 BCE == Greg. Calendar 24 Sept. 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

NOVEMBER 637 BCE (-636) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 14 9	2♏40'49	26♐55	25♎13	17♐28	3♑ 3	20♑ 0	1♏26	1♍33	27♐13	11°R21	4°R34	3♓27	12♒43	n.a.	T 1
F 2	2 18 5	3°41'55	9♑12	26°47	18°14	3°49	20° 8	1°33	1°35	27°14	11♓20	4♓28	3°24	12°50	n.a.	F 2
S 3	2 22 2	4°43'01	21°14	28°21	18°59	4°34	20°16	1°40	1°37	27°16	11°20	4°25	3°20	12°56	n.a.	S 3
S 4	2 25 58	5°44'08	3♒ 7	29°55	19°42	5°20	20°24	1°47	1°40	27°17	11°19	4°D24	3°17	13° 3	n.a.	S 4
M 5	2 29 55	6°45'16	14°56	1♏29	20°25	6° 5	20°33	1°54	1°42	27°19	11°19	4°24	3°14	13°10	n.a.	M 5
T 6	2 33 51	7°46'25	26°45	3° 3	21° 7	6°51	20°41	2° 1	1°44	27°20	11°18	4°25	3°11	13°16	n.a.	T 6
W 7	2 37 48	8°47'33	8♓40	4°38	21°48	7°37	20°50	2° 8	1°46	27°22	11°17	4°R25	3° 8	13°23	n.a.	W 7
T 8	2 41 45	9°48'43	20°47	6°12	22°27	8°22	20°58	2°15	1°48	27°24	11°17	4°24	3° 5	13°29	n.a.	T 8
F 9	2 45 41	10°49'52	3♈10	7°46	23° 5	9° 8	21° 7	2°22	1°50	27°25	11°16	4°20	3° 1	13°36	n.a.	F 9
S 10	2 49 38	11°51'03	15°50	9°20	23°42	9°54	21°16	2°29	1°52	27°27	11°16	4°13	2°58	13°43	n.a.	S 10
S 11	2 53 34	12°52'13	28°51	10°55	24°17	10°39	21°25	2°36	1°53	27°29	11°15	4° 4	2°55	13°49	n.a.	S 11
M12	2 57 31	13°53'25	12♉12	12°29	24°51	11°25	21°34	2°43	1°55	27°31	11°15	3°53	2°52	13°56	n.a.	M12
T 13	3 1 27	14°54'37	25°50	14° 4	25°24	12°11	21°44	2°50	1°57	27°32	11°14	3°41	2°49	14° 3	n.a.	T 13
W14	3 5 24	15°55'49	9♊43	15°38	25°55	12°56	21°53	2°57	1°59	27°34	11°14	3°29	2°46	14° 9	n.a.	W14
T 15	3 9 21	16°57'03	23°45	17°13	26°24	13°42	22° 3	3° 3	2° 0	27°36	11°14	3°18	2°42	14°16	n.a.	T 15
F 16	3 13 17	17°58'17	7♋54	18°48	26°52	14°28	22°13	3°10	2° 2	27°38	11°13	3°10	2°39	14°23	n.a.	F 16
S 17	3 17 14	18°59'31	22° 4	20°23	27°18	15°13	22°23	3°17	2° 3	27°40	11°13	3° 5	2°36	14°29	n.a.	S 17
S 18	3 21 10	20° 0'46	6♌13	21°59	27°42	15°59	22°33	3°24	2° 5	27°42	11°13	3° 3	2°33	14°36	n.a.	S 18
M19	3 25 7	21° 2'02	20°19	23°34	28° 5	16°45	22°43	3°31	2° 6	27°43	11°12	3°D 2	2°30	14°43	n.a.	M19
T 20	3 29 3	22° 3'18	4♍21	25°10	28°25	17°30	22°53	3°38	2° 8	27°45	11°12	3°R 2	2°26	14°49	n.a.	T 20
W21	3 33 0	23° 4'35	18°19	26°46	28°44	18°16	23° 4	3°44	2° 9	27°47	11°12	3° 2	2°23	14°56	n.a.	W21
T 22	3 36 56	24° 5'52	2♎13	28°23	29° 0	19° 2	23°14	3°51	2°10	27°49	11°12	2°59	2°20	15° 3	n.a.	T 22
F 23	3 40 53	25° 7'10	16° 1	29°59	29°15	19°47	23°25	3°58	2°11	27°51	11°11	2°53	2°17	15° 9	n.a.	F 23
S 24	3 44 50	26° 8'28	29°41	1♐36	29°27	20°33	23°35	4° 5	2°13	27°53	11°11	2°45	2°14	15°16	n.a.	S 24
S 25	3 48 46	27° 9'46	13♏11	3°13	29°37	21°19	23°46	4°11	2°14	27°55	11°11	2°33	2°11	15°23	n.a.	S 25
M26	3 52 43	28°11'04	26°28	4°50	29°45	22° 4	23°57	4°18	2°15	27°57	11°11	2°20	2° 7	15°29	n.a.	M26
T 27	3 56 39	29°12'23	9♐31	6°28	29°50	22°50	24° 8	4°25	2°16	27°59	11°11	2° 6	2° 4	15°36	n.a.	T 27
W28	4 0 36	0♐13'41	22°17	8° 6	29°53	23°36	24°19	4°31	2°17	28° 1	11°11	1°52	2° 1	15°43	n.a.	W28
T 29	4 4 32	1°14'59	4♑46	9°44	29°R54	24°21	24°30	4°38	2°18	28° 3	11°11	1°41	1°58	15°49	n.a.	T 29
F 30	4 8 29	2♐16'17	17♑ 1	11♐22	29♐52	25♑ 7	24♑42	4♏44	2♍18	28♐ 6	11♓10	1♓32	1♓55	15♒56	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s34	28s27	4s43	9s35	0n20	26s54	3s44	25s21	1s37	23s17	1s 2	10s15	2n 1	11n47	0n46	23s16	0n29	23s26	17s28	9s58	10s23	18s59		n.a.
F 2	12 55	27 38	4 12	10 16	0 13	26 56	3 42	25 19	1 36	23 16	1 2	10 17	2 1	11 46	0 46	23 16	0 29	23 26	17 28	10 0	10 24	18 56		n.a.
S 3	13 16	25 31	3 30	10 57	0 6	26 57	3 39	25 17	1 36	23 15	1 2	10 20	2 1	11 45	0 46	23 16	0 29	23 26	17 28	10 1	10 25	18 53		n.a.
S 4	13 37	22 19	2 39	11 37	0s 1	26 58	3 36	25 15	1 35	23 13	1 2	10 22	2 1	11 45	0 46	23 16	0 29	23 26	17 27	10 2	10 26	18 51		n.a.
M 5	13 58	18 13	1 42	12 16	0 7	26 58	3 33	25 12	1 34	23 12	1 2	10 25	2 1	11 44	0 46	23 16	0 29	23 26	17 27	10 2	10 28	18 48		n.a.
T 6	14 18	13 25	0 41	12 55	0 14	26 58	3 30	25 9	1 34	23 11	1 2	10 27	2 1	11 43	0 46	23 16	0 29	23 26	17 27	10 2	10 29	18 45		n.a.
W 7	14 38	8 5	0n23	13 33	0 20	26 57	3 26	25 6	1 33	23 9	1 2	10 30	2 1	11 42	0 46	23 16	0 29	23 26	17 26	10 1	10 30	18 42		n.a.
T 8	14 57	2 23	1 26	14 11	0 27	26 55	3 22	25 3	1 33	23 8	1 2	10 32	2 1	11 42	0 46	23 16	0 29	23 26	17 26	10 2	10 31	18 40		n.a.
F 9	15 17	3n31	2 27	14 49	0 33	26 53	3 18	24 59	1 32	23 6	1 2	10 35	2 1	11 41	0 46	23 16	0 29	23 26	17 26	10 3	10 32	18 37		n.a.
S 10	15 36	9 24	3 22	15 25	0 39	26 50	3 13	24 55	1 31	23 5	1 2	10 37	2 1	11 40	0 46	23 16	0 29	23 25	17 25	10 6	10 33	18 34		n.a.
S 11	15 55	15 3	4 7	16 1	0 45	26 47	3 8	24 51	1 31	23 3	1 1	10 39	2 1	11 40	0 46	23 16	0 29	23 25	17 25	10 9	10 35	18 31		n.a.
M12	16 14	20 9	4 40	16 37	0 51	26 43	3 3	24 46	1 30	23 2	1 1	10 42	2 1	11 39	0 46	23 16	0 29	23 25	17 25	10 13	10 36	18 29		n.a.
T 13	16 32	24 19	4 59	17 11	0 57	26 39	2 57	24 42	1 30	23 0	1 1	10 44	2 1	11 39	0 46	23 16	0 29	23 25	17 24	10 18	10 37	18 26		n.a.
W14	16 50	27 9	5 0	17 45	1 3	26 34	2 51	24 37	1 29	22 58	1 1	10 47	2 1	11 38	0 46	23 16	0 29	23 25	17 24	10 22	10 38	18 23		n.a.
T 15	17 8	28 20	4 43	18 18	1 8	26 28	2 45	24 31	1 28	22 57	1 1	10 49	2 1	11 37	0 46	23 16	0 29	23 25	17 24	10 26	10 39	18 20		n.a.
F 16	17 25	27 40	4 8	18 50	1 14	26 22	2 38	24 26	1 28	22 55	1 1	10 51	2 1	11 37	0 46	23 17	0 29	23 25	17 23	10 29	10 40	18 17		n.a.
S 17	17 43	25 12	3 19	19 22	1 19	26 16	2 31	24 20	1 27	22 53	1 1	10 54	2 1	11 36	0 46	23 17	0 29	23 24	17 23	10 31	10 41	18 15		n.a.
S 18	17 59	21 11	2 17	19 52	1 24	26 9	2 24	24 14	1 26	22 52	1 1	10 56	2 1	11 36	0 46	23 17	0 29	23 24	17 23	10 32	10 43	18 12		n.a.
M19	18 16	15 58	1 7	20 21	1 29	26 1	2 16	24 7	1 26	22 50	1 1	10 58	2 1	11 35	0 46	23 17	0 29	23 24	17 22	10 32	10 44	18 9		n.a.
T 20	18 32	9 56	0s 7	20 50	1 33	25 53	2 8	24 1	1 25	22 48	1 1	11 1	2 1	11 35	0 46	23 17	0 29	23 24	17 22	10 32	10 45	18 6		n.a.
W21	18 48	3 27	1 20	21 17	1 38	25 45	1 59	23 54	1 24	22 46	1 1	11 3	2 1	11 35	0 46	23 17	0 29	23 24	17 21	10 32	10 46	18 4		n.a.
T 22	19 4	3s 9	2 28	21 44	1 42	25 36	1 50	23 47	1 24	22 44	1 1	11 5	2 1	11 34	0 46	23 17	0 29	23 23	17 21	10 33	10 47	18 1		n.a.
F 23	19 19	9 33	3 26	22 9	1 46	25 26	1 40	23 40	1 23	22 42	1 1	11 7	2 1	11 34	0 47	23 17	0 29	23 23	17 21	10 35	10 48	17 58		n.a.
S 24	19 34	15 26	4 12	22 33	1 49	25 17	1 30	23 32	1 22	22 40	1 0	11 10	2 1	11 33	0 47	23 17	0 28	23 23	17 20	10 38	10 50	17 55		n.a.
S 25	19 48	20 30	4 43	22 56	1 53	25 6	1 20	23 24	1 22	22 38	1 0	11 12	2 1	11 33	0 47	23 17	0 28	23 23	17 20	10 42	10 51	17 52		n.a.
M26	20 2	24 28	4 58	23 18	1 56	24 55	1 9	23 16	1 21	22 37	1 0	11 14	2 1	11 33	0 47	23 17	0 28	23 22	17 20	10 47	10 52	17 49		n.a.
T 27	20 16	27 5	4 57	23 38	1 58	24 44	0 58	23 8	1 20	22 34	1 0	11 16	2 1	11 32	0 47	23 17	0 28	23 22	17 19	10 52	10 53	17 47		n.a.
W28	20 29	28 14	4 41	23 57	2 1	24 32	0 46	22 59	1 20	22 32	1 0	11 19	2 1	11 32	0 47	23 17	0 28	23 22	17 19	10 57	10 54	17 44		n.a.
T 29	20 42	27 53	4 12	24 15	2 3	24 20	0 34	22 50	1 19	22 30	1 0	11 21	2 1	11 32	0 47	23 17	0 28	23 21	17 19	11 2	10 55	17 41		n.a.
F 30	20s54	26s10	3s32	24s31	2s 4	24s 8	0s21	22s41	1s18	22s28	1s 0	11s23	2n 1	11n32	0n47	23s17	0n28	23s21	17s18	11s 5	10s56	17s38		n.a.

Julian Day Number = 1489063.5, Delta T = 05h16m15s
Ecliptic obliquity = 23°46'27, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'34, Lahiri = -12°44'34 Julian Calendar 1 Nov. 637 BCE == Greg. Calendar 25 Oct. 637 BCE

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ASTRODIENST EPHEMERIS for the year 637 BCE
geocentric

DECEMBER 637 BCE (-636) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 12 26	3♐17'34	29♉ 2	13♐ 0	29°R48	25♉52	24♉53	4♏51	2♍19	28♐ 8	11°R10	1°R26	1♓52	16♒ 3	n.a.	S 1
S 2	4 16 22	4°18'51	10♒54	14°39	29♐41	26°38	25° 5	4°57	2°20	28°10	11°D10	1♓22	1°48	16° 9	n.a.	S 2
M 3	4 20 19	5°20'08	22°41	16°17	29°32	27°24	25°16	5° 4	2°20	28°12	11♓10	1°21	1°45	16°16	n.a.	M 3
T 4	4 24 15	6°21'23	4♓29	17°55	29°20	28° 9	25°28	5°10	2°21	28°14	11°10	1°21	1°42	16°22	n.a.	T 4
W 5	4 28 12	7°22'39	16°24	19°34	29° 5	28°55	25°40	5°16	2°22	28°16	11°11	1°21	1°39	16°29	n.a.	W 5
T 6	4 32 8	8°23'53	28°30	21°11	28°48	29°40	25°52	5°23	2°22	28°18	11°11	1°19	1°36	16°36	n.a.	T 6
F 7	4 36 5	9°25'07	10♈53	22°49	28°29	0♒26	26° 4	5°29	2°22	28°20	11°11	1°16	1°32	16°42	n.a.	F 7
S 8	4 40 1	10°26'20	23°38	24°26	28° 7	1°11	26°16	5°35	2°23	28°23	11°11	1° 9	1°29	16°49	n.a.	S 8
S 9	4 43 58	11°27'33	6♉47	26° 2	27°43	1°56	26°28	5°41	2°23	28°25	11°11	1° 1	1°26	16°56	n.a.	S 9
M10	4 47 55	12°28'45	20°21	27°38	27°17	2°42	26°40	5°47	2°23	28°27	11°11	0°49	1°23	17° 2	n.a.	M10
T 11	4 51 51	13°29'56	4♊19	29°12	26°49	3°27	26°53	5°53	2°24	28°29	11°11	0°37	1°20	17° 9	n.a.	T 11
W12	4 55 48	14°31'07	18°36	0♉45	26°19	4°13	27° 5	5°59	2°24	28°32	11°12	0°25	1°17	17°16	n.a.	W12
T 13	4 59 44	15°32'17	3♋ 7	2°15	25°47	4°58	27°18	6° 5	2°24	28°34	11°12	0°14	1°13	17°22	n.a.	T 13
F 14	5 3 41	16°33'26	17°43	3°44	25°14	5°43	27°30	6°11	2°R24	28°36	11°12	0° 6	1°10	17°29	n.a.	F 14
S 15	5 7 37	17°34'35	2♌19	5°10	24°39	6°29	27°43	6°17	2°24	28°38	11°12	0° 0	1° 7	17°36	n.a.	S 15
S 16	5 11 34	18°35'44	16°48	6°32	24° 4	7°14	27°55	6°23	2°24	28°40	11°13	29♒58	1° 4	17°42	n.a.	S 16
M17	5 15 31	19°36'51	1♍ 7	7°51	23°28	7°59	28° 8	6°29	2°24	28°43	11°13	29°D57	1° 1	17°49	n.a.	M17
T 18	5 19 27	20°37'58	15°13	9° 5	22°51	8°44	28°21	6°34	2°23	28°45	11°13	29°R57	0°58	17°56	n.a.	T 18
W19	5 23 24	21°39'05	29° 7	10°14	22°14	9°30	28°34	6°40	2°23	28°47	11°14	29°57	0°54	18° 2	n.a.	W19
T 20	5 27 20	22°40'11	12♎48	11°16	21°37	10°15	28°47	6°46	2°23	28°49	11°14	29°56	0°51	18° 9	n.a.	T 20
F 21	5 31 17	23°41'16	26°16	12°12	21° 0	11° 0	29° 0	6°51	2°22	28°52	11°15	29°51	0°48	18°16	n.a.	F 21
S 22	5 35 13	24°42'21	9♏33	13° 0	20°24	11°45	29°13	6°57	2°22	28°54	11°15	29°44	0°45	18°22	n.a.	S 22
S 23	5 39 10	25°43'25	22°39	13°40	19°48	12°30	29°26	7° 2	2°21	28°56	11°16	29°35	0°42	18°29	n.a.	S 23
M24	5 43 6	26°44'28	5♐33	14°10	19°14	13°15	29°40	7° 7	2°21	28°59	11°16	29°23	0°38	18°35	n.a.	M24
T 25	5 47 3	27°45'30	18°15	14°30	18°40	14° 0	29°53	7°13	2°20	29° 1	11°17	29°11	0°35	18°42	n.a.	T 25
W26	5 51 0	28°46'31	0♉45	14°R39	18° 8	14°45	0♒ 6	7°18	2°20	29° 3	11°17	29° 0	0°32	18°49	n.a.	W26
T 27	5 54 56	29°47'31	13° 3	14°37	17°38	15°30	0°20	7°23	2°19	29° 5	11°18	28°50	0°29	18°55	n.a.	T 27
F 28	5 58 53	0♉48'29	25° 9	14°24	17° 9	16°15	0°33	7°28	2°18	29° 8	11°18	28°42	0°26	19° 2	n.a.	F 28
S 29	6 2 49	1°49'27	7♒ 6	14° 0	16°42	17° 0	0°47	7°33	2°17	29°10	11°19	28°37	0°23	19° 9	n.a.	S 29
S 30	6 6 46	2°50'22	18°56	13°25	16°18	17°45	1° 0	7°38	2°17	29°12	11°19	28°34	0°19	19°15	n.a.	S 30
M31	6 10 42	3♉51'17	0♓42	12♉40	15♐55	18♒30	1♒14	7♏43	2♍16	29♐15	11♓20	28°D34	0♓16	19♒22	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s 6	23s17	2s42	24s45	2s 6	23s55	0s 8	22s32	1s17	22s26	1s 0	11s25	2n 1	11n31	0n47	23s17	0n28	23s21	17s18	11s 7	10s58	17s35		n.a.
S 2	21 18	19 26	1 46	24 58	2 6	23 41	0n 5	22 23	1 17	22 24	1 0	11 27	2 1	11 31	0 47	23 17	0 28	23 21	17 17	11 8	10 59	17 33		n.a.
M 3	21 29	14 52	0 46	25 9	2 7	23 27	0 19	22 13	1 16	22 22	1 0	11 29	2 1	11 31	0 47	23 17	0 28	23 20	17 17	11 9	11 0	17 30		n.a.
T 4	21 40	9 44	0n17	25 19	2 6	23 13	0 33	22 3	1 15	22 19	1 0	11 31	2 1	11 31	0 47	23 17	0 28	23 20	17 17	11 9	11 1	17 27		n.a.
W 5	21 51	4 14	1 19	25 27	2 6	22 59	0 47	21 53	1 15	22 17	1 0	11 33	2 1	11 31	0 47	23 17	0 28	23 19	17 16	11 9	11 2	17 24		n.a.
T 6	22 1	1n30	2 19	25 33	2 4	22 44	1 2	21 42	1 14	22 15	1 0	11 35	2 1	11 30	0 47	23 18	0 28	23 19	17 16	11 9	11 3	17 21		n.a.
F 7	22 10	7 19	3 13	25 37	2 3	22 29	1 17	21 32	1 13	22 13	1 0	11 37	2 2	11 30	0 47	23 18	0 28	23 19	17 16	11 11	11 5	17 18		n.a.
S 8	22 20	13 0	4 0	25 39	2 0	22 13	1 32	21 21	1 12	22 10	1 0	11 39	2 2	11 30	0 47	23 18	0 28	23 18	17 15	11 13	11 6	17 15		n.a.
S 9	22 28	18 17	4 35	25 40	1 57	21 58	1 48	21 10	1 12	22 8	1 0	11 41	2 2	11 30	0 47	23 18	0 28	23 18	17 15	11 16	11 7	17 13		n.a.
M10	22 36	22 50	4 56	25 38	1 53	21 42	2 3	20 59	1 11	22 5	1 0	11 43	2 2	11 30	0 47	23 18	0 28	23 18	17 14	11 20	11 8	17 10		n.a.
T 11	22 44	26 13	5 0	25 35	1 48	21 26	2 19	20 47	1 10	22 3	1 0	11 45	2 2	11 30	0 47	23 18	0 28	23 17	17 14	11 24	11 9	17 7		n.a.
W12	22 52	28 2	4 46	25 29	1 43	21 9	2 34	20 36	1 9	22 0	1 0	11 47	2 2	11 30	0 47	23 18	0 28	23 17	17 14	11 29	11 10	17 4		n.a.
T 13	22 59	27 58	4 13	25 22	1 37	20 53	2 50	20 24	1 9	21 58	0 59	11 49	2 2	11 30	0 47	23 18	0 28	23 16	17 13	11 33	11 11	17 1		n.a.
F 14	23 5	25 57	3 24	25 13	1 29	20 37	3 5	20 12	1 8	21 55	0 59	11 51	2 2	11 30	0 47	23 18	0 28	23 16	17 13	11 36	11 13	16 58		n.a.
S 15	23 11	22 12	2 21	25 2	1 21	20 20	3 20	20 0	1 7	21 53	0 59	11 53	2 2	11 30	0 47	23 18	0 28	23 15	17 13	11 38	11 14	16 55		n.a.
S 16	23 17	17 7	1 9	24 49	1 12	20 4	3 35	19 48	1 7	21 50	0 59	11 55	2 2	11 30	0 48	23 18	0 28	23 15	17 12	11 39	11 15	16 52		n.a.
M17	23 22	11 8	0s 6	24 34	1 2	19 48	3 49	19 35	1 6	21 48	0 59	11 57	2 2	11 30	0 48	23 18	0 28	23 14	17 12	11 39	11 16	16 50		n.a.
T 18	23 26	4 40	1 20	24 19	0 51	19 32	4 3	19 22	1 5	21 45	0 59	11 58	2 2	11 30	0 48	23 18	0 28	23 14	17 12	11 39	11 17	16 47		n.a.
W19	23 30	1s54	2 28	24 1	0 39	19 16	4 17	19 9	1 4	21 42	0 59	12 0	2 2	11 31	0 48	23 18	0 28	23 13	17 11	11 39	11 18	16 44		n.a.
T 20	23 34	8 17	3 27	23 43	0 26	19 1	4 30	18 56	1 4	21 39	0 59	12 2	2 3	11 31	0 48	23 18	0 28	23 13	17 11	11 39	11 19	16 41		n.a.
F 21	23 37	14 12	4 13	23 24	0 12	18 46	4 43	18 43	1 3	21 37	0 59	12 4	2 3	11 31	0 48	23 18	0 28	23 12	17 10	11 41	11 21	16 38		n.a.
S 22	23 40	19 22	4 45	23 5	0n 3	18 31	4 55	18 30	1 2	21 34	0 59	12 5	2 3	11 31	0 48	23 18	0 28	23 12	17 10	11 43	11 22	16 35		n.a.
S 23	23 42	23 32	5 1	22 45	0 19	18 17	5 6	18 16	1 1	21 31	0 59	12 7	2 3	11 31	0 48	23 18	0 28	23 11	17 10	11 47	11 23	16 32		n.a.
M24	23 44	26 28	5 1	22 25	0 36	18 4	5 17	18 2	1 1	21 28	0 59	12 9	2 3	11 32	0 48	23 18	0 28	23 11	17 9	11 51	11 24	16 29		n.a.
T 25	23 45	28 0	4 47	22 5	0 54	17 51	5 27	17 49	1 0	21 25	0 59	12 10	2 3	11 32	0 48	23 18	0 28	23 10	17 9	11 55	11 25	16 26		n.a.
W26	23 46	28 5	4 19	21 46	1 12	17 39	5 36	17 34	0 59	21 22	0 59	12 12	2 3	11 32	0 48	23 18	0 28	23 10	17 9	11 59	11 26	16 23		n.a.
T 27	23 46	26 45	3 39	21 28	1 30	17 28	5 45	17 20	0 58	21 20	0 59	12 14	2 3	11 32	0 48	23 18	0 28	23 9	17 8	12 3	11 27	16 20		n.a.
F 28	23 46	24 10	2 49	21 11	1 48	17 18	5 52	17 6	0 58	21 17	0 59	12 15	2 3	11 33	0 48	23 18	0 28	23 9	17 8	12 5	11 29	16 18		n.a.
S 29	23 46	20 34	1 53	20 56	2 6	17 8	5 59	16 51	0 57	21 14	0 59	12 17	2 4	11 33	0 48	23 18	0 28	23 8	17 8	12 7	11 30	16 15		n.a.
S 30	23 45	16 10	0 52	20 42	2 24	17 0	6 5	16 37	0 56	21 11	0 59	12 18	2 4	11 33	0 48	23 18	0 28	23 8	17 7	12 8	11 31	16 12		n.a.
M31	23s43	11s12	0n12	20s30	2n40	16s52	6n11	16s22	0s55	21s 8	0s59	12s20	2n 4	11n34	0n48	23s18	0n28	23s 7	17s 7	12s 8	11s32	16s 9		n.a.

Julian Day Number = 1489093.5, Delta T = 05h16m14s
Ecliptic obliquity = 23°46'27, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'30, Lahiri = -12°44'30 Julian Calendar 1 Dec. 637 BCE == Greg. Calendar 24 Nov. 637 BCE

The year -636 astronomical counting style corresponds to year 637 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

JANUARY 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 14 39	4♉52'09	12♓29	11°R46	15°R35	19♒15	1♒27	7♏48	2°R15	29♐17	11♓21	28♒34	0♓13	19♒29	n.a.	T 1
W 2	6 18 35	5°53'00	24°22	10♉45	15♐17	19°59	1°41	7°53	2♍14	29°19	11°21	28°36	0°10	19°35	n.a.	W 2
T 3	6 22 32	6°53'49	6♈26	9°39	15° 2	20°44	1°55	7°58	2°13	29°21	11°22	28°R36	0° 7	19°42	n.a.	T 3
F 4	6 26 29	7°54'37	18°46	8°29	14°49	21°29	2° 9	8° 2	2°11	29°24	11°23	28°35	0° 4	19°49	n.a.	F 4
S 5	6 30 25	8°55'23	1♉28	7°17	14°38	22°13	2°22	8° 7	2°10	29°26	11°24	28°33	0° 0	19°55	n.a.	S 5
S 6	6 34 22	9°56'07	14°36	6° 6	14°30	22°58	2°36	8°11	2° 9	29°28	11°24	28°28	29♒57	20° 2	n.a.	S 6
M 7	6 38 18	10°56'50	28°11	4°56	14°25	23°43	2°50	8°16	2° 8	29°30	11°25	28°22	29°54	20° 9	n.a.	M 7
T 8	6 42 15	11°57'31	12♊14	3°51	14°22	24°27	3° 4	8°20	2° 7	29°33	11°26	28°14	29°51	20°15	n.a.	T 8
W 9	6 46 11	12°58'10	26°42	2°51	14°D21	25°12	3°18	8°24	2° 5	29°35	11°27	28° 7	29°48	20°22	n.a.	W 9
T 10	6 50 8	13°58'48	11♋29	1°58	14°23	25°56	3°32	8°28	2° 4	29°37	11°28	28° 0	29°44	20°29	n.a.	T 10
F 11	6 54 5	14°59'24	26°27	1°11	14°27	26°41	3°46	8°33	2° 2	29°39	11°28	27°55	29°41	20°35	n.a.	F 11
S 12	6 58 1	15°59'58	11♌28	0°32	14°34	27°25	4° 0	8°37	2° 1	29°41	11°29	27°52	29°38	20°42	n.a.	S 12
S 13	7 1 58	17° 0'31	26°22	0° 0	14°42	28° 9	4°14	8°40	1°59	29°44	11°30	27°D50	29°35	20°48	n.a.	S 13
M14	7 5 54	18° 1'02	11♍ 3	29♐37	14°53	28°54	4°28	8°44	1°58	29°46	11°31	27°51	29°32	20°55	n.a.	M14
T 15	7 9 51	19° 1'32	25°27	29°21	15° 7	29°38	4°43	8°48	1°56	29°48	11°32	27°52	29°29	21° 2	n.a.	T 15
W16	7 13 47	20° 2'00	9♎30	29°13	15°22	0♓22	4°57	8°52	1°54	29°50	11°33	27°54	29°25	21° 8	n.a.	W16
T 17	7 17 44	21° 2'27	23°12	29°D12	15°39	1° 7	5°11	8°55	1°53	29°52	11°34	27°R54	29°22	21°15	n.a.	T 17
F 18	7 21 40	22° 2'52	6♏35	29°17	15°59	1°51	5°25	8°59	1°51	29°55	11°35	27°53	29°19	21°22	n.a.	F 18
S 19	7 25 37	23° 3'16	19°40	29°29	16°20	2°35	5°39	9° 2	1°49	29°57	11°36	27°50	29°16	21°28	n.a.	S 19
S 20	7 29 34	24° 3'38	2♐30	29°47	16°43	3°19	5°54	9° 6	1°47	29°59	11°37	27°46	29°13	21°35	n.a.	S 20
M21	7 33 30	25° 3'59	15° 6	0♑10	17° 8	4° 3	6° 8	9° 9	1°45	0♑ 1	11°38	27°41	29°10	21°42	n.a.	M21
T 22	7 37 27	26° 4'18	27°30	0°39	17°35	4°47	6°22	9°12	1°43	0° 3	11°39	27°35	29° 6	21°48	n.a.	T 22
W23	7 41 23	27° 4'36	9♑43	1°12	18° 3	5°31	6°37	9°15	1°42	0° 5	11°40	27°29	29° 3	21°55	n.a.	W23
T 24	7 45 20	28° 4'51	21°47	1°50	18°33	6°15	6°51	9°18	1°40	0° 7	11°41	27°24	29° 0	22° 2	n.a.	T 24
F 25	7 49 16	29° 5'05	3♒44	2°32	19° 4	6°59	7° 5	9°21	1°38	0° 9	11°42	27°21	28°57	22° 8	n.a.	F 25
S 26	7 53 13	0♒ 5'16	15°35	3°18	19°37	7°43	7°20	9°24	1°35	0°11	11°43	27°19	28°54	22°15	n.a.	S 26
S 27	7 57 9	1° 5'26	27°23	4° 7	20°11	8°26	7°34	9°27	1°33	0°13	11°45	27°D18	28°50	22°22	n.a.	S 27
M28	8 1 6	2° 5'33	9♓ 9	5° 0	20°46	9°10	7°49	9°29	1°31	0°15	11°46	27°19	28°47	22°28	n.a.	M28
T 29	8 5 3	3° 5'38	20°58	5°55	21°23	9°54	8° 3	9°32	1°29	0°17	11°47	27°20	28°44	22°35	n.a.	T 29
W30	8 8 59	4° 5'41	2♈52	6°54	22° 1	10°38	8°17	9°34	1°27	0°19	11°48	27°22	28°41	22°41	n.a.	W30
T 31	8 12 56	5♒ 5'42	14♈56	7♑55	22♐40	11♓21	8♒32	9♏37	1♍25	0♑21	11♓49	27♒23	28♒38	22♒48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s41	5s50	1n14	20s20	2n56	16s45	6n16	16s 7	0s54	21s 4	0s59	12s21	2n 4	11n34	0n48	23s18	0n28	23s 7	17s 7	12s 8	11s33	16s 6			n.a.
W 2	23 38	0 13	2 14	20 11	3 9	16 39	6 20	15 52	0 54	21 1	0 59	12 23	2 4	11 35	0 48	23 18	0 28	23 6	17 6	12 8	11 34	16 3			n.a.
T 3	23 35	5n29	3 10	20 4	3 21	16 34	6 23	15 37	0 53	20 58	0 59	12 24	2 4	11 35	0 48	23 18	0 28	23 5	17 6	12 7	11 35	16 0			n.a.
F 4	23 32	11 6	3 57	20 0	3 31	16 30	6 26	15 22	0 52	20 55	0 59	12 25	2 4	11 35	0 48	23 18	0 28	23 5	17 6	12 8	11 36	15 57			n.a.
S 5	23 28	16 26	4 35	19 57	3 38	16 27	6 28	15 6	0 51	20 52	0 59	12 27	2 4	11 36	0 48	23 19	0 28	23 4	17 5	12 9	11 38	15 54			n.a.
S 6	23 24	21 12	4 59	19 55	3 43	16 25	6 29	14 51	0 51	20 49	0 59	12 28	2 5	11 36	0 48	23 19	0 28	23 4	17 5	12 10	11 39	15 51			n.a.
M 7	23 19	25 2	5 8	19 56	3 45	16 23	6 30	14 35	0 50	20 45	0 59	12 29	2 5	11 37	0 48	23 19	0 28	23 3	17 5	12 12	11 40	15 48			n.a.
T 8	23 14	27 31	4 59	19 58	3 46	16 23	6 31	14 20	0 49	20 42	0 59	12 31	2 5	11 37	0 48	23 19	0 28	23 2	17 4	12 15	11 41	15 45			n.a.
W 9	23 8	28 15	4 31	20 1	3 44	16 23	6 30	14 4	0 48	20 39	0 59	12 32	2 5	11 38	0 49	23 19	0 28	23 2	17 4	12 18	11 42	15 42			n.a.
T 10	23 2	27 0	3 44	20 6	3 40	16 24	6 30	13 48	0 48	20 36	0 59	12 33	2 5	11 38	0 49	23 19	0 28	23 1	17 4	12 20	11 43	15 39			n.a.
F 11	22 55	23 48	2 42	20 12	3 34	16 25	6 29	13 32	0 47	20 32	0 59	12 34	2 5	11 39	0 49	23 19	0 28	23 1	17 3	12 22	11 44	15 36			n.a.
S 12	22 48	18 59	1 28	20 19	3 27	16 28	6 27	13 16	0 46	20 29	0 59	12 36	2 5	11 40	0 49	23 19	0 28	23 0	17 3	12 23	11 45	15 33			n.a.
S 13	22 40	13 2	0 8	20 28	3 19	16 30	6 25	12 59	0 45	20 26	0 59	12 37	2 6	11 40	0 49	23 19	0 28	22 59	17 3	12 23	11 47	15 30			n.a.
M14	22 33	6 25	1s11	20 37	3 10	16 34	6 23	12 43	0 45	20 22	0 59	12 38	2 6	11 41	0 49	23 19	0 28	22 59	17 3	12 23	11 48	15 27			n.a.
T 15	22 24	0s22	2 25	20 47	2 59	16 38	6 20	12 27	0 44	20 19	0 59	12 39	2 6	11 41	0 49	23 19	0 28	22 58	17 2	12 23	11 49	15 24			n.a.
W16	22 15	6 59	3 27	20 58	2 49	16 43	6 17	12 10	0 43	20 15	0 59	12 40	2 6	11 42	0 49	23 19	0 28	22 57	17 2	12 22	11 50	15 21			n.a.
T 17	22 6	13 6	4 17	21 9	2 37	16 48	6 13	11 53	0 42	20 12	0 59	12 41	2 6	11 43	0 49	23 19	0 28	22 57	17 2	12 22	11 51	15 18			n.a.
F 18	21 56	18 28	4 51	21 21	2 26	16 54	6 10	11 37	0 42	20 8	0 59	12 42	2 6	11 43	0 49	23 19	0 28	22 56	17 1	12 23	11 52	15 15			n.a.
S 19	21 46	22 50	5 9	21 32	2 14	17 0	6 6	11 20	0 41	20 5	0 59	12 43	2 6	11 44	0 49	23 19	0 28	22 55	17 1	12 23	11 53	15 12			n.a.
S 20	21 36	26 1	5 11	21 44	2 2	17 6	6 2	11 3	0 40	20 1	0 59	12 44	2 7	11 45	0 49	23 19	0 28	22 55	17 1	12 25	11 55	15 9			n.a.
M21	21 25	27 51	4 58	21 56	1 50	17 13	5 57	10 46	0 39	19 58	0 59	12 45	2 7	11 45	0 49	23 19	0 28	22 54	17 1	12 27	11 56	15 6			n.a.
T 22	21 14	28 16	4 31	22 8	1 38	17 20	5 53	10 29	0 39	19 54	0 59	12 46	2 7	11 46	0 49	23 19	0 28	22 54	17 0	12 29	11 57	15 3			n.a.
W23	21 2	27 16	3 52	22 20	1 26	17 27	5 48	10 12	0 38	19 50	0 59	12 46	2 7	11 47	0 49	23 19	0 28	22 53	17 0	12 31	11 58	15 0			n.a.
T 24	20 50	24 59	3 3	22 31	1 15	17 35	5 43	9 55	0 37	19 47	1 0	12 47	2 7	11 48	0 49	23 19	0 28	22 52	17 0	12 33	11 59	14 57			n.a.
F 25	20 38	21 37	2 6	22 42	1 3	17 42	5 38	9 38	0 36	19 43	1 0	12 48	2 7	11 48	0 49	23 19	0 28	22 52	17 0	12 34	12 0	14 54			n.a.
S 26	20 25	17 24	1 4	22 52	0 52	17 50	5 33	9 21	0 36	19 39	1 0	12 49	2 8	11 49	0 49	23 19	0 28	22 51	16 59	12 34	12 1	14 51			n.a.
S 27	20 12	12 33	0n 0	23 2	0 41	17 58	5 27	9 3	0 35	19 36	1 0	12 49	2 8	11 50	0 49	23 19	0 28	22 50	16 59	12 35	12 2	14 48			n.a.
M28	19 58	7 15	1 5	23 11	0 30	18 6	5 22	8 46	0 34	19 32	1 0	12 50	2 8	11 51	0 49	23 19	0 28	22 50	16 59	12 35	12 3	14 45			n.a.
T 29	19 44	1 42	2 7	23 19	0 19	18 14	5 16	8 29	0 33	19 28	1 0	12 51	2 8	11 52	0 49	23 19	0 28	22 49	16 59	12 34	12 5	14 42			n.a.
W30	19 30	3n57	3 4	23 27	0 9	18 22	5 10	8 11	0 33	19 24	1 0	12 51	2 8	11 52	0 49	23 19	0 28	22 48	16 58	12 33	12 6	14 39			n.a.
T 31	19s16	9n33	3n53	23s33	0s 1	18s30	5n 4	7s54	0s32	19s21	1s 0	12s52	2n 8	11n53	0n49	23s19	0n28	22s48	16s58	12s33	12s 7	14s36			n.a.

Julian Day Number = 1489124.5, Delta T = 05h16m12s
Ecliptic obliquity = 23°46'26, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'26, Lahiri = -12°44'25 Julian Calendar 1 Jan. 636 BCE == Greg. Calendar 25 Dec. 637 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

FEBRUARY 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 16 52	6♒ 5'40	27♈15	8♉59	23♐21	12♓ 5	8♒46	9♏39	1°R22	0♉23	11♓50	27♒25	28♒35	22♒55	n.a.	F 1
S 2	8 20 49	7° 5'36	9♉53	10° 5	24° 2	12°48	9° 1	9°41	1♍20	0°25	11°52	27°R25	28°31	23° 1	n.a.	S 2
S 3	8 24 45	8° 5'30	22°54	11°13	24°45	13°32	9°15	9°43	1°18	0°27	11°53	27°24	28°28	23° 8	n.a.	S 3
M 4	8 28 42	9° 5'22	6♊21	12°23	25°28	14°15	9°30	9°45	1°16	0°29	11°54	27°23	28°25	23°15	n.a.	M 4
T 5	8 32 38	10° 5'11	20°17	13°36	26°12	14°59	9°44	9°47	1°13	0°31	11°55	27°21	28°22	23°21	n.a.	T 5
W 6	8 36 35	11° 4'58	4♋40	14°50	26°58	15°42	9°59	9°49	1°11	0°33	11°56	27°18	28°19	23°28	n.a.	W 6
T 7	8 40 32	12° 4'43	19°26	16° 6	27°44	16°25	10°13	9°51	1° 8	0°34	11°58	27°16	28°16	23°35	n.a.	T 7
F 8	8 44 28	13° 4'25	4♌30	17°24	28°31	17° 9	10°27	9°52	1° 6	0°36	11°59	27°15	28°12	23°41	n.a.	F 8
S 9	8 48 25	14° 4'05	19°42	18°43	29°19	17°52	10°42	9°54	1° 4	0°38	12° 0	27°14	28° 9	23°48	n.a.	S 9
S 10	8 52 21	15° 3'43	4♍54	20° 4	0♉ 8	18°35	10°56	9°55	1° 1	0°40	12° 2	27°D14	28° 6	23°55	n.a.	S 10
M11	8 56 18	16° 3'19	19°54	21°27	0°58	19°18	11°11	9°57	0°59	0°42	12° 3	27°15	28° 3	24° 1	n.a.	M11
T 12	9 0 14	17° 2'53	4♎37	22°51	1°48	20° 1	11°25	9°58	0°56	0°43	12° 4	27°16	28° 0	24° 8	n.a.	T 12
W13	9 4 11	18° 2'25	18°57	24°17	2°39	20°44	11°39	9°59	0°54	0°45	12° 5	27°16	27°56	24°15	n.a.	W13
T 14	9 8 7	19° 1'55	2♏51	25°44	3°31	21°27	11°54	10° 0	0°51	0°47	12° 7	27°17	27°53	24°21	n.a.	T 14
F 15	9 12 4	20° 1'24	16°20	27°12	4°23	22°10	12° 8	10° 1	0°49	0°48	12° 8	27°R17	27°50	24°28	n.a.	F 15
S 16	9 16 0	21° 0'50	29°25	28°42	5°16	22°53	12°22	10° 2	0°46	0°50	12° 9	27°17	27°47	24°34	n.a.	S 16
S 17	9 19 57	22° 0'15	12♐ 9	0♒13	6° 9	23°36	12°37	10° 3	0°44	0°52	12°11	27°17	27°44	24°41	n.a.	S 17
M18	9 23 54	22°59'38	24°35	1°46	7° 4	24°19	12°51	10° 3	0°41	0°53	12°12	27°16	27°41	24°48	n.a.	M18
T 19	9 27 50	23°58'59	6♉48	3°20	7°58	25° 2	13° 5	10° 4	0°39	0°55	12°14	27°16	27°37	24°54	n.a.	T 19
W20	9 31 47	24°58'17	18°50	4°56	8°53	25°45	13°20	10° 4	0°36	0°56	12°15	27°16	27°34	25° 1	n.a.	W20
T 21	9 35 43	25°57'34	0♒44	6°33	9°49	26°27	13°34	10° 4	0°33	0°58	12°16	27°15	27°31	25° 8	n.a.	T 21
F 22	9 39 40	26°56'49	12°34	8°11	10°45	27°10	13°48	10° 5	0°31	0°59	12°18	27°D15	27°28	25°14	n.a.	F 22
S 23	9 43 36	27°56'02	24°21	9°50	11°42	27°53	14° 3	10° 5	0°28	1° 1	12°19	27°R15	27°25	25°21	n.a.	S 23
S 24	9 47 33	28°55'12	6♓ 8	11°31	12°39	28°35	14°17	10°R 5	0°26	1° 2	12°20	27°15	27°22	25°28	n.a.	S 24
M25	9 51 29	29°54'20	17°58	13°13	13°37	29°18	14°31	10° 5	0°23	1° 4	12°22	27°15	27°18	25°34	n.a.	M25
T 26	9 55 26	0♓53'26	29°51	14°57	14°35	0♈ 0	14°45	10° 5	0°20	1° 5	12°23	27°15	27°15	25°41	n.a.	T 26
W27	9 59 23	1°52'30	11♈52	16°42	15°33	0°43	14°59	10° 4	0°18	1° 6	12°25	27°14	27°12	25°48	n.a.	W27
T 28	10 3 19	2♓51'31	24♈ 2	18♒29	16♉32	1♈25	15♒13	10♏ 4	0♍15	1♉ 8	12♓26	27♒14	27♒ 9	25♒54	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 1	14n53	4n34	23s39	0s11	18s38	4n59	7s36	0s31	19s17	1s 0	12s53	2n 9	11n54	0n49	23s19	0n28	22s47	16s58	12s32	12s 8	14s33		n.a.
S 2	18 45	19 44	5 2	23 43	0 20	18 46	4 53	7 19	0 30	19 13	1 0	12 53	2 9	11 55	0 49	23 19	0 28	22 46	16 58	12 32	12 9	14 30		n.a.
S 3	18 30	23 49	5 15	23 47	0 29	18 54	4 46	7 1	0 30	19 9	1 0	12 54	2 9	11 56	0 49	23 19	0 28	22 46	16 57	12 33	12 10	14 27		n.a.
M 4	18 14	26 48	5 12	23 49	0 38	19 2	4 40	6 44	0 29	19 5	1 0	12 54	2 9	11 57	0 49	23 19	0 28	22 45	16 57	12 33	12 11	14 24		n.a.
T 5	17 58	28 15	4 51	23 50	0 46	19 9	4 34	6 26	0 28	19 1	1 0	12 55	2 9	11 57	0 49	23 19	0 28	22 44	16 57	12 34	12 12	14 21		n.a.
W 6	17 41	27 53	4 12	23 50	0 54	19 17	4 28	6 8	0 28	18 58	1 0	12 55	2 9	11 58	0 49	23 19	0 28	22 44	16 57	12 35	12 14	14 18		n.a.
T 7	17 25	25 33	3 14	23 49	1 2	19 24	4 21	5 50	0 27	18 54	1 0	12 55	2 10	11 59	0 49	23 19	0 28	22 43	16 57	12 35	12 15	14 15		n.a.
F 8	17 8	21 23	2 3	23 46	1 9	19 31	4 15	5 33	0 26	18 50	1 0	12 56	2 10	12 0	0 49	23 19	0 28	22 42	16 57	12 36	12 16	14 12		n.a.
S 9	16 50	15 46	0 42	23 42	1 16	19 38	4 9	5 15	0 25	18 46	1 0	12 56	2 10	12 1	0 49	23 19	0 28	22 42	16 56	12 36	12 17	14 9		n.a.
S 10	16 33	9 12	0s42	23 37	1 23	19 44	4 2	4 57	0 25	18 42	1 0	12 56	2 10	12 2	0 49	23 19	0 28	22 41	16 56	12 36	12 18	14 6		n.a.
M11	16 15	2 11	2 3	23 30	1 29	19 50	3 56	4 39	0 24	18 38	1 1	12 57	2 10	12 3	0 49	23 19	0 28	22 40	16 56	12 36	12 19	14 2		n.a.
T 12	15 57	4s48	3 13	23 22	1 35	19 56	3 49	4 22	0 23	18 34	1 1	12 57	2 10	12 4	0 49	23 19	0 28	22 40	16 56	12 36	12 20	13 59		n.a.
W13	15 38	11 21	4 9	23 12	1 40	20 2	3 43	4 4	0 22	18 30	1 1	12 57	2 11	12 5	0 49	23 19	0 28	22 39	16 56	12 35	12 21	13 56		n.a.
T 14	15 20	17 9	4 49	23 1	1 45	20 7	3 36	3 46	0 22	18 26	1 1	12 57	2 11	12 5	0 49	23 19	0 28	22 38	16 56	12 35	12 22	13 53		n.a.
F 15	15 1	21 55	5 12	22 48	1 50	20 12	3 30	3 28	0 21	18 22	1 1	12 57	2 11	12 6	0 49	23 19	0 28	22 38	16 55	12 35	12 24	13 50		n.a.
S 16	14 42	25 28	5 17	22 34	1 54	20 17	3 23	3 10	0 20	18 18	1 1	12 57	2 11	12 7	0 49	23 19	0 28	22 37	16 55	12 35	12 25	13 47		n.a.
S 17	14 22	27 38	5 7	22 18	1 58	20 21	3 17	2 52	0 20	18 14	1 1	12 57	2 11	12 8	0 49	23 19	0 28	22 36	16 55	12 35	12 26	13 44		n.a.
M18	14 3	28 22	4 42	22 1	2 1	20 25	3 11	2 35	0 19	18 10	1 1	12 57	2 11	12 9	0 49	23 19	0 28	22 36	16 55	12 35	12 27	13 41		n.a.
T 19	13 43	27 41	4 5	21 42	2 4	20 28	3 4	2 17	0 18	18 6	1 1	12 57	2 12	12 10	0 49	23 19	0 28	22 35	16 55	12 35	12 28	13 38		n.a.
W20	13 23	25 42	3 18	21 21	2 7	20 31	2 58	1 59	0 18	18 2	1 1	12 57	2 12	12 11	0 49	23 19	0 28	22 34	16 55	12 36	12 29	13 35		n.a.
T 21	13 3	22 35	2 22	20 59	2 9	20 33	2 51	1 41	0 17	17 58	1 1	12 57	2 12	12 12	0 49	23 19	0 28	22 34	16 55	12 36	12 30	13 32		n.a.
F 22	12 42	18 34	1 21	20 34	2 11	20 35	2 45	1 23	0 16	17 54	1 1	12 57	2 12	12 13	0 49	23 19	0 28	22 33	16 55	12 36	12 31	13 29		n.a.
S 23	12 21	13 51	0 16	20 9	2 12	20 37	2 39	1 5	0 15	17 50	1 2	12 57	2 12	12 14	0 49	23 19	0 28	22 32	16 55	12 36	12 32	13 25		n.a.
S 24	12 1	8 38	0n49	19 41	2 12	20 38	2 32	0 48	0 15	17 45	1 2	12 57	2 12	12 15	0 49	23 19	0 28	22 32	16 54	12 36	12 34	13 22		n.a.
M25	11 40	3 6	1 53	19 12	2 13	20 39	2 26	0 30	0 14	17 41	1 2	12 57	2 13	12 16	0 49	23 19	0 28	22 31	16 54	12 36	12 35	13 19		n.a.
T 26	11 19	2n33	2 52	18 41	2 12	20 39	2 20	0 12	0 13	17 37	1 2	12 57	2 13	12 17	0 49	23 19	0 28	22 30	16 54	12 36	12 36	13 16		n.a.
W27	10 57	8 10	3 43	18 8	2 12	20 39	2 14	0n 6	0 13	17 33	1 2	12 56	2 13	12 18	0 49	23 18	0 28	22 30	16 54	12 36	12 37	13 13		n.a.
T 28	10s36	13n34	4n26	17s34	2s10	20s38	2n 7	0n23	0s12	17s29	1s 2	12s56	2n13	12n19	0n49	23s18	0n28	22s29	16s54	12s36	12s38	13s10		n.a.

Julian Day Number = 1489155.5, Delta T = 05h16m11s
Ecliptic obliquity = 23°46'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'22, Lahiri = -12°44'21 Julian Calendar 1 Feb. 636 BCE == Greg. Calendar 25 Jan. 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

MARCH 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 7 16	3♓50'30	6♉25	20♒17	17♑31	2♈ 7	15♒27	10°R 4	0°R13	1♑ 9	12♓28	27°R13	27♒ 6	26♒ 1	n.a.	F 1
S 2	10 11 12	4°49'27	19° 4	22° 6	18°31	2°50	15°41	10♏ 3	0♏10	1°10	12°29	27♒12	27° 2	26° 7	n.a.	S 2
S 3	10 15 9	5°48'21	2♊ 2	23°57	19°31	3°32	15°55	10° 2	0° 7	1°11	12°30	27°D12	26°59	26°14	n.a.	S 3
M 4	10 19 5	6°47'13	15°23	25°49	20°31	4°14	16° 9	10° 2	0° 5	1°13	12°32	27°12	26°56	26°21	n.a.	M 4
T 5	10 23 2	7°46'03	29° 7	27°43	21°32	4°56	16°23	10° 1	0° 2	1°14	12°33	27°13	26°53	26°27	n.a.	T 5
W 6	10 26 58	8°44'50	13♋16	29°38	22°33	5°38	16°37	10° 0	29♎59	1°15	12°35	27°13	26°50	26°34	n.a.	W 6
T 7	10 30 55	9°43'35	27°49	1♓34	23°34	6°20	16°51	9°59	29°57	1°16	12°36	27°14	26°47	26°41	n.a.	T 7
F 8	10 34 51	10°42'17	12♎41	3°32	24°35	7° 3	17° 5	9°58	29°55	1°17	12°37	27°15	26°43	26°47	n.a.	F 8
S 9	10 38 48	11°40'57	27°47	5°32	25°37	7°45	17°19	9°56	29°52	1°18	12°39	27°R15	26°40	26°54	n.a.	S 9
S 10	10 42 45	12°39'35	12♏58	7°32	26°39	8°26	17°32	9°55	29°50	1°19	12°40	27°15	26°37	27° 1	n.a.	S 10
M11	10 46 41	13°38'11	28° 5	9°34	27°42	9° 8	17°46	9°54	29°47	1°20	12°42	27°14	26°34	27° 7	n.a.	M11
T 12	10 50 38	14°36'44	12♐58	11°37	28°44	9°50	18° 0	9°52	29°45	1°21	12°43	27°12	26°31	27°14	n.a.	T 12
W13	10 54 34	15°35'16	27°30	13°42	29°47	10°32	18°13	9°51	29°42	1°22	12°45	27°10	26°27	27°21	n.a.	W13
T 14	10 58 31	16°33'46	11♑36	15°47	0♒50	11°14	18°27	9°49	29°40	1°23	12°46	27° 7	26°24	27°27	n.a.	T 14
F 15	11 2 27	17°32'15	25°15	17°53	1°54	11°56	18°40	9°47	29°37	1°24	12°47	27° 5	26°21	27°34	n.a.	F 15
S 16	11 6 24	18°30'42	8♐26	20° 0	2°57	12°37	18°54	9°45	29°35	1°25	12°49	27° 4	26°18	27°41	n.a.	S 16
S 17	11 10 20	19°29'07	21°12	22° 7	4° 1	13°19	19° 7	9°43	29°32	1°25	12°50	27°D 3	26°15	27°47	n.a.	S 17
M18	11 14 17	20°27'30	3♑38	24°15	5° 5	14° 0	19°21	9°41	29°30	1°26	12°52	27° 4	26°12	27°54	n.a.	M18
T 19	11 18 14	21°25'52	15°47	26°22	6° 9	14°42	19°34	9°39	29°28	1°27	12°53	27° 5	26° 8	28° 0	n.a.	T 19
W20	11 22 10	22°24'12	27°44	28°29	7°14	15°24	19°47	9°37	29°25	1°28	12°55	27° 7	26° 5	28° 7	n.a.	W20
T 21	11 26 7	23°22'30	9♒33	0♈36	8°19	16° 5	20° 0	9°35	29°23	1°28	12°56	27° 9	26° 2	28°14	n.a.	T 21
F 22	11 30 3	24°20'46	21°20	2°42	9°23	16°46	20°14	9°32	29°21	1°29	12°57	27°R10	25°59	28°20	n.a.	F 22
S 23	11 34 0	25°19'01	3♓ 6	4°47	10°29	17°28	20°27	9°30	29°18	1°30	12°59	27°10	25°56	28°27	n.a.	S 23
S 24	11 37 56	26°17'13	14°56	6°50	11°34	18° 9	20°40	9°27	29°16	1°30	13° 0	27° 8	25°53	28°34	n.a.	S 24
M25	11 41 53	27°15'24	26°52	8°52	12°39	18°51	20°53	9°25	29°14	1°31	13° 2	27° 6	25°49	28°40	n.a.	M25
T 26	11 45 49	28°13'34	8♈55	10°51	13°45	19°32	21° 6	9°22	29°12	1°31	13° 3	27° 1	25°46	28°47	n.a.	T 26
W27	11 49 46	29°11'41	21° 7	12°49	14°50	20°13	21°18	9°19	29°10	1°32	13° 4	26°56	25°43	28°54	n.a.	W27
T 28	11 53 42	0♈ 9'46	3♉30	14°43	15°56	20°54	21°31	9°16	29° 8	1°32	13° 6	26°50	25°40	29° 0	n.a.	T 28
F 29	11 57 39	1° 7'50	16° 5	16°35	17° 2	21°35	21°44	9°13	29° 6	1°33	13° 7	26°45	25°37	29° 7	n.a.	F 29
S 30	12 1 36	2° 5'51	28°53	18°23	18° 9	22°17	21°57	9°10	29° 3	1°33	13° 9	26°40	25°33	29°14	n.a.	S 30
S 31	12 5 32	3♈ 3'51	11♊57	20♈ 9	19♒15	22♈58	22♒ 9	9♏ 7	29♎ 1	1♑33	13♓10	26♒37	25♒30	29♒20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s14	18n30	4n57	16s58	2s 9	20s36	2n 1	0n41	0s11	17s25	1s 2	12s56	2n13	12n19	0n49	23s18	0n28	22s29	16s54	12s37	12s39	13s 7		n.a.
S 2	9 52	22 46	5 14	16 20	2 6	20 34	1 55	0 59	0 11	17 21	1 2	12 55	2 13	12 20	0 49	23 18	0 28	22 28	16 54	12 37	12 40	13 4		n.a.
S 3	9 31	26 1	5 16	15 40	2 4	20 32	1 49	1 16	0 10	17 17	1 2	12 55	2 14	12 21	0 49	23 18	0 28	22 27	16 54	12 37	12 41	13 1		n.a.
M 4	9 9	27 57	5 2	14 58	2 0	20 29	1 43	1 34	0 9	17 13	1 3	12 55	2 14	12 22	0 49	23 18	0 28	22 27	16 54	12 37	12 42	12 58		n.a.
T 5	8 46	28 16	4 30	14 15	1 56	20 26	1 37	1 51	0 9	17 8	1 3	12 54	2 14	12 23	0 49	23 18	0 28	22 26	16 54	12 37	12 43	12 54		n.a.
W 6	8 24	26 46	3 41	13 30	1 52	20 22	1 31	2 9	0 8	17 4	1 3	12 54	2 14	12 24	0 49	23 18	0 28	22 26	16 54	12 36	12 45	12 51		n.a.
T 7	8 2	23 26	2 36	12 44	1 47	20 17	1 25	2 26	0 7	17 0	1 3	12 53	2 14	12 25	0 49	23 18	0 28	22 25	16 54	12 36	12 46	12 48		n.a.
F 8	7 39	18 31	1 20	11 55	1 42	20 12	1 20	2 44	0 7	16 56	1 3	12 53	2 14	12 26	0 49	23 18	0 28	22 24	16 54	12 36	12 47	12 45		n.a.
S 9	7 17	12 22	0s 3	11 6	1 36	20 6	1 14	3 1	0 6	16 52	1 3	12 52	2 15	12 27	0 49	23 18	0 28	22 24	16 54	12 36	12 48	12 42		n.a.
S 10	6 54	5 27	1 26	10 14	1 29	20 0	1 8	3 19	0 5	16 48	1 3	12 52	2 15	12 28	0 49	23 18	0 28	22 23	16 54	12 36	12 49	12 39		n.a.
M11	6 31	1s42	2 43	9 21	1 22	19 53	1 3	3 36	0 5	16 44	1 3	12 51	2 15	12 29	0 49	23 18	0 28	22 23	16 54	12 36	12 50	12 36		n.a.
T 12	6 8	8 40	3 47	8 27	1 14	19 46	0 57	3 53	0 4	16 39	1 4	12 51	2 15	12 29	0 49	23 18	0 28	22 22	16 54	12 37	12 51	12 33		n.a.
W13	5 46	14 59	4 35	7 31	1 6	19 38	0 52	4 11	0 3	16 35	1 4	12 50	2 15	12 30	0 49	23 18	0 28	22 22	16 54	12 38	12 52	12 29		n.a.
T 14	5 23	20 20	5 4	6 34	0 58	19 30	0 46	4 28	0 3	16 31	1 4	12 49	2 15	12 31	0 49	23 18	0 28	22 21	16 54	12 39	12 53	12 26		n.a.
F 15	4 59	24 26	5 16	5 36	0 48	19 21	0 41	4 45	0 2	16 27	1 4	12 49	2 15	12 32	0 49	23 18	0 28	22 20	16 54	12 39	12 54	12 23		n.a.
S 16	4 36	27 7	5 10	4 37	0 39	19 12	0 36	5 2	0 1	16 23	1 4	12 48	2 16	12 33	0 49	23 18	0 28	22 20	16 54	12 40	12 56	12 20		n.a.
S 17	4 13	28 16	4 48	3 37	0 29	19 2	0 30	5 19	0 1	16 19	1 4	12 47	2 16	12 34	0 49	23 18	0 28	22 19	16 54	12 40	12 57	12 17		n.a.
M18	3 50	27 57	4 14	2 36	0 19	18 51	0 25	5 36	0 0	16 15	1 4	12 46	2 16	12 34	0 49	23 18	0 28	22 19	16 54	12 40	12 58	12 14		n.a.
T 19	3 27	26 17	3 29	1 35	0 8	18 40	0 20	5 53	0n 1	16 11	1 4	12 46	2 16	12 35	0 49	23 18	0 28	22 18	16 54	12 39	12 59	12 10		n.a.
W20	3 3	23 26	2 35	0 34	0n 3	18 28	0 15	6 10	0 1	16 6	1 5	12 45	2 16	12 36	0 49	23 18	0 28	22 18	16 54	12 39	13 0	12 7		n.a.
T 21	2 40	19 38	1 35	0n27	0 13	18 16	0 10	6 26	0 2	16 2	1 5	12 44	2 16	12 37	0 49	23 18	0 28	22 17	16 54	12 38	13 1	12 4		n.a.
F 22	2 17	15 6	0 32	1 28	0 24	18 4	0 6	6 43	0 3	15 58	1 5	12 43	2 16	12 38	0 49	23 18	0 28	22 17	16 54	12 38	13 2	12 1		n.a.
S 23	1 53	10 0	0n33	2 28	0 36	17 51	0 1	7 0	0 3	15 54	1 5	12 42	2 17	12 39	0 49	23 18	0 28	22 16	16 54	12 38	13 3	11 58		n.a.
S 24	1 30	4 32	1 36	3 28	0 46	17 37	0s 4	7 16	0 4	15 50	1 5	12 41	2 17	12 39	0 49	23 18	0 28	22 16	16 54	12 38	13 4	11 55		n.a.
M25	1 6	1n 7	2 36	4 26	0 57	17 23	0 8	7 33	0 4	15 46	1 5	12 40	2 17	12 40	0 49	23 18	0 28	22 15	16 54	12 39	13 5	11 52		n.a.
T 26	0 43	6 46	3 29	5 24	1 8	17 8	0 13	7 49	0 5	15 42	1 6	12 39	2 17	12 41	0 49	23 18	0 28	22 15	16 54	12 41	13 6	11 48		n.a.
W27	0 19	12 15	4 13	6 20	1 18	16 53	0 17	8 6	0 6	15 38	1 6	12 38	2 17	12 42	0 49	23 18	0 28	22 14	16 54	12 42	13 8	11 45		n.a.
T 28	0n 4	17 20	4 46	7 14	1 28	16 37	0 21	8 22	0 6	15 34	1 6	12 37	2 17	12 42	0 49	23 18	0 28	22 14	16 55	12 44	13 9	11 42		n.a.
F 29	0 27	21 45	5 6	8 6	1 38	16 21	0 25	8 38	0 7	15 30	1 6	12 36	2 17	12 43	0 49	23 18	0 28	22 13	16 55	12 46	13 10	11 39		n.a.
S 30	0 51	25 15	5 11	8 57	1 47	16 4	0 30	8 54	0 7	15 26	1 6	12 35	2 17	12 44	0 49	23 18	0 28	22 13	16 55	12 48	13 11	11 36		n.a.
S 31	1n14	27n30	5n 0	9n46	1n55	15s47	0s34	9n10	0n 8	15s22	1s 6	12s34	2n17	12n44	0n49	23s18	0n28	22s12	16s55	12s49	13s12	11s33		n.a.

Julian Day Number = 1489183.5, Delta T = 05h16m09s
Ecliptic obliquity = 23°46'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'18, Lahiri = -12°44'17 Julian Calendar 1 March 636 BCE == Greg. Calendar 22 Feb. 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

APRIL 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 9 29	4♈ 1'49	25♊17	21♈51	20♒21	23♈39	22♒22	9°R 4	28°R59	1♉34	13♓11	26°R35	25♒27	29♒27	n.a.	M 1
T 2	12 13 25	4°59'44	8♋55	23°29	21°28	24°20	22°34	9♏ 1	28♎58	1°34	13°13	26°D34	25°24	29°33	n.a.	T 2
W 3	12 17 22	5°57'38	22°52	25° 4	22°35	25° 1	22°47	8°58	28°56	1°34	13°14	26♒35	25°21	29°40	n.a.	W 3
T 4	12 21 18	6°55'30	7♌ 9	26°35	23°42	25°42	22°59	8°54	28°54	1°35	13°15	26°37	25°18	29°47	n.a.	T 4
F 5	12 25 15	7°53'19	21°42	28° 3	24°48	26°22	23°11	8°51	28°52	1°35	13°17	26°R38	25°14	29°53	n.a.	F 5
S 6	12 29 11	8°51'07	6♍29	29°26	25°56	27° 3	23°23	8°48	28°50	1°35	13°18	26°37	25°11	0♓ 0	n.a.	S 6
S 7	12 33 8	9°48'53	21°24	0♎46	27° 3	27°44	23°35	8°44	28°48	1°35	13°19	26°35	25° 8	0° 7	n.a.	S 7
M 8	12 37 5	10°46'38	6♏20	2° 1	28°10	28°25	23°47	8°40	28°47	1°35	13°20	26°31	25° 5	0°13	n.a.	M 8
T 9	12 41 1	11°44'20	21° 7	3°13	29°18	29° 5	23°59	8°37	28°45	1°35	13°22	26°25	25° 2	0°20	n.a.	T 9
W10	12 44 58	12°42'02	5♐39	4°20	0♓25	29°46	24°11	8°33	28°43	1°35	13°23	26°18	24°58	0°27	n.a.	W10
T 11	12 48 54	13°39'42	19°48	5°23	1°33	0♎27	24°23	8°29	28°42	1°R35	13°24	26°11	24°55	0°33	n.a.	T 11
F 12	12 52 51	14°37'21	3♑31	6°22	2°41	1° 7	24°34	8°26	28°40	1°35	13°26	26° 4	24°52	0°40	n.a.	F 12
S 13	12 56 47	15°34'58	16°47	7°16	3°49	1°48	24°46	8°22	28°39	1°35	13°27	25°59	24°49	0°47	n.a.	S 13
S 14	13 0 44	16°32'35	29°38	8° 7	4°57	2°28	24°58	8°18	28°37	1°35	13°28	25°56	24°46	0°53	n.a.	S 14
M15	13 4 40	17°30'10	12♉ 5	8°52	6° 5	3° 9	25° 9	8°14	28°36	1°35	13°29	25°54	24°43	1° 0	n.a.	M15
T 16	13 8 37	18°27'45	24°15	9°33	7°13	3°49	25°20	8°10	28°34	1°35	13°31	25°D54	24°39	1° 7	n.a.	T 16
W17	13 12 34	19°25'18	6♒12	10°10	8°21	4°30	25°31	8° 6	28°33	1°35	13°32	25°55	24°36	1°13	n.a.	W17
T 18	13 16 30	20°22'50	18° 1	10°42	9°30	5°10	25°43	8° 2	28°32	1°34	13°33	25°56	24°33	1°20	n.a.	T 18
F 19	13 20 27	21°20'21	29°48	11° 9	10°38	5°51	25°54	7°58	28°30	1°34	13°34	25°R56	24°30	1°26	n.a.	F 19
S 20	13 24 23	22°17'51	11♓36	11°32	11°47	6°31	26° 5	7°54	28°29	1°34	13°35	25°55	24°27	1°33	n.a.	S 20
S 21	13 28 20	23°15'20	23°31	11°50	12°56	7°11	26°15	7°49	28°28	1°33	13°36	25°51	24°24	1°40	n.a.	S 21
M22	13 32 16	24°12'48	5♈34	12° 3	14° 4	7°51	26°26	7°45	28°27	1°33	13°38	25°45	24°20	1°46	n.a.	M22
T 23	13 36 13	25°10'15	17°49	12°12	15°13	8°32	26°37	7°41	28°26	1°33	13°39	25°37	24°17	1°53	n.a.	T 23
W24	13 40 9	26° 7'41	0♉17	12°R15	16°22	9°12	26°47	7°37	28°25	1°32	13°40	25°27	24°14	2° 0	n.a.	W24
T 25	13 44 6	27° 5'05	12°57	12°14	17°31	9°52	26°58	7°33	28°24	1°32	13°41	25°16	24°11	2° 6	n.a.	T 25
F 26	13 48 3	28° 2'29	25°51	12° 9	18°40	10°32	27° 8	7°28	28°23	1°31	13°42	25° 6	24° 8	2°13	n.a.	F 26
S 27	13 51 59	28°59'51	8♊57	11°59	19°49	11°12	27°18	7°24	28°22	1°31	13°43	24°56	24° 4	2°20	n.a.	S 27
S 28	13 55 56	29°57'13	22°15	11°46	20°59	11°52	27°28	7°20	28°21	1°30	13°44	24°49	24° 1	2°26	n.a.	S 28
M29	13 59 52	0♉54'33	5♋45	11°28	22° 8	12°32	27°38	7°15	28°21	1°30	13°45	24°44	23°58	2°33	n.a.	M29
T 30	14 3 49	1♉51'52	19♋27	11♉ 7	23♓17	13♉12	27♒48	7♏11	28♎20	1♉29	13♓46	24♒42	23♒55	2♓40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n37	28n15	4n33	10n32	2n 3	15s30	0s38	9n26	0n 9	15s18	1s 7	12s33	2n18	12n45	0n49	23s18	0n28	22s12	16s55	12s50	13s13	11s29		n.a.
T 2	2 1	27 18	3 51	11 16	2 11	15 12	0 41	9 42	0 9	15 14	1 7	12 32	2 18	12 46	0 49	23 18	0 28	22 12	16 55	12 50	13 14	11 26		n.a.
W 3	2 24	24 39	2 53	11 58	2 17	14 53	0 45	9 58	0 10	15 10	1 7	12 31	2 18	12 46	0 49	23 18	0 28	22 11	16 55	12 50	13 15	11 23		n.a.
T 4	2 47	20 25	1 44	12 37	2 23	14 35	0 49	10 14	0 11	15 6	1 7	12 30	2 18	12 47	0 49	23 18	0 28	22 11	16 55	12 49	13 16	11 20		n.a.
F 5	3 10	14 53	0 27	13 14	2 28	14 15	0 52	10 29	0 11	15 2	1 7	12 28	2 18	12 48	0 49	23 18	0 28	22 10	16 56	12 49	13 17	11 17		n.a.
S 6	3 33	8 26	0s53	13 48	2 33	13 56	0 56	10 45	0 12	14 58	1 8	12 27	2 18	12 48	0 49	23 18	0 28	22 10	16 56	12 49	13 18	11 13		n.a.
S 7	3 56	1 28	2 10	14 20	2 36	13 36	0 59	11 0	0 12	14 54	1 8	12 26	2 18	12 49	0 49	23 18	0 28	22 10	16 56	12 50	13 19	11 10		n.a.
M 8	4 19	5s34	3 18	14 49	2 39	13 15	1 2	11 16	0 13	14 51	1 8	12 25	2 18	12 49	0 49	23 18	0 28	22 9	16 56	12 51	13 21	11 7		n.a.
T 9	4 42	12 14	4 12	15 16	2 40	12 54	1 6	11 31	0 13	14 47	1 8	12 24	2 18	12 50	0 49	23 18	0 28	22 9	16 56	12 53	13 22	11 4		n.a.
W10	5 5	18 7	4 49	15 40	2 41	12 33	1 9	11 46	0 14	14 43	1 8	12 22	2 18	12 51	0 49	23 18	0 28	22 9	16 56	12 55	13 23	11 1		n.a.
T 11	5 28	22 50	5 6	16 2	2 41	12 11	1 12	12 1	0 15	14 39	1 8	12 21	2 18	12 51	0 49	23 18	0 28	22 8	16 56	12 58	13 24	10 57		n.a.
F 12	5 50	26 9	5 6	16 21	2 40	11 49	1 15	12 16	0 15	14 35	1 9	12 20	2 18	12 52	0 49	23 18	0 28	22 8	16 57	13 0	13 25	10 54		n.a.
S 13	6 13	27 53	4 48	16 37	2 38	11 27	1 17	12 31	0 16	14 32	1 9	12 19	2 18	12 52	0 49	23 18	0 28	22 7	16 57	13 2	13 26	10 51		n.a.
S 14	6 35	28 3	4 17	16 51	2 35	11 4	1 20	12 45	0 16	14 28	1 9	12 17	2 18	12 53	0 49	23 18	0 28	22 7	16 57	13 3	13 27	10 48		n.a.
M15	6 58	26 46	3 34	17 3	2 32	10 41	1 23	13 0	0 17	14 24	1 9	12 16	2 18	12 53	0 49	23 18	0 28	22 7	16 57	13 4	13 28	10 45		n.a.
T 16	7 20	24 13	2 42	17 11	2 27	10 18	1 25	13 14	0 17	14 21	1 9	12 15	2 18	12 53	0 49	23 18	0 28	22 7	16 57	13 4	13 29	10 41		n.a.
W17	7 42	20 40	1 44	17 18	2 21	9 54	1 28	13 29	0 18	14 17	1 10	12 13	2 19	12 54	0 49	23 18	0 28	22 6	16 58	13 3	13 30	10 38		n.a.
T 18	8 4	16 19	0 43	17 22	2 14	9 30	1 30	13 43	0 19	14 13	1 10	12 12	2 19	12 54	0 48	23 18	0 28	22 6	16 58	13 3	13 31	10 35		n.a.
F 19	8 26	11 23	0n21	17 23	2 6	9 6	1 32	13 57	0 19	14 10	1 10	12 11	2 19	12 55	0 48	23 18	0 28	22 6	16 58	13 3	13 32	10 32		n.a.
S 20	8 48	6 2	1 23	17 22	1 57	8 41	1 34	14 11	0 20	14 6	1 10	12 9	2 19	12 55	0 48	23 18	0 28	22 5	16 58	13 3	13 33	10 29		n.a.
S 21	9 10	0 26	2 22	17 18	1 47	8 17	1 36	14 25	0 20	14 3	1 11	12 8	2 19	12 56	0 48	23 18	0 28	22 5	16 58	13 5	13 34	10 25		n.a.
M22	9 31	5n14	3 16	17 12	1 37	7 51	1 38	14 39	0 21	13 59	1 11	12 6	2 19	12 56	0 48	23 18	0 28	22 5	16 59	13 7	13 36	10 22		n.a.
T 23	9 52	10 47	4 1	17 3	1 25	7 26	1 40	14 53	0 21	13 56	1 11	12 5	2 19	12 56	0 48	23 18	0 28	22 5	16 59	13 10	13 37	10 19		n.a.
W24	10 14	16 1	4 35	16 52	1 12	7 1	1 42	15 6	0 22	13 52	1 11	12 4	2 19	12 57	0 48	23 18	0 28	22 4	16 59	13 13	13 38	10 16		n.a.
T 25	10 35	20 39	4 57	16 39	0 59	6 35	1 43	15 20	0 22	13 49	1 11	12 2	2 19	12 57	0 48	23 18	0 28	22 4	16 59	13 17	13 39	10 12		n.a.
F 26	10 55	24 24	5 4	16 24	0 44	6 9	1 45	15 33	0 23	13 45	1 12	12 1	2 19	12 57	0 48	23 18	0 28	22 4	17 0	13 20	13 40	10 9		n.a.
S 27	11 16	26 57	4 55	16 7	0 29	5 43	1 46	15 46	0 24	13 42	1 12	11 59	2 19	12 57	0 48	23 18	0 28	22 4	17 0	13 23	13 41	10 6		n.a.
S 28	11 37	28 2	4 30	15 48	0 14	5 16	1 48	15 59	0 24	13 39	1 12	11 58	2 19	12 58	0 48	23 18	0 28	22 4	17 0	13 26	13 42	10 3		n.a.
M29	11 57	27 28	3 50	15 27	0s 2	4 50	1 49	16 12	0 25	13 36	1 12	11 57	2 19	12 58	0 48	23 18	0 28	22 3	17 0	13 28	13 43	10 0		n.a.
T 30	12n17	25n15	2n56	15n 4	0s19	4s23	1s50	16n25	0n25	13s32	1s13	11s55	2n19	12n58	0n48	23s18	0n28	22s 3	17s 1	13s28	13s44	9s56		n.a.

Julian Day Number = 1489214.5, Delta T = 05h16m08s
Ecliptic obliquity = 23°46'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'14, Lahiri = -12°44'13 Julian Calendar 1 Apr. 636 BCE == Greg. Calendar 25 March 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

MAY 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 7 45	2♉49'09	3♌21	10°R42	24♓27	13♉52	27♒58	7°R 6	28°R19	1°R29	13♓47	24°D41	23♒52	2♓46	n.a.	W 1
T 2	14 11 42	3°46'26	17°26	10♉15	25°36	14°32	28° 8	7♏ 2	28♌19	1♑28	13°48	24°R41	23°49	2°53	n.a.	T 2
F 3	14 15 38	4°43'41	1♍43	9°45	26°46	15°12	28°17	6°58	28°18	1°27	13°49	24♒41	23°45	3° 0	n.a.	F 3
S 4	14 19 35	5°40'55	16° 9	9°14	27°56	15°52	28°27	6°53	28°18	1°27	13°50	24°40	23°42	3° 6	n.a.	S 4
S 5	14 23 32	6°38'08	0♎41	8°41	29° 5	16°31	28°36	6°49	28°17	1°26	13°51	24°36	23°39	3°13	n.a.	S 5
M 6	14 27 28	7°35'20	15°14	8° 7	0♈15	17°11	28°45	6°44	28°17	1°25	13°52	24°29	23°36	3°19	n.a.	M 6
T 7	14 31 25	8°32'31	29°43	7°34	1°25	17°51	28°54	6°40	28°16	1°24	13°53	24°20	23°33	3°26	n.a.	T 7
W 8	14 35 21	9°29'42	13♏59	7° 0	2°35	18°31	29° 3	6°36	28°16	1°23	13°54	24°10	23°30	3°33	n.a.	W 8
T 9	14 39 18	10°26'52	27°59	6°28	3°45	19°10	29°12	6°31	28°16	1°23	13°55	23°59	23°26	3°39	n.a.	T 9
F 10	14 43 14	11°24'02	11♐36	5°57	4°55	19°50	29°21	6°27	28°16	1°22	13°56	23°48	23°23	3°46	n.a.	F 10
S 11	14 47 11	12°21'11	24°50	5°29	6° 5	20°30	29°29	6°23	28°15	1°21	13°56	23°39	23°20	3°53	n.a.	S 11
S 12	14 51 7	13°18'19	7♑40	5° 3	7°15	21° 9	29°38	6°18	28°15	1°20	13°57	23°32	23°17	3°59	n.a.	S 12
M13	14 55 4	14°15'28	20° 8	4°39	8°25	21°49	29°46	6°14	28°D15	1°19	13°58	23°28	23°14	4° 6	n.a.	M13
T 14	14 59 1	15°12'36	2♒19	4°20	9°36	22°28	29°54	6° 9	28°15	1°18	13°59	23°26	23°10	4°13	n.a.	T 14
W15	15 2 57	16° 9'44	14°17	4° 4	10°46	23° 8	0♓ 2	6° 5	28°15	1°17	14° 0	23°D26	23° 7	4°19	n.a.	W15
T 16	15 6 54	17° 6'52	26° 7	3°52	11°56	23°47	0°10	6° 1	28°15	1°16	14° 0	23°R26	23° 4	4°26	n.a.	T 16
F 17	15 10 50	18° 3'59	7♓55	3°44	13° 7	24°27	0°18	5°57	28°16	1°15	14° 1	23°25	23° 1	4°33	n.a.	F 17
S 18	15 14 47	19° 1'07	19°46	3°D40	14°17	25° 6	0°25	5°52	28°16	1°14	14° 2	23°23	22°58	4°39	n.a.	S 18
S 19	15 18 43	19°58'14	1♈45	3°41	15°28	25°46	0°33	5°48	28°16	1°13	14° 3	23°19	22°55	4°46	n.a.	S 19
M20	15 22 40	20°55'21	13°57	3°47	16°39	26°25	0°40	5°44	28°16	1°12	14° 3	23°12	22°51	4°53	n.a.	M20
T 21	15 26 36	21°52'28	26°22	3°58	17°49	27° 4	0°47	5°40	28°17	1°10	14° 4	23° 2	22°48	4°59	n.a.	T 21
W22	15 30 33	22°49'35	9♉ 5	4°13	19° 0	27°44	0°54	5°36	28°17	1° 9	14° 5	22°50	22°45	5° 6	n.a.	W22
T 23	15 34 30	23°46'42	22° 4	4°33	20°11	28°23	1° 1	5°32	28°18	1° 8	14° 5	22°38	22°42	5°12	n.a.	T 23
F 24	15 38 26	24°43'49	5♊19	4°57	21°22	29° 2	1° 8	5°28	28°18	1° 7	14° 6	22°25	22°39	5°19	n.a.	F 24
S 25	15 42 23	25°40'56	18°48	5°27	22°33	29°41	1°14	5°24	28°19	1° 6	14° 6	22°14	22°36	5°26	n.a.	S 25
S 26	15 46 19	26°38'03	2♋28	6° 1	23°44	0♊21	1°21	5°20	28°20	1° 4	14° 7	22° 6	22°32	5°32	n.a.	S 26
M27	15 50 16	27°35'09	16°17	6°40	24°55	1° 0	1°27	5°16	28°20	1° 3	14° 7	22° 0	22°29	5°39	n.a.	M27
T 28	15 54 12	28°32'15	0♌14	7°23	26° 6	1°39	1°33	5°12	28°21	1° 2	14° 8	21°56	22°26	5°46	n.a.	T 28
W29	15 58 9	29°29'21	14°15	8°10	27°17	2°18	1°39	5° 8	28°22	1° 0	14° 8	21°55	22°23	5°52	n.a.	W29
T 30	16 2 6	0♊26'27	28°20	9° 3	28°28	2°57	1°45	5° 4	28°23	0°59	14° 9	21°55	22°20	5°59	n.a.	T 30
F 31	16 6 2	1♊23'32	12♍28	9♉59	29♈39	3♊36	1♓50	5♏ 1	28♌24	0♑58	14♓ 9	21♒55	22♒16	6♓ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n37	21n29	1n51	14n40	0s36	3s56	1s51	16n38	0n26	13s29	1s13	11s54	2n19	12n58	0n48	23s18	0n28	22s 3	17s 1	13s29	13s45	9s53		n.a.
T 2	12 57	16 26	0 39	14 16	0 53	3 29	1 52	16 50	0 26	13 26	1 13	11 52	2 18	12 58	0 48	23 18	0 28	22 3	17 1	13 29	13 46	9 50		n.a.
F 3	13 17	10 26	0s37	13 50	1 10	3 2	1 53	17 3	0 27	13 23	1 13	11 51	2 18	12 59	0 48	23 18	0 28	22 3	17 1	13 29	13 47	9 47		n.a.
S 4	13 36	3 50	1 51	13 24	1 27	2 34	1 54	17 15	0 27	13 20	1 14	11 50	2 18	12 59	0 48	23 18	0 28	22 3	17 2	13 29	13 48	9 43		n.a.
S 5	13 55	3s 0	2 59	12 58	1 44	2 7	1 54	17 27	0 28	13 17	1 14	11 48	2 18	12 59	0 48	23 18	0 28	22 2	17 2	13 30	13 49	9 40		n.a.
M 6	14 14	9 41	3 54	12 31	2 0	1 39	1 55	17 39	0 28	13 14	1 14	11 47	2 18	12 59	0 48	23 18	0 28	22 2	17 2	13 33	13 50	9 37		n.a.
T 7	14 33	15 48	4 35	12 6	2 15	1 12	1 56	17 51	0 29	13 11	1 14	11 45	2 18	12 59	0 48	23 18	0 28	22 2	17 3	13 36	13 52	9 34		n.a.
W 8	14 51	20 58	4 57	11 41	2 30	0 44	1 56	18 3	0 29	13 8	1 15	11 44	2 18	12 59	0 48	23 18	0 28	22 2	17 3	13 39	13 53	9 30		n.a.
T 9	15 10	24 52	5 1	11 17	2 44	0 16	1 56	18 14	0 30	13 5	1 15	11 43	2 18	12 59	0 48	23 18	0 28	22 2	17 3	13 43	13 54	9 27		n.a.
F 10	15 28	27 14	4 47	10 54	2 57	0n12	1 57	18 26	0 30	13 2	1 15	11 41	2 18	12 59	0 48	23 18	0 28	22 2	17 3	13 46	13 55	9 24		n.a.
S 11	15 46	27 59	4 19	10 34	3 9	0 40	1 57	18 37	0 31	12 59	1 16	11 40	2 18	12 59	0 48	23 18	0 28	22 2	17 4	13 49	13 56	9 21		n.a.
S 12	16 3	27 10	3 37	10 15	3 20	1 8	1 57	18 48	0 31	12 57	1 16	11 38	2 18	12 59	0 48	23 18	0 28	22 2	17 4	13 52	13 57	9 17		n.a.
M13	16 20	24 59	2 47	9 58	3 30	1 36	1 57	18 59	0 32	12 54	1 16	11 37	2 18	12 59	0 47	23 18	0 28	22 2	17 4	13 53	13 58	9 14		n.a.
T 14	16 37	21 42	1 50	9 43	3 38	2 4	1 57	19 10	0 32	12 51	1 16	11 36	2 18	12 59	0 47	23 18	0 28	22 2	17 5	13 54	13 59	9 11		n.a.
W15	16 54	17 33	0 48	9 31	3 45	2 32	1 56	19 21	0 33	12 49	1 17	11 34	2 18	12 59	0 47	23 18	0 28	22 2	17 5	13 54	14 0	9 8		n.a.
T 16	17 11	12 46	0n14	9 22	3 51	3 0	1 56	19 31	0 33	12 46	1 17	11 33	2 18	12 59	0 47	23 18	0 28	22 2	17 5	13 54	14 1	9 4		n.a.
F 17	17 27	7 33	1 16	9 15	3 55	3 29	1 56	19 42	0 34	12 43	1 17	11 32	2 17	12 59	0 47	23 18	0 28	22 2	17 6	13 54	14 2	9 1		n.a.
S 18	17 43	2 3	2 15	9 11	3 58	3 57	1 55	19 52	0 34	12 41	1 17	11 30	2 17	12 59	0 47	23 18	0 28	22 2	17 6	13 55	14 3	8 58		n.a.
S 19	17 59	3n35	3 8	9 9	4 0	4 25	1 55	20 2	0 35	12 39	1 18	11 29	2 17	12 59	0 47	23 18	0 28	22 2	17 6	13 56	14 4	8 55		n.a.
M20	18 14	9 9	3 54	9 11	4 1	4 53	1 54	20 12	0 35	12 36	1 18	11 28	2 17	12 59	0 47	23 18	0 28	22 2	17 7	13 59	14 5	8 51		n.a.
T 21	18 29	14 29	4 29	9 14	4 1	5 21	1 53	20 21	0 36	12 34	1 18	11 27	2 17	12 58	0 47	23 18	0 28	22 2	17 7	14 2	14 6	8 48		n.a.
W22	18 44	19 19	4 52	9 21	3 59	5 48	1 53	20 31	0 36	12 32	1 19	11 25	2 17	12 58	0 47	23 18	0 28	22 2	17 7	14 6	14 7	8 45		n.a.
T 23	18 59	23 22	5 0	9 30	3 57	6 16	1 52	20 40	0 37	12 29	1 19	11 24	2 17	12 58	0 47	23 18	0 28	22 2	17 8	14 10	14 8	8 42		n.a.
F 24	19 13	26 17	4 53	9 42	3 53	6 44	1 51	20 50	0 37	12 27	1 19	11 23	2 17	12 58	0 47	23 18	0 28	22 2	17 8	14 14	14 9	8 38		n.a.
S 25	19 27	27 46	4 29	9 56	3 49	7 12	1 50	20 59	0 38	12 25	1 19	11 22	2 16	12 57	0 47	23 18	0 28	22 2	17 8	14 17	14 11	8 35		n.a.
S 26	19 40	27 35	3 50	10 12	3 43	7 39	1 49	21 8	0 38	12 23	1 20	11 20	2 16	12 57	0 47	23 18	0 28	22 2	17 9	14 20	14 12	8 32		n.a.
M27	19 54	25 41	2 56	10 31	3 37	8 6	1 48	21 16	0 39	12 21	1 20	11 19	2 16	12 57	0 47	23 18	0 28	22 2	17 9	14 22	14 13	8 29		n.a.
T 28	20 7	22 12	1 52	10 51	3 30	8 34	1 46	21 25	0 39	12 19	1 20	11 18	2 16	12 57	0 47	23 18	0 28	22 2	17 9	14 23	14 14	8 25		n.a.
W29	20 19	17 26	0 41	11 14	3 22	9 1	1 45	21 33	0 40	12 17	1 21	11 17	2 16	12 56	0 47	23 18	0 28	22 2	17 10	14 24	14 15	8 22		n.a.
T 30	20 32	11 41	0s34	11 39	3 14	9 28	1 44	21 42	0 40	12 16	1 21	11 16	2 16	12 56	0 47	23 18	0 28	22 3	17 10	14 24	14 16	8 19		n.a.
F 31	20n44	5n20	1s47	12n 6	3s 5	9n54	1s42	21n50	0n40	12s14	1s21	11s15	2n16	12n56	0n47	23s18	0n28	22s 3	17s10	14s24	14s17	8s16		n.a.

Julian Day Number = 1489244.5, Delta T = 05h16m06s
Ecliptic obliquity = 23°46'26, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'10, Lahiri = -12°44'09 Julian Calendar 1 May 636 BCE == Greg. Calendar 24 Apr. 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

JUNE 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 9 59	2♊20'37	26♍39	11♉ 0	0♉50	4♊15	1♓56	4°R57	28♌25	0°R56	14♓10	21°R53	22♒13	6♓12	n.a.	S 1
S 2	16 13 55	3°17'42	10♎50	12° 5	2° 2	4°54	2° 1	4♏53	28°26	0♑55	14°10	21♒49	22°10	6°19	n.a.	S 2
M 3	16 17 52	4°14'47	24°59	13°15	3°13	5°33	2° 6	4°50	28°27	0°54	14°11	21°43	22° 7	6°26	n.a.	M 3
T 4	16 21 48	5°11'52	9♏ 2	14°28	4°24	6°12	2°11	4°46	28°28	0°52	14°11	21°34	22° 4	6°32	n.a.	T 4
W 5	16 25 45	6° 8'57	22°55	15°46	5°36	6°51	2°16	4°43	28°29	0°51	14°11	21°23	22° 1	6°39	n.a.	W 5
T 6	16 29 41	7° 6'02	6♐33	17° 8	6°47	7°30	2°20	4°39	28°30	0°49	14°12	21°11	21°57	6°46	n.a.	T 6
F 7	16 33 38	8° 3'08	19°55	18°33	7°59	8° 9	2°25	4°36	28°31	0°48	14°12	21° 1	21°54	6°52	n.a.	F 7
S 8	16 37 35	9° 0'14	2♑57	20° 3	9°10	8°48	2°29	4°33	28°33	0°46	14°12	20°51	21°51	6°59	n.a.	S 8
S 9	16 41 31	9°57'21	15°40	21°36	10°22	9°27	2°33	4°30	28°34	0°45	14°13	20°44	21°48	7° 6	n.a.	S 9
M10	16 45 28	10°54'28	28° 5	23°13	11°34	10° 6	2°37	4°27	28°36	0°43	14°13	20°40	21°45	7°12	n.a.	M10
T 11	16 49 24	11°51'36	10♒14	24°54	12°45	10°45	2°41	4°23	28°37	0°42	14°13	20°37	21°42	7°19	n.a.	T 11
W12	16 53 21	12°48'44	22°11	26°38	13°57	11°24	2°44	4°20	28°39	0°40	14°13	20°D37	21°38	7°25	n.a.	W12
T 13	16 57 17	13°45'53	4♓ 1	28°26	15° 9	12° 2	2°47	4°18	28°40	0°39	14°14	20°37	21°35	7°32	n.a.	T 13
F 14	17 1 14	14°43'03	15°50	0♊16	16°21	12°41	2°51	4°15	28°42	0°37	14°14	20°R38	21°32	7°39	n.a.	F 14
S 15	17 5 11	15°40'14	27°43	2°10	17°33	13°20	2°54	4°12	28°43	0°36	14°14	20°37	21°29	7°45	n.a.	S 15
S 16	17 9 7	16°37'26	9♈45	4° 6	18°45	13°59	2°56	4° 9	28°45	0°34	14°14	20°34	21°26	7°52	n.a.	S 16
M17	17 13 4	17°34'39	22° 0	6° 5	19°57	14°37	2°59	4° 7	28°47	0°33	14°14	20°29	21°22	7°59	n.a.	M17
T 18	17 17 0	18°31'52	4♉33	8° 5	21° 9	15°16	3° 1	4° 4	28°49	0°31	14°14	20°22	21°19	8° 5	n.a.	T 18
W19	17 20 57	19°29'07	17°25	10° 8	22°21	15°55	3° 4	4° 2	28°50	0°30	14°14	20°14	21°16	8°12	n.a.	W19
T 20	17 24 53	20°26'22	0♊39	12°12	23°33	16°33	3° 6	3°59	28°52	0°28	14°14	20° 4	21°13	8°19	n.a.	T 20
F 21	17 28 50	21°23'39	14°13	14°17	24°45	17°12	3° 8	3°57	28°54	0°26	14°R14	19°54	21°10	8°25	n.a.	F 21
S 22	17 32 46	22°20'56	28° 4	16°22	25°58	17°51	3° 9	3°55	28°56	0°25	14°14	19°45	21° 7	8°32	n.a.	S 22
S 23	17 36 43	23°18'14	12♋ 9	18°29	27°10	18°29	3°11	3°53	28°58	0°23	14°14	19°39	21° 3	8°39	n.a.	S 23
M24	17 40 40	24°15'33	26°23	20°35	28°22	19° 8	3°12	3°51	29° 0	0°22	14°14	19°34	21° 0	8°45	n.a.	M24
T 25	17 44 36	25°12'53	10♌42	22°42	29°35	19°47	3°13	3°49	29° 3	0°20	14°14	19°32	20°57	8°52	n.a.	T 25
W26	17 48 33	26°10'13	25° 1	24°48	0♊47	20°25	3°14	3°47	29° 5	0°18	14°14	19°D32	20°54	8°59	n.a.	W26
T 27	17 52 29	27° 7'34	9♍17	26°53	2° 0	21° 4	3°15	3°45	29° 7	0°17	14°14	19°33	20°51	9° 5	n.a.	T 27
F 28	17 56 26	28° 4'56	23°29	28°58	3°12	21°42	3°15	3°43	29° 9	0°15	14°14	19°R33	20°48	9°12	n.a.	F 28
S 29	18 0 22	29° 2'18	7♎34	1♋ 2	4°25	22°21	3°15	3°42	29°11	0°13	14°14	19°33	20°44	9°19	n.a.	S 29
S 30	18 4 19	29♊59'41	21♎32	3♋ 5	5♊38	22♊59	3°R15	3♏40	29♌14	0♑12	14♓13	19♒31	20♒41	9♓25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n55	1s17	2s53	12n34	2s55	10n21	1s41	21n58	0n41	12s12	1s22	11s14	2n15	12n55	0n47	23s18	0n28	22s 3	17s11	14s24	14s18	8s12		n.a.
S 2	21 6	7 50	3 48	13 4	2 45	10 47	1 39	22 5	0 41	12 11	1 22	11 13	2 15	12 55	0 47	23 18	0 28	22 3	17 11	14 26	14 19	8 9		n.a.
M 3	21 17	13 58	4 30	13 35	2 34	11 14	1 38	22 13	0 42	12 9	1 22	11 12	2 15	12 54	0 47	23 18	0 28	22 3	17 11	14 28	14 20	8 6		n.a.
T 4	21 28	19 20	4 54	14 8	2 23	11 39	1 36	22 20	0 42	12 8	1 23	11 11	2 15	12 54	0 47	23 18	0 28	22 3	17 12	14 31	14 21	8 2		n.a.
W 5	21 38	23 36	5 1	14 41	2 12	12 5	1 35	22 28	0 43	12 6	1 23	11 10	2 15	12 53	0 47	23 18	0 28	22 3	17 12	14 34	14 22	7 59		n.a.
T 6	21 48	26 29	4 51	15 16	2 0	12 31	1 33	22 35	0 43	12 5	1 23	11 9	2 15	12 53	0 46	23 19	0 28	22 4	17 12	14 38	14 23	7 56		n.a.
F 7	21 57	27 47	4 24	15 52	1 48	12 56	1 31	22 41	0 44	12 3	1 24	11 8	2 14	12 53	0 46	23 19	0 28	22 4	17 13	14 42	14 24	7 53		n.a.
S 8	22 6	27 29	3 45	16 28	1 35	13 21	1 29	22 48	0 44	12 2	1 24	11 7	2 14	12 52	0 46	23 19	0 28	22 4	17 13	14 45	14 25	7 49		n.a.
S 9	22 15	25 44	2 54	17 5	1 23	13 45	1 27	22 55	0 44	12 1	1 24	11 6	2 14	12 51	0 46	23 19	0 28	22 4	17 13	14 47	14 26	7 46		n.a.
M10	22 24	22 45	1 57	17 42	1 10	14 10	1 25	23 1	0 45	12 0	1 25	11 5	2 14	12 51	0 46	23 19	0 28	22 5	17 14	14 48	14 27	7 43		n.a.
T 11	22 32	18 49	0 55	18 19	0 58	14 34	1 23	23 7	0 45	11 59	1 25	11 4	2 14	12 50	0 46	23 19	0 28	22 5	17 14	14 49	14 28	7 39		n.a.
W12	22 39	14 11	0n 8	18 56	0 45	14 58	1 21	23 13	0 46	11 58	1 25	11 3	2 13	12 50	0 46	23 19	0 28	22 5	17 15	14 49	14 29	7 36		n.a.
T 13	22 46	9 4	1 11	19 33	0 33	15 21	1 19	23 19	0 46	11 57	1 25	11 2	2 13	12 49	0 46	23 19	0 28	22 5	17 15	14 49	14 30	7 33		n.a.
F 14	22 53	3 40	2 10	20 9	0 21	15 44	1 17	23 24	0 47	11 56	1 26	11 2	2 13	12 49	0 46	23 19	0 28	22 6	17 15	14 49	14 31	7 30		n.a.
S 15	22 59	1n54	3 4	20 45	0 9	16 7	1 15	23 30	0 47	11 55	1 26	11 1	2 13	12 48	0 46	23 19	0 28	22 6	17 16	14 49	14 32	7 26		n.a.
S 16	23 5	7 27	3 51	21 19	0n 3	16 29	1 12	23 35	0 47	11 55	1 26	11 0	2 13	12 47	0 46	23 19	0 28	22 6	17 16	14 50	14 33	7 23		n.a.
M17	23 11	12 49	4 28	21 52	0 14	16 51	1 10	23 40	0 48	11 54	1 27	11 0	2 12	12 47	0 46	23 19	0 28	22 6	17 16	14 52	14 34	7 20		n.a.
T 18	23 16	17 48	4 53	22 23	0 25	17 12	1 8	23 45	0 48	11 53	1 27	10 59	2 12	12 46	0 46	23 19	0 28	22 7	17 17	14 54	14 36	7 16		n.a.
W19	23 21	22 7	5 4	22 52	0 36	17 34	1 5	23 49	0 49	11 53	1 27	10 58	2 12	12 45	0 46	23 19	0 28	22 7	17 17	14 57	14 37	7 13		n.a.
T 20	23 25	25 27	4 59	23 19	0 45	17 54	1 3	23 54	0 49	11 52	1 28	10 58	2 12	12 45	0 46	23 19	0 28	22 7	17 17	15 0	14 38	7 10		n.a.
F 21	23 29	27 25	4 38	23 44	0 55	18 15	1 1	23 58	0 49	11 52	1 28	10 57	2 12	12 44	0 46	23 19	0 28	22 8	17 18	15 3	14 39	7 7		n.a.
S 22	23 33	27 45	4 0	24 7	1 3	18 34	0 58	24 2	0 50	11 52	1 28	10 57	2 11	12 43	0 46	23 19	0 28	22 8	17 18	15 6	14 40	7 3		n.a.
S 23	23 36	26 18	3 6	24 27	1 11	18 54	0 56	24 6	0 50	11 51	1 29	10 56	2 11	12 42	0 46	23 19	0 28	22 8	17 19	15 8	14 41	7 0		n.a.
M24	23 39	23 9	2 1	24 44	1 18	19 13	0 53	24 10	0 51	11 51	1 29	10 56	2 11	12 42	0 46	23 19	0 28	22 9	17 19	15 9	14 42	6 57		n.a.
T 25	23 41	18 33	0 47	24 58	1 24	19 31	0 51	24 13	0 51	11 51	1 30	10 55	2 11	12 41	0 46	23 19	0 28	22 9	17 19	15 10	14 43	6 53		n.a.
W26	23 43	12 54	0s29	25 10	1 30	19 49	0 48	24 17	0 52	11 51	1 30	10 55	2 10	12 40	0 46	23 19	0 28	22 9	17 20	15 10	14 44	6 50		n.a.
T 27	23 45	6 35	1 44	25 19	1 35	20 6	0 46	24 20	0 52	11 51	1 30	10 54	2 10	12 39	0 46	23 19	0 28	22 10	17 20	15 10	14 45	6 47		n.a.
F 28	23 46	0s 0	2 52	25 25	1 39	20 23	0 43	24 23	0 52	11 51	1 31	10 54	2 10	12 38	0 46	23 19	0 28	22 10	17 20	15 10	14 46	6 43		n.a.
S 29	23 46	6 33	3 49	25 28	1 42	20 39	0 41	24 26	0 53	11 52	1 31	10 54	2 10	12 38	0 46	23 19	0 28	22 10	17 21	15 10	14 47	6 40		n.a.
S 30	23n46	12s42	4s32	25n29	1n45	20n55	0s38	24n28	0n53	11s52	1s31	10s53	2n 9	12n37	0n46	23s19	0n28	22s11	17s21	15s10	14s48	6s37		n.a.

Julian Day Number = 1489275.5, Delta T = 05h16m05s
Ecliptic obliquity = 23°46'26, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'05, Lahiri = -12°44'05 Julian Calendar 1 June 636 BCE == Greg. Calendar 25 May 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

JULY 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 8 15	0♋57'05	5♏21	5♋ 7	6♊50	23♊38	3°R15	3°R39	29♌16	0°R10	14°R13	19°R27	20♒38	9♓32	n.a.	M 1
T 2	18 12 12	1°54'30	19° 0	7° 7	8° 3	24°16	3♓15	3♏38	29°19	0♉ 9	14♓13	19♒21	20°35	9°39	n.a.	T 2
W 3	18 16 9	2°51'56	2♐27	9° 7	9°16	24°54	3°14	3°36	29°21	0° 7	14°13	19°14	20°32	9°45	n.a.	W 3
T 4	18 20 5	3°49'23	15°42	11° 4	10°29	25°33	3°14	3°35	29°24	0° 5	14°13	19° 6	20°28	9°52	n.a.	T 4
F 5	18 24 2	4°46'51	28°42	13° 1	11°41	26°11	3°13	3°34	29°26	0° 4	14°12	18°59	20°25	9°59	n.a.	F 5
S 6	18 27 58	5°44'21	11♉27	14°56	12°54	26°50	3°12	3°33	29°29	0° 2	14°12	18°53	20°22	10° 5	n.a.	S 6
S 7	18 31 55	6°41'51	23°57	16°49	14° 7	27°28	3°11	3°32	29°31	0° 0	14°12	18°48	20°19	10°12	n.a.	S 7
M 8	18 35 51	7°39'23	6♒12	18°41	15°20	28° 6	3° 9	3°32	29°34	29♐59	14°11	18°46	20°16	10°18	n.a.	M 8
T 9	18 39 48	8°36'57	18°16	20°31	16°33	28°45	3° 7	3°31	29°37	29°57	14°11	18°D45	20°13	10°25	n.a.	T 9
W10	18 43 45	9°34'31	0♓11	22°20	17°46	29°23	3° 6	3°30	29°39	29°56	14°11	18°45	20° 9	10°32	n.a.	W10
T 11	18 47 41	10°32'08	12° 0	24° 8	19° 0	0♋ 1	3° 3	3°30	29°42	29°54	14°10	18°47	20° 6	10°38	n.a.	T 11
F 12	18 51 38	11°29'46	23°49	25°54	20°13	0°40	3° 1	3°29	29°45	29°52	14°10	18°48	20° 3	10°45	n.a.	F 12
S 13	18 55 34	12°27'25	5♈42	27°38	21°26	1°18	2°59	3°29	29°48	29°51	14° 9	18°50	20° 0	10°52	n.a.	S 13
S 14	18 59 31	13°25'07	17°43	29°21	22°39	1°56	2°56	3°29	29°51	29°49	14° 9	18°R50	19°57	10°58	n.a.	S 14
M15	19 3 27	14°22'50	29°58	1♌ 3	23°53	2°35	2°53	3°29	29°54	29°48	14° 8	18°49	19°53	11° 5	n.a.	M15
T 16	19 7 24	15°20'35	12♉32	2°43	25° 6	3°13	2°50	3°D29	29°57	29°46	14° 8	18°46	19°50	11°12	n.a.	T 16
W17	19 11 20	16°18'22	25°28	4°22	26°19	3°51	2°47	3°29	29°59	29°45	14° 7	18°42	19°47	11°18	n.a.	W17
T 18	19 15 17	17°16'11	8♊48	5°59	27°33	4°29	2°44	3°29	0♍ 2	29°43	14° 7	18°37	19°44	11°25	n.a.	T 18
F 19	19 19 14	18°14'01	22°32	7°35	28°46	5° 8	2°40	3°29	0° 6	29°42	14° 6	18°33	19°41	11°32	n.a.	F 19
S 20	19 23 10	19°11'53	6♋38	9°10	0♋ 0	5°46	2°36	3°30	0° 9	29°40	14° 6	18°28	19°38	11°38	n.a.	S 20
S 21	19 27 7	20° 9'47	21° 3	10°43	1°14	6°24	2°32	3°30	0°12	29°39	14° 5	18°25	19°34	11°45	n.a.	S 21
M22	19 31 3	21° 7'43	5♌41	12°15	2°27	7° 2	2°28	3°31	0°15	29°37	14° 4	18°23	19°31	11°52	n.a.	M22
T 23	19 35 0	22° 5'40	20°25	13°45	3°41	7°40	2°24	3°32	0°18	29°36	14° 4	18°D23	19°28	11°58	n.a.	T 23
W24	19 38 56	23° 3'39	5♍ 8	15°14	4°55	8°19	2°19	3°32	0°21	29°34	14° 3	18°24	19°25	12° 5	n.a.	W24
T 25	19 42 53	24° 1'39	19°44	16°42	6° 8	8°57	2°15	3°33	0°24	29°33	14° 2	18°25	19°22	12°12	n.a.	T 25
F 26	19 46 49	24°59'40	4♎ 9	18° 8	7°22	9°35	2°10	3°34	0°28	29°31	14° 2	18°26	19°19	12°18	n.a.	F 26
S 27	19 50 46	25°57'43	18°20	19°32	8°36	10°13	2° 5	3°35	0°31	29°30	14° 1	18°27	19°15	12°25	n.a.	S 27
S 28	19 54 43	26°55'48	2♏15	20°56	9°50	10°51	2° 0	3°36	0°34	29°28	14° 0	18°R27	19°12	12°32	n.a.	S 28
M29	19 58 39	27°53'54	15°53	22°17	11° 4	11°29	1°54	3°38	0°38	29°27	14° 0	18°26	19° 9	12°38	n.a.	M29
T 30	20 2 36	28°52'01	29°16	23°37	12°18	12° 7	1°49	3°39	0°41	29°26	13°59	18°25	19° 6	12°45	n.a.	T 30
W31	20 6 32	29♋50'11	12♐23	24♌56	13♋32	12♋46	1♓43	3♏40	0♍44	29♐24	13♓58	18♒22	19♒ 3	12♓52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n46	18s10	4s59	25n27	1n47	21n11	0s35	24n30	0n53	11s52	1s32	10s53	2n 9	12n36	0n46	23s19	0n28	22s11	17s21	15s12	14s49	6s34		n.a.
T 2	23 46	22 38	5 8	25 23	1 48	21 25	0 33	24 33	0 54	11 53	1 32	10 53	2 9	12 35	0 45	23 19	0 28	22 12	17 22	15 13	14 50	6 30		n.a.
W 3	23 45	25 50	5 0	25 16	1 49	21 39	0 30	24 35	0 54	11 53	1 32	10 53	2 9	12 34	0 45	23 19	0 27	22 12	17 22	15 16	14 51	6 27		n.a.
T 4	23 43	27 34	4 36	25 7	1 49	21 53	0 27	24 36	0 55	11 54	1 33	10 52	2 8	12 33	0 45	23 19	0 27	22 12	17 22	15 18	14 52	6 24		n.a.
F 5	23 41	27 44	3 58	24 56	1 48	22 6	0 25	24 38	0 55	11 54	1 33	10 52	2 8	12 32	0 45	23 19	0 27	22 13	17 23	15 20	14 53	6 20		n.a.
S 6	23 39	26 24	3 8	24 42	1 47	22 18	0 22	24 39	0 55	11 55	1 33	10 52	2 8	12 31	0 45	23 19	0 27	22 13	17 23	15 22	14 54	6 17		n.a.
S 7	23 36	23 46	2 11	24 27	1 46	22 30	0 19	24 41	0 56	11 56	1 34	10 52	2 8	12 30	0 45	23 19	0 27	22 14	17 23	15 24	14 55	6 14		n.a.
M 8	23 33	20 4	1 8	24 9	1 43	22 41	0 17	24 42	0 56	11 57	1 34	10 52	2 7	12 29	0 45	23 19	0 27	22 14	17 24	15 25	14 56	6 10		n.a.
T 9	23 29	15 36	0 3	23 50	1 41	22 51	0 14	24 43	0 56	11 58	1 34	10 52	2 7	12 28	0 45	23 19	0 27	22 15	17 24	15 25	14 57	6 7		n.a.
W10	23 25	10 36	1n 2	23 30	1 37	23 1	0 11	24 43	0 57	11 59	1 34	10 52	2 7	12 27	0 45	23 19	0 27	22 15	17 25	15 25	14 58	6 4		n.a.
T 11	23 21	5 15	2 3	23 7	1 34	23 10	0 9	24 44	0 57	12 0	1 35	10 52	2 7	12 26	0 45	23 19	0 27	22 16	17 25	15 24	14 59	6 0		n.a.
F 12	23 16	0n15	3 0	22 44	1 30	23 18	0 6	24 44	0 58	12 1	1 35	10 52	2 7	12 25	0 45	23 19	0 27	22 16	17 25	15 24	15 0	5 57		n.a.
S 13	23 11	5 47	3 48	22 19	1 25	23 26	0 3	24 44	0 58	12 2	1 35	10 53	2 6	12 24	0 45	23 19	0 27	22 17	17 25	15 23	15 1	5 54		n.a.
S 14	23 5	11 10	4 28	21 53	1 20	23 33	0 1	24 44	0 58	12 3	1 36	10 53	2 6	12 23	0 45	23 19	0 27	22 17	17 26	15 23	15 2	5 51		n.a.
M15	22 59	16 13	4 56	21 25	1 15	23 40	0n 2	24 44	0 59	12 5	1 36	10 53	2 6	12 22	0 45	23 19	0 27	22 18	17 26	15 24	15 3	5 47		n.a.
T 16	22 53	20 44	5 11	20 57	1 10	23 45	0 4	24 43	0 59	12 6	1 36	10 53	2 5	12 21	0 45	23 19	0 27	22 18	17 26	15 25	15 4	5 44		n.a.
W17	22 46	24 24	5 10	20 28	1 4	23 50	0 7	24 42	0 59	12 7	1 37	10 53	2 5	12 20	0 45	23 19	0 27	22 18	17 27	15 26	15 5	5 41		n.a.
T 18	22 38	26 54	4 53	19 58	0 57	23 55	0 10	24 41	1 0	12 9	1 37	10 54	2 5	12 19	0 45	23 19	0 27	22 19	17 27	15 27	15 6	5 37		n.a.
F 19	22 31	27 53	4 20	19 27	0 51	23 58	0 12	24 40	1 0	12 11	1 37	10 54	2 5	12 18	0 45	23 19	0 27	22 19	17 27	15 29	15 7	5 34		n.a.
S 20	22 23	27 5	3 29	18 55	0 44	24 1	0 15	24 39	1 0	12 12	1 38	10 54	2 4	12 17	0 45	23 19	0 27	22 20	17 28	15 30	15 8	5 31		n.a.
S 21	22 14	24 29	2 24	18 23	0 37	24 3	0 17	24 38	1 1	12 14	1 38	10 55	2 4	12 15	0 45	23 19	0 27	22 21	17 28	15 31	15 9	5 27		n.a.
M22	22 5	20 14	1 9	17 50	0 30	24 5	0 20	24 36	1 1	12 16	1 38	10 55	2 4	12 14	0 45	23 19	0 27	22 21	17 28	15 32	15 10	5 24		n.a.
T 23	21 56	14 43	0s11	17 17	0 22	24 5	0 22	24 34	1 1	12 18	1 38	10 56	2 4	12 13	0 45	23 19	0 27	22 22	17 29	15 32	15 11	5 21		n.a.
W24	21 46	8 21	1 31	16 43	0 15	24 5	0 24	24 32	1 2	12 20	1 39	10 56	2 3	12 12	0 45	23 19	0 27	22 22	17 29	15 32	15 12	5 17		n.a.
T 25	21 36	1 37	2 44	16 9	0 7	24 5	0 27	24 30	1 2	12 21	1 39	10 57	2 3	12 11	0 45	23 19	0 27	22 23	17 29	15 31	15 13	5 14		n.a.
F 26	21 26	5s 7	3 46	15 35	0s 1	24 3	0 29	24 28	1 2	12 23	1 39	10 57	2 3	12 10	0 45	23 19	0 27	22 23	17 29	15 31	15 14	5 11		n.a.
S 27	21 15	11 29	4 33	15 1	0 10	24 1	0 32	24 25	1 3	12 26	1 40	10 58	2 3	12 8	0 45	23 19	0 27	22 24	17 30	15 30	15 15	5 7		n.a.
S 28	21 4	17 9	5 3	14 26	0 18	23 58	0 34	24 22	1 3	12 28	1 40	10 59	2 2	12 7	0 45	23 19	0 27	22 24	17 30	15 30	15 16	5 4		n.a.
M29	20 52	21 50	5 15	13 51	0 27	23 54	0 36	24 19	1 3	12 30	1 40	10 59	2 2	12 6	0 45	23 19	0 27	22 25	17 30	15 31	15 17	5 1		n.a.
T 30	20 40	25 18	5 10	13 17	0 35	23 50	0 38	24 16	1 4	12 32	1 40	11 0	2 2	12 5	0 45	23 19	0 27	22 25	17 31	15 31	15 18	4 58		n.a.
W31	20n28	27s21	4s48	12n42	0s44	23n45	0n41	24n13	1n 4	12s34	1s41	11s 1	2n 2	12n 4	0n45	23s19	0n27	22s26	17s31	15s32	15s19	4s54		n.a.

Julian Day Number = 1489305.5, Delta T = 05h16m03s
Ecliptic obliquity = 23°46'25, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°51'01, Lahiri = -12°44'01 Julian Calendar 1 July 636 BCE == Greg. Calendar 24 June 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

AUGUST 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 10 29	0♌48'21	25♐15	26♌13	14♋46	13♋24	1°R38	3♏42	0♍48	29°R23	13°R57	18°R20	19♒ 0	12♓58	n.a.	T 1
F 2	20 14 25	1°46'34	7♑54	27°28	16° 0	14° 2	1♓32	3°44	0°51	29♐22	13♓57	18♒17	18°56	13° 5	n.a.	F 2
S 3	20 18 22	2°44'49	20°21	28°41	17°14	14°40	1°26	3°45	0°55	29°20	13°56	18°15	18°53	13°12	n.a.	S 3
S 4	20 22 18	3°43'05	2♒36	29°53	18°28	15°18	1°19	3°47	0°58	29°19	13°55	18°14	18°50	13°18	n.a.	S 4
M 5	20 26 15	4°41'23	14°41	1♍ 3	19°43	15°56	1°13	3°49	1° 2	29°18	13°54	18°D13	18°47	13°25	n.a.	M 5
T 6	20 30 12	5°39'43	26°38	2°10	20°57	16°34	1° 7	3°51	1° 5	29°17	13°53	18°13	18°44	13°32	n.a.	T 6
W 7	20 34 8	6°38'05	8♓29	3°16	22°11	17°12	1° 0	3°53	1° 9	29°15	13°52	18°14	18°40	13°38	n.a.	W 7
T 8	20 38 5	7°36'29	20°17	4°19	23°25	17°50	0°53	3°55	1°12	29°14	13°51	18°15	18°37	13°45	n.a.	T 8
F 9	20 42 1	8°34'56	2♈ 6	5°20	24°40	18°28	0°46	3°57	1°16	29°13	13°50	18°16	18°34	13°52	n.a.	F 9
S 10	20 45 58	9°33'24	13°59	6°18	25°54	19° 6	0°39	4° 0	1°19	29°12	13°50	18°17	18°31	13°58	n.a.	S 10
S 11	20 49 54	10°31'55	25°59	7°13	27° 8	19°44	0°32	4° 2	1°23	29°11	13°49	18°17	18°28	14° 5	n.a.	S 11
M12	20 53 51	11°30'28	8♉13	8° 6	28°23	20°22	0°25	4° 5	1°26	29°10	13°48	18°R18	18°25	14°12	n.a.	M12
T 13	20 57 47	12°29'04	20°43	8°55	29°37	21° 0	0°18	4° 7	1°30	29° 8	13°47	18°18	18°21	14°18	n.a.	T 13
W14	21 1 44	13°27'42	3♊35	9°41	0♌52	21°38	0°11	4°10	1°34	29° 7	13°46	18°17	18°18	14°25	n.a.	W14
T 15	21 5 40	14°26'22	16°52	10°24	2° 7	22°16	0° 3	4°13	1°37	29° 6	13°45	18°17	18°15	14°32	n.a.	T 15
F 16	21 9 37	15°25'05	0♋35	11° 2	3°21	22°54	29♒56	4°16	1°41	29° 5	13°44	18°17	18°12	14°38	n.a.	F 16
S 17	21 13 34	16°23'49	14°44	11°37	4°36	23°32	29°48	4°19	1°45	29° 4	13°43	18°16	18° 9	14°45	n.a.	S 17
S 18	21 17 30	17°22'37	29°17	12° 7	5°51	24°10	29°40	4°22	1°48	29° 3	13°42	18°16	18° 5	14°51	n.a.	S 18
M19	21 21 27	18°21'26	14♌ 8	12°32	7° 5	24°48	29°33	4°25	1°52	29° 3	13°41	18°16	18° 2	14°58	n.a.	M19
T 20	21 25 23	19°20'18	29°11	12°51	8°20	25°26	29°25	4°28	1°56	29° 2	13°40	18°16	17°59	15° 5	n.a.	T 20
W21	21 29 20	20°19'11	14♍16	13° 6	9°35	26° 4	29°17	4°32	2° 0	29° 1	13°39	18°16	17°56	15°11	n.a.	W21
T 22	21 33 16	21°18'06	29°15	13°14	10°50	26°42	29° 9	4°35	2° 3	29° 0	13°38	18°16	17°53	15°18	n.a.	T 22
F 23	21 37 13	22°17'04	14♎ 0	13°R15	12° 4	27°20	29° 1	4°39	2° 7	28°59	13°37	18°16	17°50	15°25	n.a.	F 23
S 24	21 41 9	23°16'03	28°25	13°10	13°19	27°57	28°53	4°42	2°11	28°58	13°35	18°15	17°46	15°31	n.a.	S 24
S 25	21 45 6	24°15'04	12♏27	12°58	14°34	28°35	28°45	4°46	2°15	28°58	13°34	18°15	17°43	15°38	n.a.	S 25
M26	21 49 3	25°14'07	26° 6	12°38	15°49	29°13	28°37	4°50	2°18	28°57	13°33	18°D15	17°40	15°45	n.a.	M26
T 27	21 52 59	26°13'12	9♐22	12°11	17° 4	29°51	28°29	4°53	2°22	28°56	13°32	18°15	17°37	15°51	n.a.	T 27
W28	21 56 56	27°12'19	22°18	11°36	18°19	0♌29	28°21	4°57	2°26	28°55	13°31	18°15	17°34	15°58	n.a.	W28
T 29	22 0 52	28°11'28	4♑55	10°53	19°34	1° 7	28°13	5° 1	2°30	28°55	13°30	18°16	17°31	16° 5	n.a.	T 29
F 30	22 4 49	29°10'39	17°18	10° 4	20°49	1°45	28° 5	5° 5	2°34	28°54	13°29	18°17	17°27	16°11	n.a.	F 30
S 31	22 8 45	0♍ 9'51	29♑29	9♍ 8	22♌ 4	2♌23	27♒57	5♏ 9	2♍37	28♐54	13♓28	18♒18	17♒24	16♓18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n15	27s54	4s12	12n 8	0s53	23n39	0n43	24n 9	1n 4	12s37	1s41	11s 1	2n 1	12n 2	0n45	23s19	0n27	22s26	17s31	15s33	15s20	4s51			n.a.
F 2	20 2	26 57	3 25	11 33	1 2	23 33	0 45	24 6	1 5	12 39	1 41	11 2	2 1	12 1	0 45	23 19	0 27	22 27	17 31	15 34	15 21	4 48			n.a.
S 3	19 49	24 39	2 28	10 59	1 11	23 25	0 47	24 2	1 5	12 41	1 41	11 3	2 1	12 0	0 45	23 19	0 27	22 27	17 32	15 34	15 22	4 44			n.a.
S 4	19 35	21 14	1 25	10 25	1 20	23 17	0 49	23 58	1 5	12 44	1 42	11 4	2 1	11 59	0 45	23 19	0 27	22 28	17 32	15 35	15 23	4 41			n.a.
M 5	19 21	16 58	0 20	9 52	1 29	23 9	0 51	23 54	1 6	12 46	1 42	11 5	2 0	11 57	0 45	23 19	0 27	22 29	17 32	15 35	15 24	4 38			n.a.
T 6	19 7	12 5	0n46	9 19	1 38	22 59	0 53	23 49	1 6	12 49	1 42	11 6	2 0	11 56	0 45	23 19	0 27	22 29	17 32	15 35	15 25	4 34			n.a.
W 7	18 52	6 48	1 50	8 47	1 47	22 49	0 55	23 45	1 6	12 52	1 42	11 7	2 0	11 55	0 45	23 19	0 27	22 30	17 32	15 35	15 26	4 31			n.a.
T 8	18 37	1 19	2 49	8 16	1 56	22 38	0 57	23 40	1 7	12 54	1 42	11 8	2 0	11 53	0 45	23 19	0 27	22 30	17 33	15 34	15 27	4 28			n.a.
F 9	18 22	4n12	3 40	7 45	2 5	22 27	0 58	23 35	1 7	12 57	1 43	11 9	1 59	11 52	0 45	23 19	0 27	22 31	17 33	15 34	15 28	4 24			n.a.
S 10	18 6	9 36	4 23	7 15	2 14	22 15	1 0	23 30	1 7	13 0	1 43	11 10	1 59	11 51	0 45	23 19	0 27	22 31	17 33	15 34	15 29	4 21			n.a.
S 11	17 51	14 43	4 54	6 46	2 23	22 2	1 2	23 25	1 8	13 2	1 43	11 11	1 59	11 49	0 44	23 20	0 27	22 32	17 33	15 33	15 30	4 18			n.a.
M12	17 34	19 21	5 13	6 18	2 32	21 49	1 4	23 19	1 8	13 5	1 43	11 12	1 59	11 48	0 44	23 20	0 27	22 32	17 34	15 33	15 31	4 14			n.a.
T 13	17 18	23 16	5 17	5 52	2 40	21 34	1 5	23 14	1 8	13 8	1 43	11 13	1 59	11 47	0 44	23 20	0 27	22 33	17 34	15 33	15 32	4 11			n.a.
W14	17 1	26 10	5 6	5 27	2 49	21 20	1 7	23 8	1 9	13 11	1 43	11 14	1 58	11 46	0 44	23 20	0 27	22 34	17 34	15 34	15 33	4 8			n.a.
T 15	16 44	27 44	4 39	5 3	2 57	21 4	1 8	23 2	1 9	13 13	1 44	11 15	1 58	11 44	0 44	23 20	0 27	22 34	17 34	15 34	15 34	4 4			n.a.
F 16	16 26	27 42	3 55	4 41	3 4	20 48	1 10	22 56	1 9	13 16	1 44	11 16	1 58	11 43	0 44	23 20	0 27	22 35	17 34	15 34	15 35	4 1			n.a.
S 17	16 9	25 52	2 56	4 21	3 12	20 32	1 11	22 50	1 9	13 19	1 44	11 18	1 58	11 41	0 44	23 20	0 27	22 35	17 34	15 34	15 36	3 58			n.a.
S 18	15 51	22 17	1 44	4 3	3 19	20 14	1 12	22 43	1 10	13 22	1 44	11 19	1 57	11 40	0 44	23 20	0 27	22 36	17 35	15 34	15 37	3 54			n.a.
M19	15 32	17 11	0 23	3 48	3 25	19 57	1 13	22 37	1 10	13 25	1 44	11 20	1 57	11 39	0 44	23 20	0 27	22 36	17 35	15 34	15 38	3 51			n.a.
T 20	15 14	10 59	1s 0	3 35	3 31	19 38	1 15	22 30	1 10	13 28	1 44	11 21	1 57	11 37	0 44	23 20	0 27	22 37	17 35	15 34	15 39	3 48			n.a.
W21	14 55	4 8	2 20	3 24	3 36	19 19	1 16	22 23	1 11	13 31	1 44	11 23	1 57	11 36	0 44	23 20	0 27	22 38	17 35	15 34	15 40	3 44			n.a.
T 22	14 36	2s53	3 29	3 17	3 41	19 0	1 17	22 16	1 11	13 33	1 45	11 24	1 56	11 35	0 44	23 20	0 27	22 38	17 35	15 34	15 41	3 41			n.a.
F 23	14 17	9 37	4 23	3 13	3 44	18 39	1 18	22 9	1 11	13 36	1 45	11 26	1 56	11 33	0 44	23 20	0 26	22 39	17 35	15 34	15 42	3 38			n.a.
S 24	13 57	15 42	4 59	3 13	3 47	18 19	1 19	22 2	1 11	13 39	1 45	11 27	1 56	11 32	0 44	23 20	0 26	22 39	17 36	15 34	15 43	3 34			n.a.
S 25	13 37	20 47	5 16	3 16	3 48	17 58	1 20	21 54	1 12	13 42	1 45	11 28	1 56	11 31	0 44	23 20	0 26	22 40	17 36	15 34	15 44	3 31			n.a.
M26	13 17	24 38	5 15	3 24	3 48	17 36	1 21	21 46	1 12	13 45	1 45	11 30	1 56	11 29	0 44	23 20	0 26	22 40	17 36	15 34	15 45	3 28			n.a.
T 27	12 57	27 3	4 56	3 36	3 47	17 14	1 21	21 39	1 12	13 48	1 45	11 31	1 55	11 28	0 44	23 20	0 26	22 41	17 36	15 34	15 46	3 24			n.a.
W28	12 37	27 56	4 23	3 52	3 44	16 51	1 22	21 31	1 13	13 51	1 45	11 33	1 55	11 26	0 44	23 20	0 26	22 41	17 36	15 34	15 47	3 21			n.a.
T 29	12 16	27 19	3 38	4 13	3 39	16 28	1 23	21 22	1 13	13 54	1 45	11 34	1 55	11 25	0 44	23 20	0 26	22 42	17 36	15 34	15 48	3 18			n.a.
F 30	11 55	25 20	2 44	4 38	3 32	16 4	1 23	21 14	1 13	13 57	1 45	11 36	1 55	11 24	0 44	23 20	0 26	22 42	17 36	15 34	15 49	3 15			n.a.
S 31	11n34	22s13	1s43	5n 7	3s24	15n40	1n24	21n 6	1n13	14s 0	1s45	11s38	1n54	11n22	0n44	23s20	0n26	22s43	17s36	15s33	15s50	3s11			n.a.

Julian Day Number = 1489336.5, Delta T = 05h16m02s
Ecliptic obliquity = 23°46'25, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'57, Lahiri = -12°43'57 Julian Calendar 1 Aug. 636 BCE == Greg. Calendar 25 July 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

SEPTEMBER 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 12 42	1♍ 9'06	11♒32	8°R 6	23♌19	3♌ 0	27°R49	5♏14	2♍41	28°R53	13°R27	18♒19	17♒21	16♓25	n.a.	S 1
M 2	22 16 38	2° 8'22	23°27	6♍59	24°34	3°38	27♒41	5°18	2°45	28♐53	13♓26	18°R19	17°18	16°31	n.a.	M 2
T 3	22 20 35	3° 7'41	5♓18	5°50	25°49	4°16	27°33	5°22	2°49	28°52	13°24	18°18	17°15	16°38	n.a.	T 3
W 4	22 24 32	4° 7'02	17° 8	4°39	27° 4	4°54	27°25	5°27	2°53	28°52	13°23	18°17	17°11	16°45	n.a.	W 4
T 5	22 28 28	5° 6'25	28°56	3°29	28°19	5°32	27°17	5°31	2°56	28°51	13°22	18°14	17° 8	16°51	n.a.	T 5
F 6	22 32 25	6° 5'51	10♈47	2°21	29°34	6°10	27° 9	5°36	3° 0	28°51	13°21	18°12	17° 5	16°58	n.a.	F 6
S 7	22 36 21	7° 5'18	22°43	1°18	0♍50	6°47	27° 1	5°40	3° 4	28°50	13°20	18° 9	17° 2	17° 5	n.a.	S 7
S 8	22 40 18	8° 4'48	4♉46	0°21	2° 5	7°25	26°54	5°45	3° 8	28°50	13°19	18° 6	16°59	17°11	n.a.	S 8
M 9	22 44 14	9° 4'21	17° 0	29♌31	3°20	8° 3	26°46	5°50	3°12	28°50	13°17	18° 3	16°56	17°18	n.a.	M 9
T 10	22 48 11	10° 3'56	29°28	28°51	4°35	8°41	26°38	5°55	3°15	28°49	13°16	18° 2	16°52	17°25	n.a.	T 10
W11	22 52 7	11° 3'33	12♊15	28°21	5°51	9°19	26°31	6° 0	3°19	28°49	13°15	18°D 2	16°49	17°31	n.a.	W11
T 12	22 56 4	12° 3'13	25°23	28° 2	7° 6	9°56	26°23	6° 5	3°23	28°49	13°14	18° 2	16°46	17°38	n.a.	T 12
F 13	23 0 0	13° 2'55	8♋56	27°D55	8°21	10°34	26°16	6°10	3°27	28°49	13°13	18° 3	16°43	17°45	n.a.	F 13
S 14	23 3 57	14° 2'40	22°56	27°58	9°36	11°12	26° 8	6°15	3°30	28°49	13°12	18° 5	16°40	17°51	n.a.	S 14
S 15	23 7 54	15° 2'27	7♌22	28°12	10°52	11°50	26° 1	6°20	3°34	28°49	13°11	18° 6	16°37	17°58	n.a.	S 15
M16	23 11 50	16° 2'16	22°11	28°36	12° 7	12°28	25°54	6°25	3°38	28°49	13° 9	18°R 6	16°33	18° 5	n.a.	M16
T 17	23 15 47	17° 2'08	7♍17	29°10	13°22	13° 5	25°47	6°30	3°42	28°49	13° 8	18° 5	16°30	18°11	n.a.	T 17
W18	23 19 43	18° 2'01	22°32	29°53	14°38	13°43	25°40	6°36	3°45	28°D49	13° 7	18° 3	16°27	18°18	n.a.	W18
T 19	23 23 40	19° 1'57	7♎46	0♍44	15°53	14°21	25°33	6°41	3°49	28°49	13° 6	17°59	16°24	18°25	n.a.	T 19
F 20	23 27 36	20° 1'54	22°48	1°43	17° 9	14°58	25°27	6°47	3°53	28°49	13° 5	17°54	16°21	18°31	n.a.	F 20
S 21	23 31 33	21° 1'54	7♏29	2°47	18°24	15°36	25°20	6°52	3°56	28°49	13° 4	17°49	16°17	18°38	n.a.	S 21
S 22	23 35 29	22° 1'55	21°45	3°58	19°39	16°14	25°14	6°58	4° 0	28°49	13° 2	17°45	16°14	18°45	n.a.	S 22
M23	23 39 26	23° 1'58	5♐32	5°13	20°55	16°52	25° 8	7° 3	4° 4	28°49	13° 1	17°42	16°11	18°51	n.a.	M23
T 24	23 43 23	24° 2'03	18°51	6°33	22°10	17°29	25° 1	7° 9	4° 7	28°49	13° 0	17°D41	16° 8	18°58	n.a.	T 24
W25	23 47 19	25° 2'09	1♑45	7°56	23°26	18° 7	24°55	7°15	4°11	28°49	12°59	17°41	16° 5	19° 5	n.a.	W25
T 26	23 51 16	26° 2'17	14°17	9°22	24°41	18°45	24°50	7°21	4°15	28°50	12°58	17°42	16° 2	19°11	n.a.	T 26
F 27	23 55 12	27° 2'27	26°32	10°51	25°57	19°22	24°44	7°27	4°18	28°50	12°57	17°44	15°58	19°18	n.a.	F 27
S 28	23 59 9	28° 2'39	8♒34	12°22	27°12	20° 0	24°38	7°33	4°22	28°50	12°56	17°45	15°55	19°25	n.a.	S 28
S 29	0 3 5	29° 2'52	20°28	13°54	28°27	20°38	24°33	7°38	4°25	28°51	12°55	17°R46	15°52	19°31	n.a.	S 29
M30	0 7 2	0♎ 3'07	2♓18	15♍28	29♍43	21♌15	24♒28	7♏44	4♍29	28♐51	12♓53	17♒44	15♒49	19♓38	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n13	18s10	0s38	5n40	3s13	15n15	1n24	20n57	1n14	14s 2	1s45	11s39	1n54	11n21	0n44	23s20	0n26	22s43	17s36	15s33	15s51	3s 8		n.a.
M 2	10 52	13 27	0n28	6 17	3 1	14 50	1 25	20 48	1 14	14 5	1 45	11 41	1 54	11 19	0 44	23 20	0 26	22 44	17 36	15 33	15 52	3 5		n.a.
T 3	10 30	8 16	1 33	6 56	2 46	14 25	1 25	20 40	1 14	14 8	1 45	11 43	1 54	11 18	0 44	23 20	0 26	22 44	17 37	15 33	15 53	3 1		n.a.
W 4	10 8	2 49	2 33	7 37	2 30	13 59	1 25	20 31	1 15	14 11	1 45	11 44	1 54	11 17	0 44	23 20	0 26	22 45	17 37	15 34	15 54	2 58		n.a.
T 5	9 46	2n43	3 26	8 19	2 12	13 33	1 25	20 22	1 15	14 14	1 45	11 46	1 53	11 15	0 44	23 20	0 26	22 46	17 37	15 34	15 55	2 55		n.a.
F 6	9 24	8 10	4 11	9 2	1 53	13 7	1 25	20 12	1 15	14 16	1 45	11 48	1 53	11 14	0 44	23 20	0 26	22 46	17 37	15 35	15 56	2 51		n.a.
S 7	9 2	13 21	4 45	9 43	1 33	12 40	1 25	20 3	1 15	14 19	1 45	11 49	1 53	11 13	0 44	23 20	0 26	22 47	17 37	15 36	15 57	2 48		n.a.
S 8	8 39	18 5	5 7	10 22	1 13	12 12	1 25	19 53	1 16	14 22	1 45	11 51	1 53	11 11	0 44	23 20	0 26	22 47	17 37	15 37	15 58	2 45		n.a.
M 9	8 17	22 10	5 15	10 59	0 53	11 45	1 25	19 44	1 16	14 24	1 45	11 53	1 53	11 10	0 44	23 20	0 26	22 47	17 37	15 38	15 59	2 41		n.a.
T 10	7 54	25 20	5 9	11 32	0 33	11 17	1 25	19 34	1 16	14 27	1 45	11 55	1 52	11 8	0 44	23 20	0 26	22 48	17 37	15 38	16 0	2 38		n.a.
W11	7 31	27 19	4 47	12 0	0 13	10 49	1 25	19 24	1 16	14 29	1 45	11 57	1 52	11 7	0 44	23 20	0 26	22 48	17 37	15 38	16 1	2 35		n.a.
T 12	7 8	27 52	4 11	12 24	0n 5	10 20	1 25	19 14	1 17	14 32	1 45	11 58	1 52	11 6	0 44	23 20	0 26	22 49	17 37	15 38	16 2	2 31		n.a.
F 13	6 45	26 47	3 19	12 43	0 23	9 51	1 24	19 4	1 17	14 34	1 45	12 0	1 52	11 4	0 44	23 20	0 26	22 49	17 37	15 38	16 3	2 28		n.a.
S 14	6 22	24 0	2 14	12 57	0 39	9 22	1 24	18 53	1 17	14 37	1 45	12 2	1 52	11 3	0 44	23 20	0 26	22 50	17 37	15 37	16 4	2 25		n.a.
S 15	5 58	19 38	0 59	13 6	0 54	8 53	1 23	18 43	1 17	14 39	1 44	12 4	1 51	11 2	0 44	23 20	0 26	22 50	17 37	15 37	16 5	2 21		n.a.
M16	5 35	13 58	0s22	13 10	1 7	8 23	1 23	18 32	1 18	14 42	1 44	12 6	1 51	11 0	0 44	23 20	0 26	22 51	17 37	15 37	16 6	2 18		n.a.
T 17	5 11	7 21	1 43	13 9	1 19	7 53	1 22	18 22	1 18	14 44	1 44	12 8	1 51	10 59	0 44	23 20	0 26	22 51	17 37	15 37	16 7	2 15		n.a.
W18	4 48	0 17	2 58	13 3	1 29	7 23	1 22	18 11	1 18	14 46	1 44	12 10	1 51	10 57	0 44	23 20	0 26	22 52	17 37	15 38	16 8	2 11		n.a.
T 19	4 24	6s46	3 59	12 53	1 38	6 53	1 21	18 0	1 18	14 49	1 44	12 12	1 51	10 56	0 44	23 20	0 26	22 52	17 37	15 39	16 9	2 8		n.a.
F 20	4 0	13 21	4 43	12 39	1 45	6 22	1 20	17 49	1 18	14 51	1 44	12 14	1 51	10 55	0 44	23 20	0 26	22 52	17 37	15 41	16 9	2 5		n.a.
S 21	3 36	19 2	5 7	12 21	1 51	5 52	1 19	17 38	1 19	14 53	1 44	12 16	1 50	10 53	0 44	23 20	0 26	22 53	17 37	15 42	16 10	2 1		n.a.
S 22	3 12	23 27	5 11	11 59	1 56	5 21	1 18	17 27	1 19	14 55	1 44	12 18	1 50	10 52	0 44	23 20	0 26	22 53	17 37	15 44	16 11	1 58		n.a.
M23	2 48	26 24	4 57	11 35	2 0	4 50	1 17	17 15	1 19	14 57	1 43	12 20	1 50	10 51	0 44	23 20	0 26	22 54	17 36	15 44	16 12	1 55		n.a.
T 24	2 24	27 44	4 27	11 7	2 2	4 19	1 16	17 4	1 19	14 59	1 43	12 22	1 50	10 49	0 44	23 20	0 26	22 54	17 36	15 45	16 13	1 51		n.a.
W25	2 0	27 30	3 45	10 37	2 4	3 48	1 15	16 52	1 20	15 1	1 43	12 24	1 50	10 48	0 45	23 21	0 26	22 54	17 36	15 45	16 14	1 48		n.a.
T 26	1 36	25 51	2 52	10 5	2 5	3 16	1 14	16 41	1 20	15 2	1 43	12 26	1 50	10 47	0 45	23 21	0 26	22 55	17 36	15 45	16 15	1 45		n.a.
F 27	1 12	22 59	1 53	9 31	2 5	2 45	1 13	16 29	1 20	15 4	1 43	12 28	1 49	10 45	0 45	23 21	0 26	22 55	17 36	15 44	16 16	1 42		n.a.
S 28	0 47	19 10	0 50	8 55	2 4	2 13	1 12	16 17	1 20	15 6	1 43	12 30	1 49	10 44	0 45	23 21	0 26	22 56	17 36	15 44	16 17	1 38		n.a.
S 29	0 23	14 38	0n15	8 18	2 2	1 42	1 10	16 5	1 21	15 8	1 42	12 32	1 49	10 43	0 45	23 21	0 26	22 56	17 36	15 43	16 18	1 35		n.a.
M30	0s 1	9s35	1n18	7n39	2n 0	1n10	1n 9	15n53	1n21	15s 9	1s42	12s34	1n49	10n41	0n45	23s21	0n25	22s56	17s36	15s44	16s19	1s32		n.a.

Julian Day Number = 1489367.5, Delta T = 05h16m01s
Ecliptic obliquity = 23°46'26, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'53, Lahiri = -12°43'52 Julian Calendar 1 Sept. 636 BCE == Greg. Calendar 25 Aug. 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

OCTOBER 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 10 58	1♎ 3'23	14♓ 6	17♍ 3	0♎58	21♌53	24°R23	7♏51	4♍32	28♐52	12°R52	17°R41	15♒46	19♓45	n.a.	T 1
W 2	0 14 55	2° 3'42	25°55	18°39	2°14	22°31	24♒18	7°57	4°36	28°52	12♓51	17♒35	15°42	19°51	n.a.	W 2
T 3	0 18 51	3° 4'02	7♈48	20°15	3°29	23° 8	24°13	8° 3	4°39	28°53	12°50	17°28	15°39	19°58	n.a.	T 3
F 4	0 22 48	4° 4'24	19°45	21°52	4°45	23°46	24° 9	8° 9	4°43	28°53	12°49	17°19	15°36	20° 5	n.a.	F 4
S 5	0 26 45	5° 4'48	1♉49	23°29	6° 0	24°23	24° 5	8°15	4°46	28°54	12°48	17°10	15°33	20°11	n.a.	S 5
S 6	0 30 41	6° 5'14	14° 0	25° 7	7°16	25° 1	24° 0	8°21	4°50	28°54	12°47	17° 0	15°30	20°18	n.a.	S 6
M 7	0 34 38	7° 5'42	26°21	26°44	8°31	25°39	23°56	8°28	4°53	28°55	12°46	16°52	15°27	20°25	n.a.	M 7
T 8	0 38 34	8° 6'11	8♊54	28°22	9°47	26°16	23°53	8°34	4°56	28°56	12°45	16°46	15°23	20°31	n.a.	T 8
W 9	0 42 31	9° 6'43	21°40	29°59	11° 2	26°54	23°49	8°40	5° 0	28°56	12°44	16°42	15°20	20°38	n.a.	W 9
T 10	0 46 27	10° 7'17	4♋44	1♎36	12°18	27°31	23°46	8°47	5° 3	28°57	12°43	16°D41	15°17	20°45	n.a.	T 10
F 11	0 50 24	11° 7'53	18° 8	3°14	13°33	28° 9	23°43	8°53	5° 6	28°58	12°42	16°41	15°14	20°51	n.a.	F 11
S 12	0 54 20	12° 8'30	1♌54	4°51	14°49	28°47	23°40	9° 0	5° 9	28°59	12°41	16°42	15°11	20°58	n.a.	S 12
S 13	0 58 17	13° 9'10	16° 4	6°28	16° 4	29°24	23°37	9° 6	5°13	29° 0	12°40	16°R42	15° 8	21° 5	n.a.	S 13
M14	1 2 14	14° 9'51	0♍37	8° 4	17°20	0♍ 2	23°34	9°13	5°16	29° 0	12°39	16°41	15° 4	21°11	n.a.	M14
T 15	1 6 10	15°10'34	15°30	9°41	18°35	0°39	23°32	9°20	5°19	29° 1	12°38	16°38	15° 1	21°18	n.a.	T 15
W16	1 10 7	16°11'19	0♎36	11°17	19°51	1°17	23°30	9°26	5°22	29° 2	12°37	16°33	14°58	21°25	n.a.	W16
T 17	1 14 3	17°12'05	15°47	12°53	21° 6	1°54	23°28	9°33	5°25	29° 3	12°36	16°25	14°55	21°32	n.a.	T 17
F 18	1 18 0	18°12'53	0♏52	14°29	22°22	2°32	23°26	9°39	5°28	29° 4	12°35	16°15	14°52	21°38	n.a.	F 18
S 19	1 21 56	19°13'43	15°41	16° 5	23°37	3° 9	23°24	9°46	5°31	29° 5	12°34	16° 5	14°48	21°45	n.a.	S 19
S 20	1 25 53	20°14'33	0♐ 6	17°40	24°53	3°47	23°23	9°53	5°34	29° 6	12°33	15°55	14°45	21°52	n.a.	S 20
M21	1 29 49	21°15'25	14° 2	19°15	26° 8	4°24	23°22	10° 0	5°37	29° 7	12°32	15°48	14°42	21°58	n.a.	M21
T 22	1 33 46	22°16'18	27°29	20°50	27°24	5° 2	23°21	10° 6	5°40	29° 9	12°32	15°42	14°39	22° 5	n.a.	T 22
W23	1 37 43	23°17'12	10♑27	22°25	28°39	5°39	23°20	10°13	5°43	29°10	12°31	15°40	14°36	22°12	n.a.	W23
T 24	1 41 39	24°18'07	23° 1	24° 0	29°55	6°16	23°19	10°20	5°46	29°11	12°30	15°D39	14°33	22°18	n.a.	T 24
F 25	1 45 36	25°19'03	5♒15	25°35	1♏10	6°54	23°19	10°27	5°49	29°12	12°29	15°39	14°29	22°25	n.a.	F 25
S 26	1 49 32	26°20'00	17°16	27° 9	2°26	7°31	23°D19	10°34	5°51	29°13	12°28	15°R39	14°26	22°32	n.a.	S 26
S 27	1 53 29	27°20'57	29° 7	28°44	3°41	8° 9	23°19	10°41	5°54	29°15	12°27	15°38	14°23	22°38	n.a.	S 27
M28	1 57 25	28°21'56	10♓55	0♏18	4°57	8°46	23°19	10°48	5°57	29°16	12°27	15°35	14°20	22°45	n.a.	M28
T 29	2 1 22	29°22'55	22°43	1°52	6°12	9°23	23°20	10°55	6° 0	29°17	12°26	15°30	14°17	22°52	n.a.	T 29
W30	2 5 18	0♏23'56	4♈35	3°26	7°28	10° 1	23°20	11° 2	6° 2	29°19	12°25	15°21	14°14	22°58	n.a.	W30
T 31	2 9 15	1♏24'57	16♈33	5♏ 0	8♏43	10♍38	23♒21	11♏ 8	6♍ 5	29♐20	12♓24	15♒10	14♒10	23♓ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	0s26	4s13	2n18	6n59	1n57	0n38	1n 8	15n41	1n21	15s11	1s42	12s36	1n49	10n40	0n45	23s21	0n25	22s57	17s36	15s45	16s20	1s28		n.a.
W 2	0 50	1n17	3 12	6 18	1 54	0 7	1 6	15 29	1 21	15 12	1 42	12 38	1 49	10 39	0 45	23 21	0 25	22 57	17 36	15 47	16 21	1 25		n.a.
T 3	1 14	6 45	3 57	5 36	1 50	0s25	1 5	15 16	1 21	15 14	1 42	12 41	1 49	10 38	0 45	23 21	0 25	22 57	17 35	15 49	16 22	1 22		n.a.
F 4	1 38	12 1	4 32	4 54	1 46	0 57	1 3	15 4	1 22	15 15	1 41	12 43	1 48	10 36	0 45	23 21	0 25	22 57	17 35	15 52	16 23	1 18		n.a.
S 5	2 3	16 53	4 56	4 10	1 42	1 29	1 1	14 51	1 22	15 16	1 41	12 45	1 48	10 35	0 45	23 21	0 25	22 58	17 35	15 55	16 24	1 15		n.a.
S 6	2 27	21 7	5 6	3 27	1 37	2 0	1 0	14 39	1 22	15 17	1 41	12 47	1 48	10 34	0 45	23 21	0 25	22 58	17 35	15 57	16 25	1 12		n.a.
M 7	2 51	24 30	5 3	2 43	1 32	2 32	0 58	14 26	1 22	15 18	1 41	12 49	1 48	10 33	0 45	23 21	0 25	22 58	17 35	16 0	16 26	1 8		n.a.
T 8	3 15	26 46	4 44	1 59	1 27	3 4	0 56	14 13	1 22	15 20	1 41	12 51	1 48	10 31	0 45	23 21	0 25	22 59	17 35	16 2	16 27	1 5		n.a.
W 9	3 40	27 42	4 12	1 15	1 21	3 36	0 55	14 1	1 23	15 20	1 40	12 54	1 48	10 30	0 45	23 21	0 25	22 59	17 35	16 3	16 28	1 2		n.a.
T 10	4 4	27 7	3 26	0 30	1 15	4 7	0 53	13 48	1 23	15 21	1 40	12 56	1 48	10 29	0 45	23 21	0 25	22 59	17 34	16 3	16 29	0 58		n.a.
F 11	4 28	24 57	2 27	0s15	1 9	4 39	0 51	13 35	1 23	15 22	1 40	12 58	1 47	10 28	0 45	23 21	0 25	22 59	17 34	16 3	16 30	0 55		n.a.
S 12	4 52	21 17	1 19	0 59	1 3	5 10	0 49	13 22	1 23	15 23	1 40	13 0	1 47	10 27	0 45	23 21	0 25	23 0	17 34	16 3	16 31	0 52		n.a.
S 13	5 16	16 18	0 3	1 44	0 57	5 41	0 47	13 8	1 23	15 24	1 39	13 2	1 47	10 25	0 45	23 21	0 25	23 0	17 34	16 3	16 31	0 48		n.a.
M14	5 40	10 16	1s14	2 28	0 51	6 12	0 45	12 55	1 24	15 24	1 39	13 5	1 47	10 24	0 45	23 21	0 25	23 0	17 34	16 3	16 32	0 45		n.a.
T 15	6 3	3 32	2 28	3 12	0 44	6 43	0 43	12 42	1 24	15 25	1 39	13 7	1 47	10 23	0 45	23 21	0 25	23 0	17 33	16 4	16 33	0 42		n.a.
W16	6 27	3s29	3 32	3 57	0 38	7 14	0 41	12 28	1 24	15 25	1 39	13 9	1 47	10 22	0 45	23 21	0 25	23 0	17 33	16 6	16 34	0 39		n.a.
T 17	6 51	10 19	4 22	4 41	0 31	7 45	0 39	12 15	1 24	15 26	1 38	13 11	1 47	10 21	0 45	23 21	0 25	23 1	17 33	16 8	16 35	0 35		n.a.
F 18	7 14	16 30	4 53	5 24	0 25	8 15	0 37	12 2	1 24	15 26	1 38	13 13	1 47	10 20	0 45	23 21	0 25	23 1	17 33	16 11	16 36	0 32		n.a.
S 19	7 38	21 36	5 4	6 8	0 18	8 46	0 35	11 48	1 24	15 27	1 38	13 16	1 47	10 19	0 45	23 21	0 25	23 1	17 32	16 14	16 37	0 29		n.a.
S 20	8 1	25 15	4 55	6 51	0 12	9 16	0 32	11 34	1 25	15 27	1 37	13 18	1 46	10 18	0 45	23 21	0 25	23 1	17 32	16 17	16 38	0 25		n.a.
M21	8 24	27 14	4 28	7 34	0 5	9 46	0 30	11 21	1 25	15 27	1 37	13 20	1 46	10 17	0 45	23 21	0 25	23 1	17 32	16 19	16 39	0 22		n.a.
T 22	8 47	27 32	3 47	8 16	0s 1	10 15	0 28	11 7	1 25	15 27	1 37	13 22	1 46	10 15	0 45	23 21	0 25	23 1	17 32	16 21	16 40	0 19		n.a.
W23	9 10	26 17	2 56	8 58	0 8	10 45	0 26	10 53	1 25	15 27	1 37	13 25	1 46	10 14	0 45	23 21	0 25	23 1	17 32	16 22	16 41	0 15		n.a.
T 24	9 33	23 43	1 57	9 40	0 14	11 14	0 23	10 39	1 25	15 27	1 36	13 27	1 46	10 13	0 45	23 21	0 25	23 1	17 31	16 22	16 42	0 12		n.a.
F 25	9 56	20 7	0 55	10 21	0 21	11 43	0 21	10 25	1 25	15 27	1 36	13 29	1 46	10 12	0 45	23 21	0 25	23 2	17 31	16 22	16 43	0 9		n.a.
S 26	10 18	15 45	0n 9	11 1	0 27	12 11	0 19	10 11	1 26	15 26	1 36	13 31	1 46	10 11	0 45	23 21	0 25	23 2	17 31	16 22	16 44	0 5		n.a.
S 27	10 40	10 50	1 11	11 42	0 34	12 40	0 16	9 57	1 26	15 26	1 36	13 34	1 46	10 10	0 45	23 22	0 25	23 2	17 30	16 22	16 45	0 2		n.a.
M28	11 2	5 35	2 10	12 21	0 40	13 8	0 14	9 43	1 26	15 26	1 35	13 36	1 46	10 9	0 45	23 22	0 25	23 2	17 30	16 23	16 46	0n 1		n.a.
T 29	11 24	0 8	3 3	13 0	0 46	13 35	0 12	9 29	1 26	15 25	1 35	13 38	1 46	10 8	0 45	23 22	0 25	23 2	17 30	16 25	16 47	0 4		n.a.
W30	11 46	5n20	3 48	13 39	0 52	14 3	0 9	9 15	1 26	15 25	1 35	13 40	1 46	10 7	0 45	23 22	0 25	23 2	17 30	16 27	16 47	0 8		n.a.
T 31	12s 8	10n39	4n24	14s17	0s58	14s30	0n 7	9n 1	1n26	15s24	1s34	13s43	1n45	10n 7	0n45	23s22	0n25	23s 2	17s29	16s31	16s48	0n11		n.a.

Julian Day Number = 1489397.5, Delta T = 05h15m59s
Ecliptic obliquity = 23°46'26, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'49, Lahiri = -12°43'48 Julian Calendar 1 Oct. 636 BCE == Greg. Calendar 24 Sept. 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

NOVEMBER 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 13 12	2♏26'00	28♈40	6♏34	9♏58	11♍15	23♒23	11♏15	6♍ 7	29♐21	12°R24	14°R56	14♒ 7	23♓12	n.a.	F 1
S 2	2 17 8	3°27'03	10♉56	8° 8	11°14	11°52	23°24	11°22	6°10	29°23	12♓23	14♒42	14° 4	23°18	n.a.	S 2
S 3	2 21 5	4°28'07	23°22	9°43	12°29	12°30	23°25	11°29	6°12	29°24	12°22	14°28	14° 1	23°25	n.a.	S 3
M 4	2 25 1	5°29'13	5♊58	11°17	13°45	13° 7	23°27	11°36	6°15	29°26	12°22	14°16	13°58	23°32	n.a.	M 4
T 5	2 28 58	6°30'19	18°44	12°51	15° 0	13°44	23°29	11°43	6°17	29°27	12°21	14° 5	13°54	23°38	n.a.	T 5
W 6	2 32 54	7°31'27	1♋41	14°25	16°16	14°21	23°31	11°50	6°19	29°29	12°21	13°58	13°51	23°45	n.a.	W 6
T 7	2 36 51	8°32'35	14°51	15°59	17°31	14°59	23°34	11°57	6°21	29°30	12°20	13°54	13°48	23°52	n.a.	T 7
F 8	2 40 48	9°33'45	28°15	17°33	18°46	15°36	23°36	12° 4	6°24	29°32	12°19	13°53	13°45	23°58	n.a.	F 8
S 9	2 44 44	10°34'55	11♌54	19° 8	20° 2	16°13	23°39	12°11	6°26	29°34	12°19	13°53	13°42	24° 5	n.a.	S 9
S 10	2 48 41	11°36'07	25°51	20°42	21°17	16°50	23°42	12°18	6°28	29°35	12°18	13°52	13°39	24°12	n.a.	S 10
M11	2 52 37	12°37'19	10♍ 5	22°16	22°33	17°27	23°45	12°25	6°30	29°37	12°18	13°51	13°35	24°18	n.a.	M11
T 12	2 56 34	13°38'32	24°36	23°50	23°48	18° 5	23°48	12°33	6°32	29°39	12°17	13°47	13°32	24°25	n.a.	T 12
W13	3 0 30	14°39'46	9♎20	25°25	25° 3	18°42	23°52	12°40	6°34	29°40	12°17	13°40	13°29	24°32	n.a.	W13
T 14	3 4 27	15°41'01	24°10	26°59	26°19	19°19	23°55	12°47	6°36	29°42	12°17	13°30	13°26	24°38	n.a.	T 14
F 15	3 8 23	16°42'16	8♏59	28°33	27°34	19°56	23°59	12°54	6°38	29°44	12°16	13°18	13°23	24°45	n.a.	F 15
S 16	3 12 20	17°43'32	23°37	0♐ 7	28°49	20°33	24° 4	13° 1	6°40	29°46	12°16	13° 6	13°19	24°52	n.a.	S 16
S 17	3 16 17	18°44'49	7♐58	1°41	0♐ 5	21°10	24° 8	13° 8	6°41	29°48	12°15	12°54	13°16	24°58	n.a.	S 17
M18	3 20 13	19°46'06	21°54	3°15	1°20	21°47	24°12	13°15	6°43	29°49	12°15	12°44	13°13	25° 5	n.a.	M18
T 19	3 24 10	20°47'23	5♑24	4°49	2°35	22°24	24°17	13°22	6°45	29°51	12°15	12°37	13°10	25°12	n.a.	T 19
W20	3 28 6	21°48'40	18°26	6°22	3°51	23° 1	24°22	13°29	6°47	29°53	12°14	12°32	13° 7	25°19	n.a.	W20
T 21	3 32 3	22°49'56	1♒ 5	7°54	5° 6	23°38	24°27	13°36	6°48	29°55	12°14	12°30	13° 4	25°25	n.a.	T 21
F 22	3 35 59	23°51'13	13°22	9°26	6°21	24°15	24°32	13°43	6°50	29°57	12°14	12°D30	13° 0	25°32	n.a.	F 22
S 23	3 39 56	24°52'30	25°25	10°57	7°37	24°51	24°38	13°49	6°51	29°59	12°14	12°R30	12°57	25°39	n.a.	S 23
S 24	3 43 52	25°53'46	7♓18	12°27	8°52	25°28	24°43	13°56	6°52	0♑ 1	12°13	12°29	12°54	25°45	n.a.	S 24
M25	3 47 49	26°55'03	19° 6	13°56	10° 7	26° 5	24°49	14° 3	6°54	0° 3	12°13	12°27	12°51	25°52	n.a.	M25
T 26	3 51 46	27°56'19	0♈56	15°24	11°22	26°42	24°55	14°10	6°55	0° 5	12°13	12°22	12°48	25°59	n.a.	T 26
W27	3 55 42	28°57'35	12°51	16°49	12°38	27°19	25° 1	14°17	6°56	0° 7	12°13	12°15	12°45	26° 5	n.a.	W27
T 28	3 59 39	29°58'50	24°55	18°12	13°53	27°55	25° 7	14°24	6°58	0° 9	12°13	12° 4	12°41	26°12	n.a.	T 28
F 29	4 3 35	1♐ 0'06	7♉10	19°33	15° 8	28°32	25°14	14°31	6°59	0°11	12°13	11°52	12°38	26°19	n.a.	F 29
S 30	4 7 32	2♐ 1'21	19♉39	20♐51	16♐23	29♍ 9	25♒20	14♏38	7♍ 0	0♑13	12♓12	11♒39	12♒35	26♓25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s29	15n37	4n48	14s54	1s 4	14s56	0n 5	8n46	1n27	15s24	1s34	13s45	1n45	10n 6	0n45	23s22	0n25	23s 2	17s29	16s35	16s49	0n14		n.a.
S 2	12 50	20 2	4 59	15 31	1 9	15 22	0 2	8 32	1 27	15 23	1 34	13 47	1 45	10 5	0 45	23 22	0 25	23 2	17 29	16 39	16 50	0 18		n.a.
S 3	13 11	23 39	4 56	16 6	1 15	15 48	0s 0	8 18	1 27	15 22	1 34	13 49	1 45	10 4	0 45	23 22	0 25	23 2	17 28	16 43	16 51	0 21		n.a.
M 4	13 32	26 11	4 39	16 42	1 20	16 14	0 3	8 3	1 27	15 21	1 33	13 52	1 45	10 3	0 46	23 22	0 25	23 2	17 28	16 47	16 52	0 24		n.a.
T 5	13 53	27 24	4 8	17 16	1 25	16 39	0 5	7 49	1 27	15 20	1 33	13 54	1 45	10 2	0 46	23 22	0 25	23 2	17 28	16 50	16 53	0 27		n.a.
W 6	14 13	27 9	3 23	17 49	1 30	17 3	0 7	7 35	1 27	15 19	1 33	13 56	1 45	10 1	0 46	23 22	0 25	23 2	17 28	16 52	16 54	0 31		n.a.
T 7	14 33	25 22	2 27	18 22	1 35	17 27	0 10	7 20	1 27	15 18	1 32	13 58	1 45	10 1	0 46	23 22	0 25	23 2	17 27	16 53	16 55	0 34		n.a.
F 8	14 53	22 8	1 22	18 54	1 40	17 51	0 12	7 6	1 27	15 17	1 32	14 0	1 45	10 0	0 46	23 22	0 24	23 2	17 27	16 54	16 56	0 37		n.a.
S 9	15 12	17 38	0 10	19 25	1 44	18 14	0 15	6 51	1 28	15 16	1 32	14 3	1 45	9 59	0 46	23 22	0 24	23 2	17 27	16 54	16 57	0 41		n.a.
S 10	15 31	12 6	1s 3	19 55	1 48	18 36	0 17	6 37	1 28	15 15	1 32	14 5	1 45	9 58	0 46	23 22	0 24	23 1	17 26	16 54	16 58	0 44		n.a.
M11	15 50	5 50	2 14	20 24	1 52	18 59	0 19	6 22	1 28	15 13	1 31	14 7	1 45	9 57	0 46	23 22	0 24	23 1	17 26	16 54	16 59	0 47		n.a.
T 12	16 9	0s50	3 17	20 52	1 56	19 20	0 22	6 7	1 28	15 12	1 31	14 9	1 45	9 57	0 46	23 22	0 24	23 1	17 26	16 55	17 0	0 51		n.a.
W13	16 28	7 32	4 8	21 18	1 59	19 41	0 24	5 53	1 28	15 11	1 31	14 11	1 45	9 56	0 46	23 22	0 24	23 1	17 25	16 57	17 0	0 54		n.a.
T 14	16 46	13 52	4 43	21 44	2 2	20 2	0 27	5 38	1 28	15 9	1 30	14 14	1 45	9 55	0 46	23 22	0 24	23 1	17 25	17 0	17 1	0 57		n.a.
F 15	17 4	19 24	4 59	22 8	2 5	20 22	0 29	5 23	1 28	15 8	1 30	14 16	1 45	9 55	0 46	23 22	0 24	23 1	17 25	17 4	17 2	1 0		n.a.
S 16	17 21	23 41	4 55	22 32	2 7	20 41	0 31	5 9	1 28	15 6	1 30	14 18	1 45	9 54	0 46	23 22	0 24	23 1	17 24	17 7	17 3	1 4		n.a.
S 17	17 39	26 25	4 32	22 53	2 9	21 0	0 33	4 54	1 28	15 4	1 30	14 20	1 45	9 53	0 46	23 22	0 24	23 1	17 24	17 11	17 4	1 7		n.a.
M18	17 55	27 24	3 54	23 14	2 10	21 18	0 36	4 39	1 28	15 2	1 29	14 22	1 45	9 53	0 46	23 22	0 24	23 0	17 24	17 13	17 5	1 10		n.a.
T 19	18 12	26 42	3 3	23 33	2 11	21 35	0 38	4 25	1 29	15 1	1 29	14 24	1 45	9 52	0 46	23 22	0 24	23 0	17 23	17 16	17 6	1 14		n.a.
W20	18 28	24 31	2 4	23 50	2 12	21 52	0 40	4 10	1 29	14 59	1 29	14 27	1 44	9 52	0 46	23 22	0 24	23 0	17 23	17 17	17 7	1 17		n.a.
T 21	18 44	21 10	1 0	24 6	2 12	22 9	0 42	3 55	1 29	14 57	1 29	14 29	1 44	9 51	0 46	23 22	0 24	23 0	17 23	17 17	17 8	1 20		n.a.
F 22	19 0	16 58	0n 5	24 20	2 11	22 24	0 45	3 40	1 29	14 55	1 28	14 31	1 44	9 50	0 46	23 22	0 24	23 0	17 22	17 18	17 9	1 23		n.a.
S 23	19 15	12 10	1 8	24 33	2 10	22 39	0 47	3 26	1 29	14 53	1 28	14 33	1 44	9 50	0 46	23 22	0 24	22 59	17 22	17 18	17 10	1 27		n.a.
S 24	19 30	6 59	2 7	24 44	2 9	22 53	0 49	3 11	1 29	14 50	1 28	14 35	1 44	9 49	0 46	23 22	0 24	22 59	17 21	17 18	17 11	1 30		n.a.
M25	19 44	1 36	3 1	24 53	2 6	23 7	0 51	2 56	1 29	14 48	1 27	14 37	1 44	9 49	0 46	23 22	0 24	22 59	17 21	17 18	17 11	1 33		n.a.
T 26	19 59	3n50	3 47	25 0	2 3	23 20	0 53	2 41	1 29	14 46	1 27	14 39	1 44	9 49	0 46	23 22	0 24	22 59	17 21	17 20	17 12	1 36		n.a.
W27	20 12	9 10	4 23	25 5	1 59	23 32	0 55	2 27	1 29	14 44	1 27	14 41	1 44	9 48	0 46	23 22	0 24	22 58	17 20	17 22	17 13	1 40		n.a.
T 28	20 26	14 14	4 48	25 8	1 54	23 44	0 57	2 12	1 29	14 41	1 27	14 43	1 44	9 48	0 46	23 22	0 24	22 58	17 20	17 25	17 14	1 43		n.a.
F 29	20 39	18 49	5 0	25 10	1 49	23 55	0 59	1 57	1 29	14 39	1 26	14 45	1 44	9 47	0 47	23 22	0 24	22 58	17 20	17 28	17 15	1 46		n.a.
S 30	20s51	22n40	4n58	25s 9	1s42	24s 5	1s 1	1n42	1n29	14s36	1s26	14s47	1n44	9n47	0n47	23s22	0n24	22s57	17s19	17s32	17s16	1n50		n.a.

Julian Day Number = 1489428.5, Delta T = 05h15m58s
Ecliptic obliquity = 23°46'25, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'45, Lahiri = -12°43'44 Julian Calendar 1 Nov. 636 BCE == Greg. Calendar 25 Oct. 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 636 BCE
geocentric

DECEMBER 636 BCE (-635) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 11 28	3♐ 2'36	2♊22	22♐ 5	17♐38	29♍45	25♒27	14♏44	7♍ 1	0♎15	12°R12	11°R26	12♒32	26♓32	n.a.	S 1
M 2	4 15 25	4° 3'51	15°17	23°15	18°54	0♎22	25°34	14°51	7° 2	0°17	12♓12	11♒15	12°29	26°39	n.a.	M 2
T 3	4 19 22	5° 5'06	28°25	24°20	20° 9	0°59	25°41	14°58	7° 3	0°19	12°D12	11° 6	12°25	26°45	n.a.	T 3
W 4	4 23 18	6° 6'20	11♋43	25°19	21°24	1°35	25°48	15° 5	7° 4	0°21	12°12	10°59	12°22	26°52	n.a.	W 4
T 5	4 27 15	7° 7'35	25°12	26°12	22°39	2°12	25°56	15°11	7° 4	0°23	12°12	10°56	12°19	26°59	n.a.	T 5
F 6	4 31 11	8° 8'49	8♌50	26°58	23°54	2°48	26° 3	15°18	7° 5	0°25	12°12	10°D54	12°16	27° 5	n.a.	F 6
S 7	4 35 8	9°10'03	22°37	27°35	25° 9	3°25	26°11	15°25	7° 6	0°28	12°13	10°55	12°13	27°12	n.a.	S 7
S 8	4 39 4	10°11'17	6♍33	28° 3	26°24	4° 1	26°19	15°31	7° 7	0°30	12°13	10°R55	12°10	27°19	n.a.	S 8
M 9	4 43 1	11°12'31	20°38	28°22	27°39	4°38	26°27	15°38	7° 7	0°32	12°13	10°55	12° 6	27°26	n.a.	M 9
T 10	4 46 57	12°13'44	4♎51	28°R29	28°54	5°14	26°35	15°45	7° 8	0°34	12°13	10°53	12° 3	27°32	n.a.	T 10
W11	4 50 54	13°14'58	19°11	28°25	0♏ 9	5°50	26°44	15°51	7° 8	0°36	12°13	10°48	12° 0	27°39	n.a.	W11
T 12	4 54 51	14°16'11	3♏33	28°10	1°24	6°27	26°52	15°58	7° 9	0°39	12°13	10°41	11°57	27°46	n.a.	T 12
F 13	4 58 47	15°17'23	17°54	27°42	2°40	7° 3	27° 1	16° 4	7° 9	0°41	12°13	10°32	11°54	27°52	n.a.	F 13
S 14	5 2 44	16°18'35	2♐ 7	27° 4	3°55	7°39	27°10	16°10	7° 9	0°43	12°14	10°23	11°51	27°59	n.a.	S 14
S 15	5 6 40	17°19'47	16° 7	26°14	5°10	8°15	27°18	16°17	7° 9	0°45	12°14	10°14	11°47	28° 6	n.a.	S 15
M16	5 10 37	18°20'58	29°49	25°16	6°25	8°51	27°27	16°23	7°10	0°47	12°14	10° 6	11°44	28°12	n.a.	M16
T 17	5 14 33	19°22'08	13♏10	24° 9	7°39	9°28	27°37	16°29	7°10	0°50	12°15	10° 0	11°41	28°19	n.a.	T 17
W18	5 18 30	20°23'17	26° 9	22°57	8°54	10° 4	27°46	16°36	7°10	0°52	12°15	9°57	11°38	28°26	n.a.	W18
T 19	5 22 27	21°24'25	8♒47	21°41	10° 9	10°40	27°55	16°42	7°R10	0°54	12°15	9°D56	11°35	28°32	n.a.	T 19
F 20	5 26 23	22°25'31	21° 6	20°24	11°24	11°16	28° 5	16°48	7°10	0°56	12°16	9°56	11°31	28°39	n.a.	F 20
S 21	5 30 20	23°26'37	3♓11	19° 8	12°39	11°51	28°15	16°54	7°10	0°59	12°16	9°58	11°28	28°46	n.a.	S 21
S 22	5 34 16	24°27'41	15° 6	17°56	13°54	12°27	28°24	17° 0	7°10	1° 1	12°16	9°59	11°25	28°52	n.a.	S 22
M23	5 38 13	25°28'44	26°57	16°48	15° 9	13° 3	28°34	17° 6	7° 9	1° 3	12°17	10°R 0	11°22	28°59	n.a.	M23
T 24	5 42 9	26°29'46	8♈48	15°47	16°24	13°39	28°44	17°12	7° 9	1° 5	12°17	9°59	11°19	29° 6	n.a.	T 24
W25	5 46 6	27°30'46	20°44	14°54	17°38	14°15	28°55	17°18	7° 9	1° 8	12°18	9°56	11°16	29°13	n.a.	W25
T 26	5 50 2	28°31'45	2♉50	14° 9	18°53	14°50	29° 5	17°24	7° 8	1°10	12°18	9°51	11°12	29°19	n.a.	T 26
F 27	5 53 59	29°32'43	15°11	13°33	20° 8	15°26	29°15	17°30	7° 8	1°12	12°19	9°45	11° 9	29°26	n.a.	F 27
S 28	5 57 56	0♏33'39	27°48	13° 5	21°23	16° 1	29°26	17°36	7° 8	1°15	12°19	9°38	11° 6	29°33	n.a.	S 28
S 29	6 1 52	1°34'34	10♊43	12°46	22°37	16°37	29°36	17°41	7° 7	1°17	12°20	9°31	11° 3	29°39	n.a.	S 29
M30	6 5 49	2°35'28	23°56	12°36	23°52	17°12	29°47	17°47	7° 6	1°19	12°21	9°24	11° 0	29°46	n.a.	M30
T 31	6 9 45	3♏36'20	7♋26	12°D33	25♏ 7	17♎48	29♒58	17♏53	7♍ 6	1♏21	12♓21	9♒19	10♒57	29♓53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21s 3	25n31	4n42	25s 7	1s35	24s14	1s 3	1n28	1n29	14s34	1s26	14s49	1n44	9n47	0n47	23s22	0n24	22s57	17s19	17s35	17s17	1n53			n.a.
M 2	21 15	27 6	4 11	25 2	1 26	24 23	1 5	1 13	1 29	14 31	1 26	14 51	1 44	9 46	0 47	23 22	0 24	22 57	17 19	17 39	17 18	1 56			n.a.
T 3	21 27	27 11	3 26	24 56	1 17	24 30	1 7	0 58	1 29	14 28	1 25	14 53	1 44	9 46	0 47	23 22	0 24	22 57	17 18	17 41	17 19	1 59			n.a.
W 4	21 38	25 43	2 29	24 47	1 6	24 38	1 8	0 43	1 29	14 26	1 25	14 55	1 44	9 46	0 47	23 22	0 24	22 56	17 18	17 43	17 20	2 3			n.a.
T 5	21 48	22 45	1 23	24 37	0 54	24 44	1 10	0 29	1 29	14 23	1 25	14 57	1 44	9 45	0 47	23 22	0 24	22 56	17 17	17 44	17 21	2 6			n.a.
F 6	21 58	18 29	0 11	24 25	0 41	24 49	1 12	0 14	1 29	14 20	1 25	14 59	1 44	9 45	0 47	23 22	0 24	22 55	17 17	17 44	17 21	2 9			n.a.
S 7	22 8	13 12	1s 2	24 12	0 26	24 54	1 13	0s 1	1 29	14 17	1 24	15 1	1 44	9 45	0 47	23 22	0 24	22 55	17 17	17 44	17 22	2 12			n.a.
S 8	22 17	7 11	2 12	23 57	0 11	24 58	1 15	0 15	1 29	14 14	1 24	15 3	1 44	9 45	0 47	23 22	0 24	22 55	17 16	17 44	17 23	2 16			n.a.
M 9	22 26	0 46	3 16	23 40	0n 6	25 1	1 16	0 30	1 29	14 11	1 24	15 5	1 44	9 45	0 47	23 22	0 24	22 54	17 16	17 44	17 24	2 19			n.a.
T 10	22 34	5s44	4 7	23 23	0 23	25 4	1 18	0 45	1 29	14 8	1 24	15 7	1 44	9 44	0 47	23 22	0 24	22 54	17 16	17 45	17 25	2 22			n.a.
W11	22 42	11 58	4 44	23 4	0 41	25 6	1 19	0 59	1 29	14 5	1 23	15 9	1 44	9 44	0 47	23 22	0 24	22 54	17 15	17 46	17 26	2 25			n.a.
T 12	22 50	17 36	5 3	22 45	1 0	25 7	1 21	1 14	1 29	14 2	1 23	15 11	1 45	9 44	0 47	23 22	0 24	22 53	17 15	17 48	17 27	2 29			n.a.
F 13	22 57	22 14	5 2	22 25	1 20	25 7	1 22	1 28	1 29	13 59	1 23	15 13	1 45	9 44	0 47	23 22	0 24	22 53	17 14	17 50	17 28	2 32			n.a.
S 14	23 3	25 30	4 44	22 5	1 39	25 6	1 23	1 43	1 29	13 55	1 23	15 14	1 45	9 44	0 47	23 22	0 24	22 52	17 14	17 53	17 29	2 35			n.a.
S 15	23 10	27 9	4 8	21 45	1 58	25 5	1 24	1 57	1 29	13 52	1 23	15 16	1 45	9 44	0 47	23 22	0 24	22 52	17 14	17 56	17 29	2 38			n.a.
M16	23 15	27 5	3 18	21 25	2 16	25 2	1 25	2 12	1 29	13 49	1 22	15 18	1 45	9 44	0 47	23 22	0 24	22 51	17 13	17 58	17 30	2 42			n.a.
T 17	23 20	25 25	2 19	21 6	2 33	24 59	1 27	2 26	1 29	13 45	1 22	15 20	1 45	9 44	0 47	23 22	0 24	22 51	17 13	17 59	17 31	2 45			n.a.
W18	23 25	22 25	1 14	20 47	2 49	24 56	1 28	2 40	1 29	13 42	1 22	15 22	1 45	9 44	0 47	23 22	0 24	22 50	17 13	18 0	17 32	2 48			n.a.
T 19	23 29	18 25	0 6	20 29	3 2	24 51	1 29	2 55	1 29	13 38	1 22	15 23	1 45	9 44	0 47	23 22	0 24	22 50	17 12	18 0	17 33	2 51			n.a.
F 20	23 33	13 43	1n 0	20 13	3 13	24 46	1 29	3 9	1 29	13 35	1 21	15 25	1 45	9 44	0 47	23 22	0 24	22 49	17 12	18 0	17 34	2 55			n.a.
S 21	23 36	8 35	2 2	19 58	3 22	24 40	1 30	3 23	1 29	13 31	1 21	15 27	1 45	9 44	0 47	23 22	0 24	22 49	17 11	18 0	17 35	2 58			n.a.
S 22	23 39	3 12	2 59	19 45	3 28	24 33	1 31	3 38	1 29	13 27	1 21	15 28	1 45	9 44	0 48	23 22	0 24	22 49	17 11	17 59	17 36	3 1			n.a.
M23	23 42	2n14	3 47	19 35	3 32	24 25	1 32	3 52	1 29	13 24	1 21	15 30	1 45	9 44	0 48	23 22	0 24	22 48	17 11	17 59	17 37	3 4			n.a.
T 24	23 44	7 35	4 25	19 27	3 34	24 17	1 32	4 6	1 29	13 20	1 21	15 32	1 45	9 44	0 48	23 22	0 24	22 47	17 10	18 0	17 38	3 8			n.a.
W25	23 45	12 42	4 53	19 22	3 34	24 8	1 33	4 20	1 29	13 16	1 20	15 33	1 45	9 45	0 48	23 22	0 24	22 47	17 10	18 0	17 38	3 11			n.a.
T 26	23 46	17 25	5 7	19 19	3 31	23 58	1 33	4 34	1 29	13 12	1 20	15 35	1 45	9 45	0 48	23 22	0 24	22 46	17 10	18 2	17 39	3 14			n.a.
F 27	23 46	21 31	5 8	19 19	3 27	23 47	1 34	4 48	1 28	13 8	1 20	15 37	1 45	9 45	0 48	23 22	0 24	22 46	17 9	18 3	17 40	3 17			n.a.
S 28	23 46	24 43	4 54	19 21	3 22	23 36	1 34	5 2	1 28	13 4	1 20	15 38	1 45	9 45	0 48	23 22	0 24	22 45	17 9	18 5	17 41	3 21			n.a.
S 29	23 46	26 44	4 25	19 25	3 15	23 24	1 34	5 16	1 28	13 1	1 20	15 40	1 45	9 45	0 48	23 22	0 24	22 45	17 9	18 7	17 42	3 24			n.a.
M30	23 45	27 19	3 42	19 32	3 7	23 11	1 35	5 30	1 28	12 57	1 19	15 41	1 45	9 46	0 48	23 22	0 24	22 44	17 8	18 9	17 43	3 27			n.a.
T 31	23s43	26n18	2n45	19s40	2n59	22s58	1s35	5s44	1n28	12s52	1s19	15s43	1n45	9n46	0n48	23s22	0n24	22s44	17s 8	18s10	17s44	3n30			n.a.

Julian Day Number = 1489458.5, Delta T = 05h15m56s
Ecliptic obliquity = 23°46'24, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'40, Lahiri = -12°43'40 Julian Calendar 1 Dec. 636 BCE == Greg. Calendar 24 Nov. 636 BCE

The year -635 astronomical counting style corresponds to year 636 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

JANUARY 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 13 42	4♉37'11	21♋10	12♐38	26♉21	18♎23	0♓ 9	17♏58	7°R 5	1♉24	12♓22	9°R16	10♒53	29♓59	n.a.	W 1
T 2	6 17 38	5°38'01	5♌ 5	12°51	27°36	18°59	0°20	18° 4	7♍ 4	1°26	12°23	9°D15	10°50	0♈ 6	n.a.	T 2
F 3	6 21 35	6°38'50	19° 9	13° 9	28°50	19°34	0°31	18° 9	7° 4	1°28	12°23	9♒15	10°47	0°13	n.a.	F 3
S 4	6 25 31	7°39'37	3♍17	13°34	0♒ 5	20° 9	0°42	18°15	7° 3	1°30	12°24	9°16	10°44	0°19	n.a.	S 4
S 5	6 29 28	8°40'23	17°28	14° 4	1°19	20°44	0°54	18°20	7° 2	1°33	12°25	9°18	10°41	0°26	n.a.	S 5
M 6	6 33 25	9°41'08	1♎40	14°39	2°34	21°19	1° 5	18°25	7° 1	1°35	12°25	9°19	10°37	0°33	n.a.	M 6
T 7	6 37 21	10°41'52	15°49	15°18	3°48	21°54	1°17	18°30	7° 0	1°37	12°26	9°R19	10°34	0°40	n.a.	T 7
W 8	6 41 18	11°42'34	29°55	16° 2	5° 3	22°29	1°28	18°35	6°59	1°40	12°27	9°18	10°31	0°46	n.a.	W 8
T 9	6 45 14	12°43'16	13♏56	16°50	6°17	23° 4	1°40	18°41	6°58	1°42	12°28	9°16	10°28	0°53	n.a.	T 9
F 10	6 49 11	13°43'56	27°49	17°42	7°31	23°39	1°52	18°46	6°56	1°44	12°28	9°12	10°25	1° 0	n.a.	F 10
S 11	6 53 7	14°44'35	11♐32	18°36	8°46	24°14	2° 4	18°50	6°55	1°46	12°29	9° 8	10°22	1° 6	n.a.	S 11
S 12	6 57 4	15°45'12	25° 4	19°34	10° 0	24°48	2°16	18°55	6°54	1°48	12°30	9° 5	10°18	1°13	n.a.	S 12
M13	7 1 1	16°45'48	8♑21	20°35	11°14	25°23	2°28	19° 0	6°53	1°51	12°31	9° 2	10°15	1°20	n.a.	M13
T 14	7 4 57	17°46'22	21°23	21°38	12°28	25°57	2°40	19° 5	6°51	1°53	12°32	8°59	10°12	1°26	n.a.	T 14
W15	7 8 54	18°46'54	4♒ 8	22°43	13°43	26°32	2°52	19°10	6°50	1°55	12°33	8°D58	10° 9	1°33	n.a.	W15
T 16	7 12 50	19°47'25	16°38	23°51	14°57	27° 6	3° 5	19°14	6°48	1°57	12°34	8°59	10° 6	1°40	n.a.	T 16
F 17	7 16 47	20°47'53	28°54	25° 0	16°11	27°41	3°17	19°19	6°47	2° 0	12°35	8°59	10° 3	1°46	n.a.	F 17
S 18	7 20 43	21°48'20	10♓58	26°12	17°25	28°15	3°29	19°23	6°45	2° 2	12°36	9° 1	9°59	1°53	n.a.	S 18
S 19	7 24 40	22°48'44	22°54	27°25	18°39	28°49	3°42	19°27	6°44	2° 4	12°37	9° 2	9°56	2° 0	n.a.	S 19
M20	7 28 36	23°49'07	4♈45	28°40	19°53	29°23	3°55	19°32	6°42	2° 6	12°38	9° 4	9°53	2° 7	n.a.	M20
T 21	7 32 33	24°49'27	16°36	29°57	21° 7	29°57	4° 7	19°36	6°41	2° 8	12°39	9° 5	9°50	2°13	n.a.	T 21
W22	7 36 29	25°49'46	28°32	1♑15	22°21	0♏31	4°20	19°40	6°39	2°10	12°40	9°R 5	9°47	2°20	n.a.	W22
T 23	7 40 26	26°50'02	10♉38	2°35	23°35	1° 4	4°33	19°44	6°37	2°12	12°41	9° 4	9°43	2°27	n.a.	T 23
F 24	7 44 23	27°50'16	22°58	3°56	24°48	1°38	4°46	19°48	6°35	2°15	12°42	9° 3	9°40	2°33	n.a.	F 24
S 25	7 48 19	28°50'28	5♊36	5°19	26° 2	2°12	4°59	19°52	6°33	2°17	12°43	9° 2	9°37	2°40	n.a.	S 25
S 26	7 52 16	29°50'38	18°35	6°43	27°16	2°45	5°12	19°56	6°32	2°19	12°44	9° 1	9°34	2°47	n.a.	S 26
M27	7 56 12	0♒50'46	1♋56	8° 8	28°30	3°18	5°25	19°59	6°30	2°21	12°45	9° 0	9°31	2°53	n.a.	M27
T 28	8 0 9	1°50'51	15°40	9°34	29°43	3°52	5°38	20° 3	6°28	2°23	12°46	8°59	9°28	3° 0	n.a.	T 28
W29	8 4 5	2°50'55	29°44	11° 2	0♓57	4°25	5°51	20° 7	6°26	2°25	12°47	8°58	9°24	3° 7	n.a.	W29
T 30	8 8 2	3°50'56	14♌ 5	12°31	2°10	4°58	6° 4	20°10	6°24	2°27	12°48	8°D58	9°21	3°14	n.a.	T 30
F 31	8 11 59	4♒50'55	28♌38	14♑ 1	3♓24	5♏31	6♓18	20♏14	6♍22	2♑29	12♓50	8♒59	9♒18	3♈20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23s41	23n41	1n37	19s50	2n49	22s44	1s35	5s57	1n28	12s48	1s19	15s44	1n45	9n46	0n48	23s22	0n24	22s43	17s 8	18s11	17s45	3n34			n.a.
T 2	23 39	19 38	0 23	20 1	2 40	22 29	1 35	6 11	1 28	12 44	1 19	15 46	1 46	9 47	0 48	23 22	0 24	22 43	17 7	18 11	17 45	3 37			n.a.
F 3	23 36	14 26	0s54	20 13	2 30	22 14	1 35	6 25	1 27	12 40	1 19	15 47	1 46	9 47	0 48	23 22	0 24	22 42	17 7	18 11	17 46	3 40			n.a.
S 4	23 33	8 27	2 8	20 26	2 19	21 58	1 35	6 38	1 27	12 36	1 19	15 49	1 46	9 47	0 48	23 22	0 24	22 41	17 7	18 11	17 47	3 43			n.a.
S 5	23 29	2 3	3 14	20 40	2 9	21 41	1 35	6 52	1 27	12 32	1 18	15 50	1 46	9 48	0 48	23 22	0 24	22 41	17 6	18 11	17 48	3 46			n.a.
M 6	23 25	4s27	4 8	20 55	1 58	21 23	1 34	7 5	1 27	12 27	1 18	15 51	1 46	9 48	0 48	23 22	0 24	22 40	17 6	18 10	17 49	3 50			n.a.
T 7	23 20	10 43	4 48	21 10	1 48	21 6	1 34	7 19	1 27	12 23	1 18	15 53	1 46	9 48	0 48	23 22	0 23	22 40	17 6	18 10	17 50	3 53			n.a.
W 8	23 15	16 24	5 9	21 25	1 37	20 47	1 34	7 32	1 27	12 19	1 18	15 54	1 46	9 49	0 48	23 22	0 23	22 39	17 5	18 11	17 51	3 56			n.a.
T 9	23 9	21 12	5 12	21 41	1 26	20 28	1 33	7 45	1 26	12 14	1 18	15 55	1 46	9 49	0 48	23 22	0 23	22 38	17 5	18 11	17 52	3 59			n.a.
F 10	23 3	24 46	4 57	21 56	1 16	20 8	1 33	7 59	1 26	12 10	1 18	15 57	1 46	9 50	0 48	23 22	0 23	22 38	17 5	18 12	17 52	4 2			n.a.
S 11	22 57	26 51	4 25	22 11	1 5	19 48	1 32	8 12	1 26	12 5	1 17	15 58	1 46	9 50	0 48	23 22	0 23	22 37	17 4	18 13	17 53	4 6			n.a.
S 12	22 50	27 19	3 38	22 26	0 55	19 27	1 31	8 25	1 26	12 1	1 17	15 59	1 46	9 51	0 48	23 22	0 23	22 37	17 4	18 14	17 54	4 9			n.a.
M13	22 42	26 11	2 41	22 41	0 45	19 6	1 30	8 38	1 25	11 56	1 17	16 1	1 46	9 51	0 48	23 22	0 23	22 36	17 4	18 15	17 55	4 12			n.a.
T 14	22 34	23 37	1 35	22 55	0 35	18 44	1 30	8 51	1 25	11 52	1 17	16 2	1 46	9 52	0 48	23 22	0 23	22 35	17 3	18 16	17 56	4 15			n.a.
W15	22 26	19 55	0 27	23 9	0 26	18 21	1 29	9 4	1 25	11 47	1 17	16 3	1 47	9 52	0 48	23 22	0 23	22 35	17 3	18 16	17 57	4 19			n.a.
T 16	22 17	15 24	0n42	23 22	0 16	17 58	1 28	9 16	1 25	11 42	1 17	16 4	1 47	9 53	0 49	23 22	0 23	22 34	17 3	18 16	17 58	4 22			n.a.
F 17	22 8	10 20	1 48	23 34	0 7	17 35	1 27	9 29	1 24	11 38	1 17	16 5	1 47	9 54	0 49	23 22	0 23	22 33	17 3	18 16	17 59	4 25			n.a.
S 18	21 59	4 58	2 48	23 45	0s 2	17 11	1 25	9 42	1 24	11 33	1 16	16 6	1 47	9 54	0 49	23 22	0 23	22 33	17 2	18 15	17 59	4 28			n.a.
S 19	21 49	0n30	3 40	23 56	0 11	16 47	1 24	9 54	1 24	11 28	1 16	16 7	1 47	9 55	0 49	23 22	0 23	22 32	17 2	18 15	18 0	4 31			n.a.
M20	21 38	5 54	4 22	24 5	0 19	16 22	1 23	10 7	1 23	11 23	1 16	16 9	1 47	9 56	0 49	23 22	0 23	22 32	17 2	18 14	18 1	4 35			n.a.
T 21	21 28	11 6	4 53	24 14	0 28	15 57	1 22	10 19	1 23	11 19	1 16	16 10	1 47	9 56	0 49	23 22	0 23	22 31	17 1	18 14	18 2	4 38			n.a.
W22	21 16	15 56	5 11	24 22	0 36	15 31	1 20	10 31	1 23	11 14	1 16	16 11	1 47	9 57	0 49	23 22	0 23	22 30	17 1	18 14	18 3	4 41			n.a.
T 23	21 5	20 13	5 16	24 28	0 43	15 5	1 19	10 44	1 22	11 9	1 16	16 12	1 47	9 58	0 49	23 22	0 23	22 30	17 1	18 14	18 4	4 44			n.a.
F 24	20 53	23 43	5 7	24 33	0 51	14 39	1 17	10 56	1 22	11 4	1 16	16 13	1 47	9 58	0 49	23 22	0 23	22 29	17 1	18 15	18 5	4 47			n.a.
S 25	20 41	26 11	4 43	24 38	0 58	14 12	1 16	11 8	1 21	10 59	1 15	16 13	1 48	9 59	0 49	23 22	0 23	22 28	17 0	18 15	18 5	4 50			n.a.
S 26	20 28	27 20	4 4	24 41	1 5	13 45	1 14	11 20	1 21	10 54	1 15	16 14	1 48	10 0	0 49	23 22	0 23	22 28	17 0	18 15	18 6	4 54			n.a.
M27	20 15	26 57	3 11	24 42	1 11	13 17	1 12	11 32	1 21	10 49	1 15	16 15	1 48	10 0	0 49	23 22	0 23	22 27	17 0	18 16	18 7	4 57			n.a.
T 28	20 1	24 55	2 6	24 42	1 17	12 49	1 10	11 44	1 20	10 44	1 15	16 16	1 48	10 1	0 49	23 22	0 23	22 26	17 0	18 16	18 8	5 0			n.a.
W29	19 48	21 19	0 51	24 41	1 23	12 21	1 8	11 55	1 20	10 39	1 15	16 17	1 48	10 2	0 49	23 22	0 23	22 26	16 59	18 16	18 9	5 3			n.a.
T 30	19 34	16 23	0s28	24 39	1 29	11 53	1 7	12 7	1 19	10 34	1 15	16 18	1 48	10 3	0 49	23 22	0 23	22 25	16 59	18 16	18 10	5 6			n.a.
F 31	19s19	10n27	1s47	24s35	1s34	11s24	1s 5	12s18	1n19	10s29	1s15	16s19	1n48	10n 4	0n49	23s22	0n23	22s24	16s59	18s16	18s11	5n10			n.a.

Julian Day Number = 1489489.5, Delta T = 05h15m55s
Ecliptic obliquity = 23°46'24, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'36, Lahiri = -12°43'36 Julian Calendar 1 Jan. 635 BCE == Greg. Calendar 25 Dec. 636 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

FEBRUARY 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 15 55	5♒50'53	13♍15	15♑32	4♓37	6♏ 4	6♓31	20♏17	6°R20	2♑31	12♓51	8♒59	9♒15	3♈27	n.a.	S 1
S 2	8 19 52	6°50'48	27°52	17° 4	5°50	6°37	6°44	20°20	6♍17	2°33	12°52	8°59	9°12	3°34	n.a.	S 2
M 3	8 23 48	7°50'42	12♎22	18°38	7° 4	7° 9	6°58	20°23	6°15	2°35	12°53	8°59	9° 9	3°40	n.a.	M 3
T 4	8 27 45	8°50'34	26°42	20°12	8°17	7°42	7°11	20°26	6°13	2°37	12°54	8°R59	9° 5	3°47	n.a.	T 4
W 5	8 31 41	9°50'25	10♏49	21°48	9°30	8°14	7°25	20°29	6°11	2°39	12°55	8°D59	9° 2	3°54	n.a.	W 5
T 6	8 35 38	10°50'13	24°40	23°25	10°43	8°47	7°38	20°32	6° 9	2°41	12°57	8°59	8°59	4° 0	n.a.	T 6
F 7	8 39 34	11°50'00	8♐16	25° 3	11°56	9°19	7°52	20°35	6° 6	2°42	12°58	9° 0	8°56	4° 7	n.a.	F 7
S 8	8 43 31	12°49'45	21°37	26°43	13°10	9°51	8° 6	20°38	6° 4	2°44	12°59	9° 0	8°53	4°14	n.a.	S 8
S 9	8 47 27	13°49'28	4♑43	28°23	14°23	10°23	8°19	20°40	6° 2	2°46	13° 0	9° 0	8°49	4°21	n.a.	S 9
M10	8 51 24	14°49'09	17°36	0♒ 5	15°35	10°55	8°33	20°43	6° 0	2°48	13° 2	9° 1	8°46	4°27	n.a.	M10
T 11	8 55 21	15°48'48	0♒16	1°48	16°48	11°26	8°47	20°45	5°57	2°50	13° 3	9° 1	8°43	4°34	n.a.	T 11
W12	8 59 17	16°48'26	12°43	3°32	18° 1	11°58	9° 1	20°47	5°55	2°51	13° 4	9°R 1	8°40	4°41	n.a.	W12
T 13	9 3 14	17°48'00	25° 0	5°18	19°14	12°29	9°15	20°50	5°52	2°53	13° 6	9° 1	8°37	4°47	n.a.	T 13
F 14	9 7 10	18°47'33	7♓ 7	7° 5	20°27	13° 0	9°29	20°52	5°50	2°55	13° 7	9° 0	8°34	4°54	n.a.	F 14
S 15	9 11 7	19°47'03	19° 7	8°52	21°39	13°31	9°42	20°54	5°48	2°57	13° 8	8°59	8°30	5° 1	n.a.	S 15
S 16	9 15 3	20°46'31	1♈ 1	10°42	22°52	14° 2	9°56	20°56	5°45	2°58	13°10	8°57	8°27	5° 7	n.a.	S 16
M17	9 19 0	21°45'57	12°52	12°32	24° 4	14°33	10°10	20°58	5°43	3° 0	13°11	8°55	8°24	5°14	n.a.	M17
T 18	9 22 56	22°45'21	24°43	14°24	25°17	15° 4	10°24	20°59	5°40	3° 2	13°12	8°53	8°21	5°21	n.a.	T 18
W19	9 26 53	23°44'42	6♉38	16°17	26°29	15°34	10°39	21° 1	5°38	3° 3	13°14	8°52	8°18	5°28	n.a.	W19
T 20	9 30 50	24°44'00	18°42	18°11	27°41	16° 4	10°53	21° 3	5°35	3° 5	13°15	8°51	8°15	5°34	n.a.	T 20
F 21	9 34 46	25°43'17	0♊58	20° 7	28°53	16°34	11° 7	21° 4	5°33	3° 6	13°16	8°D51	8°11	5°41	n.a.	F 21
S 22	9 38 43	26°42'30	13°32	22° 4	0♈ 6	17° 4	11°21	21° 5	5°30	3° 8	13°18	8°52	8° 8	5°48	n.a.	S 22
S 23	9 42 39	27°41'42	26°28	24° 2	1°18	17°34	11°35	21° 7	5°27	3°10	13°19	8°53	8° 5	5°54	n.a.	S 23
M24	9 46 36	28°40'51	9♋47	26° 1	2°30	18° 3	11°49	21° 8	5°25	3°11	13°20	8°55	8° 2	6° 1	n.a.	M24
T 25	9 50 32	29°39'58	23°33	28° 1	3°41	18°33	12° 3	21° 9	5°22	3°12	13°22	8°56	7°59	6° 8	n.a.	T 25
W26	9 54 29	0♓39'02	7♌46	0♓ 2	4°53	19° 2	12°18	21°10	5°20	3°14	13°23	8°R56	7°55	6°14	n.a.	W26
T 27	9 58 25	1°38'04	22°21	2° 5	6° 5	19°31	12°32	21°11	5°17	3°15	13°25	8°56	7°52	6°21	n.a.	T 27
F 28	10 2 22	2♓37'03	7♍13	4♓ 8	7♈17	20♏ 0	12♓46	21♏12	5♍15	3♑17	13♓26	8♒54	7♒49	6♈28	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 4	3n55	2s59	24s29	1s39	10s55	1s 2	12s30	1n18	10s24	1s15	16s19	1n48	10n 4	0n49	23s22	0n23	22s24	16s59	18s16	18s11	5n13		n.a.
S 2	18 49	2s47	3 59	24 22	1 43	10 26	1 0	12 41	1 18	10 19	1 15	16 20	1 48	10 5	0 49	23 22	0 23	22 23	16 59	18 16	18 12	5 16		n.a.
M 3	18 34	9 18	4 44	24 14	1 47	9 56	0 58	12 53	1 17	10 14	1 15	16 21	1 49	10 6	0 49	23 22	0 23	22 22	16 58	18 16	18 13	5 19		n.a.
T 4	18 18	15 14	5 10	24 4	1 51	9 26	0 56	13 4	1 17	10 8	1 14	16 22	1 49	10 7	0 49	23 22	0 23	22 22	16 58	18 16	18 14	5 22		n.a.
W 5	18 2	20 17	5 17	23 52	1 55	8 56	0 54	13 15	1 16	10 3	1 14	16 22	1 49	10 8	0 49	23 22	0 23	22 21	16 58	18 16	18 15	5 25		n.a.
T 6	17 45	24 8	5 6	23 38	1 58	8 26	0 51	13 26	1 16	9 58	1 14	16 23	1 49	10 8	0 49	23 21	0 23	22 20	16 58	18 16	18 16	5 29		n.a.
F 7	17 29	26 33	4 37	23 23	2 0	7 56	0 49	13 37	1 15	9 53	1 14	16 24	1 49	10 9	0 49	23 21	0 23	22 20	16 58	18 16	18 17	5 32		n.a.
S 8	17 12	27 24	3 54	23 7	2 3	7 25	0 46	13 48	1 14	9 48	1 14	16 24	1 49	10 10	0 49	23 21	0 23	22 19	16 57	18 15	18 17	5 35		n.a.
S 9	16 54	26 40	2 59	22 48	2 4	6 54	0 44	13 58	1 14	9 42	1 14	16 25	1 49	10 11	0 49	23 21	0 23	22 18	16 57	18 15	18 18	5 38		n.a.
M10	16 37	24 31	1 56	22 28	2 6	6 23	0 41	14 9	1 13	9 37	1 14	16 25	1 49	10 12	0 49	23 21	0 23	22 18	16 57	18 15	18 19	5 41		n.a.
T 11	16 19	21 10	0 48	22 5	2 7	5 52	0 38	14 20	1 13	9 32	1 14	16 26	1 50	10 13	0 49	23 21	0 23	22 17	16 57	18 15	18 20	5 44		n.a.
W12	16 1	16 54	0n21	21 41	2 7	5 21	0 36	14 30	1 12	9 26	1 14	16 26	1 50	10 14	0 49	23 21	0 23	22 16	16 57	18 15	18 21	5 48		n.a.
T 13	15 43	12 0	1 27	21 16	2 7	4 49	0 33	14 40	1 11	9 21	1 14	16 27	1 50	10 15	0 49	23 21	0 23	22 16	16 56	18 15	18 22	5 51		n.a.
F 14	15 24	6 42	2 30	20 48	2 7	4 18	0 30	14 50	1 10	9 16	1 14	16 27	1 50	10 16	0 49	23 21	0 23	22 15	16 56	18 15	18 22	5 54		n.a.
S 15	15 5	1 14	3 24	20 19	2 6	3 46	0 27	15 1	1 10	9 10	1 13	16 28	1 50	10 17	0 49	23 21	0 23	22 14	16 56	18 16	18 23	5 57		n.a.
S 16	14 46	4n13	4 10	19 47	2 4	3 15	0 25	15 11	1 9	9 5	1 13	16 28	1 50	10 17	0 49	23 21	0 23	22 14	16 56	18 16	18 24	6 0		n.a.
M17	14 27	9 30	4 44	19 14	2 2	2 43	0 22	15 21	1 8	8 59	1 13	16 28	1 50	10 18	0 49	23 21	0 23	22 13	16 56	18 17	18 25	6 3		n.a.
T 18	14 7	14 26	5 6	18 39	2 0	2 11	0 19	15 30	1 7	8 54	1 13	16 29	1 50	10 19	0 49	23 21	0 23	22 12	16 56	18 17	18 26	6 6		n.a.
W19	13 48	18 52	5 16	18 2	1 57	1 39	0 16	15 40	1 7	8 48	1 13	16 29	1 51	10 20	0 49	23 21	0 23	22 12	16 56	18 18	18 27	6 10		n.a.
T 20	13 28	22 36	5 11	17 23	1 53	1 7	0 13	15 50	1 6	8 43	1 13	16 29	1 51	10 21	0 49	23 21	0 23	22 11	16 56	18 18	18 27	6 13		n.a.
F 21	13 7	25 24	4 53	16 42	1 49	0 36	0 9	15 59	1 5	8 37	1 13	16 30	1 51	10 22	0 49	23 21	0 23	22 10	16 55	18 18	18 28	6 16		n.a.
S 22	12 47	27 3	4 20	16 0	1 45	0 4	0 6	16 9	1 4	8 32	1 13	16 30	1 51	10 23	0 49	23 21	0 23	22 10	16 55	18 18	18 29	6 19		n.a.
S 23	12 26	27 17	3 33	15 16	1 40	0n28	0 3	16 18	1 3	8 26	1 13	16 30	1 51	10 24	0 49	23 21	0 23	22 9	16 55	18 17	18 30	6 22		n.a.
M24	12 6	25 58	2 34	14 30	1 34	1 0	0 0	16 27	1 2	8 21	1 13	16 30	1 51	10 25	0 49	23 21	0 23	22 8	16 55	18 17	18 31	6 25		n.a.
T 25	11 45	23 4	1 24	13 42	1 28	1 32	0n 3	16 36	1 1	8 15	1 13	16 30	1 51	10 26	0 49	23 21	0 23	22 8	16 55	18 17	18 32	6 28		n.a.
W26	11 24	18 41	0 6	12 52	1 21	2 4	0 6	16 45	1 0	8 10	1 13	16 31	1 51	10 27	0 49	23 21	0 23	22 7	16 55	18 16	18 32	6 31		n.a.
T 27	11 2	13 6	1s13	12 1	1 13	2 36	0 10	16 54	0 59	8 4	1 13	16 31	1 52	10 28	0 49	23 21	0 23	22 7	16 55	18 17	18 33	6 35		n.a.
F 28	10s41	6n40	2s29	11s 9	1s 5	3n 7	0n13	17s 3	0n58	7s59	1s13	16s31	1n52	10n29	0n49	23s21	0n23	22s 6	16s55	18s17	18s34	6n38		n.a.

Julian Day Number = 1489520.5, Delta T = 05h15m53s
Ecliptic obliquity = 23°46'24, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'32, Lahiri = -12°43'32 Julian Calendar 1 Feb. 635 BCE == Greg. Calendar 25 Jan. 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

MARCH 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 6 18	3♓36'01	22♍16	6♓11	8♈28	20♏28	13♓ 0	21♏12	5°R12	3♑18	13♓27	8°R51	7♒46	6♈35	n.a.	S 1
S 2	10 10 15	4°34'56	7♎18	8°15	9°40	20°56	13°15	21°13	5♍ 9	3°19	13°29	8♒48	7°43	6°41	n.a.	S 2
M 3	10 14 12	5°33'50	22°13	10°20	10°51	21°25	13°29	21°13	5° 7	3°21	13°30	8°44	7°40	6°48	n.a.	M 3
T 4	10 18 8	6°32'41	6♏52	12°24	12° 2	21°53	13°43	21°14	5° 4	3°22	13°32	8°41	7°36	6°55	n.a.	T 4
W 5	10 22 5	7°31'31	21°10	14°29	13°14	22°20	13°57	21°14	5° 2	3°23	13°33	8°39	7°33	7° 1	n.a.	W 5
T 6	10 26 1	8°30'19	5♐ 5	16°33	14°25	22°48	14°12	21°14	4°59	3°24	13°35	8°D38	7°30	7° 8	n.a.	T 6
F 7	10 29 58	9°29'06	18°36	18°36	15°36	23°15	14°26	21°14	4°56	3°26	13°36	8°38	7°27	7°15	n.a.	F 7
S 8	10 33 54	10°27'50	1♑46	20°37	16°47	23°42	14°40	21°R14	4°54	3°27	13°37	8°40	7°24	7°21	n.a.	S 8
S 9	10 37 51	11°26'33	14°37	22°38	17°58	24° 9	14°55	21°14	4°51	3°28	13°39	8°41	7°21	7°28	n.a.	S 9
M10	10 41 47	12°25'14	27°13	24°37	19° 8	24°35	15° 9	21°14	4°49	3°29	13°40	8°43	7°17	7°35	n.a.	M10
T 11	10 45 44	13°23'53	9♒35	26°33	20°19	25° 1	15°23	21°14	4°46	3°30	13°42	8°R43	7°14	7°42	n.a.	T 11
W12	10 49 41	14°22'30	21°47	28°27	21°30	25°27	15°38	21°13	4°44	3°31	13°43	8°42	7°11	7°48	n.a.	W12
T 13	10 53 37	15°21'05	3♓51	0♈18	22°40	25°53	15°52	21°13	4°41	3°32	13°45	8°40	7° 8	7°55	n.a.	T 13
F 14	10 57 34	16°19'38	15°49	2° 6	23°50	26°18	16° 7	21°12	4°39	3°33	13°46	8°35	7° 5	8° 2	n.a.	F 14
S 15	11 1 30	17°18'09	27°43	3°50	25° 1	26°43	16°21	21°12	4°36	3°34	13°47	8°29	7° 1	8° 8	n.a.	S 15
S 16	11 5 27	18°16'37	9♈35	5°31	26°11	27° 8	16°35	21°11	4°34	3°35	13°49	8°22	6°58	8°15	n.a.	S 16
M17	11 9 23	19°15'04	21°26	7° 8	27°21	27°32	16°50	21°10	4°31	3°36	13°50	8°14	6°55	8°22	n.a.	M17
T 18	11 13 20	20°13'29	3♉18	8°41	28°31	27°57	17° 4	21° 9	4°29	3°37	13°52	8° 6	6°52	8°29	n.a.	T 18
W19	11 17 16	21°11'51	15°15	10° 9	29°41	28°20	17°18	21° 8	4°26	3°38	13°53	8° 0	6°49	8°35	n.a.	W19
T 20	11 21 13	22°10'12	27°18	11°33	0♉50	28°44	17°33	21° 7	4°24	3°38	13°54	7°55	6°46	8°42	n.a.	T 20
F 21	11 25 9	23° 8'30	9♊33	12°52	2° 0	29° 7	17°47	21° 6	4°21	3°39	13°56	7°52	6°42	8°49	n.a.	F 21
S 22	11 29 6	24° 6'46	22° 3	14° 7	3°10	29°30	18° 1	21° 4	4°19	3°40	13°57	7°D51	6°39	8°55	n.a.	S 22
S 23	11 33 3	25° 5'01	4♋53	15°16	4°19	29°52	18°15	21° 3	4°17	3°41	13°59	7°52	6°36	9° 2	n.a.	S 23
M24	11 36 59	26° 3'12	18° 6	16°21	5°28	0♐14	18°30	21° 1	4°14	3°41	14° 0	7°53	6°33	9° 9	n.a.	M24
T 25	11 40 56	27° 1'22	1♌45	17°21	6°37	0°36	18°44	21° 0	4°12	3°42	14° 2	7°R54	6°30	9°15	n.a.	T 25
W26	11 44 52	27°59'30	15°53	18°16	7°46	0°57	18°58	20°58	4°10	3°42	14° 3	7°54	6°26	9°22	n.a.	W26
T 27	11 48 49	28°57'35	0♍28	19° 5	8°55	1°18	19°12	20°56	4° 7	3°43	14° 4	7°52	6°23	9°29	n.a.	T 27
F 28	11 52 45	29°55'38	15°25	19°49	10° 4	1°39	19°27	20°54	4° 5	3°44	14° 6	7°48	6°20	9°36	n.a.	F 28
S 29	11 56 42	0♈53'40	0♎38	20°28	11°12	1°59	19°41	20°52	4° 3	3°44	14° 7	7°41	6°17	9°42	n.a.	S 29
S 30	12 0 38	1°51'40	15°56	21° 2	12°21	2°19	19°55	20°50	4° 1	3°45	14° 8	7°34	6°14	9°49	n.a.	S 30
M31	12 4 35	2♈49'38	1♏ 9	21♈30	13♉29	2♐38	20♓ 9	20♏48	3♍58	3♑45	14♓10	7♒25	6♒11	9♈56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	10s20	0s11	3s36	10s15	0s57	3n39	0n16	17s12	0n57	7s53	1s13	16s31	1n52	10n30	0n49	23s21	0n23	22s 5	16s55	18s18	18s35	6n41		n.a.	S 1
S 2	9 58	7 1	4 28	9 19	0 48	4 11	0 20	17 20	0 56	7 47	1 13	16 31	1 52	10 31	0 49	23 21	0 23	22 5	16 55	18 19	18 36	6 44		n.a.	S 2
M 3	9 36	13 24	5 1	8 23	0 38	4 42	0 23	17 29	0 55	7 42	1 13	16 31	1 52	10 32	0 49	23 21	0 23	22 4	16 55	18 20	18 37	6 47		n.a.	M 3
T 4	9 14	18 55	5 13	7 26	0 28	5 14	0 26	17 37	0 54	7 36	1 13	16 31	1 52	10 33	0 49	23 21	0 23	22 3	16 55	18 20	18 37	6 50		n.a.	T 4
W 5	8 52	23 13	5 6	6 28	0 18	5 45	0 30	17 46	0 53	7 31	1 13	16 31	1 52	10 34	0 49	23 21	0 23	22 3	16 54	18 21	18 38	6 53		n.a.	W 5
T 6	8 30	26 3	4 41	5 30	0 7	6 16	0 33	17 54	0 52	7 25	1 13	16 31	1 52	10 35	0 49	23 21	0 23	22 2	16 54	18 21	18 39	6 56		n.a.	T 6
F 7	8 7	27 16	4 1	4 31	0n 4	6 47	0 36	18 2	0 50	7 19	1 13	16 31	1 53	10 36	0 49	23 20	0 23	22 2	16 54	18 21	18 40	6 59		n.a.	F 7
S 8	7 45	26 54	3 8	3 32	0 15	7 18	0 40	18 10	0 49	7 14	1 13	16 31	1 53	10 37	0 49	23 20	0 23	22 1	16 54	18 21	18 41	7 3		n.a.	S 8
S 9	7 22	25 5	2 8	2 33	0 27	7 48	0 43	18 18	0 48	7 8	1 13	16 30	1 53	10 38	0 49	23 20	0 23	22 0	16 54	18 20	18 42	7 6		n.a.	S 9
M10	7 0	22 2	1 3	1 35	0 38	8 19	0 47	18 26	0 46	7 2	1 13	16 30	1 53	10 39	0 49	23 20	0 23	22 0	16 54	18 20	18 42	7 9		n.a.	M10
T 11	6 37	18 2	0n 5	0 38	0 50	8 49	0 50	18 34	0 45	6 57	1 13	16 30	1 53	10 39	0 49	23 20	0 23	21 59	16 54	18 20	18 43	7 12		n.a.	T 11
W12	6 14	13 20	1 11	0n19	1 1	9 19	0 54	18 41	0 44	6 51	1 12	16 30	1 53	10 40	0 49	23 20	0 23	21 59	16 54	18 20	18 44	7 15		n.a.	W12
T 13	5 51	8 11	2 13	1 14	1 13	9 49	0 57	18 49	0 42	6 46	1 12	16 30	1 53	10 41	0 49	23 20	0 23	21 58	16 54	18 21	18 45	7 18		n.a.	T 13
F 14	5 28	2 47	3 8	2 8	1 24	10 19	1 0	18 56	0 41	6 40	1 12	16 29	1 53	10 42	0 49	23 20	0 23	21 58	16 54	18 22	18 46	7 21		n.a.	F 14
S 15	5 5	2n40	3 55	3 0	1 35	10 48	1 4	19 3	0 39	6 34	1 12	16 29	1 54	10 43	0 49	23 20	0 23	21 57	16 54	18 24	18 46	7 24		n.a.	S 15
S 16	4 42	7 59	4 31	3 50	1 45	11 17	1 7	19 11	0 38	6 29	1 12	16 29	1 54	10 44	0 49	23 20	0 23	21 56	16 54	18 26	18 47	7 27		n.a.	S 16
M17	4 19	13 1	4 56	4 38	1 55	11 46	1 11	19 18	0 36	6 23	1 12	16 28	1 54	10 45	0 49	23 20	0 23	21 56	16 54	18 28	18 48	7 30		n.a.	M17
T 18	3 55	17 35	5 8	5 24	2 5	12 15	1 14	19 25	0 35	6 17	1 12	16 28	1 54	10 46	0 49	23 20	0 23	21 55	16 54	18 30	18 49	7 33		n.a.	T 18
W19	3 32	21 30	5 6	6 7	2 14	12 43	1 17	19 32	0 33	6 12	1 12	16 28	1 54	10 47	0 49	23 20	0 23	21 55	16 54	18 31	18 50	7 36		n.a.	W19
T 20	3 9	24 33	4 51	6 48	2 22	13 11	1 21	19 39	0 31	6 6	1 12	16 27	1 54	10 48	0 49	23 20	0 23	21 54	16 54	18 33	18 51	7 40		n.a.	T 20
F 21	2 46	26 31	4 23	7 27	2 30	13 39	1 24	19 45	0 30	6 0	1 12	16 27	1 54	10 49	0 49	23 20	0 23	21 54	16 55	18 33	18 51	7 43		n.a.	F 21
S 22	2 22	27 13	3 42	8 2	2 36	14 6	1 27	19 52	0 28	5 55	1 12	16 26	1 54	10 49	0 49	23 20	0 23	21 53	16 55	18 34	18 52	7 46		n.a.	S 22
S 23	1 59	26 29	2 48	8 35	2 42	14 33	1 31	19 59	0 26	5 49	1 12	16 26	1 54	10 50	0 49	23 20	0 23	21 53	16 55	18 33	18 53	7 49		n.a.	S 23
M24	1 35	24 16	1 45	9 5	2 48	15 0	1 34	20 5	0 24	5 43	1 13	16 25	1 55	10 51	0 49	23 20	0 23	21 52	16 55	18 33	18 54	7 52		n.a.	M24
T 25	1 12	20 35	0 33	9 32	2 52	15 26	1 37	20 12	0 22	5 38	1 13	16 25	1 55	10 52	0 49	23 20	0 23	21 52	16 55	18 33	18 55	7 55		n.a.	T 25
W26	0 49	15 37	0s43	9 57	2 55	15 52	1 40	20 18	0 20	5 32	1 13	16 24	1 55	10 53	0 49	23 20	0 23	21 51	16 55	18 33	18 55	7 58		n.a.	W26
T 27	0 25	9 37	1 58	10 18	2 57	16 18	1 43	20 24	0 19	5 26	1 13	16 24	1 55	10 54	0 49	23 20	0 23	21 51	16 55	18 33	18 56	8 1		n.a.	T 27
F 28	0 2	2 57	3 7	10 36	2 59	16 43	1 46	20 31	0 16	5 21	1 13	16 23	1 55	10 54	0 49	23 20	0 23	21 50	16 55	18 35	18 57	8 4		n.a.	F 28
S 29	0n22	3s59	4 4	10 51	2 59	17 8	1 50	20 37	0 14	5 15	1 13	16 22	1 55	10 55	0 49	23 20	0 23	21 50	16 55	18 36	18 58	8 7		n.a.	S 29
S 30	0 45	10 43	4 44	11 3	2 58	17 32	1 53	20 43	0 12	5 9	1 13	16 22	1 55	10 56	0 49	23 20	0 23	21 49	16 55	18 38	18 59	8 10		n.a.	S 30
M31	1n 8	16s46	5s 4	11n12	2n56	17n56	1n56	20s49	0n10	5s 4	1s13	16s21	1n55	10n57	0n49	23s20	0n23	21s49	16s55	18s40	18s59	8n13		n.a.	M31

Julian Day Number = 1489548.5, Delta T = 05h15m52s
Ecliptic obliquity = 23°46'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'28, Lahiri = -12°43'28 Julian Calendar 1 March 635 BCE == Greg. Calendar 22 Feb. 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

APRIL 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 8 32	3♈47'34	16♏ 5	21♈53	14♉37	2♐57	20♓23	20°R46	3°R56	3♑45	14♓11	7°R18	6♒ 7	10♈ 2	n.a.	T 1
W 2	12 12 28	4°45'30	0♐37	22°10	15°45	3°15	20°37	20♏44	3♍54	3°46	14°12	7♒12	6° 4	10° 9	n.a.	W 2
T 3	12 16 25	5°43'23	14°42	22°22	16°53	3°33	20°51	20°41	3°52	3°46	14°14	7° 8	6° 1	10°16	n.a.	T 3
F 4	12 20 21	6°41'16	28°19	22°29	18° 1	3°51	21° 6	20°39	3°50	3°46	14°15	7° 6	5°58	10°23	n.a.	F 4
S 5	12 24 18	7°39'07	11♑28	22°R31	19° 8	4° 8	21°20	20°36	3°48	3°47	14°17	7°D 5	5°55	10°29	n.a.	S 5
S 6	12 28 14	8°36'57	24°14	22°28	20°16	4°25	21°34	20°34	3°46	3°47	14°18	7° 6	5°52	10°36	n.a.	S 6
M 7	12 32 11	9°34'45	6♒42	22°20	21°23	4°41	21°48	20°31	3°44	3°47	14°19	7°R 7	5°48	10°43	n.a.	M 7
T 8	12 36 7	10°32'32	18°55	22° 7	22°30	4°56	22° 1	20°28	3°42	3°47	14°20	7° 6	5°45	10°49	n.a.	T 8
W 9	12 40 4	11°30'18	0♓57	21°50	23°37	5°11	22°15	20°25	3°40	3°47	14°22	7° 3	5°42	10°56	n.a.	W 9
T 10	12 44 1	12°28'02	12°53	21°30	24°44	5°26	22°29	20°22	3°38	3°48	14°23	6°58	5°39	11° 3	n.a.	T 10
F 11	12 47 57	13°25'45	24°45	21° 5	25°50	5°40	22°43	20°19	3°37	3°48	14°24	6°50	5°36	11°10	n.a.	F 11
S 12	12 51 54	14°23'27	6♈36	20°38	26°57	5°53	22°57	20°16	3°35	3°48	14°26	6°40	5°32	11°16	n.a.	S 12
S 13	12 55 50	15°21'07	18°27	20° 8	28° 3	6° 6	23°11	20°13	3°33	3°R48	14°27	6°28	5°29	11°23	n.a.	S 13
M14	12 59 47	16°18'45	0♉20	19°36	29° 9	6°18	23°24	20°10	3°31	3°48	14°28	6°15	5°26	11°30	n.a.	M14
T 15	13 3 43	17°16'23	12°17	19° 2	0♊15	6°29	23°38	20° 7	3°30	3°48	14°29	6° 2	5°23	11°36	n.a.	T 15
W16	13 7 40	18°13'58	24°18	18°27	1°21	6°40	23°52	20° 3	3°28	3°48	14°31	5°51	5°20	11°43	n.a.	W16
T 17	13 11 36	19°11'33	6♊27	17°52	2°26	6°51	24° 5	20° 0	3°27	3°47	14°32	5°42	5°17	11°50	n.a.	T 17
F 18	13 15 33	20° 9'06	18°45	17°18	3°31	7° 1	24°19	19°56	3°25	3°47	14°33	5°36	5°13	11°57	n.a.	F 18
S 19	13 19 30	21° 6'37	1♋16	16°44	4°36	7°10	24°33	19°53	3°24	3°47	14°34	5°32	5°10	12° 3	n.a.	S 19
S 20	13 23 26	22° 4'07	14° 4	16°12	5°41	7°18	24°46	19°49	3°22	3°47	14°35	5°30	5° 7	12°10	n.a.	S 20
M21	13 27 23	23° 1'36	27°12	15°42	6°46	7°26	25° 0	19°46	3°21	3°47	14°37	5°D30	5° 4	12°17	n.a.	M21
T 22	13 31 19	23°59'03	10♌44	15°14	7°50	7°33	25°13	19°42	3°20	3°46	14°38	5°R30	5° 1	12°23	n.a.	T 22
W23	13 35 16	24°56'28	24°41	14°49	8°54	7°40	25°26	19°38	3°18	3°46	14°39	5°29	4°58	12°30	n.a.	W23
T 24	13 39 12	25°53'52	9♍ 6	14°28	9°58	7°45	25°40	19°34	3°17	3°46	14°40	5°26	4°54	12°37	n.a.	T 24
F 25	13 43 9	26°51'15	23°55	14°10	11° 2	7°51	25°53	19°30	3°16	3°45	14°41	5°21	4°51	12°44	n.a.	F 25
S 26	13 47 5	27°48'36	9♎ 2	13°56	12° 5	7°55	26° 6	19°27	3°15	3°45	14°42	5°13	4°48	12°50	n.a.	S 26
S 27	13 51 2	28°45'56	24°18	13°46	13° 8	7°59	26°19	19°23	3°13	3°45	14°43	5° 3	4°45	12°57	n.a.	S 27
M28	13 54 59	29°43'15	9♏34	13°41	14°11	8° 2	26°32	19°19	3°12	3°44	14°44	4°52	4°42	13° 4	n.a.	M28
T 29	13 58 55	0♉40'34	24°36	13°D40	15°13	8° 4	26°45	19°15	3°11	3°44	14°45	4°42	4°38	13°10	n.a.	T 29
W30	14 2 52	1♉37'51	9♐17	13♈43	16♊16	8♐ 6	26♓58	19♏11	3♍10	3♑43	14♓46	4♒33	4♒35	13♈17	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n32	21s41	5s 2	11n18	2n53	18n20	1n58	20s55	0n 8	4s58	1s13	16s20	1n55	10n58	0n49	23s20	0n23	21s48	16s55	18s42	19s 0	8n16		n.a.
W 2	1 55	25 8	4 41	11 21	2 48	18 43	2 1	21 0	0 6	4 53	1 13	16 20	1 55	10 58	0 49	23 20	0 23	21 48	16 56	18 44	19 1	8 19		n.a.
T 3	2 18	26 54	4 3	11 20	2 43	19 6	2 4	21 6	0 3	4 47	1 13	16 19	1 56	10 59	0 49	23 20	0 23	21 48	16 56	18 45	19 2	8 22		n.a.
F 4	2 41	26 58	3 12	11 17	2 36	19 28	2 7	21 12	0 1	4 41	1 13	16 18	1 56	11 0	0 49	23 20	0 23	21 47	16 56	18 45	19 3	8 25		n.a.
S 5	3 5	25 28	2 13	11 10	2 28	19 50	2 10	21 17	0s 1	4 36	1 13	16 18	1 56	11 1	0 49	23 20	0 23	21 47	16 56	18 45	19 3	8 28		n.a.
S 6	3 28	22 41	1 8	11 0	2 19	20 11	2 12	21 23	0 4	4 30	1 13	16 17	1 56	11 1	0 49	23 20	0 23	21 46	16 56	18 45	19 4	8 31		n.a.
M 7	3 51	18 54	0 2	10 48	2 9	20 32	2 15	21 28	0 6	4 25	1 13	16 16	1 56	11 2	0 49	23 20	0 23	21 46	16 56	18 45	19 5	8 34		n.a.
T 8	4 14	14 22	1n 3	10 32	1 57	20 52	2 17	21 34	0 9	4 19	1 13	16 15	1 56	11 3	0 49	23 20	0 23	21 46	16 56	18 45	19 6	8 37		n.a.
W 9	4 37	9 22	2 4	10 14	1 45	21 12	2 20	21 39	0 12	4 14	1 13	16 14	1 56	11 3	0 49	23 20	0 23	21 45	16 56	18 46	19 7	8 40		n.a.
T 10	5 0	4 4	2 58	9 54	1 31	21 31	2 22	21 44	0 14	4 8	1 13	16 14	1 56	11 4	0 49	23 20	0 23	21 45	16 57	18 47	19 7	8 43		n.a.
F 11	5 22	1n19	3 45	9 31	1 17	21 50	2 25	21 50	0 17	4 3	1 13	16 13	1 56	11 5	0 49	23 20	0 23	21 44	16 57	18 49	19 8	8 46		n.a.
S 12	5 45	6 39	4 21	9 7	1 2	22 8	2 27	21 55	0 20	3 57	1 13	16 12	1 56	11 5	0 49	23 20	0 23	21 44	16 57	18 52	19 9	8 49		n.a.
S 13	6 8	11 44	4 47	8 41	0 46	22 25	2 29	22 0	0 23	3 52	1 13	16 11	1 56	11 6	0 49	23 20	0 23	21 44	16 57	18 55	19 10	8 52		n.a.
M14	6 30	16 25	5 0	8 13	0 29	22 42	2 31	22 5	0 25	3 46	1 13	16 10	1 56	11 6	0 49	23 20	0 23	21 43	16 57	18 58	19 10	8 55		n.a.
T 15	6 52	20 28	4 59	7 45	0 12	22 59	2 33	22 10	0 28	3 41	1 13	16 9	1 56	11 7	0 49	23 20	0 23	21 43	16 57	19 2	19 11	8 58		n.a.
W16	7 15	23 43	4 46	7 16	0s 5	23 15	2 35	22 15	0 31	3 35	1 13	16 8	1 56	11 8	0 49	23 20	0 23	21 43	16 58	19 4	19 12	9 1		n.a.
T 17	7 37	25 57	4 20	6 46	0 22	23 30	2 37	22 19	0 35	3 30	1 14	16 7	1 56	11 8	0 49	23 20	0 23	21 42	16 58	19 7	19 13	9 4		n.a.
F 18	7 59	26 57	3 41	6 17	0 39	23 45	2 39	22 24	0 38	3 25	1 14	16 6	1 56	11 9	0 48	23 20	0 23	21 42	16 58	19 8	19 14	9 7		n.a.
S 19	8 21	26 37	2 51	5 49	0 56	23 59	2 40	22 29	0 41	3 19	1 14	16 5	1 57	11 9	0 48	23 20	0 23	21 42	16 58	19 9	19 14	9 10		n.a.
S 20	8 43	24 51	1 51	5 21	1 12	24 12	2 42	22 34	0 44	3 14	1 14	16 4	1 57	11 10	0 48	23 20	0 23	21 42	16 58	19 9	19 15	9 13		n.a.
M21	9 4	21 44	0 44	4 55	1 28	24 25	2 43	22 38	0 48	3 9	1 14	16 3	1 57	11 10	0 48	23 20	0 23	21 41	16 59	19 9	19 16	9 16		n.a.
T 22	9 26	17 21	0s28	4 30	1 43	24 38	2 45	22 43	0 51	3 3	1 14	16 2	1 57	11 11	0 48	23 20	0 23	21 41	16 59	19 9	19 17	9 19		n.a.
W23	9 47	11 55	1 40	4 7	1 58	24 49	2 46	22 47	0 54	2 58	1 14	16 1	1 57	11 11	0 48	23 20	0 23	21 41	16 59	19 10	19 18	9 22		n.a.
T 24	10 8	5 41	2 48	3 46	2 12	25 1	2 47	22 52	0 58	2 53	1 14	16 0	1 57	11 11	0 48	23 20	0 23	21 41	16 59	19 10	19 18	9 25		n.a.
F 25	10 30	1s 0	3 46	3 27	2 24	25 11	2 48	22 56	1 2	2 47	1 14	15 59	1 57	11 12	0 48	23 20	0 23	21 40	17 0	19 12	19 19	9 28		n.a.
S 26	10 50	7 45	4 30	3 11	2 36	25 21	2 49	23 0	1 5	2 42	1 14	15 58	1 57	11 12	0 48	23 20	0 23	21 40	17 0	19 14	19 20	9 31		n.a.
S 27	11 11	14 7	4 55	2 57	2 47	25 30	2 50	23 5	1 9	2 37	1 14	15 57	1 57	11 13	0 48	23 20	0 23	21 40	17 0	19 16	19 21	9 34		n.a.
M28	11 32	19 36	4 59	2 46	2 57	25 39	2 51	23 9	1 13	2 32	1 14	15 56	1 57	11 13	0 48	23 20	0 23	21 40	17 0	19 19	19 21	9 37		n.a.
T 29	11 52	23 45	4 43	2 37	3 5	25 47	2 51	23 13	1 16	2 27	1 15	15 55	1 57	11 13	0 48	23 20	0 23	21 39	17 1	19 21	19 22	9 40		n.a.
W30	12n12	26s14	4s 8	2n32	3s13	25n54	2n52	23s17	1s20	2s22	1s15	15s53	1n57	11n14	0n48	23s20	0n23	21s39	17s 1	19s23	19s23	9n43		n.a.

Julian Day Number = 1489579.5, Delta T = 05h15m50s
Ecliptic obliquity = 23°46'24, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'24, Lahiri = -12°43'23 Julian Calendar 1 Apr. 635 BCE == Greg. Calendar 25 March 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

MAY 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 6 48	2♉35'08	23♐30	13♈51	17♊18	8♐ 6	27♓11	19°R 6	3°R10	3°R43	14♓47	4°R27	4♒32	13♈24	n.a.	T 1
F 2	14 10 45	3°32'24	7♑13	14° 3	18°19	8°R 6	27°24	19♏ 2	3♍ 9	3♑42	14°48	4♒23	4°29	13°31	n.a.	F 2
S 3	14 14 41	4°29'40	20°28	14°20	19°21	8° 6	27°37	18°58	3° 8	3°41	14°49	4°22	4°26	13°37	n.a.	S 3
S 4	14 18 38	5°26'55	3♒16	14°41	20°22	8° 4	27°50	18°54	3° 7	3°41	14°50	4°21	4°23	13°44	n.a.	S 4
M 5	14 22 34	6°24'09	15°43	15° 7	21°22	8° 2	28° 2	18°50	3° 6	3°40	14°51	4°21	4°19	13°51	n.a.	M 5
T 6	14 26 31	7°21'23	27°54	15°37	22°23	7°59	28°15	18°46	3° 6	3°39	14°52	4°20	4°16	13°57	n.a.	T 6
W 7	14 30 28	8°18'37	9♓54	16°11	23°23	7°55	28°27	18°41	3° 5	3°39	14°53	4°17	4°13	14° 4	n.a.	W 7
T 8	14 34 24	9°15'49	21°47	16°50	24°22	7°51	28°40	18°37	3° 4	3°38	14°54	4°11	4°10	14°11	n.a.	T 8
F 9	14 38 21	10°13'02	3♈37	17°32	25°22	7°46	28°52	18°33	3° 4	3°37	14°55	4° 3	4° 7	14°18	n.a.	F 9
S 10	14 42 17	11°10'14	15°27	18°19	26°21	7°40	29° 5	18°28	3° 3	3°36	14°56	3°52	4° 3	14°24	n.a.	S 10
S 11	14 46 14	12° 7'25	27°20	19° 9	27°19	7°33	29°17	18°24	3° 3	3°35	14°57	3°39	4° 0	14°31	n.a.	S 11
M12	14 50 10	13° 4'36	9♉19	20° 3	28°17	7°26	29°29	18°20	3° 3	3°35	14°58	3°26	3°57	14°38	n.a.	M12
T 13	14 54 7	14° 1'47	21°22	21° 1	29°15	7°17	29°41	18°15	3° 2	3°34	14°59	3°13	3°54	14°44	n.a.	T 13
W14	14 58 3	14°58'57	3♊34	22° 3	0♋12	7° 8	29°53	18°11	3° 2	3°33	14°59	3° 1	3°51	14°51	n.a.	W14
T 15	15 2 0	15°56'07	15°53	23° 8	1° 9	6°59	0♈ 5	18° 6	3° 2	3°32	15° 0	2°51	3°48	14°58	n.a.	T 15
F 16	15 5 57	16°53'16	28°22	24°17	2° 6	6°49	0°17	18° 2	3° 2	3°31	15° 1	2°44	3°44	15° 5	n.a.	F 16
S 17	15 9 53	17°50'24	11♋ 2	25°29	3° 2	6°38	0°29	17°58	3° 2	3°30	15° 2	2°40	3°41	15°11	n.a.	S 17
S 18	15 13 50	18°47'32	23°55	26°45	3°57	6°26	0°41	17°53	3°D 2	3°29	15° 2	2°38	3°38	15°18	n.a.	S 18
M19	15 17 46	19°44'39	7♌ 6	28° 4	4°52	6°14	0°53	17°49	3° 2	3°28	15° 3	2°D38	3°35	15°25	n.a.	M19
T 20	15 21 43	20°41'46	20°35	29°26	5°46	6° 1	1° 4	17°44	3° 2	3°27	15° 4	2°R38	3°32	15°31	n.a.	T 20
W21	15 25 39	21°38'51	4♍25	0♉52	6°40	5°48	1°16	17°40	3° 2	3°26	15° 5	2°38	3°29	15°38	n.a.	W21
T 22	15 29 36	22°35'57	18°38	2°21	7°33	5°34	1°27	17°36	3° 2	3°25	15° 5	2°36	3°25	15°45	n.a.	T 22
F 23	15 33 32	23°33'02	3♎11	3°53	8°26	5°20	1°38	17°31	3° 2	3°23	15° 6	2°31	3°22	15°52	n.a.	F 23
S 24	15 37 29	24°30'06	18° 1	5°29	9°18	5° 6	1°49	17°27	3° 2	3°22	15° 6	2°24	3°19	15°58	n.a.	S 24
S 25	15 41 26	25°27'10	3♏ 2	7° 8	10°10	4°50	2° 1	17°23	3° 3	3°21	15° 7	2°15	3°16	16° 5	n.a.	S 25
M26	15 45 22	26°24'14	18° 3	8°50	11° 0	4°35	2°12	17°18	3° 3	3°20	15° 8	2° 6	3°13	16°12	n.a.	M26
T 27	15 49 19	27°21'18	2♐57	10°34	11°50	4°19	2°23	17°14	3° 4	3°19	15° 8	1°57	3° 9	16°18	n.a.	T 27
W28	15 53 15	28°18'22	17°33	12°22	12°40	4° 3	2°33	17°10	3° 4	3°17	15° 9	1°49	3° 6	16°25	n.a.	W28
T 29	15 57 12	29°15'26	1♑45	14°13	13°28	3°46	2°44	17° 5	3° 5	3°16	15° 9	1°43	3° 3	16°32	n.a.	T 29
F 30	16 1 8	0♊12'31	15°30	16° 7	14°16	3°30	2°55	17° 1	3° 5	3°15	15°10	1°40	3° 0	16°39	n.a.	F 30
S 31	16 5 5	1♊ 9'35	28♑48	18♉ 3	15♋ 3	3♐13	3♈ 5	16♏57	3♍ 6	3♑14	15♓10	1°D39	2♒57	16♈45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n32	26s54	3s18	2n29	3s19	26n 1	2n52	23s21	1s24	2s16	1s15	15s52	1n57	11n14	0n48	23s20	0n23	21s39	17s 1	19s25	19s24	9n46		n.a.
F 2	12 52	25 52	2 18	2 29	3 25	26 7	2 52	23 25	1 28	2 11	1 15	15 51	1 57	11 14	0 48	23 20	0 23	21 39	17 1	19 26	19 24	9 49		n.a.
S 3	13 12	23 23	1 13	2 31	3 29	26 12	2 52	23 29	1 32	2 6	1 15	15 50	1 57	11 14	0 48	23 20	0 23	21 39	17 2	19 26	19 25	9 52		n.a.
S 4	13 31	19 47	0 6	2 37	3 32	26 17	2 52	23 33	1 36	2 1	1 15	15 49	1 57	11 15	0 48	23 20	0 23	21 39	17 2	19 26	19 26	9 55		n.a.
M 5	13 50	15 24	1n 0	2 45	3 35	26 21	2 52	23 36	1 40	1 56	1 15	15 48	1 57	11 15	0 48	23 20	0 23	21 38	17 2	19 26	19 27	9 58		n.a.
T 6	14 9	10 29	2 1	2 55	3 36	26 24	2 52	23 40	1 45	1 51	1 15	15 47	1 57	11 15	0 48	23 20	0 23	21 38	17 2	19 27	19 28	10 1		n.a.
W 7	14 28	5 15	2 56	3 8	3 36	26 27	2 51	23 43	1 49	1 46	1 15	15 45	1 57	11 15	0 48	23 20	0 23	21 38	17 3	19 27	19 28	10 4		n.a.
T 8	14 47	0n 6	3 43	3 23	3 36	26 30	2 51	23 47	1 53	1 41	1 15	15 44	1 57	11 16	0 48	23 20	0 23	21 38	17 3	19 29	19 29	10 7		n.a.
F 9	15 5	5 25	4 19	3 41	3 34	26 31	2 50	23 50	1 57	1 36	1 16	15 43	1 57	11 16	0 48	23 20	0 23	21 38	17 3	19 31	19 30	10 10		n.a.
S 10	15 23	10 32	4 45	4 1	3 32	26 32	2 49	23 54	2 2	1 32	1 16	15 42	1 57	11 16	0 48	23 20	0 23	21 38	17 4	19 33	19 31	10 13		n.a.
S 11	15 41	15 17	4 58	4 23	3 29	26 33	2 48	23 57	2 6	1 27	1 16	15 41	1 57	11 16	0 48	23 20	0 23	21 38	17 4	19 36	19 31	10 15		n.a.
M12	15 59	19 30	4 58	4 47	3 25	26 32	2 47	24 0	2 10	1 22	1 16	15 40	1 56	11 16	0 48	23 20	0 23	21 38	17 4	19 40	19 32	10 18		n.a.
T 13	16 16	22 56	4 45	5 13	3 20	26 31	2 45	24 3	2 15	1 17	1 16	15 38	1 56	11 16	0 48	23 20	0 23	21 38	17 4	19 43	19 33	10 21		n.a.
W14	16 33	25 24	4 19	5 41	3 15	26 30	2 44	24 6	2 19	1 12	1 16	15 37	1 56	11 16	0 47	23 20	0 23	21 38	17 5	19 45	19 34	10 24		n.a.
T 15	16 50	26 40	3 40	6 11	3 9	26 28	2 42	24 8	2 24	1 8	1 16	15 36	1 56	11 16	0 47	23 20	0 23	21 38	17 5	19 48	19 34	10 27		n.a.
F 16	17 7	26 37	2 51	6 43	3 2	26 25	2 40	24 11	2 28	1 3	1 16	15 35	1 56	11 16	0 47	23 20	0 23	21 38	17 5	19 49	19 35	10 30		n.a.
S 17	17 23	25 10	1 52	7 16	2 55	26 22	2 38	24 13	2 33	0 58	1 17	15 34	1 56	11 16	0 47	23 20	0 23	21 38	17 6	19 50	19 36	10 33		n.a.
S 18	17 39	22 23	0 46	7 51	2 47	26 18	2 36	24 16	2 37	0 54	1 17	15 33	1 56	11 16	0 47	23 20	0 23	21 38	17 6	19 51	19 37	10 36		n.a.
M19	17 55	18 23	0s24	8 28	2 39	26 14	2 33	24 18	2 42	0 49	1 17	15 31	1 56	11 16	0 47	23 20	0 23	21 38	17 6	19 51	19 37	10 39		n.a.
T 20	18 11	13 21	1 34	9 5	2 30	26 9	2 31	24 20	2 46	0 45	1 17	15 30	1 56	11 16	0 47	23 20	0 23	21 38	17 7	19 51	19 38	10 42		n.a.
W21	18 26	7 32	2 40	9 44	2 21	26 4	2 28	24 22	2 51	0 40	1 17	15 29	1 56	11 16	0 47	23 20	0 23	21 38	17 7	19 51	19 39	10 45		n.a.
T 22	18 41	1 13	3 38	10 25	2 11	25 58	2 25	24 24	2 55	0 36	1 17	15 28	1 56	11 16	0 47	23 21	0 23	21 38	17 7	19 51	19 40	10 47		n.a.
F 23	18 55	5s19	4 24	11 6	2 1	25 51	2 22	24 26	2 59	0 31	1 17	15 27	1 56	11 16	0 47	23 21	0 23	21 38	17 8	19 52	19 40	10 50		n.a.
S 24	19 10	11 40	4 53	11 48	1 50	25 44	2 18	24 27	3 4	0 27	1 18	15 26	1 56	11 16	0 47	23 21	0 23	21 38	17 8	19 54	19 41	10 53		n.a.
S 25	19 24	17 25	5 3	12 31	1 39	25 37	2 15	24 29	3 8	0 23	1 18	15 24	1 56	11 15	0 47	23 21	0 23	21 38	17 8	19 56	19 42	10 56		n.a.
M26	19 37	22 6	4 51	13 15	1 28	25 29	2 11	24 30	3 12	0 18	1 18	15 23	1 55	11 15	0 47	23 21	0 23	21 38	17 9	19 58	19 43	10 59		n.a.
T 27	19 51	25 17	4 20	13 59	1 17	25 21	2 7	24 31	3 17	0 14	1 18	15 22	1 55	11 15	0 47	23 21	0 23	21 38	17 9	20 0	19 43	11 2		n.a.
W28	20 4	26 42	3 32	14 44	1 5	25 12	2 3	24 32	3 21	0 10	1 18	15 21	1 55	11 15	0 47	23 21	0 23	21 38	17 9	20 2	19 44	11 5		n.a.
T 29	20 16	26 18	2 32	15 29	0 53	25 2	1 58	24 33	3 25	0 6	1 18	15 20	1 55	11 15	0 47	23 21	0 23	21 38	17 10	20 3	19 45	11 8		n.a.
F 30	20 29	24 16	1 25	16 13	0 42	24 53	1 54	24 34	3 29	0 1	1 19	15 19	1 55	11 14	0 47	23 21	0 23	21 38	17 10	20 4	19 46	11 10		n.a.
S 31	20n41	20s56	0s15	16n58	0s30	24n43	1n49	24s34	3s33	0n 3	1s19	15s18	1n55	11n14	0n47	23s21	0n23	21s38	17s10	20s 4	19s46	11n13		n.a.

Julian Day Number = 1489609.5, Delta T = 05h15m49s
Ecliptic obliquity = 23°46'24, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'20, Lahiri = -12°43'19 Julian Calendar 1 May 635 BCE == Greg. Calendar 24 Apr. 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

JUNE 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 9 2	2♊ 6'40	11♒40	20♉ 1	15♋50	2°R56	3♈16	16°R53	3♍ 6	3°R12	15♓11	1♒39	2♒54	16♈52	n.a.	S 1
M 2	16 12 58	3° 3'45	24°10	22° 2	16°35	2♐39	3°26	16♏49	3° 7	3♑11	15°11	1°40	2°50	16°59	n.a.	M 2
T 3	16 16 55	4° 0'51	6♓23	24° 5	17°20	2°21	3°36	16°45	3° 8	3°10	15°12	1°R40	2°47	17° 5	n.a.	T 3
W 4	16 20 51	4°57'57	18°24	26° 9	18° 4	2° 4	3°47	16°40	3° 9	3° 8	15°12	1°39	2°44	17°12	n.a.	W 4
T 5	16 24 48	5°55'04	0♈18	28°15	18°46	1°47	3°57	16°36	3°10	3° 7	15°12	1°36	2°41	17°19	n.a.	T 5
F 6	16 28 44	6°52'11	12° 9	0♊23	19°28	1°30	4° 7	16°32	3°11	3° 5	15°13	1°31	2°38	17°26	n.a.	F 6
S 7	16 32 41	7°49'18	24° 1	2°31	20° 9	1°13	4°16	16°28	3°12	3° 4	15°13	1°24	2°35	17°32	n.a.	S 7
S 8	16 36 37	8°46'27	5♉59	4°39	20°49	0°56	4°26	16°25	3°13	3° 3	15°13	1°15	2°31	17°39	n.a.	S 8
M 9	16 40 34	9°43'35	18° 3	6°48	21°27	0°39	4°36	16°21	3°14	3° 1	15°14	1° 6	2°28	17°46	n.a.	M 9
T 10	16 44 31	10°40'45	0♊16	8°57	22° 5	0°23	4°45	16°17	3°15	3° 0	15°14	0°56	2°25	17°52	n.a.	T 10
W11	16 48 27	11°37'55	12°40	11° 6	22°41	0° 6	4°54	16°13	3°16	2°58	15°14	0°48	2°22	17°59	n.a.	W11
T 12	16 52 24	12°35'05	25°14	13°15	23°16	29♏51	5° 4	16° 9	3°17	2°57	15°15	0°41	2°19	18° 6	n.a.	T 12
F 13	16 56 20	13°32'16	8♋ 0	15°22	23°50	29°35	5°13	16° 6	3°19	2°55	15°15	0°37	2°15	18°13	n.a.	F 13
S 14	17 0 17	14°29'27	20°57	17°29	24°23	29°20	5°22	16° 2	3°20	2°54	15°15	0°35	2°12	18°19	n.a.	S 14
S 15	17 4 13	15°26'39	4♌ 6	19°35	24°54	29° 6	5°31	15°59	3°22	2°52	15°15	0°D34	2° 9	18°26	n.a.	S 15
M16	17 8 10	16°23'51	17°29	21°39	25°24	28°52	5°39	15°55	3°23	2°51	15°15	0°35	2° 6	18°33	n.a.	M16
T 17	17 12 7	17°21'03	1♍ 6	23°42	25°52	28°38	5°48	15°52	3°25	2°49	15°15	0°36	2° 3	18°40	n.a.	T 17
W18	17 16 3	18°18'16	14°57	25°44	26°19	28°26	5°56	15°48	3°26	2°48	15°16	0°R37	2° 0	18°46	n.a.	W18
T 19	17 20 0	19°15'29	29° 3	27°44	26°44	28°13	6° 5	15°45	3°28	2°46	15°16	0°37	1°56	18°53	n.a.	T 19
F 20	17 23 56	20°12'42	13♎23	29°43	27° 7	28° 2	6°13	15°42	3°29	2°44	15°16	0°35	1°53	19° 0	n.a.	F 20
S 21	17 27 53	21° 9'56	27°53	1♋40	27°29	27°51	6°21	15°38	3°31	2°43	15°16	0°31	1°50	19° 6	n.a.	S 21
S 22	17 31 49	22° 7'11	12♏30	3°35	27°49	27°41	6°29	15°35	3°33	2°41	15°16	0°27	1°47	19°13	n.a.	S 22
M23	17 35 46	23° 4'26	27° 7	5°29	28° 7	27°31	6°37	15°32	3°35	2°40	15°R16	0°21	1°44	19°20	n.a.	M23
T 24	17 39 42	24° 1'42	11♐38	7°21	28°23	27°22	6°44	15°29	3°36	2°38	15°16	0°16	1°41	19°27	n.a.	T 24
W25	17 43 39	24°58'59	25°56	9°11	28°37	27°14	6°52	15°27	3°38	2°36	15°16	0°11	1°37	19°33	n.a.	W25
T 26	17 47 36	25°56'17	9♑55	11° 0	28°50	27° 7	6°59	15°24	3°40	2°35	15°16	0° 8	1°34	19°40	n.a.	T 26
F 27	17 51 32	26°53'36	23°33	12°47	29° 0	27° 0	7° 6	15°21	3°42	2°33	15°16	0° 7	1°31	19°47	n.a.	F 27
S 28	17 55 29	27°50'55	6♒48	14°32	29° 8	26°55	7°14	15°18	3°44	2°32	15°15	0°D 7	1°28	19°53	n.a.	S 28
S 29	17 59 25	28°48'17	19°40	16°16	29°14	26°50	7°20	15°16	3°46	2°30	15°15	0° 8	1°25	20° 0	n.a.	S 29
M30	18 3 22	29♊45'39	2♓12	17♋58	29♋17	26♏46	7♈27	15♏13	3♍48	2♑28	15♓15	0♒ 9	1♒21	20♈ 7	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n52	16s40	0n53	17n42	0s18	24n32	1n44	24s35	3s37	0n 7	1s19	15s17	1n55	11n14	0n47	23s21	0n23	21s38	17s11	20s 4	19s47	11n16		n.a.
M 2	21 4	11 48	1 57	18 25	0 7	24 21	1 38	24 35	3 41	0 11	1 19	15 16	1 55	11 13	0 47	23 21	0 23	21 39	17 11	20 4	19 48	11 19		n.a.
T 3	21 15	6 35	2 55	19 7	0n 4	24 10	1 33	24 35	3 44	0 15	1 19	15 15	1 55	11 13	0 47	23 21	0 23	21 39	17 11	20 4	19 49	11 22		n.a.
W 4	21 25	1 14	3 43	19 48	0 15	23 58	1 27	24 35	3 48	0 19	1 19	15 14	1 54	11 13	0 47	23 21	0 23	21 39	17 12	20 4	19 49	11 25		n.a.
T 5	21 36	4n 7	4 22	20 28	0 26	23 46	1 21	24 35	3 51	0 22	1 20	15 13	1 54	11 12	0 47	23 21	0 23	21 39	17 12	20 5	19 50	11 28		n.a.
F 6	21 46	9 17	4 48	21 6	0 36	23 34	1 14	24 35	3 55	0 26	1 20	15 12	1 54	11 12	0 46	23 21	0 23	21 39	17 12	20 6	19 51	11 30		n.a.
S 7	21 55	14 8	5 3	21 42	0 46	23 21	1 8	24 34	3 58	0 30	1 20	15 11	1 54	11 12	0 46	23 21	0 23	21 39	17 13	20 8	19 52	11 33		n.a.
S 8	22 4	18 28	5 4	22 16	0 55	23 8	1 1	24 34	4 1	0 34	1 20	15 10	1 54	11 11	0 46	23 21	0 23	21 40	17 13	20 10	19 52	11 36		n.a.
M 9	22 13	22 7	4 52	22 47	1 3	22 55	0 54	24 33	4 5	0 37	1 20	15 9	1 54	11 11	0 46	23 21	0 23	21 40	17 13	20 12	19 53	11 39		n.a.
T 10	22 22	24 50	4 27	23 16	1 11	22 42	0 47	24 32	4 8	0 41	1 20	15 8	1 54	11 10	0 46	23 21	0 23	21 40	17 14	20 14	19 54	11 42		n.a.
W11	22 30	26 24	3 49	23 43	1 18	22 28	0 39	24 32	4 10	0 45	1 21	15 7	1 53	11 10	0 46	23 21	0 23	21 40	17 14	20 16	19 54	11 45		n.a.
T 12	22 37	26 40	2 59	24 6	1 25	22 15	0 31	24 31	4 13	0 48	1 21	15 6	1 53	11 9	0 46	23 21	0 23	21 40	17 15	20 17	19 55	11 47		n.a.
F 13	22 45	25 30	1 59	24 27	1 31	22 1	0 23	24 30	4 16	0 52	1 21	15 5	1 53	11 9	0 46	23 21	0 23	21 41	17 15	20 18	19 56	11 50		n.a.
S 14	22 51	22 58	0 52	24 46	1 36	21 46	0 14	24 29	4 18	0 55	1 21	15 4	1 53	11 8	0 46	23 21	0 23	21 41	17 15	20 18	19 57	11 53		n.a.
S 15	22 58	19 11	0s19	25 1	1 40	21 32	0 5	24 28	4 21	0 58	1 21	15 3	1 53	11 8	0 46	23 21	0 23	21 41	17 16	20 19	19 57	11 56		n.a.
M16	23 4	14 23	1 30	25 14	1 44	21 18	0s 4	24 27	4 23	1 2	1 22	15 2	1 53	11 7	0 46	23 21	0 23	21 41	17 16	20 18	19 58	11 59		n.a.
T 17	23 10	8 47	2 38	25 24	1 47	21 3	0 13	24 26	4 25	1 5	1 22	15 1	1 52	11 7	0 46	23 22	0 23	21 42	17 16	20 18	19 59	12 2		n.a.
W18	23 15	2 41	3 37	25 31	1 49	20 49	0 23	24 25	4 27	1 8	1 22	15 1	1 52	11 6	0 46	23 22	0 23	21 42	17 17	20 18	20 0	12 4		n.a.
T 19	23 20	3s39	4 24	25 36	1 50	20 34	0 33	24 24	4 29	1 11	1 22	15 0	1 52	11 5	0 46	23 22	0 23	21 42	17 17	20 18	20 0	12 7		n.a.
F 20	23 24	9 53	4 56	25 38	1 51	20 20	0 43	24 23	4 30	1 15	1 22	14 59	1 52	11 5	0 46	23 22	0 23	21 43	17 17	20 18	20 1	12 10		n.a.
S 21	23 28	15 40	5 10	25 37	1 52	20 5	0 53	24 22	4 32	1 18	1 23	14 58	1 52	11 4	0 46	23 22	0 23	21 43	17 18	20 19	20 2	12 13		n.a.
S 22	23 32	20 36	5 3	25 35	1 51	19 50	1 4	24 21	4 34	1 21	1 23	14 57	1 52	11 3	0 46	23 22	0 23	21 43	17 18	20 20	20 2	12 15		n.a.
M23	23 35	24 16	4 37	25 30	1 50	19 36	1 15	24 20	4 35	1 23	1 23	14 57	1 51	11 3	0 46	23 22	0 23	21 44	17 19	20 21	20 3	12 18		n.a.
T 24	23 38	26 21	3 53	25 23	1 49	19 21	1 27	24 19	4 36	1 26	1 23	14 56	1 51	11 2	0 46	23 22	0 23	21 44	17 19	20 23	20 4	12 21		n.a.
W25	23 41	26 38	2 55	25 14	1 47	19 7	1 38	24 18	4 37	1 29	1 24	14 55	1 51	11 1	0 46	23 22	0 23	21 44	17 19	20 24	20 5	12 24		n.a.
T 26	23 43	25 11	1 48	25 3	1 44	18 53	1 50	24 18	4 38	1 32	1 24	14 55	1 51	11 0	0 46	23 22	0 23	21 45	17 20	20 24	20 5	12 27		n.a.
F 27	23 44	22 16	0 36	24 50	1 41	18 39	2 3	24 17	4 39	1 35	1 24	14 54	1 51	11 0	0 46	23 22	0 23	21 45	17 20	20 25	20 6	12 29		n.a.
S 28	23 45	18 15	0n36	24 35	1 38	18 25	2 15	24 16	4 40	1 37	1 24	14 54	1 50	10 59	0 46	23 22	0 23	21 45	17 20	20 25	20 7	12 32		n.a.
S 29	23 46	13 28	1 45	24 19	1 33	18 11	2 28	24 16	4 41	1 40	1 24	14 53	1 50	10 58	0 46	23 22	0 23	21 46	17 21	20 24	20 7	12 35		n.a.
M30	23n46	8s15	2n46	24n 1	1n29	17n58	2s41	24s15	4s41	1n42	1s25	14s52	1n50	10n57	0n45	23s22	0n23	21s46	17s21	20s24	20s 8	12n38		n.a.

Julian Day Number = 1489640.5, Delta T = 05h15m47s
Ecliptic obliquity = 23°46'23, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'16, Lahiri = -12°43'15 Julian Calendar 1 June 635 BCE == Greg. Calendar 25 May 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

JULY 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 7 18	0♋43'02	14♓27	19♋38	29°R19	26°R42	7♈34	15°R11	3♍51	2°R27	15°R15	0♒11	1♒18	20♈14	n.a.	T 1
W 2	18 11 15	1°40'27	26°30	21°17	29♋18	26♏40	7°40	15♏ 8	3°53	2♑25	15♓15	0°R12	1°15	20°20	n.a.	W 2
T 3	18 15 11	2°37'54	8♈26	22°54	29°15	26°38	7°47	15° 6	3°55	2°23	15°15	0°12	1°12	20°27	n.a.	T 3
F 4	18 19 8	3°35'22	20°18	24°30	29° 9	26°37	7°53	15° 4	3°57	2°22	15°14	0°11	1° 9	20°34	n.a.	F 4
S 5	18 23 5	4°32'51	2♉13	26° 4	29° 1	26°D37	7°59	15° 2	4° 0	2°20	15°14	0° 8	1° 6	20°41	n.a.	S 5
S 6	18 27 1	5°30'22	14°13	27°36	28°51	26°38	8° 5	15° 0	4° 2	2°19	15°14	0° 5	1° 2	20°47	n.a.	S 6
M 7	18 30 58	6°27'54	26°23	29° 7	28°38	26°39	8°10	14°58	4° 4	2°17	15°14	0° 2	0°59	20°54	n.a.	M 7
T 8	18 34 54	7°25'28	8♊45	0♌36	28°23	26°42	8°16	14°56	4° 7	2°15	15°13	29♑58	0°56	21° 1	n.a.	T 8
W 9	18 38 51	8°23'03	21°20	2° 3	28° 6	26°45	8°21	14°54	4° 9	2°14	15°13	29°55	0°53	21° 7	n.a.	W 9
T 10	18 42 47	9°20'40	4♋11	3°29	27°47	26°49	8°26	14°53	4°12	2°12	15°13	29°52	0°50	21°14	n.a.	T 10
F 11	18 46 44	10°18'18	17°16	4°53	27°25	26°54	8°31	14°51	4°15	2°10	15°12	29°51	0°47	21°21	n.a.	F 11
S 12	18 50 41	11°15'58	0♌36	6°15	27° 1	26°59	8°36	14°49	4°17	2° 9	15°12	29°D50	0°43	21°28	n.a.	S 12
S 13	18 54 37	12°13'38	14° 9	7°35	26°35	27° 6	8°41	14°48	4°20	2° 7	15°11	29°51	0°40	21°34	n.a.	S 13
M14	18 58 34	13°11'20	27°54	8°54	26° 8	27°13	8°45	14°47	4°22	2° 6	15°11	29°52	0°37	21°41	n.a.	M14
T 15	19 2 30	14° 9'04	11♍49	10°11	25°38	27°21	8°49	14°46	4°25	2° 4	15°10	29°53	0°34	21°48	n.a.	T 15
W16	19 6 27	15° 6'48	25°52	11°26	25° 7	27°30	8°54	14°44	4°28	2° 2	15°10	29°54	0°31	21°55	n.a.	W16
T 17	19 10 23	16° 4'34	10♎ 1	12°39	24°34	27°40	8°58	14°43	4°31	2° 1	15° 9	29°R55	0°27	22° 1	n.a.	T 17
F 18	19 14 20	17° 2'21	24°15	13°50	24° 0	27°50	9° 1	14°42	4°34	1°59	15° 9	29°55	0°24	22° 8	n.a.	F 18
S 19	19 18 16	18° 0'09	8♏31	14°58	23°25	28° 1	9° 5	14°42	4°36	1°58	15° 8	29°54	0°21	22°15	n.a.	S 19
S 20	19 22 13	18°57'58	22°45	16° 5	22°49	28°13	9° 8	14°41	4°39	1°56	15° 8	29°53	0°18	22°21	n.a.	S 20
M21	19 26 10	19°55'50	6♐56	17° 9	22°13	28°26	9°11	14°40	4°42	1°55	15° 7	29°52	0°15	22°28	n.a.	M21
T 22	19 30 6	20°53'42	20°59	18°10	21°36	28°39	9°15	14°40	4°45	1°53	15° 7	29°51	0°12	22°35	n.a.	T 22
W23	19 34 3	21°51'36	4♑50	19° 9	20°59	28°53	9°17	14°39	4°48	1°52	15° 6	29°50	0° 8	22°42	n.a.	W23
T 24	19 37 59	22°49'32	18°27	20° 6	20°22	29° 8	9°20	14°39	4°51	1°50	15° 5	29°49	0° 5	22°48	n.a.	T 24
F 25	19 41 56	23°47'29	1♒48	20°59	19°45	29°23	9°22	14°39	4°54	1°49	15° 5	29°D49	0° 2	22°55	n.a.	F 25
S 26	19 45 52	24°45'28	14°51	21°50	19° 9	29°39	9°25	14°38	4°57	1°47	15° 4	29°49	29♑59	23° 2	n.a.	S 26
S 27	19 49 49	25°43'29	27°37	22°37	18°34	29°56	9°27	14°D38	5° 1	1°46	15° 4	29°50	29°56	23° 8	n.a.	S 27
M28	19 53 45	26°41'32	10♓ 6	23°21	18° 0	0♐13	9°29	14°38	5° 4	1°44	15° 3	29°50	29°53	23°15	n.a.	M28
T 29	19 57 42	27°39'36	22°20	24° 1	17°27	0°31	9°30	14°38	5° 7	1°43	15° 2	29°50	29°49	23°22	n.a.	T 29
W30	20 1 39	28°37'43	4♈24	24°37	16°55	0°49	9°32	14°39	5°10	1°41	15° 1	29°50	29°46	23°29	n.a.	W30
T 31	20 5 35	29♋35'52	16♈20	25♌ 9	16♋25	1♐ 8	9♈33	14♏39	5♍13	1♑40	15♓ 1	29°R51	29♑43	23♈35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n46	2s51	3n39	23n42	1n24	17n44	2s54	24s15	4s42	1n45	1s25	14s52	1n50	10n56	0n45	23s22	0n23	21s46	17s21	20s24	20s 9	12n40			n.a.
W 2	23 46	2n34	4 21	23 21	1 19	17 32	3 8	24 15	4 42	1 47	1 25	14 51	1 50	10 56	0 45	23 22	0 23	21 47	17 22	20 23	20 10	12 43			n.a.
T 3	23 45	7 50	4 51	23 0	1 13	17 19	3 21	24 14	4 42	1 49	1 25	14 51	1 49	10 55	0 45	23 22	0 23	21 47	17 22	20 23	20 10	12 46			n.a.
F 4	23 43	12 48	5 9	22 37	1 7	17 7	3 35	24 14	4 42	1 52	1 26	14 50	1 49	10 54	0 45	23 22	0 23	21 48	17 22	20 24	20 11	12 49			n.a.
S 5	23 42	17 18	5 13	22 13	1 0	16 55	3 49	24 14	4 42	1 54	1 26	14 50	1 49	10 53	0 45	23 22	0 23	21 48	17 23	20 24	20 12	12 51			n.a.
S 6	23 39	21 9	5 4	21 48	0 53	16 43	4 3	24 15	4 42	1 56	1 26	14 50	1 49	10 52	0 45	23 22	0 23	21 49	17 23	20 25	20 12	12 54			n.a.
M 7	23 37	24 10	4 41	21 22	0 46	16 32	4 16	24 15	4 42	1 58	1 26	14 49	1 49	10 51	0 45	23 22	0 23	21 49	17 23	20 26	20 13	12 57			n.a.
T 8	23 34	26 6	4 5	20 56	0 39	16 21	4 30	24 15	4 42	2 0	1 27	14 49	1 48	10 50	0 45	23 22	0 23	21 49	17 24	20 26	20 14	13 0			n.a.
W 9	23 30	26 45	3 16	20 29	0 31	16 11	4 44	24 16	4 42	2 2	1 27	14 49	1 48	10 49	0 45	23 22	0 23	21 50	17 24	20 27	20 14	13 2			n.a.
T 10	23 26	25 59	2 17	20 1	0 23	16 1	4 58	24 16	4 42	2 4	1 27	14 48	1 48	10 48	0 45	23 23	0 23	21 50	17 24	20 28	20 15	13 5			n.a.
F 11	23 22	23 46	1 9	19 33	0 15	15 52	5 12	24 17	4 41	2 5	1 27	14 48	1 48	10 47	0 45	23 23	0 23	21 51	17 25	20 28	20 16	13 8			n.a.
S 12	23 17	20 14	0s 4	19 4	0 6	15 44	5 25	24 18	4 41	2 7	1 28	14 48	1 48	10 46	0 45	23 23	0 23	21 51	17 25	20 28	20 17	13 10			n.a.
S 13	23 12	15 34	1 18	18 35	0s 3	15 35	5 39	24 19	4 40	2 9	1 28	14 48	1 47	10 45	0 45	23 23	0 23	21 52	17 25	20 28	20 17	13 13			n.a.
M14	23 7	10 3	2 29	18 6	0 12	15 28	5 51	24 20	4 40	2 10	1 28	14 47	1 47	10 44	0 45	23 23	0 23	21 52	17 26	20 28	20 18	13 16			n.a.
T 15	23 1	3 59	3 31	17 36	0 21	15 21	6 4	24 22	4 39	2 12	1 28	14 47	1 47	10 43	0 45	23 23	0 23	21 53	17 26	20 27	20 19	13 19			n.a.
W16	22 54	2s20	4 22	17 6	0 30	15 14	6 16	24 23	4 38	2 13	1 29	14 47	1 47	10 42	0 45	23 23	0 23	21 53	17 26	20 27	20 19	13 21			n.a.
T 17	22 47	8 34	4 57	16 37	0 40	15 9	6 28	24 25	4 37	2 15	1 29	14 47	1 46	10 41	0 45	23 23	0 23	21 54	17 27	20 27	20 20	13 24			n.a.
F 18	22 40	14 23	5 14	16 7	0 50	15 4	6 39	24 26	4 37	2 16	1 29	14 47	1 46	10 40	0 45	23 23	0 23	21 54	17 27	20 27	20 21	13 27			n.a.
S 19	22 33	19 27	5 12	15 37	0 59	14 59	6 49	24 28	4 36	2 17	1 29	14 47	1 46	10 39	0 45	23 23	0 23	21 55	17 27	20 27	20 21	13 29			n.a.
S 20	22 25	23 24	4 51	15 8	1 9	14 55	6 59	24 30	4 35	2 18	1 30	14 47	1 46	10 38	0 45	23 23	0 23	21 55	17 28	20 27	20 22	13 32			n.a.
M21	22 16	25 55	4 12	14 39	1 19	14 52	7 8	24 32	4 34	2 19	1 30	14 47	1 46	10 37	0 45	23 23	0 23	21 56	17 28	20 28	20 23	13 35			n.a.
T 22	22 7	26 46	3 19	14 10	1 30	14 49	7 17	24 34	4 33	2 20	1 30	14 47	1 45	10 36	0 45	23 23	0 23	21 56	17 28	20 28	20 23	13 37			n.a.
W23	21 58	25 55	2 14	13 42	1 40	14 47	7 24	24 36	4 32	2 21	1 30	14 47	1 45	10 34	0 45	23 23	0 23	21 57	17 29	20 28	20 24	13 40			n.a.
T 24	21 49	23 31	1 3	13 15	1 50	14 46	7 31	24 38	4 30	2 22	1 31	14 47	1 45	10 33	0 45	23 23	0 23	21 57	17 29	20 28	20 25	13 43			n.a.
F 25	21 39	19 51	0n11	12 48	2 0	14 45	7 37	24 40	4 29	2 23	1 31	14 47	1 45	10 32	0 45	23 23	0 23	21 58	17 29	20 28	20 26	13 45			n.a.
S 26	21 28	15 18	1 22	12 22	2 11	14 45	7 42	24 43	4 28	2 23	1 31	14 48	1 44	10 31	0 45	23 23	0 22	21 58	17 29	20 28	20 26	13 48			n.a.
S 27	21 18	10 9	2 28	11 57	2 21	14 46	7 47	24 45	4 27	2 24	1 31	14 48	1 44	10 30	0 45	23 23	0 22	21 59	17 30	20 28	20 27	13 51			n.a.
M28	21 7	4 44	3 25	11 33	2 31	14 47	7 50	24 48	4 26	2 24	1 32	14 48	1 44	10 29	0 45	23 23	0 22	21 59	17 30	20 28	20 28	13 53			n.a.
T 29	20 55	0n46	4 12	11 10	2 41	14 48	7 53	24 51	4 24	2 25	1 32	14 48	1 44	10 27	0 45	23 23	0 22	22 0	17 30	20 28	20 28	13 56			n.a.
W30	20 43	6 8	4 46	10 49	2 51	14 50	7 55	24 53	4 23	2 25	1 32	14 49	1 43	10 26	0 45	23 23	0 22	22 0	17 31	20 28	20 29	13 59			n.a.
T 31	20n31	11n14	5n 8	10n29	3s 1	14n53	7s55	24s56	4s22	2n25	1s32	14s49	1n43	10n25	0n45	23s23	0n22	22s 1	17s31	20s28	20s30	14n 1			n.a.

Julian Day Number = 1489670.5, Delta T = 05h15m46s
Ecliptic obliquity = 23°46'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'12, Lahiri = -12°43'11 Julian Calendar 1 July 635 BCE == Greg. Calendar 24 June 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

AUGUST 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 9 32	0♌34'03	28♈13	25♌36	15°R57	1♐28	9♈34	14♏39	5♍17	1°R39	15°R 0	29°D51	29♉40	23♈42	n.a.	F 1
S 2	20 13 28	1°32'16	10♉ 8	25°59	15♋31	1°48	9°35	14°40	5°20	1♉37	14♓59	29♉51	29°37	23°49	n.a.	S 2
S 3	20 17 25	2°30'31	22° 9	26°17	15° 6	2° 9	9°36	14°40	5°23	1°36	14°58	29°51	29°33	23°56	n.a.	S 3
M 4	20 21 21	3°28'48	4♊20	26°29	14°44	2°30	9°36	14°41	5°27	1°35	14°57	29°51	29°30	24° 2	n.a.	M 4
T 5	20 25 18	4°27'08	16°46	26°36	14°24	2°52	9°37	14°42	5°30	1°33	14°57	29°51	29°27	24° 9	n.a.	T 5
W 6	20 29 14	5°25'30	29°29	26°R37	14° 7	3°15	9°R37	14°43	5°33	1°32	14°56	29°52	29°24	24°16	n.a.	W 6
T 7	20 33 11	6°23'54	12♋32	26°32	13°51	3°37	9°37	14°44	5°37	1°31	14°55	29°52	29°21	24°22	n.a.	T 7
F 8	20 37 7	7°22'20	25°55	26°20	13°39	4° 1	9°36	14°45	5°40	1°30	14°54	29°R53	29°18	24°29	n.a.	F 8
S 9	20 41 4	8°20'48	9♌37	26° 2	13°28	4°25	9°36	14°46	5°44	1°28	14°53	29°53	29°14	24°36	n.a.	S 9
S 10	20 45 1	9°19'18	23°37	25°37	13°20	4°49	9°35	14°47	5°47	1°27	14°52	29°52	29°11	24°43	n.a.	S 10
M11	20 48 57	10°17'50	7♍49	25° 5	13°14	5°14	9°34	14°49	5°51	1°26	14°51	29°51	29° 8	24°49	n.a.	M11
T 12	20 52 54	11°16'24	22°11	24°27	13°11	5°39	9°33	14°50	5°54	1°25	14°50	29°50	29° 5	24°56	n.a.	T 12
W13	20 56 50	12°15'00	6♎36	23°43	13°D10	6° 5	9°32	14°52	5°58	1°24	14°49	29°48	29° 2	25° 3	n.a.	W13
T 14	21 0 47	13°13'37	21° 0	22°52	13°11	6°32	9°30	14°53	6° 1	1°22	14°49	29°47	28°59	25°10	n.a.	T 14
F 15	21 4 43	14°12'16	5♏19	21°57	13°15	6°58	9°29	14°55	6° 5	1°21	14°48	29°46	28°55	25°16	n.a.	F 15
S 16	21 8 40	15°10'57	19°30	20°57	13°21	7°25	9°27	14°57	6° 8	1°20	14°47	29°D46	28°52	25°23	n.a.	S 16
S 17	21 12 36	16° 9'40	3♐31	19°55	13°29	7°53	9°25	14°59	6°12	1°19	14°46	29°47	28°49	25°30	n.a.	S 17
M18	21 16 33	17° 8'25	17°20	18°50	13°39	8°21	9°22	15° 1	6°16	1°18	14°45	29°48	28°46	25°36	n.a.	M18
T 19	21 20 30	18° 7'12	0♑57	17°46	13°52	8°49	9°20	15° 3	6°19	1°17	14°44	29°49	28°43	25°43	n.a.	T 19
W20	21 24 26	19° 6'00	14°22	16°42	14° 6	9°18	9°17	15° 5	6°23	1°16	14°43	29°50	28°39	25°50	n.a.	W20
T 21	21 28 23	20° 4'51	27°33	15°42	14°22	9°47	9°14	15° 8	6°27	1°15	14°42	29°R51	28°36	25°57	n.a.	T 21
F 22	21 32 19	21° 3'43	10♒32	14°46	14°41	10°16	9°11	15°10	6°30	1°14	14°41	29°51	28°33	26° 3	n.a.	F 22
S 23	21 36 16	22° 2'37	23°18	13°56	15° 1	10°46	9° 8	15°13	6°34	1°14	14°39	29°49	28°30	26°10	n.a.	S 23
S 24	21 40 12	23° 1'34	5♓52	13°13	15°23	11°16	9° 5	15°15	6°38	1°13	14°38	29°47	28°27	26°17	n.a.	S 24
M25	21 44 9	24° 0'33	18°13	12°39	15°47	11°47	9° 1	15°18	6°42	1°12	14°37	29°43	28°24	26°23	n.a.	M25
T 26	21 48 5	24°59'34	0♈23	12°14	16°13	12°17	8°57	15°21	6°45	1°11	14°36	29°39	28°20	26°30	n.a.	T 26
W27	21 52 2	25°58'37	12°24	12° 0	16°40	12°48	8°53	15°23	6°49	1°10	14°35	29°34	28°17	26°37	n.a.	W27
T 28	21 55 58	26°57'43	24°20	11°D55	17° 9	13°20	8°49	15°26	6°53	1°10	14°34	29°30	28°14	26°44	n.a.	T 28
F 29	21 59 55	27°56'51	6♉12	12° 1	17°40	13°52	8°44	15°29	6°57	1° 9	14°33	29°27	28°11	26°50	n.a.	F 29
S 30	22 3 52	28°56'01	18° 5	12°17	18°12	14°24	8°40	15°33	7° 0	1° 8	14°32	29°25	28° 8	26°57	n.a.	S 30
S 31	22 7 48	29♌55'14	0♊ 3	12♌43	18♋45	14♐56	8♈35	15♏36	7♍ 4	1♉ 7	14♓31	29°D25	28♉ 4	27♈ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n19	15n54	5n17	10n11	3s10	14n56	7s56	24s59	4s20	2n26	1s33	14s49	1n43	10n24	0n45	23s23	0n22	22s 1	17s31	20s28	20s30	14n 4		n.a.
S 2	20 6	19 59	5 12	9 55	3 19	15 0	7 55	25 2	4 19	2 26	1 33	14 50	1 43	10 22	0 44	23 23	0 22	22 2	17 31	20 28	20 31	14 7		n.a.
S 3	19 52	23 16	4 53	9 40	3 28	15 4	7 54	25 5	4 17	2 26	1 33	14 50	1 43	10 21	0 44	23 23	0 22	22 2	17 32	20 28	20 32	14 9		n.a.
M 4	19 39	25 35	4 21	9 29	3 36	15 8	7 52	25 8	4 16	2 26	1 33	14 50	1 42	10 20	0 44	23 23	0 22	22 3	17 32	20 28	20 32	14 12		n.a.
T 5	19 25	26 42	3 37	9 19	3 44	15 13	7 49	25 11	4 14	2 26	1 34	14 51	1 42	10 19	0 44	23 24	0 22	22 4	17 32	20 28	20 33	14 14		n.a.
W 6	19 11	26 27	2 41	9 12	3 50	15 18	7 45	25 14	4 13	2 26	1 34	14 51	1 42	10 17	0 44	23 24	0 22	22 4	17 32	20 28	20 34	14 17		n.a.
T 7	18 56	24 45	1 35	9 9	3 56	15 23	7 42	25 17	4 11	2 25	1 34	14 52	1 42	10 16	0 44	23 24	0 22	22 5	17 33	20 28	20 34	14 20		n.a.
F 8	18 41	21 37	0 22	9 8	4 1	15 29	7 37	25 20	4 10	2 25	1 34	14 52	1 41	10 15	0 44	23 24	0 22	22 5	17 33	20 28	20 35	14 22		n.a.
S 9	18 26	17 14	0s54	9 10	4 5	15 35	7 32	25 23	4 8	2 24	1 35	14 53	1 41	10 13	0 44	23 24	0 22	22 6	17 33	20 28	20 36	14 25		n.a.
S 10	18 10	11 50	2 8	9 16	4 8	15 41	7 27	25 26	4 7	2 24	1 35	14 54	1 41	10 12	0 44	23 24	0 22	22 6	17 33	20 28	20 36	14 27		n.a.
M11	17 54	5 45	3 15	9 26	4 9	15 48	7 21	25 29	4 5	2 23	1 35	14 54	1 41	10 11	0 44	23 24	0 22	22 7	17 33	20 28	20 37	14 30		n.a.
T 12	17 38	0s41	4 10	9 39	4 9	15 54	7 15	25 32	4 4	2 23	1 35	14 55	1 40	10 9	0 44	23 24	0 22	22 7	17 34	20 28	20 38	14 33		n.a.
W13	17 22	7 5	4 50	9 55	4 7	16 1	7 8	25 36	4 2	2 22	1 36	14 56	1 40	10 8	0 44	23 24	0 22	22 8	17 34	20 28	20 38	14 35		n.a.
T 14	17 5	13 7	5 12	10 15	4 3	16 8	7 1	25 39	4 0	2 21	1 36	14 56	1 40	10 7	0 44	23 24	0 22	22 9	17 34	20 29	20 39	14 38		n.a.
F 15	16 48	18 24	5 14	10 39	3 57	16 15	6 54	25 42	3 59	2 20	1 36	14 57	1 40	10 5	0 44	23 24	0 22	22 9	17 34	20 29	20 40	14 40		n.a.
S 16	16 30	22 37	4 57	11 5	3 50	16 21	6 46	25 45	3 57	2 19	1 36	14 58	1 40	10 4	0 44	23 24	0 22	22 10	17 34	20 29	20 40	14 43		n.a.
S 17	16 13	25 27	4 23	11 34	3 40	16 28	6 38	25 48	3 55	2 18	1 36	14 59	1 39	10 3	0 44	23 24	0 22	22 10	17 35	20 29	20 41	14 46		n.a.
M18	15 55	26 42	3 33	12 6	3 28	16 35	6 30	25 51	3 54	2 17	1 37	14 59	1 39	10 1	0 44	23 24	0 22	22 11	17 35	20 29	20 42	14 48		n.a.
T 19	15 37	26 19	2 33	12 39	3 14	16 42	6 22	25 54	3 52	2 16	1 37	15 0	1 39	10 0	0 44	23 24	0 22	22 11	17 35	20 28	20 42	14 51		n.a.
W20	15 18	24 23	1 24	13 12	2 59	16 49	6 14	25 57	3 50	2 15	1 37	15 1	1 39	9 59	0 44	23 24	0 22	22 12	17 35	20 28	20 43	14 53		n.a.
T 21	15 0	21 9	0 13	13 46	2 42	16 56	6 6	26 0	3 49	2 13	1 37	15 2	1 38	9 57	0 44	23 24	0 22	22 13	17 35	20 28	20 44	14 56		n.a.
F 22	14 41	16 54	0n59	14 20	2 24	17 2	5 57	26 2	3 47	2 12	1 38	15 3	1 38	9 56	0 44	23 24	0 22	22 13	17 35	20 28	20 44	14 58		n.a.
S 23	14 21	11 58	2 5	14 53	2 5	17 9	5 48	26 5	3 45	2 10	1 38	15 4	1 38	9 54	0 44	23 24	0 22	22 14	17 36	20 28	20 45	15 1		n.a.
S 24	14 2	6 38	3 5	15 24	1 46	17 15	5 40	26 8	3 44	2 9	1 38	15 5	1 38	9 53	0 44	23 24	0 22	22 14	17 36	20 29	20 46	15 3		n.a.
M25	13 42	1 8	3 55	15 52	1 26	17 21	5 31	26 10	3 42	2 7	1 38	15 6	1 38	9 52	0 44	23 24	0 22	22 15	17 36	20 30	20 46	15 6		n.a.
T 26	13 22	4n19	4 33	16 18	1 6	17 27	5 22	26 13	3 40	2 5	1 38	15 7	1 37	9 50	0 44	23 24	0 22	22 15	17 36	20 31	20 47	15 8		n.a.
W27	13 2	9 33	4 59	16 41	0 47	17 32	5 13	26 15	3 38	2 4	1 39	15 8	1 37	9 49	0 44	23 24	0 22	22 16	17 36	20 31	20 48	15 11		n.a.
T 28	12 42	14 22	5 12	17 1	0 28	17 37	5 4	26 18	3 37	2 2	1 39	15 9	1 37	9 47	0 44	23 24	0 22	22 16	17 36	20 32	20 48	15 14		n.a.
F 29	12 21	18 39	5 11	17 16	0 10	17 42	4 56	26 20	3 35	2 0	1 39	15 10	1 37	9 46	0 44	23 24	0 22	22 17	17 36	20 33	20 49	15 16		n.a.
S 30	12 0	22 11	4 56	17 28	0n 7	17 47	4 47	26 22	3 33	1 58	1 39	15 11	1 36	9 44	0 44	23 24	0 22	22 17	17 36	20 33	20 49	15 19		n.a.
S 31	11n39	24n50	4n29	17n36	0n23	17n51	4s38	26s24	3s31	1n56	1s39	15s12	1n36	9n43	0n44	23s24	0n22	22s18	17s37	20s34	20s50	15n21		n.a.

Julian Day Number = 1489701.5, Delta T = 05h15m45s
Ecliptic obliquity = 23°46'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'07, Lahiri = -12°43'07 Julian Calendar 1 Aug. 635 BCE == Greg. Calendar 25 July 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

SEPTEMBER 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 11 45	0♍54'30	12♊12	13♌18	19♋20	15♐28	8°R30	15♏39	7♍ 8	1°R 7	14°R30	29♑25	28♑ 1	27♈11	n.a.	M 1
T 2	22 15 41	1°53'48	24°36	14° 3	19°56	16° 1	8♈25	15°42	7°12	1♑ 6	14♓29	29°27	27°58	27°17	n.a.	T 2
W 3	22 19 38	2°53'08	7♋19	14°56	20°33	16°34	8°20	15°46	7°15	1° 6	14°27	29°28	27°55	27°24	n.a.	W 3
T 4	22 23 34	3°52'31	20°25	15°56	21°12	17° 8	8°15	15°49	7°19	1° 5	14°26	29°30	27°52	27°31	n.a.	T 4
F 5	22 27 31	4°51'56	3♌57	17° 3	21°52	17°41	8° 9	15°53	7°23	1° 5	14°25	29°R30	27°49	27°37	n.a.	F 5
S 6	22 31 27	5°51'23	17°54	18°16	22°33	18°15	8° 3	15°57	7°27	1° 4	14°24	29°28	27°45	27°44	n.a.	S 6
S 7	22 35 24	6°50'53	2♍14	19°35	23°15	18°49	7°57	16° 0	7°31	1° 4	14°23	29°25	27°42	27°51	n.a.	S 7
M 8	22 39 21	7°50'25	16°53	20°58	23°58	19°24	7°51	16° 4	7°34	1° 3	14°22	29°21	27°39	27°58	n.a.	M 8
T 9	22 43 17	8°49'59	1♎42	22°25	24°42	19°58	7°45	16° 8	7°38	1° 3	14°21	29°15	27°36	28° 4	n.a.	T 9
W10	22 47 14	9°49'35	16°35	23°55	25°28	20°33	7°39	16°12	7°42	1° 3	14°19	29° 8	27°33	28°11	n.a.	W10
T 11	22 51 10	10°49'12	1♏22	25°29	26°14	21° 8	7°32	16°16	7°46	1° 2	14°18	29° 3	27°30	28°18	n.a.	T 11
F 12	22 55 7	11°48'52	15°57	27° 4	27° 1	21°44	7°26	16°21	7°50	1° 2	14°17	28°58	27°26	28°25	n.a.	F 12
S 13	22 59 3	12°48'34	0♐15	28°41	27°49	22°19	7°19	16°25	7°53	1° 2	14°16	28°56	27°23	28°31	n.a.	S 13
S 14	23 3 0	13°48'18	14°14	0♍20	28°37	22°55	7°12	16°29	7°57	1° 1	14°15	28°D55	27°20	28°38	n.a.	S 14
M15	23 6 56	14°48'03	27°53	2° 0	29°27	23°31	7° 5	16°34	8° 1	1° 1	14°14	28°56	27°17	28°45	n.a.	M15
T 16	23 10 53	15°47'50	11♑14	3°41	0♌17	24° 7	6°58	16°38	8° 5	1° 1	14°12	28°57	27°14	28°51	n.a.	T 16
W17	23 14 50	16°47'39	24°18	5°22	1° 8	24°43	6°51	16°43	8° 9	1° 1	14°11	28°R58	27°10	28°58	n.a.	W17
T 18	23 18 46	17°47'30	7♒ 9	7° 4	2° 0	25°20	6°44	16°47	8°12	1° 1	14°10	28°58	27° 7	29° 5	n.a.	T 18
F 19	23 22 43	18°47'23	19°47	8°46	2°53	25°56	6°36	16°52	8°16	1° 1	14° 9	28°56	27° 4	29°12	n.a.	F 19
S 20	23 26 39	19°47'18	2♓15	10°28	3°46	26°33	6°29	16°57	8°20	1°D 1	14° 8	28°51	27° 1	29°18	n.a.	S 20
S 21	23 30 36	20°47'14	14°34	12°10	4°40	27°10	6°21	17° 2	8°24	1° 1	14° 7	28°44	26°58	29°25	n.a.	S 21
M22	23 34 32	21°47'13	26°45	13°52	5°35	27°47	6°14	17° 6	8°27	1° 1	14° 5	28°35	26°55	29°32	n.a.	M22
T 23	23 38 29	22°47'13	8♈48	15°34	6°30	28°24	6° 6	17°11	8°31	1° 1	14° 4	28°24	26°51	29°39	n.a.	T 23
W24	23 42 25	23°47'16	20°46	17°15	7°26	29° 2	5°58	17°16	8°35	1° 1	14° 3	28°13	26°48	29°45	n.a.	W24
T 25	23 46 22	24°47'21	2♉39	18°56	8°22	29°39	5°50	17°21	8°38	1° 1	14° 2	28° 3	26°45	29°52	n.a.	T 25
F 26	23 50 18	25°47'28	14°30	20°37	9°19	0♑17	5°42	17°27	8°42	1° 2	14° 1	27°54	26°42	29°59	n.a.	F 26
S 27	23 54 15	26°47'37	26°22	22°17	10°17	0°55	5°34	17°32	8°46	1° 2	14° 0	27°47	26°39	0♉ 5	n.a.	S 27
S 28	23 58 12	27°47'48	8♊18	23°57	11°15	1°33	5°26	17°37	8°49	1° 2	13°59	27°42	26°36	0°12	n.a.	S 28
M29	0 2 8	28°48'02	20°23	25°36	12°14	2°11	5°18	17°42	8°53	1° 2	13°58	27°40	26°32	0°19	n.a.	M29
T 30	0 6 5	29♍48'18	2♋42	27♍16	13♌13	2♑50	5♈10	17♏48	8♍57	1♑ 3	13♓56	27°D40	26♑29	0♉26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n18	26n22	3n50	17n39	0n38	17n55	4s29	26s26	3s30	1n54	1s40	15s13	1n36	9n42	0n44	23s24	0n22	22s18	17s37	20s33	20s51	15n24		n.a.
T 2	10 57	26 38	2 59	17 39	0 51	17 59	4 20	26 28	3 28	1 52	1 40	15 15	1 36	9 40	0 44	23 24	0 22	22 19	17 37	20 33	20 51	15 26		n.a.
W 3	10 35	25 32	1 58	17 35	1 3	18 2	4 11	26 30	3 26	1 49	1 40	15 16	1 36	9 39	0 44	23 24	0 22	22 20	17 37	20 33	20 52	15 29		n.a.
T 4	10 13	23 0	0 49	17 27	1 14	18 5	4 2	26 32	3 24	1 47	1 40	15 17	1 35	9 37	0 44	23 24	0 22	22 20	17 37	20 32	20 53	15 31		n.a.
F 5	9 52	19 9	0s24	17 16	1 23	18 7	3 54	26 33	3 23	1 45	1 40	15 18	1 35	9 36	0 44	23 24	0 22	22 21	17 37	20 32	20 53	15 34		n.a.
S 6	9 29	14 7	1 38	17 1	1 32	18 9	3 45	26 35	3 21	1 42	1 40	15 20	1 35	9 34	0 44	23 25	0 22	22 21	17 37	20 33	20 54	15 36		n.a.
S 7	9 7	8 12	2 48	16 42	1 39	18 11	3 36	26 36	3 19	1 40	1 40	15 21	1 35	9 33	0 44	23 25	0 22	22 22	17 37	20 33	20 55	15 39		n.a.
M 8	8 45	1 45	3 49	16 21	1 44	18 12	3 28	26 37	3 17	1 37	1 41	15 22	1 35	9 32	0 44	23 25	0 22	22 22	17 37	20 34	20 55	15 41		n.a.
T 9	8 22	4s52	4 34	15 57	1 49	18 13	3 19	26 38	3 16	1 35	1 41	15 23	1 34	9 30	0 44	23 25	0 22	22 23	17 37	20 36	20 56	15 43		n.a.
W10	7 59	11 14	5 2	15 30	1 53	18 13	3 11	26 39	3 14	1 32	1 41	15 25	1 34	9 29	0 44	23 25	0 21	22 23	17 37	20 37	20 57	15 46		n.a.
T 11	7 37	16 55	5 9	15 1	1 55	18 13	3 3	26 40	3 12	1 29	1 41	15 26	1 34	9 27	0 44	23 25	0 21	22 24	17 37	20 38	20 57	15 48		n.a.
F 12	7 14	21 33	4 56	14 29	1 57	18 12	2 54	26 40	3 10	1 27	1 41	15 28	1 34	9 26	0 44	23 25	0 21	22 24	17 37	20 39	20 58	15 51		n.a.
S 13	6 51	24 47	4 24	13 56	1 58	18 11	2 46	26 41	3 8	1 24	1 41	15 29	1 34	9 24	0 44	23 25	0 21	22 24	17 37	20 40	20 58	15 53		n.a.
S 14	6 27	26 26	3 38	13 21	1 58	18 9	2 38	26 41	3 7	1 21	1 41	15 30	1 33	9 23	0 44	23 25	0 21	22 25	17 37	20 40	20 59	15 56		n.a.
M15	6 4	26 25	2 40	12 44	1 58	18 6	2 30	26 41	3 5	1 18	1 41	15 32	1 33	9 22	0 44	23 25	0 21	22 25	17 37	20 40	21 0	15 58		n.a.
T 16	5 41	24 51	1 34	12 6	1 56	18 4	2 22	26 41	3 3	1 15	1 41	15 33	1 33	9 20	0 44	23 25	0 21	22 26	17 37	20 39	21 0	16 1		n.a.
W17	5 17	21 58	0 25	11 27	1 54	18 0	2 14	26 41	3 1	1 12	1 42	15 35	1 33	9 19	0 44	23 25	0 21	22 26	17 37	20 39	21 1	16 3		n.a.
T 18	4 53	18 2	0n44	10 46	1 52	17 56	2 6	26 41	3 0	1 9	1 42	15 36	1 33	9 17	0 44	23 25	0 21	22 27	17 37	20 39	21 2	16 5		n.a.
F 19	4 30	13 21	1 50	10 5	1 49	17 52	1 59	26 40	2 58	1 6	1 42	15 38	1 33	9 16	0 44	23 25	0 21	22 27	17 37	20 40	21 2	16 8		n.a.
S 20	4 6	8 11	2 49	9 22	1 46	17 47	1 51	26 40	2 56	1 3	1 42	15 39	1 32	9 14	0 44	23 25	0 21	22 28	17 37	20 41	21 3	16 10		n.a.
S 21	3 42	2 47	3 39	8 40	1 42	17 41	1 44	26 39	2 54	1 0	1 42	15 41	1 32	9 13	0 44	23 25	0 21	22 28	17 37	20 42	21 3	16 13		n.a.
M22	3 18	2n39	4 19	7 56	1 38	17 35	1 36	26 38	2 53	0 57	1 42	15 43	1 32	9 12	0 44	23 25	0 21	22 28	17 37	20 44	21 4	16 15		n.a.
T 23	2 54	7 55	4 47	7 12	1 34	17 28	1 29	26 37	2 51	0 54	1 42	15 44	1 32	9 10	0 44	23 25	0 21	22 29	17 37	20 46	21 5	16 18		n.a.
W24	2 30	12 52	5 2	6 28	1 29	17 21	1 22	26 35	2 49	0 51	1 42	15 46	1 32	9 9	0 44	23 25	0 21	22 29	17 37	20 48	21 5	16 20		n.a.
T 25	2 6	17 18	5 3	5 43	1 24	17 13	1 15	26 34	2 47	0 48	1 42	15 47	1 31	9 7	0 44	23 25	0 21	22 30	17 37	20 50	21 6	16 22		n.a.
F 26	1 42	21 3	4 52	4 58	1 18	17 5	1 8	26 32	2 46	0 44	1 42	15 49	1 31	9 6	0 44	23 25	0 21	22 30	17 37	20 52	21 7	16 25		n.a.
S 27	1 18	23 56	4 28	4 13	1 13	16 56	1 1	26 30	2 44	0 41	1 42	15 51	1 31	9 5	0 44	23 25	0 21	22 30	17 37	20 54	21 7	16 27		n.a.
S 28	0 53	25 48	3 52	3 28	1 7	16 47	0 54	26 28	2 42	0 38	1 42	15 52	1 31	9 3	0 44	23 25	0 21	22 31	17 36	20 55	21 8	16 30		n.a.
M29	0 29	26 30	3 5	2 42	1 1	16 37	0 47	26 26	2 41	0 35	1 42	15 54	1 31	9 2	0 44	23 25	0 21	22 31	17 36	20 55	21 8	16 32		n.a.
T 30	0n 5	25n54	2n 9	1n57	0n55	16n26	0s41	26s23	2s39	0n32	1s42	15s56	1n31	9n 1	0n44	23s25	0n21	22s31	17s36	20s55	21s 9	16n34		n.a.

Julian Day Number = 1489732.5, Delta T = 05h15m43s
Ecliptic obliquity = 23°46'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°50'03, Lahiri = -12°43'03 Julian Calendar 1 Sept. 635 BCE == Greg. Calendar 25 Aug. 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

OCTOBER 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 10 1	0♎48'36	15♋20	28♍54	14♌12	3♑28	5°R 2	17♏53	9♍ 0	1♑ 3	13°R55	27♑40	26♑26	0♉32	n.a.	W 1
T 2	0 13 58	1°48'56	28°21	0♎32	15°12	4° 7	4♈54	17°59	9° 4	1° 3	13♓54	27°R41	26°23	0°39	n.a.	T 2
F 3	0 17 54	2°49'18	11♌50	2°10	16°13	4°45	4°46	18° 4	9° 7	1° 4	13°53	27°40	26°20	0°46	n.a.	F 3
S 4	0 21 51	3°49'42	25°48	3°47	17°14	5°24	4°38	18°10	9°11	1° 4	13°52	27°37	26°16	0°52	n.a.	S 4
S 5	0 25 47	4°50'08	10♍14	5°24	18°15	6° 3	4°29	18°16	9°14	1° 5	13°51	27°31	26°13	0°59	n.a.	S 5
M 6	0 29 44	5°50'37	25° 6	7° 1	19°17	6°42	4°21	18°22	9°18	1° 5	13°50	27°23	26°10	1° 6	n.a.	M 6
T 7	0 33 41	6°51'06	10♎14	8°37	20°19	7°21	4°13	18°27	9°21	1° 6	13°49	27°13	26° 7	1°13	n.a.	T 7
W 8	0 37 37	7°51'38	25°29	10°13	21°22	8° 0	4° 5	18°33	9°25	1° 6	13°48	27° 2	26° 4	1°19	n.a.	W 8
T 9	0 41 34	8°52'12	10♏40	11°49	22°24	8°40	3°57	18°39	9°28	1° 7	13°47	26°52	26° 1	1°26	n.a.	T 9
F 10	0 45 30	9°52'47	25°36	13°24	23°28	9°19	3°49	18°45	9°32	1° 8	13°46	26°43	25°57	1°33	n.a.	F 10
S 11	0 49 27	10°53'23	10♐10	14°59	24°31	9°59	3°41	18°51	9°35	1° 8	13°45	26°37	25°54	1°40	n.a.	S 11
S 12	0 53 23	11°54'01	24°18	16°33	25°35	10°38	3°33	18°57	9°39	1° 9	13°44	26°34	25°51	1°46	n.a.	S 12
M13	0 57 20	12°54'40	8♑ 0	18° 7	26°40	11°18	3°25	19° 3	9°42	1°10	13°43	26°D33	25°48	1°53	n.a.	M13
T 14	1 1 16	13°55'20	21°17	19°41	27°44	11°58	3°17	19° 9	9°45	1°11	13°42	26°R33	25°45	2° 0	n.a.	T 14
W15	1 5 13	14°56'02	4♒13	21°15	28°49	12°38	3° 9	19°16	9°49	1°12	13°41	26°33	25°41	2° 6	n.a.	W15
T 16	1 9 10	15°56'45	16°51	22°49	29°54	13°18	3° 1	19°22	9°52	1°12	13°40	26°31	25°38	2°13	n.a.	T 16
F 17	1 13 6	16°57'29	29°16	24°22	1♍ 0	13°58	2°53	19°28	9°55	1°13	13°39	26°28	25°35	2°20	n.a.	F 17
S 18	1 17 3	17°58'14	11♓30	25°55	2° 5	14°38	2°46	19°34	9°58	1°14	13°38	26°21	25°32	2°27	n.a.	S 18
S 19	1 20 59	18°59'01	23°37	27°28	3°11	15°18	2°38	19°41	10° 1	1°15	13°37	26°11	25°29	2°33	n.a.	S 19
M20	1 24 56	19°59'49	5♈38	29° 1	4°18	15°59	2°31	19°47	10° 5	1°16	13°36	25°58	25°26	2°40	n.a.	M20
T 21	1 28 52	21° 0'38	17°35	0♏33	5°24	16°39	2°23	19°54	10° 8	1°17	13°35	25°44	25°22	2°47	n.a.	T 21
W22	1 32 49	22° 1'29	29°29	2° 5	6°31	17°19	2°16	20° 0	10°11	1°18	13°34	25°29	25°19	2°53	n.a.	W22
T 23	1 36 45	23° 2'21	11♉21	3°38	7°38	18° 0	2° 9	20° 7	10°14	1°19	13°33	25°14	25°16	3° 0	n.a.	T 23
F 24	1 40 42	24° 3'14	23°13	5°10	8°45	18°40	2° 2	20°13	10°17	1°20	13°33	25° 1	25°13	3° 7	n.a.	F 24
S 25	1 44 39	25° 4'09	5♊ 6	6°41	9°53	19°21	1°55	20°20	10°20	1°22	13°32	24°51	25°10	3°14	n.a.	S 25
S 26	1 48 35	26° 5'05	17° 4	8°13	11° 1	20° 2	1°48	20°26	10°23	1°23	13°31	24°43	25° 7	3°20	n.a.	S 26
M27	1 52 32	27° 6'03	29° 9	9°44	12° 9	20°42	1°41	20°33	10°26	1°24	13°30	24°39	25° 3	3°27	n.a.	M27
T 28	1 56 28	28° 7'02	11♋26	11°15	13°17	21°23	1°35	20°40	10°29	1°25	13°29	24°37	25° 0	3°34	n.a.	T 28
W29	2 0 25	29° 8'03	23°59	12°46	14°25	22° 4	1°28	20°46	10°31	1°26	13°29	24°36	24°57	3°41	n.a.	W29
T 30	2 4 21	0♏ 9'04	6♌54	14°17	15°34	22°45	1°22	20°53	10°34	1°28	13°28	24°36	24°54	3°47	n.a.	T 30
F 31	2 8 18	1♏10'08	20♌13	15♏47	16♍42	23♑26	1♈16	21♏ 0	10♍37	1♑29	13♓27	24♑35	24♑51	3♉54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	0s20	23n58	1n 5	1n12	0n49	16n15	0s34	26s21	2s37	0n28	1s42	15s57	1n30	8n59	0n44	23s25	0n21	22s32	17s36	20s55	21s10	16n37			n.a.
T 2	0 44	20 43	0s 4	0 26	0 43	16 3	0 28	26 18	2 35	0 25	1 42	15 59	1 30	8 58	0 44	23 25	0 21	22 32	17 36	20 55	21 10	16 39			n.a.
F 3	1 8	16 17	1 15	0s19	0 37	15 51	0 22	26 15	2 34	0 22	1 42	16 1	1 30	8 56	0 44	23 25	0 21	22 32	17 36	20 55	21 11	16 41			n.a.
S 4	1 33	10 51	2 24	1 4	0 30	15 38	0 16	26 12	2 32	0 19	1 42	16 2	1 30	8 55	0 44	23 25	0 21	22 33	17 36	20 56	21 11	16 44			n.a.
S 5	1 57	4 40	3 26	1 49	0 24	15 25	0 10	26 8	2 30	0 15	1 42	16 4	1 30	8 54	0 44	23 25	0 21	22 33	17 36	20 57	21 12	16 46			n.a.
M 6	2 21	1s56	4 16	2 33	0 17	15 11	0 4	26 5	2 29	0 12	1 42	16 6	1 30	8 52	0 44	23 25	0 21	22 33	17 35	20 58	21 13	16 48			n.a.
T 7	2 45	8 31	4 49	3 18	0 11	14 56	0n 2	26 1	2 27	0 9	1 41	16 8	1 30	8 51	0 44	23 25	0 21	22 34	17 35	21 0	21 13	16 51			n.a.
W 8	3 10	14 39	5 1	4 2	0 4	14 42	0 7	25 57	2 25	0 6	1 41	16 9	1 29	8 50	0 44	23 25	0 21	22 34	17 35	21 3	21 14	16 53			n.a.
T 9	3 34	19 51	4 53	4 46	0s 2	14 26	0 13	25 53	2 24	0 3	1 41	16 11	1 29	8 49	0 44	23 25	0 21	22 34	17 35	21 5	21 14	16 55			n.a.
F 10	3 58	23 42	4 25	5 30	0 9	14 10	0 18	25 48	2 22	0s 0	1 41	16 13	1 29	8 47	0 44	23 25	0 21	22 34	17 35	21 6	21 15	16 58			n.a.
S 11	4 22	25 54	3 39	6 13	0 15	13 54	0 23	25 43	2 20	0 4	1 41	16 15	1 29	8 46	0 44	23 25	0 21	22 35	17 35	21 7	21 16	17 0			n.a.
S 12	4 46	26 21	2 42	6 56	0 22	13 37	0 28	25 39	2 19	0 7	1 41	16 17	1 29	8 45	0 44	23 25	0 21	22 35	17 35	21 8	21 16	17 2			n.a.
M13	5 10	25 8	1 37	7 38	0 28	13 19	0 34	25 34	2 17	0 10	1 41	16 18	1 29	8 43	0 44	23 25	0 21	22 35	17 34	21 8	21 17	17 5			n.a.
T 14	5 34	22 31	0 28	8 20	0 35	13 2	0 38	25 28	2 15	0 13	1 41	16 20	1 29	8 42	0 44	23 25	0 21	22 35	17 34	21 8	21 17	17 7			n.a.
W15	5 58	18 49	0n40	9 2	0 41	12 43	0 43	25 23	2 14	0 16	1 41	16 22	1 28	8 41	0 44	23 25	0 21	22 36	17 34	21 8	21 18	17 9			n.a.
T 16	6 21	14 20	1 45	9 43	0 47	12 24	0 48	25 17	2 12	0 19	1 40	16 24	1 28	8 40	0 44	23 25	0 21	22 36	17 34	21 9	21 19	17 12			n.a.
F 17	6 45	9 20	2 44	10 24	0 53	12 5	0 52	25 12	2 11	0 22	1 40	16 26	1 28	8 38	0 45	23 25	0 21	22 36	17 34	21 9	21 19	17 14			n.a.
S 18	7 9	4 4	3 33	11 4	1 0	11 45	0 57	25 6	2 9	0 25	1 40	16 28	1 28	8 37	0 45	23 25	0 21	22 36	17 33	21 11	21 20	17 16			n.a.
S 19	7 32	1n18	4 13	11 44	1 5	11 25	1 1	24 59	2 7	0 28	1 40	16 29	1 28	8 36	0 45	23 25	0 21	22 36	17 33	21 13	21 20	17 19			n.a.
M20	7 55	6 33	4 41	12 23	1 11	11 5	1 5	24 53	2 6	0 30	1 40	16 31	1 28	8 35	0 45	23 25	0 21	22 36	17 33	21 15	21 21	17 21			n.a.
T 21	8 19	11 32	4 56	13 2	1 17	10 44	1 9	24 46	2 4	0 33	1 39	16 33	1 28	8 34	0 45	23 25	0 21	22 37	17 33	21 18	21 22	17 23			n.a.
W22	8 42	16 5	4 58	13 39	1 23	10 22	1 13	24 40	2 3	0 36	1 39	16 35	1 28	8 33	0 45	23 26	0 20	22 37	17 32	21 20	21 22	17 25			n.a.
T 23	9 5	19 59	4 48	14 17	1 28	10 1	1 17	24 33	2 1	0 39	1 39	16 37	1 27	8 31	0 45	23 26	0 20	22 37	17 32	21 23	21 23	17 28			n.a.
F 24	9 27	23 5	4 24	14 53	1 33	9 38	1 20	24 25	1 59	0 41	1 39	16 39	1 27	8 30	0 45	23 26	0 20	22 37	17 32	21 26	21 23	17 30			n.a.
S 25	9 50	25 12	3 49	15 29	1 38	9 16	1 24	24 18	1 58	0 44	1 39	16 41	1 27	8 29	0 45	23 26	0 20	22 37	17 32	21 27	21 24	17 32			n.a.
S 26	10 13	26 11	3 4	16 4	1 43	8 53	1 27	24 10	1 56	0 47	1 38	16 43	1 27	8 28	0 45	23 26	0 20	22 37	17 31	21 29	21 25	17 34			n.a.
M27	10 35	25 56	2 10	16 38	1 48	8 30	1 31	24 3	1 55	0 49	1 38	16 44	1 27	8 27	0 45	23 26	0 20	22 37	17 31	21 30	21 25	17 37			n.a.
T 28	10 57	24 25	1 9	17 12	1 52	8 6	1 34	23 55	1 53	0 51	1 38	16 46	1 27	8 26	0 45	23 26	0 20	22 37	17 31	21 30	21 26	17 39			n.a.
W29	11 19	21 40	0 3	17 44	1 57	7 42	1 37	23 46	1 52	0 54	1 38	16 48	1 27	8 25	0 45	23 26	0 20	22 37	17 31	21 30	21 26	17 41			n.a.
T 30	11 41	17 46	1s 4	18 16	2 0	7 18	1 40	23 38	1 50	0 56	1 37	16 50	1 27	8 24	0 45	23 26	0 20	22 37	17 30	21 30	21 27	17 43			n.a.
F 31	12s 3	12n53	2s11	18s46	2s 4	6n53	1n42	23s29	1s49	0s58	1s37	16s52	1n27	8n23	0n45	23s26	0n20	22s38	17s30	21s30	21s27	17n46			n.a.

Julian Day Number = 1489762.5, Delta T = 05h15m42s
Ecliptic obliquity = 23°46'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'59, Lahiri = -12°42'59 Julian Calendar 1 Oct. 635 BCE == Greg. Calendar 24 Sept. 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

NOVEMBER 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 12 14	2♏11'12	4♍ 2	17♏17	17♍51	24♑ 7	1°R10	21♏ 6	10♍40	1♑30	13°R26	24°R32	24♑47	4♉ 1	n.a.	S 1
S 2	2 16 11	3°12'18	18°20	18°47	19° 1	24°48	1♈ 4	21°13	10°42	1°32	13♓26	24♑27	24°44	4° 7	n.a.	S 2
M 3	2 20 8	4°13'24	3♎ 6	20°16	20°10	25°29	0°59	21°20	10°45	1°33	13°25	24°18	24°41	4°14	n.a.	M 3
T 4	2 24 4	5°14'32	18°14	21°45	21°19	26°10	0°53	21°27	10°48	1°35	13°24	24° 8	24°38	4°21	n.a.	T 4
W 5	2 28 1	6°15'41	3♏34	23°12	22°29	26°51	0°48	21°34	10°50	1°36	13°24	23°56	24°35	4°28	n.a.	W 5
T 6	2 31 57	7°16'51	18°56	24°39	23°39	27°32	0°43	21°41	10°53	1°38	13°23	23°45	24°32	4°34	n.a.	T 6
F 7	2 35 54	8°18'02	4♐ 6	26° 5	24°49	28°13	0°38	21°48	10°55	1°39	13°22	23°36	24°28	4°41	n.a.	F 7
S 8	2 39 50	9°19'13	18°55	27°30	25°59	28°55	0°33	21°54	10°58	1°41	13°22	23°29	24°25	4°48	n.a.	S 8
S 9	2 43 47	10°20'25	3♑18	28°54	27° 9	29°36	0°28	22° 1	11° 0	1°42	13°21	23°25	24°22	4°55	n.a.	S 9
M10	2 47 43	11°21'37	17°11	0♐16	28°20	0♒17	0°24	22° 8	11° 2	1°44	13°21	23°23	24°19	5° 1	n.a.	M10
T 11	2 51 40	12°22'50	0♒35	1°36	29°30	0°59	0°19	22°15	11° 5	1°45	13°20	23°D23	24°16	5° 8	n.a.	T 11
W12	2 55 37	13°24'03	13°34	2°54	0♎41	1°40	0°15	22°22	11° 7	1°47	13°20	23°R24	24°13	5°15	n.a.	W12
T 13	2 59 33	14°25'16	26°11	4°10	1°51	2°22	0°11	22°29	11° 9	1°49	13°19	23°23	24° 9	5°21	n.a.	T 13
F 14	3 3 30	15°26'29	8♓31	5°22	3° 2	3° 3	0° 8	22°36	11°11	1°50	13°19	23°20	24° 6	5°28	n.a.	F 14
S 15	3 7 26	16°27'43	20°39	6°32	4°13	3°44	0° 4	22°43	11°13	1°52	13°18	23°15	24° 3	5°35	n.a.	S 15
S 16	3 11 23	17°28'57	2♈39	7°37	5°24	4°26	0° 1	22°50	11°16	1°54	13°18	23° 7	24° 0	5°42	n.a.	S 16
M17	3 15 19	18°30'11	14°34	8°38	6°36	5° 7	29♓58	22°57	11°18	1°56	13°18	22°57	23°57	5°48	n.a.	M17
T 18	3 19 16	19°31'25	26°26	9°33	7°47	5°49	29°55	23° 4	11°20	1°57	13°17	22°44	23°53	5°55	n.a.	T 18
W19	3 23 12	20°32'39	8♉18	10°22	8°58	6°30	29°52	23°11	11°21	1°59	13°17	22°32	23°50	6° 2	n.a.	W19
T 20	3 27 9	21°33'54	20°12	11° 5	10°10	7°12	29°50	23°18	11°23	2° 1	13°16	22°19	23°47	6° 8	n.a.	T 20
F 21	3 31 6	22°35'09	2♊ 8	11°39	11°22	7°54	29°47	23°26	11°25	2° 3	13°16	22° 8	23°44	6°15	n.a.	F 21
S 22	3 35 2	23°36'25	14° 8	12° 6	12°33	8°35	29°45	23°33	11°27	2° 5	13°16	21°59	23°41	6°22	n.a.	S 22
S 23	3 38 59	24°37'40	26°14	12°22	13°45	9°17	29°43	23°40	11°29	2° 7	13°16	21°53	23°38	6°29	n.a.	S 23
M24	3 42 55	25°38'56	8♋27	12°R28	14°57	9°58	29°42	23°47	11°30	2° 8	13°15	21°50	23°34	6°35	n.a.	M24
T 25	3 46 52	26°40'12	20°50	12°23	16° 9	10°40	29°40	23°54	11°32	2°10	13°15	21°D49	23°31	6°42	n.a.	T 25
W26	3 50 48	27°41'29	3♌27	12° 7	17°21	11°22	29°39	24° 1	11°34	2°12	13°15	21°49	23°28	6°49	n.a.	W26
T 27	3 54 45	28°42'46	16°21	11°38	18°34	12° 3	29°38	24° 8	11°35	2°14	13°15	21°51	23°25	6°55	n.a.	T 27
F 28	3 58 42	29°44'02	29°35	10°58	19°46	12°45	29°37	24°15	11°37	2°16	13°15	21°R51	23°22	7° 2	n.a.	F 28
S 29	4 2 38	0♐45'19	13♍13	10° 7	20°58	13°27	29°36	24°22	11°38	2°18	13°14	21°50	23°19	7° 9	n.a.	S 29
S 30	4 6 35	1♐46'37	27♍17	9♐ 6	22♎11	14♒ 8	29♓36	24♏29	11♍39	2♑20	13♓14	21♑48	23♑15	7♉16	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s24	7n11	3s12	19s16	2s 7	6n28	1n45	23s21	1s47	1s 0	1s37	16s54	1n26	8n22	0n45	23s26	0n20	22s38	17s30	21s31	21s28	17n48		n.a.
S 2	12 45	0 57	4 3	19 44	2 10	6 3	1 48	23 12	1 46	1 3	1 37	16 56	1 26	8 21	0 45	23 26	0 20	22 38	17 29	21 32	21 29	17 50		n.a.
M 3	13 6	5s32	4 40	20 11	2 13	5 38	1 50	23 3	1 44	1 5	1 36	16 58	1 26	8 20	0 45	23 26	0 20	22 38	17 29	21 33	21 29	17 52		n.a.
T 4	13 27	11 50	4 59	20 38	2 15	5 12	1 52	22 53	1 43	1 7	1 36	17 0	1 26	8 19	0 45	23 26	0 20	22 38	17 29	21 35	21 30	17 54		n.a.
W 5	13 48	17 31	4 56	21 2	2 17	4 46	1 54	22 44	1 41	1 9	1 36	17 1	1 26	8 18	0 45	23 26	0 20	22 38	17 29	21 37	21 30	17 57		n.a.
T 6	14 8	22 3	4 32	21 26	2 18	4 20	1 56	22 34	1 40	1 10	1 36	17 3	1 26	8 17	0 45	23 26	0 20	22 38	17 28	21 39	21 31	17 59		n.a.
F 7	14 28	25 1	3 49	21 48	2 19	3 54	1 58	22 24	1 38	1 12	1 35	17 5	1 26	8 16	0 45	23 26	0 20	22 37	17 28	21 41	21 31	18 1		n.a.
S 8	14 48	26 9	2 52	22 8	2 19	3 27	2 0	22 14	1 37	1 14	1 35	17 7	1 26	8 15	0 45	23 26	0 20	22 37	17 28	21 42	21 32	18 3		n.a.
S 9	15 8	25 28	1 44	22 27	2 19	3 0	2 2	22 4	1 35	1 15	1 35	17 9	1 26	8 14	0 45	23 26	0 20	22 37	17 27	21 43	21 33	18 5		n.a.
M10	15 27	23 12	0 33	22 44	2 18	2 33	2 3	21 54	1 34	1 17	1 34	17 11	1 26	8 13	0 45	23 26	0 20	22 37	17 27	21 43	21 33	18 7		n.a.
T 11	15 46	19 41	0n38	23 0	2 16	2 6	2 5	21 43	1 32	1 18	1 34	17 13	1 26	8 12	0 45	23 26	0 20	22 37	17 27	21 43	21 34	18 10		n.a.
W12	16 5	15 19	1 45	23 13	2 14	1 39	2 6	21 33	1 31	1 20	1 34	17 15	1 25	8 12	0 45	23 26	0 20	22 37	17 26	21 43	21 34	18 12		n.a.
T 13	16 23	10 23	2 45	23 25	2 11	1 12	2 7	21 22	1 30	1 21	1 34	17 16	1 25	8 11	0 45	23 26	0 20	22 37	17 26	21 43	21 35	18 14		n.a.
F 14	16 42	5 10	3 35	23 35	2 7	0 44	2 8	21 11	1 28	1 22	1 33	17 18	1 25	8 10	0 45	23 26	0 20	22 37	17 26	21 43	21 35	18 16		n.a.
S 15	16 59	0n 9	4 15	23 42	2 2	0 16	2 9	20 59	1 27	1 23	1 33	17 20	1 25	8 9	0 45	23 26	0 20	22 37	17 25	21 44	21 36	18 18		n.a.
S 16	17 17	5 24	4 44	23 48	1 56	0s11	2 10	20 48	1 25	1 24	1 33	17 22	1 25	8 8	0 45	23 26	0 20	22 37	17 25	21 46	21 37	18 20		n.a.
M17	17 34	10 24	4 59	23 51	1 50	0 39	2 11	20 36	1 24	1 25	1 32	17 24	1 25	8 8	0 45	23 26	0 20	22 36	17 25	21 47	21 37	18 23		n.a.
T 18	17 51	15 1	5 2	23 52	1 41	1 7	2 12	20 25	1 23	1 26	1 32	17 26	1 25	8 7	0 46	23 26	0 20	22 36	17 24	21 49	21 38	18 25		n.a.
W19	18 8	19 3	4 51	23 50	1 32	1 35	2 12	20 13	1 21	1 27	1 32	17 28	1 25	8 6	0 46	23 26	0 20	22 36	17 24	21 52	21 38	18 27		n.a.
T 20	18 24	22 20	4 28	23 46	1 22	2 3	2 13	20 1	1 20	1 28	1 31	17 29	1 25	8 6	0 46	23 26	0 20	22 36	17 24	21 54	21 39	18 29		n.a.
F 21	18 40	24 41	3 53	23 39	1 10	2 31	2 13	19 49	1 18	1 28	1 31	17 31	1 25	8 5	0 46	23 26	0 20	22 36	17 23	21 56	21 39	18 31		n.a.
S 22	18 56	25 55	3 7	23 30	0 57	2 59	2 13	19 36	1 17	1 29	1 31	17 33	1 25	8 4	0 46	23 26	0 20	22 36	17 23	21 57	21 40	18 33		n.a.
S 23	19 11	25 56	2 12	23 18	0 43	3 28	2 13	19 24	1 16	1 29	1 30	17 35	1 25	8 4	0 46	23 26	0 20	22 35	17 23	21 58	21 40	18 35		n.a.
M24	19 26	24 41	1 11	23 3	0 27	3 56	2 13	19 11	1 14	1 30	1 30	17 37	1 25	8 3	0 46	23 26	0 20	22 35	17 22	21 58	21 41	18 37		n.a.
T 25	19 41	22 13	0 5	22 45	0 10	4 24	2 13	18 59	1 13	1 30	1 30	17 39	1 25	8 2	0 46	23 26	0 20	22 35	17 22	21 59	21 42	18 39		n.a.
W26	19 55	18 39	1s 2	22 25	0n 8	4 52	2 13	18 46	1 12	1 30	1 29	17 40	1 25	8 2	0 46	23 25	0 20	22 35	17 21	21 59	21 42	18 42		n.a.
T 27	20 9	14 8	2 8	22 3	0 27	5 20	2 12	18 33	1 11	1 30	1 29	17 42	1 24	8 1	0 46	23 25	0 20	22 34	17 21	21 58	21 43	18 44		n.a.
F 28	20 22	8 50	3 9	21 37	0 47	5 48	2 12	18 19	1 9	1 30	1 29	17 44	1 24	8 1	0 46	23 25	0 20	22 34	17 21	21 58	21 43	18 46		n.a.
S 29	20 36	2 59	4 1	21 10	1 7	6 16	2 12	18 6	1 8	1 30	1 28	17 46	1 24	8 0	0 46	23 25	0 20	22 34	17 20	21 58	21 44	18 48		n.a.
S 30	20s48	3s11	4s40	20s41	1n27	6s44	2n11	17s53	1s 7	1s30	1s28	17s47	1n24	8n 0	0n46	23s25	0n20	22s34	17s20	21s59	21s44	18n50		n.a.

Julian Day Number = 1489793.5, Delta T = 05h15m40s
Ecliptic obliquity = 23°46'22, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'55, Lahiri = -12°42'54 Julian Calendar 1 Nov. 635 BCE == Greg. Calendar 25 Oct. 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 635 BCE
geocentric

DECEMBER 635 BCE (-634) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 10 31	2♐47'54	11♎46	7°R56	23♎23	14♒50	29°R35	24♏36	11♍41	2♑22	13°R14	21°R43	23♑12	7♉22	n.a.	M 1
T 2	4 14 28	3°49'12	26°36	6♐41	24°36	15°32	29°D35	24°43	11°42	2°24	13♓14	21♑36	23° 9	7°29	n.a.	T 2
W 3	4 18 24	4°50'29	11♏42	5°21	25°48	16°13	29♓35	24°50	11°43	2°26	13°14	21°28	23° 6	7°36	n.a.	W 3
T 4	4 22 21	5°51'47	26°53	4° 1	27° 1	16°55	29°36	24°57	11°44	2°28	13°D14	21°21	23° 3	7°43	n.a.	T 4
F 5	4 26 17	6°53'04	11♐59	2°41	28°14	17°37	29°36	25° 4	11°45	2°31	13°14	21°15	22°59	7°49	n.a.	F 5
S 6	4 30 14	7°54'21	26°50	1°26	29°26	18°18	29°37	25°11	11°46	2°33	13°14	21°10	22°56	7°56	n.a.	S 6
S 7	4 34 11	8°55'37	11♑20	0°17	0♏39	19° 0	29°38	25°18	11°47	2°35	13°14	21° 8	22°53	8° 3	n.a.	S 7
M 8	4 38 7	9°56'53	25°22	29♏15	1°52	19°42	29°39	25°24	11°48	2°37	13°14	21°D 8	22°50	8° 9	n.a.	M 8
T 9	4 42 4	10°58'08	8♒57	28°21	3° 5	20°23	29°41	25°31	11°49	2°39	13°14	21° 9	22°47	8°16	n.a.	T 9
W10	4 46 0	11°59'22	22° 4	27°38	4°18	21° 5	29°42	25°38	11°50	2°41	13°14	21°10	22°44	8°23	n.a.	W10
T 11	4 49 57	13° 0'35	4♓47	27° 3	5°31	21°47	29°44	25°45	11°51	2°43	13°15	21°12	22°40	8°30	n.a.	T 11
F 12	4 53 53	14° 1'48	17°11	26°39	6°44	22°28	29°46	25°52	11°51	2°46	13°15	21°R12	22°37	8°36	n.a.	F 12
S 13	4 57 50	15° 2'59	29°20	26°24	7°57	23°10	29°49	25°59	11°52	2°48	13°15	21°11	22°34	8°43	n.a.	S 13
S 14	5 1 47	16° 4'10	11♈19	26°D18	9°11	23°52	29°51	26° 6	11°53	2°50	13°15	21° 8	22°31	8°50	n.a.	S 14
M15	5 5 43	17° 5'19	23°12	26°21	10°24	24°33	29°54	26°12	11°53	2°52	13°15	21° 3	22°28	8°56	n.a.	M15
T 16	5 9 40	18° 6'28	5♉ 3	26°31	11°37	25°15	29°56	26°19	11°54	2°54	13°16	20°58	22°24	9° 3	n.a.	T 16
W17	5 13 36	19° 7'36	16°55	26°49	12°50	25°57	29°59	26°26	11°54	2°57	13°16	20°52	22°21	9°10	n.a.	W17
T 18	5 17 33	20° 8'43	28°52	27°13	14° 4	26°38	0♈ 3	26°32	11°54	2°59	13°16	20°46	22°18	9°17	n.a.	T 18
F 19	5 21 29	21° 9'49	10♊54	27°44	15°17	27°20	0° 6	26°39	11°55	3° 1	13°17	20°40	22°15	9°23	n.a.	F 19
S 20	5 25 26	22°10'54	23° 4	28°20	16°30	28° 2	0°10	26°46	11°55	3° 3	13°17	20°36	22°12	9°30	n.a.	S 20
S 21	5 29 22	23°11'58	5♋22	29° 1	17°44	28°43	0°13	26°52	11°55	3° 6	13°17	20°34	22° 9	9°37	n.a.	S 21
M22	5 33 19	24°13'01	17°51	29°46	18°57	29°25	0°17	26°59	11°55	3° 8	13°18	20°D33	22° 5	9°43	n.a.	M22
T 23	5 37 16	25°14'03	0♌30	0♐36	20°11	0♓ 6	0°22	27° 5	11°55	3°10	13°18	20°33	22° 2	9°50	n.a.	T 23
W24	5 41 12	26°15'04	13°22	1°29	21°24	0°48	0°26	27°12	11°R55	3°12	13°18	20°34	21°59	9°57	n.a.	W24
T 25	5 45 9	27°16'05	26°28	2°26	22°38	1°29	0°30	27°18	11°55	3°15	13°19	20°36	21°56	10° 4	n.a.	T 25
F 26	5 49 5	28°17'04	9♍49	3°25	23°51	2°11	0°35	27°25	11°55	3°17	13°19	20°38	21°53	10°10	n.a.	F 26
S 27	5 53 2	29°18'03	23°27	4°28	25° 5	2°52	0°40	27°31	11°55	3°19	13°20	20°R38	21°50	10°17	n.a.	S 27
S 28	5 56 58	0♑19'01	7♎22	5°33	26°18	3°34	0°45	27°37	11°55	3°21	13°20	20°38	21°46	10°24	n.a.	S 28
M29	6 0 55	1°19'57	21°35	6°40	27°32	4°15	0°50	27°43	11°55	3°24	13°21	20°37	21°43	10°31	n.a.	M29
T 30	6 4 51	2°20'53	6♏ 3	7°49	28°45	4°57	0°56	27°50	11°54	3°26	13°22	20°36	21°40	10°37	n.a.	T 30
W31	6 8 48	3♑21'48	20♏43	9♐ 0	29♏59	5♓38	1♈ 1	27♏56	11♍54	3♑28	13♓22	20♑33	21♑37	10♉44	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21s 1	9s21	5s 3	20s11	1n46	7s12	2n10	17s39	1s 5	1s30	1s28	17s49	1n24	7n59	0n46	23s25	0n20	22s33	17s20	22s 0	21s45	18n52			n.a.
T 2	21 12	15 9	5 6	19 41	2 5	7 39	2 9	17 25	1 4	1 30	1 27	17 51	1 24	7 59	0 46	23 25	0 20	22 33	17 19	22 1	21 45	18 54			n.a.
W 3	21 24	20 7	4 49	19 10	2 22	8 7	2 9	17 12	1 3	1 29	1 27	17 53	1 24	7 58	0 46	23 25	0 20	22 33	17 19	22 2	21 46	18 56			n.a.
T 4	21 35	23 47	4 11	18 41	2 37	8 34	2 8	16 58	1 2	1 29	1 27	17 54	1 24	7 58	0 46	23 25	0 20	22 32	17 19	22 3	21 46	18 58			n.a.
F 5	21 46	25 46	3 15	18 13	2 50	9 1	2 7	16 44	1 0	1 28	1 26	17 56	1 24	7 58	0 46	23 25	0 20	22 32	17 18	22 4	21 47	19 0			n.a.
S 6	21 56	25 52	2 8	17 48	3 0	9 29	2 5	16 29	0 59	1 28	1 26	17 58	1 24	7 57	0 46	23 25	0 20	22 32	17 18	22 5	21 48	19 2			n.a.
S 7	22 6	24 10	0 53	17 25	3 8	9 55	2 4	16 15	0 58	1 27	1 25	18 0	1 24	7 57	0 46	23 25	0 20	22 31	17 17	22 5	21 48	19 4			n.a.
M 8	22 15	20 59	0n23	17 7	3 14	10 22	2 3	16 1	0 57	1 26	1 25	18 1	1 24	7 57	0 46	23 25	0 20	22 31	17 17	22 5	21 49	19 6			n.a.
T 9	22 24	16 44	1 35	16 52	3 18	10 49	2 2	15 46	0 55	1 25	1 25	18 3	1 24	7 56	0 46	23 25	0 20	22 30	17 17	22 5	21 49	19 8			n.a.
W10	22 32	11 50	2 40	16 41	3 19	11 15	2 0	15 31	0 54	1 24	1 24	18 5	1 24	7 56	0 46	23 25	0 20	22 30	17 16	22 5	21 50	19 10			n.a.
T 11	22 41	6 33	3 35	16 33	3 18	11 41	1 59	15 17	0 53	1 23	1 24	18 6	1 24	7 56	0 46	23 25	0 19	22 30	17 16	22 5	21 50	19 12			n.a.
F 12	22 48	1 10	4 18	16 30	3 16	12 7	1 57	15 2	0 52	1 22	1 24	18 8	1 24	7 56	0 46	23 25	0 19	22 29	17 16	22 5	21 51	19 14			n.a.
S 13	22 55	4n 8	4 49	16 30	3 13	12 32	1 55	14 47	0 51	1 21	1 23	18 10	1 24	7 55	0 47	23 25	0 19	22 29	17 15	22 5	21 51	19 16			n.a.
S 14	23 2	9 13	5 7	16 33	3 8	12 58	1 53	14 32	0 50	1 20	1 23	18 11	1 24	7 55	0 47	23 25	0 19	22 28	17 15	22 5	21 52	19 18			n.a.
M15	23 8	13 56	5 11	16 40	3 2	13 23	1 52	14 17	0 48	1 18	1 23	18 13	1 24	7 55	0 47	23 25	0 19	22 28	17 14	22 6	21 52	19 20			n.a.
T 16	23 14	18 7	5 2	16 49	2 55	13 47	1 50	14 1	0 47	1 17	1 22	18 14	1 24	7 55	0 47	23 25	0 19	22 28	17 14	22 7	21 53	19 22			n.a.
W17	23 19	21 35	4 40	17 0	2 48	14 12	1 48	13 46	0 46	1 15	1 22	18 16	1 24	7 55	0 47	23 25	0 19	22 27	17 14	22 8	21 53	19 24			n.a.
T 18	23 24	24 10	4 6	17 13	2 40	14 36	1 46	13 31	0 45	1 14	1 22	18 18	1 24	7 55	0 47	23 25	0 19	22 27	17 13	22 9	21 54	19 26			n.a.
F 19	23 28	25 41	3 20	17 29	2 31	15 0	1 44	13 15	0 44	1 12	1 21	18 19	1 24	7 55	0 47	23 25	0 19	22 26	17 13	22 9	21 54	19 28			n.a.
S 20	23 32	26 0	2 25	17 45	2 22	15 23	1 42	12 59	0 43	1 10	1 21	18 21	1 24	7 55	0 47	23 25	0 19	22 26	17 13	22 10	21 55	19 30			n.a.
S 21	23 36	25 2	1 22	18 3	2 13	15 46	1 39	12 44	0 42	1 8	1 21	18 22	1 24	7 54	0 47	23 25	0 19	22 25	17 12	22 10	21 55	19 32			n.a.
M22	23 39	22 49	0 15	18 22	2 4	16 9	1 37	12 28	0 40	1 7	1 20	18 24	1 24	7 54	0 47	23 25	0 19	22 25	17 12	22 11	21 56	19 34			n.a.
T 23	23 41	19 26	0s54	18 41	1 55	16 31	1 35	12 12	0 39	1 5	1 20	18 25	1 24	7 54	0 47	23 25	0 19	22 24	17 12	22 11	21 56	19 36			n.a.
W24	23 43	15 5	2 2	19 2	1 45	16 53	1 33	11 56	0 38	1 3	1 20	18 27	1 24	7 55	0 47	23 25	0 19	22 24	17 11	22 10	21 57	19 38			n.a.
T 25	23 45	9 58	3 5	19 22	1 36	17 14	1 30	11 40	0 37	1 0	1 19	18 28	1 24	7 55	0 47	23 25	0 19	22 23	17 11	22 10	21 58	19 40			n.a.
F 26	23 46	4 19	3 59	19 43	1 26	17 35	1 28	11 24	0 36	0 58	1 19	18 30	1 24	7 55	0 47	23 25	0 19	22 23	17 10	22 10	21 58	19 42			n.a.
S 27	23 46	1s39	4 41	20 4	1 17	17 55	1 25	11 8	0 35	0 56	1 19	18 31	1 24	7 55	0 47	23 25	0 19	22 22	17 10	22 10	21 59	19 44			n.a.
S 28	23 46	7 39	5 7	20 25	1 8	18 15	1 23	10 52	0 34	0 54	1 18	18 33	1 24	7 55	0 47	23 25	0 19	22 22	17 10	22 10	21 59	19 46			n.a.
M29	23 46	13 23	5 15	20 46	0 58	18 35	1 20	10 36	0 33	0 51	1 18	18 34	1 24	7 55	0 47	23 24	0 19	22 21	17 9	22 10	22 0	19 48			n.a.
T 30	23 45	18 29	5 4	21 7	0 49	18 54	1 18	10 19	0 32	0 49	1 18	18 35	1 24	7 55	0 47	23 24	0 19	22 21	17 9	22 10	22 0	19 50			n.a.
W31	23s44	22s33	4s33	21s27	0n40	19s13	1n15	10s 3	0s31	0s46	1s18	18s37	1n24	7n55	0n47	23s24	0n19	22s20	17s 9	22s11	22s 1	19n51			n.a.

Julian Day Number = 1489823.5, Delta T = 05h15m39s
Ecliptic obliquity = 23°46'22, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'51, Lahiri = -12°42'50 Julian Calendar 1 Dec. 635 BCE == Greg. Calendar 24 Nov. 635 BCE

The year -634 astronomical counting style corresponds to year 635 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

JANUARY 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 12 45	4♑22'42	5♐28	10♐14	1♐13	6♓20	1♈ 7	28♏ 2	11°R53	3♑30	13♓23	20°R31	21♑34	10♉51	n.a.	T 1
F 2	6 16 41	5°23'35	20°12	11°28	2°26	7° 1	1°13	28° 8	11♍53	3°33	13°23	20♑29	21°30	10°57	n.a.	F 2
S 3	6 20 38	6°24'27	4♑47	12°45	3°40	7°43	1°19	28°14	11°52	3°35	13°24	20°28	21°27	11° 4	n.a.	S 3
S 4	6 24 34	7°25'17	19° 7	14° 2	4°54	8°24	1°26	28°20	11°52	3°37	13°25	20°D28	21°24	11°11	n.a.	S 4
M 5	6 28 31	8°26'06	3♒ 6	15°21	6° 8	9° 5	1°32	28°26	11°51	3°40	13°25	20°28	21°21	11°18	n.a.	M 5
T 6	6 32 27	9°26'53	16°43	16°42	7°21	9°47	1°39	28°32	11°50	3°42	13°26	20°29	21°18	11°24	n.a.	T 6
W 7	6 36 24	10°27'38	29°55	18° 3	8°35	10°28	1°45	28°38	11°50	3°44	13°27	20°30	21°15	11°31	n.a.	W 7
T 8	6 40 21	11°28'21	12♓45	19°26	9°49	11° 9	1°52	28°44	11°49	3°46	13°28	20°31	21°11	11°38	n.a.	T 8
F 9	6 44 17	12°29'03	25°14	20°50	11° 3	11°51	2° 0	28°50	11°48	3°49	13°28	20°31	21° 8	11°44	n.a.	F 9
S 10	6 48 14	13°29'43	7♈27	22°15	12°16	12°32	2° 7	28°55	11°47	3°51	13°29	20°32	21° 5	11°51	n.a.	S 10
S 11	6 52 10	14°30'21	19°28	23°41	13°30	13°13	2°14	29° 1	11°46	3°53	13°30	20°R32	21° 2	11°58	n.a.	S 11
M12	6 56 7	15°30'57	1♉22	25° 8	14°44	13°55	2°22	29° 6	11°45	3°55	13°31	20°31	20°59	12° 5	n.a.	M12
T 13	7 0 3	16°31'31	13°14	26°36	15°58	14°36	2°29	29°12	11°44	3°58	13°32	20°31	20°56	12°11	n.a.	T 13
W14	7 4 0	17°32'03	25° 7	28° 5	17°11	15°17	2°37	29°17	11°43	4° 0	13°32	20°31	20°52	12°18	n.a.	W14
T 15	7 7 56	18°32'34	7♊ 6	29°35	18°25	15°58	2°45	29°23	11°42	4° 2	13°33	20°30	20°49	12°25	n.a.	T 15
F 16	7 11 53	19°33'02	19°14	1♋ 6	19°39	16°39	2°53	29°28	11°41	4° 4	13°34	20°30	20°46	12°31	n.a.	F 16
S 17	7 15 50	20°33'29	1♋33	2°38	20°53	17°20	3° 2	29°34	11°39	4° 7	13°35	20°D30	20°43	12°38	n.a.	S 17
S 18	7 19 46	21°33'54	14° 6	4°11	22° 7	18° 1	3°10	29°39	11°38	4° 9	13°36	20°R30	20°40	12°45	n.a.	S 18
M19	7 23 43	22°34'17	26°53	5°45	23°21	18°43	3°19	29°44	11°37	4°11	13°37	20°30	20°36	12°52	n.a.	M19
T 20	7 27 39	23°34'38	9♌55	7°20	24°34	19°24	3°27	29°49	11°35	4°13	13°38	20°30	20°33	12°58	n.a.	T 20
W21	7 31 36	24°34'57	23°11	8°56	25°48	20° 5	3°36	29°54	11°34	4°15	13°39	20°30	20°30	13° 5	n.a.	W21
T 22	7 35 32	25°35'15	6♍40	10°33	27° 2	20°46	3°45	29°59	11°32	4°17	13°40	20°29	20°27	13°12	n.a.	T 22
F 23	7 39 29	26°35'30	20°21	12°11	28°16	21°27	3°54	0♐ 4	11°31	4°20	13°41	20°28	20°24	13°18	n.a.	F 23
S 24	7 43 25	27°35'45	4♎12	13°49	29°30	22° 8	4° 3	0° 9	11°29	4°22	13°42	20°28	20°21	13°25	n.a.	S 24
S 25	7 47 22	28°35'57	18°13	15°29	0♑44	22°48	4°13	0°13	11°28	4°24	13°43	20°27	20°17	13°32	n.a.	S 25
M26	7 51 19	29°36'08	2♏22	17°10	1°57	23°29	4°22	0°18	11°26	4°26	13°44	20°D27	20°14	13°39	n.a.	M26
T 27	7 55 15	0♒36'17	16°35	18°52	3°11	24°10	4°32	0°23	11°24	4°28	13°45	20°27	20°11	13°45	n.a.	T 27
W28	7 59 12	1°36'25	0♐52	20°35	4°25	24°51	4°41	0°27	11°23	4°30	13°46	20°28	20° 8	13°52	n.a.	W28
T 29	8 3 8	2°36'31	15° 9	22°19	5°39	25°32	4°51	0°32	11°21	4°32	13°47	20°29	20° 5	13°59	n.a.	T 29
F 30	8 7 5	3°36'36	29°23	24° 4	6°53	26°13	5° 1	0°36	11°19	4°34	13°48	20°30	20° 2	14° 5	n.a.	F 30
S 31	8 11 1	4♒36'38	13♑30	25♑50	8♑ 7	26♓54	5♈11	0♐41	11♍17	4♑36	13♓50	20°R31	19♑58	14♉12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s42	25 s11	3 s44	21 s47	0n31	19 s31	1n12	9 s47	0 s30	0 s44	1 s17	18 s38	1n24	7n56	0n47	23 s24	0n19	22 s20	17 s 8	22 s11	22 s 1	19n53		n.a.
F 2	23 40	26 3	2 40	22 6	0 22	19 48	1 10	9 30	0 29	0 41	1 17	18 39	1 24	7 56	0 47	23 24	0 19	22 19	17 8	22 11	22 2	19 55		n.a.
S 3	23 37	25 7	1 26	22 25	0 14	20 5	1 7	9 13	0 28	0 38	1 17	18 41	1 24	7 56	0 47	23 24	0 19	22 18	17 8	22 11	22 2	19 57		n.a.
S 4	23 34	22 31	0 7	22 43	0 5	20 22	1 4	8 57	0 27	0 35	1 16	18 42	1 24	7 56	0 47	23 24	0 19	22 18	17 7	22 11	22 3	19 59		n.a.
M 5	23 30	18 37	1n 9	23 0	0s 3	20 37	1 1	8 40	0 26	0 32	1 16	18 43	1 24	7 57	0 47	23 24	0 19	22 17	17 7	22 11	22 3	20 1		n.a.
T 6	23 26	13 49	2 20	23 17	0 11	20 53	0 58	8 23	0 25	0 29	1 16	18 45	1 24	7 57	0 48	23 24	0 19	22 17	17 7	22 11	22 4	20 3		n.a.
W 7	23 21	8 31	3 22	23 32	0 19	21 8	0 56	8 7	0 24	0 26	1 15	18 46	1 24	7 57	0 48	23 24	0 19	22 16	17 6	22 11	22 4	20 5		n.a.
T 8	23 16	3 1	4 11	23 47	0 26	21 22	0 53	7 50	0 23	0 23	1 15	18 47	1 24	7 58	0 48	23 24	0 19	22 16	17 6	22 11	22 5	20 6		n.a.
F 9	23 11	2n27	4 47	24 1	0 34	21 35	0 50	7 33	0 22	0 20	1 15	18 48	1 24	7 58	0 48	23 24	0 19	22 15	17 6	22 11	22 5	20 8		n.a.
S 10	23 5	7 43	5 9	24 13	0 41	21 48	0 47	7 16	0 21	0 17	1 14	18 50	1 24	7 58	0 48	23 24	0 19	22 14	17 5	22 11	22 6	20 10		n.a.
S 11	22 58	12 36	5 17	24 25	0 48	22 0	0 44	6 59	0 20	0 14	1 14	18 51	1 24	7 59	0 48	23 24	0 19	22 14	17 5	22 11	22 6	20 12		n.a.
M12	22 51	16 58	5 11	24 36	0 55	22 12	0 41	6 42	0 19	0 11	1 14	18 52	1 24	7 59	0 48	23 24	0 19	22 13	17 5	22 11	22 7	20 14		n.a.
T 13	22 44	20 40	4 53	24 45	1 1	22 23	0 38	6 25	0 18	0 7	1 14	18 53	1 24	8 0	0 48	23 24	0 19	22 12	17 4	22 11	22 7	20 16		n.a.
W14	22 36	23 32	4 21	24 53	1 7	22 33	0 36	6 8	0 17	0 4	1 13	18 54	1 24	8 0	0 48	23 24	0 19	22 12	17 4	22 11	22 8	20 17		n.a.
T 15	22 28	25 23	3 38	25 0	1 13	22 43	0 33	5 51	0 16	0 0	1 13	18 56	1 24	8 1	0 48	23 24	0 19	22 11	17 4	22 11	22 8	20 19		n.a.
F 16	22 20	26 4	2 45	25 5	1 19	22 52	0 30	5 34	0 15	0n 3	1 13	18 57	1 24	8 1	0 48	23 23	0 19	22 11	17 4	22 11	22 9	20 21		n.a.
S 17	22 10	25 29	1 43	25 9	1 24	23 1	0 27	5 17	0 14	0 7	1 12	18 58	1 24	8 2	0 48	23 23	0 19	22 10	17 3	22 11	22 9	20 23		n.a.
S 18	22 1	23 36	0 35	25 12	1 29	23 8	0 24	5 0	0 14	0 10	1 12	18 59	1 24	8 2	0 48	23 23	0 19	22 9	17 3	22 11	22 10	20 25		n.a.
M19	21 51	20 30	0s35	25 13	1 34	23 15	0 21	4 43	0 13	0 14	1 12	19 0	1 24	8 3	0 48	23 23	0 19	22 9	17 3	22 11	22 10	20 26		n.a.
T 20	21 41	16 19	1 46	25 12	1 38	23 22	0 18	4 26	0 12	0 18	1 12	19 1	1 25	8 3	0 48	23 23	0 19	22 8	17 2	22 11	22 11	20 28		n.a.
W21	21 30	11 17	2 51	25 10	1 43	23 27	0 15	4 9	0 11	0 22	1 11	19 2	1 25	8 4	0 48	23 23	0 19	22 7	17 2	22 11	22 11	20 30		n.a.
T 22	21 19	5 39	3 49	25 7	1 46	23 32	0 12	3 52	0 10	0 26	1 11	19 3	1 25	8 4	0 48	23 23	0 19	22 7	17 2	22 11	22 11	20 32		n.a.
F 23	21 8	0s19	4 34	25 2	1 50	23 36	0 9	3 35	0 9	0 29	1 11	19 4	1 25	8 5	0 48	23 23	0 19	22 6	17 2	22 11	22 12	20 34		n.a.
S 24	20 56	6 20	5 4	24 55	1 53	23 40	0 7	3 18	0 8	0 33	1 11	19 5	1 25	8 6	0 48	23 23	0 19	22 5	17 1	22 11	22 12	20 35		n.a.
S 25	20 44	12 6	5 17	24 46	1 56	23 43	0 4	3 0	0 7	0 37	1 10	19 6	1 25	8 6	0 48	23 23	0 19	22 5	17 1	22 11	22 13	20 37		n.a.
M26	20 31	17 18	5 10	24 36	1 58	23 45	0 1	2 43	0 7	0 41	1 10	19 7	1 25	8 7	0 48	23 23	0 19	22 4	17 1	22 11	22 13	20 39		n.a.
T 27	20 18	21 34	4 45	24 24	2 0	23 46	0s 2	2 26	0 6	0 45	1 10	19 8	1 25	8 8	0 48	23 23	0 19	22 3	17 1	22 11	22 14	20 41		n.a.
W28	20 5	24 33	4 1	24 10	2 1	23 47	0 5	2 9	0 5	0 50	1 10	19 9	1 25	8 8	0 48	23 23	0 19	22 3	17 0	22 11	22 14	20 42		n.a.
T 29	19 51	25 58	3 3	23 55	2 3	23 46	0 7	1 52	0 4	0 54	1 9	19 10	1 25	8 9	0 48	23 23	0 19	22 2	17 0	22 11	22 15	20 44		n.a.
F 30	19 37	25 41	1 54	23 37	2 3	23 46	0 10	1 35	0 3	0 58	1 9	19 11	1 25	8 10	0 48	23 23	0 19	22 1	17 0	22 11	22 15	20 46		n.a.
S 31	19 s23	23 s43	0 s39	23 s18	2 s 3	23 s44	0 s13	1 s17	0 s 2	1n 2	1 s 9	19 s11	1n25	8n11	0n48	23 s23	0n19	22 s 1	17 s 0	22 s11	22 s16	20n48		n.a.

Julian Day Number = 1489854.5, Delta T = 05h15m37s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'47, Lahiri = -12°42'46 Julian Calendar 1 Jan. 634 BCE == Greg. Calendar 25 Dec. 635 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

FEBRUARY 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 14 58	5♒36'39	27♑27	27♑37	9♑21	27♓34	5♈21	0♐45	11°R15	4♑38	13♓51	20°R31	19♑55	14♉19	n.a.	S 1
M 2	8 18 54	6°36'37	11♒ 9	29°25	10°34	28°15	5°32	0°49	11♍13	4°40	13°52	20♑30	19°52	14°26	n.a.	M 2
T 3	8 22 51	7°36'34	24°35	1♒15	11°48	28°56	5°42	0°53	11°11	4°42	13°53	20°28	19°49	14°32	n.a.	T 3
W 4	8 26 48	8°36'28	7♓42	3° 5	13° 2	29°36	5°52	0°57	11° 9	4°44	13°54	20°26	19°46	14°39	n.a.	W 4
T 5	8 30 44	9°36'20	20°30	4°57	14°16	0♈17	6° 3	1° 1	11° 7	4°46	13°55	20°23	19°42	14°46	n.a.	T 5
F 6	8 34 41	10°36'09	3♈ 1	6°50	15°30	0°58	6°14	1° 5	11° 5	4°48	13°57	20°20	19°39	14°52	n.a.	F 6
S 7	8 38 37	11°35'57	15°16	8°44	16°44	1°38	6°24	1° 9	11° 3	4°50	13°58	20°17	19°36	14°59	n.a.	S 7
S 8	8 42 34	12°35'42	27°19	10°39	17°58	2°19	6°35	1°12	11° 1	4°52	13°59	20°15	19°33	15° 6	n.a.	S 8
M 9	8 46 30	13°35'24	9♉14	12°35	19°11	2°59	6°46	1°16	10°59	4°54	14° 0	20°D14	19°30	15°13	n.a.	M 9
T 10	8 50 27	14°35'04	21° 6	14°32	20°25	3°40	6°57	1°20	10°57	4°56	14° 2	20°14	19°27	15°19	n.a.	T 10
W11	8 54 23	15°34'42	2♊59	16°29	21°39	4°21	7° 9	1°23	10°54	4°58	14° 3	20°15	19°23	15°26	n.a.	W11
T 12	8 58 20	16°34'18	14°59	18°28	22°53	5° 1	7°20	1°26	10°52	4°59	14° 4	20°17	19°20	15°33	n.a.	T 12
F 13	9 2 16	17°33'51	27° 9	20°27	24° 7	5°41	7°31	1°30	10°50	5° 1	14° 5	20°19	19°17	15°39	n.a.	F 13
S 14	9 6 13	18°33'22	9♋35	22°27	25°20	6°22	7°43	1°33	10°47	5° 3	14° 7	20°20	19°14	15°46	n.a.	S 14
S 15	9 10 10	19°32'51	22°18	24°28	26°34	7° 2	7°54	1°36	10°45	5° 5	14° 8	20°R20	19°11	15°53	n.a.	S 15
M16	9 14 6	20°32'17	5♌21	26°28	27°48	7°43	8° 6	1°39	10°43	5° 7	14° 9	20°20	19° 8	15°59	n.a.	M16
T 17	9 18 3	21°31'41	18°44	28°29	29° 2	8°23	8°17	1°42	10°40	5° 8	14°11	20°17	19° 4	16° 6	n.a.	T 17
W18	9 21 59	22°31'02	2♍25	0♓30	0♒16	9° 3	8°29	1°45	10°38	5°10	14°12	20°13	19° 1	16°13	n.a.	W18
T 19	9 25 56	23°30'22	16°23	2°30	1°30	9°43	8°41	1°47	10°36	5°12	14°13	20° 8	18°58	16°20	n.a.	T 19
F 20	9 29 52	24°29'39	0♎32	4°29	2°43	10°24	8°53	1°50	10°33	5°13	14°15	20° 3	18°55	16°26	n.a.	F 20
S 21	9 33 49	25°28'55	14°48	6°27	3°57	11° 4	9° 5	1°53	10°31	5°15	14°16	19°58	18°52	16°33	n.a.	S 21
S 22	9 37 45	26°28'08	29° 7	8°24	5°11	11°44	9°17	1°55	10°28	5°17	14°17	19°54	18°48	16°40	n.a.	S 22
M23	9 41 42	27°27'20	13♏24	10°18	6°25	12°24	9°29	1°57	10°26	5°18	14°19	19°51	18°45	16°46	n.a.	M23
T 24	9 45 39	28°26'30	27°37	12°11	7°38	13° 4	9°41	2° 0	10°23	5°20	14°20	19°D51	18°42	16°53	n.a.	T 24
W25	9 49 35	29°25'38	11♐43	14° 0	8°52	13°45	9°54	2° 2	10°21	5°21	14°22	19°51	18°39	17° 0	n.a.	W25
T 26	9 53 32	0♓24'44	25°41	15°47	10° 6	14°25	10° 6	2° 4	10°18	5°23	14°23	19°52	18°36	17° 7	n.a.	T 26
F 27	9 57 28	1°23'49	9♑30	17°30	11°20	15° 5	10°18	2° 6	10°16	5°24	14°24	19°54	18°33	17°13	n.a.	F 27
S 28	10 1 25	2♓22'51	23♑10	19♓10	12♒34	15♈45	10♈31	2♐ 8	10♍13	5♑26	14♓26	19°R54	18♑29	17♉20	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19s 8	20s20	0n38	22s56	2s 3	23s42	0s16	1s 0	0s 2	1n 6	1s 9	19s12	1n25	8n11	0n48	23s22	0n19	22s 0	16s59	22s11	22s16	20n49			n.a.
M 2	18 53	15 53	1 52	22 33	2 3	23 39	0 18	0 43	0 1	1 11	1 8	19 13	1 25	8 12	0 48	23 22	0 19	21 59	16 59	22 11	22 17	20 51			n.a.
T 3	18 37	10 44	2 57	22 8	2 1	23 35	0 21	0 26	0 0	1 15	1 8	19 14	1 25	8 13	0 48	23 22	0 19	21 59	16 59	22 11	22 17	20 53			n.a.
W 4	18 22	5 13	3 52	21 41	2 0	23 31	0 24	0 9	0n 1	1 20	1 8	19 15	1 25	8 14	0 48	23 22	0 19	21 58	16 59	22 12	22 18	20 54			n.a.
T 5	18 6	0n22	4 33	21 12	1 58	23 26	0 26	0n 8	0 2	1 24	1 8	19 15	1 25	8 14	0 49	23 22	0 19	21 57	16 58	22 12	22 18	20 56			n.a.
F 6	17 49	5 48	5 1	20 41	1 55	23 20	0 29	0 25	0 2	1 29	1 7	19 16	1 25	8 15	0 49	23 22	0 19	21 57	16 58	22 13	22 19	20 58			n.a.
S 7	17 33	10 54	5 13	20 7	1 52	23 13	0 31	0 42	0 3	1 33	1 7	19 17	1 26	8 16	0 49	23 22	0 19	21 56	16 58	22 13	22 19	20 59			n.a.
S 8	17 16	15 30	5 12	19 32	1 48	23 6	0 34	1 0	0 4	1 38	1 7	19 17	1 26	8 17	0 49	23 22	0 19	21 55	16 58	22 13	22 20	21 1			n.a.
M 9	16 59	19 28	4 58	18 55	1 44	22 58	0 36	1 17	0 5	1 42	1 7	19 18	1 26	8 18	0 49	23 22	0 19	21 55	16 58	22 13	22 20	21 3			n.a.
T 10	16 41	22 37	4 30	18 16	1 39	22 50	0 38	1 34	0 5	1 47	1 7	19 19	1 26	8 19	0 49	23 22	0 19	21 54	16 57	22 13	22 20	21 5			n.a.
W11	16 23	24 50	3 51	17 36	1 33	22 40	0 41	1 51	0 6	1 52	1 6	19 19	1 26	8 20	0 49	23 22	0 19	21 53	16 57	22 13	22 21	21 6			n.a.
T 12	16 5	25 56	3 2	16 53	1 27	22 30	0 43	2 7	0 7	1 56	1 6	19 20	1 26	8 20	0 49	23 22	0 19	21 53	16 57	22 13	22 21	21 8			n.a.
F 13	15 47	25 48	2 4	16 8	1 20	22 20	0 45	2 24	0 8	2 1	1 6	19 21	1 26	8 21	0 49	23 22	0 19	21 52	16 57	22 13	22 22	21 9			n.a.
S 14	15 28	24 24	0 59	15 22	1 13	22 9	0 47	2 41	0 8	2 6	1 6	19 21	1 26	8 22	0 49	23 22	0 19	21 51	16 57	22 13	22 22	21 11			n.a.
S 15	15 10	21 43	0s11	14 34	1 5	21 57	0 50	2 58	0 9	2 11	1 6	19 22	1 26	8 23	0 49	23 22	0 19	21 51	16 57	22 12	22 23	21 13			n.a.
M16	14 51	17 53	1 21	13 45	0 57	21 44	0 52	3 15	0 10	2 15	1 5	19 22	1 26	8 24	0 49	23 22	0 19	21 50	16 57	22 13	22 23	21 14			n.a.
T 17	14 31	13 4	2 29	12 54	0 48	21 31	0 54	3 32	0 10	2 20	1 5	19 23	1 26	8 25	0 49	23 21	0 19	21 49	16 56	22 13	22 24	21 16			n.a.
W18	14 12	7 30	3 30	12 2	0 38	21 17	0 56	3 48	0 11	2 25	1 5	19 23	1 26	8 26	0 49	23 21	0 19	21 49	16 56	22 14	22 24	21 18			n.a.
T 19	13 52	1 29	4 19	11 10	0 28	21 2	0 58	4 5	0 12	2 30	1 5	19 24	1 26	8 27	0 49	23 21	0 19	21 48	16 56	22 14	22 25	21 19			n.a.
F 20	13 32	4s41	4 53	10 16	0 17	20 47	1 0	4 22	0 13	2 35	1 5	19 24	1 26	8 28	0 49	23 21	0 19	21 48	16 56	22 15	22 25	21 21			n.a.
S 21	13 12	10 39	5 10	9 22	0 6	20 32	1 1	4 38	0 13	2 40	1 4	19 25	1 27	8 29	0 49	23 21	0 19	21 47	16 56	22 16	22 25	21 22			n.a.
S 22	12 52	16 5	5 7	8 27	0n 6	20 15	1 3	4 55	0 14	2 45	1 4	19 25	1 27	8 30	0 49	23 21	0 19	21 46	16 56	22 16	22 26	21 24			n.a.
M23	12 31	20 36	4 45	7 32	0 17	19 59	1 5	5 11	0 15	2 50	1 4	19 26	1 27	8 31	0 49	23 21	0 19	21 46	16 56	22 17	22 26	21 26			n.a.
T 24	12 11	23 54	4 6	6 38	0 29	19 41	1 7	5 28	0 15	2 55	1 4	19 26	1 27	8 32	0 49	23 21	0 19	21 45	16 55	22 17	22 27	21 27			n.a.
W25	11 50	25 41	3 12	5 44	0 42	19 23	1 8	5 44	0 16	3 0	1 4	19 26	1 27	8 33	0 49	23 21	0 19	21 44	16 55	22 17	22 27	21 29			n.a.
T 26	11 29	25 50	2 8	4 51	0 54	19 5	1 10	6 1	0 17	3 5	1 3	19 27	1 27	8 34	0 49	23 21	0 19	21 44	16 55	22 17	22 28	21 30			n.a.
F 27	11 8	24 22	0 56	3 59	1 6	18 46	1 11	6 17	0 17	3 10	1 3	19 27	1 27	8 35	0 49	23 21	0 19	21 43	16 55	22 16	22 28	21 32			n.a.
S 28	10s46	21s28	0n18	3s 9	1n19	18s26	1s13	6n33	0n18	3n15	1s 3	19s27	1n27	8n36	0n49	23s21	0n19	21s42	16s55	22s16	22s29	21n33			n.a.

Julian Day Number = 1489885.5, Delta T = 05h15m36s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'42, Lahiri = -12°42'42 Julian Calendar 1 Feb. 634 BCE == Greg. Calendar 25 Jan. 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

MARCH 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 5 21	3♓21'52	6♒39	20♓45	13♒47	16♈25	10♈44	2♐10	10°R11	5♑27	14♓27	19°R53	18♑26	17♉27	n.a.	S 1
M 2	10 9 18	4°20'50	19°58	22°15	15° 1	17° 5	10°56	2°12	10♍ 8	5°28	14°29	19♑49	18°23	17°33	n.a.	M 2
T 3	10 13 14	5°19'46	3♓ 4	23°41	16°15	17°45	11° 9	2°13	10° 5	5°30	14°30	19°44	18°20	17°40	n.a.	T 3
W 4	10 17 11	6°18'41	15°56	25° 1	17°29	18°25	11°22	2°15	10° 3	5°31	14°31	19°36	18°17	17°47	n.a.	W 4
T 5	10 21 7	7°17'32	28°35	26°16	18°43	19° 5	11°34	2°16	10° 0	5°32	14°33	19°28	18°14	17°53	n.a.	T 5
F 6	10 25 4	8°16'22	10♈59	27°26	19°56	19°44	11°47	2°18	9°58	5°34	14°34	19°19	18°10	18° 0	n.a.	F 6
S 7	10 29 1	9°15'10	23°12	28°30	21°10	20°24	12° 0	2°19	9°55	5°35	14°36	19°10	18° 7	18° 7	n.a.	S 7
S 8	10 32 57	10°13'55	5♉13	29°28	22°24	21° 4	12°13	2°20	9°53	5°36	14°37	19° 3	18° 4	18°14	n.a.	S 8
M 9	10 36 54	11°12'38	17° 8	0♈19	23°38	21°44	12°26	2°21	9°50	5°37	14°38	18°58	18° 1	18°20	n.a.	M 9
T 10	10 40 50	12°11'19	28°59	1° 5	24°51	22°24	12°39	2°22	9°47	5°39	14°40	18°55	17°58	18°27	n.a.	T 10
W11	10 44 47	13° 9'57	10♊51	1°44	26° 5	23° 3	12°52	2°23	9°45	5°40	14°41	18°D54	17°54	18°34	n.a.	W11
T 12	10 48 43	14° 8'33	22°49	2°17	27°19	23°43	13° 6	2°24	9°42	5°41	14°43	18°54	17°51	18°40	n.a.	T 12
F 13	10 52 40	15° 7'07	4♋58	2°44	28°32	24°23	13°19	2°24	9°40	5°42	14°44	18°55	17°48	18°47	n.a.	F 13
S 14	10 56 36	16° 5'38	17°25	3° 4	29°46	25° 3	13°32	2°25	9°37	5°43	14°46	18°R56	17°45	18°54	n.a.	S 14
S 15	11 0 33	17° 4'07	0♌12	3°18	1♓ 0	25°42	13°45	2°25	9°35	5°44	14°47	18°55	17°42	19° 1	n.a.	S 15
M16	11 4 30	18° 2'34	13°23	3°26	2°14	26°22	13°59	2°26	9°32	5°45	14°48	18°52	17°39	19° 7	n.a.	M16
T 17	11 8 26	19° 0'59	26°59	3°R27	3°27	27° 1	14°12	2°26	9°29	5°46	14°50	18°47	17°35	19°14	n.a.	T 17
W18	11 12 23	19°59'22	11♍ 0	3°23	4°41	27°41	14°25	2°26	9°27	5°47	14°51	18°40	17°32	19°21	n.a.	W18
T 19	11 16 19	20°57'42	25°22	3°13	5°55	28°21	14°39	2°R26	9°24	5°48	14°53	18°31	17°29	19°27	n.a.	T 19
F 20	11 20 16	21°56'01	9♎58	2°58	7° 8	29° 0	14°52	2°26	9°22	5°49	14°54	18°21	17°26	19°34	n.a.	F 20
S 21	11 24 12	22°54'18	24°42	2°38	8°22	29°40	15° 6	2°26	9°19	5°50	14°55	18°12	17°23	19°41	n.a.	S 21
S 22	11 28 9	23°52'33	9♏26	2°14	9°36	0♉19	15°19	2°26	9°17	5°50	14°57	18° 4	17°19	19°47	n.a.	S 22
M23	11 32 5	24°50'46	24° 2	1°45	10°49	0°58	15°33	2°25	9°14	5°51	14°58	17°58	17°16	19°54	n.a.	M23
T 24	11 36 2	25°48'58	8♐26	1°13	12° 3	1°38	15°47	2°25	9°12	5°52	15° 0	17°55	17°13	20° 1	n.a.	T 24
W25	11 39 58	26°47'08	22°34	0°38	13°17	2°17	16° 0	2°25	9°10	5°53	15° 1	17°D54	17°10	20° 8	n.a.	W25
T 26	11 43 55	27°45'17	6♑26	0° 1	14°30	2°57	16°14	2°24	9° 7	5°53	15° 2	17°54	17° 7	20°14	n.a.	T 26
F 27	11 47 52	28°43'25	20° 1	29♓23	15°44	3°36	16°28	2°23	9° 5	5°54	15° 4	17°R54	17° 4	20°21	n.a.	F 27
S 28	11 51 48	29°41'30	3♒23	28°43	16°58	4°15	16°41	2°22	9° 2	5°55	15° 5	17°53	17° 0	20°28	n.a.	S 28
S 29	11 55 45	0♈39'34	16°31	28° 4	18°11	4°55	16°55	2°22	9° 0	5°55	15° 7	17°50	16°57	20°34	n.a.	S 29
M30	11 59 41	1°37'37	29°28	27°26	19°25	5°34	17° 9	2°21	8°58	5°56	15° 8	17°45	16°54	20°41	n.a.	M30
T 31	12 3 38	2♈35'38	12♓13	26♓48	20♓39	6♉13	17♈23	2♐20	8♍55	5♑56	15♓ 9	17♑36	16♑51	20♉48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	10s25	17s25	1n29	2s20	1n31	18s 6	1s14	6n49	0n19	3n20	1s 3	19s28	1n27	8n37	0n49	23s21	0n19	21s42	16s55	22s17	22s29	21n35			n.a.
M 2	10 3	12 35	2 35	1 33	1 43	17 45	1 15	7 6	0 19	3 26	1 3	19 28	1 27	8 38	0 49	23 21	0 19	21 41	16 55	22 17	22 29	21 37			n.a.
T 3	9 41	7 14	3 32	0 48	1 55	17 24	1 17	7 22	0 20	3 31	1 3	19 28	1 27	8 39	0 49	23 21	0 19	21 40	16 55	22 18	22 30	21 38			n.a.
W 4	9 19	1 42	4 16	0 5	2 6	17 3	1 18	7 38	0 20	3 36	1 2	19 28	1 27	8 40	0 49	23 21	0 19	21 40	16 55	22 19	22 30	21 40			n.a.
T 5	8 57	3n48	4 47	0n35	2 16	16 41	1 19	7 54	0 21	3 41	1 2	19 29	1 27	8 41	0 49	23 21	0 19	21 39	16 55	22 20	22 31	21 41			n.a.
F 6	8 35	9 3	5 4	1 12	2 26	16 18	1 20	8 10	0 22	3 46	1 2	19 29	1 28	8 42	0 49	23 20	0 19	21 39	16 55	22 22	22 31	21 43			n.a.
S 7	8 13	13 51	5 6	1 46	2 36	15 55	1 21	8 25	0 22	3 52	1 2	19 29	1 28	8 42	0 49	23 20	0 19	21 38	16 55	22 23	22 32	21 44			n.a.
S 8	7 50	18 4	4 55	2 17	2 44	15 32	1 22	8 41	0 23	3 57	1 2	19 29	1 28	8 43	0 49	23 20	0 19	21 37	16 55	22 24	22 32	21 46			n.a.
M 9	7 28	21 30	4 31	2 45	2 52	15 8	1 23	8 57	0 23	4 2	1 2	19 29	1 28	8 44	0 49	23 20	0 19	21 37	16 55	22 25	22 32	21 47			n.a.
T 10	7 5	24 2	3 55	3 10	2 59	14 44	1 24	9 12	0 24	4 7	1 2	19 29	1 28	8 45	0 49	23 20	0 19	21 36	16 55	22 25	22 33	21 49			n.a.
W11	6 42	25 31	3 10	3 31	3 5	14 19	1 24	9 28	0 25	4 13	1 1	19 29	1 28	8 46	0 49	23 20	0 19	21 36	16 55	22 25	22 33	21 50			n.a.
T 12	6 19	25 50	2 15	3 49	3 10	13 54	1 25	9 43	0 25	4 18	1 1	19 30	1 28	8 47	0 49	23 20	0 19	21 35	16 55	22 25	22 34	21 52			n.a.
F 13	5 57	24 55	1 14	4 3	3 14	13 29	1 26	9 59	0 26	4 23	1 1	19 30	1 28	8 48	0 49	23 20	0 19	21 35	16 55	22 25	22 34	21 53			n.a.
S 14	5 34	22 45	0 8	4 14	3 16	13 3	1 26	10 14	0 26	4 29	1 1	19 30	1 28	8 49	0 49	23 20	0 19	21 34	16 55	22 25	22 35	21 55			n.a.
S 15	5 11	19 25	1s 0	4 21	3 17	12 37	1 27	10 29	0 27	4 34	1 1	19 30	1 28	8 50	0 49	23 20	0 19	21 33	16 55	22 25	22 35	21 56			n.a.
M16	4 47	15 1	2 7	4 24	3 17	12 11	1 27	10 44	0 28	4 39	1 1	19 30	1 28	8 51	0 49	23 20	0 19	21 33	16 55	22 25	22 35	21 58			n.a.
T 17	4 24	9 44	3 9	4 23	3 16	11 44	1 28	10 59	0 28	4 45	1 1	19 30	1 28	8 52	0 49	23 20	0 19	21 32	16 55	22 26	22 36	21 59			n.a.
W18	4 1	3 50	4 1	4 19	3 13	11 17	1 28	11 14	0 29	4 50	1 0	19 30	1 28	8 53	0 49	23 20	0 19	21 32	16 55	22 27	22 36	22 1			n.a.
T 19	3 38	2s23	4 39	4 11	3 9	10 50	1 28	11 29	0 29	4 56	1 0	19 30	1 29	8 54	0 49	23 20	0 19	21 31	16 55	22 28	22 37	22 2			n.a.
F 20	3 15	8 35	5 0	4 0	3 4	10 22	1 28	11 44	0 30	5 1	1 0	19 29	1 29	8 55	0 49	23 20	0 19	21 31	16 55	22 30	22 37	22 3			n.a.
S 21	2 51	14 21	5 1	3 45	2 57	9 55	1 28	11 59	0 30	5 6	1 0	19 29	1 29	8 56	0 49	23 20	0 19	21 30	16 55	22 31	22 38	22 5			n.a.
S 22	2 28	19 17	4 43	3 28	2 48	9 26	1 28	12 13	0 31	5 12	1 0	19 29	1 29	8 57	0 49	23 20	0 19	21 30	16 55	22 32	22 38	22 6			n.a.
M23	2 5	23 0	4 6	3 7	2 38	8 58	1 28	12 28	0 31	5 17	1 0	19 29	1 29	8 58	0 49	23 20	0 19	21 29	16 55	22 33	22 38	22 8			n.a.
T 24	1 41	25 12	3 14	2 44	2 27	8 30	1 28	12 42	0 32	5 23	1 0	19 29	1 29	8 59	0 49	23 20	0 19	21 29	16 55	22 33	22 39	22 9			n.a.
W25	1 18	25 44	2 10	2 19	2 15	8 1	1 28	12 56	0 32	5 28	0 59	19 29	1 29	9 0	0 49	23 20	0 19	21 28	16 55	22 33	22 39	22 10			n.a.
T 26	0 54	24 37	1 1	1 52	2 2	7 32	1 28	13 11	0 33	5 34	0 59	19 29	1 29	9 1	0 49	23 20	0 19	21 28	16 55	22 33	22 40	22 12			n.a.
F 27	0 31	22 4	0n11	1 23	1 48	7 3	1 28	13 25	0 33	5 39	0 59	19 28	1 29	9 2	0 49	23 20	0 19	21 27	16 55	22 33	22 40	22 13			n.a.
S 28	0 7	18 21	1 21	0 54	1 32	6 33	1 27	13 39	0 34	5 44	0 59	19 28	1 29	9 2	0 49	23 20	0 19	21 27	16 55	22 33	22 40	22 15			n.a.
S 29	0n16	13 48	2 26	0 23	1 17	6 4	1 27	13 53	0 34	5 50	0 59	19 28	1 29	9 3	0 49	23 20	0 19	21 26	16 55	22 34	22 41	22 16			n.a.
M30	0 39	8 41	3 21	0s 7	1 0	5 34	1 26	14 6	0 35	5 55	0 59	19 28	1 29	9 4	0 49	23 20	0 19	21 26	16 55	22 35	22 41	22 17			n.a.
T 31	1n 3	3s18	4n 6	0s37	0n44	5s 4	1s26	14n20	0n35	6n 1	0s59	19s27	1n29	9n 5	0n49	23s20	0n19	21s25	16s55	22s36	22s42	22n19			n.a.

Julian Day Number = 1489913.5, Delta T = 05h15m34s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'38, Lahiri = -12°42'38 Julian Calendar 1 March 634 BCE == Greg. Calendar 22 Feb. 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

APRIL 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 7 34	3♈33'37	24♓48	26°R13	21♓52	6♉52	17♈37	2°R18	8°R53	5♑57	15♓11	17°R25	16♑48	20♉54	n.a.	W 1
T 2	12 11 31	4°31'34	7♈12	25♓40	23° 6	7°32	17°51	2♐17	8♏51	5°57	15°12	17♑12	16°45	21° 1	n.a.	T 2
F 3	12 15 27	5°29'30	19°26	25°10	24°20	8°11	18° 4	2°16	8°49	5°58	15°13	16°59	16°41	21° 8	n.a.	F 3
S 4	12 19 24	6°27'24	1♉31	24°44	25°33	8°50	18°18	2°14	8°46	5°58	15°15	16°46	16°38	21°15	n.a.	S 4
S 5	12 23 21	7°25'17	13°29	24°21	26°47	9°29	18°32	2°13	8°44	5°58	15°16	16°35	16°35	21°21	n.a.	S 5
M 6	12 27 17	8°23'08	25°20	24° 3	28° 1	10° 8	18°46	2°11	8°42	5°59	15°17	16°26	16°32	21°28	n.a.	M 6
T 7	12 31 14	9°20'57	7♊ 9	23°48	29°14	10°47	19° 0	2° 9	8°40	5°59	15°19	16°20	16°29	21°35	n.a.	T 7
W 8	12 35 10	10°18'44	19° 0	23°39	0♈28	11°26	19°14	2° 8	8°38	5°59	15°20	16°16	16°25	21°41	n.a.	W 8
T 9	12 39 7	11°16'29	0♋56	23°33	1°42	12° 5	19°28	2° 6	8°36	5°59	15°21	16°15	16°22	21°48	n.a.	T 9
F 10	12 43 3	12°14'13	13° 4	23°D33	2°55	12°45	19°42	2° 4	8°34	6° 0	15°23	16°14	16°19	21°55	n.a.	F 10
S 11	12 47 0	13°11'55	25°28	23°37	4° 9	13°24	19°56	2° 2	8°32	6° 0	15°24	16°14	16°16	22° 1	n.a.	S 11
S 12	12 50 56	14° 9'35	8♌13	23°45	5°22	14° 3	20°10	1°59	8°30	6° 0	15°25	16°13	16°13	22° 8	n.a.	S 12
M13	12 54 53	15° 7'13	21°24	23°58	6°36	14°41	20°24	1°57	8°28	6° 0	15°27	16°10	16°10	22°15	n.a.	M13
T 14	12 58 50	16° 4'50	5♍ 4	24°16	7°50	15°20	20°38	1°55	8°26	6° 0	15°28	16° 5	16° 6	22°22	n.a.	T 14
W15	13 2 46	17° 2'25	19°13	24°38	9° 3	15°59	20°52	1°53	8°24	6°R 0	15°29	15°57	16° 3	22°28	n.a.	W15
T 16	13 6 43	17°59'58	3♎47	25° 4	10°17	16°38	21° 6	1°50	8°23	6° 0	15°30	15°46	16° 0	22°35	n.a.	T 16
F 17	13 10 39	18°57'30	18°41	25°35	11°30	17°17	21°20	1°47	8°21	6° 0	15°32	15°35	15°57	22°42	n.a.	F 17
S 18	13 14 36	19°55'01	3♏46	26° 9	12°44	17°56	21°34	1°45	8°19	6° 0	15°33	15°25	15°54	22°48	n.a.	S 18
S 19	13 18 32	20°52'31	18°52	26°48	13°58	18°35	21°48	1°42	8°17	6° 0	15°34	15°15	15°51	22°55	n.a.	S 19
M20	13 22 29	21°49'59	3♐49	27°30	15°11	19°14	22° 2	1°39	8°16	6° 0	15°35	15° 9	15°47	23° 2	n.a.	M20
T 21	13 26 25	22°47'27	18°30	28°16	16°25	19°53	22°16	1°36	8°14	6° 0	15°36	15° 5	15°44	23° 8	n.a.	T 21
W22	13 30 22	23°44'54	2♑49	29° 6	17°38	20°31	22°30	1°34	8°13	5°59	15°37	15° 3	15°41	23°15	n.a.	W22
T 23	13 34 19	24°42'19	16°46	29°59	18°52	21°10	22°44	1°31	8°11	5°59	15°39	15°D 2	15°38	23°22	n.a.	T 23
F 24	13 38 15	25°39'44	0♒20	0♈56	20° 6	21°49	22°58	1°27	8°10	5°59	15°40	15°R 2	15°35	23°28	n.a.	F 24
S 25	13 42 12	26°37'09	13°35	1°56	21°19	22°28	23°12	1°24	8° 8	5°59	15°41	15° 1	15°31	23°35	n.a.	S 25
S 26	13 46 8	27°34'32	26°32	2°59	22°33	23° 6	23°26	1°21	8° 7	5°58	15°42	14°59	15°28	23°42	n.a.	S 26
M27	13 50 5	28°31'54	9♓14	4° 5	23°46	23°45	23°40	1°18	8° 5	5°58	15°43	14°53	15°25	23°49	n.a.	M27
T 28	13 54 1	29°29'16	21°44	5°14	25° 0	24°24	23°54	1°14	8° 4	5°58	15°44	14°45	15°22	23°55	n.a.	T 28
W29	13 57 58	0♉26'37	4♈ 3	6°27	26°14	25° 2	24° 8	1°11	8° 3	5°57	15°45	14°34	15°19	24° 2	n.a.	W29
T 30	14 1 54	1♉23'57	16♈14	7♈42	27♈27	25♉41	24♈22	1♐ 8	8♏ 2	5♑57	15♓46	14♑22	15♑16	24♉ 9	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n26	2n 8	4n38	1s 7	0n27	4s34	1s25	14n34	0n36	6n 6	0s59	19s27	1n29	9n 6	0n49	23s20	0n19	21s25	16s56	22s37	22s42	22n20		n.a.
T 2	1 49	7 25	4 56	1 35	0 10	4 4	1 24	14 47	0 36	6 12	0 59	19 27	1 29	9 7	0 49	23 20	0 19	21 24	16 56	22 39	22 42	22 22		n.a.
F 3	2 13	12 19	5 0	2 3	0s 7	3 34	1 24	15 1	0 37	6 17	0 58	19 26	1 30	9 8	0 49	23 20	0 19	21 24	16 56	22 41	22 43	22 23		n.a.
S 4	2 36	16 42	4 51	2 28	0 23	3 3	1 23	15 14	0 37	6 23	0 58	19 26	1 30	9 8	0 49	23 19	0 19	21 23	16 56	22 42	22 43	22 24		n.a.
S 5	2 59	20 22	4 28	2 52	0 39	2 33	1 22	15 27	0 38	6 28	0 58	19 26	1 30	9 9	0 49	23 19	0 19	21 23	16 56	22 44	22 44	22 26		n.a.
M 6	3 22	23 9	3 55	3 14	0 54	2 2	1 21	15 40	0 38	6 33	0 58	19 25	1 30	9 10	0 48	23 19	0 19	21 23	16 56	22 45	22 44	22 27		n.a.
T 7	3 45	24 57	3 11	3 33	1 9	1 32	1 20	15 53	0 39	6 39	0 58	19 25	1 30	9 11	0 48	23 19	0 19	21 22	16 56	22 46	22 44	22 28		n.a.
W 8	4 8	25 37	2 19	3 50	1 23	1 1	1 19	16 6	0 39	6 44	0 58	19 25	1 30	9 12	0 48	23 19	0 19	21 22	16 56	22 46	22 45	22 30		n.a.
T 9	4 31	25 6	1 20	4 4	1 37	0 30	1 18	16 18	0 40	6 50	0 58	19 24	1 30	9 12	0 48	23 19	0 19	21 21	16 57	22 46	22 45	22 31		n.a.
F 10	4 54	23 24	0 17	4 16	1 49	0n 0	1 17	16 31	0 40	6 55	0 58	19 24	1 30	9 13	0 48	23 19	0 19	21 21	16 57	22 46	22 46	22 32		n.a.
S 11	5 17	20 33	0s49	4 25	2 1	0 31	1 16	16 43	0 41	7 1	0 58	19 23	1 30	9 14	0 48	23 19	0 19	21 21	16 57	22 46	22 46	22 33		n.a.
S 12	5 40	16 38	1 53	4 31	2 12	1 2	1 14	16 56	0 41	7 6	0 58	19 23	1 30	9 14	0 48	23 19	0 19	21 20	16 57	22 46	22 46	22 35		n.a.
M13	6 2	11 49	2 54	4 35	2 22	1 32	1 13	17 8	0 42	7 11	0 58	19 22	1 30	9 15	0 48	23 19	0 19	21 20	16 57	22 47	22 47	22 36		n.a.
T 14	6 25	6 16	3 48	4 36	2 31	2 3	1 12	17 20	0 42	7 17	0 57	19 22	1 30	9 16	0 48	23 19	0 19	21 20	16 57	22 47	22 47	22 37		n.a.
W15	6 47	0 13	4 29	4 35	2 39	2 34	1 10	17 32	0 42	7 22	0 57	19 21	1 30	9 17	0 48	23 19	0 19	21 19	16 57	22 48	22 48	22 39		n.a.
T 16	7 9	6s 0	4 54	4 31	2 46	3 4	1 9	17 43	0 43	7 28	0 57	19 21	1 30	9 17	0 48	23 19	0 19	21 19	16 58	22 50	22 48	22 40		n.a.
F 17	7 31	12 2	5 0	4 25	2 52	3 35	1 7	17 55	0 43	7 33	0 57	19 20	1 30	9 18	0 48	23 19	0 19	21 19	16 58	22 51	22 48	22 41		n.a.
S 18	7 54	17 25	4 45	4 16	2 58	4 5	1 6	18 7	0 44	7 38	0 57	19 20	1 30	9 18	0 48	23 19	0 19	21 18	16 58	22 52	22 49	22 42		n.a.
S 19	8 15	21 41	4 11	4 4	3 2	4 36	1 4	18 18	0 44	7 44	0 57	19 19	1 30	9 19	0 48	23 19	0 19	21 18	16 58	22 53	22 49	22 44		n.a.
M20	8 37	24 28	3 19	3 51	3 6	5 6	1 3	18 29	0 44	7 49	0 57	19 18	1 30	9 20	0 48	23 19	0 19	21 18	16 58	22 54	22 49	22 45		n.a.
T 21	8 59	25 31	2 15	3 35	3 9	5 36	1 1	18 40	0 45	7 54	0 57	19 18	1 30	9 20	0 48	23 19	0 19	21 17	16 59	22 54	22 50	22 46		n.a.
W22	9 21	24 49	1 4	3 17	3 11	6 6	0 59	18 51	0 45	8 0	0 57	19 17	1 30	9 21	0 48	23 19	0 19	21 17	16 59	22 55	22 50	22 47		n.a.
T 23	9 42	22 33	0n 9	2 56	3 12	6 36	0 57	19 2	0 46	8 5	0 57	19 16	1 30	9 21	0 48	23 19	0 19	21 17	16 59	22 55	22 51	22 49		n.a.
F 24	10 3	19 3	1 20	2 34	3 13	7 6	0 56	19 13	0 46	8 10	0 57	19 16	1 30	9 22	0 48	23 19	0 19	21 17	16 59	22 55	22 51	22 50		n.a.
S 25	10 24	14 40	2 25	2 10	3 13	7 36	0 54	19 23	0 46	8 16	0 57	19 15	1 30	9 22	0 48	23 19	0 19	21 16	17 0	22 55	22 51	22 51		n.a.
S 26	10 45	9 42	3 21	1 43	3 12	8 6	0 52	19 34	0 47	8 21	0 57	19 14	1 30	9 23	0 48	23 20	0 19	21 16	17 0	22 55	22 52	22 52		n.a.
M27	11 6	4 26	4 5	1 15	3 10	8 35	0 50	19 44	0 47	8 26	0 57	19 14	1 30	9 23	0 48	23 20	0 19	21 16	17 0	22 56	22 52	22 53		n.a.
T 28	11 27	0n55	4 37	0 45	3 8	9 4	0 48	19 54	0 48	8 32	0 57	19 13	1 31	9 24	0 48	23 20	0 19	21 16	17 0	22 57	22 52	22 55		n.a.
W29	11 47	6 9	4 56	0 13	3 5	9 33	0 46	20 4	0 48	8 37	0 56	19 12	1 31	9 24	0 48	23 20	0 19	21 15	17 0	22 58	22 53	22 56		n.a.
T 30	12n 7	11n 5	5n 1	0n20	3s 1	10n 2	0s44	20n14	0n48	8n42	0s56	19s12	1n31	9n25	0n48	23s20	0n19	21s15	17s 1	22s59	22s53	22n57		n.a.

Julian Day Number = 1489944.5, Delta T = 05h15m33s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'34, Lahiri = -12°42'34 Julian Calendar 1 Apr. 634 BCE == Greg. Calendar 25 March 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

MAY 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 5 51	2♉21'16	28♈18	9♈ 0	28♈41	26♉20	24♈36	1°R 4	8°R 0	5°R56	15♓47	14°R 9	15♑12	24♉15	n.a.	F 1
S 2	14 9 48	3°18'34	10♉15	10°21	29°55	26°58	24°50	1♐ 0	7♍59	5♑56	15°48	13♑57	15° 9	24°22	n.a.	S 2
S 3	14 13 44	4°15'51	22° 8	11°45	1♉ 8	27°37	25° 4	0°57	7°58	5°55	15°49	13°46	15° 6	24°29	n.a.	S 3
M 4	14 17 41	5°13'08	3♊57	13°12	2°22	28°16	25°18	0°53	7°57	5°55	15°50	13°37	15° 3	24°35	n.a.	M 4
T 5	14 21 37	6°10'23	15°45	14°41	3°35	28°54	25°32	0°49	7°56	5°54	15°51	13°31	15° 0	24°42	n.a.	T 5
W 6	14 25 34	7° 7'38	27°36	16°13	4°49	29°33	25°46	0°45	7°55	5°53	15°52	13°28	14°56	24°49	n.a.	W 6
T 7	14 29 30	8° 4'52	9♋33	17°48	6° 3	0♊11	25°59	0°42	7°54	5°53	15°53	13°D27	14°53	24°55	n.a.	T 7
F 8	14 33 27	9° 2'05	21°40	19°25	7°16	0°50	26°13	0°38	7°54	5°52	15°54	13°27	14°50	25° 2	n.a.	F 8
S 9	14 37 23	9°59'17	4♌ 3	21° 6	8°30	1°28	26°27	0°34	7°53	5°51	15°55	13°R27	14°47	25° 9	n.a.	S 9
S 10	14 41 20	10°56'28	16°45	22°48	9°44	2° 7	26°41	0°30	7°52	5°51	15°56	13°27	14°44	25°16	n.a.	S 10
M11	14 45 17	11°53'38	29°53	24°34	10°57	2°45	26°55	0°26	7°51	5°50	15°57	13°26	14°41	25°22	n.a.	M11
T 12	14 49 13	12°50'47	13♍29	26°22	12°11	3°24	27° 8	0°22	7°51	5°49	15°58	13°22	14°37	25°29	n.a.	T 12
W13	14 53 10	13°47'55	27°34	28°13	13°25	4° 2	27°22	0°18	7°50	5°48	15°59	13°17	14°34	25°36	n.a.	W13
T 14	14 57 6	14°45'03	12♎ 8	0♉ 6	14°38	4°41	27°36	0°13	7°50	5°47	16° 0	13° 9	14°31	25°42	n.a.	T 14
F 15	15 1 3	15°42'10	27° 4	2° 1	15°52	5°19	27°49	0° 9	7°49	5°47	16° 0	13° 1	14°28	25°49	n.a.	F 15
S 16	15 4 59	16°39'16	12♏16	3°59	17° 5	5°58	28° 3	0° 5	7°49	5°46	16° 1	12°53	14°25	25°56	n.a.	S 16
S 17	15 8 56	17°36'22	27°33	5°59	18°19	6°36	28°16	0° 1	7°48	5°45	16° 2	12°45	14°22	26° 2	n.a.	S 17
M18	15 12 52	18°33'28	12♐44	8° 2	19°33	7°14	28°30	29♏57	7°48	5°44	16° 3	12°40	14°18	26° 9	n.a.	M18
T 19	15 16 49	19°30'34	27°39	10° 6	20°46	7°53	28°44	29°52	7°48	5°43	16° 3	12°37	14°15	26°16	n.a.	T 19
W20	15 20 46	20°27'39	12♑12	12°11	22° 0	8°31	28°57	29°48	7°48	5°42	16° 4	12°D37	14°12	26°22	n.a.	W20
T 21	15 24 42	21°24'45	26°20	14°19	23°14	9°10	29°10	29°44	7°48	5°41	16° 5	12°37	14° 9	26°29	n.a.	T 21
F 22	15 28 39	22°21'50	10♒ 1	16°27	24°27	9°48	29°24	29°39	7°47	5°40	16° 6	12°38	14° 6	26°36	n.a.	F 22
S 23	15 32 35	23°18'56	23°17	18°37	25°41	10°26	29°37	29°35	7°47	5°39	16° 6	12°R39	14° 2	26°43	n.a.	S 23
S 24	15 36 32	24°16'01	6♓12	20°47	26°55	11° 5	29°51	29°31	7°D47	5°38	16° 7	12°38	13°59	26°49	n.a.	S 24
M25	15 40 28	25°13'07	18°49	22°58	28° 9	11°43	0♉ 4	29°26	7°47	5°36	16° 8	12°35	13°56	26°56	n.a.	M25
T 26	15 44 25	26°10'13	1♈11	25° 8	29°22	12°21	0°17	29°22	7°47	5°35	16° 8	12°31	13°53	27° 3	n.a.	T 26
W27	15 48 21	27° 7'19	13°21	27°19	0♊36	13° 0	0°30	29°17	7°48	5°34	16° 9	12°24	13°50	27° 9	n.a.	W27
T 28	15 52 18	28° 4'25	25°23	29°29	1°50	13°38	0°44	29°13	7°48	5°33	16° 9	12°17	13°47	27°16	n.a.	T 28
F 29	15 56 15	29° 1'31	7♉19	1♊39	3° 3	14°16	0°57	29° 9	7°48	5°32	16°10	12° 9	13°43	27°23	n.a.	F 29
S 30	16 0 11	29°58'38	19°10	3°48	4°17	14°55	1°10	29° 4	7°48	5°31	16°10	12° 1	13°40	27°29	n.a.	S 30
S 31	16 4 8	0♊55'44	1♊ 0	5♊55	5♊31	15♊33	1♉23	29♏ 0	7♍49	5♑29	16♓11	11♑54	13♑37	27♉36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n27	15n33	4n52	0n55	2s56	10n30	0s42	20n23	0n49	8n47	0s56	19s11	1n31	9n25	0n48	23s20	0n19	21s15	17s 1	23s 1	22s54	22n58		n.a.
S 2	12 47	19 22	4 30	1 32	2 51	10 59	0 40	20 33	0 49	8 53	0 56	19 10	1 31	9 25	0 48	23 20	0 19	21 15	17 1	23 2	22 54	22 59		n.a.
S 3	13 7	22 22	3 57	2 10	2 46	11 27	0 38	20 42	0 50	8 58	0 56	19 9	1 31	9 26	0 48	23 20	0 19	21 15	17 1	23 3	22 54	23 0		n.a.
M 4	13 27	24 24	3 14	2 50	2 40	11 54	0 35	20 51	0 50	9 3	0 56	19 9	1 31	9 26	0 48	23 20	0 19	21 14	17 2	23 4	22 55	23 2		n.a.
T 5	13 46	25 21	2 22	3 31	2 33	12 22	0 33	21 1	0 50	9 8	0 56	19 8	1 31	9 27	0 48	23 20	0 19	21 14	17 2	23 4	22 55	23 3		n.a.
W 6	14 5	25 8	1 23	4 14	2 26	12 49	0 31	21 9	0 51	9 13	0 56	19 7	1 31	9 27	0 48	23 20	0 19	21 14	17 2	23 5	22 55	23 4		n.a.
T 7	14 24	23 46	0 21	4 57	2 18	13 16	0 29	21 18	0 51	9 18	0 56	19 6	1 31	9 27	0 47	23 20	0 19	21 14	17 3	23 5	22 56	23 5		n.a.
F 8	14 42	21 17	0s44	5 43	2 10	13 43	0 27	21 27	0 51	9 23	0 56	19 5	1 30	9 27	0 47	23 20	0 19	21 14	17 3	23 5	22 56	23 6		n.a.
S 9	15 1	17 46	1 48	6 29	2 1	14 9	0 24	21 35	0 52	9 29	0 56	19 5	1 30	9 28	0 47	23 20	0 19	21 14	17 3	23 5	22 56	23 7		n.a.
S 10	15 19	13 22	2 48	7 16	1 52	14 35	0 22	21 43	0 52	9 34	0 56	19 4	1 30	9 28	0 47	23 20	0 19	21 14	17 3	23 5	22 57	23 8		n.a.
M11	15 37	8 13	3 42	8 4	1 42	15 0	0 20	21 51	0 52	9 39	0 56	19 3	1 30	9 28	0 47	23 20	0 19	21 14	17 4	23 5	22 57	23 9		n.a.
T 12	15 55	2 31	4 25	8 53	1 32	15 26	0 17	21 59	0 53	9 44	0 56	19 2	1 30	9 28	0 47	23 20	0 19	21 13	17 4	23 5	22 57	23 11		n.a.
W13	16 12	3s30	4 54	9 43	1 22	15 51	0 15	22 7	0 53	9 49	0 56	19 1	1 30	9 29	0 47	23 20	0 19	21 13	17 4	23 6	22 58	23 12		n.a.
T 14	16 29	9 31	5 5	10 33	1 11	16 15	0 13	22 15	0 53	9 54	0 56	19 1	1 30	9 29	0 47	23 20	0 19	21 13	17 5	23 7	22 58	23 13		n.a.
F 15	16 46	15 10	4 56	11 24	1 1	16 39	0 10	22 22	0 54	9 59	0 56	19 0	1 30	9 29	0 47	23 20	0 19	21 13	17 5	23 8	22 58	23 14		n.a.
S 16	17 3	19 57	4 26	12 15	0 50	17 3	0 8	22 29	0 54	10 4	0 56	18 59	1 30	9 29	0 47	23 20	0 19	21 13	17 5	23 8	22 59	23 15		n.a.
S 17	17 19	23 25	3 37	13 6	0 39	17 26	0 6	22 36	0 54	10 9	0 56	18 58	1 30	9 29	0 47	23 20	0 19	21 13	17 5	23 9	22 59	23 16		n.a.
M18	17 35	25 10	2 33	13 57	0 28	17 49	0 3	22 43	0 55	10 13	0 56	18 57	1 30	9 29	0 47	23 20	0 19	21 13	17 6	23 10	23 0	23 17		n.a.
T 19	17 51	25 5	1 20	14 47	0 16	18 11	0 1	22 50	0 55	10 18	0 56	18 56	1 30	9 29	0 47	23 20	0 19	21 13	17 6	23 10	23 0	23 18		n.a.
W20	18 7	23 14	0 2	15 37	0 5	18 33	0n 1	22 56	0 55	10 23	0 56	18 55	1 30	9 29	0 47	23 20	0 19	21 13	17 6	23 10	23 0	23 19		n.a.
T 21	18 22	19 59	1n13	16 27	0n 5	18 54	0 4	23 3	0 55	10 28	0 56	18 54	1 30	9 29	0 47	23 20	0 19	21 13	17 7	23 10	23 1	23 20		n.a.
F 22	18 37	15 42	2 22	17 15	0 16	19 15	0 6	23 9	0 56	10 33	0 56	18 54	1 30	9 29	0 47	23 20	0 19	21 13	17 7	23 10	23 1	23 21		n.a.
S 23	18 52	10 47	3 21	18 2	0 27	19 35	0 8	23 15	0 56	10 38	0 56	18 53	1 30	9 29	0 47	23 20	0 19	21 13	17 7	23 10	23 1	23 22		n.a.
S 24	19 6	5 31	4 8	18 47	0 37	19 55	0 11	23 21	0 56	10 42	0 56	18 52	1 30	9 29	0 47	23 21	0 19	21 13	17 8	23 10	23 2	23 23		n.a.
M25	19 20	0 10	4 42	19 31	0 46	20 14	0 13	23 26	0 57	10 47	0 56	18 51	1 30	9 29	0 47	23 21	0 19	21 13	17 8	23 10	23 2	23 24		n.a.
T 26	19 34	5n 5	5 2	20 12	0 55	20 33	0 16	23 32	0 57	10 52	0 56	18 50	1 30	9 29	0 47	23 21	0 19	21 13	17 8	23 10	23 2	23 25		n.a.
W27	19 47	10 3	5 8	20 52	1 4	20 51	0 18	23 37	0 57	10 57	0 56	18 49	1 30	9 29	0 47	23 21	0 19	21 13	17 9	23 11	23 3	23 26		n.a.
T 28	20 0	14 35	5 0	21 29	1 12	21 9	0 20	23 42	0 58	11 1	0 56	18 48	1 30	9 29	0 47	23 21	0 19	21 13	17 9	23 12	23 3	23 27		n.a.
F 29	20 13	18 32	4 39	22 4	1 19	21 26	0 22	23 47	0 58	11 6	0 56	18 47	1 30	9 29	0 47	23 21	0 18	21 14	17 9	23 13	23 3	23 28		n.a.
S 30	20 26	21 42	4 6	22 37	1 26	21 42	0 25	23 52	0 58	11 10	0 56	18 46	1 29	9 29	0 46	23 21	0 18	21 14	17 10	23 13	23 4	23 29		n.a.
S 31	20n38	23n57	3n23	23n 6	1n32	21n58	0n27	23n57	0n58	11n15	0s56	18s46	1n29	9n28	0n46	23s21	0n18	21s14	17s10	23s14	23s 4	23n30		n.a.

Julian Day Number = 1489974.5, Delta T = 05h15m32s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'30, Lahiri = -12°42'30 Julian Calendar 1 May 634 BCE == Greg. Calendar 24 Apr. 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

JUNE 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 8 4	1♊52'51	12♊49	8♊ 2	6♊45	16♊11	1♉36	28°R55	7♍49	5°R28	16♓11	11°R49	13♑34	27♉43	n.a.	M 1
T 2	16 12 1	2°49'58	24°41	10° 7	7°58	16°49	1°49	28♏51	7°50	5♑27	16°12	11♑46	13°31	27°49	n.a.	T 2
W 3	16 15 57	3°47'05	6♋36	12°11	9°12	17°28	2° 2	28°47	7°50	5°25	16°12	11°D44	13°28	27°56	n.a.	W 3
T 4	16 19 54	4°44'12	18°38	14°13	10°26	18° 6	2°14	28°42	7°51	5°24	16°13	11°44	13°24	28° 3	n.a.	T 4
F 5	16 23 51	5°41'19	0♌50	16°13	11°40	18°44	2°27	28°38	7°51	5°23	16°13	11°45	13°21	28° 9	n.a.	F 5
S 6	16 27 47	6°38'26	13°16	18°12	12°53	19°22	2°40	28°33	7°52	5°21	16°14	11°47	13°18	28°16	n.a.	S 6
S 7	16 31 44	7°35'33	26° 0	20° 8	14° 7	20° 1	2°53	28°29	7°53	5°20	16°14	11°48	13°15	28°23	n.a.	S 7
M 8	16 35 40	8°32'41	9♍ 5	22° 3	15°21	20°39	3° 5	28°25	7°54	5°19	16°14	11°R49	13°12	28°30	n.a.	M 8
T 9	16 39 37	9°29'48	22°35	23°56	16°35	21°17	3°18	28°21	7°54	5°17	16°15	11°48	13° 8	28°36	n.a.	T 9
W10	16 43 33	10°26'55	6♎32	25°48	17°49	21°55	3°30	28°16	7°55	5°16	16°15	11°46	13° 5	28°43	n.a.	W10
T 11	16 47 30	11°24'02	20°55	27°37	19° 2	22°34	3°43	28°12	7°56	5°14	16°15	11°43	13° 2	28°50	n.a.	T 11
F 12	16 51 26	12°21'10	5♏41	29°25	20°16	23°12	3°55	28° 8	7°57	5°13	16°15	11°39	12°59	28°56	n.a.	F 12
S 13	16 55 23	13°18'18	20°44	1♋10	21°30	23°50	4° 7	28° 4	7°58	5°11	16°16	11°35	12°56	29° 3	n.a.	S 13
S 14	16 59 20	14°15'27	5♐56	2°54	22°44	24°28	4°19	27°59	7°59	5°10	16°16	11°32	12°53	29°10	n.a.	S 14
M15	17 3 16	15°12'36	21° 7	4°36	23°58	25° 6	4°32	27°55	8° 1	5° 8	16°16	11°30	12°49	29°16	n.a.	M15
T 16	17 7 13	16° 9'46	6♑ 6	6°16	25°11	25°45	4°44	27°51	8° 2	5° 7	16°16	11°D29	12°46	29°23	n.a.	T 16
W17	17 11 9	17° 6'56	20°47	7°54	26°25	26°23	4°56	27°47	8° 3	5° 5	16°16	11°29	12°43	29°30	n.a.	W17
T 18	17 15 6	18° 4'08	5♒ 4	9°30	27°39	27° 1	5° 8	27°43	8° 4	5° 4	16°17	11°30	12°40	29°36	n.a.	T 18
F 19	17 19 2	19° 1'20	18°54	11° 5	28°53	27°39	5°20	27°39	8° 6	5° 2	16°17	11°31	12°37	29°43	n.a.	F 19
S 20	17 22 59	19°58'33	2♓17	12°37	0♋ 7	28°17	5°31	27°35	8° 7	5° 1	16°17	11°32	12°34	29°50	n.a.	S 20
S 21	17 26 56	20°55'47	15°16	14° 8	1°21	28°55	5°43	27°31	8° 8	4°59	16°17	11°R33	12°30	29°56	n.a.	S 21
M22	17 30 52	21°53'03	27°54	15°36	2°34	29°34	5°55	27°28	8°10	4°58	16°17	11°33	12°27	0♊ 3	n.a.	M22
T 23	17 34 49	22°50'19	10♈14	17° 3	3°48	0♋12	6° 6	27°24	8°12	4°56	16°17	11°32	12°24	0°10	n.a.	T 23
W24	17 38 45	23°47'36	22°21	18°28	5° 2	0°50	6°18	27°20	8°13	4°54	16°R17	11°31	12°21	0°16	n.a.	W24
T 25	17 42 42	24°44'55	4♉18	19°51	6°16	1°28	6°29	27°16	8°15	4°53	16°17	11°28	12°18	0°23	n.a.	T 25
F 26	17 46 38	25°42'15	16°10	21°12	7°30	2° 6	6°41	27°13	8°16	4°51	16°17	11°26	12°14	0°30	n.a.	F 26
S 27	17 50 35	26°39'36	27°59	22°31	8°44	2°45	6°52	27° 9	8°18	4°50	16°17	11°24	12°11	0°36	n.a.	S 27
S 28	17 54 31	27°36'58	9♊49	23°47	9°58	3°23	7° 3	27° 6	8°20	4°48	16°17	11°22	12° 8	0°43	n.a.	S 28
M29	17 58 28	28°34'21	21°42	25° 2	11°12	4° 1	7°14	27° 2	8°22	4°46	16°17	11°20	12° 5	0°50	n.a.	M29
T 30	18 2 25	29♊31'45	3♋39	26♋14	12♋26	4♋39	7♉25	26♏59	8♍24	4♑45	16♓17	11♑20	12♑ 2	0♊57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n50	25n 8	2n31	23n33	1n37	22n13	0n29	24n 1	0n59	11n20	0s56	18s45	1n29	9n28	0n46	23s21	0n18	21s14	17s10	23s14	23s 4	23n31		n.a.
T 2	21 1	25 11	1 32	23 58	1 42	22 28	0 32	24 5	0 59	11 24	0 56	18 44	1 29	9 28	0 46	23 21	0 18	21 14	17 11	23 15	23 5	23 32		n.a.
W 3	21 12	24 4	0 28	24 19	1 46	22 42	0 34	24 9	0 59	11 29	0 56	18 43	1 29	9 28	0 46	23 21	0 18	21 14	17 11	23 15	23 5	23 33		n.a.
T 4	21 23	21 50	0s38	24 38	1 49	22 55	0 36	24 13	0 59	11 33	0 56	18 42	1 29	9 27	0 46	23 21	0 18	21 14	17 11	23 15	23 5	23 34		n.a.
F 5	21 33	18 35	1 42	24 54	1 52	23 8	0 38	24 17	1 0	11 37	0 56	18 41	1 29	9 27	0 46	23 21	0 18	21 14	17 12	23 15	23 5	23 35		n.a.
S 6	21 43	14 27	2 44	25 8	1 54	23 20	0 40	24 20	1 0	11 42	0 56	18 40	1 29	9 27	0 46	23 21	0 18	21 15	17 12	23 14	23 6	23 36		n.a.
S 7	21 53	9 36	3 38	25 19	1 55	23 31	0 42	24 23	1 0	11 46	0 56	18 39	1 29	9 27	0 46	23 21	0 18	21 15	17 12	23 14	23 6	23 37		n.a.
M 8	22 2	4 12	4 24	25 27	1 56	23 41	0 44	24 26	1 0	11 51	0 56	18 39	1 29	9 26	0 46	23 21	0 18	21 15	17 13	23 14	23 6	23 38		n.a.
T 9	22 11	1s32	4 56	25 33	1 56	23 51	0 47	24 29	1 1	11 55	0 56	18 38	1 29	9 26	0 46	23 21	0 18	21 15	17 13	23 14	23 7	23 39		n.a.
W10	22 19	7 23	5 12	25 37	1 55	24 1	0 49	24 32	1 1	11 59	0 56	18 37	1 28	9 25	0 46	23 22	0 18	21 15	17 14	23 15	23 7	23 40		n.a.
T 11	22 28	13 2	5 9	25 39	1 54	24 9	0 51	24 35	1 1	12 3	0 56	18 36	1 28	9 25	0 46	23 22	0 18	21 16	17 14	23 15	23 7	23 41		n.a.
F 12	22 35	18 5	4 46	25 38	1 52	24 17	0 53	24 37	1 1	12 8	0 56	18 35	1 28	9 25	0 46	23 22	0 18	21 16	17 14	23 15	23 8	23 41		n.a.
S 13	22 43	22 5	4 3	25 35	1 49	24 24	0 54	24 39	1 2	12 12	0 56	18 34	1 28	9 24	0 46	23 22	0 18	21 16	17 15	23 16	23 8	23 42		n.a.
S 14	22 50	24 36	3 3	25 31	1 46	24 30	0 56	24 41	1 2	12 16	0 56	18 34	1 28	9 24	0 46	23 22	0 18	21 16	17 15	23 16	23 8	23 43		n.a.
M15	22 56	25 18	1 50	25 24	1 43	24 36	0 58	24 43	1 2	12 20	0 56	18 33	1 28	9 23	0 46	23 22	0 18	21 16	17 15	23 16	23 9	23 44		n.a.
T 16	23 2	24 7	0 30	25 16	1 39	24 41	1 0	24 44	1 2	12 24	0 56	18 32	1 28	9 23	0 46	23 22	0 18	21 17	17 16	23 16	23 9	23 45		n.a.
W17	23 8	21 18	0n51	25 6	1 34	24 45	1 2	24 46	1 3	12 28	0 56	18 31	1 28	9 22	0 46	23 22	0 18	21 17	17 16	23 16	23 9	23 46		n.a.
T 18	23 14	17 14	2 6	24 54	1 29	24 49	1 3	24 47	1 3	12 32	0 56	18 30	1 27	9 22	0 46	23 22	0 18	21 17	17 16	23 16	23 10	23 47		n.a.
F 19	23 19	12 20	3 12	24 41	1 23	24 51	1 5	24 48	1 3	12 36	0 56	18 30	1 27	9 21	0 46	23 22	0 18	21 18	17 17	23 16	23 10	23 48		n.a.
S 20	23 23	7 0	4 5	24 27	1 17	24 53	1 7	24 49	1 3	12 40	0 56	18 29	1 27	9 21	0 46	23 22	0 18	21 18	17 17	23 16	23 10	23 48		n.a.
S 21	23 27	1 33	4 43	24 11	1 11	24 54	1 8	24 49	1 3	12 44	0 56	18 28	1 27	9 20	0 46	23 22	0 18	21 18	17 17	23 16	23 10	23 49		n.a.
M22	23 31	3n50	5 7	23 54	1 4	24 55	1 10	24 50	1 4	12 48	0 56	18 27	1 27	9 19	0 45	23 22	0 18	21 18	17 18	23 16	23 11	23 50		n.a.
T 23	23 35	8 55	5 15	23 36	0 57	24 54	1 11	24 50	1 4	12 52	0 56	18 27	1 27	9 19	0 45	23 22	0 18	21 19	17 18	23 16	23 11	23 51		n.a.
W24	23 37	13 35	5 10	23 17	0 49	24 53	1 13	24 50	1 4	12 56	0 56	18 26	1 27	9 18	0 45	23 23	0 18	21 19	17 19	23 16	23 11	23 52		n.a.
T 25	23 40	17 41	4 51	22 58	0 41	24 51	1 14	24 50	1 4	12 59	0 56	18 25	1 26	9 18	0 45	23 23	0 18	21 19	17 19	23 16	23 12	23 53		n.a.
F 26	23 42	21 2	4 20	22 37	0 33	24 49	1 16	24 50	1 4	13 3	0 56	18 25	1 26	9 17	0 45	23 23	0 18	21 20	17 19	23 16	23 12	23 53		n.a.
S 27	23 44	23 31	3 37	22 15	0 24	24 45	1 17	24 49	1 5	13 7	0 56	18 24	1 26	9 16	0 45	23 23	0 18	21 20	17 20	23 17	23 12	23 54		n.a.
S 28	23 45	24 58	2 46	21 53	0 15	24 41	1 18	24 48	1 5	13 11	0 56	18 23	1 26	9 15	0 45	23 23	0 18	21 20	17 20	23 17	23 13	23 55		n.a.
M29	23 46	25 17	1 47	21 31	0 6	24 36	1 19	24 48	1 5	13 14	0 56	18 23	1 26	9 15	0 45	23 23	0 18	21 21	17 20	23 17	23 13	23 56		n.a.
T 30	23n46	24n26	0n42	21n 8	0s 4	24n31	1n20	24n46	1n 5	13n18	0s56	18s22	1n26	9n14	0n45	23s23	0n18	21s21	17s21	23s17	23s13	23n57		n.a.

Julian Day Number = 1490005.5, Delta T = 05h15m30s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'26, Lahiri = -12°42'26 Julian Calendar 1 June 634 BCE == Greg. Calendar 25 May 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

JULY 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 6 21	0♋29'11	15♋44	27♋24	13♋39	5♋17	7♉36	26°R56	8♍26	4°R43	16°R16	11°D20	11♏59	1♊ 3	n.a.	W 1
T 2	18 10 18	1°26'37	27°57	28°32	14°53	5°55	7°47	26♏52	8°28	4♏42	16♓16	11♏20	11°55	1°10	n.a.	T 2
F 3	18 14 14	2°24'04	10♌22	29°37	16° 7	6°34	7°57	26°49	8°30	4°40	16°16	11°21	11°52	1°17	n.a.	F 3
S 4	18 18 11	3°21'33	22°59	0♌40	17°21	7°12	8° 8	26°46	8°32	4°38	16°16	11°22	11°49	1°23	n.a.	S 4
S 5	18 22 7	4°19'02	5♍51	1°40	18°35	7°50	8°19	26°43	8°34	4°37	16°16	11°22	11°46	1°30	n.a.	S 5
M 6	18 26 4	5°16'32	19° 2	2°37	19°49	8°28	8°29	26°40	8°36	4°35	16°15	11°23	11°43	1°37	n.a.	M 6
T 7	18 30 0	6°14'04	2♎31	3°31	21° 3	9° 6	8°39	26°37	8°38	4°33	16°15	11°R23	11°40	1°43	n.a.	T 7
W 8	18 33 57	7°11'36	16°21	4°22	22°17	9°45	8°49	26°34	8°40	4°32	16°15	11°23	11°36	1°50	n.a.	W 8
T 9	18 37 54	8° 9'09	0♏31	5°10	23°31	10°23	9° 0	26°32	8°43	4°30	16°15	11°23	11°33	1°57	n.a.	T 9
F 10	18 41 50	9° 6'43	14°59	5°55	24°45	11° 1	9°10	26°29	8°45	4°28	16°14	11°22	11°30	2° 3	n.a.	F 10
S 11	18 45 47	10° 4'19	29°43	6°36	25°59	11°39	9°19	26°26	8°47	4°27	16°14	11°22	11°27	2°10	n.a.	S 11
S 12	18 49 43	11° 1'56	14♐36	7°13	27°13	12°17	9°29	26°24	8°50	4°25	16°13	11°D22	11°24	2°17	n.a.	S 12
M13	18 53 40	11°59'34	29°32	7°46	28°27	12°56	9°39	26°22	8°52	4°24	16°13	11°22	11°20	2°23	n.a.	M13
T 14	18 57 36	12°57'13	14♑21	8°15	29°40	13°34	9°48	26°19	8°55	4°22	16°13	11°R22	11°17	2°30	n.a.	T 14
W15	19 1 33	13°54'54	28°57	8°40	0♌54	14°12	9°58	26°17	8°57	4°20	16°12	11°22	11°14	2°37	n.a.	W15
T 16	19 5 30	14°52'36	13♒14	8°59	2° 8	14°50	10° 7	26°15	9° 0	4°19	16°12	11°22	11°11	2°43	n.a.	T 16
F 17	19 9 26	15°50'20	27° 8	9°14	3°22	15°28	10°16	26°13	9° 2	4°17	16°11	11°21	11° 8	2°50	n.a.	F 17
S 18	19 13 23	16°48'06	10♓37	9°24	4°36	16° 7	10°26	26°11	9° 5	4°16	16°11	11°21	11° 5	2°57	n.a.	S 18
S 19	19 17 19	17°45'53	23°41	9°R29	5°50	16°45	10°35	26° 9	9° 8	4°14	16°10	11°20	11° 1	3° 3	n.a.	S 19
M20	19 21 16	18°43'42	6♈22	9°28	7° 4	17°23	10°43	26° 7	9°10	4°12	16°10	11°20	10°58	3°10	n.a.	M20
T 21	19 25 12	19°41'34	18°44	9°21	8°18	18° 1	10°52	26° 5	9°13	4°11	16° 9	11°D20	10°55	3°17	n.a.	T 21
W22	19 29 9	20°39'27	0♉51	9° 8	9°32	18°39	11° 1	26° 3	9°16	4° 9	16° 9	11°20	10°52	3°23	n.a.	W22
T 23	19 33 5	21°37'22	12°48	8°49	10°46	19°18	11° 9	26° 2	9°19	4° 8	16° 8	11°20	10°49	3°30	n.a.	T 23
F 24	19 37 2	22°35'19	24°39	8°25	12° 0	19°56	11°18	26° 0	9°22	4° 6	16° 7	11°21	10°46	3°37	n.a.	F 24
S 25	19 40 58	23°33'18	6♊28	7°55	13°14	20°34	11°26	25°59	9°24	4° 5	16° 7	11°22	10°42	3°43	n.a.	S 25
S 26	19 44 55	24°31'19	18°20	7°19	14°27	21°13	11°34	25°58	9°27	4° 3	16° 6	11°24	10°39	3°50	n.a.	S 26
M27	19 48 52	25°29'22	0♋18	6°37	15°41	21°51	11°42	25°57	9°30	4° 2	16° 6	11°24	10°36	3°57	n.a.	M27
T 28	19 52 48	26°27'27	12°24	5°51	16°55	22°29	11°50	25°55	9°33	4° 0	16° 5	11°R25	10°33	4° 4	n.a.	T 28
W29	19 56 45	27°25'33	24°41	5° 1	18° 9	23° 7	11°57	25°54	9°36	3°59	16° 4	11°24	10°30	4°10	n.a.	W29
T 30	20 0 41	28°23'42	7♌11	4° 7	19°23	23°46	12° 5	25°53	9°39	3°57	16° 4	11°23	10°26	4°17	n.a.	T 30
F 31	20 4 38	29♋21'52	19♌54	3♌11	20♌37	24♋24	12♉12	25♏53	9♍43	3♏56	16♓ 3	11♏21	10♏23	4♊24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n46	22n26	0s24	20n44	0s14	24n25	1n21	24n45	1n 5	13n21	0s56	18s21	1n26	9n13	0n45	23s23	0n18	21s22	17s21	23s17	23s13	23n57			n.a.
T 2	23 46	19 22	1 31	20 21	0 24	24 17	1 22	24 44	1 5	13 25	0 56	18 21	1 25	9 12	0 45	23 23	0 18	21 22	17 21	23 17	23 14	23 58			n.a.
F 3	23 45	15 25	2 34	19 57	0 35	24 10	1 23	24 42	1 6	13 28	0 56	18 20	1 25	9 12	0 45	23 23	0 18	21 22	17 22	23 17	23 14	23 59			n.a.
S 4	23 44	10 43	3 31	19 33	0 46	24 1	1 24	24 40	1 6	13 32	0 56	18 20	1 25	9 11	0 45	23 23	0 18	21 23	17 22	23 17	23 14	24 0			n.a.
S 5	23 42	5 29	4 19	19 9	0 56	23 52	1 25	24 38	1 6	13 35	0 56	18 19	1 25	9 10	0 45	23 23	0 18	21 23	17 22	23 17	23 15	24 0			n.a.
M 6	23 40	0s 6	4 54	18 45	1 8	23 42	1 26	24 36	1 6	13 38	0 56	18 19	1 25	9 9	0 45	23 23	0 18	21 24	17 23	23 17	23 15	24 1			n.a.
T 7	23 37	5 48	5 14	18 21	1 19	23 31	1 26	24 33	1 6	13 42	0 56	18 18	1 25	9 8	0 45	23 23	0 18	21 24	17 23	23 17	23 15	24 2			n.a.
W 8	23 34	11 22	5 16	17 58	1 30	23 20	1 27	24 31	1 6	13 45	0 56	18 18	1 24	9 7	0 45	23 24	0 18	21 24	17 23	23 17	23 15	24 3			n.a.
T 9	23 31	16 29	5 0	17 35	1 42	23 8	1 28	24 28	1 7	13 48	0 56	18 17	1 24	9 6	0 45	23 24	0 18	21 25	17 24	23 17	23 16	24 3			n.a.
F 10	23 27	20 46	4 25	17 13	1 54	22 55	1 28	24 25	1 7	13 51	0 56	18 17	1 24	9 5	0 45	23 24	0 18	21 25	17 24	23 17	23 16	24 4			n.a.
S 11	23 23	23 48	3 31	16 52	2 5	22 42	1 28	24 22	1 7	13 54	0 57	18 16	1 24	9 5	0 45	23 24	0 18	21 26	17 24	23 17	23 16	24 5			n.a.
S 12	23 18	25 14	2 23	16 31	2 17	22 27	1 29	24 19	1 7	13 58	0 57	18 16	1 24	9 4	0 45	23 24	0 18	21 26	17 25	23 17	23 17	24 5			n.a.
M13	23 13	24 52	1 5	16 11	2 29	22 13	1 29	24 15	1 7	14 1	0 57	18 15	1 24	9 3	0 45	23 24	0 18	21 27	17 25	23 17	23 17	24 6			n.a.
T 14	23 8	22 43	0n17	15 52	2 40	21 57	1 29	24 11	1 7	14 4	0 57	18 15	1 23	9 2	0 45	23 24	0 18	21 27	17 25	23 17	23 17	24 7			n.a.
W15	23 2	19 5	1 36	15 35	2 52	21 41	1 29	24 7	1 8	14 7	0 57	18 15	1 23	9 1	0 45	23 24	0 18	21 28	17 26	23 17	23 17	24 7			n.a.
T 16	22 56	14 24	2 48	15 19	3 3	21 25	1 30	24 3	1 8	14 9	0 57	18 14	1 23	9 0	0 45	23 24	0 18	21 28	17 26	23 17	23 18	24 8			n.a.
F 17	22 49	9 4	3 48	15 4	3 14	21 7	1 30	23 59	1 8	14 12	0 57	18 14	1 23	8 59	0 45	23 24	0 18	21 29	17 26	23 17	23 18	24 9			n.a.
S 18	22 42	3 29	4 33	14 51	3 25	20 50	1 30	23 55	1 8	14 15	0 57	18 14	1 23	8 58	0 45	23 24	0 18	21 29	17 27	23 17	23 18	24 9			n.a.
S 19	22 34	2n 4	5 2	14 40	3 35	20 31	1 29	23 50	1 8	14 18	0 57	18 13	1 22	8 57	0 44	23 24	0 18	21 29	17 27	23 17	23 18	24 10			n.a.
M20	22 27	7 23	5 16	14 31	3 45	20 12	1 29	23 45	1 8	14 21	0 57	18 13	1 22	8 56	0 44	23 24	0 18	21 30	17 27	23 17	23 19	24 11			n.a.
T 21	22 18	12 16	5 15	14 24	3 54	19 52	1 29	23 40	1 8	14 23	0 57	18 13	1 22	8 54	0 44	23 24	0 18	21 30	17 28	23 17	23 19	24 11			n.a.
W22	22 10	16 35	4 59	14 20	4 2	19 32	1 29	23 35	1 8	14 26	0 57	18 13	1 22	8 53	0 44	23 24	0 18	21 31	17 28	23 17	23 19	24 12			n.a.
T 23	22 0	20 11	4 31	14 17	4 10	19 11	1 28	23 30	1 9	14 29	0 57	18 13	1 22	8 52	0 44	23 25	0 18	21 31	17 28	23 17	23 19	24 13			n.a.
F 24	21 51	22 55	3 51	14 18	4 16	18 50	1 28	23 24	1 9	14 31	0 57	18 12	1 21	8 51	0 44	23 25	0 18	21 32	17 29	23 17	23 20	24 13			n.a.
S 25	21 41	24 40	3 2	14 21	4 21	18 28	1 27	23 18	1 9	14 34	0 57	18 12	1 21	8 50	0 44	23 25	0 18	21 33	17 29	23 17	23 20	24 14			n.a.
S 26	21 31	25 19	2 4	14 26	4 24	18 6	1 27	23 13	1 9	14 36	0 57	18 12	1 21	8 49	0 44	23 25	0 18	21 33	17 29	23 17	23 20	24 14			n.a.
M27	21 20	24 47	1 1	14 35	4 27	17 43	1 26	23 6	1 9	14 39	0 58	18 12	1 21	8 48	0 44	23 25	0 18	21 34	17 29	23 16	23 21	24 15			n.a.
T 28	21 9	23 6	0s 5	14 46	4 27	17 20	1 25	23 0	1 9	14 41	0 58	18 12	1 21	8 46	0 44	23 25	0 18	21 34	17 30	23 16	23 21	24 16			n.a.
W29	20 58	20 18	1 13	14 59	4 26	16 56	1 24	22 54	1 9	14 43	0 58	18 12	1 20	8 45	0 44	23 25	0 18	21 35	17 30	23 16	23 21	24 16			n.a.
T 30	20 46	16 31	2 18	15 15	4 22	16 32	1 24	22 47	1 9	14 45	0 58	18 12	1 20	8 44	0 44	23 25	0 18	21 35	17 30	23 17	23 21	24 17			n.a.
F 31	20n34	11n56	3s17	15n33	4s17	16n 7	1n23	22n41	1n 9	14n48	0s58	18s12	1n20	8n43	0n44	23s25	0n18	21s36	17s31	23s17	23s22	24n17			n.a.

Julian Day Number = 1490035.5, Delta T = 05h15m29s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'22, Lahiri = -12°42'21 Julian Calendar 1 July 634 BCE == Greg. Calendar 24 June 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

AUGUST 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 8 34	0♌20'04	2♍51	2°R13	21♌51	25♋ 2	12♉19	25°R52	9♍46	3°R54	16°R 2	11°R18	10♑20	4♊30	n.a.	S 1
S 2	20 12 31	1°18'17	16° 1	1♌15	23° 5	25°41	12°26	25♏51	9°49	3♑53	16♓ 1	11♑15	10°17	4°37	n.a.	S 2
M 3	20 16 27	2°16'33	29°26	0°18	24°19	26°19	12°33	25°51	9°52	3°52	16° 0	11°13	10°14	4°44	n.a.	M 3
T 4	20 20 24	3°14'50	13♎ 3	29♋23	25°32	26°57	12°40	25°50	9°55	3°50	16° 0	11°11	10°11	4°50	n.a.	T 4
W 5	20 24 21	4°13'08	26°54	28°32	26°46	27°36	12°47	25°50	9°58	3°49	15°59	11°10	10° 7	4°57	n.a.	W 5
T 6	20 28 17	5°11'28	10♏57	27°46	28° 0	28°14	12°53	25°50	10° 2	3°48	15°58	11°D10	10° 4	5° 4	n.a.	T 6
F 7	20 32 14	6° 9'50	25°10	27° 6	29°14	28°52	13° 0	25°50	10° 5	3°46	15°57	11°10	10° 1	5°10	n.a.	F 7
S 8	20 36 10	7° 8'14	9♐33	26°32	0♍28	29°31	13° 6	25°D50	10° 8	3°45	15°56	11°12	9°58	5°17	n.a.	S 8
S 9	20 40 7	8° 6'39	24° 1	26° 7	1°42	0♌ 9	13°12	25°50	10°12	3°44	15°56	11°13	9°55	5°24	n.a.	S 9
M10	20 44 3	9° 5'07	8♑31	25°50	2°56	0°48	13°18	25°50	10°15	3°42	15°55	11°R14	9°52	5°30	n.a.	M10
T 11	20 48 0	10° 3'36	22°58	25°D41	4° 9	1°26	13°23	25°50	10°18	3°41	15°54	11°13	9°48	5°37	n.a.	T 11
W12	20 51 56	11° 2'07	7♒17	25°42	5°23	2° 4	13°29	25°50	10°22	3°40	15°53	11°12	9°45	5°44	n.a.	W12
T 13	20 55 53	12° 0'40	21°22	25°53	6°37	2°43	13°34	25°51	10°25	3°39	15°52	11° 8	9°42	5°50	n.a.	T 13
F 14	20 59 50	12°59'14	5♓10	26°13	7°51	3°21	13°40	25°51	10°29	3°38	15°51	11° 4	9°39	5°57	n.a.	F 14
S 15	21 3 46	13°57'52	18°36	26°42	9° 4	4° 0	13°45	25°52	10°32	3°36	15°50	10°58	9°36	6° 4	n.a.	S 15
S 16	21 7 43	14°56'31	1♈40	27°20	10°18	4°38	13°49	25°53	10°36	3°35	15°49	10°53	9°32	6°10	n.a.	S 16
M17	21 11 39	15°55'12	14°23	28° 6	11°32	5°17	13°54	25°53	10°39	3°34	15°48	10°48	9°29	6°17	n.a.	M17
T 18	21 15 36	16°53'56	26°47	29° 0	12°46	5°55	13°59	25°54	10°43	3°33	15°47	10°45	9°26	6°24	n.a.	T 18
W19	21 19 32	17°52'43	8♉55	0♌ 2	13°59	6°34	14° 3	25°55	10°46	3°32	15°46	10°43	9°23	6°30	n.a.	W19
T 20	21 23 29	18°51'31	20°52	1°11	15°13	7°12	14° 7	25°57	10°50	3°31	15°45	10°D42	9°20	6°37	n.a.	T 20
F 21	21 27 25	19°50'23	2♊43	2°26	16°27	7°51	14°11	25°58	10°53	3°30	15°44	10°43	9°17	6°44	n.a.	F 21
S 22	21 31 22	20°49'16	14°32	3°47	17°40	8°29	14°15	25°59	10°57	3°29	15°43	10°45	9°13	6°50	n.a.	S 22
S 23	21 35 19	21°48'12	26°26	5°13	18°54	9° 8	14°19	26° 0	11° 1	3°28	15°42	10°46	9°10	6°57	n.a.	S 23
M24	21 39 15	22°47'11	8♋27	6°43	20° 8	9°46	14°22	26° 2	11° 4	3°27	15°41	10°R47	9° 7	7° 4	n.a.	M24
T 25	21 43 12	23°46'11	20°42	8°17	21°21	10°25	14°25	26° 4	11° 8	3°26	15°40	10°47	9° 4	7°10	n.a.	T 25
W26	21 47 8	24°45'14	3♌11	9°54	22°35	11° 3	14°28	26° 5	11°12	3°25	15°39	10°44	9° 1	7°17	n.a.	W26
T 27	21 51 5	25°44'19	15°58	11°34	23°49	11°42	14°31	26° 7	11°15	3°25	15°38	10°40	8°57	7°24	n.a.	T 27
F 28	21 55 1	26°43'27	29° 2	13°15	25° 2	12°21	14°34	26° 9	11°19	3°24	15°37	10°34	8°54	7°30	n.a.	F 28
S 29	21 58 58	27°42'36	12♍24	14°59	26°16	12°59	14°36	26°11	11°23	3°23	15°36	10°26	8°51	7°37	n.a.	S 29
S 30	22 2 54	28°41'48	26° 0	16°44	27°29	13°38	14°39	26°13	11°27	3°22	15°35	10°18	8°48	7°44	n.a.	S 30
M31	22 6 51	29♌41'01	9♎48	18♌29	28♍43	14♌17	14♉41	26♏15	11♍30	3♑21	15♓33	10♑10	8♑45	7♊50	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n22	6n46	4s 7	15n53	4s10	15n42	1n22	22n34	1n10	14n50	0s58	18s12	1n20	8n42	0n44	23s25	0n18	21s36	17s31	23s17	23s22	24n18		n.a.
S 2	20 9	1 13	4 45	16 15	4 1	15 17	1 20	22 27	1 10	14 52	0 58	18 12	1 20	8 40	0 44	23 25	0 18	21 37	17 31	23 17	23 22	24 19		n.a.
M 3	19 56	4s28	5 8	16 38	3 50	14 51	1 19	22 19	1 10	14 54	0 58	18 12	1 19	8 39	0 44	23 25	0 18	21 37	17 31	23 17	23 22	24 19		n.a.
T 4	19 42	10 2	5 15	17 2	3 37	14 24	1 18	22 12	1 10	14 56	0 58	18 12	1 19	8 38	0 44	23 25	0 18	21 38	17 32	23 18	23 23	24 20		n.a.
W 5	19 28	15 12	5 3	17 26	3 22	13 58	1 17	22 4	1 10	14 58	0 58	18 12	1 19	8 37	0 44	23 25	0 18	21 38	17 32	23 18	23 23	24 20		n.a.
T 6	19 14	19 38	4 33	17 51	3 7	13 31	1 15	21 57	1 10	15 0	0 58	18 12	1 19	8 35	0 44	23 25	0 18	21 39	17 32	23 18	23 23	24 21		n.a.
F 7	19 0	22 59	3 47	18 15	2 50	13 3	1 14	21 49	1 10	15 2	0 58	18 12	1 19	8 34	0 44	23 25	0 18	21 40	17 32	23 18	23 23	24 21		n.a.
S 8	18 45	24 55	2 45	18 39	2 32	12 35	1 13	21 41	1 10	15 4	0 58	18 13	1 18	8 33	0 44	23 25	0 18	21 40	17 33	23 18	23 24	24 22		n.a.
S 9	18 29	25 11	1 33	19 2	2 14	12 7	1 11	21 33	1 10	15 5	0 59	18 13	1 18	8 32	0 44	23 26	0 18	21 41	17 33	23 17	23 24	24 22		n.a.
M10	18 14	23 44	0 15	19 24	1 55	11 39	1 9	21 24	1 10	15 7	0 59	18 13	1 18	8 30	0 44	23 26	0 18	21 41	17 33	23 17	23 24	24 23		n.a.
T 11	17 58	20 44	1n 4	19 44	1 36	11 10	1 8	21 16	1 10	15 9	0 59	18 13	1 18	8 29	0 44	23 26	0 18	21 42	17 33	23 17	23 24	24 23		n.a.
W12	17 42	16 29	2 18	20 2	1 17	10 41	1 6	21 7	1 11	15 10	0 59	18 14	1 18	8 28	0 44	23 26	0 18	21 42	17 33	23 18	23 24	24 24		n.a.
T 13	17 26	11 23	3 22	20 18	0 59	10 12	1 4	20 58	1 11	15 12	0 59	18 14	1 17	8 26	0 44	23 26	0 18	21 43	17 34	23 18	23 25	24 24		n.a.
F 14	17 9	5 50	4 13	20 32	0 41	9 42	1 2	20 49	1 11	15 13	0 59	18 14	1 17	8 25	0 44	23 26	0 17	21 43	17 34	23 18	23 25	24 25		n.a.
S 15	16 52	0 9	4 48	20 43	0 24	9 13	1 0	20 40	1 11	15 15	0 59	18 15	1 17	8 24	0 44	23 26	0 17	21 44	17 34	23 19	23 25	24 25		n.a.
S 16	16 35	5n22	5 8	20 52	0 7	8 43	0 59	20 31	1 11	15 16	0 59	18 15	1 17	8 22	0 44	23 26	0 17	21 45	17 34	23 19	23 25	24 26		n.a.
M17	16 17	10 31	5 11	20 58	0n 8	8 12	0 56	20 21	1 11	15 17	0 59	18 15	1 17	8 21	0 44	23 26	0 17	21 45	17 34	23 20	23 26	24 26		n.a.
T 18	15 59	15 6	5 0	21 1	0 23	7 42	0 54	20 12	1 11	15 19	0 59	18 16	1 16	8 19	0 44	23 26	0 17	21 46	17 35	23 20	23 26	24 27		n.a.
W19	15 41	19 0	4 35	21 1	0 36	7 11	0 52	20 2	1 11	15 20	0 59	18 16	1 16	8 18	0 44	23 26	0 17	21 46	17 35	23 20	23 26	24 27		n.a.
T 20	15 23	22 3	3 59	20 58	0 49	6 40	0 50	19 52	1 11	15 21	0 59	18 17	1 16	8 17	0 44	23 26	0 17	21 47	17 35	23 20	23 26	24 28		n.a.
F 21	15 4	24 8	3 12	20 52	1 0	6 9	0 48	19 42	1 11	15 22	1 0	18 17	1 16	8 15	0 44	23 26	0 17	21 47	17 35	23 20	23 27	24 28		n.a.
S 22	14 45	25 9	2 18	20 42	1 10	5 38	0 46	19 32	1 11	15 23	1 0	18 18	1 16	8 14	0 44	23 26	0 17	21 48	17 35	23 20	23 27	24 28		n.a.
S 23	14 26	25 1	1 17	20 30	1 19	5 7	0 43	19 22	1 11	15 24	1 0	18 18	1 16	8 12	0 44	23 26	0 17	21 48	17 35	23 20	23 27	24 29		n.a.
M24	14 7	23 43	0 13	20 15	1 27	4 35	0 41	19 11	1 11	15 25	1 0	18 19	1 15	8 11	0 44	23 26	0 17	21 49	17 36	23 20	23 27	24 29		n.a.
T 25	13 47	21 16	0s54	19 57	1 33	4 4	0 38	19 1	1 11	15 26	1 0	18 19	1 15	8 10	0 44	23 26	0 17	21 50	17 36	23 20	23 27	24 30		n.a.
W26	13 27	17 48	1 58	19 36	1 39	3 32	0 36	18 50	1 11	15 27	1 0	18 20	1 15	8 8	0 44	23 26	0 17	21 50	17 36	23 20	23 28	24 30		n.a.
T 27	13 7	13 26	2 59	19 13	1 44	3 0	0 33	18 39	1 11	15 28	1 0	18 20	1 15	8 7	0 44	23 26	0 17	21 51	17 36	23 20	23 28	24 30		n.a.
F 28	12 47	8 22	3 51	18 47	1 47	2 28	0 31	18 28	1 11	15 29	1 0	18 21	1 15	8 5	0 44	23 26	0 17	21 51	17 36	23 21	23 28	24 31		n.a.
S 29	12 26	2 50	4 31	18 19	1 50	1 56	0 28	18 17	1 11	15 29	1 0	18 22	1 14	8 4	0 44	23 27	0 17	21 52	17 36	23 21	23 28	24 31		n.a.
S 30	12 5	2s56	4 58	17 49	1 52	1 24	0 25	18 6	1 11	15 30	1 0	18 22	1 14	8 2	0 44	23 27	0 17	21 52	17 36	23 22	23 29	24 32		n.a.
M31	11n44	8s37	5s 7	17n17	1n53	0n52	0n23	17n55	1n11	15n30	1s 0	18s23	1n14	8n 1	0n44	23s27	0n17	21s53	17s36	23s23	23s29	24n32		n.a.

Julian Day Number = 1490066.5, Delta T = 05h15m27s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'18, Lahiri = -12°42'17 Julian Calendar 1 Aug. 634 BCE == Greg. Calendar 25 July 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

SEPTEMBER 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 10 47	0♍40'17	23♎45	20♌16	29♍56	14♌55	14♉43	26♏18	11♍34	3°R21	15°R32	10°R 3	8♑42	7♊57	n.a.	T 1
W 2	22 14 44	1°39'34	7♏48	22° 3	1♎10	15°34	14°44	26°20	11°38	3♑20	15♓31	9♑58	8°38	8° 4	n.a.	W 2
T 3	22 18 41	2°38'54	21°54	23°50	2°24	16°13	14°46	26°22	11°42	3°19	15°30	9°56	8°35	8°10	n.a.	T 3
F 4	22 22 37	3°38'15	6♐ 2	25°37	3°37	16°51	14°47	26°25	11°45	3°19	15°29	9°D56	8°32	8°17	n.a.	F 4
S 5	22 26 34	4°37'38	20°10	27°24	4°50	17°30	14°48	26°28	11°49	3°18	15°28	9°56	8°29	8°24	n.a.	S 5
S 6	22 30 30	5°37'04	4♑17	29°10	6° 4	18° 9	14°49	26°30	11°53	3°18	15°27	9°R57	8°26	8°30	n.a.	S 6
M 7	22 34 27	6°36'31	18°21	0♍57	7°17	18°48	14°50	26°33	11°57	3°17	15°26	9°57	8°23	8°37	n.a.	M 7
T 8	22 38 23	7°36'00	2♒21	2°42	8°31	19°26	14°51	26°36	12° 0	3°17	15°24	9°55	8°19	8°44	n.a.	T 8
W 9	22 42 20	8°35'30	16°15	4°28	9°44	20° 5	14°51	26°39	12° 4	3°16	15°23	9°50	8°16	8°50	n.a.	W 9
T 10	22 46 16	9°35'03	29°58	6°13	10°57	20°44	14°R51	26°42	12° 8	3°16	15°22	9°43	8°13	8°57	n.a.	T 10
F 11	22 50 13	10°34'38	13♓28	7°57	12°11	21°23	14°51	26°45	12°12	3°15	15°21	9°33	8°10	9° 4	n.a.	F 11
S 12	22 54 9	11°34'15	26°42	9°40	13°24	22° 1	14°51	26°48	12°16	3°15	15°20	9°22	8° 7	9°10	n.a.	S 12
S 13	22 58 6	12°33'54	9♈39	11°23	14°37	22°40	14°50	26°52	12°19	3°15	15°19	9°11	8° 3	9°17	n.a.	S 13
M14	23 2 3	13°33'36	22°17	13° 6	15°51	23°19	14°50	26°55	12°23	3°14	15°17	9° 1	8° 0	9°24	n.a.	M14
T 15	23 5 59	14°33'19	4♉39	14°47	17° 4	23°58	14°49	26°59	12°27	3°14	15°16	8°52	7°57	9°30	n.a.	T 15
W16	23 9 56	15°33'06	16°46	16°29	18°17	24°37	14°48	27° 2	12°31	3°14	15°15	8°46	7°54	9°37	n.a.	W16
T 17	23 13 52	16°32'54	28°42	18° 9	19°30	25°16	14°46	27° 6	12°35	3°14	15°14	8°42	7°51	9°44	n.a.	T 17
F 18	23 17 49	17°32'45	10♊32	19°49	20°43	25°55	14°45	27°10	12°38	3°14	15°13	8°40	7°48	9°50	n.a.	F 18
S 19	23 21 45	18°32'38	22°21	21°28	21°57	26°34	14°43	27°14	12°42	3°13	15°12	8°D40	7°44	9°57	n.a.	S 19
S 20	23 25 42	19°32'34	4♋14	23° 7	23°10	27°13	14°41	27°18	12°46	3°13	15°11	8°R40	7°41	10° 4	n.a.	S 20
M21	23 29 38	20°32'32	16°17	24°45	24°23	27°52	14°39	27°22	12°50	3°13	15° 9	8°40	7°38	10°10	n.a.	M21
T 22	23 33 35	21°32'32	28°34	26°22	25°36	28°31	14°37	27°26	12°53	3°D13	15° 8	8°38	7°35	10°17	n.a.	T 22
W23	23 37 32	22°32'34	11♌11	27°59	26°49	29°10	14°35	27°30	12°57	3°13	15° 7	8°34	7°32	10°24	n.a.	W23
T 24	23 41 28	23°32'39	24° 9	29°35	28° 2	29°49	14°32	27°34	13° 1	3°13	15° 6	8°27	7°29	10°30	n.a.	T 24
F 25	23 45 25	24°32'46	7♍31	1♎11	29°15	0♍28	14°29	27°38	13° 5	3°13	15° 5	8°18	7°25	10°37	n.a.	F 25
S 26	23 49 21	25°32'54	21°14	2°47	0♏28	1° 7	14°26	27°43	13° 8	3°13	15° 4	8° 6	7°22	10°44	n.a.	S 26
S 27	23 53 18	26°33'05	5♎17	4°21	1°41	1°46	14°23	27°47	13°12	3°14	15° 3	7°54	7°19	10°50	n.a.	S 27
M28	23 57 14	27°33'18	19°33	5°56	2°54	2°25	14°19	27°52	13°16	3°14	15° 1	7°42	7°16	10°57	n.a.	M28
T 29	0 1 11	28°33'32	3♏57	7°30	4° 7	3° 4	14°16	27°56	13°20	3°14	15° 0	7°32	7°13	11° 4	n.a.	T 29
W30	0 5 7	29♍33'49	18♏23	9♎ 3	5♏20	3♍43	14♉12	28♏ 1	13♍23	3♑14	14♓59	7♑24	7♑ 9	11♊10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n23	13s57	4s58	16n43	1n53	0n20	0n20	17n43	1n11	15n31	1s 0	18s24	1n14	8n 0	0n44	23s27	0n17	21s53	17s37	23s23	23s29	24n32		n.a.
W 2	11 2	18 35	4 32	16 8	1 53	0s12	0 17	17 32	1 11	15 31	1 1	18 25	1 14	7 58	0 44	23 27	0 17	21 54	17 37	23 23	23 29	24 33		n.a.
T 3	10 40	22 10	3 49	15 31	1 52	0 45	0 14	17 20	1 11	15 32	1 1	18 25	1 13	7 57	0 44	23 27	0 17	21 54	17 37	23 24	23 29	24 33		n.a.
F 4	10 19	24 26	2 52	14 53	1 51	1 17	0 12	17 8	1 11	15 32	1 1	18 26	1 13	7 55	0 44	23 27	0 17	21 55	17 37	23 24	23 30	24 33		n.a.
S 5	9 57	25 8	1 44	14 14	1 48	1 49	0 9	16 56	1 11	15 32	1 1	18 27	1 13	7 54	0 44	23 27	0 17	21 55	17 37	23 24	23 30	24 34		n.a.
S 6	9 35	24 12	0 30	13 34	1 46	2 21	0 6	16 44	1 11	15 32	1 1	18 28	1 13	7 52	0 44	23 27	0 17	21 56	17 37	23 24	23 30	24 34		n.a.
M 7	9 13	21 45	0n45	12 53	1 43	2 53	0 3	16 32	1 11	15 33	1 1	18 29	1 13	7 51	0 44	23 27	0 17	21 56	17 37	23 24	23 30	24 34		n.a.
T 8	8 50	18 1	1 57	12 12	1 39	3 25	0 0	16 19	1 11	15 33	1 1	18 30	1 12	7 49	0 44	23 27	0 17	21 57	17 37	23 24	23 30	24 35		n.a.
W 9	8 28	13 18	3 1	11 29	1 35	3 57	0s 3	16 7	1 11	15 33	1 1	18 30	1 12	7 48	0 44	23 27	0 17	21 57	17 37	23 24	23 31	24 35		n.a.
T 10	8 5	7 59	3 54	10 46	1 31	4 29	0 6	15 54	1 11	15 33	1 1	18 31	1 12	7 46	0 43	23 27	0 17	21 58	17 37	23 25	23 31	24 35		n.a.
F 11	7 42	2 24	4 33	10 3	1 27	5 1	0 9	15 42	1 11	15 33	1 1	18 32	1 12	7 45	0 43	23 27	0 17	21 58	17 37	23 25	23 31	24 36		n.a.
S 12	7 19	3n11	4 56	9 19	1 22	5 33	0 12	15 29	1 11	15 32	1 1	18 33	1 12	7 43	0 43	23 27	0 17	21 59	17 37	23 26	23 31	24 36		n.a.
S 13	6 56	8 30	5 3	8 34	1 17	6 4	0 15	15 16	1 11	15 32	1 1	18 34	1 12	7 42	0 44	23 27	0 17	21 59	17 37	23 27	23 31	24 36		n.a.
M14	6 33	13 21	4 55	7 50	1 12	6 36	0 18	15 3	1 11	15 32	1 1	18 35	1 11	7 40	0 43	23 27	0 17	22 0	17 37	23 28	23 32	24 36		n.a.
T 15	6 10	17 32	4 34	7 5	1 6	7 7	0 21	14 50	1 11	15 32	1 2	18 36	1 11	7 39	0 43	23 27	0 17	22 0	17 37	23 28	23 32	24 37		n.a.
W16	5 46	20 54	4 0	6 20	1 0	7 38	0 24	14 37	1 11	15 31	1 2	18 37	1 11	7 38	0 43	23 27	0 17	22 1	17 37	23 29	23 32	24 37		n.a.
T 17	5 23	23 20	3 16	5 35	0 55	8 9	0 27	14 24	1 11	15 31	1 2	18 38	1 11	7 36	0 43	23 27	0 17	22 1	17 37	23 29	23 32	24 37		n.a.
F 18	4 59	24 43	2 24	4 50	0 49	8 40	0 30	14 10	1 11	15 30	1 2	18 39	1 11	7 35	0 43	23 27	0 17	22 2	17 37	23 29	23 32	24 37		n.a.
S 19	4 36	24 58	1 26	4 5	0 42	9 11	0 34	13 57	1 11	15 30	1 2	18 40	1 10	7 33	0 43	23 27	0 17	22 2	17 37	23 29	23 33	24 38		n.a.
S 20	4 12	24 6	0 24	3 19	0 36	9 41	0 37	13 43	1 11	15 29	1 2	18 41	1 10	7 32	0 43	23 27	0 17	22 3	17 37	23 29	23 33	24 38		n.a.
M21	3 48	22 6	0s40	2 34	0 30	10 12	0 40	13 29	1 11	15 28	1 2	18 42	1 10	7 30	0 44	23 27	0 17	22 3	17 37	23 29	23 33	24 38		n.a.
T 22	3 24	19 3	1 44	1 49	0 23	10 42	0 43	13 16	1 11	15 28	1 2	18 43	1 10	7 29	0 44	23 27	0 17	22 3	17 37	23 29	23 33	24 38		n.a.
W23	3 0	15 3	2 43	1 4	0 17	11 11	0 46	13 2	1 11	15 27	1 2	18 45	1 10	7 27	0 44	23 27	0 17	22 4	17 37	23 29	23 33	24 39		n.a.
T 24	2 36	10 15	3 36	0 19	0 10	11 41	0 49	12 48	1 11	15 26	1 2	18 46	1 10	7 26	0 44	23 27	0 17	22 4	17 37	23 30	23 33	24 39		n.a.
F 25	2 12	4 52	4 19	0s25	0 4	12 10	0 52	12 34	1 11	15 25	1 2	18 47	1 9	7 24	0 44	23 27	0 17	22 5	17 37	23 30	23 34	24 39		n.a.
S 26	1 48	0s53	4 48	1 10	0s 3	12 39	0 55	12 20	1 11	15 24	1 2	18 48	1 9	7 23	0 44	23 27	0 17	22 5	17 37	23 31	23 34	24 39		n.a.
S 27	1 23	6 42	5 0	1 54	0 10	13 8	0 58	12 5	1 11	15 23	1 2	18 49	1 9	7 21	0 44	23 27	0 17	22 5	17 37	23 32	23 34	24 39		n.a.
M28	0 59	12 17	4 54	2 38	0 16	13 36	1 1	11 51	1 11	15 22	1 2	18 50	1 9	7 20	0 44	23 27	0 17	22 6	17 37	23 33	23 34	24 40		n.a.
T 29	0 35	17 14	4 30	3 22	0 23	14 4	1 4	11 37	1 10	15 21	1 2	18 52	1 9	7 19	0 44	23 27	0 17	22 6	17 37	23 33	23 34	24 40		n.a.
W30	0n11	21s11	3s48	4s 5	0s30	14s32	1s 7	11n22	1n10	15n20	1s 2	18s53	1n 9	7n17	0n44	23s27	0n16	22s 7	17s36	23s34	23s35	24n40		n.a.

Julian Day Number = 1490097.5, Delta T = 05h15m26s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'13, Lahiri = -12°42'13 Julian Calendar 1 Sept. 634 BCE == Greg. Calendar 25 Aug. 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

OCTOBER 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 9 4	0♎34'07	2♐45	10♎36	6♏32	4♍22	14°R 8	28♏ 6	13♍27	3♑14	14°R58	7°R20	7♑ 6	11♊17	n.a.	T 1
F 2	0 13 1	1°34'26	17° 1	12° 9	7°45	5° 1	14♉ 4	28°11	13°31	3°15	14♓57	7♑18	7° 3	11°23	n.a.	F 2
S 3	0 16 57	2°34'48	1♑ 7	13°41	8°58	5°41	13°59	28°16	13°34	3°15	14°56	7°17	7° 0	11°30	n.a.	S 3
S 4	0 20 54	3°35'10	15° 4	15°13	10°11	6°20	13°55	28°21	13°38	3°15	14°55	7°17	6°57	11°37	n.a.	S 4
M 5	0 24 50	4°35'35	28°51	16°44	11°23	6°59	13°50	28°26	13°42	3°16	14°54	7°16	6°54	11°43	n.a.	M 5
T 6	0 28 47	5°36'00	12♒29	18°15	12°36	7°38	13°45	28°31	13°45	3°16	14°53	7°13	6°50	11°50	n.a.	T 6
W 7	0 32 43	6°36'27	25°57	19°46	13°49	8°17	13°40	28°36	13°49	3°17	14°52	7° 7	6°47	11°57	n.a.	W 7
T 8	0 36 40	7°36'56	9♓15	21°16	15° 1	8°57	13°35	28°41	13°52	3°17	14°50	6°57	6°44	12° 3	n.a.	T 8
F 9	0 40 36	8°37'26	22°22	22°46	16°14	9°36	13°29	28°46	13°56	3°18	14°49	6°46	6°41	12°10	n.a.	F 9
S 10	0 44 33	9°37'58	5♈17	24°15	17°26	10°15	13°24	28°52	13°59	3°18	14°48	6°32	6°38	12°17	n.a.	S 10
S 11	0 48 29	10°38'32	17°59	25°44	18°39	10°54	13°18	28°57	14° 3	3°19	14°47	6°18	6°34	12°23	n.a.	S 11
M12	0 52 26	11°39'07	0♉27	27°13	19°51	11°34	13°12	29° 3	14° 6	3°20	14°46	6° 5	6°31	12°30	n.a.	M12
T 13	0 56 23	12°39'44	12°42	28°41	21° 3	12°13	13° 6	29° 8	14°10	3°20	14°45	5°53	6°28	12°37	n.a.	T 13
W14	1 0 19	13°40'23	24°45	0♏ 8	22°16	12°52	13° 0	29°14	14°13	3°21	14°44	5°44	6°25	12°43	n.a.	W14
T 15	1 4 16	14°41'03	6♊39	1°35	23°28	13°32	12°54	29°19	14°17	3°22	14°43	5°38	6°22	12°50	n.a.	T 15
F 16	1 8 12	15°41'46	18°27	3° 2	24°40	14°11	12°47	29°25	14°20	3°23	14°42	5°35	6°19	12°57	n.a.	F 16
S 17	1 12 9	16°42'30	0♋14	4°28	25°52	14°50	12°41	29°31	14°23	3°23	14°41	5°34	6°15	13° 3	n.a.	S 17
S 18	1 16 5	17°43'16	12° 5	5°53	27° 4	15°30	12°34	29°37	14°27	3°24	14°40	5°34	6°12	13°10	n.a.	S 18
M19	1 20 2	18°44'03	24° 5	7°17	28°16	16° 9	12°27	29°42	14°30	3°25	14°39	5°34	6° 9	13°17	n.a.	M19
T 20	1 23 58	19°44'52	6♌21	8°40	29°28	16°49	12°20	29°48	14°33	3°26	14°39	5°33	6° 6	13°23	n.a.	T 20
W21	1 27 55	20°45'43	18°57	10° 3	0♐40	17°28	12°13	29°54	14°37	3°27	14°38	5°30	6° 3	13°30	n.a.	W21
T 22	1 31 52	21°46'36	1♍58	11°24	1°52	18° 8	12° 6	0♐ 0	14°40	3°28	14°37	5°24	6° 0	13°37	n.a.	T 22
F 23	1 35 48	22°47'30	15°25	12°44	3° 4	18°47	11°58	0° 6	14°43	3°29	14°36	5°15	5°56	13°43	n.a.	F 23
S 24	1 39 45	23°48'25	29°20	14° 3	4°16	19°27	11°51	0°13	14°46	3°30	14°35	5° 5	5°53	13°50	n.a.	S 24
S 25	1 43 41	24°49'22	13♎40	15°19	5°28	20° 6	11°44	0°19	14°49	3°31	14°34	4°54	5°50	13°57	n.a.	S 25
M26	1 47 38	25°50'20	28°18	16°34	6°39	20°46	11°36	0°25	14°53	3°32	14°33	4°42	5°47	14° 3	n.a.	M26
T 27	1 51 34	26°51'20	13♏ 8	17°47	7°51	21°25	11°28	0°31	14°56	3°33	14°32	4°33	5°44	14°10	n.a.	T 27
W28	1 55 31	27°52'20	28° 0	18°57	9° 2	22° 5	11°21	0°37	14°59	3°34	14°32	4°25	5°40	14°17	n.a.	W28
T 29	1 59 27	28°53'22	12♐47	20° 5	10°14	22°45	11°13	0°44	15° 2	3°36	14°31	4°21	5°37	14°23	n.a.	T 29
F 30	2 3 24	29°54'25	27°22	21° 9	11°25	23°24	11° 5	0°50	15° 5	3°37	14°30	4°19	5°34	14°30	n.a.	F 30
S 31	2 7 21	0♏55'28	11♑41	22♏ 9	12♐36	24♍ 4	10♉57	0♐57	15♍ 8	3♑38	14♓29	4°D19	5♑31	14♊37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	0s14	23s48	2s52	4s48	0s36	14s59	1s10	11n 8	1n10	15n19	1s 2	18s54	1n 8	7n16	0n44	23s27	0n16	22s 7	17s36	23s34	23s35	24n40			n.a.
F 2	0 38	24 52	1 45	5 31	0 43	15 26	1 13	10 53	1 10	15 17	1 2	18 55	1 8	7 14	0 44	23 27	0 16	22 7	17 36	23 34	23 35	24 40			n.a.
S 3	1 2	24 19	0 33	6 13	0 49	15 53	1 16	10 39	1 10	15 16	1 2	18 57	1 8	7 13	0 44	23 27	0 16	22 8	17 36	23 34	23 35	24 40			n.a.
S 4	1 27	22 14	0n41	6 55	0 56	16 19	1 19	10 24	1 10	15 15	1 2	18 58	1 8	7 12	0 44	23 27	0 16	22 8	17 36	23 34	23 35	24 40			n.a.
M 5	1 51	18 52	1 51	7 37	1 2	16 45	1 22	10 9	1 10	15 13	1 2	18 59	1 8	7 10	0 44	23 27	0 16	22 8	17 36	23 34	23 35	24 41			n.a.
T 6	2 15	14 30	2 54	8 18	1 8	17 11	1 25	9 54	1 10	15 12	1 2	19 0	1 8	7 9	0 44	23 27	0 16	22 8	17 36	23 34	23 36	24 41			n.a.
W 7	2 40	9 29	3 47	8 59	1 14	17 36	1 28	9 39	1 10	15 10	1 2	19 2	1 8	7 7	0 44	23 28	0 16	22 9	17 36	23 35	23 36	24 41			n.a.
T 8	3 4	4 6	4 26	9 39	1 20	18 0	1 30	9 24	1 10	15 8	1 2	19 3	1 7	7 6	0 44	23 28	0 16	22 9	17 35	23 35	23 36	24 41			n.a.
F 9	3 28	1n22	4 51	10 18	1 26	18 24	1 33	9 9	1 10	15 7	1 2	19 4	1 7	7 5	0 44	23 28	0 16	22 9	17 35	23 36	23 36	24 41			n.a.
S 10	3 52	6 42	5 0	10 57	1 32	18 48	1 36	8 54	1 9	15 5	1 2	19 6	1 7	7 3	0 44	23 28	0 16	22 10	17 35	23 36	23 36	24 41			n.a.
S 11	4 16	11 40	4 54	11 36	1 38	19 11	1 38	8 39	1 9	15 3	1 2	19 7	1 7	7 2	0 44	23 28	0 16	22 10	17 35	23 37	23 36	24 41			n.a.
M12	4 40	16 3	4 34	12 13	1 43	19 34	1 41	8 23	1 9	15 2	1 2	19 8	1 7	7 1	0 44	23 28	0 16	22 10	17 35	23 38	23 37	24 41			n.a.
T 13	5 4	19 41	4 1	12 50	1 48	19 56	1 44	8 8	1 9	15 0	1 2	19 10	1 7	6 59	0 44	23 28	0 16	22 10	17 35	23 38	23 37	24 41			n.a.
W14	5 28	22 25	3 18	13 26	1 53	20 18	1 46	7 53	1 9	14 58	1 2	19 11	1 7	6 58	0 44	23 28	0 16	22 11	17 34	23 39	23 37	24 42			n.a.
T 15	5 52	24 8	2 27	14 2	1 58	20 39	1 49	7 37	1 9	14 56	1 2	19 12	1 6	6 57	0 44	23 28	0 16	22 11	17 34	23 39	23 37	24 42			n.a.
F 16	6 16	24 45	1 30	14 37	2 3	20 59	1 51	7 22	1 9	14 54	1 2	19 14	1 6	6 55	0 44	23 28	0 16	22 11	17 34	23 39	23 37	24 42			n.a.
S 17	6 39	24 15	0 28	15 10	2 7	21 20	1 53	7 6	1 9	14 52	1 2	19 15	1 6	6 54	0 44	23 28	0 16	22 11	17 34	23 39	23 37	24 42			n.a.
S 18	7 3	22 38	0s35	15 43	2 11	21 39	1 56	6 51	1 8	14 50	1 2	19 16	1 6	6 53	0 44	23 28	0 16	22 11	17 34	23 39	23 37	24 42			n.a.
M19	7 26	20 0	1 37	16 15	2 15	21 58	1 58	6 35	1 8	14 48	1 2	19 18	1 6	6 51	0 44	23 28	0 16	22 12	17 33	23 39	23 38	24 42			n.a.
T 20	7 50	16 26	2 36	16 46	2 18	22 16	2 0	6 19	1 8	14 46	1 2	19 19	1 6	6 50	0 44	23 28	0 16	22 12	17 33	23 39	23 38	24 42			n.a.
W21	8 13	12 3	3 29	17 15	2 21	22 34	2 2	6 3	1 8	14 44	1 2	19 21	1 6	6 49	0 44	23 28	0 16	22 12	17 33	23 39	23 38	24 42			n.a.
T 22	8 36	7 0	4 13	17 44	2 24	22 51	2 4	5 48	1 8	14 42	1 2	19 22	1 5	6 48	0 44	23 28	0 16	22 12	17 33	23 40	23 38	24 42			n.a.
F 23	8 59	1 28	4 45	18 11	2 26	23 7	2 6	5 32	1 8	14 39	1 2	19 24	1 5	6 46	0 44	23 28	0 16	22 12	17 32	23 40	23 38	24 42			n.a.
S 24	9 22	4s19	5 1	18 37	2 27	23 23	2 8	5 16	1 7	14 37	1 2	19 25	1 5	6 45	0 44	23 28	0 16	22 12	17 32	23 40	23 38	24 42			n.a.
S 25	9 45	10 2	4 59	19 1	2 28	23 38	2 10	5 0	1 7	14 35	1 2	19 26	1 5	6 44	0 44	23 28	0 16	22 12	17 32	23 41	23 38	24 42			n.a.
M26	10 7	15 19	4 37	19 24	2 29	23 53	2 12	4 44	1 7	14 33	1 2	19 28	1 5	6 43	0 44	23 28	0 16	22 13	17 32	23 41	23 39	24 42			n.a.
T 27	10 30	19 45	3 57	19 45	2 29	24 7	2 13	4 28	1 7	14 30	1 2	19 29	1 5	6 42	0 44	23 27	0 16	22 13	17 31	23 42	23 39	24 42			n.a.
W28	10 52	22 55	3 1	20 4	2 28	24 20	2 15	4 12	1 7	14 28	1 2	19 31	1 5	6 40	0 44	23 27	0 16	22 13	17 31	23 42	23 39	24 42			n.a.
T 29	11 14	24 30	1 52	20 22	2 27	24 32	2 16	3 56	1 7	14 26	1 2	19 32	1 5	6 39	0 44	23 27	0 16	22 13	17 31	23 42	23 39	24 42			n.a.
F 30	11 36	24 22	0 37	20 37	2 24	24 44	2 18	3 40	1 6	14 23	1 2	19 34	1 4	6 38	0 44	23 27	0 16	22 13	17 31	23 42	23 39	24 42			n.a.
S 31	11s57	22s36	0n39	20s50	2s21	24s55	2s19	3n24	1n 6	14n21	1s 2	19s35	1n 4	6n37	0n44	23s27	0n16	22s13	17s30	23s42	23s39	24n42			n.a.

Julian Day Number = 1490127.5, Delta T = 05h15m24s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'09, Lahiri = -12°42'09 Julian Calendar 1 Oct. 634 BCE == Greg. Calendar 24 Sept. 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

NOVEMBER 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 11 17	1♏56'32	25♉43	23♏ 5	13♐48	24♍44	10°R49	1♐ 3	15♍11	3♉39	14°R29	4°R20	5♉28	14♊43	n.a.	S 1
M 2	2 15 14	2°57'37	9♒26	23°55	14°59	25°23	10♉41	1°10	15°13	3°41	14♓28	4♉20	5°25	14°50	n.a.	M 2
T 3	2 19 10	3°58'42	22°53	24°40	16°10	26° 3	10°33	1°16	15°16	3°42	14°27	4°18	5°21	14°57	n.a.	T 3
W 4	2 23 7	4°59'48	6♓ 5	25°19	17°21	26°43	10°25	1°23	15°19	3°43	14°27	4°14	5°18	15° 3	n.a.	W 4
T 5	2 27 3	6° 0'54	19° 4	25°51	18°32	27°22	10°17	1°29	15°22	3°45	14°26	4° 7	5°15	15°10	n.a.	T 5
F 6	2 31 0	7° 2'01	1♈50	26°14	19°42	28° 2	10° 9	1°36	15°25	3°46	14°25	3°58	5°12	15°16	n.a.	F 6
S 7	2 34 56	8° 3'09	14°25	26°28	20°53	28°42	10° 0	1°42	15°27	3°48	14°25	3°47	5° 9	15°23	n.a.	S 7
S 8	2 38 53	9° 4'18	26°49	26°R33	22° 4	29°22	9°52	1°49	15°30	3°49	14°24	3°36	5° 5	15°30	n.a.	S 8
M 9	2 42 50	10° 5'27	9♉ 4	26°27	23°14	0♎ 1	9°44	1°56	15°32	3°51	14°23	3°26	5° 2	15°36	n.a.	M 9
T 10	2 46 46	11° 6'37	21° 8	26°10	24°24	0°41	9°36	2° 3	15°35	3°52	14°23	3°17	4°59	15°43	n.a.	T 10
W11	2 50 43	12° 7'47	3♊ 5	25°41	25°35	1°21	9°28	2° 9	15°38	3°54	14°22	3°10	4°56	15°50	n.a.	W11
T 12	2 54 39	13° 8'59	14°56	25° 1	26°45	2° 1	9°19	2°16	15°40	3°55	14°22	3° 6	4°53	15°56	n.a.	T 12
F 13	2 58 36	14°10'11	26°42	24° 9	27°55	2°41	9°11	2°23	15°42	3°57	14°21	3° 4	4°50	16° 3	n.a.	F 13
S 14	3 2 32	15°11'24	8♋29	23° 8	29° 5	3°21	9° 3	2°30	15°45	3°59	14°21	3°D 4	4°46	16°10	n.a.	S 14
S 15	3 6 29	16°12'37	20°19	21°58	0♉15	4° 1	8°55	2°37	15°47	4° 0	14°20	3° 5	4°43	16°16	n.a.	S 15
M16	3 10 26	17°13'52	2♌18	20°41	1°24	4°40	8°47	2°44	15°49	4° 2	14°20	3° 6	4°40	16°23	n.a.	M16
T 17	3 14 22	18°15'07	14°31	19°20	2°34	5°20	8°39	2°51	15°52	4° 4	14°19	3°R 7	4°37	16°30	n.a.	T 17
W18	3 18 19	19°16'22	27° 3	17°57	3°43	6° 0	8°31	2°57	15°54	4° 5	14°19	3° 7	4°34	16°36	n.a.	W18
T 19	3 22 15	20°17'38	9♍58	16°36	4°52	6°40	8°23	3° 4	15°56	4° 7	14°19	3° 5	4°31	16°43	n.a.	T 19
F 20	3 26 12	21°18'55	23°20	15°18	6° 1	7°20	8°16	3°11	15°58	4° 9	14°18	3° 1	4°27	16°50	n.a.	F 20
S 21	3 30 8	22°20'12	7♎12	14° 7	7°10	8° 0	8° 8	3°18	16° 0	4°11	14°18	2°56	4°24	16°56	n.a.	S 21
S 22	3 34 5	23°21'30	21°32	13° 4	8°19	8°40	8° 0	3°25	16° 2	4°12	14°18	2°50	4°21	17° 3	n.a.	S 22
M23	3 38 1	24°22'48	6♏16	12°11	9°28	9°20	7°53	3°32	16° 4	4°14	14°17	2°43	4°18	17°10	n.a.	M23
T 24	3 41 58	25°24'06	21°18	11°27	10°36	10° 0	7°45	3°39	16° 6	4°16	14°17	2°38	4°15	17°16	n.a.	T 24
W25	3 45 55	26°25'25	6♐29	10°54	11°45	10°40	7°38	3°46	16° 8	4°18	14°17	2°34	4°11	17°23	n.a.	W25
T 26	3 49 51	27°26'44	21°37	10°32	12°53	11°21	7°30	3°53	16°10	4°20	14°16	2°31	4° 8	17°30	n.a.	T 26
F 27	3 53 48	28°28'02	6♉35	10°20	14° 1	12° 1	7°23	4° 1	16°12	4°22	14°16	2°D31	4° 5	17°36	n.a.	F 27
S 28	3 57 44	29°29'20	21°15	10°D18	15° 9	12°41	7°16	4° 8	16°13	4°24	14°16	2°32	4° 2	17°43	n.a.	S 28
S 29	4 1 41	0♐30'38	5♒32	10°24	16°16	13°21	7° 9	4°15	16°15	4°26	14°16	2°34	3°59	17°50	n.a.	S 29
M30	4 5 37	1♐31'56	19♒26	10♏40	17♉24	14♎ 1	7♉ 2	4♐22	16♍17	4♉28	14♓16	2♉35	3♉56	17♊56	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s19	19s28	1n52	21s 0	2s17	25s 6	2s20	3n 8	1n 6	14n18	1s 1	19s36	1n 4	6n36	0n44	23s27	0n16	22s13	17s30	23s42	23s39	24n42		n.a.
M 2	12 40	15 19	2 56	21 9	2 12	25 15	2 21	2 52	1 6	14 16	1 1	19 38	1 4	6 35	0 44	23 27	0 16	22 13	17 30	23 42	23 40	24 42		n.a.
T 3	13 1	10 28	3 49	21 14	2 6	25 24	2 22	2 36	1 6	14 13	1 1	19 39	1 4	6 34	0 44	23 27	0 16	22 13	17 30	23 42	23 40	24 42		n.a.
W 4	13 22	5 14	4 29	21 16	1 58	25 32	2 23	2 19	1 5	14 11	1 1	19 41	1 4	6 33	0 44	23 27	0 16	22 13	17 29	23 42	23 40	24 42		n.a.
T 5	13 43	0n 7	4 55	21 15	1 50	25 40	2 24	2 3	1 5	14 8	1 1	19 42	1 4	6 31	0 44	23 27	0 16	22 13	17 29	23 42	23 40	24 42		n.a.
F 6	14 3	5 23	5 5	21 11	1 39	25 47	2 25	1 47	1 5	14 6	1 1	19 44	1 4	6 30	0 44	23 27	0 16	22 13	17 29	23 43	23 40	24 42		n.a.
S 7	14 23	10 21	5 0	21 3	1 28	25 53	2 26	1 31	1 5	14 4	1 1	19 45	1 4	6 29	0 44	23 27	0 16	22 13	17 28	23 43	23 40	24 41		n.a.
S 8	14 43	14 50	4 41	20 52	1 15	25 58	2 26	1 14	1 4	14 1	1 1	19 47	1 3	6 28	0 44	23 27	0 16	22 13	17 28	23 43	23 40	24 41		n.a.
M 9	15 3	18 38	4 9	20 36	1 0	26 2	2 27	0 58	1 4	13 59	1 0	19 48	1 3	6 27	0 44	23 27	0 16	22 13	17 28	23 44	23 40	24 41		n.a.
T 10	15 22	21 36	3 26	20 17	0 44	26 6	2 27	0 42	1 4	13 56	1 0	19 50	1 3	6 26	0 44	23 27	0 16	22 13	17 27	23 44	23 41	24 41		n.a.
W11	15 41	23 35	2 34	19 53	0 27	26 9	2 27	0 26	1 4	13 54	1 0	19 51	1 3	6 25	0 44	23 27	0 16	22 13	17 27	23 44	23 41	24 41		n.a.
T 12	16 0	24 30	1 36	19 25	0 8	26 11	2 28	0 9	1 3	13 51	1 0	19 52	1 3	6 25	0 44	23 27	0 16	22 13	17 27	23 44	23 41	24 41		n.a.
F 13	16 19	24 18	0 34	18 53	0n11	26 13	2 28	0s 7	1 3	13 49	1 0	19 54	1 3	6 24	0 45	23 27	0 16	22 13	17 26	23 44	23 41	24 41		n.a.
S 14	16 37	23 0	0s29	18 18	0 32	26 14	2 28	0 23	1 3	13 46	1 0	19 55	1 3	6 23	0 45	23 27	0 16	22 13	17 26	23 44	23 41	24 41		n.a.
S 15	16 55	20 41	1 32	17 41	0 52	26 14	2 27	0 40	1 3	13 44	1 0	19 57	1 3	6 22	0 45	23 27	0 16	22 12	17 26	23 44	23 41	24 41		n.a.
M16	17 13	17 27	2 32	17 1	1 12	26 13	2 27	0 56	1 2	13 41	0 59	19 58	1 3	6 21	0 45	23 27	0 16	22 12	17 25	23 44	23 41	24 40		n.a.
T 17	17 30	13 25	3 26	16 20	1 32	26 11	2 27	1 12	1 2	13 39	0 59	20 0	1 3	6 20	0 45	23 27	0 16	22 12	17 25	23 44	23 41	24 40		n.a.
W18	17 47	8 44	4 11	15 40	1 50	26 9	2 26	1 28	1 2	13 37	0 59	20 1	1 2	6 19	0 45	23 27	0 15	22 12	17 25	23 44	23 42	24 40		n.a.
T 19	18 4	3 32	4 46	15 1	2 6	26 6	2 25	1 45	1 2	13 34	0 59	20 3	1 2	6 18	0 45	23 27	0 15	22 12	17 24	23 44	23 42	24 40		n.a.
F 20	18 20	2s 0	5 6	14 24	2 21	26 2	2 25	2 1	1 1	13 32	0 59	20 4	1 2	6 18	0 45	23 27	0 15	22 12	17 24	23 44	23 42	24 40		n.a.
S 21	18 36	7 37	5 10	13 51	2 33	25 58	2 24	2 17	1 1	13 29	0 59	20 5	1 2	6 17	0 45	23 27	0 15	22 11	17 24	23 44	23 42	24 40		n.a.
S 22	18 52	13 2	4 54	13 23	2 44	25 53	2 23	2 33	1 1	13 27	0 58	20 7	1 2	6 16	0 45	23 27	0 15	22 11	17 23	23 44	23 42	24 39		n.a.
M23	19 8	17 52	4 19	12 59	2 51	25 47	2 22	2 50	1 0	13 25	0 58	20 8	1 2	6 15	0 45	23 27	0 15	22 11	17 23	23 45	23 42	24 39		n.a.
T 24	19 23	21 39	3 26	12 40	2 57	25 40	2 20	3 6	1 0	13 23	0 58	20 10	1 2	6 15	0 45	23 27	0 15	22 11	17 23	23 45	23 42	24 39		n.a.
W25	19 37	23 57	2 17	12 27	3 1	25 33	2 19	3 22	1 0	13 20	0 58	20 11	1 2	6 14	0 45	23 27	0 15	22 11	17 22	23 45	23 42	24 39		n.a.
T 26	19 52	24 29	0 59	12 18	3 2	25 25	2 17	3 38	0 59	13 18	0 57	20 13	1 2	6 13	0 45	23 27	0 15	22 10	17 22	23 45	23 42	24 39		n.a.
F 27	20 6	23 14	0n22	12 15	3 2	25 16	2 16	3 54	0 59	13 16	0 57	20 14	1 2	6 13	0 45	23 27	0 15	22 10	17 22	23 45	23 42	24 38		n.a.
S 28	20 19	20 25	1 41	12 15	3 1	25 7	2 14	4 11	0 59	13 14	0 57	20 15	1 2	6 12	0 45	23 27	0 15	22 10	17 21	23 45	23 43	24 38		n.a.
S 29	20 32	16 23	2 51	12 20	2 58	24 57	2 12	4 27	0 58	13 12	0 57	20 17	1 2	6 11	0 45	23 26	0 15	22 10	17 21	23 45	23 43	24 38		n.a.
M30	20s45	11s34	3n49	12s28	2n54	24s46	2s10	4s43	0n58	13n10	0s57	20s18	1n 2	6n11	0n45	23s26	0n15	22s 9	17s21	23s45	23s43	24n38		n.a.

Julian Day Number = 1490158.5, Delta T = 05h15m23s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'05, Lahiri = -12°42'05 Julian Calendar 1 Nov. 634 BCE == Greg. Calendar 25 Oct. 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 634 BCE
geocentric

DECEMBER 634 BCE (-633) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 9 34	2♐33'13	2♓56	11♏ 2	18♑31	14♎41	6°R56	4♐29	16♍18	4♑30	14°R16	2°R36	3♑52	18♊ 3	n.a.	T 1
W 2	4 13 30	3°34'29	16° 4	11°32	19°38	15°21	6♉49	4°36	16°20	4°32	14♓16	2♑35	3°49	18° 9	n.a.	W 2
T 3	4 17 27	4°35'45	28°54	12° 8	20°45	16° 1	6°43	4°43	16°21	4°34	14°16	2°33	3°46	18°16	n.a.	T 3
F 4	4 21 24	5°37'00	11♈27	12°49	21°51	16°42	6°36	4°50	16°23	4°36	14°15	2°29	3°43	18°23	n.a.	F 4
S 5	4 25 20	6°38'15	23°48	13°36	22°57	17°22	6°30	4°57	16°24	4°38	14°15	2°25	3°40	18°29	n.a.	S 5
S 6	4 29 17	7°39'30	5♉58	14°26	24° 3	18° 2	6°24	5° 4	16°25	4°40	14°D15	2°21	3°37	18°36	n.a.	S 6
M 7	4 33 13	8°40'43	17°59	15°21	25° 9	18°42	6°18	5°11	16°26	4°42	14°15	2°16	3°33	18°43	n.a.	M 7
T 8	4 37 10	9°41'57	29°54	16°20	26°15	19°22	6°13	5°18	16°28	4°44	14°15	2°13	3°30	18°49	n.a.	T 8
W 9	4 41 6	10°43'10	11♊45	17°21	27°20	20° 3	6° 7	5°25	16°29	4°46	14°16	2°10	3°27	18°56	n.a.	W 9
T 10	4 45 3	11°44'22	23°33	18°26	28°25	20°43	6° 2	5°32	16°30	4°48	14°16	2° 9	3°24	19° 3	n.a.	T 10
F 11	4 49 0	12°45'34	5♋21	19°33	29°29	21°23	5°57	5°39	16°31	4°50	14°16	2°D 9	3°21	19° 9	n.a.	F 11
S 12	4 52 56	13°46'46	17°10	20°42	0♒34	22° 4	5°52	5°47	16°32	4°53	14°16	2° 9	3°17	19°16	n.a.	S 12
S 13	4 56 53	14°47'57	29° 5	21°53	1°38	22°44	5°47	5°54	16°33	4°55	14°16	2°11	3°14	19°23	n.a.	S 13
M14	5 0 49	15°49'07	11♌ 7	23° 6	2°42	23°24	5°42	6° 1	16°34	4°57	14°16	2°12	3°11	19°29	n.a.	M14
T 15	5 4 46	16°50'17	23°22	24°21	3°45	24° 5	5°37	6° 8	16°35	4°59	14°16	2°13	3° 8	19°36	n.a.	T 15
W16	5 8 42	17°51'26	5♍52	25°38	4°48	24°45	5°33	6°15	16°35	5° 1	14°17	2°14	3° 5	19°43	n.a.	W16
T 17	5 12 39	18°52'35	18°42	26°56	5°51	25°25	5°29	6°22	16°36	5° 3	14°17	2°R15	3° 2	19°49	n.a.	T 17
F 18	5 16 35	19°53'44	1♎56	28°15	6°53	26° 6	5°25	6°29	16°37	5° 6	14°17	2°15	2°58	19°56	n.a.	F 18
S 19	5 20 32	20°54'52	15°36	29°35	7°55	26°46	5°21	6°35	16°37	5° 8	14°17	2°14	2°55	20° 3	n.a.	S 19
S 20	5 24 29	21°55'59	29°44	0♐57	8°57	27°27	5°18	6°42	16°38	5°10	14°18	2°12	2°52	20° 9	n.a.	S 20
M21	5 28 25	22°57'05	14♏17	2°20	9°58	28° 7	5°14	6°49	16°38	5°12	14°18	2°11	2°49	20°16	n.a.	M21
T 22	5 32 22	23°58'11	29°12	3°43	10°59	28°47	5°11	6°56	16°39	5°15	14°18	2°10	2°46	20°22	n.a.	T 22
W23	5 36 18	24°59'16	14♐21	5° 8	11°59	29°28	5° 8	7° 3	16°39	5°17	14°19	2°10	2°43	20°29	n.a.	W23
T 24	5 40 15	26° 0'21	29°35	6°33	12°59	0♏ 8	5° 5	7°10	16°39	5°19	14°19	2°D 9	2°39	20°36	n.a.	T 24
F 25	5 44 11	27° 1'24	14♑44	7°59	13°58	0°49	5° 3	7°17	16°39	5°21	14°20	2° 9	2°36	20°42	n.a.	F 25
S 26	5 48 8	28° 2'26	29°40	9°27	14°57	1°29	5° 0	7°24	16°40	5°24	14°20	2°10	2°33	20°49	n.a.	S 26
S 27	5 52 5	29° 3'26	14♒15	10°54	15°56	2°10	4°58	7°30	16°40	5°26	14°21	2°10	2°30	20°56	n.a.	S 27
M28	5 56 1	0♑ 4'25	28°24	12°23	16°54	2°50	4°56	7°37	16°40	5°28	14°21	2°10	2°27	21° 2	n.a.	M28
T 29	5 59 58	1° 5'23	12♓ 5	13°53	17°51	3°31	4°54	7°44	16°R40	5°30	14°22	2°11	2°23	21° 9	n.a.	T 29
W30	6 3 54	2° 6'19	25°21	15°23	18°48	4°11	4°53	7°50	16°40	5°33	14°22	2°11	2°20	21°16	n.a.	W30
T 31	6 7 51	3♑ 7'13	8♈12	16♐54	19♒44	4♏52	4♉51	7♐57	16♍40	5♑35	14♓23	2♑11	2♑17	21♊22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s58	6s20	4n33	12s40	2n49	24s35	2s 8	4s59	0n58	13n 8	0s56	20s20	1n 1	6n10	0n45	23s26	0n15	22s 9	17s20	23s45	23s43	24n38			n.a.
W 2	21 10	0 57	5 1	12 55	2 44	24 23	2 5	5 15	0 57	13 6	0 56	20 21	1 1	6 10	0 45	23 26	0 15	22 9	17 20	23 45	23 43	24 37			n.a.
T 3	21 21	4n20	5 13	13 12	2 37	24 10	2 3	5 31	0 57	13 4	0 56	20 22	1 1	6 9	0 45	23 26	0 15	22 9	17 19	23 45	23 43	24 37			n.a.
F 4	21 32	9 20	5 10	13 31	2 31	23 57	2 0	5 47	0 57	13 2	0 56	20 24	1 1	6 9	0 45	23 26	0 15	22 8	17 19	23 45	23 43	24 37			n.a.
S 5	21 43	13 52	4 52	13 52	2 23	23 43	1 58	6 3	0 56	13 0	0 55	20 25	1 1	6 8	0 45	23 26	0 15	22 8	17 19	23 45	23 43	24 37			n.a.
S 6	21 53	17 48	4 22	14 14	2 16	23 29	1 55	6 19	0 56	12 58	0 55	20 26	1 1	6 8	0 45	23 26	0 15	22 8	17 18	23 45	23 43	24 36			n.a.
M 7	22 3	20 56	3 40	14 38	2 8	23 14	1 52	6 35	0 55	12 57	0 55	20 28	1 1	6 7	0 45	23 26	0 15	22 7	17 18	23 45	23 43	24 36			n.a.
T 8	22 13	23 9	2 49	15 2	2 0	22 58	1 48	6 50	0 55	12 55	0 55	20 29	1 1	6 7	0 45	23 26	0 15	22 7	17 18	23 45	23 43	24 36			n.a.
W 9	22 22	24 20	1 50	15 28	1 52	22 42	1 45	7 6	0 55	12 53	0 54	20 30	1 1	6 6	0 45	23 26	0 15	22 6	17 17	23 45	23 44	24 35			n.a.
T 10	22 30	24 24	0 47	15 54	1 43	22 25	1 42	7 22	0 54	12 52	0 54	20 32	1 1	6 6	0 46	23 26	0 15	22 6	17 17	23 45	23 44	24 35			n.a.
F 11	22 39	23 22	0s18	16 20	1 35	22 8	1 38	7 38	0 54	12 50	0 54	20 33	1 1	6 5	0 46	23 26	0 15	22 6	17 16	23 45	23 44	24 35			n.a.
S 12	22 46	21 17	1 22	16 47	1 26	21 51	1 34	7 53	0 53	12 49	0 54	20 34	1 1	6 5	0 46	23 26	0 15	22 5	17 16	23 45	23 44	24 35			n.a.
S 13	22 53	18 17	2 24	17 14	1 18	21 32	1 30	8 9	0 53	12 47	0 53	20 36	1 1	6 5	0 46	23 26	0 15	22 5	17 16	23 45	23 44	24 34			n.a.
M14	23 0	14 29	3 20	17 41	1 9	21 14	1 26	8 24	0 52	12 46	0 53	20 37	1 1	6 4	0 46	23 26	0 15	22 5	17 15	23 45	23 44	24 34			n.a.
T 15	23 7	10 2	4 7	18 8	1 1	20 55	1 22	8 40	0 52	12 45	0 53	20 38	1 1	6 4	0 46	23 26	0 15	22 4	17 15	23 45	23 44	24 34			n.a.
W16	23 12	5 5	4 45	18 35	0 53	20 35	1 18	8 55	0 51	12 44	0 53	20 39	1 1	6 4	0 46	23 25	0 15	22 4	17 15	23 45	23 44	24 33			n.a.
T 17	23 18	0s12	5 9	19 2	0 44	20 15	1 13	9 11	0 51	12 43	0 52	20 41	1 1	6 4	0 46	23 25	0 15	22 3	17 14	23 45	23 44	24 33			n.a.
F 18	23 23	5 37	5 17	19 28	0 36	19 55	1 9	9 26	0 50	12 41	0 52	20 42	1 0	6 4	0 46	23 25	0 15	22 3	17 14	23 45	23 44	24 33			n.a.
S 19	23 27	10 58	5 9	19 53	0 28	19 34	1 4	9 41	0 50	12 40	0 52	20 43	1 0	6 3	0 46	23 25	0 15	22 2	17 13	23 45	23 44	24 32			n.a.
S 20	23 31	15 55	4 42	20 19	0 20	19 13	0 59	9 56	0 50	12 39	0 52	20 44	1 0	6 3	0 46	23 25	0 15	22 2	17 13	23 45	23 44	24 32			n.a.
M21	23 35	20 6	3 56	20 43	0 12	18 51	0 54	10 11	0 49	12 39	0 51	20 46	1 0	6 3	0 46	23 25	0 15	22 1	17 13	23 45	23 44	24 32			n.a.
T 22	23 38	23 4	2 53	21 7	0 4	18 30	0 48	10 26	0 49	12 38	0 51	20 47	1 0	6 3	0 46	23 25	0 15	22 1	17 12	23 45	23 45	24 31			n.a.
W23	23 40	24 27	1 37	21 31	0s 4	18 7	0 43	10 41	0 48	12 37	0 51	20 48	1 0	6 3	0 46	23 25	0 15	22 0	17 12	23 45	23 45	24 31			n.a.
T 24	23 43	24 1	0 14	21 53	0 11	17 45	0 37	10 56	0 47	12 36	0 51	20 49	1 0	6 3	0 46	23 25	0 15	22 0	17 12	23 45	23 45	24 30			n.a.
F 25	23 44	21 48	1n 9	22 15	0 19	17 22	0 32	11 11	0 47	12 36	0 50	20 50	1 0	6 3	0 46	23 25	0 15	21 59	17 11	23 45	23 45	24 30			n.a.
S 26	23 45	18 6	2 27	22 36	0 26	16 59	0 26	11 26	0 46	12 35	0 50	20 51	1 0	6 3	0 46	23 25	0 15	21 59	17 11	23 45	23 45	24 30			n.a.
S 27	23 46	13 23	3 34	22 56	0 33	16 36	0 20	11 40	0 46	12 35	0 50	20 53	1 0	6 3	0 46	23 25	0 15	21 58	17 11	23 45	23 45	24 29			n.a.
M28	23 46	8 4	4 25	23 15	0 39	16 12	0 14	11 55	0 45	12 34	0 49	20 54	1 0	6 3	0 46	23 25	0 15	21 58	17 10	23 45	23 45	24 29			n.a.
T 29	23 46	2 31	4 59	23 33	0 46	15 49	0 7	12 10	0 45	12 34	0 49	20 55	1 0	6 3	0 46	23 24	0 15	21 57	17 10	23 45	23 45	24 28			n.a.
W30	23 45	2n57	5 16	23 50	0 52	15 25	0 1	12 24	0 44	12 34	0 49	20 56	1 0	6 3	0 46	23 24	0 15	21 57	17 10	23 45	23 45	24 28			n.a.
T 31	23s44	8n 8	5n16	24s 5	0s59	15s 0	0n 6	12s38	0n44	12n33	0s49	20s57	1n 0	6n 3	0n46	23s24	0n15	21s56	17s 9	23s45	23s45	24n28			n.a.

Julian Day Number = 1490188.5, Delta T = 05h15m21s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°49'01, Lahiri = -12°42'01 Julian Calendar 1 Dec. 634 BCE == Greg. Calendar 24 Nov. 634 BCE

The year -633 astronomical counting style corresponds to year 634 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

JANUARY 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 11 47	4♉ 8'06	20♈43	18♐26	20♒40	5♏32	4°R50	8♐ 4	16°R40	5♉37	14♓23	2♉11	2♉14	21♊29	n.a.	F 1
S 2	6 15 44	5° 8'57	2♉57	19°58	21°35	6°13	4♉49	8°10	16♍39	5°39	14°24	2°11	2°11	21°36	n.a.	S 2
S 3	6 19 40	6° 9'47	14°59	21°31	22°29	6°54	4°48	8°17	16°39	5°42	14°24	2°11	2° 8	21°42	n.a.	S 3
M 4	6 23 37	7°10'35	26°53	23° 5	23°23	7°34	4°48	8°23	16°39	5°44	14°25	2°12	2° 4	21°49	n.a.	M 4
T 5	6 27 34	8°11'21	8♊42	24°40	24°16	8°15	4°47	8°30	16°38	5°46	14°26	2°12	2° 1	21°56	n.a.	T 5
W 6	6 31 30	9°12'06	20°30	26°16	25° 8	8°55	4°D47	8°36	16°38	5°49	14°26	2°13	1°58	22° 2	n.a.	W 6
T 7	6 35 27	10°12'49	2♋18	27°52	25°59	9°36	4°47	8°43	16°38	5°51	14°27	2°R13	1°55	22° 9	n.a.	T 7
F 8	6 39 23	11°13'31	14° 9	29°29	26°50	10°16	4°47	8°49	16°37	5°53	14°28	2°13	1°52	22°16	n.a.	F 8
S 9	6 43 20	12°14'11	26° 6	1♉ 7	27°40	10°57	4°48	8°55	16°36	5°55	14°29	2°12	1°49	22°22	n.a.	S 9
S 10	6 47 16	13°14'50	8♌10	2°46	28°29	11°38	4°48	9° 2	16°36	5°58	14°29	2°11	1°45	22°29	n.a.	S 10
M11	6 51 13	14°15'27	20°23	4°26	29°17	12°18	4°49	9° 8	16°35	6° 0	14°30	2° 9	1°42	22°35	n.a.	M11
T 12	6 55 9	15°16'03	2♍48	6° 6	0♓ 4	12°59	4°50	9°14	16°34	6° 2	14°31	2° 7	1°39	22°42	n.a.	T 12
W13	6 59 6	16°16'37	15°25	7°48	0°51	13°40	4°51	9°20	16°34	6° 4	14°32	2° 5	1°36	22°49	n.a.	W13
T 14	7 3 3	17°17'10	28°19	9°30	1°36	14°20	4°53	9°26	16°33	6° 7	14°33	2° 4	1°33	22°55	n.a.	T 14
F 15	7 6 59	18°17'41	11♎30	11°13	2°20	15° 1	4°54	9°32	16°32	6° 9	14°33	2° 3	1°29	23° 2	n.a.	F 15
S 16	7 10 56	19°18'11	25° 2	12°57	3° 4	15°42	4°56	9°38	16°31	6°11	14°34	2°D 3	1°26	23° 9	n.a.	S 16
S 17	7 14 52	20°18'40	8♏56	14°42	3°46	16°22	4°58	9°44	16°30	6°13	14°35	2° 4	1°23	23°15	n.a.	S 17
M18	7 18 49	21°19'07	23°10	16°28	4°27	17° 3	5° 0	9°50	16°29	6°16	14°36	2° 5	1°20	23°22	n.a.	M18
T 19	7 22 45	22°19'33	7♐45	18°15	5° 7	17°44	5° 3	9°56	16°28	6°18	14°37	2° 6	1°17	23°29	n.a.	T 19
W20	7 26 42	23°19'57	22°36	20° 3	5°45	18°25	5° 5	10° 2	16°26	6°20	14°38	2° 7	1°14	23°35	n.a.	W20
T 21	7 30 38	24°20'19	7♑36	21°51	6°23	19° 5	5° 8	10° 8	16°25	6°22	14°39	2°R 7	1°10	23°42	n.a.	T 21
F 22	7 34 35	25°20'40	22°39	23°41	6°59	19°46	5°11	10°13	16°24	6°24	14°40	2° 6	1° 7	23°49	n.a.	F 22
S 23	7 38 32	26°20'59	7♒34	25°32	7°33	20°27	5°14	10°19	16°23	6°27	14°41	2° 4	1° 4	23°55	n.a.	S 23
S 24	7 42 28	27°21'15	22°13	27°23	8° 6	21° 7	5°18	10°25	16°21	6°29	14°42	2° 1	1° 1	24° 2	n.a.	S 24
M25	7 46 25	28°21'30	6♓31	29°16	8°38	21°48	5°21	10°30	16°20	6°31	14°43	1°57	0°58	24° 9	n.a.	M25
T 26	7 50 21	29°21'42	20°23	1♒ 9	9° 8	22°29	5°25	10°36	16°19	6°33	14°44	1°53	0°55	24°15	n.a.	T 26
W27	7 54 18	0♒21'52	3♈47	3° 3	9°37	23°10	5°29	10°41	16°17	6°35	14°45	1°50	0°51	24°22	n.a.	W27
T 28	7 58 14	1°22'00	16°45	4°58	10° 3	23°50	5°33	10°46	16°16	6°37	14°46	1°47	0°48	24°28	n.a.	T 28
F 29	8 2 11	2°22'06	29°19	6°53	10°29	24°31	5°37	10°52	16°14	6°39	14°47	1°D46	0°45	24°35	n.a.	F 29
S 30	8 6 7	3°22'10	11♉35	8°49	10°52	25°12	5°42	10°57	16°12	6°41	14°48	1°46	0°42	24°42	n.a.	S 30
S 31	8 10 4	4♒22'11	23♉36	10♒45	11♓13	25♏52	5♉46	11♐ 2	16♍11	6♑44	14♓49	1♑48	0♑39	24♊48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s42	12n50	5n 2	24s20	1s 5	14s36	0n13	12s53	0n43	12n33	0s48	20s58	1n 0	6n 3	0n46	23s24	0n15	21s56	17s 9	23s45	23s45	24n27		n.a.
S 2	23 40	16 56	4 34	24 33	1 10	14 12	0 20	13 7	0 42	12 33	0 48	20 59	1 0	6 3	0 46	23 24	0 15	21 55	17 8	23 45	23 45	24 27		n.a.
S 3	23 38	20 16	3 54	24 45	1 16	13 47	0 27	13 21	0 42	12 33	0 48	21 0	1 0	6 3	0 46	23 24	0 15	21 55	17 8	23 45	23 45	24 26		n.a.
M 4	23 34	22 43	3 4	24 56	1 21	13 22	0 34	13 35	0 41	12 33	0 48	21 1	1 0	6 3	0 47	23 24	0 15	21 54	17 8	23 45	23 45	24 26		n.a.
T 5	23 31	24 9	2 7	25 6	1 26	12 58	0 42	13 49	0 41	12 33	0 47	21 2	1 0	6 3	0 47	23 24	0 15	21 54	17 7	23 45	23 45	24 25		n.a.
W 6	23 27	24 30	1 5	25 14	1 31	12 33	0 49	14 2	0 40	12 33	0 47	21 4	1 0	6 4	0 47	23 24	0 15	21 53	17 7	23 45	23 45	24 25		n.a.
T 7	23 22	23 45	0s 0	25 20	1 35	12 8	0 57	14 16	0 39	12 34	0 47	21 5	1 0	6 4	0 47	23 24	0 15	21 52	17 7	23 45	23 45	24 25		n.a.
F 8	23 17	21 55	1 6	25 25	1 39	11 43	1 5	14 30	0 39	12 34	0 46	21 6	1 0	6 4	0 47	23 24	0 15	21 52	17 6	23 45	23 45	24 24		n.a.
S 9	23 12	19 7	2 9	25 29	1 43	11 18	1 13	14 43	0 38	12 34	0 46	21 7	1 0	6 4	0 47	23 24	0 15	21 51	17 6	23 45	23 46	24 24		n.a.
S 10	23 6	15 28	3 7	25 31	1 46	10 54	1 21	14 56	0 37	12 35	0 46	21 8	1 0	6 5	0 47	23 23	0 15	21 51	17 6	23 45	23 46	24 23		n.a.
M11	23 0	11 9	3 57	25 31	1 50	10 29	1 30	15 10	0 37	12 35	0 46	21 9	1 0	6 5	0 47	23 23	0 15	21 50	17 5	23 45	23 46	24 23		n.a.
T 12	22 53	6 20	4 36	25 30	1 52	10 4	1 38	15 23	0 36	12 36	0 45	21 9	1 0	6 5	0 47	23 23	0 15	21 49	17 5	23 45	23 46	24 22		n.a.
W13	22 46	1 10	5 3	25 27	1 55	9 39	1 47	15 36	0 35	12 37	0 45	21 10	1 0	6 6	0 47	23 23	0 15	21 49	17 5	23 45	23 46	24 22		n.a.
T 14	22 38	4s 8	5 16	25 22	1 57	9 15	1 56	15 49	0 35	12 37	0 45	21 11	1 0	6 6	0 47	23 23	0 15	21 48	17 5	23 45	23 46	24 21		n.a.
F 15	22 30	9 23	5 12	25 16	1 59	8 50	2 5	16 2	0 34	12 38	0 45	21 12	1 0	6 6	0 47	23 23	0 15	21 48	17 4	23 45	23 46	24 21		n.a.
S 16	22 22	14 20	4 52	25 7	2 0	8 26	2 14	16 14	0 33	12 39	0 44	21 13	1 0	6 7	0 47	23 23	0 15	21 47	17 4	23 45	23 46	24 20		n.a.
S 17	22 13	18 40	4 14	24 57	2 1	8 2	2 24	16 27	0 32	12 40	0 44	21 14	1 0	6 7	0 47	23 23	0 15	21 46	17 4	23 45	23 46	24 20		n.a.
M18	22 3	22 2	3 19	24 45	2 1	7 38	2 33	16 39	0 32	12 41	0 44	21 15	1 0	6 8	0 47	23 23	0 15	21 46	17 3	23 45	23 46	24 19		n.a.
T 19	21 54	24 3	2 11	24 31	2 1	7 15	2 43	16 52	0 31	12 42	0 44	21 16	1 0	6 8	0 47	23 23	0 15	21 45	17 3	23 45	23 46	24 18		n.a.
W20	21 43	24 26	0 52	24 15	2 1	6 51	2 53	17 4	0 30	12 43	0 43	21 17	1 0	6 9	0 47	23 22	0 15	21 44	17 3	23 45	23 46	24 18		n.a.
T 21	21 33	23 3	0n30	23 57	2 0	6 28	3 2	17 16	0 29	12 44	0 43	21 18	1 0	6 9	0 47	23 22	0 15	21 44	17 2	23 45	23 46	24 17		n.a.
F 22	21 22	20 1	1 51	23 37	1 59	6 6	3 13	17 28	0 29	12 46	0 43	21 18	1 0	6 10	0 47	23 22	0 15	21 43	17 2	23 45	23 46	24 17		n.a.
S 23	21 10	15 41	3 3	23 14	1 57	5 43	3 23	17 40	0 28	12 47	0 42	21 19	1 0	6 10	0 47	23 22	0 15	21 42	17 2	23 45	23 46	24 16		n.a.
S 24	20 59	10 29	4 2	22 50	1 54	5 21	3 33	17 51	0 27	12 48	0 42	21 20	1 0	6 11	0 47	23 22	0 15	21 42	17 2	23 45	23 46	24 16		n.a.
M25	20 47	4 51	4 44	22 24	1 51	5 0	3 43	18 3	0 26	12 50	0 42	21 21	1 0	6 11	0 47	23 22	0 15	21 41	17 1	23 45	23 46	24 15		n.a.
T 26	20 34	0n51	5 8	21 56	1 48	4 39	3 54	18 14	0 25	12 51	0 42	21 22	1 0	6 12	0 47	23 22	0 15	21 40	17 1	23 45	23 46	24 15		n.a.
W27	20 21	6 19	5 14	21 26	1 44	4 18	4 5	18 26	0 24	12 53	0 41	21 22	1 0	6 13	0 47	23 22	0 15	21 40	17 1	23 46	23 46	24 14		n.a.
T 28	20 8	11 20	5 4	20 53	1 39	3 58	4 15	18 37	0 24	12 54	0 41	21 23	1 0	6 13	0 47	23 22	0 15	21 39	17 1	23 46	23 46	24 13		n.a.
F 29	19 54	15 43	4 39	20 19	1 34	3 39	4 26	18 48	0 23	12 56	0 41	21 24	1 0	6 14	0 47	23 22	0 15	21 39	17 0	23 46	23 46	24 13		n.a.
S 30	19 40	19 20	4 2	19 43	1 28	3 20	4 37	18 59	0 22	12 58	0 41	21 25	1 0	6 15	0 47	23 21	0 15	21 38	17 0	23 46	23 46	24 12		n.a.
S 31	19s26	22n 4	3n15	19s 5	1s21	3s 1	4n48	19s 9	0n21	13n 0	0s40	21s25	1n 0	6n15	0n47	23s21	0n14	21s37	17s 0	23s46	23s46	24n12		n.a.

Julian Day Number = 1490219.5, Delta T = 05h15m20s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'57, Lahiri = -12°41'56 Julian Calendar 1 Jan. 633 BCE == Greg. Calendar 25 Dec. 634 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

FEBRUARY 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 14 1	5♒22'10	5♊27	12♒41	11♓33	26♏33	5♉51	11♐ 7	16°R 9	6♑46	14♓51	1♑50	0♑35	24♊55	n.a.	M 1
T 2	8 17 57	6°22'07	17°14	14°37	11°50	27°14	5°56	11°12	16♏ 7	6°48	14°52	1°51	0°32	25° 2	n.a.	T 2
W 3	8 21 54	7°22'01	29° 1	16°33	12° 5	27°55	6° 1	11°17	16° 5	6°50	14°53	1°R52	0°29	25° 8	n.a.	W 3
T 4	8 25 50	8°21'54	10♋52	18°29	12°19	28°35	6° 6	11°22	16° 4	6°52	14°54	1°52	0°26	25°15	n.a.	T 4
F 5	8 29 47	9°21'44	22°49	20°23	12°30	29°16	6°12	11°27	16° 2	6°54	14°55	1°50	0°23	25°22	n.a.	F 5
S 6	8 33 43	10°21'32	4♌56	22°17	12°38	29°57	6°18	11°31	16° 0	6°56	14°56	1°46	0°20	25°28	n.a.	S 6
S 7	8 37 40	11°21'17	17°13	24° 9	12°45	0♐38	6°23	11°36	15°58	6°58	14°58	1°40	0°16	25°35	n.a.	S 7
M 8	8 41 36	12°21'01	29°43	25°59	12°49	1°18	6°29	11°41	15°56	7° 0	14°59	1°33	0°13	25°42	n.a.	M 8
T 9	8 45 33	13°20'42	12♍25	27°46	12°R51	1°59	6°35	11°45	15°54	7° 2	15° 0	1°25	0°10	25°48	n.a.	T 9
W10	8 49 30	14°20'22	25°20	29°31	12°50	2°40	6°42	11°50	15°52	7° 3	15° 1	1°18	0° 7	25°55	n.a.	W10
T 11	8 53 26	15°19'59	8♎27	1♓12	12°47	3°20	6°48	11°54	15°50	7° 5	15° 3	1°12	0° 4	26° 1	n.a.	T 11
F 12	8 57 23	16°19'35	21°48	2°50	12°41	4° 1	6°55	11°58	15°48	7° 7	15° 4	1° 7	0° 1	26° 8	n.a.	F 12
S 13	9 1 19	17°19'09	5♏22	4°23	12°33	4°42	7° 1	12° 3	15°46	7° 9	15° 5	1° 4	29♐57	26°15	n.a.	S 13
S 14	9 5 16	18°18'41	19°10	5°51	12°22	5°23	7° 8	12° 7	15°43	7°11	15° 6	1°D 4	29°54	26°21	n.a.	S 14
M15	9 9 12	19°18'11	3♐12	7°14	12° 9	6° 3	7°15	12°11	15°41	7°13	15° 8	1° 4	29°51	26°28	n.a.	M15
T 16	9 13 9	20°17'40	17°28	8°32	11°54	6°44	7°23	12°15	15°39	7°15	15° 9	1° 5	29°48	26°35	n.a.	T 16
W17	9 17 5	21°17'06	1♑55	9°43	11°36	7°25	7°30	12°19	15°37	7°16	15°10	1°R 6	29°45	26°41	n.a.	W17
T 18	9 21 2	22°16'31	16°31	10°48	11°15	8° 6	7°37	12°23	15°35	7°18	15°12	1° 5	29°41	26°48	n.a.	T 18
F 19	9 24 58	23°15'54	1♒11	11°47	10°53	8°46	7°45	12°27	15°32	7°20	15°13	1° 2	29°38	26°55	n.a.	F 19
S 20	9 28 55	24°15'14	15°49	12°38	10°28	9°27	7°53	12°30	15°30	7°22	15°14	0°56	29°35	27° 1	n.a.	S 20
S 21	9 32 52	25°14'33	0♓17	13°22	10° 1	10° 8	8° 1	12°34	15°28	7°23	15°16	0°48	29°32	27° 8	n.a.	S 21
M22	9 36 48	26°13'49	14°28	13°59	9°32	10°48	8° 9	12°37	15°25	7°25	15°17	0°39	29°29	27°15	n.a.	M22
T 23	9 40 45	27°13'03	28°18	14°29	9° 1	11°29	8°17	12°41	15°23	7°26	15°18	0°30	29°26	27°21	n.a.	T 23
W24	9 44 41	28°12'14	11♈44	14°50	8°28	12° 9	8°25	12°44	15°20	7°28	15°20	0°21	29°22	27°28	n.a.	W24
T 25	9 48 38	29°11'23	24°45	15° 5	7°54	12°50	8°33	12°47	15°18	7°30	15°21	0°14	29°19	27°35	n.a.	T 25
F 26	9 52 34	0♓10'30	7♉23	15°R12	7°19	13°31	8°42	12°51	15°16	7°31	15°22	0° 9	29°16	27°41	n.a.	F 26
S 27	9 56 31	1° 9'35	19°40	15°11	6°43	14°11	8°51	12°54	15°13	7°33	15°24	0° 7	29°13	27°48	n.a.	S 27
S 28	10 0 27	2° 8'37	1♊43	15° 4	6° 6	14°52	9° 0	12°57	15°11	7°34	15°25	0°D 6	29°10	27°54	n.a.	S 28
M29	10 4 24	3♓ 7'36	13♊35	14♓50	5♓28	15♐32	9♉ 8	13♐ 0	15♏ 8	7♑36	15♓27	0♑ 6	29♐ 6	28♊ 1	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s11	23n48	2n20	18s25	1s14	2s44	4n59	19s20	0n20	13n 1	0s40	21s26	1n 0	6n16	0n48	23s21	0n14	21s37	17s 0	23s46	23s46	24n11		n.a.
T 2	18 56	24 28	1 19	17 43	1 6	2 27	5 10	19 30	0 19	13 3	0 40	21 27	1 0	6 17	0 48	23 21	0 14	21 36	16 59	23 45	23 46	24 10		n.a.
W 3	18 41	24 2	0 16	17 0	0 57	2 11	5 21	19 40	0 18	13 5	0 40	21 28	1 0	6 17	0 48	23 21	0 14	21 35	16 59	23 45	23 46	24 10		n.a.
T 4	18 25	22 30	0s49	16 15	0 48	1 56	5 32	19 51	0 17	13 7	0 39	21 28	1 0	6 18	0 48	23 21	0 14	21 35	16 59	23 45	23 46	24 9		n.a.
F 5	18 10	19 58	1 52	15 29	0 38	1 41	5 43	20 0	0 16	13 9	0 39	21 29	1 0	6 19	0 48	23 21	0 14	21 34	16 59	23 46	23 46	24 8		n.a.
S 6	17 53	16 33	2 50	14 43	0 27	1 28	5 54	20 10	0 15	13 11	0 39	21 30	1 0	6 20	0 48	23 21	0 14	21 33	16 59	23 46	23 46	24 8		n.a.
S 7	17 37	12 22	3 42	13 55	0 16	1 15	6 5	20 20	0 14	13 14	0 39	21 30	1 0	6 20	0 48	23 21	0 14	21 33	16 58	23 46	23 46	24 7		n.a.
M 8	17 20	7 37	4 23	13 7	0 5	1 4	6 16	20 29	0 13	13 16	0 39	21 31	1 0	6 21	0 48	23 21	0 14	21 32	16 58	23 46	23 46	24 6		n.a.
T 9	17 3	2 30	4 52	12 18	0n 7	0 53	6 26	20 39	0 12	13 18	0 38	21 31	1 0	6 22	0 48	23 21	0 14	21 31	16 58	23 46	23 46	24 6		n.a.
W10	16 45	2s49	5 7	11 29	0 20	0 44	6 37	20 48	0 11	13 20	0 38	21 32	1 0	6 23	0 48	23 20	0 14	21 31	16 58	23 46	23 46	24 5		n.a.
T 11	16 28	8 5	5 7	10 41	0 33	0 36	6 47	20 57	0 10	13 23	0 38	21 33	1 0	6 24	0 48	23 20	0 14	21 30	16 58	23 46	23 46	24 4		n.a.
F 12	16 10	13 4	4 49	9 54	0 46	0 29	6 57	21 6	0 9	13 25	0 38	21 33	1 0	6 25	0 48	23 20	0 14	21 29	16 57	23 46	23 46	24 4		n.a.
S 13	15 52	17 30	4 16	9 7	0 59	0 23	7 7	21 14	0 8	13 28	0 37	21 34	1 0	6 25	0 48	23 20	0 14	21 29	16 57	23 46	23 46	24 3		n.a.
S 14	15 33	21 4	3 27	8 22	1 13	0 18	7 16	21 23	0 7	13 30	0 37	21 34	1 0	6 26	0 48	23 20	0 14	21 28	16 57	23 46	23 46	24 2		n.a.
M15	15 14	23 27	2 25	7 38	1 26	0 15	7 25	21 31	0 6	13 33	0 37	21 35	1 0	6 27	0 48	23 20	0 14	21 27	16 57	23 46	23 46	24 2		n.a.
T 16	14 55	24 23	1 13	6 57	1 40	0 13	7 34	21 39	0 5	13 35	0 37	21 35	1 0	6 28	0 48	23 20	0 14	21 27	16 57	23 46	23 46	24 1		n.a.
W17	14 36	23 41	0n 4	6 18	1 53	0 12	7 42	21 47	0 4	13 38	0 37	21 36	1 0	6 29	0 48	23 20	0 14	21 26	16 57	23 46	23 46	24 0		n.a.
T 18	14 17	21 22	1 22	5 41	2 6	0 13	7 49	21 55	0 3	13 40	0 36	21 36	1 0	6 30	0 48	23 20	0 14	21 25	16 56	23 46	23 46	24 0		n.a.
F 19	13 57	17 39	2 35	5 7	2 18	0 15	7 56	22 3	0 2	13 43	0 36	21 37	1 0	6 31	0 48	23 20	0 14	21 25	16 56	23 46	23 46	23 59		n.a.
S 20	13 37	12 52	3 37	4 36	2 30	0 18	8 3	22 10	0 1	13 46	0 36	21 37	1 0	6 32	0 48	23 20	0 14	21 24	16 56	23 46	23 46	23 58		n.a.
S 21	13 17	7 25	4 24	4 9	2 41	0 23	8 9	22 17	0s 1	13 49	0 36	21 38	1 0	6 33	0 48	23 19	0 14	21 23	16 56	23 46	23 46	23 57		n.a.
M22	12 57	1 41	4 54	3 45	2 52	0 30	8 13	22 24	0 2	13 51	0 35	21 38	1 0	6 34	0 48	23 19	0 14	21 23	16 56	23 46	23 46	23 57		n.a.
T 23	12 36	3n58	5 5	3 24	3 1	0 37	8 18	22 31	0 3	13 54	0 35	21 38	1 0	6 34	0 48	23 19	0 14	21 22	16 56	23 46	23 46	23 56		n.a.
W24	12 16	9 17	5 0	3 8	3 10	0 46	8 21	22 38	0 4	13 57	0 35	21 39	1 0	6 35	0 48	23 19	0 14	21 21	16 56	23 46	23 46	23 55		n.a.
T 25	11 55	14 1	4 38	2 55	3 18	0 56	8 24	22 44	0 5	14 0	0 35	21 39	1 0	6 36	0 48	23 19	0 14	21 21	16 56	23 46	23 46	23 54		n.a.
F 26	11 34	18 0	4 4	2 47	3 24	1 8	8 25	22 51	0 7	14 3	0 35	21 40	1 0	6 37	0 48	23 19	0 14	21 20	16 55	23 46	23 46	23 54		n.a.
S 27	11 13	21 5	3 19	2 43	3 29	1 20	8 26	22 57	0 8	14 6	0 34	21 40	1 0	6 38	0 48	23 19	0 14	21 19	16 55	23 46	23 46	23 53		n.a.
S 28	10 51	23 10	2 26	2 42	3 32	1 34	8 26	23 3	0 9	14 9	0 34	21 40	1 0	6 39	0 48	23 19	0 14	21 19	16 55	23 46	23 46	23 52		n.a.
M29	10s30	24n11	1n27	2s46	3n34	1s49	8n25	23s 9	0s10	14n12	0s34	21s41	1n 0	6n40	0n48	23s19	0n14	21s18	16s55	23s46	23s46	23n51		n.a.

Julian Day Number = 1490250.5, Delta T = 05h15m18s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'53, Lahiri = -12°41'52 Julian Calendar 1 Feb. 633 BCE == Greg. Calendar 25 Jan. 633 BCE

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

MARCH 633 BCE (-632) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 8 21	4♓ 6'34	25♊23	14°R30	4°R50	16♐13	9♉17	13♐ 2	15°R 6	7♑37	15♓28	0°R 7	29♐ 3	28♊ 8	n.a.	T 1
W 2	10 12 17	5° 5'28	7♋11	14♓ 4	4♓12	16°53	9°27	13° 5	15♍ 3	7°39	15°29	0♑ 7	29° 0	28°14	n.a.	W 2
T 3	10 16 14	6° 4'21	19° 5	13°32	3°34	17°34	9°36	13° 8	15° 1	7°40	15°31	0° 5	28°57	28°21	n.a.	T 3
F 4	10 20 10	7° 3'11	1♌ 8	12°56	2°56	18°14	9°45	13°10	14°58	7°41	15°32	0° 1	28°54	28°28	n.a.	F 4
S 5	10 24 7	8° 1'59	13°25	12°17	2°19	18°55	9°55	13°13	14°56	7°43	15°34	29♐54	28°51	28°34	n.a.	S 5
S 6	10 28 3	9° 0'45	25°56	11°34	1°43	19°35	10° 4	13°15	14°53	7°44	15°35	29°45	28°47	28°41	n.a.	S 6
M 7	10 32 0	9°59'28	8♍44	10°50	1° 8	20°15	10°14	13°17	14°50	7°45	15°36	29°34	28°44	28°48	n.a.	M 7
T 8	10 35 56	10°58'09	21°47	10° 4	0°35	20°56	10°24	13°20	14°48	7°47	15°38	29°22	28°41	28°54	n.a.	T 8
W 9	10 39 53	11°56'48	5♎ 5	9°18	0° 3	21°36	10°34	13°22	14°45	7°48	15°39	29°10	28°38	29° 1	n.a.	W 9
T 10	10 43 49	12°55'26	18°35	8°33	29♒32	22°16	10°44	13°24	14°43	7°49	15°41	29° 0	28°35	29° 8	n.a.	T 10
F 11	10 47 46	13°54'01	2♏15	7°49	29° 4	22°57	10°54	13°26	14°40	7°50	15°42	28°51	28°32	29°14	n.a.	F 11
S 12	10 51 43	14°52'35	16° 3	7° 7	28°38	23°37	11° 4	13°28	14°38	7°52	15°43	28°46	28°28	29°21	n.a.	S 12
S 13	10 55 39	15°51'07	29°59	6°28	28°13	24°17	11°15	13°29	14°35	7°53	15°45	28°43	28°25	29°27	n.a.	S 13
M14	10 59 36	16°49'37	14♐ 0	5°52	27°51	24°58	11°25	13°31	14°32	7°54	15°46	28°D43	28°22	29°34	n.a.	M14
T 15	11 3 32	17°48'06	28° 7	5°21	27°32	25°38	11°36	13°32	14°30	7°55	15°48	28°R43	28°19	29°41	n.a.	T 15
W16	11 7 29	18°46'33	12♑18	4°53	27°15	26°18	11°46	13°34	14°27	7°56	15°49	28°42	28°16	29°47	n.a.	W16
T 17	11 11 25	19°44'58	26°31	4°31	27° 0	26°58	11°57	13°35	14°25	7°57	15°51	28°40	28°12	29°54	n.a.	T 17
F 18	11 15 22	20°43'21	10♒46	4°13	26°47	27°38	12° 8	13°36	14°22	7°58	15°52	28°35	28° 9	0♋ 1	n.a.	F 18
S 19	11 19 18	21°41'43	24°58	3°59	26°38	28°18	12°19	13°38	14°20	7°59	15°53	28°28	28° 6	0° 7	n.a.	S 19
S 20	11 23 15	22°40'03	9♓ 2	3°51	26°30	28°58	12°30	13°39	14°17	8° 0	15°55	28°18	28° 3	0°14	n.a.	S 20
M21	11 27 12	23°38'21	22°53	3°D48	26°25	29°38	12°41	13°40	14°15	8° 1	15°56	28° 6	28° 0	0°21	n.a.	M21
T 22	11 31 8	24°36'37	6♈29	3°50	26°22	0♑18	12°52	13°40	14°12	8° 2	15°58	27°53	27°57	0°27	n.a.	T 22
W23	11 35 5	25°34'51	19°45	3°57	26°D22	0°58	13° 3	13°41	14° 9	8° 2	15°59	27°41	27°53	0°34	n.a.	W23
T 24	11 39 1	26°33'03	2♉40	4° 9	26°24	1°38	13°14	13°42	14° 7	8° 3	16° 0	27°31	27°50	0°41	n.a.	T 24
F 25	11 42 58	27°31'13	15°15	4°26	26°29	2°17	13°26	13°42	14° 4	8° 4	16° 2	27°24	27°47	0°47	n.a.	F 25
S 26	11 46 54	28°29'21	27°32	4°47	26°35	2°57	13°37	13°43	14° 2	8° 5	16° 3	27°19	27°44	0°54	n.a.	S 26
S 27	11 50 51	29°27'27	9♊35	5°12	26°44	3°37	13°49	13°43	14° 0	8° 5	16° 5	27°17	27°41	1° 1	n.a.	S 27
M28	11 54 47	0♈25'31	21°28	5°42	26°55	4°16	14° 0	13°43	13°57	8° 6	16° 6	27°16	27°38	1° 7	n.a.	M28
T 29	11 58 44	1°23'33	3♋16	6°16	27° 8	4°56	14°12	13°44	13°55	8° 7	16° 7	27°16	27°34	1°14	n.a.	T 29
W30	12 2 40	2°21'33	15° 6	6°54	27°23	5°35	14°24	13°R44	13°52	8° 7	16° 9	27°15	27°31	1°20	n.a.	W30
T 31	12 6 37	3♈19'32	27♋ 2	7♓35	27♒40	6♑15	14♉36	13♐44	13♍50	8♑ 8	16♓10	27♐13	27♐28	1♋27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10s 8	24n 7	0n25	2s53	3n35	2s 5	8n23	23s14	0s12	14n15	0s34	21s41	1n 0	6n41	0n48	23s19	0n14	21s17	16s55	23s46	23s46	23n50			n.a.
W 2	9 46	22 57	0s38	3 5	3 34	2 21	8 20	23 20	0 13	14 19	0 34	21 41	1 0	6 42	0 48	23 19	0 14	21 17	16 55	23 46	23 46	23 50			n.a.
T 3	9 25	20 45	1 39	3 19	3 31	2 39	8 16	23 25	0 14	14 22	0 33	21 42	1 0	6 43	0 48	23 19	0 14	21 16	16 55	23 46	23 46	23 49			n.a.
F 4	9 3	17 37	2 37	3 37	3 26	2 56	8 11	23 30	0 16	14 25	0 33	21 42	1 0	6 44	0 48	23 18	0 14	21 16	16 55	23 46	23 46	23 48			n.a.
S 5	8 40	13 41	3 29	3 58	3 20	3 15	8 5	23 35	0 17	14 28	0 33	21 42	1 0	6 45	0 48	23 18	0 14	21 15	16 55	23 46	23 46	23 47			n.a.
S 6	8 18	9 6	4 12	4 22	3 12	3 34	7 59	23 40	0 18	14 31	0 33	21 43	1 0	6 46	0 48	23 18	0 14	21 14	16 55	23 46	23 46	23 46			n.a.
M 7	7 56	4 3	4 42	4 47	3 3	3 53	7 51	23 44	0 20	14 35	0 33	21 43	1 0	6 47	0 48	23 18	0 14	21 14	16 55	23 46	23 46	23 46			n.a.
T 8	7 33	1s16	4 59	5 15	2 52	4 12	7 43	23 48	0 21	14 38	0 32	21 43	1 0	6 48	0 48	23 18	0 14	21 13	16 55	23 46	23 46	23 45			n.a.
W 9	7 11	6 37	5 0	5 43	2 40	4 31	7 35	23 53	0 22	14 41	0 32	21 43	1 0	6 49	0 48	23 18	0 14	21 13	16 55	23 46	23 46	23 44			n.a.
T 10	6 48	11 45	4 45	6 12	2 27	4 51	7 25	23 56	0 24	14 45	0 32	21 44	1 0	6 50	0 48	23 18	0 14	21 12	16 55	23 46	23 46	23 43			n.a.
F 11	6 25	16 22	4 13	6 42	2 13	5 10	7 15	24 0	0 25	14 48	0 32	21 44	1 0	6 51	0 48	23 18	0 14	21 11	16 55	23 46	23 46	23 42			n.a.
S 12	6 2	20 9	3 26	7 11	1 58	5 29	7 5	24 4	0 27	14 51	0 32	21 44	1 0	6 52	0 48	23 18	0 14	21 11	16 55	23 46	23 46	23 41			n.a.
S 13	5 39	22 48	2 26	7 40	1 43	5 47	6 54	24 7	0 28	14 55	0 32	21 44	1 0	6 53	0 48	23 18	0 14	21 10	16 55	23 46	23 46	23 41			n.a.
M14	5 16	24 4	1 17	8 8	1 27	6 6	6 42	24 10	0 30	14 58	0 31	21 44	1 0	6 54	0 48	23 18	0 14	21 10	16 55	23 46	23 46	23 40			n.a.
T 15	4 53	23 49	0 3	8 35	1 11	6 23	6 31	24 13	0 31	15 2	0 31	21 44	1 0	6 55	0 48	23 18	0 14	21 9	16 55	23 46	23 46	23 39			n.a.
W16	4 30	22 1	1n11	9 0	0 55	6 40	6 19	24 16	0 33	15 5	0 31	21 45	1 0	6 56	0 48	23 18	0 14	21 8	16 55	23 46	23 46	23 38			n.a.
T 17	4 7	18 50	2 22	9 23	0 39	6 57	6 6	24 18	0 34	15 9	0 31	21 45	1 1	6 57	0 48	23 18	0 14	21 8	16 55	23 46	23 46	23 37			n.a.
F 18	3 44	14 31	3 23	9 45	0 23	7 13	5 54	24 21	0 36	15 12	0 31	21 45	1 1	6 58	0 48	23 18	0 14	21 7	16 55	23 46	23 46	23 36			n.a.
S 19	3 20	9 26	4 11	10 4	0 7	7 28	5 41	24 23	0 37	15 16	0 30	21 45	1 1	6 59	0 48	23 17	0 14	21 7	16 55	23 46	23 45	23 35			n.a.
S 20	2 57	3 55	4 44	10 21	0s 8	7 43	5 28	24 25	0 39	15 19	0 30	21 45	1 1	7 0	0 48	23 17	0 14	21 6	16 55	23 46	23 45	23 34			n.a.
M21	2 34	1n43	4 59	10 36	0 23	7 56	5 16	24 27	0 41	15 23	0 30	21 45	1 1	7 1	0 48	23 17	0 14	21 6	16 55	23 45	23 45	23 34			n.a.
T 22	2 10	7 9	4 57	10 48	0 37	8 9	5 3	24 28	0 42	15 26	0 30	21 45	1 1	7 2	0 48	23 17	0 14	21 5	16 55	23 45	23 45	23 33			n.a.
W23	1 47	12 7	4 39	10 58	0 50	8 21	4 50	24 30	0 44	15 30	0 30	21 45	1 1	7 3	0 48	23 17	0 14	21 5	16 55	23 45	23 45	23 32			n.a.
T 24	1 23	16 25	4 7	11 6	1 3	8 33	4 37	24 31	0 45	15 34	0 30	21 45	1 1	7 4	0 48	23 17	0 14	21 4	16 55	23 45	23 45	23 31			n.a.
F 25	1 0	19 52	3 23	11 11	1 15	8 43	4 25	24 32	0 47	15 37	0 29	21 45	1 1	7 5	0 48	23 17	0 14	21 4	16 55	23 45	23 45	23 30			n.a.
S 26	0 37	22 19	2 31	11 14	1 27	8 53	4 12	24 33	0 49	15 41	0 29	21 45	1 1	7 6	0 48	23 17	0 14	21 3	16 55	23 45	23 45	23 29			n.a.
S 27	0 13	23 43	1 32	11 15	1 38	9 2	3 59	24 34	0 50	15 44	0 29	21 46	1 1	7 7	0 48	23 17	0 14	21 3	16 55	23 45	23 45	23 28			n.a.
M28	0n10	24 0	0 31	11 13	1 48	9 10	3 47	24 34	0 52	15 48	0 29	21 46	1 1	7 8	0 48	23 17	0 14	21 2	16 55	23 45	23 45	23 27			n.a.
T 29	0 34	23 12	0s32	11 9	1 57	9 17	3 35	24 35	0 54	15 52	0 29	21 46	1 1	7 9	0 48	23 17	0 14	21 2	16 55	23 45	23 45	23 26			n.a.
W30	0 57	21 22	1 33	11 3	2 6	9 23	3 23	24 35	0 56	15 55	0 29	21 46	1 1	7 10	0 48	23 17	0 14	21 1	16 55	23 45	23 45	23 25			n.a.
T 31	1n20	18n35	2s31	10s54	2s14	9s28	3n11	24s35	0s57	15n59	0s28	21s45	1n 1	7n11	0n48	23s17	0n14	21s 1	16s55	23s45	23s45	23n24			n.a.

Julian Day Number = 1490279.5, Delta T = 05h15m17s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'49, Lahiri = -12°41'48 Julian Calendar 1 March 633 BCE == Greg. Calendar 23 Feb. 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

APRIL 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 10 34	4♈17'28	9♌ 9	8♓20	27♒59	6♉54	14♉47	13°R44	13°R48	8♉ 8	16♓11	27°R 9	27♐25	1♋34	n.a.	F 1
S 2	12 14 30	5°15'22	21°32	9° 9	28°19	7°34	14°59	13♐43	13♍45	8° 9	16°13	27♐ 3	27°22	1°40	n.a.	S 2
S 3	12 18 27	6°13'14	4♍14	10° 1	28°42	8°13	15°11	13°43	13°43	8° 9	16°14	26°54	27°18	1°47	n.a.	S 3
M 4	12 22 23	7°11'04	17°16	10°56	29° 6	8°52	15°24	13°43	13°41	8°10	16°15	26°43	27°15	1°54	n.a.	M 4
T 5	12 26 20	8° 8'53	0♎38	11°55	29°32	9°31	15°36	13°42	13°38	8°10	16°17	26°31	27°12	2° 0	n.a.	T 5
W 6	12 30 16	9° 6'40	14°18	12°56	29°59	10°10	15°48	13°41	13°36	8°11	16°18	26°19	27° 9	2° 7	n.a.	W 6
T 7	12 34 13	10° 4'26	28°13	14° 0	0♓28	10°49	16° 0	13°41	13°34	8°11	16°19	26° 9	27° 6	2°14	n.a.	T 7
F 8	12 38 9	11° 2'10	12♏18	15° 8	0°59	11°28	16°12	13°40	13°32	8°11	16°21	26° 1	27° 3	2°20	n.a.	F 8
S 9	12 42 6	11°59'53	26°30	16°17	1°31	12° 7	16°25	13°39	13°29	8°11	16°22	25°55	26°59	2°27	n.a.	S 9
S 10	12 46 3	12°57'34	10♐44	17°30	2° 4	12°46	16°37	13°38	13°27	8°12	16°23	25°53	26°56	2°34	n.a.	S 10
M11	12 49 59	13°55'15	24°57	18°45	2°38	13°24	16°50	13°37	13°25	8°12	16°25	25°D52	26°53	2°40	n.a.	M11
T 12	12 53 56	14°52'54	9♑ 7	20° 3	3°14	14° 3	17° 2	13°36	13°23	8°12	16°26	25°R52	26°50	2°47	n.a.	T 12
W13	12 57 52	15°50'32	23°13	21°23	3°51	14°42	17°15	13°35	13°21	8°12	16°27	25°52	26°47	2°53	n.a.	W13
T 14	13 1 49	16°48'09	7♒14	22°45	4°29	15°20	17°28	13°33	13°19	8°12	16°28	25°50	26°43	3° 0	n.a.	T 14
F 15	13 5 45	17°45'45	21° 9	24°10	5° 9	15°58	17°40	13°32	13°17	8°12	16°30	25°47	26°40	3° 7	n.a.	F 15
S 16	13 9 42	18°43'20	4♓57	25°38	5°49	16°37	17°53	13°30	13°15	8°12	16°31	25°40	26°37	3°13	n.a.	S 16
S 17	13 13 38	19°40'53	18°35	27° 8	6°31	17°15	18° 6	13°29	13°13	8°R13	16°32	25°32	26°34	3°20	n.a.	S 17
M18	13 17 35	20°38'26	2♈ 2	28°40	7°13	17°53	18°19	13°27	13°11	8°12	16°33	25°21	26°31	3°27	n.a.	M18
T 19	13 21 32	21°35'57	15°15	0♈14	7°56	18°31	18°31	13°25	13°10	8°12	16°35	25°10	26°28	3°33	n.a.	T 19
W20	13 25 28	22°33'28	28°13	1°51	8°41	19° 8	18°44	13°23	13° 8	8°12	16°36	25° 0	26°24	3°40	n.a.	W20
T 21	13 29 25	23°30'57	10♉55	3°29	9°26	19°46	18°57	13°21	13° 6	8°12	16°37	24°51	26°21	3°47	n.a.	T 21
F 22	13 33 21	24°28'24	23°21	5°11	10°12	20°24	19°10	13°19	13° 4	8°12	16°38	24°45	26°18	3°53	n.a.	F 22
S 23	13 37 18	25°25'51	5♊32	6°54	10°59	21° 1	19°23	13°17	13° 3	8°12	16°39	24°41	26°15	4° 0	n.a.	S 23
S 24	13 41 14	26°23'16	17°32	8°40	11°46	21°38	19°36	13°15	13° 1	8°12	16°40	24°39	26°12	4° 7	n.a.	S 24
M25	13 45 11	27°20'40	29°23	10°28	12°35	22°16	19°50	13°12	12°59	8°11	16°42	24°D38	26° 9	4°13	n.a.	M25
T 26	13 49 7	28°18'03	11♋11	12°18	13°24	22°53	20° 3	13°10	12°58	8°11	16°43	24°39	26° 5	4°20	n.a.	T 26
W27	13 53 4	29°15'24	23° 1	14°11	14°13	23°30	20°16	13° 8	12°56	8°11	16°44	24°40	26° 2	4°27	n.a.	W27
T 28	13 57 1	0♉12'45	4♌57	16° 5	15° 4	24° 6	20°29	13° 5	12°55	8°11	16°45	24°R40	25°59	4°33	n.a.	T 28
F 29	14 0 57	1°10'03	17° 5	18° 2	15°55	24°43	20°42	13° 2	12°53	8°10	16°46	24°39	25°56	4°40	n.a.	F 29
S 30	14 4 54	2♉ 7'21	29♌30	20♈ 1	16♓46	25♉20	20♉56	13♐ 0	12♍52	8♉10	16♓47	24♐35	25♐53	4♋46	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n44	14n58	3s23	10s44	2s21	9s33	2n59	24s34	0s59	16n 3	0s28	21s45	1n 1	7n12	0n48	23s17	0n14	21s 0	16s55	23s44	23s45	23n23		n.a.
S 2	2 7	10 39	4 6	10 31	2 27	9 36	2 48	24 34	1 1	16 7	0 28	21 45	1 1	7 13	0 48	23 17	0 14	21 0	16 56	23 44	23 45	23 22		n.a.
S 3	2 30	5 47	4 38	10 16	2 33	9 39	2 36	24 34	1 3	16 10	0 28	21 45	1 1	7 13	0 48	23 17	0 14	20 59	16 56	23 44	23 45	23 21		n.a.
M 4	2 53	0 33	4 57	10 0	2 38	9 41	2 25	24 33	1 5	16 14	0 28	21 45	1 1	7 14	0 48	23 17	0 14	20 59	16 56	23 44	23 45	23 20		n.a.
T 5	3 16	4s50	5 0	9 41	2 42	9 42	2 14	24 32	1 7	16 18	0 28	21 45	1 1	7 15	0 48	23 17	0 14	20 59	16 56	23 43	23 44	23 19		n.a.
W 6	3 40	10 6	4 47	9 20	2 46	9 42	2 4	24 31	1 8	16 21	0 28	21 45	1 1	7 16	0 48	23 17	0 14	20 58	16 56	23 43	23 44	23 18		n.a.
T 7	4 3	14 57	4 16	8 58	2 49	9 42	1 53	24 29	1 10	16 25	0 27	21 45	1 1	7 17	0 48	23 17	0 14	20 58	16 56	23 43	23 44	23 17		n.a.
F 8	4 26	19 3	3 29	8 33	2 51	9 41	1 43	24 28	1 12	16 29	0 27	21 45	1 1	7 18	0 48	23 17	0 14	20 57	16 56	23 43	23 44	23 16		n.a.
S 9	4 48	22 3	2 29	8 7	2 52	9 38	1 33	24 26	1 14	16 33	0 27	21 45	1 1	7 19	0 48	23 17	0 14	20 57	16 56	23 42	23 44	23 15		n.a.
S 10	5 11	23 41	1 20	7 39	2 53	9 36	1 23	24 25	1 16	16 36	0 27	21 45	1 1	7 19	0 48	23 17	0 14	20 57	16 57	23 42	23 44	23 14		n.a.
M11	5 34	23 45	0 5	7 10	2 53	9 32	1 14	24 23	1 18	16 40	0 27	21 44	1 1	7 20	0 48	23 17	0 14	20 56	16 57	23 42	23 44	23 13		n.a.
T 12	5 57	22 18	1n10	6 38	2 53	9 28	1 4	24 21	1 20	16 44	0 27	21 44	1 1	7 21	0 48	23 17	0 14	20 56	16 57	23 42	23 44	23 12		n.a.
W13	6 19	19 27	2 20	6 5	2 52	9 23	0 55	24 18	1 22	16 48	0 27	21 44	1 1	7 22	0 48	23 17	0 14	20 55	16 57	23 42	23 44	23 11		n.a.
T 14	6 41	15 29	3 21	5 31	2 50	9 17	0 46	24 16	1 24	16 51	0 26	21 44	1 1	7 22	0 48	23 17	0 14	20 55	16 57	23 42	23 44	23 10		n.a.
F 15	7 4	10 42	4 10	4 54	2 48	9 10	0 38	24 13	1 26	16 55	0 26	21 44	1 1	7 23	0 48	23 17	0 14	20 55	16 57	23 42	23 44	23 9		n.a.
S 16	7 26	5 26	4 44	4 16	2 45	9 3	0 29	24 11	1 28	16 59	0 26	21 44	1 1	7 24	0 48	23 17	0 14	20 54	16 58	23 42	23 44	23 8		n.a.
S 17	7 48	0n 2	5 1	3 37	2 41	8 55	0 21	24 8	1 30	17 3	0 26	21 43	1 1	7 25	0 47	23 17	0 14	20 54	16 58	23 42	23 44	23 7		n.a.
M18	8 10	5 25	5 1	2 56	2 37	8 47	0 13	24 5	1 32	17 6	0 26	21 43	1 1	7 25	0 47	23 17	0 14	20 54	16 58	23 41	23 43	23 6		n.a.
T 19	8 32	10 27	4 45	2 14	2 32	8 38	0 5	24 2	1 34	17 10	0 26	21 43	1 1	7 26	0 47	23 17	0 14	20 53	16 58	23 41	23 43	23 5		n.a.
W20	8 54	14 56	4 14	1 30	2 27	8 28	0s 2	23 59	1 37	17 14	0 26	21 43	1 1	7 27	0 47	23 17	0 14	20 53	16 58	23 41	23 43	23 4		n.a.
T 21	9 15	18 39	3 32	0 45	2 21	8 17	0 10	23 55	1 39	17 17	0 25	21 42	1 1	7 27	0 47	23 17	0 14	20 53	16 59	23 40	23 43	23 3		n.a.
F 22	9 37	21 26	2 39	0n 2	2 15	8 6	0 17	23 52	1 41	17 21	0 25	21 42	1 1	7 28	0 47	23 17	0 14	20 53	16 59	23 40	23 43	23 2		n.a.
S 23	9 58	23 10	1 41	0 49	2 8	7 55	0 24	23 48	1 43	17 25	0 25	21 42	1 1	7 29	0 47	23 17	0 14	20 52	16 59	23 40	23 43	23 1		n.a.
S 24	10 19	23 49	0 38	1 38	2 1	7 43	0 30	23 44	1 45	17 29	0 25	21 42	1 1	7 29	0 47	23 17	0 14	20 52	16 59	23 40	23 43	23 0		n.a.
M25	10 40	23 21	0s26	2 28	1 53	7 30	0 37	23 40	1 47	17 32	0 25	21 41	1 1	7 30	0 47	23 17	0 14	20 52	16 59	23 40	23 43	22 59		n.a.
T 26	11 1	21 50	1 28	3 20	1 44	7 17	0 43	23 36	1 50	17 36	0 25	21 41	1 1	7 30	0 47	23 17	0 14	20 52	17 0	23 40	23 43	22 58		n.a.
W27	11 22	19 22	2 27	4 12	1 36	7 3	0 49	23 32	1 52	17 40	0 25	21 41	1 1	7 31	0 47	23 17	0 14	20 51	17 0	23 40	23 43	22 57		n.a.
T 28	11 42	16 4	3 19	5 5	1 27	6 49	0 55	23 28	1 54	17 43	0 25	21 40	1 1	7 32	0 47	23 17	0 14	20 51	17 0	23 40	23 43	22 55		n.a.
F 29	12 2	12 3	4 4	5 59	1 17	6 34	1 1	23 23	1 57	17 47	0 24	21 40	1 1	7 32	0 47	23 17	0 14	20 51	17 0	23 40	23 42	22 54		n.a.
S 30	12n23	7n27	4s39	6n54	1s 7	6s18	1s 6	23s19	1s59	17n51	0s24	21s40	1n 1	7n33	0n47	23s17	0n14	20s51	17s 1	23s40	23s42	22n53		n.a.

Julian Day Number = 1490310.5, Delta T = 05h15m16s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'44, Lahiri = -12°41'44 Julian Calendar 1 Apr. 633 BCE == Greg. Calendar 25 March 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

MAY 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 8 50	3♉ 4'38	12♍16	22♈ 2	17♓39	25♋56	21♉ 9	12°R57	12°R51	8°R 9	16♓48	24°R30	25♐49	4♋53	n.a.	S 1
M 2	14 12 47	4° 1'53	25°25	24° 5	18°32	26°32	21°22	12♐54	12♍49	8♋ 9	16°49	24♐23	25°46	5° 0	n.a.	M 2
T 3	14 16 43	4°59'07	8♎58	26° 9	19°25	27° 8	21°35	12°51	12°48	8° 8	16°50	24°15	25°43	5° 6	n.a.	T 3
W 4	14 20 40	5°56'21	22°54	28°15	20°19	27°44	21°49	12°48	12°47	8° 8	16°51	24° 8	25°40	5°13	n.a.	W 4
T 5	14 24 36	6°53'34	7♏ 9	0♉23	21°13	28°20	22° 2	12°45	12°46	8° 7	16°52	24° 1	25°37	5°20	n.a.	T 5
F 6	14 28 33	7°50'46	21°38	2°32	22° 8	28°56	22°16	12°42	12°44	8° 7	16°53	23°55	25°34	5°26	n.a.	F 6
S 7	14 32 30	8°47'57	6♐15	4°42	23° 4	29°31	22°29	12°38	12°43	8° 6	16°54	23°52	25°30	5°33	n.a.	S 7
S 8	14 36 26	9°45'08	20°53	6°53	24° 0	0♒ 6	22°43	12°35	12°42	8° 6	16°55	23°D51	25°27	5°40	n.a.	S 8
M 9	14 40 23	10°42'19	5♋26	9° 4	24°56	0°41	22°56	12°32	12°41	8° 5	16°56	23°51	25°24	5°46	n.a.	M 9
T 10	14 44 19	11°39'29	19°51	11°16	25°53	1°16	23°10	12°28	12°40	8° 4	16°57	23°53	25°21	5°53	n.a.	T 10
W11	14 48 16	12°36'39	4♒ 3	13°27	26°50	1°51	23°23	12°25	12°40	8° 3	16°58	23°54	25°18	6° 0	n.a.	W11
T 12	14 52 12	13°33'48	18° 3	15°39	27°48	2°25	23°37	12°21	12°39	8° 3	16°59	23°R54	25°15	6° 6	n.a.	T 12
F 13	14 56 9	14°30'57	1♓49	17°50	28°46	3° 0	23°50	12°18	12°38	8° 2	16°59	23°53	25°11	6°13	n.a.	F 13
S 14	15 0 5	15°28'06	15°21	20° 0	29°45	3°34	24° 4	12°14	12°37	8° 1	17° 0	23°50	25° 8	6°20	n.a.	S 14
S 15	15 4 2	16°25'15	28°39	22° 9	0♈44	4° 8	24°17	12°10	12°37	8° 0	17° 1	23°45	25° 5	6°26	n.a.	S 15
M16	15 7 59	17°22'24	11♈43	24°16	1°43	4°41	24°31	12° 7	12°36	7°59	17° 2	23°40	25° 2	6°33	n.a.	M16
T 17	15 11 55	18°19'33	24°34	26°23	2°43	5°15	24°44	12° 3	12°35	7°59	17° 3	23°34	24°59	6°39	n.a.	T 17
W18	15 15 52	19°16'41	7♉12	28°28	3°42	5°48	24°58	11°59	12°35	7°58	17° 3	23°28	24°55	6°46	n.a.	W18
T 19	15 19 48	20°13'49	19°37	0♊31	4°43	6°21	25°12	11°55	12°34	7°57	17° 4	23°23	24°52	6°53	n.a.	T 19
F 20	15 23 45	21°10'57	1♊50	2°32	5°43	6°53	25°25	11°51	12°34	7°56	17° 5	23°20	24°49	6°59	n.a.	F 20
S 21	15 27 41	22° 8'04	13°52	4°32	6°44	7°26	25°39	11°47	12°34	7°55	17° 6	23°18	24°46	7° 6	n.a.	S 21
S 22	15 31 38	23° 5'12	25°47	6°29	7°45	7°58	25°52	11°43	12°33	7°54	17° 6	23°D18	24°43	7°13	n.a.	S 22
M23	15 35 34	24° 2'19	7♋36	8°25	8°47	8°30	26° 6	11°39	12°33	7°53	17° 7	23°18	24°40	7°19	n.a.	M23
T 24	15 39 31	24°59'25	19°23	10°18	9°48	9° 1	26°20	11°35	12°33	7°52	17° 8	23°20	24°36	7°26	n.a.	T 24
W25	15 43 28	25°56'32	1♌12	12°10	10°50	9°32	26°33	11°31	12°33	7°50	17° 8	23°22	24°33	7°33	n.a.	W25
T 26	15 47 24	26°53'38	13° 8	13°59	11°53	10° 3	26°47	11°27	12°32	7°49	17° 9	23°23	24°30	7°39	n.a.	T 26
F 27	15 51 21	27°50'43	25°16	15°46	12°55	10°34	27° 0	11°22	12°32	7°48	17° 9	23°R24	24°27	7°46	n.a.	F 27
S 28	15 55 17	28°47'48	7♍39	17°31	13°58	11° 5	27°14	11°18	12°D32	7°47	17°10	23°23	24°24	7°53	n.a.	S 28
S 29	15 59 14	29°44'54	20°24	19°14	15° 1	11°35	27°28	11°14	12°32	7°46	17°11	23°22	24°20	7°59	n.a.	S 29
M30	16 3 10	0♊41'58	3♎32	20°55	16° 4	12° 4	27°41	11° 9	12°32	7°45	17°11	23°20	24°17	8° 6	n.a.	M30
T 31	16 7 7	1♊39'03	17♎ 7	22♊33	17♈ 7	12♒34	27♉55	11♐ 5	12♍33	7♋43	17♓12	23♐17	24♐14	8♋13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	12n42	2n26	5s 1	7n49	0s57	6s 3	1s12	23s14	2s 1	17n54	0s24	21s39	1n 1	7n33	0n47	23s17	0n14	20s51	17s 1	23s39	23s42	22n52			n.a.
M 2	13 2	2s51	5 7	8 45	0 47	5 46	1 17	23 10	2 4	17 58	0 24	21 39	1 1	7 34	0 47	23 17	0 14	20 50	17 1	23 39	23 42	22 51			n.a.
T 3	13 22	8 9	4 57	9 40	0 36	5 30	1 22	23 5	2 6	18 2	0 24	21 39	1 1	7 34	0 47	23 17	0 14	20 50	17 1	23 39	23 42	22 50			n.a.
W 4	13 41	13 11	4 30	10 36	0 25	5 13	1 27	23 0	2 8	18 5	0 24	21 38	1 1	7 34	0 47	23 17	0 14	20 50	17 2	23 38	23 42	22 49			n.a.
T 5	14 0	17 38	3 45	11 32	0 15	4 55	1 31	22 55	2 11	18 9	0 24	21 38	1 1	7 35	0 47	23 17	0 14	20 50	17 2	23 38	23 42	22 48			n.a.
F 6	14 19	21 5	2 45	12 27	0 4	4 37	1 36	22 50	2 13	18 12	0 24	21 38	1 1	7 35	0 47	23 17	0 14	20 50	17 2	23 38	23 42	22 46			n.a.
S 7	14 38	23 11	1 34	13 22	0n 7	4 19	1 40	22 45	2 16	18 16	0 24	21 37	1 1	7 36	0 47	23 17	0 14	20 50	17 2	23 38	23 42	22 45			n.a.
S 8	14 56	23 43	0 16	14 16	0 17	4 0	1 44	22 39	2 18	18 20	0 23	21 37	1 1	7 36	0 47	23 17	0 14	20 49	17 3	23 38	23 42	22 44			n.a.
M 9	15 14	22 37	1n 2	15 9	0 28	3 41	1 48	22 34	2 21	18 23	0 23	21 36	1 1	7 36	0 47	23 17	0 14	20 49	17 3	23 38	23 41	22 43			n.a.
T 10	15 32	20 2	2 16	16 1	0 38	3 21	1 51	22 29	2 23	18 27	0 23	21 36	1 1	7 37	0 47	23 17	0 14	20 49	17 3	23 38	23 41	22 42			n.a.
W11	15 50	16 15	3 21	16 51	0 47	3 2	1 55	22 23	2 26	18 30	0 23	21 36	1 1	7 37	0 47	23 17	0 14	20 49	17 4	23 38	23 41	22 41			n.a.
T 12	16 8	11 38	4 12	17 39	0 56	2 41	1 58	22 18	2 28	18 34	0 23	21 35	1 1	7 37	0 47	23 17	0 14	20 49	17 4	23 38	23 41	22 39			n.a.
F 13	16 25	6 30	4 48	18 25	1 5	2 21	2 2	22 12	2 31	18 37	0 23	21 35	1 1	7 38	0 47	23 18	0 14	20 49	17 4	23 38	23 41	22 38			n.a.
S 14	16 42	1 8	5 7	19 10	1 13	2 0	2 5	22 7	2 33	18 41	0 23	21 34	1 1	7 38	0 47	23 18	0 14	20 49	17 4	23 38	23 41	22 37			n.a.
S 15	16 59	4n11	5 10	19 52	1 21	1 39	2 7	22 1	2 36	18 44	0 23	21 34	1 1	7 38	0 46	23 18	0 14	20 49	17 5	23 37	23 41	22 36			n.a.
M16	17 15	9 13	4 56	20 31	1 28	1 18	2 10	21 55	2 39	18 48	0 22	21 33	1 1	7 38	0 46	23 18	0 14	20 49	17 5	23 37	23 41	22 35			n.a.
T 17	17 31	13 46	4 27	21 9	1 35	0 56	2 13	21 50	2 41	18 51	0 22	21 33	1 1	7 38	0 46	23 18	0 14	20 49	17 5	23 37	23 40	22 33			n.a.
W18	17 47	17 39	3 45	21 43	1 40	0 34	2 15	21 44	2 44	18 55	0 22	21 32	1 1	7 39	0 46	23 18	0 14	20 49	17 6	23 36	23 40	22 32			n.a.
T 19	18 3	20 40	2 54	22 16	1 46	0 12	2 18	21 38	2 47	18 58	0 22	21 32	1 1	7 39	0 46	23 18	0 14	20 49	17 6	23 36	23 40	22 31			n.a.
F 20	18 18	22 41	1 55	22 45	1 50	0n10	2 20	21 32	2 49	19 2	0 22	21 31	1 1	7 39	0 46	23 18	0 14	20 49	17 6	23 36	23 40	22 30			n.a.
S 21	18 33	23 38	0 51	23 12	1 54	0 33	2 22	21 26	2 52	19 5	0 22	21 31	1 0	7 39	0 46	23 18	0 14	20 49	17 7	23 36	23 40	22 29			n.a.
S 22	18 48	23 29	0s14	23 36	1 57	0 56	2 23	21 21	2 55	19 8	0 22	21 30	1 0	7 39	0 46	23 18	0 14	20 49	17 7	23 36	23 40	22 27			n.a.
M23	19 3	22 15	1 18	23 58	1 59	1 18	2 25	21 15	2 58	19 12	0 22	21 30	1 0	7 39	0 46	23 18	0 14	20 49	17 7	23 36	23 40	22 26			n.a.
T 24	19 17	20 4	2 19	24 17	2 0	1 42	2 27	21 9	3 1	19 15	0 22	21 29	1 0	7 39	0 46	23 18	0 14	20 49	17 8	23 36	23 40	22 25			n.a.
W25	19 30	17 1	3 14	24 34	2 1	2 5	2 28	21 3	3 3	19 18	0 22	21 29	1 0	7 39	0 46	23 18	0 14	20 49	17 8	23 36	23 39	22 24			n.a.
T 26	19 44	13 16	4 1	24 48	2 2	2 28	2 29	20 57	3 6	19 22	0 21	21 28	1 0	7 39	0 46	23 18	0 14	20 49	17 8	23 36	23 39	22 22			n.a.
F 27	19 57	8 55	4 38	25 0	2 1	2 52	2 31	20 51	3 9	19 25	0 21	21 28	1 0	7 39	0 46	23 18	0 14	20 49	17 8	23 36	23 39	22 21			n.a.
S 28	20 10	4 8	5 3	25 10	2 0	3 15	2 32	20 46	3 12	19 28	0 21	21 27	1 0	7 39	0 46	23 19	0 14	20 49	17 9	23 36	23 39	22 20			n.a.
S 29	20 23	0s57	5 15	25 18	1 58	3 39	2 32	20 40	3 15	19 31	0 21	21 27	1 0	7 39	0 46	23 19	0 14	20 49	17 9	23 36	23 39	22 19			n.a.
M30	20 35	6 9	5 10	25 23	1 56	4 3	2 33	20 34	3 18	19 35	0 21	21 26	1 0	7 39	0 46	23 19	0 14	20 49	17 9	23 36	23 39	22 17			n.a.
T 31	20n47	11s14	4s48	25n26	1n53	4n27	2s34	20s28	3s21	19n38	0s21	21s26	1n 0	7n39	0n46	23s19	0n14	20s49	17s10	23s36	23s39	22n16			n.a.

Julian Day Number = 1490340.5, Delta T = 05h15m14s
Ecliptic obliquity = 23°46'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'40, Lahiri = -12°41'40 Julian Calendar 1 May 633 BCE == Greg. Calendar 24 Apr. 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

JUNE 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 11 3	2♊36'08	1♏ 7	24♊10	18♈11	13♒ 3	28♉ 8	11°R 1	12♍33	7°R42	17♓12	23°R14	24♐11	8♋19	n.a.	W 1
T 2	16 15 0	3°33'12	15°32	25°44	19°15	13°32	28°22	10♐56	12°33	7♑41	17°13	23♐12	24° 8	8°26	n.a.	T 2
F 3	16 18 57	4°30'17	0♐15	27°16	20°19	14° 0	28°36	10°52	12°33	7°40	17°13	23°10	24° 5	8°33	n.a.	F 3
S 4	16 22 53	5°27'22	15°11	28°46	21°23	14°28	28°49	10°48	12°34	7°38	17°14	23° 9	24° 1	8°39	n.a.	S 4
S 5	16 26 50	6°24'28	0♑11	0♋14	22°28	14°56	29° 3	10°43	12°34	7°37	17°14	23°D 9	23°58	8°46	n.a.	S 5
M 6	16 30 46	7°21'34	15° 6	1°39	23°33	15°23	29°16	10°39	12°35	7°36	17°14	23°10	23°55	8°52	n.a.	M 6
T 7	16 34 43	8°18'40	29°50	3° 3	24°38	15°50	29°30	10°34	12°35	7°34	17°15	23°11	23°52	8°59	n.a.	T 7
W 8	16 38 39	9°15'47	14♒18	4°24	25°43	16°17	29°43	10°30	12°36	7°33	17°15	23°12	23°49	9° 6	n.a.	W 8
T 9	16 42 36	10°12'55	28°26	5°42	26°48	16°43	29°57	10°26	12°36	7°32	17°15	23°12	23°46	9°12	n.a.	T 9
F 10	16 46 33	11°10'03	12♓13	6°59	27°54	17° 8	0♊10	10°21	12°37	7°30	17°16	23°R13	23°42	9°19	n.a.	F 10
S 11	16 50 29	12° 7'12	25°39	8°13	28°59	17°34	0°24	10°17	12°38	7°29	17°16	23°12	23°39	9°26	n.a.	S 11
S 12	16 54 26	13° 4'22	8♈46	9°24	0♉ 5	17°58	0°37	10°12	12°38	7°27	17°16	23°12	23°36	9°32	n.a.	S 12
M13	16 58 22	14° 1'33	21°35	10°33	1°11	18°23	0°51	10° 8	12°39	7°26	17°17	23°11	23°33	9°39	n.a.	M13
T 14	17 2 19	14°58'44	4♉ 8	11°39	2°17	18°47	1° 4	10° 3	12°40	7°24	17°17	23° 9	23°30	9°46	n.a.	T 14
W15	17 6 15	15°55'56	16°29	12°42	3°24	19°10	1°17	9°59	12°41	7°23	17°17	23° 8	23°26	9°52	n.a.	W15
T 16	17 10 12	16°53'10	28°38	13°43	4°30	19°33	1°31	9°55	12°42	7°21	17°17	23° 8	23°23	9°59	n.a.	T 16
F 17	17 14 8	17°50'23	10♊39	14°41	5°37	19°55	1°44	9°50	12°43	7°20	17°17	23° 7	23°20	10° 6	n.a.	F 17
S 18	17 18 5	18°47'38	22°34	15°35	6°44	20°17	1°57	9°46	12°44	7°18	17°17	23°D 7	23°17	10°12	n.a.	S 18
S 19	17 22 2	19°44'53	4♋23	16°27	7°51	20°38	2°11	9°42	12°45	7°17	17°18	23° 7	23°14	10°19	n.a.	S 19
M20	17 25 58	20°42'09	16°10	17°15	8°58	20°59	2°24	9°37	12°47	7°15	17°18	23° 7	23°11	10°26	n.a.	M20
T 21	17 29 55	21°39'26	27°58	18° 0	10° 5	21°19	2°37	9°33	12°48	7°14	17°18	23° 8	23° 7	10°32	n.a.	T 21
W22	17 33 51	22°36'43	9♌49	18°41	11°12	21°39	2°50	9°29	12°49	7°12	17°18	23° 8	23° 4	10°39	n.a.	W22
T 23	17 37 48	23°34'01	21°47	19°18	12°20	21°58	3° 3	9°25	12°50	7°11	17°18	23°R 8	23° 1	10°46	n.a.	T 23
F 24	17 41 44	24°31'20	3♍55	19°52	13°28	22°16	3°17	9°20	12°52	7° 9	17°R18	23° 8	22°58	10°52	n.a.	F 24
S 25	17 45 41	25°28'39	16°18	20°21	14°35	22°34	3°30	9°16	12°53	7° 8	17°18	23° 8	22°55	10°59	n.a.	S 25
S 26	17 49 38	26°25'59	28°59	20°46	15°43	22°51	3°43	9°12	12°55	7° 6	17°18	23°D 8	22°52	11° 6	n.a.	S 26
M27	17 53 34	27°23'19	12♎ 2	21° 6	16°51	23° 8	3°56	9° 8	12°56	7° 4	17°18	23° 8	22°48	11°12	n.a.	M27
T 28	17 57 31	28°20'41	25°30	21°22	18° 0	23°24	4° 9	9° 4	12°58	7° 3	17°18	23° 8	22°45	11°19	n.a.	T 28
W29	18 1 27	29°18'03	9♏25	21°33	19° 8	23°39	4°22	9° 0	12°59	7° 1	17°18	23° 8	22°42	11°25	n.a.	W29
T 30	18 5 24	0♋15'26	23♏47	21♋39	20♉16	23♒54	4♊34	8♐56	13♍ 1	6♑59	17♓17	23♐ 9	22♐39	11♋32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n58	15s54	4s 9	25n28	1n50	4n51	2s34	20s23	3s24	19n41	0s21	21s25	1n 0	7n39	0n46	23s19	0n14	20s49	17s10	23s36	23s38	22n15		n.a.
T 2	21 9	19 47	3 13	25 27	1 45	5 15	2 35	20 17	3 27	19 44	0 21	21 25	1 0	7 39	0 46	23 19	0 14	20 49	17 11	23 36	23 38	22 14		n.a.
F 3	21 20	22 30	2 3	25 25	1 41	5 39	2 35	20 11	3 30	19 47	0 21	21 24	1 0	7 38	0 46	23 19	0 14	20 50	17 11	23 36	23 38	22 12		n.a.
S 4	21 31	23 40	0 44	25 21	1 35	6 4	2 35	20 6	3 33	19 50	0 21	21 23	1 0	7 38	0 46	23 19	0 14	20 50	17 11	23 35	23 38	22 11		n.a.
S 5	21 41	23 7	0n39	25 16	1 30	6 28	2 35	20 0	3 36	19 53	0 20	21 23	1 0	7 38	0 46	23 19	0 14	20 50	17 12	23 35	23 38	22 10		n.a.
M 6	21 50	20 56	1 59	25 9	1 23	6 52	2 35	19 55	3 39	19 57	0 20	21 22	0 59	7 38	0 46	23 19	0 14	20 50	17 12	23 36	23 38	22 8		n.a.
T 7	22 0	17 23	3 10	25 1	1 16	7 16	2 35	19 50	3 42	20 0	0 20	21 22	0 59	7 38	0 45	23 19	0 14	20 50	17 12	23 36	23 38	22 7		n.a.
W 8	22 9	12 50	4 7	24 51	1 9	7 41	2 35	19 45	3 45	20 3	0 20	21 21	0 59	7 37	0 45	23 19	0 14	20 50	17 13	23 36	23 37	22 6		n.a.
T 9	22 17	7 41	4 48	24 40	1 1	8 5	2 34	19 39	3 48	20 6	0 20	21 21	0 59	7 37	0 45	23 20	0 14	20 51	17 13	23 36	23 37	22 5		n.a.
F 10	22 26	2 17	5 11	24 28	0 53	8 29	2 34	19 34	3 51	20 9	0 20	21 20	0 59	7 37	0 45	23 20	0 14	20 51	17 13	23 36	23 37	22 3		n.a.
S 11	22 33	3n 5	5 17	24 15	0 44	8 53	2 33	19 29	3 54	20 12	0 20	21 20	0 59	7 36	0 45	23 20	0 14	20 51	17 14	23 36	23 37	22 2		n.a.
S 12	22 41	8 11	5 5	24 1	0 35	9 17	2 32	19 24	3 57	20 14	0 20	21 19	0 59	7 36	0 45	23 20	0 14	20 51	17 14	23 36	23 37	22 1		n.a.
M13	22 48	12 49	4 39	23 46	0 25	9 41	2 31	19 20	4 0	20 17	0 20	21 18	0 59	7 36	0 45	23 20	0 14	20 51	17 14	23 36	23 37	21 59		n.a.
T 14	22 55	16 49	4 0	23 30	0 15	10 5	2 30	19 15	4 3	20 20	0 20	21 18	0 59	7 35	0 45	23 20	0 14	20 52	17 15	23 35	23 37	21 58		n.a.
W15	23 1	20 1	3 10	23 14	0 5	10 29	2 29	19 11	4 7	20 23	0 20	21 17	0 59	7 35	0 45	23 20	0 14	20 52	17 15	23 35	23 36	21 57		n.a.
T 16	23 7	22 16	2 12	22 57	0s 6	10 53	2 28	19 6	4 10	20 26	0 19	21 17	0 59	7 35	0 45	23 20	0 14	20 52	17 15	23 35	23 36	21 55		n.a.
F 17	23 12	23 29	1 9	22 40	0 17	11 16	2 27	19 2	4 13	20 29	0 19	21 16	0 59	7 34	0 45	23 20	0 14	20 52	17 16	23 35	23 36	21 54		n.a.
S 18	23 17	23 37	0 3	22 22	0 29	11 39	2 26	18 58	4 16	20 32	0 19	21 16	0 58	7 34	0 45	23 20	0 14	20 53	17 16	23 35	23 36	21 53		n.a.
S 19	23 22	22 40	1s 2	22 4	0 41	12 3	2 24	18 54	4 19	20 34	0 19	21 15	0 58	7 33	0 45	23 20	0 14	20 53	17 17	23 35	23 36	21 51		n.a.
M20	23 26	20 43	2 5	21 46	0 53	12 26	2 23	18 50	4 23	20 37	0 19	21 15	0 58	7 33	0 45	23 21	0 14	20 53	17 17	23 35	23 36	21 50		n.a.
T 21	23 30	17 53	3 2	21 28	1 5	12 49	2 21	18 47	4 26	20 40	0 19	21 14	0 58	7 32	0 45	23 21	0 14	20 53	17 17	23 35	23 35	21 48		n.a.
W22	23 34	14 19	3 52	21 10	1 18	13 11	2 20	18 43	4 29	20 42	0 19	21 13	0 58	7 32	0 45	23 21	0 14	20 54	17 18	23 35	23 35	21 47		n.a.
T 23	23 37	10 10	4 32	20 52	1 31	13 34	2 18	18 40	4 32	20 45	0 19	21 13	0 58	7 31	0 45	23 21	0 14	20 54	17 18	23 35	23 35	21 46		n.a.
F 24	23 39	5 33	5 0	20 34	1 44	13 56	2 16	18 37	4 36	20 48	0 19	21 12	0 58	7 30	0 45	23 21	0 14	20 54	17 18	23 35	23 35	21 44		n.a.
S 25	23 42	0 39	5 16	20 17	1 57	14 18	2 14	18 34	4 39	20 50	0 19	21 12	0 58	7 30	0 45	23 21	0 14	20 55	17 19	23 35	23 35	21 43		n.a.
S 26	23 43	4s25	5 16	20 0	2 10	14 40	2 12	18 31	4 42	20 53	0 19	21 11	0 58	7 29	0 45	23 21	0 14	20 55	17 19	23 35	23 35	21 42		n.a.
M27	23 45	9 25	5 1	19 43	2 24	15 2	2 10	18 29	4 45	20 55	0 18	21 11	0 57	7 29	0 45	23 21	0 14	20 55	17 19	23 35	23 34	21 40		n.a.
T 28	23 46	14 9	4 29	19 28	2 37	15 23	2 8	18 26	4 49	20 58	0 18	21 10	0 57	7 28	0 45	23 21	0 14	20 56	17 20	23 35	23 34	21 39		n.a.
W29	23 46	18 18	3 40	19 13	2 50	15 44	2 6	18 24	4 52	21 1	0 18	21 10	0 57	7 27	0 45	23 21	0 13	20 56	17 20	23 35	23 34	21 37		n.a.
T 30	23n46	21s30	2s36	19n 0	3s 3	16n 4	2s 4	18s22	4s55	21n 3	0s18	21s 9	0n57	7n27	0n44	23s22	0n13	20s57	17s20	23s35	23s34	21n36		n.a.

Julian Day Number = 1490371.5, Delta T = 05h15m13s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'36, Lahiri = -12°41'36 Julian Calendar 1 June 633 BCE == Greg. Calendar 25 May 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

JULY 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 9 20	1♋12'50	8♐31	21°R40	21♉25	24♒ 8	4♊47	8°R52	13♍ 3	6°R58	17°R17	23♐10	22♐36	11♋39	n.a.	F 1
S 2	18 13 17	2°10'15	23°32	21♋35	22°33	24°21	5° 0	8♐48	13° 5	6♑56	17♓17	23°R10	22°32	11°45	n.a.	S 2
S 3	18 17 13	3° 7'41	8♑44	21°26	23°42	24°33	5°13	8°44	13° 6	6°55	17°17	23°10	22°29	11°52	n.a.	S 3
M 4	18 21 10	4° 5'09	23°55	21°11	24°51	24°45	5°26	8°40	13° 8	6°53	17°17	23° 9	22°26	11°59	n.a.	M 4
T 5	18 25 7	5° 2'37	8♒56	20°50	26° 0	24°56	5°38	8°37	13°10	6°51	17°17	23° 8	22°23	12° 5	n.a.	T 5
W 6	18 29 3	6° 0'07	23°40	20°25	27° 9	25° 7	5°51	8°33	13°12	6°50	17°16	23° 6	22°20	12°12	n.a.	W 6
T 7	18 33 0	6°57'39	8♓ 1	19°54	28°19	25°16	6° 3	8°29	13°14	6°48	17°16	23° 5	22°17	12°19	n.a.	T 7
F 8	18 36 56	7°55'12	21°56	19°19	29°28	25°25	6°16	8°26	13°16	6°46	17°16	23° 4	22°13	12°25	n.a.	F 8
S 9	18 40 53	8°52'46	5♈25	18°40	0♊37	25°33	6°28	8°22	13°18	6°45	17°15	23°D 3	22°10	12°32	n.a.	S 9
S 10	18 44 49	9°50'23	18°29	17°57	1°47	25°41	6°41	8°19	13°21	6°43	17°15	23° 3	22° 7	12°39	n.a.	S 10
M11	18 48 46	10°48'01	1♉11	17°10	2°57	25°47	6°53	8°15	13°23	6°42	17°15	23° 4	22° 4	12°45	n.a.	M11
T 12	18 52 42	11°45'40	13°35	16°22	4° 6	25°53	7° 5	8°12	13°25	6°40	17°14	23° 5	22° 1	12°52	n.a.	T 12
W13	18 56 39	12°43'22	25°45	15°31	5°16	25°58	7°18	8° 9	13°27	6°38	17°14	23° 7	21°58	12°59	n.a.	W13
T 14	19 0 36	13°41'05	7♊44	14°40	6°26	26° 2	7°30	8° 6	13°30	6°37	17°14	23° 8	21°54	13° 5	n.a.	T 14
F 15	19 4 32	14°38'49	19°36	13°50	7°37	26° 5	7°42	8° 3	13°32	6°35	17°13	23°R 9	21°51	13°12	n.a.	F 15
S 16	19 8 29	15°36'36	1♋25	13° 0	8°47	26° 7	7°54	7°59	13°34	6°33	17°13	23° 9	21°48	13°19	n.a.	S 16
S 17	19 12 25	16°34'24	13°12	12°13	9°57	26° 8	8° 6	7°57	13°37	6°32	17°12	23° 7	21°45	13°25	n.a.	S 17
M18	19 16 22	17°32'13	25° 1	11°29	11° 8	26°R 9	8°18	7°54	13°39	6°30	17°12	23° 5	21°42	13°32	n.a.	M18
T 19	19 20 18	18°30'04	6♌52	10°50	12°18	26° 9	8°30	7°51	13°42	6°29	17°11	23° 1	21°38	13°39	n.a.	T 19
W20	19 24 15	19°27'57	18°49	10°16	13°29	26° 8	8°42	7°48	13°44	6°27	17°11	22°57	21°35	13°45	n.a.	W20
T 21	19 28 11	20°25'51	0♍53	9°47	14°39	26° 6	8°53	7°45	13°47	6°26	17°10	22°52	21°32	13°52	n.a.	T 21
F 22	19 32 8	21°23'46	13° 6	9°26	15°50	26° 3	9° 5	7°43	13°49	6°24	17°10	22°48	21°29	13°59	n.a.	F 22
S 23	19 36 5	22°21'43	25°32	9°11	17° 1	25°59	9°17	7°40	13°52	6°22	17° 9	22°44	21°26	14° 5	n.a.	S 23
S 24	19 40 1	23°19'42	8♎14	9°D 4	18°12	25°54	9°28	7°38	13°55	6°21	17° 9	22°42	21°23	14°12	n.a.	S 24
M25	19 43 58	24°17'41	21°13	9° 5	19°23	25°49	9°39	7°35	13°58	6°19	17° 8	22°D41	21°19	14°19	n.a.	M25
T 26	19 47 54	25°15'43	4♏34	9°14	20°34	25°43	9°51	7°33	14° 0	6°18	17° 7	22°41	21°16	14°25	n.a.	T 26
W27	19 51 51	26°13'46	18°18	9°31	21°45	25°36	10° 2	7°31	14° 3	6°16	17° 7	22°42	21°13	14°32	n.a.	W27
T 28	19 55 47	27°11'50	2♐27	9°57	22°57	25°28	10°13	7°29	14° 6	6°15	17° 6	22°44	21°10	14°39	n.a.	T 28
F 29	19 59 44	28° 9'56	17° 0	10°30	24° 8	25°19	10°24	7°27	14° 9	6°13	17° 5	22°R45	21° 7	14°45	n.a.	F 29
S 30	20 3 40	29° 8'04	1♑53	11°12	25°20	25°10	10°35	7°25	14°12	6°12	17° 5	22°45	21° 4	14°52	n.a.	S 30
S 31	20 7 37	0♌ 6'13	16♑59	12♋ 2	26♊31	25♒ 0	10♊46	7♐23	14♍15	6♑10	17♓ 4	22♐43	21♐ 0	14♋58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n46	23s21	1s20	18n47	3s16	16n25	2s 1	18s20	4s58	21n 5	0s18	21s 9	0n57	7n26	0n44	23s22	0n13	20s57	17s21	23s35	23s34	21n35		n.a.
S 2	23 45	23 35	0n 2	18 36	3 28	16 45	1 59	18 19	5 2	21 8	0 18	21 8	0 57	7 25	0 44	23 22	0 13	20 57	17 21	23 35	23 33	21 33		n.a.
S 3	23 44	22 4	1 25	18 25	3 39	17 5	1 57	18 18	5 5	21 10	0 18	21 8	0 57	7 24	0 44	23 22	0 13	20 58	17 22	23 35	23 33	21 32		n.a.
M 4	23 42	18 57	2 43	18 17	3 51	17 24	1 54	18 17	5 8	21 13	0 18	21 7	0 57	7 24	0 44	23 22	0 13	20 58	17 22	23 35	23 33	21 30		n.a.
T 5	23 40	14 37	3 48	18 10	4 1	17 43	1 52	18 16	5 11	21 15	0 18	21 7	0 56	7 23	0 44	23 22	0 13	20 58	17 22	23 35	23 33	21 29		n.a.
W 6	23 38	9 28	4 36	18 4	4 10	18 2	1 49	18 15	5 14	21 17	0 18	21 6	0 56	7 22	0 44	23 22	0 13	20 59	17 23	23 35	23 33	21 27		n.a.
T 7	23 35	3 57	5 6	18 1	4 18	18 20	1 46	18 15	5 18	21 20	0 18	21 6	0 56	7 21	0 44	23 22	0 13	20 59	17 23	23 35	23 33	21 26		n.a.
F 8	23 32	1n36	5 17	17 59	4 25	18 38	1 44	18 14	5 21	21 22	0 18	21 6	0 56	7 20	0 44	23 22	0 13	21 0	17 23	23 35	23 32	21 25		n.a.
S 9	23 28	6 54	5 9	17 59	4 31	18 55	1 41	18 15	5 24	21 24	0 17	21 5	0 56	7 20	0 44	23 22	0 13	21 0	17 24	23 35	23 32	21 23		n.a.
S 10	23 24	11 44	4 46	18 0	4 35	19 12	1 38	18 15	5 27	21 26	0 17	21 5	0 56	7 19	0 44	23 23	0 13	21 1	17 24	23 35	23 32	21 22		n.a.
M11	23 19	15 56	4 9	18 4	4 38	19 29	1 35	18 15	5 30	21 29	0 17	21 4	0 56	7 18	0 44	23 23	0 13	21 1	17 24	23 35	23 32	21 20		n.a.
T 12	23 15	19 20	3 22	18 9	4 38	19 45	1 32	18 16	5 33	21 31	0 17	21 4	0 55	7 17	0 44	23 23	0 13	21 1	17 25	23 35	23 32	21 19		n.a.
W13	23 9	21 49	2 26	18 16	4 37	20 0	1 30	18 17	5 36	21 33	0 17	21 4	0 55	7 16	0 44	23 23	0 13	21 2	17 25	23 35	23 31	21 17		n.a.
T 14	23 3	23 17	1 24	18 24	4 34	20 16	1 27	18 19	5 39	21 35	0 17	21 3	0 55	7 15	0 44	23 23	0 13	21 2	17 25	23 35	23 31	21 16		n.a.
F 15	22 57	23 41	0 20	18 34	4 30	20 30	1 24	18 20	5 42	21 37	0 17	21 3	0 55	7 14	0 44	23 23	0 13	21 3	17 26	23 35	23 31	21 14		n.a.
S 16	22 51	23 0	0s45	18 46	4 23	20 45	1 21	18 22	5 44	21 39	0 17	21 2	0 55	7 13	0 44	23 23	0 13	21 3	17 26	23 35	23 31	21 13		n.a.
S 17	22 44	21 19	1 48	18 59	4 14	20 58	1 18	18 24	5 47	21 41	0 17	21 2	0 55	7 12	0 44	23 23	0 13	21 4	17 26	23 35	23 31	21 11		n.a.
M18	22 36	18 42	2 47	19 13	4 4	21 11	1 15	18 26	5 50	21 43	0 17	21 2	0 55	7 11	0 44	23 23	0 13	21 4	17 27	23 35	23 30	21 10		n.a.
T 19	22 28	15 18	3 38	19 28	3 52	21 24	1 12	18 29	5 52	21 45	0 17	21 2	0 54	7 10	0 44	23 23	0 13	21 5	17 27	23 35	23 30	21 8		n.a.
W20	22 20	11 17	4 20	19 44	3 39	21 36	1 9	18 32	5 55	21 47	0 17	21 1	0 54	7 9	0 44	23 23	0 13	21 5	17 27	23 35	23 30	21 7		n.a.
T 21	22 12	6 47	4 51	20 0	3 25	21 47	1 5	18 35	5 57	21 49	0 16	21 1	0 54	7 8	0 44	23 24	0 13	21 6	17 27	23 35	23 30	21 5		n.a.
F 22	22 3	1 59	5 9	20 17	3 9	21 58	1 2	18 38	6 0	21 51	0 16	21 1	0 54	7 7	0 44	23 24	0 13	21 6	17 28	23 34	23 30	21 4		n.a.
S 23	21 53	2s59	5 13	20 34	2 53	22 9	0 59	18 41	6 2	21 53	0 16	21 0	0 54	7 6	0 44	23 24	0 13	21 7	17 28	23 34	23 29	21 2		n.a.
S 24	21 43	7 55	5 2	20 51	2 36	22 19	0 56	18 45	6 4	21 55	0 16	21 0	0 54	7 5	0 44	23 24	0 13	21 7	17 28	23 34	23 29	21 1		n.a.
M25	21 33	12 38	4 35	21 9	2 19	22 28	0 53	18 49	6 6	21 56	0 16	21 0	0 54	7 4	0 44	23 24	0 13	21 8	17 29	23 34	23 29	20 59		n.a.
T 26	21 23	16 52	3 53	21 26	2 1	22 36	0 50	18 53	6 8	21 58	0 16	21 0	0 53	7 3	0 44	23 24	0 13	21 8	17 29	23 34	23 29	20 58		n.a.
W27	21 12	20 21	2 57	21 42	1 44	22 44	0 47	18 57	6 10	22 0	0 16	20 59	0 53	7 2	0 44	23 24	0 13	21 9	17 29	23 34	23 29	20 56		n.a.
T 28	21 1	22 43	1 49	21 58	1 26	22 52	0 43	19 1	6 12	22 2	0 16	20 59	0 53	7 0	0 43	23 24	0 13	21 9	17 29	23 34	23 28	20 55		n.a.
F 29	20 49	23 39	0 31	22 12	1 9	22 58	0 40	19 6	6 13	22 3	0 16	20 59	0 53	6 59	0 43	23 24	0 13	21 10	17 30	23 34	23 28	20 53		n.a.
S 30	20 37	22 56	0n50	22 26	0 52	23 4	0 37	19 10	6 15	22 5	0 16	20 59	0 53	6 58	0 43	23 24	0 13	21 10	17 30	23 34	23 28	20 52		n.a.
S 31	20n25	20s33	2n 8	22n38	0s36	23n10	0s34	19s15	6s16	22n 7	0s16	20s59	0n53	6n57	0n43	23s24	0n13	21s11	17s30	23s34	23s28	20n50		n.a.

Julian Day Number = 1490401.5, Delta T = 05h15m11s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'32, Lahiri = -12°41'32 Julian Calendar 1 July 633 BCE == Greg. Calendar 24 June 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

AUGUST 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 11 34	1♌ 4'24	2♒12	12♋59	27♊43	24°R49	10♊57	7°R21	14♍18	6°R 9	17°R 3	22°R39	20♐57	15♋ 5	n.a.	M 1
T 2	20 15 30	2° 2'37	17°20	14° 3	28°55	24♒38	11° 8	7♐20	14°21	6♑ 7	17♓ 2	22♐34	20°54	15°12	n.a.	T 2
W 3	20 19 27	3° 0'51	2♓13	15°13	0♋ 6	24°26	11°19	7°18	14°24	6° 6	17° 2	22°28	20°51	15°18	n.a.	W 3
T 4	20 23 23	3°59'08	16°45	16°30	1°18	24°13	11°29	7°17	14°27	6° 5	17° 1	22°22	20°48	15°25	n.a.	T 4
F 5	20 27 20	4°57'27	0♈49	17°53	2°30	23°59	11°40	7°15	14°30	6° 3	17° 0	22°17	20°44	15°32	n.a.	F 5
S 6	20 31 16	5°55'48	14°24	19°20	3°42	23°45	11°50	7°14	14°33	6° 2	16°59	22°13	20°41	15°38	n.a.	S 6
S 7	20 35 13	6°54'12	27°32	20°53	4°54	23°31	12° 0	7°13	14°36	6° 1	16°58	22°11	20°38	15°45	n.a.	S 7
M 8	20 39 9	7°52'37	10♉14	22°29	6° 7	23°15	12°11	7°12	14°40	5°59	16°57	22°D10	20°35	15°52	n.a.	M 8
T 9	20 43 6	8°51'05	22°35	24° 9	7°19	23° 0	12°21	7°11	14°43	5°58	16°57	22°11	20°32	15°58	n.a.	T 9
W10	20 47 3	9°49'36	4♊41	25°52	8°31	22°44	12°31	7°10	14°46	5°57	16°56	22°12	20°29	16° 5	n.a.	W10
T 11	20 50 59	10°48'08	16°35	27°37	9°44	22°27	12°41	7° 9	14°49	5°55	16°55	22°R14	20°25	16°12	n.a.	T 11
F 12	20 54 56	11°46'43	28°24	29°25	10°57	22°10	12°50	7° 8	14°53	5°54	16°54	22°13	20°22	16°18	n.a.	F 12
S 13	20 58 52	12°45'20	10♋11	1♌14	12° 9	21°53	13° 0	7° 8	14°56	5°53	16°53	22°12	20°19	16°25	n.a.	S 13
S 14	21 2 49	13°43'59	21°59	3° 4	13°22	21°35	13°10	7° 7	14°59	5°52	16°52	22° 7	20°16	16°32	n.a.	S 14
M15	21 6 45	14°42'41	3♌51	4°55	14°35	21°18	13°19	7° 7	15° 3	5°50	16°51	22° 1	20°13	16°38	n.a.	M15
T 16	21 10 42	15°41'24	15°50	6°47	15°48	21° 0	13°29	7° 6	15° 6	5°49	16°50	21°52	20°10	16°45	n.a.	T 16
W17	21 14 38	16°40'10	27°57	8°39	17° 0	20°42	13°38	7° 6	15°10	5°48	16°49	21°42	20° 6	16°52	n.a.	W17
T 18	21 18 35	17°38'57	10♍13	10°31	18°13	20°24	13°47	7° 6	15°13	5°47	16°48	21°32	20° 3	16°58	n.a.	T 18
F 19	21 22 31	18°37'47	22°38	12°23	19°26	20° 6	13°56	7°D 6	15°17	5°46	16°47	21°22	20° 0	17° 5	n.a.	F 19
S 20	21 26 28	19°36'38	5♎15	14°14	20°40	19°48	14° 5	7° 6	15°20	5°45	16°46	21°13	19°57	17°12	n.a.	S 20
S 21	21 30 25	20°35'32	18° 4	16° 6	21°53	19°30	14°14	7° 6	15°24	5°44	16°45	21° 6	19°54	17°18	n.a.	S 21
M22	21 34 21	21°34'27	1♏ 7	17°56	23° 6	19°12	14°22	7° 7	15°27	5°43	16°44	21° 2	19°50	17°25	n.a.	M22
T 23	21 38 18	22°33'24	14°26	19°46	24°19	18°54	14°31	7° 7	15°31	5°42	16°43	21° 0	19°47	17°32	n.a.	T 23
W24	21 42 14	23°32'23	28° 3	21°36	25°33	18°37	14°39	7° 7	15°34	5°41	16°42	20°D59	19°44	17°38	n.a.	W24
T 25	21 46 11	24°31'24	11♐59	23°24	26°46	18°20	14°48	7° 8	15°38	5°40	16°41	21° 0	19°41	17°45	n.a.	T 25
F 26	21 50 7	25°30'27	26°15	25°12	28° 0	18° 3	14°56	7° 9	15°41	5°39	16°40	21°R 0	19°38	17°52	n.a.	F 26
S 27	21 54 4	26°29'32	10♑49	26°59	29°13	17°47	15° 4	7°10	15°45	5°38	16°39	20°59	19°35	17°58	n.a.	S 27
S 28	21 58 0	27°28'39	25°38	28°45	0♌27	17°31	15°12	7°10	15°49	5°37	16°38	20°55	19°31	18° 5	n.a.	S 28
M29	22 1 57	28°27'47	10♒36	0♍31	1°41	17°15	15°19	7°11	15°52	5°36	16°37	20°48	19°28	18°12	n.a.	M29
T 30	22 5 54	29°26'58	25°34	2°15	2°54	17° 0	15°27	7°12	15°56	5°36	16°36	20°39	19°25	18°18	n.a.	T 30
W31	22 9 50	0♍26'10	10♓22	3♍59	4♌ 8	16♒46	15♊34	7♐14	16♍ 0	5♑35	16♓35	20♐29	19♐22	18♋25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n12	16s44	3n18	22n48	0s20	23n14	0s31	19s20	6s17	22n 8	0s16	20s59	0n52	6n56	0n43	23s25	0n13	21s11	17s31	23s34	23s27	20n49			n.a.
T 2	19 59	11 50	4 14	22 56	0 5	23 19	0 27	19 25	6 18	22 10	0 16	20 59	0 52	6 54	0 43	23 25	0 13	21 12	17 31	23 34	23 27	20 47			n.a.
W 3	19 45	6 18	4 51	23 3	0n 9	23 22	0 24	19 30	6 19	22 12	0 15	20 58	0 52	6 53	0 43	23 25	0 13	21 13	17 31	23 33	23 27	20 45			n.a.
T 4	19 32	0 34	5 9	23 7	0 23	23 25	0 21	19 35	6 20	22 13	0 15	20 58	0 52	6 52	0 43	23 25	0 13	21 13	17 31	23 33	23 27	20 44			n.a.
F 5	19 17	5n 0	5 7	23 8	0 35	23 27	0 18	19 40	6 20	22 15	0 15	20 58	0 52	6 51	0 43	23 25	0 13	21 14	17 32	23 33	23 27	20 42			n.a.
S 6	19 3	10 9	4 47	23 8	0 47	23 28	0 15	19 46	6 21	22 16	0 15	20 58	0 52	6 50	0 43	23 25	0 13	21 14	17 32	23 32	23 26	20 41			n.a.
S 7	18 48	14 40	4 13	23 4	0 57	23 29	0 12	19 51	6 21	22 18	0 15	20 58	0 52	6 48	0 43	23 25	0 13	21 15	17 32	23 32	23 26	20 39			n.a.
M 8	18 33	18 22	3 28	22 58	1 7	23 29	0 9	19 56	6 21	22 19	0 15	20 58	0 51	6 47	0 43	23 25	0 13	21 15	17 32	23 32	23 26	20 38			n.a.
T 9	18 18	21 9	2 34	22 49	1 15	23 28	0 6	20 1	6 21	22 20	0 15	20 58	0 51	6 46	0 43	23 25	0 13	21 16	17 33	23 32	23 26	20 36			n.a.
W10	18 2	22 54	1 34	22 37	1 23	23 27	0 2	20 7	6 21	22 22	0 15	20 58	0 51	6 44	0 43	23 25	0 13	21 16	17 33	23 32	23 25	20 34			n.a.
T 11	17 46	23 35	0 30	22 23	1 29	23 25	0n 1	20 12	6 20	22 23	0 15	20 58	0 51	6 43	0 43	23 25	0 13	21 17	17 33	23 32	23 25	20 33			n.a.
F 12	17 30	23 12	0s33	22 6	1 35	23 22	0 4	20 17	6 20	22 25	0 15	20 58	0 51	6 42	0 43	23 25	0 13	21 18	17 33	23 32	23 25	20 31			n.a.
S 13	17 13	21 47	1 35	21 47	1 39	23 19	0 7	20 22	6 19	22 26	0 15	20 58	0 51	6 40	0 43	23 25	0 13	21 18	17 33	23 32	23 25	20 30			n.a.
S 14	16 56	19 26	2 33	21 25	1 43	23 15	0 10	20 27	6 18	22 27	0 15	20 58	0 50	6 39	0 43	23 26	0 13	21 19	17 34	23 32	23 24	20 28			n.a.
M15	16 39	16 15	3 25	21 1	1 46	23 10	0 12	20 32	6 17	22 28	0 15	20 58	0 50	6 38	0 43	23 26	0 13	21 19	17 34	23 32	23 24	20 26			n.a.
T 16	16 21	12 23	4 7	20 35	1 48	23 5	0 15	20 36	6 15	22 30	0 14	20 59	0 50	6 36	0 43	23 26	0 13	21 20	17 34	23 31	23 24	20 25			n.a.
W17	16 3	7 59	4 39	20 6	1 49	22 58	0 18	20 41	6 14	22 31	0 14	20 59	0 50	6 35	0 43	23 26	0 13	21 20	17 34	23 30	23 24	20 23			n.a.
T 18	15 45	3 14	4 59	19 36	1 50	22 51	0 21	20 45	6 12	22 32	0 14	20 59	0 50	6 34	0 43	23 26	0 13	21 21	17 34	23 30	23 24	20 22			n.a.
F 19	15 27	1s42	5 5	19 5	1 50	22 44	0 24	20 49	6 10	22 33	0 14	20 59	0 50	6 32	0 43	23 26	0 13	21 21	17 35	23 29	23 23	20 20			n.a.
S 20	15 8	6 38	4 56	18 31	1 49	22 36	0 27	20 53	6 8	22 34	0 14	20 59	0 49	6 31	0 43	23 26	0 13	21 22	17 35	23 29	23 23	20 18			n.a.
S 21	14 50	11 22	4 32	17 57	1 48	22 27	0 29	20 57	6 6	22 36	0 14	20 59	0 49	6 30	0 43	23 26	0 13	21 23	17 35	23 28	23 23	20 17			n.a.
M22	14 30	15 40	3 54	17 21	1 46	22 17	0 32	21 1	6 4	22 37	0 14	20 59	0 49	6 28	0 43	23 26	0 13	21 23	17 35	23 28	23 23	20 15			n.a.
T 23	14 11	19 17	3 2	16 44	1 44	22 7	0 35	21 4	6 1	22 38	0 14	21 0	0 49	6 27	0 43	23 26	0 13	21 24	17 35	23 28	23 22	20 13			n.a.
W24	13 52	21 56	1 59	16 5	1 41	21 56	0 37	21 7	5 58	22 39	0 14	21 0	0 49	6 25	0 43	23 26	0 13	21 24	17 35	23 28	23 22	20 12			n.a.
T 25	13 32	23 20	0 48	15 26	1 38	21 44	0 40	21 10	5 55	22 40	0 14	21 0	0 49	6 24	0 43	23 26	0 13	21 25	17 35	23 28	23 22	20 10			n.a.
F 26	13 12	23 15	0n28	14 46	1 34	21 32	0 42	21 12	5 52	22 41	0 14	21 0	0 48	6 22	0 43	23 26	0 13	21 25	17 36	23 28	23 22	20 9			n.a.
S 27	12 51	21 36	1 44	14 6	1 30	21 19	0 45	21 14	5 49	22 42	0 14	21 1	0 48	6 21	0 43	23 26	0 13	21 26	17 36	23 28	23 21	20 7			n.a.
S 28	12 31	18 28	2 53	13 24	1 26	21 6	0 47	21 16	5 46	22 43	0 13	21 1	0 48	6 20	0 43	23 26	0 13	21 26	17 36	23 27	23 21	20 5			n.a.
M29	12 10	14 6	3 52	12 42	1 21	20 52	0 49	21 18	5 42	22 44	0 13	21 1	0 48	6 18	0 43	23 26	0 13	21 27	17 36	23 27	23 21	20 4			n.a.
T 30	11 49	8 53	4 34	12 0	1 16	20 37	0 52	21 19	5 39	22 45	0 13	21 2	0 48	6 17	0 43	23 27	0 13	21 27	17 36	23 26	23 21	20 2			n.a.
W31	11n28	3s12	4n58	11n17	1n11	20n22	0n54	21s20	5s35	22n46	0s13	21s 2	0n48	6n15	0n43	23s27	0n13	21s28	17s36	23s25	23s20	20n 0			n.a.

Julian Day Number = 1490432.5, Delta T = 05h15m10s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'28, Lahiri = -12°41'27 Julian Calendar 1 Aug. 633 BCE == Greg. Calendar 25 July 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

SEPTEMBER 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 13 47	1♍25'25	24♓53	5♍41	5♌22	16°R32	15♊42	7♐15	16♍ 3	5°R34	16°R34	20°R18	19♐19	18♋32	n.a.	T 1
F 2	22 17 43	2°24'42	9♈ 0	7°23	6°36	16♒18	15°49	7°16	16° 7	5♑33	16♓32	20♐ 8	19°15	18°38	n.a.	F 2
S 3	22 21 40	3°24'02	22°40	9° 5	7°50	16° 5	15°56	7°18	16°11	5°33	16°31	20° 0	19°12	18°45	n.a.	S 3
S 4	22 25 36	4°23'24	5♉51	10°45	9° 4	15°53	16° 3	7°19	16°15	5°32	16°30	19°54	19° 9	18°52	n.a.	S 4
M 5	22 29 33	5°22'48	18°36	12°24	10°18	15°42	16°10	7°21	16°18	5°31	16°29	19°51	19° 6	18°58	n.a.	M 5
T 6	22 33 29	6°22'15	1♊ 0	14° 3	11°32	15°31	16°16	7°23	16°22	5°31	16°28	19°50	19° 3	19° 5	n.a.	T 6
W 7	22 37 26	7°21'44	13° 6	15°41	12°46	15°21	16°23	7°24	16°26	5°30	16°27	19°50	19° 0	19°12	n.a.	W 7
T 8	22 41 22	8°21'16	25° 0	17°19	14° 1	15°11	16°29	7°26	16°30	5°30	16°26	19°50	18°56	19°18	n.a.	T 8
F 9	22 45 19	9°20'50	6♋49	18°55	15°15	15° 2	16°35	7°28	16°33	5°29	16°24	19°49	18°53	19°25	n.a.	F 9
S 10	22 49 16	10°20'26	18°36	20°31	16°29	14°55	16°41	7°31	16°37	5°29	16°23	19°46	18°50	19°32	n.a.	S 10
S 11	22 53 12	11°20'05	0♌27	22° 6	17°44	14°47	16°47	7°33	16°41	5°28	16°22	19°40	18°47	19°38	n.a.	S 11
M12	22 57 9	12°19'46	12°25	23°41	18°58	14°41	16°53	7°35	16°45	5°28	16°21	19°31	18°44	19°45	n.a.	M12
T 13	23 1 5	13°19'30	24°33	25°15	20°13	14°35	16°58	7°38	16°48	5°27	16°20	19°20	18°41	19°52	n.a.	T 13
W14	23 5 2	14°19'15	6♍52	26°48	21°27	14°30	17° 4	7°40	16°52	5°27	16°19	19° 7	18°37	19°58	n.a.	W14
T 15	23 8 58	15°19'03	19°23	28°21	22°42	14°26	17° 9	7°43	16°56	5°27	16°18	18°53	18°34	20° 5	n.a.	T 15
F 16	23 12 55	16°18'52	2♎ 7	29°53	23°56	14°23	17°14	7°45	17° 0	5°26	16°16	18°39	18°31	20°12	n.a.	F 16
S 17	23 16 51	17°18'44	15° 2	1♎24	25°11	14°21	17°19	7°48	17° 4	5°26	16°15	18°27	18°28	20°18	n.a.	S 17
S 18	23 20 48	18°18'38	28° 9	2°55	26°26	14°19	17°23	7°51	17° 7	5°26	16°14	18°17	18°25	20°25	n.a.	S 18
M19	23 24 44	19°18'33	11♏26	4°25	27°41	14°D18	17°28	7°54	17°11	5°26	16°13	18°11	18°21	20°32	n.a.	M19
T 20	23 28 41	20°18'31	24°54	5°55	28°55	14°19	17°32	7°57	17°15	5°26	16°12	18° 7	18°18	20°38	n.a.	T 20
W21	23 32 38	21°18'30	8♐34	7°24	0♍10	14°19	17°36	8° 0	17°19	5°26	16°11	18° 6	18°15	20°45	n.a.	W21
T 22	23 36 34	22°18'31	22°25	8°52	1°25	14°21	17°40	8° 3	17°23	5°25	16° 9	18° 6	18°12	20°52	n.a.	T 22
F 23	23 40 31	23°18'34	6♑29	10°20	2°40	14°23	17°44	8° 7	17°26	5°25	16° 8	18° 6	18° 9	20°58	n.a.	F 23
S 24	23 44 27	24°18'38	20°45	11°47	3°55	14°27	17°47	8°10	17°30	5°D25	16° 7	18° 4	18° 6	21° 5	n.a.	S 24
S 25	23 48 24	25°18'44	5♒11	13°13	5°10	14°31	17°51	8°14	17°34	5°25	16° 6	18° 0	18° 2	21°12	n.a.	S 25
M26	23 52 20	26°18'52	19°44	14°39	6°25	14°35	17°54	8°17	17°38	5°25	16° 5	17°52	17°59	21°18	n.a.	M26
T 27	23 56 17	27°19'01	4♓18	16° 4	7°40	14°41	17°57	8°21	17°41	5°26	16° 4	17°43	17°56	21°25	n.a.	T 27
W28	0 0 13	28°19'12	18°46	17°28	8°55	14°47	18° 0	8°25	17°45	5°26	16° 3	17°31	17°53	21°32	n.a.	W28
T 29	0 4 10	29°19'25	3♈ 1	18°51	10°10	14°54	18° 3	8°29	17°49	5°26	16° 2	17°19	17°50	21°38	n.a.	T 29
F 30	0 8 7	0♎19'40	16♈58	20♎14	11♍25	15♒ 2	18♊ 5	8♐32	17♍53	5♑26	16♓ 0	17♐ 8	17♐47	21♋45	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n 7	2n32	5n 1	10n34	1n 6	20n 6	0n56	21s21	5s31	22n46	0s13	21s 2	0n48	6n14	0n43	23s27	0n12	21s29	17s36	23s25	23s20	19n59		n.a.
F 2	10 46	7 59	4 46	9 51	1 0	19 49	0 58	21 22	5 27	22 47	0 13	21 3	0 47	6 12	0 43	23 27	0 12	21 29	17 36	23 24	23 20	19 57		n.a.
S 3	10 24	12 52	4 15	9 7	0 54	19 32	1 0	21 22	5 23	22 48	0 13	21 3	0 47	6 11	0 43	23 27	0 12	21 30	17 36	23 23	23 20	19 55		n.a.
S 4	10 2	16 58	3 31	8 23	0 48	19 14	1 2	21 22	5 19	22 49	0 13	21 4	0 47	6 9	0 43	23 27	0 12	21 30	17 37	23 23	23 19	19 54		n.a.
M 5	9 40	20 7	2 38	7 39	0 42	18 56	1 4	21 21	5 15	22 50	0 13	21 4	0 47	6 8	0 43	23 27	0 12	21 31	17 37	23 23	23 19	19 52		n.a.
T 6	9 18	22 15	1 38	6 54	0 36	18 37	1 6	21 21	5 11	22 50	0 13	21 5	0 47	6 6	0 43	23 27	0 12	21 31	17 37	23 23	23 19	19 50		n.a.
W 7	8 56	23 17	0 36	6 10	0 29	18 18	1 8	21 20	5 7	22 51	0 13	21 5	0 47	6 5	0 43	23 27	0 12	21 32	17 37	23 23	23 18	19 49		n.a.
T 8	8 33	23 13	0s27	5 26	0 23	17 58	1 10	21 19	5 2	22 52	0 13	21 5	0 46	6 3	0 43	23 27	0 12	21 32	17 37	23 23	23 18	19 47		n.a.
F 9	8 10	22 7	1 29	4 41	0 16	17 37	1 11	21 17	4 58	22 53	0 12	21 6	0 46	6 2	0 43	23 27	0 12	21 33	17 37	23 22	23 18	19 45		n.a.
S 10	7 48	20 3	2 26	3 57	0 10	17 16	1 13	21 15	4 54	22 53	0 12	21 6	0 46	6 0	0 43	23 27	0 12	21 33	17 37	23 22	23 18	19 43		n.a.
S 11	7 25	17 7	3 17	3 13	0 3	16 55	1 14	21 13	4 49	22 54	0 12	21 7	0 46	5 59	0 43	23 27	0 12	21 34	17 37	23 22	23 17	19 42		n.a.
M12	7 2	13 28	4 0	2 29	0s 4	16 33	1 16	21 11	4 45	22 55	0 12	21 8	0 46	5 57	0 43	23 27	0 12	21 34	17 37	23 21	23 17	19 40		n.a.
T 13	6 39	9 14	4 33	1 45	0 11	16 10	1 17	21 8	4 40	22 55	0 12	21 8	0 46	5 56	0 43	23 27	0 12	21 35	17 37	23 20	23 17	19 38		n.a.
W14	6 15	4 35	4 53	1 1	0 18	15 47	1 19	21 5	4 36	22 56	0 12	21 9	0 45	5 54	0 43	23 27	0 12	21 35	17 37	23 19	23 17	19 37		n.a.
T 15	5 52	0s20	5 0	0 18	0 24	15 24	1 20	21 2	4 31	22 57	0 12	21 9	0 45	5 53	0 43	23 27	0 12	21 36	17 37	23 18	23 16	19 35		n.a.
F 16	5 28	5 18	4 52	0s26	0 31	15 0	1 21	20 59	4 27	22 57	0 12	21 10	0 45	5 51	0 43	23 27	0 12	21 36	17 37	23 17	23 16	19 33		n.a.
S 17	5 5	10 7	4 29	1 9	0 38	14 36	1 22	20 55	4 22	22 58	0 12	21 10	0 45	5 50	0 43	23 27	0 12	21 36	17 37	23 16	23 16	19 31		n.a.
S 18	4 41	14 33	3 51	1 52	0 45	14 11	1 23	20 52	4 17	22 58	0 12	21 11	0 45	5 48	0 43	23 27	0 12	21 37	17 37	23 15	23 15	19 30		n.a.
M19	4 17	18 20	3 1	2 34	0 52	13 46	1 24	20 47	4 13	22 59	0 12	21 12	0 45	5 47	0 43	23 27	0 12	21 37	17 37	23 14	23 15	19 28		n.a.
T 20	3 53	21 11	1 59	3 16	0 59	13 20	1 25	20 43	4 8	22 59	0 11	21 12	0 45	5 45	0 43	23 27	0 12	21 38	17 37	23 14	23 15	19 26		n.a.
W21	3 30	22 52	0 50	3 58	1 5	12 55	1 26	20 38	4 4	23 0	0 11	21 13	0 44	5 44	0 43	23 27	0 12	21 38	17 37	23 14	23 15	19 24		n.a.
T 22	3 6	23 10	0n23	4 40	1 12	12 28	1 27	20 34	3 59	23 0	0 11	21 14	0 44	5 42	0 43	23 27	0 12	21 39	17 37	23 14	23 14	19 23		n.a.
F 23	2 42	22 1	1 36	5 21	1 18	12 2	1 28	20 29	3 55	23 1	0 11	21 14	0 44	5 41	0 43	23 27	0 12	21 39	17 37	23 14	23 14	19 21		n.a.
S 24	2 17	19 27	2 43	6 1	1 25	11 35	1 28	20 23	3 50	23 1	0 11	21 15	0 44	5 39	0 43	23 27	0 12	21 39	17 37	23 14	23 14	19 19		n.a.
S 25	1 53	15 39	3 42	6 41	1 31	11 8	1 29	20 18	3 46	23 1	0 11	21 16	0 44	5 38	0 43	23 27	0 12	21 40	17 37	23 13	23 13	19 17		n.a.
M26	1 29	10 54	4 26	7 20	1 37	10 40	1 30	20 12	3 42	23 2	0 11	21 16	0 44	5 36	0 43	23 27	0 12	21 40	17 37	23 13	23 13	19 16		n.a.
T 27	1 5	5 32	4 53	7 59	1 43	10 12	1 30	20 7	3 37	23 2	0 11	21 17	0 44	5 35	0 43	23 28	0 12	21 41	17 36	23 12	23 13	19 14		n.a.
W28	0 41	0n 6	5 1	8 38	1 49	9 44	1 30	20 1	3 33	23 3	0 11	21 18	0 43	5 33	0 43	23 28	0 12	21 41	17 36	23 11	23 13	19 12		n.a.
T 29	0 16	5 38	4 50	9 15	1 55	9 15	1 31	19 54	3 29	23 3	0 11	21 19	0 43	5 32	0 43	23 28	0 12	21 41	17 36	23 9	23 12	19 10		n.a.
F 30	0s 8	10n46	4n22	9s52	2s 0	8n47	1n31	19s48	3s24	23n 3	0s10	21s19	0n43	5n31	0n43	23s28	0n12	21s42	17s36	23s 8	23s12	19n 9		n.a.

Julian Day Number = 1490463.5, Delta T = 05h15m08s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'24, Lahiri = -12°41'23 Julian Calendar 1 Sept. 633 BCE == Greg. Calendar 25 Aug. 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

OCTOBER 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 12 3	1♎19'57	0♉33	21♎35	12♍40	15♒10	18♊ 7	8♐36	17♍56	5♑26	15°R59	16°R58	17♐43	21♋52	n.a.	S 1
S 2	0 16 0	2°20'16	13°43	22°56	13°55	15°19	18°10	8°41	18° 0	5°26	15♓58	16♐51	17°40	21°58	n.a.	S 2
M 3	0 19 56	3°20'37	26°29	24°15	15°11	15°29	18°12	8°45	18° 4	5°27	15°57	16°47	17°37	22° 5	n.a.	M 3
T 4	0 23 53	4°21'00	8♊54	25°34	16°26	15°40	18°13	8°49	18° 8	5°27	15°56	16°45	17°34	22°12	n.a.	T 4
W 5	0 27 49	5°21'25	21° 2	26°50	17°41	15°51	18°15	8°53	18°11	5°27	15°55	16°D45	17°31	22°18	n.a.	W 5
T 6	0 31 46	6°21'53	2♋58	28° 6	18°56	16° 2	18°16	8°58	18°15	5°28	15°54	16°R46	17°27	22°25	n.a.	T 6
F 7	0 35 42	7°22'22	14°48	29°20	20°12	16°15	18°17	9° 2	18°18	5°28	15°53	16°45	17°24	22°32	n.a.	F 7
S 8	0 39 39	8°22'53	26°37	0♏31	21°27	16°28	18°18	9° 7	18°22	5°29	15°52	16°44	17°21	22°38	n.a.	S 8
S 9	0 43 36	9°23'26	8♌30	1°41	22°42	16°41	18°19	9°11	18°26	5°29	15°51	16°39	17°18	22°45	n.a.	S 9
M10	0 47 32	10°24'01	20°32	2°49	23°58	16°55	18°19	9°16	18°29	5°30	15°50	16°33	17°15	22°52	n.a.	M10
T 11	0 51 29	11°24'38	2♍46	3°54	25°13	17°10	18°20	9°21	18°33	5°30	15°49	16°24	17°12	22°58	n.a.	T 11
W12	0 55 25	12°25'17	15°16	4°55	26°28	17°26	18°R20	9°26	18°36	5°31	15°48	16°13	17° 8	23° 5	n.a.	W12
T 13	0 59 22	13°25'57	28° 2	5°54	27°44	17°41	18°20	9°30	18°40	5°32	15°47	16° 1	17° 5	23°12	n.a.	T 13
F 14	1 3 18	14°26'39	11♎ 4	6°49	28°59	17°58	18°20	9°35	18°44	5°32	15°46	15°50	17° 2	23°18	n.a.	F 14
S 15	1 7 15	15°27'23	24°22	7°39	0♎15	18°15	18°19	9°40	18°47	5°33	15°45	15°39	16°59	23°25	n.a.	S 15
S 16	1 11 11	16°28'08	7♏52	8°25	1°30	18°33	18°18	9°46	18°51	5°34	15°44	15°32	16°56	23°32	n.a.	S 16
M17	1 15 8	17°28'55	21°33	9° 5	2°46	18°51	18°18	9°51	18°54	5°34	15°43	15°26	16°52	23°38	n.a.	M17
T 18	1 19 5	18°29'43	5♐23	9°39	4° 1	19° 9	18°17	9°56	18°57	5°35	15°42	15°24	16°49	23°45	n.a.	T 18
W19	1 23 1	19°30'32	19°19	10° 7	5°17	19°28	18°15	10° 1	19° 1	5°36	15°41	15°D23	16°46	23°52	n.a.	W19
T 20	1 26 58	20°31'22	3♑19	10°27	6°32	19°48	18°14	10° 7	19° 4	5°37	15°40	15°24	16°43	23°58	n.a.	T 20
F 21	1 30 54	21°32'13	17°24	10°38	7°48	20° 8	18°12	10°12	19° 8	5°38	15°39	15°R25	16°40	24° 5	n.a.	F 21
S 22	1 34 51	22°33'06	1♒31	10°R40	9° 3	20°28	18°10	10°18	19°11	5°39	15°38	15°25	16°37	24°12	n.a.	S 22
S 23	1 38 47	23°33'59	15°40	10°33	10°19	20°49	18° 8	10°23	19°14	5°40	15°37	15°22	16°33	24°18	n.a.	S 23
M24	1 42 44	24°34'53	29°49	10°15	11°34	21°11	18° 6	10°29	19°18	5°41	15°36	15°18	16°30	24°25	n.a.	M24
T 25	1 46 40	25°35'49	13♓55	9°46	12°50	21°32	18° 4	10°34	19°21	5°42	15°35	15°12	16°27	24°32	n.a.	T 25
W26	1 50 37	26°36'45	27°55	9° 6	14° 5	21°55	18° 1	10°40	19°24	5°43	15°34	15° 4	16°24	24°38	n.a.	W26
T 27	1 54 34	27°37'42	11♈44	8°15	15°21	22°17	17°58	10°46	19°27	5°44	15°34	14°55	16°21	24°45	n.a.	T 27
F 28	1 58 30	28°38'40	25°19	7°15	16°37	22°40	17°55	10°52	19°30	5°45	15°33	14°47	16°18	24°52	n.a.	F 28
S 29	2 2 27	29°39'40	8♉36	6° 5	17°52	23° 3	17°52	10°58	19°34	5°46	15°32	14°40	16°14	24°58	n.a.	S 29
S 30	2 6 23	0♏40'40	21°35	4°49	19° 8	23°27	17°48	11° 4	19°37	5°47	15°31	14°36	16°11	25° 5	n.a.	S 30
M31	2 10 20	1♏41'42	4♊15	3♏28	20♎23	23♒51	17♊45	11♐10	19♍40	5♑49	15♓31	14♐33	16♐ 8	25♋12	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s32	15n14	3n39	10s28	2s 6	8n18	1n31	19s41	3s20	23n 4	0s10	21s20	0n43	5n29	0n43	23s28	0n12	21s42	17s36	23s 7	23s12	19n 7		n.a.
S 2	0 57	18 48	2 46	11 3	2 11	7 49	1 31	19 35	3 16	23 4	0 10	21 21	0 43	5 28	0 43	23 28	0 12	21 42	17 36	23 7	23 11	19 5		n.a.
M 3	1 21	21 21	1 46	11 38	2 16	7 19	1 31	19 28	3 12	23 4	0 10	21 22	0 43	5 26	0 43	23 28	0 12	21 43	17 36	23 6	23 11	19 3		n.a.
T 4	1 45	22 47	0 42	12 11	2 20	6 49	1 31	19 21	3 8	23 4	0 10	21 23	0 43	5 25	0 43	23 28	0 12	21 43	17 36	23 6	23 11	19 1		n.a.
W 5	2 9	23 5	0s23	12 43	2 24	6 20	1 31	19 14	3 4	23 5	0 10	21 23	0 42	5 23	0 43	23 28	0 12	21 43	17 36	23 6	23 11	19 0		n.a.
T 6	2 34	22 19	1 25	13 14	2 28	5 50	1 31	19 6	3 0	23 5	0 10	21 24	0 42	5 22	0 43	23 28	0 12	21 44	17 35	23 6	23 10	18 58		n.a.
F 7	2 58	20 34	2 23	13 44	2 31	5 19	1 31	18 59	2 56	23 5	0 10	21 25	0 42	5 20	0 43	23 28	0 12	21 44	17 35	23 6	23 10	18 56		n.a.
S 8	3 22	17 56	3 15	14 13	2 34	4 49	1 30	18 51	2 52	23 5	0 10	21 26	0 42	5 19	0 43	23 28	0 12	21 44	17 35	23 6	23 10	18 54		n.a.
S 9	3 46	14 32	3 59	14 40	2 37	4 18	1 30	18 43	2 48	23 5	0 10	21 27	0 42	5 17	0 43	23 28	0 12	21 45	17 35	23 6	23 9	18 52		n.a.
M10	4 10	10 32	4 33	15 6	2 39	3 48	1 29	18 35	2 44	23 6	0 9	21 27	0 42	5 16	0 43	23 28	0 12	21 45	17 35	23 5	23 9	18 51		n.a.
T 11	4 34	6 3	4 55	15 30	2 40	3 17	1 29	18 27	2 41	23 6	0 9	21 28	0 42	5 15	0 43	23 28	0 12	21 45	17 35	23 4	23 9	18 49		n.a.
W12	4 58	1 14	5 3	15 52	2 41	2 46	1 28	18 19	2 37	23 6	0 9	21 29	0 42	5 13	0 43	23 28	0 12	21 45	17 35	23 3	23 8	18 47		n.a.
T 13	5 22	3s44	4 57	16 12	2 41	2 15	1 28	18 10	2 33	23 6	0 9	21 30	0 41	5 12	0 43	23 28	0 12	21 46	17 34	23 2	23 8	18 45		n.a.
F 14	5 46	8 38	4 35	16 30	2 41	1 44	1 27	18 2	2 30	23 6	0 9	21 31	0 41	5 10	0 43	23 28	0 12	21 46	17 34	23 0	23 8	18 43		n.a.
S 15	6 10	13 15	3 58	16 46	2 39	1 13	1 26	17 53	2 26	23 6	0 9	21 32	0 41	5 9	0 43	23 28	0 12	21 46	17 34	22 59	23 7	18 42		n.a.
S 16	6 34	17 16	3 7	16 59	2 37	0 42	1 25	17 44	2 23	23 6	0 9	21 33	0 41	5 8	0 43	23 28	0 12	21 46	17 34	22 58	23 7	18 40		n.a.
M17	6 57	20 24	2 4	17 9	2 34	0 11	1 24	17 35	2 19	23 6	0 9	21 34	0 41	5 6	0 43	23 28	0 12	21 47	17 34	22 58	23 7	18 38		n.a.
T 18	7 21	22 22	0 53	17 16	2 29	0s21	1 23	17 26	2 16	23 6	0 9	21 35	0 41	5 5	0 43	23 27	0 12	21 47	17 33	22 58	23 6	18 36		n.a.
W19	7 44	22 59	0n21	17 19	2 24	0 52	1 22	17 17	2 12	23 6	0 8	21 35	0 41	5 4	0 43	23 27	0 12	21 47	17 33	22 57	23 6	18 34		n.a.
T 20	8 7	22 9	1 35	17 19	2 17	1 23	1 21	17 7	2 9	23 6	0 8	21 36	0 41	5 2	0 43	23 27	0 12	21 47	17 33	22 58	23 6	18 32		n.a.
F 21	8 31	19 56	2 43	17 15	2 8	1 55	1 20	16 58	2 6	23 6	0 8	21 37	0 40	5 1	0 43	23 27	0 12	21 47	17 33	22 58	23 6	18 30		n.a.
S 22	8 54	16 30	3 42	17 6	1 58	2 26	1 19	16 48	2 3	23 6	0 8	21 38	0 40	5 0	0 43	23 27	0 12	21 47	17 33	22 58	23 5	18 29		n.a.
S 23	9 16	12 7	4 27	16 53	1 47	2 57	1 18	16 38	2 0	23 6	0 8	21 39	0 40	4 58	0 43	23 27	0 11	21 48	17 32	22 57	23 5	18 27		n.a.
M24	9 39	7 4	4 56	16 35	1 34	3 28	1 16	16 28	1 57	23 6	0 8	21 40	0 40	4 57	0 43	23 27	0 11	21 48	17 32	22 57	23 5	18 25		n.a.
T 25	10 2	1 42	5 7	16 11	1 19	3 59	1 15	16 18	1 53	23 6	0 8	21 41	0 40	4 56	0 43	23 27	0 11	21 48	17 32	22 56	23 4	18 23		n.a.
W26	10 24	3n44	4 59	15 43	1 3	4 30	1 14	16 8	1 50	23 6	0 8	21 42	0 40	4 55	0 43	23 27	0 11	21 48	17 32	22 55	23 4	18 21		n.a.
T 27	10 46	8 54	4 35	15 10	0 45	5 1	1 12	15 58	1 48	23 6	0 7	21 43	0 40	4 53	0 43	23 27	0 11	21 48	17 31	22 54	23 4	18 19		n.a.
F 28	11 8	13 33	3 54	14 32	0 26	5 32	1 11	15 48	1 45	23 5	0 7	21 44	0 40	4 52	0 43	23 27	0 11	21 48	17 31	22 53	23 3	18 17		n.a.
S 29	11 30	17 26	3 2	13 50	0 6	6 3	1 9	15 37	1 42	23 5	0 7	21 45	0 39	4 51	0 43	23 27	0 11	21 48	17 31	22 53	23 3	18 16		n.a.
S 30	11 52	20 22	2 1	13 5	0n14	6 33	1 7	15 26	1 39	23 5	0 7	21 46	0 39	4 50	0 43	23 27	0 11	21 48	17 30	22 52	23 3	18 14		n.a.
M31	12s14	22n12	0n56	12s18	0n35	7s 4	1n 6	15s16	1s36	23n 5	0s 7	21s47	0n39	4n48	0n43	23s27	0n11	21s48	17s30	22s52	23s 2	18n12		n.a.

Julian Day Number = 1490493.5, Delta T = 05h15m07s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'20, Lahiri = -12°41'19 Julian Calendar 1 Oct. 633 BCE == Greg. Calendar 24 Sept. 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

NOVEMBER 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 14 16	2♏42'45	16♊38	2°R 6	21♎39	24♒16	17°R41	11♐16	19♍43	5♑50	15°R30	14°D33	16♐ 5	25♋19	n.a.	T 1
W 2	2 18 13	3°43'49	28°46	0♏44	22°54	24°40	17♊37	11°22	19°46	5°51	15♓29	14♐34	16° 2	25°25	n.a.	W 2
T 3	2 22 9	4°44'54	10♋43	29♎25	24°10	25° 6	17°33	11°28	19°49	5°52	15°28	14°35	15°58	25°32	n.a.	T 3
F 4	2 26 6	5°46'01	22°34	28°13	25°26	25°31	17°29	11°34	19°52	5°54	15°28	14°37	15°55	25°39	n.a.	F 4
S 5	2 30 3	6°47'08	4♌24	27° 9	26°41	25°57	17°24	11°40	19°55	5°55	15°27	14°R38	15°52	25°45	n.a.	S 5
S 6	2 33 59	7°48'17	16°17	26°15	27°57	26°23	17°19	11°47	19°57	5°56	15°26	14°37	15°49	25°52	n.a.	S 6
M 7	2 37 56	8°49'26	28°19	25°31	29°13	26°49	17°15	11°53	20° 0	5°58	15°26	14°35	15°46	25°59	n.a.	M 7
T 8	2 41 52	9°50'37	10♍35	24°59	0♏28	27°16	17°10	11°59	20° 3	5°59	15°25	14°32	15°43	26° 5	n.a.	T 8
W 9	2 45 49	10°51'48	23° 9	24°37	1°44	27°43	17° 4	12° 6	20° 6	6° 1	15°25	14°27	15°39	26°12	n.a.	W 9
T 10	2 49 45	11°53'01	6♎ 2	24°D27	2°59	28°10	16°59	12°12	20° 9	6° 2	15°24	14°21	15°36	26°19	n.a.	T 10
F 11	2 53 42	12°54'14	19°16	24°28	4°15	28°37	16°53	12°19	20°11	6° 4	15°23	14°16	15°33	26°25	n.a.	F 11
S 12	2 57 38	13°55'28	2♏51	24°37	5°31	29° 5	16°48	12°25	20°14	6° 5	15°23	14°11	15°30	26°32	n.a.	S 12
S 13	3 1 35	14°56'43	16°45	24°56	6°46	29°33	16°42	12°32	20°16	6° 7	15°22	14° 7	15°27	26°39	n.a.	S 13
M14	3 5 32	15°57'58	0♐52	25°23	8° 2	0♓ 1	16°36	12°38	20°19	6° 8	15°22	14° 5	15°23	26°45	n.a.	M14
T 15	3 9 28	16°59'13	15°10	25°57	9°17	0°30	16°30	12°45	20°22	6°10	15°21	14°D 4	15°20	26°52	n.a.	T 15
W16	3 13 25	18° 0'29	29°33	26°38	10°33	0°59	16°24	12°52	20°24	6°12	15°21	14° 5	15°17	26°59	n.a.	W16
T 17	3 17 21	19° 1'46	13♑57	27°24	11°49	1°28	16°17	12°58	20°26	6°13	15°20	14° 6	15°14	27° 5	n.a.	T 17
F 18	3 21 18	20° 3'02	28°17	28°16	13° 4	1°57	16°11	13° 5	20°29	6°15	15°20	14° 8	15°11	27°12	n.a.	F 18
S 19	3 25 14	21° 4'18	12♒31	29°12	14°20	2°27	16° 4	13°12	20°31	6°17	15°20	14° 9	15° 8	27°19	n.a.	S 19
S 20	3 29 11	22° 5'34	26°37	0♏12	15°35	2°56	15°57	13°18	20°33	6°18	15°19	14°R 9	15° 4	27°25	n.a.	S 20
M21	3 33 7	23° 6'50	10♓33	1°15	16°51	3°26	15°50	13°25	20°36	6°20	15°19	14° 8	15° 1	27°32	n.a.	M21
T 22	3 37 4	24° 8'06	24°18	2°22	18° 7	3°56	15°43	13°32	20°38	6°22	15°19	14° 6	14°58	27°39	n.a.	T 22
W23	3 41 1	25° 9'21	7♈52	3°31	19°22	4°26	15°36	13°39	20°40	6°24	15°18	14° 4	14°55	27°45	n.a.	W23
T 24	3 44 57	26°10'37	21°13	4°42	20°38	4°57	15°29	13°46	20°42	6°26	15°18	14° 1	14°52	27°52	n.a.	T 24
F 25	3 48 54	27°11'52	4♉21	5°56	21°53	5°28	15°22	13°53	20°44	6°28	15°18	13°58	14°49	27°59	n.a.	F 25
S 26	3 52 50	28°13'08	17°15	7°12	23° 9	5°59	15°14	14° 0	20°46	6°29	15°18	13°56	14°45	28° 6	n.a.	S 26
S 27	3 56 47	29°14'23	29°56	8°29	24°24	6°30	15° 7	14° 7	20°48	6°31	15°17	13°55	14°42	28°12	n.a.	S 27
M28	4 0 43	0♐15'39	12♊23	9°48	25°40	7° 1	14°59	14°14	20°50	6°33	15°17	13°D54	14°39	28°19	n.a.	M28
T 29	4 4 40	1°16'54	24°38	11° 8	26°55	7°32	14°52	14°21	20°52	6°35	15°17	13°55	14°36	28°26	n.a.	T 29
W30	4 8 37	2♐18'10	6♋42	12♏29	28♏11	8♓ 4	14♊44	14♐28	20♍54	6♑37	15♓17	13♐56	14♐33	28♋32	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s35	22n54	0s11	11s30	0n55	7s34	1n 4	15s 5	1s33	23n 5	0s 7	21s48	0n39	4n47	0n43	23s27	0n11	21s48	17s30	22s52	23s 2	18n10		n.a.
W 2	12 56	22 29	1 17	10 43	1 14	8 4	1 2	14 54	1 31	23 4	0 7	21 49	0 39	4 46	0 43	23 27	0 11	21 48	17 30	22 52	23 2	18 8		n.a.
T 3	13 17	21 3	2 18	9 59	1 32	8 34	1 0	14 43	1 28	23 4	0 7	21 50	0 39	4 45	0 43	23 27	0 11	21 48	17 29	22 52	23 1	18 6		n.a.
F 4	13 38	18 42	3 12	9 18	1 49	9 4	0 59	14 32	1 25	23 4	0 6	21 51	0 39	4 44	0 43	23 27	0 11	21 48	17 29	22 52	23 1	18 4		n.a.
S 5	13 58	15 34	3 58	8 41	2 3	9 33	0 57	14 21	1 23	23 4	0 6	21 51	0 39	4 43	0 43	23 27	0 11	21 48	17 29	22 52	23 1	18 2		n.a.
S 6	14 18	11 48	4 35	8 10	2 15	10 2	0 55	14 9	1 20	23 3	0 6	21 52	0 39	4 42	0 43	23 27	0 11	21 48	17 28	22 52	23 0	18 1		n.a.
M 7	14 38	7 32	5 0	7 45	2 25	10 31	0 53	13 58	1 18	23 3	0 6	21 53	0 38	4 40	0 43	23 27	0 11	21 48	17 28	22 52	23 0	17 59		n.a.
T 8	14 58	2 54	5 11	7 26	2 33	11 0	0 51	13 46	1 15	23 3	0 6	21 54	0 38	4 39	0 43	23 27	0 11	21 48	17 28	22 52	23 0	17 57		n.a.
W 9	15 17	1s57	5 8	7 12	2 39	11 29	0 49	13 34	1 13	23 2	0 6	21 55	0 38	4 38	0 43	23 27	0 11	21 48	17 28	22 51	22 59	17 55		n.a.
T 10	15 37	6 51	4 50	7 5	2 43	11 57	0 47	13 23	1 11	23 2	0 6	21 56	0 38	4 37	0 43	23 27	0 11	21 48	17 27	22 50	22 59	17 53		n.a.
F 11	15 56	11 35	4 16	7 3	2 45	12 25	0 45	13 11	1 8	23 1	0 6	21 57	0 38	4 36	0 43	23 27	0 11	21 48	17 27	22 50	22 59	17 51		n.a.
S 12	16 14	15 52	3 27	7 6	2 46	12 52	0 42	12 59	1 6	23 1	0 5	21 58	0 38	4 35	0 43	23 27	0 11	21 48	17 27	22 49	22 58	17 49		n.a.
S 13	16 33	19 22	2 24	7 13	2 46	13 20	0 40	12 47	1 4	23 1	0 5	21 59	0 38	4 34	0 43	23 27	0 11	21 48	17 26	22 49	22 58	17 47		n.a.
M14	16 51	21 47	1 12	7 25	2 44	13 47	0 38	12 35	1 2	23 0	0 5	22 0	0 38	4 33	0 43	23 26	0 11	21 48	17 26	22 48	22 57	17 45		n.a.
T 15	17 8	22 50	0n 6	7 40	2 41	14 13	0 36	12 22	0 59	23 0	0 5	22 1	0 38	4 32	0 44	23 26	0 11	21 48	17 26	22 48	22 57	17 43		n.a.
W16	17 26	22 22	1 24	7 58	2 38	14 40	0 34	12 10	0 57	22 59	0 5	22 2	0 38	4 31	0 44	23 26	0 11	21 48	17 25	22 48	22 57	17 41		n.a.
T 17	17 43	20 26	2 37	8 19	2 33	15 5	0 31	11 58	0 55	22 59	0 5	22 3	0 37	4 30	0 44	23 26	0 11	21 48	17 25	22 49	22 56	17 39		n.a.
F 18	18 0	17 12	3 40	8 42	2 28	15 31	0 29	11 45	0 53	22 58	0 5	22 4	0 37	4 29	0 44	23 26	0 11	21 47	17 25	22 49	22 56	17 38		n.a.
S 19	18 16	12 59	4 29	9 7	2 23	15 56	0 27	11 32	0 51	22 57	0 4	22 5	0 37	4 28	0 44	23 26	0 11	21 47	17 24	22 49	22 56	17 36		n.a.
S 20	18 33	8 6	5 1	9 34	2 17	16 21	0 25	11 20	0 49	22 57	0 4	22 6	0 37	4 28	0 44	23 26	0 11	21 47	17 24	22 49	22 55	17 34		n.a.
M21	18 48	2 52	5 15	10 2	2 10	16 45	0 22	11 7	0 47	22 56	0 4	22 7	0 37	4 27	0 44	23 26	0 11	21 47	17 24	22 49	22 55	17 32		n.a.
T 22	19 4	2n27	5 10	10 32	2 3	17 9	0 20	10 54	0 45	22 56	0 4	22 8	0 37	4 26	0 44	23 26	0 11	21 47	17 23	22 49	22 55	17 30		n.a.
W23	19 19	7 34	4 49	11 2	1 56	17 32	0 18	10 41	0 43	22 55	0 4	22 9	0 37	4 25	0 44	23 26	0 11	21 46	17 23	22 48	22 54	17 28		n.a.
T 24	19 34	12 16	4 12	11 33	1 49	17 55	0 15	10 28	0 41	22 54	0 4	22 10	0 37	4 24	0 44	23 26	0 11	21 46	17 23	22 48	22 54	17 26		n.a.
F 25	19 48	16 18	3 22	12 5	1 42	18 17	0 13	10 15	0 39	22 54	0 4	22 10	0 37	4 23	0 44	23 26	0 11	21 46	17 22	22 48	22 54	17 24		n.a.
S 26	20 2	19 29	2 22	12 37	1 34	18 39	0 11	10 2	0 38	22 53	0 3	22 11	0 37	4 23	0 44	23 26	0 11	21 46	17 22	22 47	22 53	17 22		n.a.
S 27	20 16	21 40	1 17	13 10	1 27	19 0	0 8	9 48	0 36	22 52	0 3	22 12	0 37	4 22	0 44	23 26	0 11	21 46	17 21	22 47	22 53	17 20		n.a.
M28	20 29	22 44	0 8	13 42	1 19	19 21	0 6	9 35	0 34	22 52	0 3	22 13	0 36	4 21	0 44	23 26	0 11	21 45	17 21	22 47	22 52	17 18		n.a.
T 29	20 42	22 41	0s59	14 15	1 11	19 41	0 3	9 21	0 32	22 51	0 3	22 14	0 36	4 20	0 44	23 25	0 11	21 45	17 21	22 47	22 52	17 16		n.a.
W30	20s55	21n33	2s 3	14s47	1n 4	20s 1	0n 1	9s 8	0s30	22n50	0s 3	22s15	0n36	4n20	0n44	23s25	0n11	21s45	17s20	22s47	22s52	17n14		n.a.

Julian Day Number = 1490524.5, Delta T = 05h15m05s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'15, Lahiri = -12°41'15 Julian Calendar 1 Nov. 633 BCE == Greg. Calendar 25 Oct. 633 BCE

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ASTRODIENST EPHEMERIS for the year 633 BCE
geocentric

DECEMBER 633 BCE (-632) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 12 33	3♐19'25	18♋37	13♏52	29♏26	8♓35	14°R36	14♐35	20♍56	6♑39	15°R17	13♐57	14♐29	28♋39	n.a.	T 1
F 2	4 16 30	4°20'41	0♌28	15°15	0♐42	9° 7	14♊28	14°42	20°57	6°41	15♓17	13°58	14°26	28°46	n.a.	F 2
S 3	4 20 26	5°21'56	12°18	16°39	1°57	9°39	14°21	14°49	20°59	6°43	15°17	13°59	14°23	28°52	n.a.	S 3
S 4	4 24 23	6°23'11	24°11	18° 4	3°13	10°11	14°13	14°56	21° 1	6°45	15°16	13°59	14°20	28°59	n.a.	S 4
M 5	4 28 19	7°24'26	6♍11	19°30	4°28	10°44	14° 5	15° 3	21° 2	6°47	15°16	14°R 0	14°17	29° 6	n.a.	M 5
T 6	4 32 16	8°25'41	18°25	20°57	5°44	11°16	13°57	15°10	21° 4	6°49	15°D16	13°59	14°14	29°12	n.a.	T 6
W 7	4 36 12	9°26'56	0♎55	22°24	6°59	11°48	13°49	15°17	21° 5	6°51	15°16	13°59	14°10	29°19	n.a.	W 7
T 8	4 40 9	10°28'11	13°46	23°52	8°15	12°21	13°41	15°24	21° 6	6°53	15°16	13°59	14° 7	29°26	n.a.	T 8
F 9	4 44 6	11°29'25	27° 1	25°20	9°30	12°54	13°32	15°31	21° 8	6°55	15°17	13°58	14° 4	29°32	n.a.	F 9
S 10	4 48 2	12°30'39	10♏41	26°49	10°45	13°27	13°24	15°38	21° 9	6°57	15°17	13°58	14° 1	29°39	n.a.	S 10
S 11	4 51 59	13°31'53	24°46	28°19	12° 1	14° 0	13°16	15°46	21°10	7° 0	15°17	13°D58	13°58	29°46	n.a.	S 11
M12	4 55 55	14°33'07	9♐12	29°49	13°16	14°33	13° 8	15°53	21°12	7° 2	15°17	13°R58	13°55	29°52	n.a.	M12
T 13	4 59 52	15°34'19	23°54	1♐20	14°32	15° 7	13° 0	16° 0	21°13	7° 4	15°17	13°58	13°51	29°59	n.a.	T 13
W14	5 3 48	16°35'31	8♑45	2°51	15°47	15°40	12°52	16° 7	21°14	7° 6	15°17	13°58	13°48	0♌ 6	n.a.	W14
T 15	5 7 45	17°36'43	23°38	4°23	17° 2	16°14	12°44	16°14	21°15	7° 8	15°17	13°58	13°45	0°13	n.a.	T 15
F 16	5 11 42	18°37'53	8♒24	5°55	18°18	16°47	12°36	16°21	21°16	7°10	15°18	13°57	13°42	0°19	n.a.	F 16
S 17	5 15 38	19°39'02	22°57	7°28	19°33	17°21	12°28	16°28	21°17	7°13	15°18	13°57	13°39	0°26	n.a.	S 17
S 18	5 19 35	20°40'10	7♓14	9° 2	20°49	17°55	12°20	16°35	21°17	7°15	15°18	13°56	13°35	0°33	n.a.	S 18
M19	5 23 31	21°41'16	21°11	10°36	22° 4	18°29	12°12	16°43	21°18	7°17	15°18	13°D56	13°32	0°39	n.a.	M19
T 20	5 27 28	22°42'22	4♈49	12°11	23°19	19° 3	12° 4	16°50	21°19	7°19	15°19	13°56	13°29	0°46	n.a.	T 20
W21	5 31 24	23°43'26	18° 8	13°46	24°34	19°37	11°56	16°57	21°20	7°21	15°19	13°57	13°26	0°53	n.a.	W21
T 22	5 35 21	24°44'29	1♉ 9	15°22	25°50	20°11	11°49	17° 4	21°20	7°24	15°19	13°58	13°23	0°59	n.a.	T 22
F 23	5 39 17	25°45'31	13°56	16°58	27° 5	20°46	11°41	17°11	21°21	7°26	15°20	13°59	13°20	1° 6	n.a.	F 23
S 24	5 43 14	26°46'32	26°28	18°35	28°20	21°20	11°33	17°18	21°21	7°28	15°20	14° 0	13°16	1°13	n.a.	S 24
S 25	5 47 11	27°47'31	8♊50	20°13	29°36	21°55	11°26	17°25	21°22	7°30	15°21	14°R 0	13°13	1°19	n.a.	S 25
M26	5 51 7	28°48'29	21° 2	21°51	0♑51	22°29	11°19	17°32	21°22	7°33	15°21	14° 0	13°10	1°26	n.a.	M26
T 27	5 55 4	29°49'26	3♋ 6	23°30	2° 6	23° 4	11°11	17°39	21°23	7°35	15°21	13°59	13° 7	1°33	n.a.	T 27
W28	5 59 0	0♑50'22	15° 3	25°10	3°21	23°38	11° 4	17°46	21°23	7°37	15°22	13°58	13° 4	1°40	n.a.	W28
T 29	6 2 57	1°51'16	26°56	26°50	4°36	24°13	10°57	17°53	21°23	7°39	15°22	13°55	13° 1	1°46	n.a.	T 29
F 30	6 6 53	2°52'10	8♌47	28°31	5°52	24°48	10°50	18° 0	21°23	7°42	15°23	13°52	12°57	1°53	n.a.	F 30
S 31	6 10 50	3♑53'02	20♌37	0♑13	7♑ 7	25♓23	10♊43	18♐ 7	21♍24	7♑44	15♓24	13♐48	12♐54	2♌ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21s 7	19n28	3s 1	15s20	0n56	20s20	0s 1	8s54	0s29	22n50	0s 3	22s16	0n36	4n19	0n44	23s25	0n11	21s45	17s20	22s47	22s51	17n12			n.a.
F 2	21 18	16 35	3 51	15 52	0 48	20 38	0 4	8 41	0 27	22 49	0 2	22 17	0 36	4 18	0 44	23 25	0 11	21 44	17 20	22 48	22 51	17 10			n.a.
S 3	21 30	13 1	4 30	16 24	0 40	20 56	0 6	8 27	0 25	22 48	0 2	22 18	0 36	4 18	0 44	23 25	0 11	21 44	17 19	22 48	22 51	17 8			n.a.
S 4	21 40	8 57	4 59	16 56	0 33	21 14	0 9	8 13	0 24	22 47	0 2	22 19	0 36	4 17	0 44	23 25	0 11	21 44	17 19	22 48	22 50	17 6			n.a.
M 5	21 51	4 30	5 15	17 27	0 25	21 30	0 11	7 59	0 22	22 46	0 2	22 19	0 36	4 17	0 44	23 25	0 11	21 43	17 18	22 48	22 50	17 4			n.a.
T 6	22 1	0s12	5 17	17 57	0 18	21 47	0 13	7 45	0 21	22 46	0 2	22 20	0 36	4 16	0 44	23 25	0 11	21 43	17 18	22 48	22 49	17 2			n.a.
W 7	22 10	5 0	5 4	18 28	0 10	22 2	0 16	7 31	0 19	22 45	0 2	22 21	0 36	4 15	0 44	23 25	0 11	21 43	17 18	22 48	22 49	17 0			n.a.
T 8	22 20	9 44	4 36	18 57	0 3	22 17	0 18	7 17	0 18	22 44	0 2	22 22	0 36	4 15	0 44	23 25	0 11	21 42	17 17	22 48	22 49	16 58			n.a.
F 9	22 28	14 9	3 52	19 26	0s 4	22 31	0 20	7 3	0 16	22 43	0 1	22 23	0 36	4 14	0 44	23 25	0 11	21 42	17 17	22 48	22 48	16 56			n.a.
S 10	22 37	18 0	2 55	19 54	0 11	22 44	0 22	6 49	0 15	22 42	0 1	22 24	0 36	4 14	0 44	23 24	0 11	21 42	17 17	22 48	22 48	16 54			n.a.
S 11	22 44	20 55	1 45	20 22	0 18	22 57	0 25	6 35	0 13	22 41	0 1	22 25	0 35	4 14	0 44	23 24	0 11	21 41	17 16	22 48	22 48	16 52			n.a.
M12	22 52	22 34	0 26	20 48	0 25	23 9	0 27	6 21	0 12	22 40	0 1	22 25	0 35	4 13	0 44	23 24	0 11	21 41	17 16	22 48	22 47	16 50			n.a.
T 13	22 59	22 43	0n55	21 14	0 32	23 21	0 29	6 6	0 10	22 40	0 1	22 26	0 35	4 13	0 44	23 24	0 11	21 40	17 16	22 48	22 47	16 48			n.a.
W14	23 5	21 15	2 13	21 39	0 38	23 31	0 31	5 52	0 9	22 39	0 1	22 27	0 35	4 12	0 45	23 24	0 11	21 40	17 15	22 48	22 46	16 46			n.a.
T 15	23 11	18 20	3 23	22 3	0 45	23 41	0 34	5 38	0 8	22 38	0 0	22 28	0 35	4 12	0 45	23 24	0 11	21 40	17 15	22 47	22 46	16 44			n.a.
F 16	23 17	14 15	4 19	22 26	0 51	23 51	0 36	5 23	0 6	22 37	0 0	22 29	0 35	4 12	0 45	23 24	0 11	21 39	17 14	22 47	22 46	16 42			n.a.
S 17	23 22	9 23	4 57	22 48	0 57	23 59	0 38	5 8	0 5	22 36	0 0	22 30	0 35	4 11	0 45	23 24	0 11	21 39	17 14	22 47	22 45	16 40			n.a.
S 18	23 26	4 6	5 15	23 9	1 3	24 7	0 40	4 54	0 4	22 35	0n 0	22 30	0 35	4 11	0 45	23 24	0 11	21 38	17 14	22 47	22 45	16 38			n.a.
M19	23 30	1n16	5 15	23 28	1 8	24 14	0 42	4 39	0 2	22 34	0 0	22 31	0 35	4 11	0 45	23 23	0 11	21 38	17 13	22 47	22 44	16 36			n.a.
T 20	23 34	6 28	4 57	23 47	1 14	24 20	0 44	4 25	0 1	22 33	0 0	22 32	0 35	4 10	0 45	23 23	0 11	21 37	17 13	22 47	22 44	16 34			n.a.
W21	23 37	11 15	4 23	24 4	1 19	24 26	0 46	4 10	0n 0	22 32	0 0	22 33	0 35	4 10	0 45	23 23	0 11	21 37	17 13	22 47	22 44	16 32			n.a.
T 22	23 40	15 24	3 36	24 21	1 24	24 30	0 48	3 55	0 1	22 32	0 1	22 33	0 35	4 10	0 45	23 23	0 11	21 36	17 12	22 48	22 43	16 30			n.a.
F 23	23 42	18 46	2 39	24 35	1 28	24 34	0 50	3 40	0 2	22 31	0 1	22 34	0 35	4 10	0 45	23 23	0 10	21 36	17 12	22 48	22 43	16 28			n.a.
S 24	23 44	21 11	1 36	24 49	1 33	24 38	0 52	3 26	0 4	22 30	0 1	22 35	0 35	4 10	0 45	23 23	0 10	21 35	17 11	22 48	22 42	16 26			n.a.
S 25	23 45	22 33	0 29	25 1	1 37	24 40	0 54	3 11	0 5	22 29	0 1	22 36	0 34	4 9	0 45	23 23	0 10	21 35	17 11	22 48	22 42	16 24			n.a.
M26	23 46	22 49	0s39	25 12	1 41	24 42	0 56	2 56	0 6	22 28	0 1	22 36	0 34	4 9	0 45	23 23	0 10	21 34	17 11	22 48	22 42	16 22			n.a.
T 27	23 46	22 0	1 44	25 21	1 44	24 43	0 58	2 41	0 7	22 27	0 1	22 37	0 34	4 9	0 45	23 23	0 10	21 34	17 10	22 48	22 41	16 20			n.a.
W28	23 46	20 12	2 43	25 28	1 48	24 43	0 59	2 26	0 8	22 26	0 2	22 38	0 34	4 9	0 45	23 22	0 10	21 33	17 10	22 48	22 41	16 18			n.a.
T 29	23 45	17 32	3 36	25 35	1 51	24 42	1 1	2 11	0 9	22 25	0 2	22 39	0 34	4 9	0 45	23 22	0 10	21 33	17 10	22 47	22 40	16 16			n.a.
F 30	23 44	14 10	4 18	25 39	1 53	24 41	1 3	1 56	0 10	22 25	0 2	22 39	0 34	4 9	0 45	23 22	0 10	21 32	17 9	22 47	22 40	16 14			n.a.
S 31	23s43	10n14	4s50	25s42	1s56	24s39	1s 4	1s41	0n11	22n24	0n 2	22s40	0n34	4n 9	0n45	23s22	0n10	21s32	17s 9	22s46	22s40	16n12			n.a.

Julian Day Number = 1490554.5, Delta T = 05h15m04s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'11, Lahiri = -12°41'11 Julian Calendar 1 Dec. 633 BCE == Greg. Calendar 24 Nov. 633 BCE

The year -632 astronomical counting style corresponds to year 633 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

JANUARY 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 14 46	4♉53'53	2♍31	1♉56	8♉22	25♓58	10°R36	18♐14	21♍24	7♉46	15♓24	13°R45	12♐51	2♌ 6	n.a.	S 1
M 2	6 18 43	5°54'43	14°31	3°39	9°37	26°33	10♊29	18°21	21°R24	7°48	15°25	13♐43	12°48	2°13	n.a.	M 2
T 3	6 22 40	6°55'32	26°42	5°23	10°52	27° 8	10°23	18°28	21°24	7°51	15°25	13°41	12°45	2°20	n.a.	T 3
W 4	6 26 36	7°56'20	9♎ 7	7° 8	12° 7	27°43	10°16	18°35	21°23	7°53	15°26	13°D41	12°41	2°26	n.a.	W 4
T 5	6 30 33	8°57'06	21°51	8°54	13°23	28°19	10°10	18°42	21°23	7°55	15°27	13°41	12°38	2°33	n.a.	T 5
F 6	6 34 29	9°57'51	4♏59	10°40	14°38	28°54	10° 4	18°48	21°23	7°58	15°27	13°43	12°35	2°40	n.a.	F 6
S 7	6 38 26	10°58'35	18°33	12°27	15°53	29°29	9°58	18°55	21°23	8° 0	15°28	13°44	12°32	2°46	n.a.	S 7
S 8	6 42 22	11°59'18	2♐34	14°15	17° 8	0♈ 5	9°52	19° 2	21°23	8° 2	15°29	13°46	12°29	2°53	n.a.	S 8
M 9	6 46 19	13° 0'00	17° 2	16° 4	18°23	0°40	9°46	19° 9	21°22	8° 4	15°29	13°R46	12°26	3° 0	n.a.	M 9
T 10	6 50 15	14° 0'40	1♉53	17°53	19°38	1°16	9°41	19°15	21°22	8° 7	15°30	13°45	12°22	3° 7	n.a.	T 10
W11	6 54 12	15° 1'19	17° 0	19°43	20°53	1°52	9°35	19°22	21°21	8° 9	15°31	13°42	12°19	3°13	n.a.	W11
T 12	6 58 9	16° 1'56	2♒13	21°33	22° 8	2°27	9°30	19°29	21°21	8°11	15°32	13°38	12°16	3°20	n.a.	T 12
F 13	7 2 5	17° 2'31	17°23	23°24	23°23	3° 3	9°25	19°35	21°20	8°13	15°33	13°33	12°13	3°27	n.a.	F 13
S 14	7 6 2	18° 3'04	2♓19	25°15	24°38	3°39	9°20	19°42	21°19	8°16	15°33	13°28	12°10	3°33	n.a.	S 14
S 15	7 9 58	19° 3'35	16°54	27° 7	25°53	4°15	9°15	19°48	21°19	8°18	15°34	13°24	12° 7	3°40	n.a.	S 15
M16	7 13 55	20° 4'04	1♈ 4	28°58	27° 8	4°50	9°11	19°55	21°18	8°20	15°35	13°21	12° 3	3°47	n.a.	M16
T 17	7 17 51	21° 4'32	14°47	0♒49	28°23	5°26	9° 6	20° 1	21°17	8°22	15°36	13°19	12° 0	3°53	n.a.	T 17
W18	7 21 48	22° 4'57	28° 4	2°40	29°38	6° 2	9° 2	20° 8	21°16	8°25	15°37	13°D19	11°57	4° 0	n.a.	W18
T 19	7 25 44	23° 5'20	10♉59	4°30	0♒53	6°38	8°58	20°14	21°15	8°27	15°38	13°20	11°54	4° 7	n.a.	T 19
F 20	7 29 41	24° 5'41	23°33	6°20	2° 7	7°14	8°54	20°21	21°15	8°29	15°39	13°22	11°51	4°13	n.a.	F 20
S 21	7 33 38	25° 5'59	5♊53	8° 8	3°22	7°50	8°50	20°27	21°13	8°31	15°40	13°23	11°47	4°20	n.a.	S 21
S 22	7 37 34	26° 6'16	18° 1	9°54	4°37	8°26	8°47	20°33	21°12	8°33	15°41	13°R23	11°44	4°27	n.a.	S 22
M23	7 41 31	27° 6'31	0♋ 1	11°39	5°52	9° 3	8°43	20°39	21°11	8°36	15°42	13°22	11°41	4°34	n.a.	M23
T 24	7 45 27	28° 6'44	11°56	13°20	7° 7	9°39	8°40	20°46	21°10	8°38	15°43	13°18	11°38	4°40	n.a.	T 24
W25	7 49 24	29° 6'54	23°48	14°59	8°21	10°15	8°37	20°52	21° 9	8°40	15°44	13°12	11°35	4°47	n.a.	W25
T 26	7 53 20	0♒ 7'03	5♌39	16°34	9°36	10°51	8°35	20°58	21° 8	8°42	15°45	13° 4	11°32	4°54	n.a.	T 26
F 27	7 57 17	1° 7'10	17°30	18° 5	10°51	11°27	8°32	21° 4	21° 6	8°44	15°46	12°55	11°28	5° 0	n.a.	F 27
S 28	8 1 13	2° 7'15	29°24	19°31	12° 6	12° 4	8°30	21°10	21° 5	8°46	15°47	12°45	11°25	5° 7	n.a.	S 28
S 29	8 5 10	3° 7'17	11♍22	20°52	13°20	12°40	8°27	21°16	21° 4	8°49	15°48	12°35	11°22	5°14	n.a.	S 29
M30	8 9 7	4° 7'18	23°26	22° 7	14°35	13°16	8°25	21°22	21° 2	8°51	15°49	12°27	11°19	5°20	n.a.	M30
T 31	8 13 3	5♒ 7'18	5♎38	23♒16	15♒50	13♈53	8♊24	21♐27	21♍ 1	8♉53	15♓50	12♐21	11♐16	5♌27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s41	5n55	5s 9	25s43	1s57	24s36	1s 6	1s26	0n12	22n23	0n 2	22s41	0n34	4n 9	0n45	23s22	0n10	21s31	17s 9	22s46	22s39	16n10			n.a.
M 2	23 38	1 21	5 15	25 42	1 59	24 32	1 7	1 11	0 14	22 22	0 2	22 41	0 34	4 9	0 45	23 22	0 10	21 31	17 8	22 46	22 39	16 8			n.a.
T 3	23 35	3s21	5 7	25 39	2 0	24 28	1 9	0 56	0 15	22 21	0 2	22 42	0 34	4 9	0 45	23 22	0 10	21 30	17 8	22 46	22 38	16 6			n.a.
W 4	23 32	8 0	4 45	25 35	2 1	24 22	1 10	0 41	0 16	22 20	0 3	22 43	0 34	4 9	0 45	23 22	0 10	21 30	17 8	22 45	22 38	16 4			n.a.
T 5	23 28	12 27	4 8	25 29	2 1	24 16	1 12	0 26	0 17	22 20	0 3	22 43	0 34	4 9	0 45	23 21	0 10	21 29	17 7	22 46	22 38	16 2			n.a.
F 6	23 23	16 27	3 17	25 20	2 1	24 10	1 13	0 11	0 17	22 19	0 3	22 44	0 34	4 9	0 45	23 21	0 10	21 28	17 7	22 46	22 37	15 59			n.a.
S 7	23 19	19 44	2 14	25 10	2 0	24 2	1 14	0n 5	0 18	22 18	0 3	22 44	0 34	4 9	0 45	23 21	0 10	21 28	17 7	22 46	22 37	15 57			n.a.
S 8	23 13	21 58	1 1	24 58	1 59	23 54	1 15	0 20	0 19	22 17	0 3	22 45	0 34	4 10	0 45	23 21	0 10	21 27	17 6	22 46	22 36	15 55			n.a.
M 9	23 8	22 50	0n18	24 44	1 57	23 45	1 17	0 35	0 20	22 17	0 3	22 46	0 34	4 10	0 46	23 21	0 10	21 27	17 6	22 46	22 36	15 53			n.a.
T 10	23 1	22 8	1 38	24 27	1 55	23 35	1 18	0 50	0 21	22 16	0 3	22 46	0 34	4 10	0 46	23 21	0 10	21 26	17 6	22 46	22 35	15 51			n.a.
W11	22 55	19 50	2 52	24 9	1 52	23 25	1 19	1 5	0 22	22 15	0 4	22 47	0 33	4 10	0 46	23 21	0 10	21 26	17 5	22 46	22 35	15 49			n.a.
T 12	22 48	16 8	3 54	23 48	1 49	23 14	1 20	1 20	0 23	22 15	0 4	22 47	0 33	4 10	0 46	23 21	0 10	21 25	17 5	22 45	22 35	15 47			n.a.
F 13	22 40	11 24	4 40	23 26	1 45	23 2	1 21	1 36	0 24	22 14	0 4	22 48	0 33	4 11	0 46	23 20	0 10	21 24	17 5	22 45	22 34	15 45			n.a.
S 14	22 32	6 2	5 6	23 1	1 40	22 50	1 21	1 51	0 25	22 13	0 4	22 49	0 33	4 11	0 46	23 20	0 10	21 24	17 4	22 44	22 34	15 43			n.a.
S 15	22 24	0 28	5 11	22 35	1 35	22 37	1 22	2 6	0 26	22 13	0 4	22 49	0 33	4 11	0 46	23 20	0 10	21 23	17 4	22 43	22 33	15 41			n.a.
M16	22 15	4n58	4 57	22 6	1 29	22 23	1 23	2 21	0 26	22 12	0 4	22 50	0 33	4 12	0 46	23 20	0 10	21 22	17 4	22 43	22 33	15 39			n.a.
T 17	22 6	9 59	4 26	21 35	1 22	22 8	1 24	2 36	0 27	22 12	0 4	22 50	0 33	4 12	0 46	23 20	0 10	21 22	17 3	22 43	22 32	15 37			n.a.
W18	21 56	14 23	3 42	21 3	1 15	21 53	1 24	2 52	0 28	22 11	0 5	22 51	0 33	4 12	0 46	23 20	0 10	21 21	17 3	22 43	22 32	15 35			n.a.
T 19	21 46	17 58	2 47	20 29	1 7	21 37	1 25	3 7	0 29	22 11	0 5	22 51	0 33	4 13	0 46	23 20	0 10	21 21	17 3	22 43	22 32	15 32			n.a.
F 20	21 35	20 38	1 46	19 53	0 58	21 21	1 25	3 22	0 30	22 10	0 5	22 52	0 33	4 13	0 46	23 20	0 10	21 20	17 3	22 43	22 31	15 30			n.a.
S 21	21 24	22 15	0 41	19 16	0 49	21 4	1 26	3 37	0 30	22 10	0 5	22 52	0 33	4 14	0 46	23 19	0 10	21 19	17 2	22 43	22 31	15 28			n.a.
S 22	21 13	22 48	0s25	18 38	0 38	20 46	1 26	3 52	0 31	22 9	0 5	22 53	0 33	4 14	0 46	23 19	0 10	21 19	17 2	22 43	22 30	15 26			n.a.
M23	21 2	22 17	1 29	17 58	0 27	20 28	1 27	4 7	0 32	22 9	0 5	22 53	0 33	4 15	0 46	23 19	0 10	21 18	17 2	22 43	22 30	15 24			n.a.
T 24	20 50	20 46	2 28	17 18	0 16	20 9	1 27	4 22	0 33	22 8	0 5	22 54	0 33	4 15	0 46	23 19	0 10	21 17	17 1	22 43	22 29	15 22			n.a.
W25	20 37	18 21	3 21	16 37	0 3	19 49	1 27	4 37	0 33	22 8	0 5	22 54	0 33	4 16	0 46	23 19	0 10	21 17	17 1	22 42	22 29	15 20			n.a.
T 26	20 24	15 10	4 4	15 56	0n 9	19 29	1 27	4 52	0 34	22 8	0 6	22 55	0 33	4 16	0 46	23 19	0 10	21 16	17 1	22 41	22 29	15 18			n.a.
F 27	20 11	11 24	4 37	15 16	0 23	19 9	1 27	5 8	0 35	22 7	0 6	22 55	0 33	4 17	0 46	23 19	0 10	21 15	17 1	22 40	22 28	15 16			n.a.
S 28	19 58	7 11	4 58	14 35	0 37	18 48	1 27	5 23	0 36	22 7	0 6	22 56	0 33	4 17	0 46	23 18	0 10	21 15	17 0	22 38	22 28	15 13			n.a.
S 29	19 44	2 41	5 6	13 56	0 51	18 26	1 27	5 38	0 36	22 7	0 6	22 56	0 33	4 18	0 46	23 18	0 10	21 14	17 0	22 37	22 27	15 11			n.a.
M30	19 30	1s57	5 1	13 18	1 6	18 4	1 27	5 53	0 37	22 7	0 6	22 57	0 33	4 18	0 46	23 18	0 10	21 13	17 0	22 36	22 27	15 9			n.a.
T 31	19s15	6s34	4s42	12s41	1n20	17s41	1s27	6n 7	0n38	22n 7	0n 6	22s57	0n33	4n19	0n46	23s18	0n10	21s13	17s 0	22s35	22s26	15n 7			n.a.

Julian Day Number = 1490585.5, Delta T = 05h15m03s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'07, Lahiri = -12°41'07 Julian Calendar 1 Jan. 632 BCE == Greg. Calendar 25 Dec. 633 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

FEBRUARY 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 17 0	6♒ 7'15	18♎ 3	24♒17	17♒ 4	14♈29	8°R22	21♐33	20°R59	8♑55	15♓51	12°R17	11♐13	5♌34	n.a.	W 1
T 2	8 20 56	7° 7'11	0♏44	25°11	18°19	15° 6	8♊20	21°39	20♍58	8°57	15°52	12♐15	11° 9	5°41	n.a.	T 2
F 3	8 24 53	8° 7'04	13°44	25°57	19°33	15°42	8°19	21°45	20°56	8°59	15°53	12°D15	11° 6	5°47	n.a.	F 3
S 4	8 28 49	9° 6'57	27° 8	26°35	20°48	16°18	8°18	21°50	20°54	9° 1	15°55	12°16	11° 3	5°54	n.a.	S 4
S 5	8 32 46	10° 6'47	10♐58	27° 5	22° 3	16°55	8°17	21°56	20°53	9° 3	15°56	12°R16	11° 0	6° 1	n.a.	S 5
M 6	8 36 42	11° 6'36	25°15	27°26	23°17	17°31	8°17	22° 1	20°51	9° 5	15°57	12°16	10°57	6° 7	n.a.	M 6
T 7	8 40 39	12° 6'23	9♑58	27°38	24°32	18° 8	8°16	22° 7	20°49	9° 7	15°58	12°13	10°53	6°14	n.a.	T 7
W 8	8 44 36	13° 6'07	25° 2	27°R41	25°46	18°45	8°16	22°12	20°47	9° 9	15°59	12° 7	10°50	6°21	n.a.	W 8
T 9	8 48 32	14° 5'50	10♒18	27°36	27° 1	19°21	8°D16	22°17	20°46	9°11	16° 1	12° 0	10°47	6°27	n.a.	T 9
F 10	8 52 29	15° 5'31	25°36	27°22	28°15	19°58	8°16	22°23	20°44	9°13	16° 2	11°50	10°44	6°34	n.a.	F 10
S 11	8 56 25	16° 5'09	10♓45	27° 1	29°29	20°34	8°16	22°28	20°42	9°15	16° 3	11°40	10°41	6°41	n.a.	S 11
S 12	9 0 22	17° 4'45	25°35	26°32	0♓44	21°11	8°17	22°33	20°40	9°17	16° 4	11°31	10°38	6°48	n.a.	S 12
M13	9 4 18	18° 4'19	9♈58	25°57	1°58	21°48	8°18	22°38	20°38	9°19	16° 6	11°24	10°34	6°54	n.a.	M13
T 14	9 8 15	19° 3'50	23°51	25°16	3°12	22°25	8°19	22°43	20°36	9°21	16° 7	11°19	10°31	7° 1	n.a.	T 14
W15	9 12 11	20° 3'19	7♉15	24°31	4°27	23° 1	8°20	22°48	20°34	9°22	16° 8	11°16	10°28	7° 8	n.a.	W15
T 16	9 16 8	21° 2'46	20°11	23°42	5°41	23°38	8°21	22°53	20°32	9°24	16° 9	11°D16	10°25	7°14	n.a.	T 16
F 17	9 20 4	22° 2'10	2♊45	22°50	6°55	24°15	8°23	22°57	20°29	9°26	16°11	11°16	10°22	7°21	n.a.	F 17
S 18	9 24 1	23° 1'31	15° 1	21°57	8° 9	24°52	8°24	23° 2	20°27	9°28	16°12	11°R16	10°19	7°28	n.a.	S 18
S 19	9 27 58	24° 0'51	27° 3	21° 3	9°24	25°28	8°26	23° 7	20°25	9°30	16°13	11°15	10°15	7°34	n.a.	S 19
M20	9 31 54	25° 0'07	8♋58	20°11	10°38	26° 5	8°28	23°11	20°23	9°31	16°15	11°11	10°12	7°41	n.a.	M20
T 21	9 35 51	25°59'22	20°48	19°20	11°52	26°42	8°30	23°16	20°21	9°33	16°16	11° 5	10° 9	7°48	n.a.	T 21
W22	9 39 47	26°58'34	2♌37	18°31	13° 6	27°19	8°33	23°20	20°18	9°35	16°17	10°57	10° 6	7°55	n.a.	W22
T 23	9 43 44	27°57'44	14°29	17°47	14°20	27°56	8°35	23°24	20°16	9°36	16°19	10°45	10° 3	8° 1	n.a.	T 23
F 24	9 47 40	28°56'51	26°23	17° 6	15°34	28°32	8°38	23°29	20°14	9°38	16°20	10°32	9°59	8° 8	n.a.	F 24
S 25	9 51 37	29°55'57	8♍23	16°30	16°48	29° 9	8°41	23°33	20°12	9°40	16°21	10°18	9°56	8°15	n.a.	S 25
S 26	9 55 33	0♓55'00	20°29	15°59	18° 2	29°46	8°44	23°37	20° 9	9°41	16°23	10° 4	9°53	8°21	n.a.	S 26
M27	9 59 30	1°54'01	2♎43	15°33	19°16	0♉23	8°48	23°41	20° 7	9°43	16°24	9°52	9°50	8°28	n.a.	M27
T 28	10 3 27	2♓53'00	15♎ 4	15♒13	20♓30	1♉ 0	8♊51	23♐45	20♍ 4	9♑44	16♓26	9♐42	9♐47	8♌35	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s 0	11s 0	4s 9	12s 7	1n35	17s18	1s26	6n22	0n38	22n 7	0n 6	22s57	0n33	4n20	0n46	23s18	0n10	21s12	16s59	22s35	22s26	15n 5		n.a.
T 2	18 45	15 4	3 24	11 35	1 50	16 55	1 26	6 37	0 39	22 6	0 6	22 58	0 33	4 20	0 46	23 18	0 10	21 11	16 59	22 34	22 25	15 3		n.a.
F 3	18 29	18 31	2 27	11 5	2 5	16 31	1 26	6 52	0 40	22 6	0 7	22 58	0 32	4 21	0 46	23 18	0 10	21 11	16 59	22 34	22 25	15 1		n.a.
S 4	18 13	21 5	1 20	10 39	2 19	16 6	1 25	7 7	0 40	22 6	0 7	22 59	0 32	4 22	0 46	23 18	0 10	21 10	16 59	22 35	22 25	14 59		n.a.
S 5	17 57	22 31	0 7	10 16	2 33	15 41	1 25	7 22	0 41	22 6	0 7	22 59	0 32	4 22	0 46	23 17	0 10	21 9	16 59	22 35	22 24	14 57		n.a.
M 6	17 41	22 32	1n 9	9 57	2 46	15 16	1 24	7 36	0 41	22 6	0 7	22 59	0 32	4 23	0 46	23 17	0 10	21 9	16 58	22 35	22 24	14 54		n.a.
T 7	17 24	21 1	2 22	9 41	2 58	14 50	1 24	7 51	0 42	22 6	0 7	23 0	0 32	4 24	0 46	23 17	0 10	21 8	16 58	22 34	22 23	14 52		n.a.
W 8	17 7	18 1	3 28	9 29	3 9	14 24	1 23	8 6	0 43	22 6	0 7	23 0	0 32	4 25	0 47	23 17	0 10	21 7	16 58	22 33	22 23	14 50		n.a.
T 9	16 50	13 45	4 19	9 22	3 19	13 58	1 22	8 20	0 43	22 6	0 7	23 0	0 32	4 25	0 47	23 17	0 10	21 7	16 58	22 32	22 22	14 48		n.a.
F 10	16 32	8 35	4 52	9 18	3 28	13 31	1 21	8 35	0 44	22 7	0 7	23 1	0 32	4 26	0 47	23 17	0 10	21 6	16 58	22 31	22 22	14 46		n.a.
S 11	16 14	2 58	5 3	9 18	3 35	13 4	1 20	8 50	0 44	22 7	0 7	23 1	0 32	4 27	0 47	23 17	0 10	21 5	16 57	22 30	22 21	14 44		n.a.
S 12	15 56	2n43	4 54	9 23	3 41	12 36	1 19	9 4	0 45	22 7	0 8	23 1	0 32	4 28	0 47	23 17	0 10	21 5	16 57	22 29	22 21	14 42		n.a.
M13	15 37	8 5	4 27	9 31	3 45	12 8	1 18	9 19	0 45	22 7	0 8	23 2	0 32	4 29	0 47	23 16	0 10	21 4	16 57	22 28	22 20	14 39		n.a.
T 14	15 19	12 51	3 44	9 43	3 47	11 40	1 17	9 33	0 46	22 7	0 8	23 2	0 32	4 29	0 47	23 16	0 10	21 3	16 57	22 27	22 20	14 37		n.a.
W15	15 0	16 48	2 51	9 58	3 47	11 11	1 16	9 47	0 47	22 8	0 8	23 2	0 32	4 30	0 47	23 16	0 10	21 3	16 57	22 26	22 20	14 35		n.a.
T 16	14 41	19 48	1 50	10 16	3 45	10 43	1 15	10 2	0 47	22 8	0 8	23 3	0 32	4 31	0 47	23 16	0 10	21 2	16 56	22 26	22 19	14 33		n.a.
F 17	14 21	21 44	0 45	10 36	3 42	10 14	1 14	10 16	0 48	22 8	0 8	23 3	0 32	4 32	0 47	23 16	0 10	21 1	16 56	22 26	22 19	14 31		n.a.
S 18	14 2	22 35	0s20	10 59	3 36	9 44	1 12	10 30	0 48	22 9	0 8	23 3	0 32	4 33	0 47	23 16	0 10	21 1	16 56	22 26	22 18	14 29		n.a.
S 19	13 42	22 21	1 23	11 23	3 29	9 15	1 11	10 44	0 49	22 9	0 8	23 3	0 32	4 34	0 47	23 16	0 10	21 0	16 56	22 26	22 18	14 26		n.a.
M20	13 22	21 7	2 21	11 48	3 20	8 45	1 9	10 58	0 49	22 10	0 8	23 4	0 32	4 35	0 47	23 16	0 10	20 59	16 56	22 26	22 17	14 24		n.a.
T 21	13 2	18 57	3 13	12 14	3 10	8 15	1 8	11 12	0 50	22 10	0 9	23 4	0 32	4 35	0 47	23 15	0 10	20 59	16 56	22 25	22 17	14 22		n.a.
W22	12 41	16 0	3 57	12 40	2 58	7 45	1 6	11 26	0 50	22 11	0 9	23 4	0 32	4 36	0 47	23 15	0 10	20 58	16 56	22 24	22 16	14 20		n.a.
T 23	12 21	12 25	4 30	13 5	2 46	7 14	1 5	11 40	0 51	22 11	0 9	23 4	0 32	4 37	0 47	23 15	0 10	20 57	16 56	22 22	22 16	14 18		n.a.
F 24	12 0	8 20	4 51	13 31	2 32	6 44	1 3	11 54	0 51	22 12	0 9	23 5	0 32	4 38	0 47	23 15	0 10	20 57	16 55	22 20	22 15	14 16		n.a.
S 25	11 39	3 55	5 0	13 55	2 18	6 13	1 1	12 7	0 51	22 12	0 9	23 5	0 32	4 39	0 47	23 15	0 10	20 56	16 55	22 18	22 15	14 14		n.a.
S 26	11 18	0s42	4 55	14 18	2 3	5 42	0 59	12 21	0 52	22 13	0 9	23 5	0 32	4 40	0 47	23 15	0 10	20 56	16 55	22 16	22 14	14 11		n.a.
M27	10 57	5 19	4 37	14 40	1 48	5 11	0 58	12 35	0 52	22 13	0 9	23 5	0 32	4 41	0 47	23 15	0 10	20 55	16 55	22 14	22 14	14 9		n.a.
T 28	10s35	9s47	4s 6	15s 1	1n33	4s40	0s56	12n48	0n53	22n14	0n 9	23s 6	0n32	4n42	0n47	23s15	0n10	20s54	16s55	22s13	22s13	14n 7		n.a.

Julian Day Number = 1490616.5, Delta T = 05h15m01s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°48'03, Lahiri = -12°41'02 Julian Calendar 1 Feb. 632 BCE == Greg. Calendar 25 Jan. 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

MARCH 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 7 23	3♓51'58	27♎37	14°R59	21♓44	1♉37	8♊55	23♐49	20°R 2	9♑46	16♓27	9°R36	9♐44	8♌41	n.a.	W 1
T 2	10 11 20	4°50'53	10♏22	14♒50	22°58	2°14	8°59	23°53	20♍ 0	9°47	16°28	9♐32	9°40	8°48	n.a.	T 2
F 3	10 15 16	5°49'46	23°23	14°D47	24°11	2°51	9° 3	23°56	19°57	9°49	16°30	9°30	9°37	8°55	n.a.	F 3
S 4	10 19 13	6°48'38	6♐42	14°49	25°25	3°28	9° 7	24° 0	19°55	9°50	16°31	9°30	9°34	9° 2	n.a.	S 4
S 5	10 23 9	7°47'28	20°23	14°57	26°39	4° 4	9°11	24° 4	19°52	9°52	16°33	9°29	9°31	9° 8	n.a.	S 5
M 6	10 27 6	8°46'16	4♑27	15°10	27°53	4°41	9°16	24° 7	19°50	9°53	16°34	9°28	9°28	9°15	n.a.	M 6
T 7	10 31 2	9°45'03	18°54	15°28	29° 6	5°18	9°21	24°10	19°47	9°54	16°35	9°25	9°24	9°22	n.a.	T 7
W 8	10 34 59	10°43'47	3♒42	15°50	0♈20	5°55	9°25	24°14	19°45	9°56	16°37	9°19	9°21	9°28	n.a.	W 8
T 9	10 38 55	11°42'29	18°44	16°17	1°34	6°32	9°31	24°17	19°42	9°57	16°38	9°10	9°18	9°35	n.a.	T 9
F 10	10 42 52	12°41'10	3♓52	16°48	2°47	7° 9	9°36	24°20	19°40	9°58	16°40	8°59	9°15	9°42	n.a.	F 10
S 11	10 46 49	13°39'48	18°55	17°24	4° 1	7°46	9°41	24°23	19°37	10° 0	16°41	8°48	9°12	9°48	n.a.	S 11
S 12	10 50 45	14°38'25	3♈44	18° 3	5°15	8°23	9°47	24°26	19°34	10° 1	16°42	8°37	9° 9	9°55	n.a.	S 12
M13	10 54 42	15°36'59	18°10	18°46	6°28	9° 0	9°52	24°29	19°32	10° 2	16°44	8°28	9° 5	10° 2	n.a.	M13
T 14	10 58 38	16°35'31	2♉ 9	19°33	7°42	9°37	9°58	24°32	19°29	10° 3	16°45	8°21	9° 2	10° 9	n.a.	T 14
W15	11 2 35	17°34'01	15°39	20°23	8°55	10°14	10° 4	24°34	19°27	10° 4	16°47	8°18	8°59	10°15	n.a.	W15
T 16	11 6 31	18°32'29	28°41	21°16	10° 8	10°51	10°10	24°37	19°24	10° 6	16°48	8°16	8°56	10°22	n.a.	T 16
F 17	11 10 28	19°30'54	11♊18	22°13	11°22	11°28	10°16	24°39	19°22	10° 7	16°49	8°D16	8°53	10°29	n.a.	F 17
S 18	11 14 24	20°29'17	23°36	23°12	12°35	12° 6	10°23	24°42	19°19	10° 8	16°51	8°R16	8°50	10°35	n.a.	S 18
S 19	11 18 21	21°27'38	5♋39	24°14	13°48	12°43	10°29	24°44	19°17	10° 9	16°52	8°15	8°46	10°42	n.a.	S 19
M20	11 22 18	22°25'57	17°34	25°19	15° 2	13°20	10°36	24°46	19°14	10°10	16°54	8°12	8°43	10°49	n.a.	M20
T 21	11 26 14	23°24'13	29°24	26°26	16°15	13°57	10°43	24°48	19°11	10°11	16°55	8° 7	8°40	10°56	n.a.	T 21
W22	11 30 11	24°22'28	11♌14	27°36	17°28	14°34	10°50	24°50	19° 9	10°12	16°57	8° 0	8°37	11° 2	n.a.	W22
T 23	11 34 7	25°20'40	23° 8	28°49	18°41	15°11	10°57	24°52	19° 6	10°13	16°58	7°49	8°34	11° 9	n.a.	T 23
F 24	11 38 4	26°18'50	5♍ 8	0♓ 3	19°54	15°48	11° 4	24°54	19° 4	10°13	16°59	7°38	8°30	11°16	n.a.	F 24
S 25	11 42 0	27°16'59	17°16	1°20	21° 7	16°25	11°12	24°56	19° 1	10°14	17° 1	7°25	8°27	11°22	n.a.	S 25
S 26	11 45 57	28°15'05	29°33	2°39	22°20	17° 2	11°19	24°57	18°59	10°15	17° 2	7°13	8°24	11°29	n.a.	S 26
M27	11 49 53	29°13'10	12♎ 0	4° 1	23°33	17°39	11°27	24°59	18°56	10°16	17° 3	7° 2	8°21	11°36	n.a.	M27
T 28	11 53 50	0♈11'12	24°37	5°24	24°46	18°16	11°35	25° 0	18°54	10°17	17° 5	6°53	8°18	11°42	n.a.	T 28
W29	11 57 46	1° 9'14	7♏25	6°50	25°59	18°53	11°43	25° 2	18°51	10°17	17° 6	6°47	8°15	11°49	n.a.	W29
T 30	12 1 43	2° 7'13	20°24	8°18	27°12	19°30	11°51	25° 3	18°49	10°18	17° 8	6°43	8°11	11°56	n.a.	T 30
F 31	12 5 40	3♈ 5'12	3♐36	9♓47	28♈25	20♉ 8	11♊59	25♐ 4	18♍46	10♑19	17♓ 9	6°D42	8♐ 8	12♌ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	10s14	13s54	3s22	15s20	1n18	4s 9	0s54	13n 2	0n53	22n15	0n 9	23s 6	0n32	4n43	0n47	23s15	0n10	20s54	16s55	22s12	22s13	14n 5			n.a.
T 2	9 52	17 28	2 27	15 37	1 3	3 37	0 52	13 15	0 54	22 15	0 9	23 6	0 32	4 44	0 47	23 14	0 10	20 53	16 55	22 11	22 12	14 3			n.a.
F 3	9 30	20 14	1 24	15 52	0 48	3 6	0 50	13 28	0 54	22 16	0 10	23 6	0 32	4 45	0 47	23 14	0 10	20 52	16 55	22 11	22 12	14 0			n.a.
S 4	9 8	21 58	0 15	16 5	0 33	2 34	0 48	13 42	0 54	22 17	0 10	23 6	0 32	4 46	0 47	23 14	0 10	20 52	16 55	22 11	22 12	13 58			n.a.
S 5	8 46	22 28	0n57	16 17	0 19	2 3	0 46	13 55	0 55	22 18	0 10	23 7	0 31	4 47	0 47	23 14	0 10	20 51	16 55	22 11	22 11	13 56			n.a.
M 6	8 24	21 34	2 8	16 26	0 5	1 31	0 43	14 8	0 55	22 19	0 10	23 7	0 31	4 48	0 47	23 14	0 10	20 50	16 55	22 11	22 11	13 54			n.a.
T 7	8 1	19 15	3 12	16 34	0s 9	0 59	0 41	14 21	0 56	22 19	0 10	23 7	0 31	4 49	0 47	23 14	0 10	20 50	16 54	22 10	22 10	13 52			n.a.
W 8	7 39	15 38	4 5	16 39	0 21	0 28	0 39	14 34	0 56	22 20	0 10	23 7	0 31	4 50	0 47	23 14	0 10	20 49	16 54	22 9	22 10	13 50			n.a.
T 9	7 16	10 57	4 42	16 43	0 34	0n 4	0 37	14 46	0 56	22 21	0 10	23 7	0 31	4 51	0 47	23 14	0 10	20 49	16 54	22 8	22 9	13 47			n.a.
F 10	6 53	5 35	4 59	16 44	0 46	0 36	0 34	14 59	0 57	22 22	0 10	23 8	0 31	4 52	0 47	23 14	0 10	20 48	16 54	22 6	22 9	13 45			n.a.
S 11	6 31	0n 5	4 56	16 44	0 57	1 8	0 32	15 12	0 57	22 23	0 10	23 8	0 31	4 53	0 47	23 14	0 10	20 47	16 54	22 4	22 8	13 43			n.a.
S 12	6 8	5 40	4 32	16 42	1 8	1 39	0 30	15 24	0 58	22 24	0 10	23 8	0 31	4 54	0 47	23 14	0 10	20 47	16 54	22 3	22 8	13 41			n.a.
M13	5 45	10 47	3 52	16 38	1 18	2 11	0 27	15 37	0 58	22 25	0 11	23 8	0 31	4 55	0 47	23 13	0 10	20 46	16 54	22 1	22 7	13 39			n.a.
T 14	5 22	15 10	2 59	16 32	1 27	2 43	0 25	15 49	0 58	22 26	0 11	23 8	0 31	4 56	0 47	23 13	0 10	20 46	16 54	22 0	22 7	13 36			n.a.
W15	4 59	18 37	1 57	16 25	1 36	3 14	0 22	16 1	0 59	22 27	0 11	23 8	0 31	4 57	0 47	23 13	0 10	20 45	16 54	22 0	22 6	13 34			n.a.
T 16	4 36	20 58	0 51	16 15	1 44	3 46	0 20	16 13	0 59	22 28	0 11	23 8	0 31	4 58	0 47	23 13	0 10	20 45	16 54	21 59	22 6	13 32			n.a.
F 17	4 12	22 11	0s16	16 4	1 52	4 17	0 17	16 25	0 59	22 29	0 11	23 9	0 31	4 59	0 47	23 13	0 10	20 44	16 54	21 59	22 5	13 30			n.a.
S 18	3 49	22 17	1 20	15 51	1 59	4 49	0 15	16 37	1 0	22 30	0 11	23 9	0 31	5 0	0 47	23 13	0 10	20 43	16 54	21 59	22 5	13 28			n.a.
S 19	3 26	21 19	2 20	15 36	2 6	5 20	0 12	16 49	1 0	22 31	0 11	23 9	0 31	5 1	0 47	23 13	0 10	20 43	16 54	21 59	22 4	13 25			n.a.
M20	3 3	19 25	3 12	15 19	2 12	5 51	0 9	17 1	1 0	22 32	0 11	23 9	0 31	5 2	0 47	23 13	0 10	20 42	16 54	21 59	22 4	13 23			n.a.
T 21	2 39	16 43	3 56	15 1	2 17	6 22	0 7	17 12	1 1	22 33	0 11	23 9	0 31	5 3	0 47	23 13	0 10	20 42	16 54	21 58	22 3	13 21			n.a.
W22	2 16	13 20	4 30	14 41	2 22	6 53	0 4	17 24	1 1	22 34	0 11	23 9	0 31	5 4	0 47	23 13	0 10	20 41	16 54	21 57	22 3	13 19			n.a.
T 23	1 52	9 24	4 52	14 19	2 26	7 24	0 1	17 35	1 1	22 35	0 11	23 9	0 31	5 5	0 47	23 13	0 10	20 41	16 54	21 55	22 2	13 17			n.a.
F 24	1 29	5 6	5 1	13 56	2 29	7 54	0n 1	17 46	1 1	22 36	0 11	23 9	0 31	5 6	0 47	23 13	0 10	20 40	16 54	21 53	22 2	13 14			n.a.
S 25	1 6	0 33	4 57	13 31	2 32	8 25	0 4	17 58	1 2	22 37	0 12	23 9	0 31	5 7	0 47	23 13	0 10	20 40	16 55	21 51	22 1	13 12			n.a.
S 26	0 42	4s 4	4 39	13 4	2 34	8 55	0 7	18 9	1 2	22 38	0 12	23 10	0 31	5 8	0 47	23 13	0 10	20 39	16 55	21 49	22 1	13 10			n.a.
M27	0 19	8 36	4 8	12 35	2 36	9 25	0 9	18 20	1 2	22 40	0 12	23 10	0 31	5 9	0 47	23 12	0 10	20 39	16 55	21 47	22 0	13 8			n.a.
T 28	0n 5	12 49	3 24	12 5	2 37	9 55	0 12	18 30	1 3	22 41	0 12	23 10	0 31	5 10	0 47	23 12	0 10	20 38	16 55	21 46	22 0	13 5			n.a.
W29	0 28	16 31	2 29	11 34	2 38	10 24	0 15	18 41	1 3	22 42	0 12	23 10	0 31	5 11	0 47	23 12	0 10	20 38	16 55	21 45	21 59	13 3			n.a.
T 30	0 51	19 28	1 26	11 0	2 38	10 54	0 18	18 52	1 3	22 43	0 12	23 10	0 31	5 12	0 47	23 12	0 10	20 37	16 55	21 44	21 59	13 1			n.a.
F 31	1n15	21s26	0s17	10s26	2s37	11n23	0n21	19n 2	1n 3	22n44	0n12	23s10	0n31	5n13	0n47	23s12	0n10	20s37	16s55	21s44	21s58	12n59			n.a.

Julian Day Number = 1490644.5, Delta T = 05h15m00s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'59, Lahiri = -12°40'59 Julian Calendar 1 March 632 BCE == Greg. Calendar 22 Feb. 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

APRIL 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 9 36	4♈ 3'08	17♐ 2	11♓19	29♈37	20♉45	12♊ 7	25♐ 5	18°R44	10♑19	17♓10	6♐42	8♐ 5	12♌ 9	n.a.	S 1
S 2	12 13 33	5° 1'04	0♑43	12°53	0♉50	21°22	12°16	25° 6	18♍41	10°20	17°12	6°R43	8° 2	12°16	n.a.	S 2
M 3	12 17 29	5°58'58	14°41	14°28	2° 3	21°59	12°24	25° 7	18°39	10°20	17°13	6°43	7°59	12°23	n.a.	M 3
T 4	12 21 26	6°56'50	28°56	16° 6	3°15	22°36	12°33	25° 8	18°37	10°21	17°14	6°41	7°56	12°29	n.a.	T 4
W 5	12 25 22	7°54'42	13♒25	17°45	4°28	23°13	12°42	25° 9	18°34	10°21	17°16	6°37	7°52	12°36	n.a.	W 5
T 6	12 29 19	8°52'32	28° 5	19°27	5°41	23°50	12°50	25° 9	18°32	10°22	17°17	6°30	7°49	12°43	n.a.	T 6
F 7	12 33 15	9°50'20	12♓50	21°11	6°53	24°27	12°59	25°10	18°29	10°22	17°18	6°22	7°46	12°50	n.a.	F 7
S 8	12 37 12	10°48'07	27°32	22°56	8° 6	25° 5	13° 9	25°10	18°27	10°23	17°20	6°14	7°43	12°56	n.a.	S 8
S 9	12 41 9	11°45'53	12♈ 4	24°44	9°18	25°42	13°18	25°10	18°25	10°23	17°21	6° 5	7°40	13° 3	n.a.	S 9
M10	12 45 5	12°43'37	26°19	26°33	10°30	26°19	13°27	25°11	18°23	10°23	17°22	5°58	7°36	13°10	n.a.	M10
T 11	12 49 2	13°41'20	10♉11	28°24	11°43	26°56	13°36	25°R11	18°20	10°24	17°24	5°54	7°33	13°16	n.a.	T 11
W12	12 52 58	14°39'01	23°38	0♈18	12°55	27°33	13°46	25°11	18°18	10°24	17°25	5°51	7°30	13°23	n.a.	W12
T 13	12 56 55	15°36'40	6♊41	2°13	14° 7	28°11	13°56	25°11	18°16	10°24	17°26	5°D50	7°27	13°30	n.a.	T 13
F 14	13 0 51	16°34'18	19°21	4°10	15°20	28°48	14° 5	25°10	18°14	10°24	17°27	5°51	7°24	13°37	n.a.	F 14
S 15	13 4 48	17°31'54	1♋42	6° 9	16°32	29°25	14°15	25°10	18°12	10°24	17°29	5°52	7°21	13°43	n.a.	S 15
S 16	13 8 44	18°29'29	13°48	8°10	17°44	0♊ 2	14°25	25°10	18°10	10°25	17°30	5°R53	7°17	13°50	n.a.	S 16
M17	13 12 41	19°27'02	25°45	10°13	18°56	0°39	14°35	25° 9	18° 7	10°25	17°31	5°53	7°14	13°57	n.a.	M17
T 18	13 16 38	20°24'34	7♌37	12°17	20° 8	1°17	14°45	25° 9	18° 5	10°25	17°32	5°51	7°11	14° 3	n.a.	T 18
W19	13 20 34	21°22'04	19°29	14°23	21°20	1°54	14°55	25° 8	18° 3	10°R25	17°34	5°48	7° 8	14°10	n.a.	W19
T 20	13 24 31	22°19'32	1♍26	16°30	22°32	2°31	15° 6	25° 7	18° 1	10°25	17°35	5°42	7° 5	14°17	n.a.	T 20
F 21	13 28 27	23°16'59	13°31	18°39	23°44	3° 8	15°16	25° 6	17°59	10°25	17°36	5°36	7° 1	14°24	n.a.	F 21
S 22	13 32 24	24°14'25	25°46	20°48	24°56	3°45	15°27	25° 5	17°58	10°25	17°37	5°28	6°58	14°30	n.a.	S 22
S 23	13 36 20	25°11'49	8♎14	22°59	26° 7	4°23	15°37	25° 4	17°56	10°25	17°38	5°21	6°55	14°37	n.a.	S 23
M24	13 40 17	26° 9'12	20°56	25°10	27°19	5° 0	15°48	25° 3	17°54	10°24	17°40	5°15	6°52	14°44	n.a.	M24
T 25	13 44 13	27° 6'34	3♏51	27°21	28°31	5°37	15°59	25° 2	17°52	10°24	17°41	5°10	6°49	14°50	n.a.	T 25
W26	13 48 10	28° 3'56	17° 0	29°33	29°42	6°14	16° 9	25° 0	17°50	10°24	17°42	5° 7	6°46	14°57	n.a.	W26
T 27	13 52 6	29° 1'16	0♐21	1♉44	0♊54	6°52	16°20	24°59	17°49	10°24	17°43	5°D 6	6°42	15° 4	n.a.	T 27
F 28	13 56 3	29°58'35	13°54	3°55	2° 5	7°29	16°31	24°57	17°47	10°24	17°44	5° 6	6°39	15°11	n.a.	F 28
S 29	14 0 0	0♉55'54	27°37	6° 6	3°17	8° 6	16°42	24°56	17°45	10°23	17°45	5° 7	6°36	15°17	n.a.	S 29
S 30	14 3 56	1♉53'12	11♑31	8♉15	4♊28	8♊43	16♊53	24♐54	17♍44	10♑23	17♓46	5♐ 8	6♐33	15♌24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n38	22s13	0n55	9s49	2s36	11n51	0n23	19n13	1n 4	22n46	0n12	23s10	0n31	5n14	0n47	23s12	0n10	20s36	16s55	21s44	21s58	12n57		n.a.
S 2	2 1	21 42	2 5	9 11	2 34	12 20	0 26	19 23	1 4	22 47	0 12	23 10	0 31	5 15	0 47	23 12	0 10	20 36	16 55	21 44	21 57	12 54		n.a.
M 3	2 24	19 50	3 8	8 32	2 32	12 48	0 29	19 33	1 4	22 48	0 12	23 10	0 31	5 16	0 47	23 12	0 10	20 35	16 55	21 44	21 57	12 52		n.a.
T 4	2 48	16 43	4 2	7 51	2 29	13 16	0 32	19 43	1 4	22 49	0 12	23 10	0 31	5 17	0 47	23 12	0 10	20 35	16 55	21 43	21 56	12 50		n.a.
W 5	3 11	12 33	4 41	7 8	2 26	13 43	0 34	19 53	1 5	22 50	0 13	23 10	0 31	5 18	0 47	23 12	0 10	20 34	16 55	21 43	21 55	12 48		n.a.
T 6	3 34	7 35	5 2	6 24	2 22	14 11	0 37	20 2	1 5	22 52	0 13	23 10	0 31	5 19	0 47	23 12	0 10	20 34	16 56	21 42	21 55	12 45		n.a.
F 7	3 57	2 11	5 3	5 38	2 17	14 38	0 40	20 12	1 5	22 53	0 13	23 10	0 30	5 20	0 47	23 12	0 10	20 34	16 56	21 40	21 54	12 43		n.a.
S 8	4 20	3n21	4 44	4 52	2 12	15 4	0 43	20 21	1 5	22 54	0 13	23 10	0 30	5 21	0 47	23 12	0 10	20 33	16 56	21 39	21 54	12 41		n.a.
S 9	4 43	8 37	4 7	4 3	2 6	15 30	0 45	20 31	1 6	22 55	0 13	23 10	0 30	5 21	0 47	23 12	0 10	20 33	16 56	21 37	21 53	12 39		n.a.
M10	5 6	13 19	3 16	3 14	2 0	15 56	0 48	20 40	1 6	22 57	0 13	23 10	0 30	5 22	0 47	23 12	0 10	20 32	16 56	21 36	21 53	12 36		n.a.
T 11	5 28	17 11	2 13	2 23	1 54	16 22	0 51	20 49	1 6	22 58	0 13	23 11	0 30	5 23	0 47	23 12	0 9	20 32	16 56	21 35	21 52	12 34		n.a.
W12	5 51	20 0	1 5	1 30	1 46	16 47	0 53	20 58	1 6	22 59	0 13	23 11	0 30	5 24	0 47	23 12	0 9	20 32	16 56	21 35	21 52	12 32		n.a.
T 13	6 14	21 39	0s 5	0 37	1 39	17 11	0 56	21 6	1 6	23 0	0 13	23 11	0 30	5 25	0 47	23 12	0 9	20 31	16 57	21 35	21 51	12 30		n.a.
F 14	6 36	22 8	1 12	0n18	1 31	17 35	0 59	21 15	1 7	23 2	0 13	23 11	0 30	5 26	0 47	23 12	0 9	20 31	16 57	21 35	21 51	12 27		n.a.
S 15	6 58	21 31	2 15	1 13	1 22	17 59	1 1	21 23	1 7	23 3	0 13	23 11	0 30	5 27	0 47	23 12	0 9	20 31	16 57	21 35	21 50	12 25		n.a.
S 16	7 21	19 53	3 10	2 10	1 13	18 22	1 4	21 32	1 7	23 4	0 13	23 11	0 30	5 27	0 46	23 12	0 9	20 30	16 57	21 35	21 50	12 23		n.a.
M17	7 43	17 25	3 57	3 7	1 4	18 45	1 6	21 40	1 7	23 5	0 13	23 11	0 30	5 28	0 46	23 12	0 9	20 30	16 57	21 35	21 49	12 21		n.a.
T 18	8 5	14 14	4 32	4 5	0 54	19 8	1 9	21 48	1 7	23 7	0 14	23 11	0 30	5 29	0 46	23 12	0 9	20 30	16 57	21 35	21 49	12 18		n.a.
W19	8 27	10 29	4 56	5 4	0 44	19 29	1 11	21 56	1 8	23 8	0 14	23 11	0 30	5 30	0 46	23 12	0 9	20 29	16 58	21 34	21 48	12 16		n.a.
T 20	8 48	6 19	5 8	6 3	0 34	19 51	1 14	22 3	1 8	23 9	0 14	23 11	0 30	5 30	0 46	23 12	0 9	20 29	16 58	21 33	21 48	12 14		n.a.
F 21	9 10	1 52	5 6	7 2	0 24	20 12	1 16	22 11	1 8	23 10	0 14	23 11	0 30	5 31	0 46	23 12	0 9	20 29	16 58	21 32	21 47	12 12		n.a.
S 22	9 32	2s43	4 50	8 2	0 13	20 32	1 19	22 18	1 8	23 12	0 14	23 11	0 30	5 32	0 46	23 12	0 9	20 28	16 58	21 31	21 46	12 9		n.a.
S 23	9 53	7 17	4 20	9 1	0 3	20 52	1 21	22 26	1 8	23 13	0 14	23 11	0 30	5 33	0 46	23 12	0 9	20 28	16 58	21 29	21 46	12 7		n.a.
M24	10 14	11 37	3 37	9 59	0n 8	21 11	1 23	22 33	1 8	23 14	0 14	23 11	0 30	5 33	0 46	23 12	0 9	20 28	16 59	21 28	21 45	12 5		n.a.
T 25	10 35	15 30	2 42	10 58	0 18	21 30	1 26	22 40	1 9	23 15	0 14	23 11	0 30	5 34	0 46	23 12	0 9	20 27	16 59	21 27	21 45	12 3		n.a.
W26	10 56	18 41	1 37	11 55	0 29	21 48	1 28	22 47	1 9	23 16	0 14	23 11	0 30	5 35	0 46	23 12	0 9	20 27	16 59	21 27	21 44	12 0		n.a.
T 27	11 17	20 56	0 26	12 51	0 39	22 5	1 30	22 53	1 9	23 18	0 14	23 11	0 30	5 35	0 46	23 12	0 9	20 27	16 59	21 27	21 44	11 58		n.a.
F 28	11 37	22 0	0n48	13 46	0 49	22 22	1 32	23 0	1 9	23 19	0 14	23 11	0 30	5 36	0 46	23 12	0 9	20 27	16 59	21 27	21 43	11 56		n.a.
S 29	11 57	21 45	2 0	14 39	0 58	22 38	1 34	23 6	1 9	23 20	0 14	23 11	0 30	5 37	0 46	23 12	0 9	20 27	17 0	21 27	21 43	11 54		n.a.
S 30	12n18	20s11	3n 6	15n31	1n 7	22n54	1n36	23n12	1n 9	23n21	0n15	23s11	0n30	5n37	0n46	23s12	0n 9	20s26	17s 0	21s27	21s42	11n51		n.a.

Julian Day Number = 1490675.5, Delta T = 05h14m58s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'55, Lahiri = -12°40'54 Julian Calendar 1 Apr. 632 BCE == Greg. Calendar 25 March 632 BCE

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

MAY 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 7 53	2♉50'29	25♏33	10♉23	5♊39	9♊21	17♊ 4	24°R52	17°R42	10°R23	17♓47	5♐ 9	6♐30	15♌31	n.a.	M 1
T 2	14 11 49	3°47'46	9♒44	12°30	6°51	9°58	17°16	24♐50	17♍41	10♏22	17°48	5°R10	6°27	15°37	n.a.	T 2
W 3	14 15 46	4°45'02	24° 1	14°36	8° 2	10°35	17°27	24°49	17°39	10°22	17°49	5° 8	6°23	15°44	n.a.	W 3
T 4	14 19 42	5°42'18	8♓21	16°39	9°13	11°12	17°38	24°46	17°38	10°21	17°50	5° 6	6°20	15°51	n.a.	T 4
F 5	14 23 39	6°39'33	22°41	18°41	10°24	11°50	17°50	24°44	17°36	10°21	17°51	5° 2	6°17	15°58	n.a.	F 5
S 6	14 27 36	7°36'48	6♈56	20°40	11°35	12°27	18° 1	24°42	17°35	10°20	17°52	4°58	6°14	16° 4	n.a.	S 6
S 7	14 31 32	8°34'02	21° 2	22°38	12°46	13° 4	18°13	24°40	17°34	10°20	17°53	4°55	6°11	16°11	n.a.	S 7
M 8	14 35 29	9°31'15	4♉53	24°33	13°57	13°42	18°25	24°37	17°32	10°19	17°54	4°52	6° 7	16°18	n.a.	M 8
T 9	14 39 25	10°28'28	18°28	26°26	15° 8	14°19	18°36	24°35	17°31	10°19	17°55	4°49	6° 4	16°24	n.a.	T 9
W10	14 43 22	11°25'41	1♊43	28°16	16°19	14°56	18°48	24°32	17°30	10°18	17°56	4°D49	6° 1	16°31	n.a.	W10
T 11	14 47 18	12°22'52	14°39	0♊ 4	17°29	15°34	19° 0	24°30	17°29	10°18	17°57	4°49	5°58	16°38	n.a.	T 11
F 12	14 51 15	13°20'03	27°16	1°50	18°40	16°11	19°12	24°27	17°28	10°17	17°58	4°50	5°55	16°45	n.a.	F 12
S 13	14 55 11	14°17'13	9♋36	3°33	19°51	16°48	19°24	24°24	17°27	10°16	17°59	4°51	5°52	16°51	n.a.	S 13
S 14	14 59 8	15°14'23	21°43	5°14	21° 1	17°26	19°36	24°21	17°26	10°15	18° 0	4°53	5°48	16°58	n.a.	S 14
M15	15 3 5	16°11'32	3♌41	6°53	22°12	18° 3	19°48	24°18	17°25	10°15	18° 1	4°54	5°45	17° 5	n.a.	M15
T 16	15 7 1	17° 8'40	15°35	8°28	23°22	18°41	20° 0	24°15	17°24	10°14	18° 1	4°R55	5°42	17°11	n.a.	T 16
W17	15 10 58	18° 5'47	27°28	10° 2	24°32	19°18	20°12	24°12	17°23	10°13	18° 2	4°54	5°39	17°18	n.a.	W17
T 18	15 14 54	19° 2'54	9♍27	11°33	25°43	19°55	20°25	24° 9	17°22	10°12	18° 3	4°53	5°36	17°25	n.a.	T 18
F 19	15 18 51	20° 0'00	21°34	13° 1	26°53	20°33	20°37	24° 6	17°22	10°11	18° 4	4°52	5°32	17°32	n.a.	F 19
S 20	15 22 47	20°57'06	3♎54	14°27	28° 3	21°10	20°49	24° 3	17°21	10°10	18° 4	4°50	5°29	17°38	n.a.	S 20
S 21	15 26 44	21°54'11	16°29	15°50	29°13	21°48	21° 2	23°59	17°20	10° 9	18° 5	4°48	5°26	17°45	n.a.	S 21
M22	15 30 40	22°51'16	29°22	17°11	0♏23	22°25	21°14	23°56	17°20	10° 8	18° 6	4°46	5°23	17°52	n.a.	M22
T 23	15 34 37	23°48'21	12♏34	18°29	1°33	23° 3	21°27	23°52	17°19	10° 8	18° 7	4°45	5°20	17°58	n.a.	T 23
W24	15 38 34	24°45'25	26° 3	19°44	2°42	23°40	21°39	23°49	17°19	10° 7	18° 7	4°45	5°17	18° 5	n.a.	W24
T 25	15 42 30	25°42'29	9♐49	20°57	3°52	24°17	21°52	23°45	17°18	10° 5	18° 8	4°D45	5°13	18°12	n.a.	T 25
F 26	15 46 27	26°39'34	23°48	22° 6	5° 1	24°55	22° 4	23°41	17°18	10° 4	18° 9	4°45	5°10	18°19	n.a.	F 26
S 27	15 50 23	27°36'38	7♑57	23°13	6°11	25°32	22°17	23°38	17°17	10° 3	18° 9	4°46	5° 7	18°25	n.a.	S 27
S 28	15 54 20	28°33'43	22°12	24°17	7°20	26°10	22°29	23°34	17°17	10° 2	18°10	4°46	5° 4	18°32	n.a.	S 28
M29	15 58 16	29°30'48	6♒31	25°18	8°30	26°47	22°42	23°30	17°17	10° 1	18°10	4°47	5° 1	18°39	n.a.	M29
T 30	16 2 13	0♊27'53	20°49	26°15	9°39	27°25	22°55	23°26	17°17	10° 0	18°11	4°47	4°58	18°45	n.a.	T 30
W31	16 6 10	1♊24'59	5♓ 3	27♊ 9	10♋48	28♊ 2	23♊ 8	23♐22	17♍17	9♏59	18♓12	4°R47	4♐54	18♌52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	12n38	17s22	4n 1	16n20	1n16	23n 9	1n38	23n18	1n 9	23n22	0n15	23s11	0n30	5n38	0n46	23s12	0n 9	20s26	17s 0	21s27	21s42	11n49			n.a.
T 2	12 57	13 31	4 43	17 8	1 24	23 24	1 40	23 24	1 10	23 24	0 15	23 11	0 30	5 38	0 46	23 12	0 9	20 26	17 0	21 27	21 41	11 47			n.a.
W 3	13 17	8 53	5 7	17 54	1 31	23 37	1 42	23 30	1 10	23 25	0 15	23 11	0 29	5 39	0 46	23 12	0 9	20 26	17 1	21 27	21 40	11 45			n.a.
T 4	13 36	3 44	5 12	18 37	1 38	23 51	1 44	23 35	1 10	23 26	0 15	23 11	0 29	5 39	0 46	23 12	0 9	20 26	17 1	21 27	21 40	11 42			n.a.
F 5	13 56	1n37	4 58	19 18	1 45	24 3	1 45	23 40	1 10	23 27	0 15	23 10	0 29	5 40	0 46	23 12	0 9	20 25	17 1	21 26	21 39	11 40			n.a.
S 6	14 14	6 51	4 26	19 56	1 50	24 15	1 47	23 45	1 10	23 28	0 15	23 10	0 29	5 41	0 46	23 12	0 9	20 25	17 1	21 25	21 39	11 38			n.a.
S 7	14 33	11 40	3 37	20 32	1 55	24 26	1 48	23 50	1 10	23 29	0 15	23 10	0 29	5 41	0 46	23 12	0 9	20 25	17 2	21 25	21 38	11 35			n.a.
M 8	14 52	15 47	2 37	21 5	1 59	24 37	1 50	23 55	1 10	23 31	0 15	23 10	0 29	5 41	0 46	23 12	0 9	20 25	17 2	21 24	21 38	11 33			n.a.
T 9	15 10	18 59	1 29	21 37	2 3	24 46	1 51	24 0	1 10	23 32	0 15	23 10	0 29	5 42	0 46	23 13	0 9	20 25	17 2	21 24	21 37	11 31			n.a.
W10	15 28	21 4	0 17	22 5	2 5	24 56	1 53	24 4	1 10	23 33	0 15	23 10	0 29	5 42	0 46	23 13	0 9	20 25	17 3	21 24	21 37	11 29			n.a.
T 11	15 46	21 59	0s54	22 31	2 7	25 4	1 54	24 9	1 11	23 34	0 15	23 10	0 29	5 43	0 46	23 13	0 9	20 25	17 3	21 24	21 36	11 26			n.a.
F 12	16 3	21 44	2 0	22 55	2 9	25 12	1 55	24 13	1 11	23 35	0 15	23 10	0 29	5 43	0 46	23 13	0 9	20 24	17 3	21 24	21 35	11 24			n.a.
S 13	16 21	20 25	3 0	23 16	2 9	25 19	1 56	24 17	1 11	23 36	0 16	23 10	0 29	5 43	0 46	23 13	0 9	20 24	17 3	21 24	21 35	11 22			n.a.
S 14	16 38	18 12	3 50	23 35	2 9	25 25	1 58	24 21	1 11	23 37	0 16	23 10	0 29	5 44	0 46	23 13	0 9	20 24	17 4	21 24	21 34	11 19			n.a.
M15	16 55	15 13	4 30	23 52	2 8	25 31	1 59	24 24	1 11	23 38	0 16	23 10	0 29	5 44	0 46	23 13	0 9	20 24	17 4	21 25	21 34	11 17			n.a.
T 16	17 11	11 39	4 58	24 7	2 7	25 35	1 59	24 28	1 11	23 39	0 16	23 10	0 29	5 44	0 45	23 13	0 9	20 24	17 4	21 25	21 33	11 15			n.a.
W17	17 27	7 37	5 13	24 19	2 5	25 40	2 0	24 31	1 11	23 40	0 16	23 10	0 29	5 45	0 45	23 13	0 9	20 24	17 5	21 25	21 33	11 13			n.a.
T 18	17 43	3 17	5 15	24 29	2 2	25 43	2 1	24 34	1 11	23 41	0 16	23 10	0 29	5 45	0 45	23 13	0 9	20 24	17 5	21 24	21 32	11 10			n.a.
F 19	17 59	1s14	5 2	24 38	1 58	25 46	2 2	24 37	1 11	23 42	0 16	23 10	0 29	5 45	0 45	23 13	0 9	20 24	17 5	21 24	21 31	11 8			n.a.
S 20	18 15	5 47	4 36	24 44	1 54	25 48	2 2	24 39	1 11	23 43	0 16	23 9	0 29	5 46	0 45	23 13	0 9	20 24	17 5	21 24	21 31	11 6			n.a.
S 21	18 30	10 12	3 56	24 49	1 49	25 49	2 3	24 42	1 11	23 44	0 16	23 9	0 29	5 46	0 45	23 13	0 9	20 24	17 6	21 23	21 30	11 3			n.a.
M22	18 44	14 15	3 3	24 52	1 44	25 49	2 3	24 44	1 11	23 45	0 16	23 9	0 28	5 46	0 45	23 13	0 9	20 24	17 6	21 23	21 30	11 1			n.a.
T 23	18 59	17 43	2 0	24 53	1 38	25 49	2 4	24 46	1 12	23 46	0 16	23 9	0 28	5 46	0 45	23 14	0 9	20 24	17 6	21 23	21 29	10 59			n.a.
W24	19 13	20 19	0 48	24 53	1 31	25 48	2 4	24 48	1 12	23 47	0 16	23 9	0 28	5 46	0 45	23 14	0 9	20 24	17 7	21 23	21 29	10 57			n.a.
T 25	19 27	21 46	0n28	24 51	1 24	25 47	2 4	24 50	1 12	23 48	0 17	23 9	0 28	5 46	0 45	23 14	0 9	20 24	17 7	21 23	21 28	10 54			n.a.
F 26	19 41	21 54	1 44	24 47	1 16	25 44	2 4	24 52	1 12	23 48	0 17	23 9	0 28	5 47	0 45	23 14	0 9	20 24	17 7	21 23	21 27	10 52			n.a.
S 27	19 54	20 38	2 54	24 43	1 7	25 41	2 4	24 53	1 12	23 49	0 17	23 9	0 28	5 47	0 45	23 14	0 9	20 24	17 8	21 23	21 27	10 50			n.a.
S 28	20 7	18 4	3 54	24 37	0 58	25 37	2 4	24 55	1 12	23 50	0 17	23 9	0 28	5 47	0 45	23 14	0 9	20 24	17 8	21 23	21 26	10 47			n.a.
M29	20 20	14 24	4 39	24 29	0 48	25 33	2 4	24 56	1 12	23 51	0 17	23 9	0 28	5 47	0 45	23 14	0 9	20 24	17 8	21 23	21 26	10 45			n.a.
T 30	20 32	9 54	5 8	24 21	0 38	25 28	2 3	24 57	1 12	23 52	0 17	23 8	0 28	5 47	0 45	23 14	0 9	20 24	17 9	21 23	21 25	10 43			n.a.
W31	20n44	4s53	5n17	24n11	0n27	25n22	2n 3	24n57	1n12	23n52	0n17	23s 8	0n28	5n47	0n45	23s14	0n 9	20s24	17s 9	21s23	21s25	10n40			n.a.

Julian Day Number = 1490705.5, Delta T = 05h14m57s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'51, Lahiri = -12°40'50 Julian Calendar 1 May 632 BCE == Greg. Calendar 24 Apr. 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

JUNE 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 10 6	2♊22'05	19♓12	28♊ 0	11♋57	28♊40	23♊20	23°R18	17°R17	9°R58	18♓12	4°R47	4♐51	18♌59	n.a.	T 1
F 2	16 14 3	3°19'11	3♈12	28°48	13° 6	29°17	23°33	23♐14	17°D16	9♑56	18°13	4♐47	4°48	19° 6	n.a.	F 2
S 3	16 17 59	4°16'18	17° 2	29°32	14°15	29°55	23°46	23°10	17♍17	9°55	18°13	4°47	4°45	19°12	n.a.	S 3
S 4	16 21 56	5°13'26	0♉40	0♋12	15°23	0♋33	23°59	23° 6	17°17	9°54	18°13	4°D47	4°42	19°19	n.a.	S 4
M 5	16 25 52	6°10'33	14° 5	0°48	16°32	1°10	24°12	23° 2	17°17	9°53	18°14	4°47	4°38	19°26	n.a.	M 5
T 6	16 29 49	7° 7'42	27°17	1°21	17°41	1°48	24°25	22°58	17°17	9°51	18°14	4°47	4°35	19°32	n.a.	T 6
W 7	16 33 45	8° 4'50	10♊13	1°49	18°49	2°25	24°38	22°54	17°17	9°50	18°15	4°R47	4°32	19°39	n.a.	W 7
T 8	16 37 42	9° 2'00	22°55	2°13	19°57	3° 3	24°51	22°49	17°17	9°49	18°15	4°47	4°29	19°46	n.a.	T 8
F 9	16 41 39	9°59'09	5♋23	2°32	21° 6	3°41	25° 4	22°45	17°18	9°47	18°15	4°46	4°26	19°53	n.a.	F 9
S 10	16 45 35	10°56'19	17°38	2°47	22°14	4°18	25°17	22°41	17°18	9°46	18°16	4°45	4°23	19°59	n.a.	S 10
S 11	16 49 32	11°53'29	29°43	2°58	23°22	4°56	25°30	22°37	17°19	9°45	18°16	4°45	4°19	20° 6	n.a.	S 11
M12	16 53 28	12°50'39	11♌40	3° 3	24°30	5°34	25°43	22°32	17°19	9°43	18°16	4°44	4°16	20°13	n.a.	M12
T 13	16 57 25	13°47'49	23°33	3°R 4	25°37	6°11	25°56	22°28	17°20	9°42	18°17	4°43	4°13	20°20	n.a.	T 13
W14	17 1 21	14°45'00	5♍26	3° 0	26°45	6°49	26°10	22°23	17°20	9°40	18°17	4°42	4°10	20°26	n.a.	W14
T 15	17 5 18	15°42'11	17°24	2°51	27°52	7°27	26°23	22°19	17°21	9°39	18°17	4°D42	4° 7	20°33	n.a.	T 15
F 16	17 9 14	16°39'23	29°30	2°37	29° 0	8° 5	26°36	22°15	17°22	9°37	18°17	4°42	4° 4	20°40	n.a.	F 16
S 17	17 13 11	17°36'35	11♎50	2°18	0♌ 7	8°42	26°49	22°10	17°22	9°36	18°18	4°43	4° 0	20°46	n.a.	S 17
S 18	17 17 8	18°33'47	24°27	1°55	1°14	9°20	27° 2	22° 6	17°23	9°34	18°18	4°44	3°57	20°53	n.a.	S 18
M19	17 21 4	19°31'00	7♏25	1°28	2°21	9°58	27°15	22° 1	17°24	9°33	18°18	4°45	3°54	21° 0	n.a.	M19
T 20	17 25 1	20°28'13	20°46	0°56	3°28	10°36	27°29	21°57	17°25	9°31	18°18	4°46	3°51	21° 7	n.a.	T 20
W21	17 28 57	21°25'27	4♐30	0°21	4°34	11°14	27°42	21°52	17°26	9°30	18°18	4°R47	3°48	21°13	n.a.	W21
T 22	17 32 54	22°22'42	18°36	29♊43	5°41	11°51	27°55	21°48	17°27	9°28	18°18	4°46	3°44	21°20	n.a.	T 22
F 23	17 36 50	23°19'58	3♑ 0	29° 2	6°47	12°29	28° 8	21°43	17°28	9°27	18°18	4°45	3°41	21°27	n.a.	F 23
S 24	17 40 47	24°17'15	17°36	28°20	7°53	13° 7	28°22	21°39	17°29	9°25	18°18	4°43	3°38	21°33	n.a.	S 24
S 25	17 44 44	25°14'32	2♒19	27°36	8°59	13°45	28°35	21°35	17°30	9°24	18°R18	4°40	3°35	21°40	n.a.	S 25
M26	17 48 40	26°11'51	17° 0	26°52	10° 5	14°23	28°48	21°30	17°32	9°22	18°18	4°38	3°32	21°47	n.a.	M26
T 27	17 52 37	27° 9'11	1♓35	26° 8	11°10	15° 1	29° 1	21°26	17°33	9°21	18°18	4°36	3°29	21°54	n.a.	T 27
W28	17 56 33	28° 6'32	15°57	25°25	12°16	15°39	29°15	21°21	17°34	9°19	18°18	4°34	3°25	22° 0	n.a.	W28
T 29	18 0 30	29° 3'55	0♈ 4	24°44	13°21	16°17	29°28	21°17	17°36	9°17	18°18	4°D34	3°22	22° 7	n.a.	T 29
F 30	18 4 26	0♋ 1'19	13♈54	24♊ 6	14♌26	16♋54	29♊41	21♐13	17♍37	9♑16	18♓18	4♐34	3♐19	22♌14	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n55	0n22	5n 7	24n 1	0n16	25n15	2n 2	24n58	1n12	23n53	0n17	23s 8	0n28	5n47	0n45	23s14	0n 9	20s24	17s 9	21s23	21s24	10n38		n.a.
F 2	21 7	5 32	4 39	23 50	0 4	25 8	2 2	24 58	1 12	23 54	0 17	23 8	0 28	5 47	0 45	23 14	0 9	20 25	17 10	21 23	21 23	10 36		n.a.
S 3	21 17	10 23	3 55	23 38	0s 8	25 0	2 1	24 58	1 12	23 55	0 17	23 8	0 28	5 47	0 45	23 15	0 9	20 25	17 10	21 23	21 23	10 34		n.a.
S 4	21 28	14 38	2 58	23 25	0 21	24 51	2 0	24 58	1 12	23 55	0 17	23 8	0 28	5 47	0 45	23 15	0 9	20 25	17 10	21 23	21 22	10 31		n.a.
M 5	21 38	18 4	1 52	23 12	0 34	24 42	1 59	24 58	1 12	23 56	0 18	23 8	0 27	5 47	0 45	23 15	0 9	20 25	17 11	21 23	21 22	10 29		n.a.
T 6	21 48	20 30	0 41	22 58	0 48	24 32	1 58	24 58	1 12	23 57	0 18	23 7	0 27	5 46	0 45	23 15	0 9	20 25	17 11	21 23	21 21	10 27		n.a.
W 7	21 57	21 48	0s30	22 44	1 2	24 21	1 57	24 57	1 12	23 57	0 18	23 7	0 27	5 46	0 45	23 15	0 9	20 25	17 11	21 23	21 20	10 24		n.a.
T 8	22 7	21 56	1 39	22 29	1 16	24 10	1 56	24 56	1 12	23 58	0 18	23 7	0 27	5 46	0 45	23 15	0 9	20 25	17 12	21 23	21 20	10 22		n.a.
F 9	22 15	20 58	2 42	22 14	1 30	23 58	1 54	24 55	1 12	23 58	0 18	23 7	0 27	5 46	0 44	23 15	0 9	20 26	17 12	21 23	21 19	10 20		n.a.
S 10	22 24	19 2	3 36	22 0	1 45	23 46	1 53	24 54	1 12	23 59	0 18	23 7	0 27	5 46	0 44	23 15	0 9	20 26	17 12	21 23	21 19	10 17		n.a.
S 11	22 32	16 16	4 19	21 45	2 0	23 32	1 51	24 53	1 12	24 0	0 18	23 7	0 27	5 46	0 44	23 15	0 9	20 26	17 13	21 23	21 18	10 15		n.a.
M12	22 39	12 52	4 51	21 30	2 14	23 19	1 49	24 51	1 12	24 0	0 18	23 6	0 27	5 45	0 44	23 16	0 9	20 26	17 13	21 23	21 17	10 13		n.a.
T 13	22 46	8 58	5 10	21 15	2 29	23 4	1 48	24 49	1 12	24 1	0 18	23 6	0 27	5 45	0 44	23 16	0 9	20 26	17 14	21 22	21 17	10 11		n.a.
W14	22 53	4 45	5 16	21 0	2 44	22 49	1 46	24 47	1 12	24 1	0 18	23 6	0 27	5 45	0 44	23 16	0 9	20 27	17 14	21 22	21 16	10 8		n.a.
T 15	22 59	0 19	5 9	20 46	2 58	22 34	1 44	24 45	1 12	24 2	0 18	23 6	0 27	5 44	0 44	23 16	0 9	20 27	17 14	21 22	21 16	10 6		n.a.
F 16	23 5	4s11	4 47	20 33	3 12	22 18	1 41	24 43	1 12	24 2	0 18	23 6	0 27	5 44	0 44	23 16	0 9	20 27	17 15	21 22	21 15	10 4		n.a.
S 17	23 11	8 36	4 13	20 19	3 26	22 1	1 39	24 41	1 12	24 2	0 19	23 6	0 27	5 44	0 44	23 16	0 9	20 27	17 15	21 22	21 14	10 1		n.a.
S 18	23 16	12 46	3 25	20 7	3 38	21 44	1 37	24 38	1 12	24 3	0 19	23 5	0 26	5 43	0 44	23 16	0 9	20 28	17 15	21 23	21 14	9 59		n.a.
M19	23 21	16 28	2 25	19 55	3 50	21 26	1 34	24 35	1 12	24 3	0 19	23 5	0 26	5 43	0 44	23 16	0 9	20 28	17 16	21 23	21 13	9 57		n.a.
T 20	23 25	19 25	1 17	19 45	4 1	21 8	1 32	24 32	1 12	24 4	0 19	23 5	0 26	5 43	0 44	23 17	0 9	20 28	17 16	21 23	21 13	9 54		n.a.
W21	23 29	21 22	0 2	19 35	4 11	20 49	1 29	24 29	1 12	24 4	0 19	23 5	0 26	5 42	0 44	23 17	0 9	20 28	17 16	21 23	21 12	9 52		n.a.
T 22	23 33	22 1	1n16	19 26	4 20	20 30	1 26	24 26	1 12	24 4	0 19	23 5	0 26	5 42	0 44	23 17	0 9	20 29	17 17	21 23	21 11	9 50		n.a.
F 23	23 36	21 15	2 29	19 19	4 27	20 10	1 23	24 22	1 12	24 5	0 19	23 5	0 26	5 41	0 44	23 17	0 9	20 29	17 17	21 23	21 11	9 47		n.a.
S 24	23 39	19 3	3 35	19 12	4 33	19 50	1 20	24 18	1 12	24 5	0 19	23 4	0 26	5 41	0 44	23 17	0 9	20 29	17 17	21 22	21 10	9 45		n.a.
S 25	23 41	15 36	4 26	19 7	4 38	19 30	1 17	24 14	1 12	24 5	0 19	23 4	0 26	5 40	0 44	23 17	0 9	20 30	17 18	21 22	21 10	9 43		n.a.
M26	23 43	11 12	5 0	19 4	4 40	19 9	1 14	24 10	1 12	24 5	0 19	23 4	0 26	5 40	0 44	23 17	0 9	20 30	17 18	21 21	21 9	9 40		n.a.
T 27	23 44	6 11	5 14	19 2	4 41	18 47	1 10	24 6	1 12	24 6	0 20	23 4	0 26	5 39	0 44	23 17	0 9	20 30	17 19	21 21	21 8	9 38		n.a.
W28	23 45	0 53	5 8	19 2	4 40	18 25	1 7	24 2	1 12	24 6	0 20	23 4	0 26	5 39	0 44	23 17	0 9	20 31	17 19	21 21	21 8	9 36		n.a.
T 29	23 46	4n21	4 44	19 3	4 37	18 3	1 3	23 57	1 12	24 6	0 20	23 3	0 25	5 38	0 44	23 18	0 9	20 31	17 19	21 21	21 7	9 33		n.a.
F 30	23n46	9n17	4n 3	19n 6	4s33	17n40	0n59	23n52	1n12	24n 6	0n20	23s 3	0n25	5n37	0n44	23s18	0n 9	20s31	17s20	21s21	21s 7	9n31		n.a.

Julian Day Number = 1490736.5, Delta T = 05h14m55s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'46, Lahiri = -12°40'46 Julian Calendar 1 June 632 BCE == Greg. Calendar 25 May 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

JULY 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 8 23	0♋58'44	27♈27	23°R32	15♌31	17♋32	29♊55	21°R 8	17♍39	9°R14	18°R18	4♐35	3♐16	22♌21	n.a.	S 1
S 2	18 12 19	1°56'11	10♉45	23♊ 1	16°36	18°10	0♋ 8	21♐ 4	17°40	9♑13	18♓18	4°37	3°13	22°27	n.a.	S 2
M 3	18 16 16	2°53'39	23°47	22°36	17°40	18°48	0°21	20°59	17°42	9°11	18°18	4°38	3°10	22°34	n.a.	M 3
T 4	18 20 13	3°51'08	6♊36	22°15	18°45	19°27	0°34	20°55	17°43	9° 9	18°18	4°R39	3° 6	22°41	n.a.	T 4
W 5	18 24 9	4°48'39	19°13	22° 1	19°49	20° 5	0°48	20°51	17°45	9° 8	18°17	4°38	3° 3	22°47	n.a.	W 5
T 6	18 28 6	5°46'11	1♋39	21°53	20°52	20°43	1° 1	20°47	17°47	9° 6	18°17	4°35	3° 0	22°54	n.a.	T 6
F 7	18 32 2	6°43'45	13°55	21°D51	21°56	21°21	1°14	20°42	17°49	9° 4	18°17	4°31	2°57	23° 1	n.a.	F 7
S 8	18 35 59	7°41'20	26° 2	21°56	22°59	21°59	1°27	20°38	17°50	9° 3	18°17	4°26	2°54	23° 8	n.a.	S 8
S 9	18 39 55	8°38'56	8♌ 2	22° 8	24° 3	22°37	1°41	20°34	17°52	9° 1	18°16	4°20	2°50	23°14	n.a.	S 9
M10	18 43 52	9°36'33	19°56	22°27	25° 6	23°15	1°54	20°30	17°54	9° 0	18°16	4°14	2°47	23°21	n.a.	M10
T 11	18 47 48	10°34'11	1♍48	22°54	26° 8	23°53	2° 7	20°26	17°56	8°58	18°16	4° 8	2°44	23°28	n.a.	T 11
W12	18 51 45	11°31'51	13°40	23°27	27°11	24°32	2°20	20°22	17°58	8°56	18°15	4° 4	2°41	23°34	n.a.	W12
T 13	18 55 42	12°29'31	25°35	24° 7	28°13	25°10	2°33	20°18	18° 0	8°55	18°15	4° 0	2°38	23°41	n.a.	T 13
F 14	18 59 38	13°27'13	7♎39	24°54	29°15	25°48	2°47	20°14	18° 2	8°53	18°15	3°59	2°35	23°48	n.a.	F 14
S 15	19 3 35	14°24'56	19°56	25°48	0♍16	26°26	3° 0	20°10	18° 4	8°51	18°14	3°D59	2°31	23°55	n.a.	S 15
S 16	19 7 31	15°22'41	2♏30	26°49	1°17	27° 5	3°13	20° 6	18° 6	8°50	18°14	4° 0	2°28	24° 1	n.a.	S 16
M17	19 11 28	16°20'26	15°25	27°56	2°18	27°43	3°26	20° 3	18° 9	8°48	18°13	4° 1	2°25	24° 8	n.a.	M17
T 18	19 15 24	17°18'13	28°46	29° 9	3°19	28°21	3°39	19°59	18°11	8°47	18°13	4°R 2	2°22	24°15	n.a.	T 18
W19	19 19 21	18°16'02	12♐35	0♋27	4°19	29° 0	3°52	19°55	18°13	8°45	18°12	4° 2	2°19	24°22	n.a.	W19
T 20	19 23 17	19°13'52	26°50	1°51	5°19	29°38	4° 5	19°52	18°16	8°43	18°12	4° 0	2°16	24°28	n.a.	T 20
F 21	19 27 14	20°11'43	11♑30	3°21	6°19	0♌16	4°18	19°48	18°18	8°42	18°11	3°56	2°12	24°35	n.a.	F 21
S 22	19 31 11	21° 9'36	26°27	4°55	7°18	0°55	4°31	19°45	18°20	8°40	18°11	3°50	2° 9	24°42	n.a.	S 22
S 23	19 35 7	22° 7'31	11♒34	6°33	8°17	1°33	4°44	19°41	18°23	8°39	18°10	3°43	2° 6	24°48	n.a.	S 23
M24	19 39 4	23° 5'27	26°39	8°15	9°15	2°12	4°57	19°38	18°25	8°37	18°10	3°36	2° 3	24°55	n.a.	M24
T 25	19 43 0	24° 3'25	11♓34	10° 0	10°13	2°50	5°10	19°35	18°28	8°35	18° 9	3°30	2° 0	25° 2	n.a.	T 25
W26	19 46 57	25° 1'25	26°12	11°48	11°11	3°28	5°23	19°31	18°31	8°34	18° 9	3°25	1°56	25° 9	n.a.	W26
T 27	19 50 53	25°59'27	10♈27	13°39	12° 8	4° 7	5°36	19°28	18°33	8°32	18° 8	3°21	1°53	25°15	n.a.	T 27
F 28	19 54 50	26°57'32	24°17	15°31	13° 5	4°46	5°48	19°25	18°36	8°31	18° 7	3°D20	1°50	25°22	n.a.	F 28
S 29	19 58 46	27°55'38	7♉44	17°25	14° 1	5°24	6° 1	19°22	18°39	8°29	18° 7	3°21	1°47	25°29	n.a.	S 29
S 30	20 2 43	28°53'47	20°50	19°20	14°57	6° 3	6°14	19°19	18°41	8°28	18° 6	3°22	1°44	25°36	n.a.	S 30
M31	20 6 40	29♋51'57	3♊38	21♋16	15♍53	6♌41	6♋27	19♐16	18♍44	8♑26	18♓ 5	3°R22	1♐41	25♌42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	13n40	3n10	19n10	4s27	17n17	0n56	23n47	1n12	24n 6	0n20	23s 3	0n25	5n37	0n44	23s18	0n 9	20s32	17s20	21s21	21s 6	9n29		n.a.
S 2	23 45	17 16	2 7	19 16	4 19	16 54	0 52	23 42	1 12	24 6	0 20	23 3	0 25	5 36	0 43	23 18	0 9	20 32	17 20	21 21	21 5	9 26		n.a.
M 3	23 44	19 56	0 59	19 24	4 10	16 30	0 48	23 36	1 11	24 6	0 20	23 3	0 25	5 36	0 43	23 18	0 9	20 32	17 21	21 22	21 5	9 24		n.a.
T 4	23 43	21 32	0s11	19 33	4 0	16 6	0 43	23 31	1 11	24 6	0 20	23 2	0 25	5 35	0 43	23 18	0 9	20 33	17 21	21 22	21 4	9 22		n.a.
W 5	23 41	22 1	1 19	19 44	3 48	15 42	0 39	23 25	1 11	24 6	0 20	23 2	0 25	5 34	0 43	23 18	0 9	20 33	17 21	21 21	21 3	9 19		n.a.
T 6	23 39	21 23	2 22	19 56	3 36	15 17	0 35	23 19	1 11	24 6	0 20	23 2	0 25	5 33	0 43	23 19	0 9	20 34	17 22	21 21	21 3	9 17		n.a.
F 7	23 36	19 45	3 18	20 9	3 22	14 52	0 30	23 13	1 11	24 6	0 21	23 2	0 25	5 33	0 43	23 19	0 9	20 34	17 22	21 20	21 2	9 15		n.a.
S 8	23 33	17 14	4 4	20 24	3 8	14 26	0 25	23 7	1 11	24 6	0 21	23 2	0 25	5 32	0 43	23 19	0 9	20 34	17 22	21 19	21 2	9 12		n.a.
S 9	23 29	14 2	4 39	20 40	2 53	14 1	0 21	23 1	1 11	24 6	0 21	23 1	0 24	5 31	0 43	23 19	0 9	20 35	17 23	21 18	21 1	9 10		n.a.
M10	23 25	10 17	5 1	20 56	2 37	13 35	0 16	22 54	1 11	24 6	0 21	23 1	0 24	5 30	0 43	23 19	0 9	20 35	17 23	21 17	21 0	9 8		n.a.
T 11	23 21	6 9	5 10	21 13	2 21	13 9	0 11	22 47	1 11	24 6	0 21	23 1	0 24	5 30	0 43	23 19	0 9	20 36	17 23	21 16	21 0	9 5		n.a.
W12	23 16	1 49	5 6	21 31	2 5	12 43	0 6	22 40	1 11	24 6	0 21	23 1	0 24	5 29	0 43	23 19	0 9	20 36	17 24	21 15	20 59	9 3		n.a.
T 13	23 10	2s38	4 49	21 49	1 49	12 16	0 1	22 33	1 11	24 6	0 21	23 1	0 24	5 28	0 43	23 19	0 9	20 37	17 24	21 14	20 58	9 1		n.a.
F 14	23 5	7 2	4 19	22 7	1 33	11 49	0s 5	22 26	1 11	24 6	0 21	23 0	0 24	5 27	0 43	23 20	0 9	20 37	17 24	21 14	20 58	8 58		n.a.
S 15	22 59	11 13	3 36	22 25	1 17	11 22	0 10	22 19	1 11	24 6	0 21	23 0	0 24	5 26	0 43	23 20	0 9	20 37	17 25	21 14	20 57	8 56		n.a.
S 16	22 52	15 3	2 43	22 42	1 2	10 55	0 16	22 11	1 10	24 5	0 22	23 0	0 24	5 25	0 43	23 20	0 9	20 38	17 25	21 14	20 57	8 54		n.a.
M17	22 45	18 16	1 39	22 59	0 46	10 28	0 21	22 3	1 10	24 5	0 22	23 0	0 24	5 24	0 43	23 20	0 9	20 38	17 25	21 15	20 56	8 51		n.a.
T 18	22 38	20 37	0 28	23 15	0 31	10 0	0 27	21 55	1 10	24 5	0 22	23 0	0 23	5 23	0 43	23 20	0 9	20 39	17 26	21 15	20 55	8 49		n.a.
W19	22 30	21 51	0n46	23 29	0 17	9 33	0 33	21 47	1 10	24 5	0 22	23 0	0 23	5 22	0 43	23 20	0 9	20 39	17 26	21 15	20 55	8 47		n.a.
T 20	22 22	21 44	2 0	23 43	0 3	9 5	0 39	21 39	1 10	24 4	0 22	22 59	0 23	5 22	0 43	23 20	0 8	20 40	17 26	21 14	20 54	8 44		n.a.
F 21	22 14	20 9	3 8	23 54	0n10	8 37	0 45	21 31	1 10	24 4	0 22	22 59	0 23	5 21	0 43	23 20	0 8	20 40	17 27	21 14	20 53	8 42		n.a.
S 22	22 5	17 9	4 5	24 3	0 23	8 10	0 51	21 22	1 10	24 4	0 22	22 59	0 23	5 20	0 43	23 20	0 8	20 41	17 27	21 13	20 53	8 40		n.a.
S 23	21 55	13 0	4 45	24 11	0 34	7 42	0 57	21 13	1 10	24 3	0 22	22 59	0 23	5 19	0 43	23 21	0 8	20 41	17 27	21 11	20 52	8 37		n.a.
M24	21 46	8 2	5 5	24 16	0 45	7 14	1 4	21 4	1 10	24 3	0 22	22 59	0 23	5 18	0 43	23 21	0 8	20 42	17 27	21 10	20 51	8 35		n.a.
T 25	21 36	2 39	5 4	24 18	0 55	6 46	1 10	20 55	1 9	24 3	0 23	22 59	0 23	5 16	0 43	23 21	0 8	20 42	17 28	21 9	20 51	8 33		n.a.
W26	21 25	2n47	4 43	24 18	1 4	6 17	1 17	20 46	1 9	24 2	0 23	22 59	0 23	5 15	0 43	23 21	0 8	20 43	17 28	21 8	20 50	8 30		n.a.
T 27	21 15	7 56	4 5	24 16	1 13	5 49	1 23	20 37	1 9	24 2	0 23	22 58	0 22	5 14	0 43	23 21	0 8	20 43	17 28	21 7	20 50	8 28		n.a.
F 28	21 3	12 32	3 14	24 11	1 20	5 21	1 30	20 27	1 9	24 1	0 23	22 58	0 22	5 13	0 43	23 21	0 8	20 44	17 29	21 7	20 49	8 26		n.a.
S 29	20 52	16 23	2 13	24 3	1 26	4 53	1 37	20 18	1 9	24 1	0 23	22 58	0 22	5 12	0 42	23 21	0 8	20 44	17 29	21 7	20 48	8 23		n.a.
S 30	20 40	19 17	1 7	23 52	1 32	4 25	1 44	20 8	1 9	24 0	0 23	22 58	0 22	5 11	0 42	23 21	0 8	20 45	17 29	21 7	20 48	8 21		n.a.
M31	20n28	21n 9	0s 1	23n39	1n37	3n57	1s51	19n58	1n 9	24n 0	0n23	22s58	0n22	5n10	0n42	23s22	0n 8	20s45	17s29	21s 7	20s47	8n19		n.a.

Julian Day Number = 1490766.5, Delta T = 05h14m54s
Ecliptic obliquity = 23°46'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'42, Lahiri = -12°40'42 Julian Calendar 1 July 632 BCE == Greg. Calendar 24 June 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

AUGUST 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 10 36	0♌50'10	16♊11	23♋13	16♍47	7♌20	6♋39	19°R14	18♍47	8°R25	18°R 5	3°R21	1♐37	25♌49	n.a.	T 1
W 2	20 14 33	1°48'25	28°32	25°10	17°42	7°59	6°52	19♐11	18°50	8♑23	18♓ 4	3♐18	1°34	25°56	n.a.	W 2
T 3	20 18 29	2°46'42	10♋44	27° 6	18°36	8°37	7° 4	19° 8	18°53	8°22	18° 3	3°13	1°31	26° 2	n.a.	T 3
F 4	20 22 26	3°45'01	22°48	29° 3	19°29	9°16	7°17	19° 6	18°56	8°20	18° 2	3° 4	1°28	26° 9	n.a.	F 4
S 5	20 26 22	4°43'22	4♌48	0♌59	20°22	9°55	7°29	19° 3	18°58	8°19	18° 2	2°54	1°25	26°16	n.a.	S 5
S 6	20 30 19	5°41'45	16°43	2°55	21°14	10°34	7°42	19° 1	19° 1	8°18	18° 1	2°42	1°22	26°23	n.a.	S 6
M 7	20 34 15	6°40'09	28°35	4°49	22° 5	11°13	7°54	18°59	19° 4	8°16	18° 0	2°30	1°18	26°29	n.a.	M 7
T 8	20 38 12	7°38'36	10♍26	6°44	22°56	11°51	8° 7	18°56	19° 8	8°15	17°59	2°18	1°15	26°36	n.a.	T 8
W 9	20 42 8	8°37'04	22°18	8°37	23°46	12°30	8°19	18°54	19°11	8°13	17°58	2° 8	1°12	26°43	n.a.	W 9
T 10	20 46 5	9°35'34	4♎14	10°29	24°36	13° 9	8°31	18°52	19°14	8°12	17°57	2° 1	1° 9	26°49	n.a.	T 10
F 11	20 50 2	10°34'06	16°17	12°20	25°24	13°48	8°43	18°50	19°17	8°11	17°57	1°55	1° 6	26°56	n.a.	F 11
S 12	20 53 58	11°32'40	28°31	14°11	26°12	14°27	8°56	18°49	19°20	8° 9	17°56	1°53	1° 2	27° 3	n.a.	S 12
S 13	20 57 55	12°31'15	11♏ 0	16° 0	27° 0	15° 6	9° 8	18°47	19°23	8° 8	17°55	1°D52	0°59	27°10	n.a.	S 13
M14	21 1 51	13°29'53	23°50	17°48	27°46	15°45	9°20	18°45	19°26	8° 7	17°54	1°52	0°56	27°16	n.a.	M14
T 15	21 5 48	14°28'32	7♐ 5	19°36	28°31	16°24	9°32	18°44	19°30	8° 6	17°53	1°R52	0°53	27°23	n.a.	T 15
W16	21 9 44	15°27'13	20°47	21°22	29°16	17° 3	9°44	18°42	19°33	8° 4	17°52	1°51	0°50	27°30	n.a.	W16
T 17	21 13 41	16°25'56	5♑ 0	23° 7	29°59	17°42	9°55	18°41	19°36	8° 3	17°51	1°47	0°47	27°37	n.a.	T 17
F 18	21 17 37	17°24'41	19°40	24°51	0♎42	18°21	10° 7	18°40	19°40	8° 2	17°50	1°41	0°43	27°43	n.a.	F 18
S 19	21 21 34	18°23'27	4♒44	26°34	1°24	19° 0	10°19	18°38	19°43	8° 1	17°49	1°33	0°40	27°50	n.a.	S 19
S 20	21 25 31	19°22'16	20° 1	28°17	2° 5	19°39	10°31	18°37	19°46	8° 0	17°48	1°23	0°37	27°57	n.a.	S 20
M21	21 29 27	20°21'07	5♓22	29°58	2°44	20°19	10°42	18°36	19°50	7°59	17°47	1°12	0°34	28° 3	n.a.	M21
T 22	21 33 24	21°19'59	20°34	1♏38	3°23	20°58	10°54	18°35	19°53	7°58	17°46	1° 2	0°31	28°10	n.a.	T 22
W23	21 37 20	22°18'54	5♈27	3°17	4° 0	21°37	11° 5	18°35	19°57	7°57	17°45	0°53	0°27	28°17	n.a.	W23
T 24	21 41 17	23°17'52	19°55	4°56	4°36	22°16	11°17	18°34	20° 0	7°55	17°44	0°48	0°24	28°24	n.a.	T 24
F 25	21 45 13	24°16'52	3♉54	6°33	5°11	22°56	11°28	18°33	20° 4	7°54	17°43	0°45	0°21	28°30	n.a.	F 25
S 26	21 49 10	25°15'54	17°25	8°10	5°44	23°35	11°39	18°33	20° 7	7°53	17°42	0°43	0°18	28°37	n.a.	S 26
S 27	21 53 6	26°14'59	0♊30	9°45	6°16	24°14	11°50	18°32	20°11	7°53	17°41	0°43	0°15	28°44	n.a.	S 27
M28	21 57 3	27°14'07	13°13	11°20	6°47	24°54	12° 2	18°32	20°14	7°52	17°40	0°43	0°12	28°51	n.a.	M28
T 29	22 0 59	28°13'16	25°38	12°54	7°16	25°33	12°13	18°32	20°18	7°51	17°39	0°41	0° 8	28°57	n.a.	T 29
W30	22 4 56	29°12'29	7♋50	14°27	7°44	26°13	12°24	18°32	20°21	7°50	17°38	0°37	0° 5	29° 4	n.a.	W30
T 31	22 8 53	0♍11'43	19♋53	16♍ 0	8♎10	26♌52	12♋34	18°D32	20♍25	7♑49	17♓37	0♐30	0♐ 2	29♌11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n15	21n55	1s 8	23n23	1n40	3n29	1s58	19n48	1n 9	23n59	0n23	22s58	0n22	5n 9	0n42	23s22	0n 8	20s46	17s30	21s 7	20s46	8n16		n.a.
W 2	20 2	21 35	2 10	23 5	1 43	3 1	2 5	19 37	1 8	23 59	0 24	22 58	0 22	5 8	0 42	23 22	0 8	20 47	17 30	21 6	20 46	8 14		n.a.
T 3	19 49	20 15	3 6	22 45	1 46	2 33	2 12	19 27	1 8	23 58	0 24	22 58	0 22	5 6	0 42	23 22	0 8	20 47	17 30	21 5	20 45	8 12		n.a.
F 4	19 35	18 0	3 52	22 23	1 47	2 5	2 20	19 17	1 8	23 58	0 24	22 57	0 22	5 5	0 42	23 22	0 8	20 48	17 31	21 4	20 44	8 9		n.a.
S 5	19 21	15 0	4 27	21 58	1 48	1 37	2 27	19 6	1 8	23 57	0 24	22 57	0 21	5 4	0 42	23 22	0 8	20 48	17 31	21 2	20 44	8 7		n.a.
S 6	19 6	11 25	4 51	21 32	1 48	1 10	2 35	18 55	1 8	23 57	0 24	22 57	0 21	5 3	0 42	23 22	0 8	20 49	17 31	20 59	20 43	8 5		n.a.
M 7	18 52	7 25	5 2	21 4	1 48	0 42	2 42	18 44	1 8	23 56	0 24	22 57	0 21	5 2	0 42	23 22	0 8	20 49	17 31	20 57	20 42	8 2		n.a.
T 8	18 37	3 9	4 59	20 34	1 47	0 15	2 50	18 33	1 7	23 55	0 24	22 57	0 21	5 0	0 42	23 22	0 8	20 50	17 32	20 55	20 42	8 0		n.a.
W 9	18 21	1s15	4 44	20 3	1 45	0s12	2 58	18 22	1 7	23 55	0 24	22 57	0 21	4 59	0 42	23 22	0 8	20 50	17 32	20 53	20 41	7 58		n.a.
T 10	18 6	5 37	4 16	19 30	1 43	0 39	3 6	18 10	1 7	23 54	0 25	22 57	0 21	4 58	0 42	23 23	0 8	20 51	17 32	20 51	20 40	7 55		n.a.
F 11	17 50	9 49	3 37	18 56	1 40	1 6	3 13	17 59	1 7	23 53	0 25	22 57	0 21	4 57	0 42	23 23	0 8	20 51	17 32	20 50	20 40	7 53		n.a.
S 12	17 33	13 41	2 47	18 21	1 37	1 33	3 21	17 47	1 7	23 53	0 25	22 57	0 21	4 55	0 42	23 23	0 8	20 52	17 32	20 49	20 39	7 51		n.a.
S 13	17 17	17 3	1 48	17 45	1 34	1 59	3 29	17 35	1 7	23 52	0 25	22 57	0 20	4 54	0 42	23 23	0 8	20 53	17 33	20 49	20 38	7 48		n.a.
M14	17 0	19 41	0 43	17 8	1 30	2 25	3 37	17 23	1 6	23 51	0 25	22 57	0 20	4 53	0 42	23 23	0 8	20 53	17 33	20 49	20 38	7 46		n.a.
T 15	16 43	21 20	0n28	16 30	1 26	2 51	3 45	17 11	1 6	23 50	0 25	22 57	0 20	4 51	0 42	23 23	0 8	20 54	17 33	20 49	20 37	7 44		n.a.
W16	16 25	21 48	1 39	15 51	1 21	3 16	3 54	16 59	1 6	23 50	0 25	22 57	0 20	4 50	0 42	23 23	0 8	20 54	17 33	20 49	20 36	7 41		n.a.
T 17	16 8	20 55	2 46	15 12	1 16	3 41	4 2	16 47	1 6	23 49	0 25	22 57	0 20	4 49	0 42	23 23	0 8	20 55	17 33	20 48	20 36	7 39		n.a.
F 18	15 50	18 36	3 44	14 32	1 11	4 6	4 10	16 35	1 6	23 48	0 26	22 57	0 20	4 47	0 42	23 23	0 8	20 55	17 34	20 47	20 35	7 37		n.a.
S 19	15 31	15 0	4 29	13 52	1 6	4 30	4 18	16 22	1 5	23 47	0 26	22 57	0 20	4 46	0 42	23 23	0 8	20 56	17 34	20 45	20 34	7 34		n.a.
S 20	15 13	10 21	4 55	13 11	1 0	4 54	4 27	16 9	1 5	23 47	0 26	22 57	0 20	4 45	0 42	23 23	0 8	20 56	17 34	20 43	20 34	7 32		n.a.
M21	14 54	5 2	5 0	12 29	0 55	5 18	4 35	15 57	1 5	23 46	0 26	22 57	0 20	4 43	0 42	23 24	0 8	20 57	17 34	20 41	20 33	7 30		n.a.
T 22	14 35	0n33	4 44	11 48	0 48	5 41	4 43	15 44	1 5	23 45	0 26	22 57	0 19	4 42	0 42	23 24	0 8	20 58	17 34	20 39	20 32	7 27		n.a.
W23	14 16	5 59	4 8	11 6	0 42	6 3	4 52	15 31	1 5	23 44	0 26	22 57	0 19	4 41	0 42	23 24	0 8	20 58	17 34	20 37	20 32	7 25		n.a.
T 24	13 56	10 56	3 18	10 23	0 36	6 26	5 0	15 18	1 4	23 43	0 26	22 57	0 19	4 39	0 42	23 24	0 8	20 59	17 35	20 36	20 31	7 23		n.a.
F 25	13 37	15 8	2 17	9 41	0 29	6 47	5 8	15 4	1 4	23 43	0 27	22 57	0 19	4 38	0 42	23 24	0 8	20 59	17 35	20 35	20 30	7 20		n.a.
S 26	13 17	18 23	1 10	8 58	0 23	7 8	5 17	14 51	1 4	23 42	0 27	22 57	0 19	4 36	0 42	23 24	0 8	21 0	17 35	20 35	20 30	7 18		n.a.
S 27	12 56	20 33	0 1	8 16	0 16	7 29	5 25	14 38	1 4	23 41	0 27	22 57	0 19	4 35	0 42	23 24	0 8	21 0	17 35	20 35	20 29	7 15		n.a.
M28	12 36	21 37	1s 6	7 33	0 9	7 49	5 33	14 24	1 4	23 40	0 27	22 57	0 19	4 33	0 42	23 24	0 8	21 1	17 35	20 35	20 28	7 13		n.a.
T 29	12 15	21 34	2 8	6 50	0 2	8 8	5 41	14 10	1 3	23 39	0 27	22 58	0 19	4 32	0 42	23 24	0 8	21 1	17 35	20 35	20 28	7 11		n.a.
W30	11 54	20 30	3 2	6 8	0s 5	8 26	5 49	13 57	1 3	23 38	0 27	22 58	0 18	4 31	0 42	23 24	0 8	21 2	17 35	20 34	20 27	7 8		n.a.
T 31	11n33	18n30	3s48	5n25	0s12	8s44	5s57	13n43	1n 3	23n37	0n28	22s58	0n18	4n29	0n42	23s24	0n 8	21s 2	17s36	20s32	20s26	7n 6		n.a.

Julian Day Number = 1490797.5, Delta T = 05h14m52s
Ecliptic obliquity = 23°46'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'38, Lahiri = -12°40'38 Julian Calendar 1 Aug. 632 BCE == Greg. Calendar 25 July 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

SEPTEMBER 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 12 49	1♍11'00	1♌50	17♍31	8♎34	27♌32	12♋45	18♐32	20♍29	7°R48	17°R35	0°R20	29♏59	29♌17	n.a.	F 1
S 2	22 16 46	2°10'19	13°44	19° 2	8°57	28°11	12°56	18°32	20°32	7♑47	17♓34	0♐ 8	29°56	29°24	n.a.	S 2
S 3	22 20 42	3° 9'40	25°36	20°31	9°18	28°51	13° 6	18°32	20°36	7°47	17°33	29♏54	29°53	29°31	n.a.	S 3
M 4	22 24 39	4° 9'04	7♍28	22° 0	9°37	29°30	13°17	18°33	20°40	7°46	17°32	29°39	29°49	29°38	n.a.	M 4
T 5	22 28 35	5° 8'29	19°22	23°28	9°55	0♍10	13°27	18°33	20°43	7°45	17°31	29°25	29°46	29°44	n.a.	T 5
W 6	22 32 32	6° 7'57	1♎18	24°56	10°10	0°50	13°38	18°34	20°47	7°44	17°30	29°12	29°43	29°51	n.a.	W 6
T 7	22 36 28	7° 7'27	13°18	26°22	10°23	1°29	13°48	18°35	20°51	7°44	17°29	29° 2	29°40	29°58	n.a.	T 7
F 8	22 40 25	8° 6'59	25°25	27°48	10°35	2° 9	13°58	18°35	20°54	7°43	17°28	28°55	29°37	0♍ 4	n.a.	F 8
S 9	22 44 22	9° 6'32	7♏42	29°12	10°44	2°49	14° 8	18°36	20°58	7°43	17°26	28°51	29°33	0°11	n.a.	S 9
S 10	22 48 18	10° 6'08	20°12	0♎36	10°51	3°29	14°18	18°37	21° 2	7°42	17°25	28°50	29°30	0°18	n.a.	S 10
M11	22 52 15	11° 5'46	2♐59	1°59	10°55	4° 9	14°28	18°38	21° 5	7°42	17°24	28°D50	29°27	0°25	n.a.	M11
T 12	22 56 11	12° 5'25	16° 7	3°21	10°R58	4°48	14°38	18°40	21° 9	7°41	17°23	28°R50	29°24	0°31	n.a.	T 12
W13	23 0 8	13° 5'06	29°41	4°41	10°58	5°28	14°47	18°41	21°13	7°41	17°22	28°49	29°21	0°38	n.a.	W13
T 14	23 4 4	14° 4'49	13♑42	6° 1	10°55	6° 8	14°57	18°42	21°17	7°40	17°21	28°46	29°18	0°45	n.a.	T 14
F 15	23 8 1	15° 4'34	28°10	7°20	10°50	6°48	15° 6	18°44	21°21	7°40	17°20	28°40	29°14	0°52	n.a.	F 15
S 16	23 11 57	16° 4'21	13♒ 3	8°37	10°43	7°28	15°16	18°45	21°24	7°39	17°18	28°32	29°11	0°58	n.a.	S 16
S 17	23 15 54	17° 4'10	28°13	9°53	10°33	8° 8	15°25	18°47	21°28	7°39	17°17	28°23	29° 8	1° 5	n.a.	S 17
M18	23 19 50	18° 4'00	13♓32	11° 7	10°21	8°48	15°34	18°49	21°32	7°39	17°16	28°12	29° 5	1°12	n.a.	M18
T 19	23 23 47	19° 3'53	28°46	12°20	10° 7	9°28	15°43	18°51	21°36	7°39	17°15	28° 2	29° 2	1°18	n.a.	T 19
W20	23 27 44	20° 3'47	13♈47	13°31	9°50	10° 9	15°52	18°53	21°39	7°38	17°14	27°54	28°59	1°25	n.a.	W20
T 21	23 31 40	21° 3'44	28°24	14°40	9°31	10°49	16° 0	18°55	21°43	7°38	17°13	27°48	28°55	1°32	n.a.	T 21
F 22	23 35 37	22° 3'43	12♉33	15°47	9° 9	11°29	16° 9	18°57	21°47	7°38	17°12	27°45	28°52	1°39	n.a.	F 22
S 23	23 39 33	23° 3'45	26°12	16°52	8°45	12° 9	16°17	18°59	21°51	7°38	17°10	27°D44	28°49	1°45	n.a.	S 23
S 24	23 43 30	24° 3'48	9♊24	17°54	8°20	12°49	16°26	19° 2	21°55	7°38	17° 9	27°44	28°46	1°52	n.a.	S 24
M25	23 47 26	25° 3'54	22°10	18°54	7°52	13°30	16°34	19° 4	21°58	7°38	17° 8	27°R45	28°43	1°59	n.a.	M25
T 26	23 51 23	26° 4'03	4♋36	19°50	7°23	14°10	16°42	19° 7	22° 2	7°D38	17° 7	27°44	28°39	2° 6	n.a.	T 26
W27	23 55 19	27° 4'13	16°47	20°43	6°52	14°50	16°50	19° 9	22° 6	7°38	17° 6	27°42	28°36	2°12	n.a.	W27
T 28	23 59 16	28° 4'26	28°47	21°33	6°20	15°31	16°58	19°12	22°10	7°38	17° 5	27°38	28°33	2°19	n.a.	T 28
F 29	0 3 13	29° 4'40	10♌41	22°17	5°46	16°11	17° 6	19°15	22°13	7°38	17° 4	27°31	28°30	2°26	n.a.	F 29
S 30	0 7 9	0♎ 4'57	22♌32	22♎58	5♎12	16♍52	17♋13	19♐18	22♍17	7♑38	17♓ 2	27♏21	28♏27	2♍32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n12	15n44	4s24	4n42	0s19	9s 1	6s 5	13n29	1n 3	23n37	0n28	22s58	0n18	4n28	0n42	23s24	0n 8	21s 3	17s36	20s30	20s26	7n 4		n.a.
S 2	10 51	12 21	4 47	4 0	0 26	9 18	6 13	13 15	1 2	23 36	0 28	22 58	0 18	4 26	0 42	23 24	0 8	21 4	17 36	20 28	20 25	7 1		n.a.
S 3	10 29	8 29	4 58	3 18	0 34	9 33	6 21	13 0	1 2	23 35	0 28	22 58	0 18	4 25	0 42	23 25	0 8	21 4	17 36	20 24	20 24	6 59		n.a.
M 4	10 7	4 18	4 57	2 35	0 41	9 48	6 29	12 46	1 2	23 34	0 28	22 58	0 18	4 23	0 42	23 25	0 8	21 5	17 36	20 21	20 24	6 57		n.a.
T 5	9 45	0s 3	4 42	1 54	0 48	10 2	6 36	12 32	1 2	23 33	0 28	22 58	0 18	4 22	0 42	23 25	0 8	21 5	17 36	20 18	20 23	6 54		n.a.
W 6	9 23	4 24	4 14	1 12	0 55	10 14	6 43	12 17	1 1	23 32	0 29	22 59	0 18	4 20	0 42	23 25	0 8	21 6	17 36	20 15	20 22	6 52		n.a.
T 7	9 1	8 37	3 36	0 31	1 2	10 26	6 50	12 3	1 1	23 31	0 29	22 59	0 18	4 19	0 42	23 25	0 8	21 6	17 36	20 13	20 21	6 50		n.a.
F 8	8 38	12 33	2 47	0s10	1 10	10 37	6 57	11 48	1 1	23 30	0 29	22 59	0 17	4 17	0 42	23 25	0 8	21 7	17 36	20 12	20 21	6 47		n.a.
S 9	8 16	15 59	1 49	0 51	1 17	10 47	7 4	11 33	1 1	23 29	0 29	22 59	0 17	4 16	0 42	23 25	0 8	21 7	17 36	20 11	20 20	6 45		n.a.
S 10	7 53	18 46	0 46	1 31	1 24	10 55	7 10	11 18	1 0	23 28	0 29	22 59	0 17	4 14	0 42	23 25	0 8	21 8	17 36	20 10	20 19	6 43		n.a.
M11	7 30	20 41	0n22	2 11	1 31	11 3	7 16	11 3	1 0	23 28	0 29	23 0	0 17	4 13	0 42	23 25	0 8	21 8	17 36	20 10	20 19	6 40		n.a.
T 12	7 7	21 32	1 30	2 50	1 37	11 9	7 22	10 48	1 0	23 27	0 30	23 0	0 17	4 11	0 42	23 25	0 8	21 9	17 36	20 10	20 18	6 38		n.a.
W13	6 44	21 11	2 36	3 29	1 44	11 14	7 27	10 33	1 0	23 26	0 30	23 0	0 17	4 10	0 42	23 25	0 8	21 9	17 36	20 10	20 17	6 36		n.a.
T 14	6 21	19 30	3 34	4 7	1 51	11 17	7 32	10 18	0 59	23 25	0 30	23 0	0 17	4 8	0 42	23 25	0 8	21 10	17 36	20 10	20 17	6 33		n.a.
F 15	5 58	16 34	4 21	4 44	1 57	11 19	7 36	10 3	0 59	23 24	0 30	23 0	0 17	4 7	0 42	23 25	0 8	21 10	17 36	20 8	20 16	6 31		n.a.
S 16	5 34	12 29	4 51	5 21	2 4	11 20	7 40	9 48	0 59	23 23	0 30	23 1	0 17	4 5	0 42	23 25	0 8	21 11	17 36	20 7	20 15	6 28		n.a.
S 17	5 10	7 32	5 2	5 57	2 10	11 19	7 44	9 32	0 59	23 22	0 30	23 1	0 16	4 4	0 41	23 25	0 8	21 11	17 36	20 4	20 15	6 26		n.a.
M18	4 47	2 5	4 51	6 32	2 16	11 17	7 47	9 17	0 58	23 21	0 31	23 1	0 16	4 2	0 41	23 25	0 8	21 11	17 36	20 2	20 14	6 24		n.a.
T 19	4 23	3n28	4 20	7 6	2 21	11 13	7 49	9 1	0 58	23 20	0 31	23 2	0 16	4 1	0 41	23 25	0 8	21 12	17 36	20 0	20 13	6 21		n.a.
W20	3 59	8 44	3 31	7 39	2 27	11 8	7 50	8 45	0 58	23 20	0 31	23 2	0 16	3 59	0 41	23 25	0 8	21 12	17 36	19 58	20 12	6 19		n.a.
T 21	3 35	13 22	2 29	8 11	2 32	11 1	7 51	8 30	0 57	23 19	0 31	23 2	0 16	3 58	0 41	23 25	0 8	21 13	17 36	19 57	20 12	6 17		n.a.
F 22	3 11	17 5	1 20	8 42	2 36	10 52	7 52	8 14	0 57	23 18	0 31	23 2	0 16	3 56	0 41	23 25	0 7	21 13	17 36	19 56	20 11	6 14		n.a.
S 23	2 47	19 42	0 8	9 11	2 41	10 42	7 51	7 58	0 57	23 17	0 32	23 3	0 16	3 55	0 41	23 25	0 7	21 14	17 36	19 56	20 10	6 12		n.a.
S 24	2 23	21 9	1s 2	9 39	2 45	10 31	7 50	7 42	0 56	23 16	0 32	23 3	0 16	3 53	0 41	23 25	0 7	21 14	17 36	19 56	20 10	6 10		n.a.
M25	1 59	21 26	2 6	10 5	2 48	10 18	7 47	7 26	0 56	23 15	0 32	23 3	0 16	3 52	0 41	23 25	0 7	21 15	17 36	19 56	20 9	6 7		n.a.
T 26	1 35	20 38	3 3	10 30	2 51	10 3	7 44	7 10	0 56	23 14	0 32	23 4	0 15	3 50	0 41	23 25	0 7	21 15	17 36	19 56	20 8	6 5		n.a.
W27	1 11	18 53	3 51	10 53	2 54	9 47	7 41	6 54	0 55	23 14	0 32	23 4	0 15	3 49	0 41	23 25	0 7	21 15	17 36	19 55	20 7	6 3		n.a.
T 28	0 47	16 20	4 27	11 13	2 56	9 30	7 36	6 38	0 55	23 13	0 32	23 4	0 15	3 47	0 41	23 25	0 7	21 16	17 36	19 54	20 7	6 0		n.a.
F 29	0 22	13 7	4 52	11 31	2 57	9 11	7 30	6 22	0 55	23 12	0 33	23 5	0 15	3 46	0 41	23 25	0 7	21 16	17 36	19 53	20 6	5 58		n.a.
S 30	0s 2	9n25	5s 3	11s47	2s57	8s51	7s24	6n 5	0n55	23n11	0n33	23s 5	0n15	3n44	0n41	23s25	0n 7	21s16	17s36	19s50	20s 5	5n56		n.a.

Julian Day Number = 1490828.5, Delta T = 05h14m51s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'34, Lahiri = -12°40'33 Julian Calendar 1 Sept. 632 BCE == Greg. Calendar 25 Aug. 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

OCTOBER 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 11 6	1♎ 5'16	4♍24	23♎33	4°R36	17♍32	17♋21	19♐21	22♍21	7♑38	17°R 1	27°R11	28♏24	2♍39	n.a.	S 1
M 2	0 15 2	2° 5'37	16°18	24° 2	4♎ 0	18°13	17°28	19°24	22°25	7°38	17♓ 0	26♏59	28°20	2°46	n.a.	M 2
T 3	0 18 59	3° 5'59	28°16	24°24	3°24	18°53	17°35	19°27	22°29	7°38	16°59	26°48	28°17	2°53	n.a.	T 3
W 4	0 22 55	4° 6'24	10♎20	24°40	2°48	19°34	17°42	19°31	22°32	7°39	16°58	26°39	28°14	2°59	n.a.	W 4
T 5	0 26 52	5° 6'50	22°31	24°R47	2°11	20°15	17°49	19°34	22°36	7°39	16°57	26°32	28°11	3° 6	n.a.	T 5
F 6	0 30 48	6° 7'18	4♏50	24°46	1°36	20°55	17°56	19°38	22°40	7°39	16°56	26°27	28° 8	3°13	n.a.	F 6
S 7	0 34 45	7° 7'48	17°18	24°36	1° 1	21°36	18° 3	19°41	22°43	7°39	16°55	26°24	28° 4	3°19	n.a.	S 7
S 8	0 38 41	8° 8'19	29°58	24°16	0°26	22°17	18° 9	19°45	22°47	7°40	16°54	26°D24	28° 1	3°26	n.a.	S 8
M 9	0 42 38	9° 8'52	12♐51	23°47	29♍53	22°58	18°15	19°48	22°51	7°40	16°53	26°25	27°58	3°33	n.a.	M 9
T 10	0 46 35	10° 9'27	26° 2	23° 7	29°21	23°39	18°21	19°52	22°54	7°41	16°51	26°26	27°55	3°40	n.a.	T 10
W11	0 50 31	11°10'02	9♑31	22°17	28°51	24°19	18°27	19°56	22°58	7°41	16°50	26°R27	27°52	3°46	n.a.	W11
T 12	0 54 28	12°10'39	23°22	21°18	28°23	25° 0	18°33	20° 0	23° 2	7°42	16°49	26°26	27°49	3°53	n.a.	T 12
F 13	0 58 24	13°11'18	7♒35	20°10	27°56	25°41	18°39	20° 4	23° 5	7°42	16°48	26°24	27°45	4° 0	n.a.	F 13
S 14	1 2 21	14°11'57	22° 8	18°56	27°31	26°22	18°44	20° 8	23° 9	7°43	16°47	26°20	27°42	4° 7	n.a.	S 14
S 15	1 6 17	15°12'38	6♓56	17°37	27° 8	27° 3	18°50	20°13	23°13	7°43	16°46	26°14	27°39	4°13	n.a.	S 15
M16	1 10 14	16°13'20	21°54	16°16	26°48	27°44	18°55	20°17	23°16	7°44	16°45	26° 7	27°36	4°20	n.a.	M16
T 17	1 14 10	17°14'03	6♈53	14°55	26°30	28°25	19° 0	20°21	23°20	7°45	16°44	26° 1	27°33	4°27	n.a.	T 17
W18	1 18 7	18°14'48	21°43	13°37	26°14	29° 6	19° 5	20°26	23°23	7°46	16°43	25°56	27°30	4°33	n.a.	W18
T 19	1 22 4	19°15'34	6♉16	12°25	26° 1	29°48	19° 9	20°30	23°27	7°46	16°42	25°53	27°26	4°40	n.a.	T 19
F 20	1 26 0	20°16'22	20°27	11°21	25°50	0♎29	19°14	20°35	23°30	7°47	16°42	25°D52	27°23	4°47	n.a.	F 20
S 21	1 29 57	21°17'12	4♊11	10°26	25°42	1°10	19°18	20°40	23°34	7°48	16°41	25°52	27°20	4°54	n.a.	S 21
S 22	1 33 53	22°18'03	17°29	9°43	25°36	1°51	19°22	20°44	23°37	7°49	16°40	25°53	27°17	5° 0	n.a.	S 22
M23	1 37 50	23°18'55	0♋22	9°10	25°33	2°32	19°26	20°49	23°41	7°50	16°39	25°55	27°14	5° 7	n.a.	M23
T 24	1 41 46	24°19'50	12°53	8°49	25°D32	3°14	19°30	20°54	23°44	7°51	16°38	25°56	27°10	5°14	n.a.	T 24
W25	1 45 43	25°20'45	25° 8	8°D40	25°34	3°55	19°34	20°59	23°47	7°51	16°37	25°R57	27° 7	5°21	n.a.	W25
T 26	1 49 39	26°21'43	7♌10	8°42	25°38	4°37	19°37	21° 4	23°51	7°52	16°36	25°56	27° 4	5°27	n.a.	T 26
F 27	1 53 36	27°22'41	19° 4	8°54	25°44	5°18	19°41	21° 9	23°54	7°53	16°35	25°54	27° 1	5°34	n.a.	F 27
S 28	1 57 33	28°23'41	0♍55	9°16	25°53	6° 0	19°44	21°15	23°57	7°55	16°35	25°51	26°58	5°41	n.a.	S 28
S 29	2 1 29	29°24'42	12°48	9°46	26° 4	6°41	19°46	21°20	24° 1	7°56	16°34	25°47	26°55	5°47	n.a.	S 29
M30	2 5 26	0♏25'45	24°45	10°24	26°17	7°23	19°49	21°25	24° 4	7°57	16°33	25°42	26°51	5°54	n.a.	M30
T 31	2 9 22	1♏26'49	6♎49	11♎ 8	26♍33	8♎ 4	19♋52	21♐30	24♍ 7	7♑58	16♓32	25♏38	26♏48	6♍ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	0s26	5n21	5s 2	11s59	2s56	8s30	7s16	5n49	0n54	23n10	0n33	23s 5	0n15	3n43	0n41	23s25	0n 7	21s17	17s36	19s48	20s 5	5n53			n.a.
M 2	0 51	1 4	4 48	12 9	2 55	8 8	7 8	5 33	0 54	23 10	0 33	23 6	0 15	3 41	0 41	23 25	0 7	21 17	17 36	19 45	20 4	5 51			n.a.
T 3	1 15	3s16	4 20	12 15	2 52	7 45	6 59	5 16	0 53	23 9	0 33	23 6	0 15	3 40	0 41	23 26	0 7	21 18	17 35	19 43	20 3	5 49			n.a.
W 4	1 39	7 32	3 41	12 17	2 48	7 22	6 49	5 0	0 53	23 8	0 34	23 6	0 15	3 38	0 41	23 26	0 7	21 18	17 35	19 41	20 2	5 46			n.a.
T 5	2 4	11 32	2 52	12 15	2 43	6 58	6 39	4 43	0 53	23 7	0 34	23 7	0 15	3 37	0 41	23 26	0 7	21 18	17 35	19 39	20 2	5 44			n.a.
F 6	2 28	15 5	1 53	12 9	2 37	6 33	6 27	4 27	0 52	23 7	0 34	23 7	0 14	3 35	0 41	23 26	0 7	21 19	17 35	19 38	20 1	5 41			n.a.
S 7	2 52	18 1	0 49	11 57	2 29	6 8	6 15	4 10	0 52	23 6	0 34	23 8	0 14	3 34	0 41	23 25	0 7	21 19	17 35	19 37	20 0	5 39			n.a.
S 8	3 16	20 7	0n19	11 41	2 19	5 42	6 3	3 54	0 52	23 5	0 35	23 8	0 14	3 32	0 42	23 25	0 7	21 19	17 35	19 37	20 0	5 37			n.a.
M 9	3 40	21 12	1 28	11 19	2 7	5 17	5 50	3 37	0 51	23 5	0 35	23 8	0 14	3 31	0 42	23 25	0 7	21 19	17 35	19 37	19 59	5 34			n.a.
T 10	4 5	21 9	2 33	10 52	1 54	4 52	5 36	3 20	0 51	23 4	0 35	23 9	0 14	3 29	0 42	23 25	0 7	21 20	17 35	19 37	19 58	5 32			n.a.
W11	4 29	19 54	3 32	10 19	1 39	4 27	5 22	3 3	0 51	23 4	0 35	23 9	0 14	3 28	0 42	23 25	0 7	21 20	17 34	19 38	19 57	5 30			n.a.
T 12	4 53	17 27	4 20	9 41	1 22	4 2	5 8	2 47	0 50	23 3	0 35	23 10	0 14	3 26	0 42	23 25	0 7	21 20	17 34	19 38	19 57	5 27			n.a.
F 13	5 17	13 54	4 53	8 59	1 4	3 38	4 53	2 30	0 50	23 2	0 36	23 10	0 14	3 25	0 42	23 25	0 7	21 21	17 34	19 37	19 56	5 25			n.a.
S 14	5 40	9 28	5 9	8 12	0 45	3 14	4 38	2 13	0 49	23 2	0 36	23 10	0 14	3 23	0 42	23 25	0 7	21 21	17 34	19 36	19 55	5 23			n.a.
S 15	6 4	4 23	5 4	7 23	0 24	2 51	4 23	1 56	0 49	23 1	0 36	23 11	0 13	3 22	0 42	23 25	0 7	21 21	17 34	19 35	19 54	5 20			n.a.
M16	6 28	1n 1	4 39	6 32	0 4	2 29	4 8	1 39	0 49	23 1	0 36	23 11	0 13	3 21	0 42	23 25	0 7	21 21	17 33	19 33	19 54	5 18			n.a.
T 17	6 52	6 21	3 55	5 42	0n17	2 8	3 52	1 22	0 48	23 0	0 36	23 12	0 13	3 19	0 42	23 25	0 7	21 21	17 33	19 32	19 53	5 16			n.a.
W18	7 15	11 17	2 55	4 53	0 37	1 48	3 37	1 5	0 48	23 0	0 37	23 12	0 13	3 18	0 42	23 25	0 7	21 22	17 33	19 30	19 52	5 13			n.a.
T 19	7 38	15 26	1 45	4 7	0 56	1 29	3 22	0 49	0 48	22 59	0 37	23 12	0 13	3 16	0 42	23 25	0 7	21 22	17 33	19 30	19 52	5 11			n.a.
F 20	8 2	18 35	0 29	3 25	1 14	1 11	3 7	0 32	0 47	22 59	0 37	23 13	0 13	3 15	0 42	23 25	0 7	21 22	17 33	19 29	19 51	5 9			n.a.
S 21	8 25	20 32	0s45	2 49	1 30	0 54	2 52	0 15	0 47	22 59	0 37	23 13	0 13	3 14	0 42	23 25	0 7	21 22	17 32	19 29	19 50	5 6			n.a.
S 22	8 48	21 15	1 55	2 18	1 44	0 38	2 37	0s 2	0 46	22 58	0 38	23 14	0 13	3 12	0 42	23 25	0 7	21 22	17 32	19 30	19 49	5 4			n.a.
M23	9 11	20 49	2 57	1 54	1 56	0 23	2 23	0 19	0 46	22 58	0 38	23 14	0 13	3 11	0 42	23 25	0 7	21 23	17 32	19 30	19 49	5 2			n.a.
T 24	9 34	19 20	3 49	1 37	2 7	0 10	2 8	0 36	0 45	22 57	0 38	23 15	0 13	3 9	0 42	23 25	0 7	21 23	17 32	19 30	19 48	4 59			n.a.
W25	9 56	16 59	4 29	1 25	2 15	0n 2	1 54	0 54	0 45	22 57	0 38	23 15	0 13	3 8	0 42	23 25	0 7	21 23	17 32	19 31	19 47	4 57			n.a.
T 26	10 19	13 57	4 57	1 20	2 21	0 13	1 41	1 11	0 45	22 57	0 39	23 15	0 12	3 7	0 42	23 25	0 7	21 23	17 31	19 30	19 46	4 55			n.a.
F 27	10 41	10 23	5 11	1 21	2 26	0 23	1 27	1 28	0 44	22 57	0 39	23 16	0 12	3 5	0 42	23 25	0 7	21 23	17 31	19 30	19 46	4 52			n.a.
S 28	11 3	6 26	5 12	1 26	2 29	0 32	1 14	1 45	0 44	22 56	0 39	23 16	0 12	3 4	0 42	23 25	0 7	21 23	17 31	19 29	19 45	4 50			n.a.
S 29	11 25	2 14	5 0	1 36	2 31	0 39	1 1	2 2	0 43	22 56	0 39	23 17	0 12	3 3	0 42	23 25	0 7	21 23	17 31	19 28	19 44	4 48			n.a.
M30	11 47	2s 4	4 34	1 51	2 32	0 45	0 49	2 19	0 43	22 56	0 39	23 17	0 12	3 2	0 42	23 25	0 7	21 23	17 30	19 27	19 43	4 45			n.a.
T 31	12s 8	6s21	3s56	2s 9	2n31	0n50	0s37	2s36	0n42	22n56	0n40	23s18	0n12	3n 0	0n42	23s25	0n 7	21s23	17s30	19s26	19s43	4n43			n.a.

Julian Day Number = 1490858.5, Delta T = 05h14m50s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'30, Lahiri = -12°40'29 Julian Calendar 1 Oct. 632 BCE == Greg. Calendar 24 Sept. 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

NOVEMBER 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 13 19	2♏27'54	19♎ 2	11♎59	26♍50	8♎46	19♋54	21♐36	24♍10	7♑59	16°R31	25°R34	26♏45	6♍ 8	n.a.	W 1
T 2	2 17 15	3°28'59	1♏26	12°55	27°10	9°27	19°56	21°41	24°14	8° 0	16♓31	25♏31	26°42	6°14	n.a.	T 2
F 3	2 21 12	4°30'06	14° 2	13°56	27°31	10° 9	19°58	21°47	24°17	8° 1	16°30	25°29	26°39	6°21	n.a.	F 3
S 4	2 25 8	5°31'14	26°50	15° 1	27°54	10°51	20° 0	21°53	24°20	8° 3	16°29	25°D29	26°35	6°28	n.a.	S 4
S 5	2 29 5	6°32'23	9♐49	16°10	28°19	11°33	20° 1	21°58	24°23	8° 4	16°28	25°29	26°32	6°34	n.a.	S 5
M 6	2 33 2	7°33'33	23° 2	17°21	28°46	12°14	20° 3	22° 4	24°26	8° 5	16°28	25°31	26°29	6°41	n.a.	M 6
T 7	2 36 58	8°34'43	6♑27	18°35	29°15	12°56	20° 4	22°10	24°29	8° 7	16°27	25°32	26°26	6°48	n.a.	T 7
W 8	2 40 55	9°35'53	20° 6	19°52	29°45	13°38	20° 5	22°16	24°32	8° 8	16°27	25°33	26°23	6°55	n.a.	W 8
T 9	2 44 51	10°37'04	3♒57	21°10	0♎17	14°20	20° 6	22°22	24°35	8° 9	16°26	25°34	26°20	7° 1	n.a.	T 9
F 10	2 48 48	11°38'15	18° 2	22°30	0°50	15° 2	20° 6	22°28	24°38	8°11	16°25	25°R34	26°16	7° 8	n.a.	F 10
S 11	2 52 44	12°39'27	2♓18	23°52	1°24	15°44	20° 7	22°34	24°41	8°12	16°25	25°33	26°13	7°15	n.a.	S 11
S 12	2 56 41	13°40'38	16°42	25°15	2° 0	16°26	20° 7	22°40	24°43	8°14	16°24	25°32	26°10	7°21	n.a.	S 12
M13	3 0 37	14°41'50	1♈12	26°39	2°38	17° 8	20°R 7	22°46	24°46	8°15	16°24	25°31	26° 7	7°28	n.a.	M13
T 14	3 4 34	15°43'03	15°41	28° 4	3°17	17°50	20° 7	22°52	24°49	8°17	16°23	25°29	26° 4	7°35	n.a.	T 14
W15	3 8 31	16°44'16	0♉ 6	29°30	3°57	18°32	20° 6	22°58	24°52	8°18	16°23	25°28	26° 1	7°42	n.a.	W15
T 16	3 12 27	17°45'29	14°19	0♏56	4°38	19°14	20° 6	23° 5	24°54	8°20	16°22	25°28	25°57	7°48	n.a.	T 16
F 17	3 16 24	18°46'42	28°16	2°24	5°20	19°57	20° 5	23°11	24°57	8°22	16°22	25°D28	25°54	7°55	n.a.	F 17
S 18	3 20 20	19°47'56	11♊54	3°52	6° 4	20°39	20° 4	23°17	24°59	8°23	16°21	25°28	25°51	8° 2	n.a.	S 18
S 19	3 24 17	20°49'11	25°10	5°20	6°48	21°21	20° 3	23°24	25° 2	8°25	16°21	25°28	25°48	8° 9	n.a.	S 19
M20	3 28 13	21°50'26	8♋ 5	6°49	7°34	22° 3	20° 2	23°30	25° 5	8°27	16°20	25°29	25°45	8°15	n.a.	M20
T 21	3 32 10	22°51'41	20°41	8°18	8°20	22°46	20° 0	23°37	25° 7	8°28	16°20	25°29	25°41	8°22	n.a.	T 21
W22	3 36 7	23°52'57	2♌59	9°48	9° 8	23°28	19°58	23°43	25° 9	8°30	16°20	25°29	25°38	8°29	n.a.	W22
T 23	3 40 3	24°54'13	15° 4	11°18	9°56	24°11	19°56	23°50	25°12	8°32	16°19	25°29	25°35	8°35	n.a.	T 23
F 24	3 44 0	25°55'30	27° 1	12°49	10°45	24°53	19°54	23°56	25°14	8°33	16°19	25°29	25°32	8°42	n.a.	F 24
S 25	3 47 56	26°56'47	8♍53	14°20	11°36	25°35	19°52	24° 3	25°16	8°35	16°19	25°30	25°29	8°49	n.a.	S 25
S 26	3 51 53	27°58'04	20°46	15°51	12°27	26°18	19°49	24°10	25°19	8°37	16°18	25°30	25°26	8°56	n.a.	S 26
M27	3 55 49	28°59'22	2♎44	17°23	13°18	27° 1	19°47	24°16	25°21	8°39	16°18	25°30	25°22	9° 2	n.a.	M27
T 28	3 59 46	0♐ 0'39	14°51	18°55	14°11	27°43	19°44	24°23	25°23	8°41	16°18	25°30	25°19	9° 9	n.a.	T 28
W29	4 3 42	1° 1'57	27°11	20°27	15° 4	28°26	19°41	24°30	25°25	8°43	16°18	25°31	25°16	9°16	n.a.	W29
T 30	4 7 39	2♐ 3'15	9♏46	22♏ 0	15♎58	29♎ 8	19♋37	24♐37	25♍27	8♑45	16♓18	25♏32	25♏13	9♍22	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12s30	10s26	3s 7	2s31	2n30	0n54	0s25	2s53	0n42	22n56	0n40	23s18	0n12	2n59	0n42	23s25	0n 7	21s23	17s30	19s25	19s42	4n41		n.a.
T 2	12 51	14 8	2 9	2 55	2 27	0 56	0 13	3 10	0 41	22 56	0 40	23 19	0 12	2 58	0 42	23 25	0 7	21 23	17 29	19 24	19 41	4 38		n.a.
F 3	13 12	17 16	1 3	3 22	2 24	0 58	0 2	3 27	0 41	22 56	0 40	23 19	0 12	2 57	0 42	23 25	0 7	21 24	17 29	19 24	19 40	4 36		n.a.
S 4	13 33	19 36	0n 7	3 51	2 20	0 58	0n 9	3 44	0 40	22 56	0 41	23 19	0 12	2 55	0 42	23 25	0 7	21 24	17 29	19 24	19 40	4 33		n.a.
S 5	13 53	20 56	1 18	4 21	2 16	0 58	0 19	4 1	0 40	22 56	0 41	23 20	0 11	2 54	0 42	23 24	0 7	21 24	17 29	19 24	19 39	4 31		n.a.
M 6	14 13	21 9	2 26	4 54	2 11	0 56	0 29	4 18	0 40	22 56	0 41	23 20	0 11	2 53	0 42	23 24	0 7	21 24	17 28	19 24	19 38	4 29		n.a.
T 7	14 33	20 9	3 27	5 27	2 5	0 54	0 39	4 35	0 39	22 56	0 41	23 21	0 11	2 52	0 42	23 24	0 7	21 24	17 28	19 25	19 37	4 26		n.a.
W 8	14 53	17 59	4 18	6 2	2 0	0 50	0 48	4 52	0 39	22 56	0 42	23 21	0 11	2 51	0 42	23 24	0 7	21 24	17 28	19 25	19 37	4 24		n.a.
T 9	15 13	14 46	4 54	6 37	1 54	0 45	0 57	5 9	0 38	22 56	0 42	23 22	0 11	2 49	0 42	23 24	0 7	21 23	17 27	19 25	19 36	4 22		n.a.
F 10	15 32	10 40	5 14	7 13	1 47	0 40	1 6	5 25	0 38	22 56	0 42	23 22	0 11	2 48	0 42	23 24	0 7	21 23	17 27	19 25	19 35	4 19		n.a.
S 11	15 51	5 55	5 14	7 49	1 41	0 34	1 14	5 42	0 37	22 56	0 42	23 23	0 11	2 47	0 42	23 24	0 7	21 23	17 27	19 25	19 34	4 17		n.a.
S 12	16 10	0 48	4 55	8 26	1 34	0 26	1 22	5 59	0 37	22 57	0 43	23 23	0 11	2 46	0 42	23 24	0 7	21 23	17 26	19 25	19 34	4 15		n.a.
M13	16 28	4n24	4 17	9 3	1 27	0 18	1 30	6 16	0 36	22 57	0 43	23 23	0 11	2 45	0 42	23 24	0 7	21 23	17 26	19 24	19 33	4 12		n.a.
T 14	16 46	9 22	3 23	9 41	1 20	0 10	1 37	6 33	0 36	22 57	0 43	23 24	0 11	2 44	0 42	23 24	0 7	21 23	17 26	19 24	19 32	4 10		n.a.
W15	17 4	13 47	2 16	10 18	1 13	0s 0	1 44	6 49	0 35	22 57	0 43	23 24	0 11	2 43	0 42	23 24	0 7	21 23	17 25	19 24	19 31	4 8		n.a.
T 16	17 22	17 20	1 1	10 56	1 6	0 10	1 51	7 6	0 35	22 58	0 44	23 25	0 11	2 42	0 42	23 24	0 7	21 23	17 25	19 24	19 31	4 5		n.a.
F 17	17 39	19 48	0s16	11 33	0 59	0 22	1 57	7 23	0 34	22 58	0 44	23 25	0 10	2 41	0 42	23 24	0 7	21 23	17 25	19 23	19 30	4 3		n.a.
S 18	17 56	21 2	1 30	12 10	0 52	0 33	2 3	7 39	0 33	22 58	0 44	23 25	0 10	2 40	0 42	23 23	0 7	21 23	17 24	19 24	19 29	4 1		n.a.
S 19	18 12	21 3	2 38	12 47	0 45	0 46	2 9	7 56	0 33	22 59	0 44	23 26	0 10	2 39	0 42	23 23	0 7	21 23	17 24	19 24	19 28	3 58		n.a.
M20	18 29	19 56	3 35	13 23	0 37	0 59	2 15	8 12	0 32	22 59	0 45	23 26	0 10	2 38	0 42	23 23	0 7	21 22	17 24	19 24	19 28	3 56		n.a.
T 21	18 45	17 51	4 21	14 0	0 30	1 13	2 20	8 29	0 32	23 0	0 45	23 27	0 10	2 37	0 42	23 23	0 7	21 22	17 23	19 24	19 27	3 54		n.a.
W22	19 0	15 0	4 53	14 35	0 23	1 27	2 25	8 45	0 31	23 0	0 45	23 27	0 10	2 36	0 42	23 23	0 6	21 22	17 23	19 24	19 26	3 51		n.a.
T 23	19 15	11 34	5 12	15 11	0 16	1 42	2 30	9 2	0 31	23 1	0 45	23 28	0 10	2 35	0 42	23 23	0 6	21 22	17 23	19 24	19 25	3 49		n.a.
F 24	19 30	7 43	5 17	15 46	0 9	1 57	2 34	9 18	0 30	23 1	0 46	23 28	0 10	2 34	0 42	23 23	0 6	21 22	17 22	19 24	19 25	3 47		n.a.
S 25	19 45	3 35	5 9	16 20	0 2	2 13	2 39	9 34	0 30	23 2	0 46	23 28	0 10	2 33	0 42	23 23	0 6	21 22	17 22	19 24	19 24	3 44		n.a.
S 26	19 59	0s41	4 47	16 54	0s 5	2 30	2 42	9 50	0 29	23 3	0 46	23 29	0 10	2 32	0 42	23 23	0 6	21 21	17 22	19 24	19 23	3 42		n.a.
M27	20 13	4 57	4 13	17 27	0 12	2 47	2 46	10 6	0 28	23 3	0 46	23 29	0 10	2 31	0 42	23 23	0 6	21 21	17 21	19 24	19 22	3 40		n.a.
T 28	20 26	9 6	3 27	17 59	0 19	3 4	2 50	10 22	0 28	23 4	0 47	23 29	0 10	2 31	0 43	23 22	0 6	21 21	17 21	19 24	19 21	3 37		n.a.
W29	20 39	12 57	2 31	18 31	0 25	3 22	2 53	10 38	0 27	23 5	0 47	23 30	0 9	2 30	0 43	23 22	0 6	21 21	17 21	19 24	19 21	3 35		n.a.
T 30	20s52	16s18	1s26	19s 2	0s32	3s40	2n56	10s54	0n27	23n 5	0n47	23s30	0n 9	2n29	0n43	23s22	0n 6	21s20	17s20	19s24	19s20	3n33		n.a.

Julian Day Number = 1490889.5, Delta T = 05h14m48s
Ecliptic obliquity = 23°46'12, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'26, Lahiri = -12°40'25 Julian Calendar 1 Nov. 632 BCE == Greg. Calendar 25 Oct. 632 BCE

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ASTRODIENST EPHEMERIS for the year 632 BCE
geocentric

DECEMBER 632 BCE (-631) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 11 36	3♐ 4'33	22♏38	23♏33	16♎52	29♎51	19°R34	24♐43	25♍29	8♑46	16°R17	25°R32	25♏10	9♍29	n.a.	F 1
S 2	4 15 32	4° 5'50	5♐47	25° 6	17°48	0♏34	19♋30	24°50	25°31	8°48	16♓17	25♏32	25° 7	9°36	n.a.	S 2
S 3	4 19 29	5° 7'08	19°12	26°40	18°43	1°17	19°26	24°57	25°33	8°50	16°17	25°31	25° 3	9°43	n.a.	S 3
M 4	4 23 25	6° 8'25	2♑52	28°14	19°40	1°59	19°22	25° 4	25°35	8°52	16°17	25°30	25° 0	9°49	n.a.	M 4
T 5	4 27 22	7° 9'42	16°44	29°49	20°37	2°42	19°18	25°11	25°37	8°54	16°17	25°28	24°57	9°56	n.a.	T 5
W 6	4 31 18	8°10'58	0♒45	1♐23	21°34	3°25	19°14	25°18	25°38	8°56	16°17	25°27	24°54	10° 3	n.a.	W 6
T 7	4 35 15	9°12'14	14°53	2°59	22°32	4° 8	19° 9	25°25	25°40	8°58	16°D17	25°25	24°51	10°10	n.a.	T 7
F 8	4 39 11	10°13'28	29° 3	4°34	23°31	4°51	19° 4	25°32	25°42	9° 0	16°17	25°24	24°47	10°16	n.a.	F 8
S 9	4 43 8	11°14'42	13♓14	6°11	24°30	5°34	19° 0	25°39	25°43	9° 2	16°17	25°D24	24°44	10°23	n.a.	S 9
S 10	4 47 5	12°15'55	27°24	7°47	25°29	6°17	18°55	25°46	25°45	9° 5	16°17	25°25	24°41	10°30	n.a.	S 10
M11	4 51 1	13°17'08	11♈30	9°24	26°29	7° 0	18°49	25°53	25°46	9° 7	16°17	25°26	24°38	10°36	n.a.	M11
T 12	4 54 58	14°18'19	25°31	11° 2	27°29	7°43	18°44	26° 0	25°48	9° 9	16°17	25°27	24°35	10°43	n.a.	T 12
W13	4 58 54	15°19'29	9♉25	12°40	28°30	8°26	18°39	26° 7	25°49	9°11	16°17	25°28	24°32	10°50	n.a.	W13
T 14	5 2 51	16°20'39	23° 9	14°18	29°31	9° 9	18°33	26°14	25°51	9°13	16°18	25°R29	24°28	10°57	n.a.	T 14
F 15	5 6 47	17°21'48	6♊42	15°58	0♏32	9°52	18°27	26°22	25°52	9°15	16°18	25°29	24°25	11° 3	n.a.	F 15
S 16	5 10 44	18°22'56	20° 1	17°37	1°34	10°36	18°21	26°29	25°53	9°17	16°18	25°27	24°22	11°10	n.a.	S 16
S 17	5 14 41	19°24'04	3♋ 5	19°17	2°37	11°19	18°15	26°36	25°54	9°19	16°18	25°24	24°19	11°17	n.a.	S 17
M18	5 18 37	20°25'10	15°53	20°58	3°39	12° 2	18° 9	26°43	25°55	9°22	16°18	25°20	24°16	11°23	n.a.	M18
T 19	5 22 34	21°26'16	28°26	22°39	4°42	12°45	18° 3	26°50	25°56	9°24	16°19	25°16	24°13	11°30	n.a.	T 19
W20	5 26 30	22°27'21	10♌44	24°21	5°45	13°29	17°56	26°57	25°58	9°26	16°19	25°11	24° 9	11°37	n.a.	W20
T 21	5 30 27	23°28'25	22°50	26° 4	6°49	14°12	17°49	27° 5	25°58	9°28	16°19	25° 7	24° 6	11°44	n.a.	T 21
F 22	5 34 23	24°29'29	4♍47	27°47	7°53	14°55	17°43	27°12	25°59	9°30	16°20	25° 4	24° 3	11°50	n.a.	F 22
S 23	5 38 20	25°30'32	16°39	29°30	8°57	15°39	17°36	27°19	26° 0	9°33	16°20	25° 2	24° 0	11°57	n.a.	S 23
S 24	5 42 16	26°31'33	28°32	1♑15	10° 2	16°22	17°29	27°26	26° 1	9°35	16°20	25°D 2	23°57	12° 4	n.a.	S 24
M25	5 46 13	27°32'35	10♎28	2°59	11° 6	17° 6	17°22	27°33	26° 2	9°37	16°21	25° 3	23°53	12°10	n.a.	M25
T 26	5 50 10	28°33'35	22°35	4°44	12°11	17°49	17°15	27°40	26° 2	9°39	16°21	25° 4	23°50	12°17	n.a.	T 26
W27	5 54 6	29°34'34	4♏56	6°30	13°17	18°33	17° 8	27°48	26° 3	9°42	16°21	25° 6	23°47	12°24	n.a.	W27
T 28	5 58 3	0♑35'33	17°35	8°15	14°22	19°17	17° 0	27°55	26° 4	9°44	16°22	25° 7	23°44	12°31	n.a.	T 28
F 29	6 1 59	1°36'30	0♐36	10° 2	15°28	20° 0	16°53	28° 2	26° 4	9°46	16°22	25°R 7	23°41	12°37	n.a.	F 29
S 30	6 5 56	2°37'27	14° 1	11°48	16°34	20°44	16°45	28° 9	26° 5	9°48	16°23	25° 6	23°38	12°44	n.a.	S 30
S 31	6 9 52	3♑38'22	27♐47	13♑34	17♏40	21♏28	16♋38	28♐16	26♍ 5	9♑51	16♓23	25♏ 2	23♏34	12♍51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s 4	18s57	0s16	19s32	0s38	3s58	2n59	11s10	0n26	23n 6	0n47	23s31	0n 9	2n28	0n43	23s22	0n 6	21s20	17s20	19s24	19s19	3n30		n.a.	F 1
S 2	21 15	20 38	0n57	20 1	0 44	4 17	3 1	11 26	0 25	23 7	0 48	23 31	0 9	2 27	0 43	23 22	0 6	21 20	17 20	19 24	19 18	3 28		n.a.	S 2
S 3	21 27	21 12	2 7	20 30	0 50	4 36	3 4	11 41	0 25	23 8	0 48	23 31	0 9	2 27	0 43	23 22	0 6	21 19	17 19	19 24	19 18	3 26		n.a.	S 3
M 4	21 38	20 32	3 12	20 57	0 56	4 56	3 6	11 57	0 24	23 8	0 48	23 32	0 9	2 26	0 43	23 22	0 6	21 19	17 19	19 24	19 17	3 23		n.a.	M 4
T 5	21 48	18 37	4 7	21 24	1 2	5 16	3 8	12 13	0 24	23 9	0 48	23 32	0 9	2 25	0 43	23 22	0 6	21 19	17 18	19 24	19 16	3 21		n.a.	T 5
W 6	21 58	15 35	4 47	21 49	1 7	5 36	3 10	12 28	0 23	23 10	0 49	23 32	0 9	2 25	0 43	23 22	0 6	21 19	17 18	19 23	19 15	3 19		n.a.	W 6
T 7	22 8	11 39	5 11	22 14	1 13	5 56	3 11	12 43	0 22	23 11	0 49	23 33	0 9	2 24	0 43	23 21	0 6	21 18	17 18	19 23	19 14	3 16		n.a.	T 7
F 8	22 17	7 2	5 15	22 37	1 18	6 16	3 13	12 59	0 22	23 12	0 49	23 33	0 9	2 23	0 43	23 21	0 6	21 18	17 17	19 23	19 14	3 14		n.a.	F 8
S 9	22 26	2 3	5 1	23 0	1 23	6 37	3 14	13 14	0 21	23 13	0 49	23 33	0 9	2 23	0 43	23 21	0 6	21 18	17 17	19 23	19 13	3 12		n.a.	S 9
S 10	22 35	3n 3	4 28	23 21	1 27	6 58	3 15	13 29	0 20	23 14	0 49	23 34	0 9	2 22	0 43	23 21	0 6	21 17	17 17	19 23	19 12	3 9		n.a.	S 10
M11	22 42	7 58	3 40	23 41	1 32	7 19	3 16	13 44	0 20	23 15	0 50	23 34	0 8	2 21	0 43	23 21	0 6	21 17	17 16	19 23	19 11	3 7		n.a.	M11
T 12	22 50	12 27	2 38	24 0	1 36	7 40	3 16	13 58	0 19	23 16	0 50	23 34	0 8	2 21	0 43	23 21	0 6	21 16	17 16	19 23	19 11	3 5		n.a.	T 12
W13	22 57	16 12	1 28	24 17	1 40	8 2	3 17	14 13	0 18	23 17	0 50	23 34	0 8	2 20	0 43	23 21	0 6	21 16	17 15	19 24	19 10	3 2		n.a.	W13
T 14	23 3	19 1	0 13	24 33	1 44	8 23	3 17	14 28	0 18	23 18	0 50	23 35	0 8	2 20	0 43	23 20	0 6	21 16	17 15	19 24	19 9	3 0		n.a.	T 14
F 15	23 10	20 43	1s 1	24 48	1 47	8 45	3 17	14 42	0 17	23 19	0 51	23 35	0 8	2 19	0 43	23 20	0 6	21 15	17 15	19 24	19 8	2 58		n.a.	F 15
S 16	23 15	21 13	2 11	25 1	1 50	9 6	3 17	14 57	0 16	23 20	0 51	23 35	0 8	2 19	0 43	23 20	0 6	21 15	17 14	19 23	19 7	2 56		n.a.	S 16
S 17	23 20	20 32	3 12	25 12	1 53	9 28	3 17	15 11	0 16	23 21	0 51	23 36	0 8	2 18	0 43	23 20	0 6	21 14	17 14	19 23	19 7	2 53		n.a.	S 17
M18	23 25	18 48	4 2	25 23	1 55	9 50	3 17	15 25	0 15	23 22	0 51	23 36	0 8	2 18	0 43	23 20	0 6	21 14	17 14	19 22	19 6	2 51		n.a.	M18
T 19	23 29	16 12	4 40	25 31	1 57	10 11	3 16	15 39	0 14	23 23	0 51	23 36	0 8	2 18	0 43	23 20	0 6	21 14	17 13	19 21	19 5	2 49		n.a.	T 19
W20	23 33	12 55	5 3	25 38	1 59	10 33	3 16	15 53	0 14	23 24	0 52	23 36	0 8	2 17	0 43	23 20	0 6	21 13	17 13	19 19	19 4	2 46		n.a.	W20
T 21	23 36	9 10	5 13	25 43	2 0	10 55	3 15	16 7	0 13	23 25	0 52	23 37	0 8	2 17	0 43	23 20	0 6	21 13	17 12	19 18	19 3	2 44		n.a.	T 21
F 22	23 39	5 6	5 9	25 46	2 1	11 16	3 14	16 20	0 12	23 26	0 52	23 37	0 8	2 17	0 43	23 19	0 6	21 12	17 12	19 18	19 3	2 42		n.a.	F 22
S 23	23 42	0 52	4 51	25 48	2 2	11 38	3 13	16 34	0 12	23 27	0 52	23 37	0 8	2 16	0 43	23 19	0 6	21 12	17 12	19 17	19 2	2 39		n.a.	S 23
S 24	23 43	3s24	4 21	25 48	2 2	12 0	3 12	16 47	0 11	23 29	0 52	23 37	0 7	2 16	0 43	23 19	0 6	21 11	17 11	19 17	19 1	2 37		n.a.	S 24
M25	23 45	7 34	3 40	25 45	2 1	12 21	3 10	17 1	0 10	23 30	0 53	23 37	0 7	2 16	0 43	23 19	0 6	21 11	17 11	19 17	19 0	2 35		n.a.	M25
T 26	23 46	11 30	2 48	25 41	2 0	12 42	3 9	17 14	0 9	23 31	0 53	23 38	0 7	2 16	0 44	23 19	0 6	21 10	17 11	19 18	18 59	2 32		n.a.	T 26
W27	23 46	15 2	1 48	25 35	1 59	13 4	3 7	17 27	0 9	23 32	0 53	23 38	0 7	2 15	0 44	23 19	0 6	21 10	17 10	19 18	18 59	2 30		n.a.	W27
T 28	23 46	17 58	0 41	25 27	1 57	13 25	3 6	17 39	0 8	23 33	0 53	23 38	0 7	2 15	0 44	23 18	0 6	21 9	17 10	19 19	18 58	2 28		n.a.	T 28
F 29	23 46	20 4	0n30	25 17	1 54	13 46	3 4	17 52	0 7	23 34	0 53	23 38	0 7	2 15	0 44	23 18	0 6	21 9	17 10	19 19	18 57	2 25		n.a.	F 29
S 30	23 45	21 8	1 41	25 5	1 51	14 7	3 2	18 5	0 7	23 35	0 54	23 38	0 7	2 15	0 44	23 18	0 6	21 8	17 9	19 18	18 56	2 23		n.a.	S 30
S 31	23s43	20s57	2n48	24s51	1s47	14s27	3n 0	18s17	0n 6	23n36	0n54	23s39	0n 7	2n15	0n44	23s18	0n 6	21s 8	17s 9	19s17	18s55	2n21		n.a.	S 31

Julian Day Number = 1490919.5, Delta T = 05h14m47s
Ecliptic obliquity = 23°46'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'22, Lahiri = -12°40'21 Julian Calendar 1 Dec. 632 BCE == Greg. Calendar 24 Nov. 632 BCE

The year -631 astronomical counting style corresponds to year 632 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

JANUARY 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 13 49	4♑39'16	11♑54	15♑20	18♏46	22♏11	16°R30	28♐24	26♍ 5	9♑53	16♓24	24°R57	23♏31	12♍57	n.a.	M 1
T 2	6 17 45	5°40'09	26°16	17° 6	19°53	22°55	16♋23	28°31	26° 6	9°55	16°25	24♏51	23°28	13° 4	n.a.	T 2
W 3	6 21 42	6°41'00	10♒47	18°51	21° 0	23°39	16°15	28°38	26° 6	9°57	16°25	24°44	23°25	13°11	n.a.	W 3
T 4	6 25 39	7°41'50	25°21	20°36	22° 6	24°23	16° 7	28°45	26° 6	10° 0	16°26	24°37	23°22	13°18	n.a.	T 4
F 5	6 29 35	8°42'37	9♓51	22°19	23°14	25° 6	15°59	28°52	26° 6	10° 2	16°26	24°32	23°19	13°24	n.a.	F 5
S 6	6 33 32	9°43'23	24°12	24° 1	24°21	25°50	15°52	28°59	26° 6	10° 4	16°27	24°29	23°15	13°31	n.a.	S 6
S 7	6 37 28	10°44'07	8♈22	25°42	25°28	26°34	15°44	29° 6	26°R 6	10° 6	16°28	24°D28	23°12	13°38	n.a.	S 7
M 8	6 41 25	11°44'50	22°19	27°20	26°36	27°18	15°36	29°13	26° 6	10° 9	16°28	24°29	23° 9	13°44	n.a.	M 8
T 9	6 45 21	12°45'30	6♉ 2	28°55	27°44	28° 2	15°28	29°21	26° 6	10°11	16°29	24°30	23° 6	13°51	n.a.	T 9
W10	6 49 18	13°46'09	19°32	0♒27	28°51	28°46	15°20	29°28	26° 6	10°13	16°30	24°R31	23° 3	13°58	n.a.	W10
T 11	6 53 14	14°46'46	2♊51	1°55	29°59	29°30	15°12	29°35	26° 6	10°16	16°31	24°31	22°59	14° 5	n.a.	T 11
F 12	6 57 11	15°47'21	15°58	3°19	1♐ 8	0♐14	15° 4	29°42	26° 5	10°18	16°31	24°28	22°56	14°11	n.a.	F 12
S 13	7 1 8	16°47'54	28°54	4°37	2°16	0°58	14°56	29°49	26° 5	10°20	16°32	24°24	22°53	14°18	n.a.	S 13
S 14	7 5 4	17°48'26	11♋39	5°50	3°25	1°42	14°48	29°56	26° 5	10°22	16°33	24°16	22°50	14°25	n.a.	S 14
M15	7 9 1	18°48'56	24°13	6°56	4°33	2°26	14°40	0♑ 3	26° 4	10°25	16°34	24° 7	22°47	14°32	n.a.	M15
T 16	7 12 57	19°49'24	6♌36	7°55	5°42	3°10	14°32	0° 9	26° 4	10°27	16°35	23°56	22°44	14°38	n.a.	T 16
W17	7 16 54	20°49'50	18°48	8°45	6°51	3°54	14°24	0°16	26° 3	10°29	16°35	23°45	22°40	14°45	n.a.	W17
T 18	7 20 50	21°50'15	0♍51	9°28	8° 0	4°39	14°17	0°23	26° 3	10°31	16°36	23°35	22°37	14°52	n.a.	T 18
F 19	7 24 47	22°50'37	12°47	10° 1	9° 9	5°23	14° 9	0°30	26° 2	10°34	16°37	23°26	22°34	14°58	n.a.	F 19
S 20	7 28 44	23°50'59	24°38	10°25	10°18	6° 7	14° 1	0°37	26° 1	10°36	16°38	23°19	22°31	15° 5	n.a.	S 20
S 21	7 32 40	24°51'18	6♎29	10°39	11°27	6°51	13°53	0°44	26° 1	10°38	16°39	23°15	22°28	15°12	n.a.	S 21
M22	7 36 37	25°51'37	18°23	10°R43	12°37	7°36	13°46	0°50	26° 0	10°40	16°40	23°13	22°25	15°18	n.a.	M22
T 23	7 40 33	26°51'53	0♏27	10°38	13°46	8°20	13°38	0°57	25°59	10°43	16°41	23°D12	22°21	15°25	n.a.	T 23
W24	7 44 30	27°52'08	12°45	10°22	14°56	9° 4	13°31	1° 4	25°58	10°45	16°42	23°13	22°18	15°32	n.a.	W24
T 25	7 48 26	28°52'21	25°22	9°58	16° 5	9°49	13°23	1°11	25°57	10°47	16°43	23°R13	22°15	15°39	n.a.	T 25
F 26	7 52 23	29°52'33	8♐23	9°25	17°15	10°33	13°16	1°17	25°56	10°49	16°44	23°12	22°12	15°45	n.a.	F 26
S 27	7 56 19	0♒52'43	21°51	8°44	18°25	11°17	13° 8	1°24	25°55	10°51	16°45	23° 9	22° 9	15°52	n.a.	S 27
S 28	8 0 16	1°52'51	5♑47	7°56	19°35	12° 2	13° 1	1°30	25°54	10°53	16°46	23° 3	22° 5	15°59	n.a.	S 28
M29	8 4 12	2°52'57	20°10	7° 3	20°45	12°46	12°54	1°37	25°53	10°56	16°47	22°55	22° 2	16° 5	n.a.	M29
T 30	8 8 9	3°53'02	4♒53	6° 6	21°55	13°31	12°47	1°43	25°52	10°58	16°48	22°44	21°59	16°12	n.a.	T 30
W31	8 12 6	4♒53'04	19♒50	5♒ 6	23♐ 5	14♐15	12♋40	1♑50	25♍50	11♑ 0	16♓49	22♏33	21♏56	16♍19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23s41	19s28	3n47	24s34	1s43	14s48	2n58	18s29	0n 5	23n38	0n54	23s39	0n 7	2n15	0n44	23s18	0n 6	21s 7	17s 9	19s16	18s55	2n18			n.a.
T 2	23 39	16 45	4 32	24 16	1 37	15 8	2 56	18 41	0 4	23 39	0 54	23 39	0 7	2 14	0 44	23 18	0 6	21 7	17 8	19 14	18 54	2 16			n.a.
W 3	23 36	12 58	5 0	23 56	1 31	15 28	2 54	18 53	0 3	23 40	0 54	23 39	0 7	2 14	0 44	23 17	0 6	21 6	17 8	19 13	18 53	2 14			n.a.
T 4	23 33	8 24	5 9	23 34	1 25	15 47	2 51	19 5	0 3	23 41	0 54	23 39	0 7	2 14	0 44	23 17	0 6	21 6	17 7	19 11	18 52	2 12			n.a.
F 5	23 29	3 23	4 58	23 10	1 17	16 7	2 49	19 16	0 2	23 42	0 55	23 39	0 7	2 14	0 44	23 17	0 6	21 5	17 7	19 10	18 51	2 9			n.a.
S 6	23 24	1n46	4 29	22 44	1 9	16 26	2 46	19 28	0 1	23 43	0 55	23 39	0 6	2 14	0 44	23 17	0 6	21 4	17 7	19 9	18 51	2 7			n.a.
S 7	23 20	6 46	3 43	22 17	1 0	16 45	2 44	19 39	0 0	23 44	0 55	23 40	0 6	2 14	0 44	23 17	0 6	21 4	17 6	19 9	18 50	2 5			n.a.
M 8	23 15	11 21	2 45	21 48	0 50	17 3	2 41	19 50	0s 0	23 45	0 55	23 40	0 6	2 14	0 44	23 17	0 6	21 3	17 6	19 9	18 49	2 2			n.a.
T 9	23 9	15 15	1 38	21 18	0 39	17 21	2 38	20 1	0 1	23 46	0 55	23 40	0 6	2 15	0 44	23 17	0 6	21 3	17 6	19 9	18 48	2 0			n.a.
W10	23 3	18 17	0 27	20 47	0 28	17 39	2 35	20 12	0 2	23 47	0 55	23 40	0 6	2 15	0 44	23 16	0 6	21 2	17 5	19 10	18 47	1 58			n.a.
T 11	22 56	20 17	0s45	20 15	0 15	17 57	2 32	20 22	0 3	23 48	0 55	23 40	0 6	2 15	0 44	23 16	0 6	21 1	17 5	19 9	18 47	1 55			n.a.
F 12	22 49	21 9	1 53	19 43	0 2	18 14	2 29	20 32	0 4	23 49	0 56	23 40	0 6	2 15	0 44	23 16	0 6	21 1	17 5	19 9	18 46	1 53			n.a.
S 13	22 42	20 52	2 54	19 11	0n12	18 31	2 26	20 42	0 4	23 51	0 56	23 40	0 6	2 15	0 44	23 16	0 6	21 0	17 5	19 8	18 45	1 51			n.a.
S 14	22 34	19 31	3 45	18 39	0 26	18 47	2 23	20 52	0 5	23 52	0 56	23 40	0 6	2 15	0 44	23 16	0 6	21 0	17 4	19 6	18 44	1 49			n.a.
M15	22 26	17 14	4 25	18 8	0 41	19 3	2 20	21 2	0 6	23 53	0 56	23 40	0 6	2 15	0 44	23 16	0 6	20 59	17 4	19 4	18 43	1 46			n.a.
T 16	22 17	14 11	4 51	17 37	0 57	19 18	2 17	21 12	0 7	23 54	0 56	23 40	0 6	2 16	0 44	23 15	0 6	20 58	17 4	19 1	18 42	1 44			n.a.
W17	22 8	10 36	5 3	17 9	1 13	19 33	2 14	21 21	0 8	23 54	0 56	23 40	0 6	2 16	0 44	23 15	0 6	20 58	17 3	18 58	18 42	1 42			n.a.
T 18	21 58	6 37	5 2	16 42	1 29	19 48	2 10	21 30	0 9	23 55	0 56	23 41	0 6	2 16	0 44	23 15	0 6	20 57	17 3	18 56	18 41	1 39			n.a.
F 19	21 48	2 26	4 47	16 17	1 46	20 2	2 7	21 39	0 10	23 56	0 56	23 41	0 6	2 16	0 44	23 15	0 6	20 57	17 3	18 53	18 40	1 37			n.a.
S 20	21 38	1s49	4 21	15 55	2 2	20 16	2 3	21 48	0 10	23 57	0 56	23 41	0 5	2 17	0 44	23 15	0 6	20 56	17 2	18 52	18 39	1 35			n.a.
S 21	21 27	6 0	3 43	15 36	2 18	20 29	2 0	21 56	0 11	23 58	0 56	23 41	0 5	2 17	0 44	23 15	0 6	20 55	17 2	18 50	18 38	1 32			n.a.
M22	21 16	9 59	2 55	15 20	2 33	20 42	1 56	22 5	0 12	23 59	0 57	23 41	0 5	2 17	0 44	23 14	0 6	20 55	17 2	18 50	18 38	1 30			n.a.
T 23	21 4	13 38	1 58	15 7	2 48	20 54	1 53	22 13	0 13	24 0	0 57	23 41	0 5	2 18	0 45	23 14	0 6	20 54	17 2	18 50	18 37	1 28			n.a.
W24	20 52	16 46	0 56	14 58	3 2	21 6	1 49	22 21	0 14	24 1	0 57	23 41	0 5	2 18	0 45	23 14	0 6	20 53	17 1	18 50	18 36	1 26			n.a.
T 25	20 40	19 11	0n11	14 53	3 14	21 17	1 46	22 28	0 15	24 2	0 57	23 41	0 5	2 19	0 45	23 14	0 6	20 53	17 1	18 50	18 35	1 23			n.a.
F 26	20 27	20 42	1 20	14 51	3 25	21 27	1 42	22 36	0 16	24 2	0 57	23 41	0 5	2 19	0 45	23 14	0 6	20 52	17 1	18 50	18 34	1 21			n.a.
S 27	20 14	21 5	2 26	14 53	3 34	21 37	1 38	22 43	0 16	24 3	0 57	23 41	0 5	2 19	0 45	23 14	0 6	20 51	17 0	18 49	18 33	1 19			n.a.
S 28	20 1	20 13	3 26	14 58	3 42	21 47	1 35	22 50	0 17	24 4	0 57	23 41	0 5	2 20	0 45	23 13	0 6	20 51	17 0	18 47	18 33	1 16			n.a.
M29	19 47	18 2	4 14	15 6	3 48	21 56	1 31	22 57	0 18	24 5	0 57	23 41	0 5	2 20	0 45	23 13	0 6	20 50	17 0	18 45	18 32	1 14			n.a.
T 30	19 33	14 40	4 47	15 16	3 51	22 4	1 27	23 3	0 19	24 6	0 57	23 41	0 5	2 21	0 45	23 13	0 6	20 49	17 0	18 43	18 31	1 12			n.a.
W31	19s18	10s18	5n 1	15s30	3n52	22s12	1n24	23s 9	0s20	24n 6	0n57	23s41	0n 5	2n21	0n45	23s13	0n 6	20s49	16s59	18s40	18s30	1n10			n.a.

Julian Day Number = 1490950.5, Delta T = 05h14m45s
Ecliptic obliquity = 23°46'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'17, Lahiri = -12°40'17 Julian Calendar 1 Jan. 631 BCE == Greg. Calendar 25 Dec. 632 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

FEBRUARY 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 16 2	5♒53'04	4♓51	4°R 5	24♐16	15♐ 0	12°R33	1♑56	25°R49	11♑ 2	16♓50	22°R23	21♏53	16♍26	n.a.	T 1
F 2	8 19 59	6°53'02	19°46	3♒ 5	25°26	15°44	12♋27	2° 3	25♍48	11° 4	16°51	22♏14	21°50	16°32	n.a.	F 2
S 3	8 23 55	7°52'57	4♈27	2° 5	26°36	16°29	12°20	2° 9	25°46	11° 6	16°53	22° 8	21°46	16°39	n.a.	S 3
S 4	8 27 52	8°52'50	18°50	1° 9	27°47	17°13	12°14	2°15	25°45	11° 8	16°54	22° 4	21°43	16°46	n.a.	S 4
M 5	8 31 48	9°52'41	2♉51	0°16	28°57	17°58	12° 7	2°21	25°43	11°10	16°55	22° 3	21°40	16°52	n.a.	M 5
T 6	8 35 45	10°52'30	16°31	29♑27	0♑ 8	18°43	12° 1	2°28	25°42	11°12	16°56	22° 3	21°37	16°59	n.a.	T 6
W 7	8 39 41	11°52'16	29°52	28°44	1°18	19°27	11°55	2°34	25°40	11°14	16°57	22° 3	21°34	17° 6	n.a.	W 7
T 8	8 43 38	12°52'00	12♊55	28° 7	2°29	20°12	11°49	2°40	25°39	11°16	16°58	22° 2	21°30	17°13	n.a.	T 8
F 9	8 47 35	13°51'41	25°45	27°36	3°40	20°56	11°43	2°46	25°37	11°18	17° 0	21°58	21°27	17°19	n.a.	F 9
S 10	8 51 31	14°51'20	8♋22	27°11	4°51	21°41	11°38	2°52	25°35	11°20	17° 1	21°51	21°24	17°26	n.a.	S 10
S 11	8 55 28	15°50'57	20°49	26°53	6° 1	22°26	11°32	2°58	25°34	11°22	17° 2	21°42	21°21	17°33	n.a.	S 11
M12	8 59 24	16°50'31	3♌ 8	26°41	7°12	23°10	11°27	3° 4	25°32	11°24	17° 3	21°29	21°18	17°39	n.a.	M12
T 13	9 3 21	17°50'04	15°18	26°D35	8°23	23°55	11°22	3° 9	25°30	11°26	17° 4	21°16	21°15	17°46	n.a.	T 13
W14	9 7 17	18°49'34	27°22	26°35	9°34	24°40	11°17	3°15	25°28	11°28	17° 6	21° 1	21°11	17°53	n.a.	W14
T 15	9 11 14	19°49'01	9♍19	26°41	10°45	25°25	11°12	3°21	25°26	11°30	17° 7	20°47	21° 8	18° 0	n.a.	T 15
F 16	9 15 10	20°48'27	21°12	26°53	11°56	26° 9	11° 7	3°26	25°25	11°32	17° 8	20°35	21° 5	18° 6	n.a.	F 16
S 17	9 19 7	21°47'51	3♎ 3	27°10	13° 7	26°54	11° 2	3°32	25°23	11°34	17°10	20°25	21° 2	18°13	n.a.	S 17
S 18	9 23 3	22°47'13	14°53	27°31	14°19	27°39	10°58	3°38	25°21	11°36	17°11	20°19	20°59	18°20	n.a.	S 18
M19	9 27 0	23°46'32	26°47	27°58	15°30	28°24	10°54	3°43	25°19	11°37	17°12	20°15	20°56	18°26	n.a.	M19
T 20	9 30 57	24°45'50	8♏49	28°30	16°41	29° 8	10°50	3°49	25°17	11°39	17°13	20°13	20°52	18°33	n.a.	T 20
W21	9 34 53	25°45'06	21° 4	29° 5	17°52	29°53	10°46	3°54	25°14	11°41	17°15	20°13	20°49	18°40	n.a.	W21
T 22	9 38 50	26°44'20	3♐37	29°45	19° 4	0♑38	10°42	3°59	25°12	11°43	17°16	20°13	20°46	18°47	n.a.	T 22
F 23	9 42 46	27°43'33	16°34	0♒28	20°15	1°23	10°38	4° 4	25°10	11°44	17°17	20°12	20°43	18°53	n.a.	F 23
S 24	9 46 43	28°42'43	29°58	1°15	21°27	2° 8	10°35	4°10	25° 8	11°46	17°19	20° 9	20°40	19° 0	n.a.	S 24
S 25	9 50 39	29°41'52	13♑51	2° 5	22°38	2°53	10°32	4°15	25° 6	11°48	17°20	20° 3	20°36	19° 7	n.a.	S 25
M26	9 54 36	0♓40'58	28°14	2°59	23°50	3°37	10°29	4°20	25° 4	11°50	17°22	19°55	20°33	19°13	n.a.	M26
T 27	9 58 32	1°40'03	13♒ 3	3°55	25° 1	4°22	10°26	4°25	25° 1	11°51	17°23	19°45	20°30	19°20	n.a.	T 27
W28	10 2 29	2♓39'05	28♒11	4♒55	26♑13	5♑ 7	10♋23	4♑30	24♍59	11♑53	17♓24	19♏34	20♏27	19♍27	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19s 4	5s18	4n55	15s45	3n52	22s19	1n20	23s16	0s21	24n 7	0n57	23s41	0n 5	2n22	0n45	23s13	0n 6	20s48	16s59	18s37	18s29	1n 7		n.a.	T 1
F 2	18 48	0 1	4 28	16 2	3 49	22 25	1 16	23 21	0 22	24 8	0 57	23 41	0 5	2 23	0 45	23 13	0 6	20 47	16 59	18 35	18 28	1 5		n.a.	F 2
S 3	18 33	5n12	3 44	16 20	3 44	22 31	1 12	23 27	0 23	24 8	0 57	23 41	0 4	2 23	0 45	23 12	0 6	20 47	16 59	18 33	18 28	1 3		n.a.	S 3
S 4	18 17	10 2	2 46	16 39	3 37	22 36	1 9	23 32	0 24	24 9	0 57	23 41	0 4	2 24	0 45	23 12	0 6	20 46	16 58	18 32	18 27	1 0		n.a.	S 4
M 5	18 1	14 11	1 40	16 58	3 29	22 41	1 5	23 38	0 25	24 10	0 57	23 41	0 4	2 24	0 45	23 12	0 6	20 45	16 58	18 32	18 26	0 58		n.a.	M 5
T 6	17 45	17 28	0 29	17 18	3 19	22 45	1 1	23 42	0 26	24 10	0 57	23 41	0 4	2 25	0 45	23 12	0 6	20 45	16 58	18 32	18 25	0 56		n.a.	T 6
W 7	17 28	19 44	0s41	17 37	3 9	22 48	0 57	23 47	0 26	24 11	0 57	23 41	0 4	2 26	0 45	23 12	0 6	20 44	16 58	18 32	18 24	0 54		n.a.	W 7
T 8	17 11	20 53	1 48	17 56	2 57	22 51	0 54	23 51	0 27	24 11	0 57	23 40	0 4	2 26	0 45	23 12	0 6	20 43	16 58	18 32	18 23	0 51		n.a.	T 8
F 9	16 54	20 54	2 48	18 15	2 44	22 53	0 50	23 56	0 28	24 12	0 57	23 40	0 4	2 27	0 45	23 11	0 6	20 43	16 57	18 31	18 23	0 49		n.a.	F 9
S 10	16 36	19 52	3 39	18 33	2 31	22 55	0 46	24 0	0 29	24 12	0 57	23 40	0 4	2 28	0 45	23 11	0 5	20 42	16 57	18 29	18 22	0 47		n.a.	S 10
S 11	16 18	17 53	4 18	18 50	2 17	22 56	0 42	24 3	0 30	24 13	0 57	23 40	0 4	2 28	0 45	23 11	0 5	20 41	16 57	18 26	18 21	0 44		n.a.	S 11
M12	16 0	15 7	4 45	19 6	2 3	22 56	0 39	24 7	0 31	24 13	0 57	23 40	0 4	2 29	0 45	23 11	0 5	20 41	16 57	18 23	18 20	0 42		n.a.	M12
T 13	15 42	11 44	4 58	19 21	1 49	22 55	0 35	24 10	0 32	24 14	0 57	23 40	0 4	2 30	0 45	23 11	0 5	20 40	16 57	18 19	18 19	0 40		n.a.	T 13
W14	15 23	7 54	4 58	19 34	1 35	22 54	0 31	24 13	0 33	24 14	0 57	23 40	0 4	2 31	0 45	23 11	0 5	20 39	16 56	18 16	18 18	0 38		n.a.	W14
T 15	15 4	3 48	4 44	19 47	1 21	22 52	0 28	24 15	0 34	24 15	0 57	23 40	0 4	2 31	0 45	23 10	0 5	20 39	16 56	18 12	18 17	0 35		n.a.	T 15
F 16	14 45	0s25	4 19	19 58	1 7	22 50	0 24	24 18	0 35	24 15	0 57	23 40	0 3	2 32	0 45	23 10	0 5	20 38	16 56	18 9	18 17	0 33		n.a.	F 16
S 17	14 26	4 36	3 42	20 8	0 54	22 46	0 20	24 20	0 36	24 15	0 57	23 40	0 3	2 33	0 45	23 10	0 5	20 37	16 56	18 6	18 16	0 31		n.a.	S 17
S 18	14 7	8 38	2 55	20 17	0 41	22 43	0 17	24 22	0 37	24 16	0 57	23 40	0 3	2 34	0 45	23 10	0 5	20 37	16 56	18 4	18 15	0 29		n.a.	S 18
M19	13 47	12 20	2 1	20 24	0 28	22 38	0 13	24 24	0 38	24 16	0 57	23 40	0 3	2 35	0 45	23 10	0 5	20 36	16 56	18 3	18 14	0 26		n.a.	M19
T 20	13 27	15 35	1 0	20 30	0 15	22 33	0 10	24 25	0 39	24 16	0 57	23 40	0 3	2 36	0 45	23 10	0 5	20 35	16 56	18 3	18 13	0 24		n.a.	T 20
W21	13 7	18 12	0n 5	20 35	0 3	22 27	0 6	24 26	0 40	24 17	0 57	23 40	0 3	2 36	0 45	23 10	0 5	20 35	16 55	18 3	18 12	0 22		n.a.	W21
T 22	12 46	20 1	1 10	20 38	0s 9	22 21	0 3	24 27	0 41	24 17	0 57	23 39	0 3	2 37	0 45	23 9	0 5	20 34	16 55	18 3	18 12	0 20		n.a.	T 22
F 23	12 26	20 51	2 15	20 40	0 20	22 14	0s 1	24 28	0 42	24 17	0 57	23 39	0 3	2 38	0 45	23 9	0 5	20 33	16 55	18 2	18 11	0 17		n.a.	F 23
S 24	12 5	20 32	3 14	20 40	0 31	22 6	0 4	24 28	0 43	24 18	0 57	23 39	0 3	2 39	0 45	23 9	0 5	20 33	16 55	18 1	18 10	0 15		n.a.	S 24
S 25	11 44	19 0	4 4	20 39	0 42	21 58	0 7	24 28	0 44	24 18	0 57	23 39	0 3	2 40	0 45	23 9	0 5	20 32	16 55	18 0	18 9	0 13		n.a.	S 25
M26	11 23	16 14	4 40	20 36	0 52	21 49	0 11	24 28	0 45	24 18	0 57	23 39	0 3	2 41	0 45	23 9	0 5	20 32	16 55	17 58	18 8	0 11		n.a.	M26
T 27	11 2	12 21	4 59	20 32	1 1	21 39	0 14	24 28	0 46	24 18	0 57	23 39	0 3	2 42	0 45	23 9	0 5	20 31	16 55	17 55	18 7	0 8		n.a.	T 27
W28	10s40	7s37	4n58	20s26	1s10	21s29	0s17	24s27	0s47	24n18	0n57	23s39	0n 3	2n43	0n45	23s 9	0n 5	20s30	16s55	17s52	18s 6	0n 6		n.a.	W28

Julian Day Number = 1490981.5, Delta T = 05h14m44s
Ecliptic obliquity = 23°46'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'13, Lahiri = -12°40'13 Julian Calendar 1 Feb. 631 BCE == Greg. Calendar 25 Jan. 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

MARCH 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 6 26	3♓38'05	13♓27	5♒57	27♑24	5♑52	10°R21	4♑34	24°R57	11♑54	17♓26	19°R23	20♏24	19♍33	n.a.	T 1
F 2	10 10 22	4°37'03	28°40	7° 1	28°36	6°37	10♋19	4°39	24♍54	11°56	17°27	19♏14	20°21	19°40	n.a.	F 2
S 3	10 14 19	5°35'59	13♈40	8° 8	29°48	7°22	10°16	4°44	24°52	11°57	17°28	19° 8	20°17	19°47	n.a.	S 3
S 4	10 18 15	6°34'53	28°20	9°18	0♒59	8° 7	10°15	4°48	24°50	11°59	17°30	19° 4	20°14	19°54	n.a.	S 4
M 5	10 22 12	7°33'44	12♉34	10°29	2°11	8°52	10°13	4°53	24°47	12° 0	17°31	19° 3	20°11	20° 0	n.a.	M 5
T 6	10 26 8	8°32'32	26°22	11°43	3°23	9°36	10°11	4°57	24°45	12° 2	17°33	19°D 3	20° 8	20° 7	n.a.	T 6
W 7	10 30 5	9°31'19	9♊44	12°59	4°34	10°21	10°10	5° 2	24°42	12° 3	17°34	19°R 3	20° 5	20°14	n.a.	W 7
T 8	10 34 1	10°30'03	22°45	14°17	5°46	11° 6	10° 9	5° 6	24°40	12° 5	17°35	19° 2	20° 2	20°20	n.a.	T 8
F 9	10 37 58	11°28'44	5♋28	15°37	6°58	11°51	10° 8	5°10	24°38	12° 6	17°37	19° 0	19°58	20°27	n.a.	F 9
S 10	10 41 54	12°27'24	17°55	16°59	8°10	12°36	10° 7	5°14	24°35	12° 7	17°38	18°55	19°55	20°34	n.a.	S 10
S 11	10 45 51	13°26'01	0♌11	18°23	9°22	13°21	10° 6	5°19	24°33	12° 9	17°40	18°47	19°52	20°41	n.a.	S 11
M12	10 49 48	14°24'35	12°18	19°49	10°33	14° 6	10° 6	5°23	24°30	12°10	17°41	18°37	19°49	20°47	n.a.	M12
T 13	10 53 44	15°23'08	24°19	21°16	11°45	14°50	10° 6	5°26	24°28	12°11	17°42	18°26	19°46	20°54	n.a.	T 13
W14	10 57 41	16°21'38	6♍15	22°45	12°57	15°35	10°D 6	5°30	24°25	12°13	17°44	18°14	19°42	21° 1	n.a.	W14
T 15	11 1 37	17°20'06	18° 8	24°16	14° 9	16°20	10° 6	5°34	24°23	12°14	17°45	18° 2	19°39	21° 7	n.a.	T 15
F 16	11 5 34	18°18'32	29°59	25°49	15°21	17° 5	10° 6	5°38	24°20	12°15	17°47	17°52	19°36	21°14	n.a.	F 16
S 17	11 9 30	19°16'56	11♎50	27°23	16°33	17°50	10° 7	5°41	24°18	12°16	17°48	17°44	19°33	21°21	n.a.	S 17
S 18	11 13 27	20°15'19	23°43	28°59	17°45	18°35	10° 8	5°45	24°15	12°17	17°49	17°39	19°30	21°27	n.a.	S 18
M19	11 17 23	21°13'39	5♏41	0♓37	18°57	19°19	10° 8	5°48	24°12	12°18	17°51	17°36	19°27	21°34	n.a.	M19
T 20	11 21 20	22°11'58	17°46	2°17	20° 9	20° 4	10°10	5°52	24°10	12°19	17°52	17°D35	19°23	21°41	n.a.	T 20
W21	11 25 17	23°10'15	0♐ 3	3°58	21°21	20°49	10°11	5°55	24° 7	12°21	17°54	17°36	19°20	21°48	n.a.	W21
T 22	11 29 13	24° 8'31	12°37	5°41	22°33	21°34	10°12	5°58	24° 5	12°22	17°55	17°37	19°17	21°54	n.a.	T 22
F 23	11 33 10	25° 6'45	25°31	7°26	23°45	22°19	10°14	6° 1	24° 2	12°23	17°57	17°R37	19°14	22° 1	n.a.	F 23
S 24	11 37 6	26° 4'57	8♑49	9°12	24°58	23° 3	10°16	6° 4	24° 0	12°23	17°58	17°37	19°11	22° 8	n.a.	S 24
S 25	11 41 3	27° 3'08	22°35	11° 0	26°10	23°48	10°18	6° 7	23°57	12°24	17°59	17°34	19° 7	22°14	n.a.	S 25
M26	11 44 59	28° 1'17	6♒49	12°50	27°22	24°33	10°20	6°10	23°55	12°25	18° 1	17°29	19° 4	22°21	n.a.	M26
T 27	11 48 56	28°59'24	21°29	14°41	28°34	25°18	10°22	6°13	23°52	12°26	18° 2	17°23	19° 1	22°28	n.a.	T 27
W28	11 52 52	29°57'30	6♓30	16°35	29°46	26° 2	10°25	6°15	23°49	12°27	18° 3	17°16	18°58	22°34	n.a.	W28
T 29	11 56 49	0♈55'34	21°44	18°30	0♓59	26°47	10°27	6°18	23°47	12°28	18° 5	17° 9	18°55	22°41	n.a.	T 29
F 30	12 0 45	1°53'37	7♈ 0	20°27	2°11	27°32	10°30	6°20	23°44	12°29	18° 6	17° 3	18°52	22°48	n.a.	F 30
S 31	12 4 42	2♈51'37	22♈ 7	22♓25	3♓23	28♑16	10♋33	6♑22	23♍42	12♑29	18♓ 8	16♏59	18♏48	22♍55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	10s19	2s22	4n35	20s19	1s18	21s18	0s20	24s26	0s48	24n19	0n57	23s39	0n 3	2n44	0n45	23s 8	0n 5	20s30	16s54	17s49	18s 6	0n 4			n.a.
F 2	9 57	3n 1	3 53	20 10	1 26	21 6	0 23	24 25	0 49	24 19	0 57	23 39	0 2	2 45	0 45	23 8	0 5	20 29	16 54	17 47	18 5	0 1			n.a.
S 3	9 35	8 10	2 56	20 0	1 34	20 54	0 26	24 24	0 50	24 19	0 57	23 39	0 2	2 46	0 45	23 8	0 5	20 28	16 54	17 45	18 4	0s 1			n.a.
S 4	9 13	12 42	1 48	19 48	1 41	20 42	0 30	24 22	0 51	24 19	0 57	23 39	0 2	2 47	0 45	23 8	0 5	20 28	16 54	17 44	18 3	0 3			n.a.
M 5	8 51	16 22	0 34	19 34	1 47	20 28	0 32	24 20	0 52	24 19	0 57	23 38	0 2	2 47	0 45	23 8	0 5	20 27	16 54	17 43	18 2	0 5			n.a.
T 6	8 29	18 59	0s39	19 19	1 53	20 15	0 35	24 18	0 53	24 19	0 57	23 38	0 2	2 48	0 45	23 8	0 5	20 26	16 54	17 43	18 1	0 8			n.a.
W 7	8 6	20 27	1 48	19 3	1 59	20 0	0 38	24 15	0 54	24 19	0 57	23 38	0 2	2 49	0 45	23 8	0 5	20 26	16 54	17 43	18 0	0 10			n.a.
T 8	7 44	20 45	2 49	18 45	2 4	19 45	0 41	24 13	0 55	24 19	0 57	23 38	0 2	2 50	0 45	23 8	0 5	20 25	16 54	17 43	17 59	0 12			n.a.
F 9	7 21	19 59	3 40	18 25	2 8	19 30	0 44	24 10	0 56	24 19	0 57	23 38	0 2	2 51	0 45	23 7	0 5	20 25	16 54	17 42	17 59	0 14			n.a.
S 10	6 59	18 15	4 20	18 4	2 12	19 13	0 46	24 7	0 57	24 19	0 57	23 38	0 2	2 52	0 45	23 7	0 5	20 24	16 54	17 41	17 58	0 17			n.a.
S 11	6 36	15 43	4 47	17 41	2 16	18 57	0 49	24 3	0 58	24 19	0 57	23 38	0 2	2 53	0 45	23 7	0 5	20 23	16 54	17 39	17 57	0 19			n.a.
M12	6 13	12 32	5 1	17 16	2 19	18 40	0 52	24 0	0 59	24 19	0 57	23 38	0 2	2 54	0 45	23 7	0 5	20 23	16 54	17 36	17 56	0 21			n.a.
T 13	5 50	8 52	5 1	16 50	2 21	18 22	0 54	23 56	1 0	24 19	0 56	23 38	0 2	2 55	0 45	23 7	0 5	20 22	16 54	17 33	17 55	0 23			n.a.
W14	5 27	4 53	4 48	16 22	2 23	18 4	0 57	23 51	1 1	24 19	0 56	23 38	0 2	2 56	0 45	23 7	0 5	20 22	16 54	17 30	17 54	0 25			n.a.
T 15	5 4	0 44	4 23	15 53	2 25	17 45	0 59	23 47	1 2	24 19	0 56	23 38	0 1	2 57	0 45	23 7	0 5	20 21	16 54	17 26	17 53	0 28			n.a.
F 16	4 41	3s26	3 46	15 22	2 26	17 26	1 1	23 42	1 3	24 19	0 56	23 38	0 1	2 58	0 45	23 7	0 5	20 20	16 54	17 24	17 53	0 30			n.a.
S 17	4 18	7 29	2 59	14 50	2 26	17 6	1 4	23 38	1 4	24 19	0 56	23 37	0 1	3 0	0 45	23 7	0 5	20 20	16 54	17 21	17 52	0 32			n.a.
S 18	3 55	11 15	2 4	14 15	2 26	16 46	1 6	23 32	1 5	24 19	0 56	23 37	0 1	3 1	0 45	23 6	0 5	20 19	16 54	17 20	17 51	0 34			n.a.
M19	3 31	14 36	1 3	13 40	2 25	16 25	1 8	23 27	1 6	24 19	0 56	23 37	0 1	3 2	0 45	23 6	0 5	20 19	16 54	17 19	17 50	0 37			n.a.
T 20	3 8	17 21	0n 1	13 2	2 24	16 4	1 10	23 21	1 7	24 18	0 56	23 37	0 1	3 3	0 45	23 6	0 5	20 18	16 54	17 19	17 49	0 39			n.a.
W21	2 45	19 22	1 7	12 23	2 22	15 43	1 12	23 16	1 8	24 18	0 56	23 37	0 1	3 4	0 45	23 6	0 5	20 18	16 54	17 19	17 48	0 41			n.a.
T 22	2 21	20 28	2 10	11 43	2 20	15 21	1 14	23 9	1 9	24 18	0 56	23 37	0 1	3 5	0 45	23 6	0 5	20 17	16 54	17 19	17 47	0 43			n.a.
F 23	1 58	20 32	3 9	11 1	2 17	14 58	1 16	23 3	1 10	24 18	0 56	23 37	0 1	3 6	0 45	23 6	0 5	20 17	16 54	17 19	17 46	0 46			n.a.
S 24	1 35	19 29	4 0	10 17	2 13	14 36	1 17	22 57	1 11	24 18	0 56	23 37	0 1	3 7	0 45	23 6	0 5	20 16	16 54	17 19	17 46	0 48			n.a.
S 25	1 11	17 16	4 39	9 32	2 9	14 12	1 19	22 50	1 13	24 17	0 56	23 37	0 1	3 8	0 45	23 6	0 5	20 16	16 54	17 18	17 45	0 50			n.a.
M26	0 48	13 57	5 2	8 45	2 5	13 49	1 21	22 43	1 14	24 17	0 56	23 37	0 1	3 9	0 45	23 6	0 5	20 15	16 54	17 17	17 44	0 52			n.a.
T 27	0 24	9 42	5 7	7 57	2 0	13 25	1 22	22 36	1 15	24 17	0 56	23 37	0 0	3 10	0 45	23 6	0 5	20 15	16 54	17 15	17 43	0 54			n.a.
W28	0 1	4 45	4 51	7 7	1 54	13 1	1 24	22 28	1 16	24 17	0 56	23 37	0 0	3 11	0 45	23 6	0 5	20 14	16 54	17 13	17 42	0 57			n.a.
T 29	0n22	0n33	4 14	6 16	1 48	12 36	1 25	22 21	1 17	24 16	0 55	23 37	0 0	3 12	0 45	23 6	0 5	20 14	16 54	17 11	17 41	0 59			n.a.
F 30	0 46	5 51	3 19	5 23	1 42	12 11	1 26	22 13	1 18	24 16	0 55	23 37	0 0	3 13	0 45	23 6	0 5	20 13	16 54	17 10	17 40	1 1			n.a.
S 31	1n 9	10n44	2n10	4s30	1s35	11s46	1s28	22s 5	1s19	24n16	0n55	23s37	0n 0	3n14	0n45	23s 5	0n 5	20s13	16s54	17s 8	17s39	1s 3			n.a.

Julian Day Number = 1491009.5, Delta T = 05h14m42s
Ecliptic obliquity = 23°46'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'09, Lahiri = -12°40'09 Julian Calendar 1 March 631 BCE == Greg. Calendar 22 Feb. 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

APRIL 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 8 39	3♈49'36	6♉56	24♓25	4♓35	29♑ 1	10♋37	6♑25	23°R39	12♑30	18♓ 9	16°R57	18♏45	23♍ 1	n.a.	S 1
M 2	12 12 35	4°47'33	21°22	26°27	5°48	29°45	10°40	6°27	23♍37	12°31	18°10	16°D57	18°42	23° 8	n.a.	M 2
T 3	12 16 32	5°45'28	5♊20	28°30	7° 0	0♒30	10°44	6°29	23°34	12°31	18°12	16♏58	18°39	23°15	n.a.	T 3
W 4	12 20 28	6°43'22	18°51	0♈35	8°12	1°14	10°47	6°31	23°32	12°32	18°13	16°59	18°36	23°21	n.a.	W 4
T 5	12 24 25	7°41'13	1♋57	2°41	9°25	1°59	10°51	6°33	23°29	12°32	18°14	17°R 0	18°33	23°28	n.a.	T 5
F 6	12 28 21	8°39'02	14°41	4°48	10°37	2°43	10°55	6°35	23°27	12°33	18°16	17° 0	18°29	23°35	n.a.	F 6
S 7	12 32 18	9°36'50	27° 7	6°57	11°49	3°28	11° 0	6°36	23°25	12°33	18°17	16°58	18°26	23°41	n.a.	S 7
S 8	12 36 14	10°34'36	9♌19	9° 6	13° 2	4°12	11° 4	6°38	23°22	12°34	18°18	16°55	18°23	23°48	n.a.	S 8
M 9	12 40 11	11°32'20	21°21	11°16	14°14	4°56	11° 8	6°39	23°20	12°34	18°20	16°51	18°20	23°55	n.a.	M 9
T 10	12 44 8	12°30'02	3♍16	13°26	15°26	5°41	11°13	6°41	23°17	12°35	18°21	16°45	18°17	24° 2	n.a.	T 10
W11	12 48 4	13°27'42	15° 8	15°37	16°39	6°25	11°18	6°42	23°15	12°35	18°22	16°39	18°13	24° 8	n.a.	W11
T 12	12 52 1	14°25'21	26°59	17°48	17°51	7° 9	11°23	6°43	23°13	12°36	18°24	16°33	18°10	24°15	n.a.	T 12
F 13	12 55 57	15°22'58	8♎51	19°58	19° 4	7°54	11°28	6°45	23°10	12°36	18°25	16°28	18° 7	24°22	n.a.	F 13
S 14	12 59 54	16°20'34	20°46	22° 8	20°16	8°38	11°34	6°46	23° 8	12°36	18°26	16°25	18° 4	24°28	n.a.	S 14
S 15	13 3 50	17°18'09	2♏45	24°17	21°29	9°22	11°39	6°46	23° 6	12°36	18°27	16°22	18° 1	24°35	n.a.	S 15
M16	13 7 47	18°15'42	14°52	26°25	22°41	10° 6	11°45	6°47	23° 4	12°37	18°29	16°D21	17°58	24°42	n.a.	M16
T 17	13 11 43	19°13'14	27° 7	28°31	23°54	10°50	11°50	6°48	23° 1	12°37	18°30	16°22	17°54	24°48	n.a.	T 17
W18	13 15 40	20°10'45	9♐34	0♉36	25° 6	11°34	11°56	6°49	22°59	12°37	18°31	16°23	17°51	24°55	n.a.	W18
T 19	13 19 37	21° 8'15	22°16	2°39	26°19	12°18	12° 2	6°49	22°57	12°37	18°32	16°25	17°48	25° 2	n.a.	T 19
F 20	13 23 33	22° 5'44	5♑14	4°40	27°31	13° 2	12° 9	6°50	22°55	12°37	18°34	16°26	17°45	25° 8	n.a.	F 20
S 21	13 27 30	23° 3'12	18°33	6°38	28°44	13°46	12°15	6°50	22°53	12°37	18°35	16°R27	17°42	25°15	n.a.	S 21
S 22	13 31 26	24° 0'40	2♒13	8°35	29°56	14°30	12°22	6°50	22°51	12°R37	18°36	16°27	17°38	25°22	n.a.	S 22
M23	13 35 23	24°58'06	16°17	10°28	1♈ 9	15°14	12°28	6°50	22°49	12°37	18°37	16°26	17°35	25°29	n.a.	M23
T 24	13 39 19	25°55'31	0♓43	12°20	2°22	15°58	12°35	6°R50	22°47	12°37	18°38	16°24	17°32	25°35	n.a.	T 24
W25	13 43 16	26°52'56	15°27	14° 8	3°34	16°41	12°42	6°50	22°45	12°37	18°40	16°21	17°29	25°42	n.a.	W25
T 26	13 47 12	27°50'19	0♈24	15°54	4°47	17°25	12°49	6°50	22°43	12°37	18°41	16°19	17°26	25°49	n.a.	T 26
F 27	13 51 9	28°47'42	15°25	17°37	6° 0	18° 9	12°56	6°50	22°41	12°37	18°42	16°17	17°23	25°55	n.a.	F 27
S 28	13 55 5	29°45'04	0♉23	19°17	7°12	18°52	13° 3	6°50	22°39	12°37	18°43	16°16	17°19	26° 2	n.a.	S 28
S 29	13 59 2	0♉42'25	15° 9	20°55	8°25	19°36	13°11	6°49	22°37	12°36	18°44	16°D15	17°16	26° 9	n.a.	S 29
M30	14 2 59	1♉39'45	29♉36	22♉29	9♈38	20♒19	13♋18	6♑49	22♍35	12♑36	18♓45	16♏16	17♏13	26♍15	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n32	14n52	0n54	3s34	1s27	11s20	1s29	21s56	1s20	24n15	0n55	23s37	0n 0	3n15	0n45	23s 5	0n 5	20s12	16s54	17s 8	17s38	1s 6		n.a.
M 2	1 56	17 58	0s24	2 38	1 19	10 54	1 30	21 48	1 21	24 15	0 55	23 37	0s 0	3 16	0 45	23 5	0 5	20 12	16 54	17 8	17 38	1 8		n.a.
T 3	2 19	19 53	1 38	1 41	1 10	10 28	1 31	21 39	1 22	24 15	0 55	23 37	0 0	3 17	0 45	23 5	0 5	20 11	16 55	17 8	17 37	1 10		n.a.
W 4	2 42	20 34	2 45	0 42	1 1	10 1	1 32	21 30	1 23	24 14	0 55	23 37	0 0	3 18	0 45	23 5	0 5	20 11	16 55	17 8	17 36	1 12		n.a.
T 5	3 5	20 5	3 40	0n17	0 52	9 35	1 33	21 21	1 24	24 14	0 55	23 37	0 0	3 19	0 45	23 5	0 5	20 10	16 55	17 9	17 35	1 14		n.a.
F 6	3 29	18 35	4 23	1 17	0 42	9 8	1 34	21 12	1 25	24 14	0 55	23 37	0 0	3 20	0 45	23 5	0 5	20 10	16 55	17 9	17 34	1 17		n.a.
S 7	3 52	16 14	4 53	2 18	0 32	8 40	1 34	21 2	1 26	24 13	0 55	23 37	0 0	3 21	0 45	23 5	0 5	20 9	16 55	17 8	17 33	1 19		n.a.
S 8	4 15	13 13	5 8	3 19	0 22	8 13	1 35	20 53	1 27	24 13	0 55	23 37	0 1	3 22	0 45	23 5	0 5	20 9	16 55	17 7	17 32	1 21		n.a.
M 9	4 37	9 41	5 10	4 20	0 12	7 45	1 35	20 43	1 28	24 12	0 55	23 37	0 1	3 23	0 45	23 5	0 5	20 9	16 55	17 6	17 31	1 23		n.a.
T 10	5 0	5 49	4 58	5 21	0 1	7 17	1 36	20 33	1 29	24 12	0 55	23 37	0 1	3 23	0 45	23 5	0 5	20 8	16 55	17 4	17 30	1 25		n.a.
W11	5 23	1 44	4 34	6 22	0n 9	6 49	1 36	20 23	1 30	24 11	0 55	23 37	0 1	3 24	0 45	23 5	0 5	20 8	16 55	17 3	17 30	1 28		n.a.
T 12	5 46	2s24	3 58	7 23	0 20	6 21	1 37	20 12	1 31	24 11	0 55	23 37	0 1	3 25	0 45	23 5	0 5	20 7	16 56	17 1	17 29	1 30		n.a.
F 13	6 8	6 28	3 11	8 23	0 30	5 52	1 37	20 2	1 32	24 10	0 54	23 37	0 1	3 26	0 45	23 5	0 5	20 7	16 56	16 59	17 28	1 32		n.a.
S 14	6 31	10 18	2 16	9 22	0 41	5 24	1 37	19 51	1 33	24 10	0 54	23 37	0 1	3 27	0 45	23 5	0 5	20 7	16 56	16 58	17 27	1 34		n.a.
S 15	6 53	13 45	1 14	10 20	0 51	4 55	1 37	19 40	1 34	24 9	0 54	23 37	0 1	3 28	0 45	23 5	0 5	20 6	16 56	16 58	17 26	1 36		n.a.
M16	7 15	16 39	0 8	11 16	1 1	4 26	1 37	19 29	1 35	24 9	0 54	23 37	0 1	3 29	0 45	23 5	0 5	20 6	16 56	16 58	17 25	1 39		n.a.
T 17	7 38	18 50	0n59	12 11	1 10	3 57	1 37	19 18	1 36	24 8	0 54	23 37	0 1	3 30	0 45	23 5	0 5	20 6	16 56	16 58	17 24	1 41		n.a.
W18	8 0	20 9	2 4	13 4	1 19	3 27	1 37	19 6	1 37	24 7	0 54	23 37	0 1	3 31	0 45	23 5	0 5	20 5	16 57	16 58	17 23	1 43		n.a.
T 19	8 21	20 28	3 5	13 56	1 28	2 58	1 37	18 54	1 38	24 7	0 54	23 37	0 2	3 31	0 45	23 5	0 5	20 5	16 57	16 58	17 22	1 45		n.a.
F 20	8 43	19 43	3 57	14 45	1 36	2 29	1 37	18 43	1 39	24 6	0 54	23 37	0 2	3 32	0 45	23 5	0 5	20 5	16 57	16 59	17 21	1 47		n.a.
S 21	9 5	17 52	4 39	15 32	1 43	1 59	1 37	18 31	1 40	24 5	0 54	23 37	0 2	3 33	0 45	23 5	0 5	20 4	16 57	16 59	17 21	1 50		n.a.
S 22	9 26	14 59	5 6	16 17	1 50	1 30	1 36	18 19	1 41	24 5	0 54	23 37	0 2	3 34	0 45	23 5	0 5	20 4	16 57	16 59	17 20	1 52		n.a.
M23	9 48	11 10	5 15	17 0	1 56	1 0	1 36	18 7	1 42	24 4	0 54	23 37	0 2	3 35	0 45	23 5	0 5	20 4	16 57	16 59	17 19	1 54		n.a.
T 24	10 9	6 37	5 5	17 41	2 2	0 30	1 35	17 54	1 43	24 3	0 54	23 37	0 2	3 35	0 45	23 5	0 5	20 3	16 58	16 58	17 18	1 56		n.a.
W25	10 30	1 35	4 36	18 19	2 7	0 1	1 35	17 42	1 44	24 3	0 54	23 37	0 2	3 36	0 45	23 5	0 5	20 3	16 58	16 57	17 17	1 58		n.a.
T 26	10 51	3n37	3 47	18 54	2 11	0n29	1 34	17 29	1 45	24 2	0 54	23 38	0 2	3 37	0 45	23 5	0 5	20 3	16 58	16 57	17 16	2 1		n.a.
F 27	11 12	8 38	2 42	19 28	2 14	0 59	1 34	17 17	1 46	24 1	0 54	23 38	0 2	3 38	0 45	23 5	0 5	20 2	16 58	16 56	17 15	2 3		n.a.
S 28	11 32	13 7	1 27	19 58	2 16	1 29	1 33	17 4	1 47	24 0	0 54	23 38	0 2	3 38	0 45	23 5	0 5	20 2	16 59	16 56	17 14	2 5		n.a.
S 29	11 53	16 42	0 6	20 27	2 18	1 59	1 32	16 51	1 48	24 0	0 53	23 38	0 2	3 39	0 45	23 5	0 5	20 2	16 59	16 56	17 13	2 7		n.a.
M30	12n13	19n 9	1s13	20n53	2n19	2n28	1s31	16s38	1s49	23n59	0n53	23s38	0s 2	3n40	0n45	23s 5	0n 5	20s 2	16s59	16s56	17s12	2s 9		n.a.

Julian Day Number = 1491040.5, Delta T = 05h14m41s
Ecliptic obliquity = 23°46'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'05, Lahiri = -12°40'05 Julian Calendar 1 Apr. 631 BCE == Greg. Calendar 25 March 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

MAY 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 6 55	2♉37'04	13♊39	24♉ 1	10♈50	21♒ 2	13♋26	6°R48	22°R34	12°R36	18♓46	16♏16	17♏10	26♍22	n.a.	T 1
W 2	14 10 52	3°34'22	27°16	25°29	12° 3	21°46	13°34	6♑47	22♍32	12♑36	18°47	16°17	17° 7	26°29	n.a.	W 2
T 3	14 14 48	4°31'38	10♋28	26°55	13°16	22°29	13°42	6°46	22°30	12°35	18°48	16°18	17° 4	26°35	n.a.	T 3
F 4	14 18 45	5°28'54	23°17	28°18	14°29	23°12	13°50	6°45	22°29	12°35	18°49	16°19	17° 0	26°42	n.a.	F 4
S 5	14 22 41	6°26'08	5♌46	29°37	15°42	23°55	13°58	6°44	22°27	12°34	18°50	16°R19	16°57	26°49	n.a.	S 5
S 6	14 26 38	7°23'22	17°58	0♊54	16°54	24°38	14° 6	6°43	22°25	12°34	18°51	16°19	16°54	26°56	n.a.	S 6
M 7	14 30 35	8°20'34	29°59	2° 7	18° 7	25°21	14°15	6°42	22°24	12°34	18°52	16°19	16°51	27° 2	n.a.	M 7
T 8	14 34 31	9°17'46	11♍54	3°17	19°20	26° 4	14°23	6°41	22°22	12°33	18°53	16°18	16°48	27° 9	n.a.	T 8
W 9	14 38 28	10°14'56	23°44	4°24	20°33	26°47	14°32	6°39	22°21	12°33	18°54	16°17	16°44	27°16	n.a.	W 9
T 10	14 42 24	11°12'06	5♎36	5°28	21°46	27°29	14°41	6°38	22°20	12°32	18°55	16°16	16°41	27°22	n.a.	T 10
F 11	14 46 21	12° 9'15	17°30	6°28	22°59	28°12	14°49	6°36	22°18	12°31	18°56	16°16	16°38	27°29	n.a.	F 11
S 12	14 50 17	13° 6'23	29°31	7°25	24°11	28°55	14°58	6°35	22°17	12°31	18°57	16°15	16°35	27°36	n.a.	S 12
S 13	14 54 14	14° 3'31	11♏41	8°18	25°24	29°37	15° 7	6°33	22°16	12°30	18°58	16°D15	16°32	27°42	n.a.	S 13
M14	14 58 10	15° 0'39	24° 1	9° 8	26°37	0♓19	15°17	6°31	22°14	12°30	18°59	16°15	16°29	27°49	n.a.	M14
T 15	15 2 7	15°57'46	6♐32	9°53	27°50	1° 2	15°26	6°29	22°13	12°29	19° 0	16°R15	16°25	27°56	n.a.	T 15
W16	15 6 4	16°54'52	19°16	10°35	29° 3	1°44	15°35	6°27	22°12	12°28	19° 1	16°15	16°22	28° 2	n.a.	W16
T 17	15 10 0	17°51'59	2♑15	11°13	0♉16	2°26	15°45	6°25	22°11	12°27	19° 1	16°15	16°19	28° 9	n.a.	T 17
F 18	15 13 57	18°49'05	15°27	11°47	1°29	3° 8	15°54	6°23	22°10	12°27	19° 2	16°15	16°16	28°16	n.a.	F 18
S 19	15 17 53	19°46'11	28°55	12°17	2°42	3°50	16° 4	6°20	22° 9	12°26	19° 3	16°15	16°13	28°23	n.a.	S 19
S 20	15 21 50	20°43'17	12♒39	12°42	3°55	4°32	16°14	6°18	22° 8	12°25	19° 4	16°14	16°10	28°29	n.a.	S 20
M21	15 25 46	21°40'23	26°38	13° 3	5° 8	5°14	16°23	6°16	22° 7	12°24	19° 5	16°D14	16° 6	28°36	n.a.	M21
T 22	15 29 43	22°37'29	10♓51	13°20	6°21	5°56	16°33	6°13	22° 6	12°23	19° 5	16°15	16° 3	28°43	n.a.	T 22
W23	15 33 39	23°34'36	25°17	13°32	7°34	6°37	16°43	6°10	22° 6	12°22	19° 6	16°15	16° 0	28°49	n.a.	W23
T 24	15 37 36	24°31'42	9♈51	13°40	8°48	7°19	16°54	6° 8	22° 5	12°21	19° 7	16°16	15°57	28°56	n.a.	T 24
F 25	15 41 33	25°28'49	24°29	13°R43	10° 1	8° 0	17° 4	6° 5	22° 4	12°20	19° 7	16°17	15°54	29° 3	n.a.	F 25
S 26	15 45 29	26°25'55	9♉ 5	13°41	11°14	8°41	17°14	6° 2	22° 3	12°19	19° 8	16°R17	15°50	29° 9	n.a.	S 26
S 27	15 49 26	27°23'02	23°34	13°35	12°27	9°23	17°24	5°59	22° 3	12°18	19° 9	16°17	15°47	29°16	n.a.	S 27
M28	15 53 22	28°20'09	7♊49	13°24	13°40	10° 4	17°35	5°56	22° 2	12°17	19° 9	16°16	15°44	29°23	n.a.	M28
T 29	15 57 19	29°17'15	21°45	13° 9	14°54	10°45	17°45	5°53	22° 2	12°16	19°10	16°15	15°41	29°29	n.a.	T 29
W30	16 1 15	0♊14'22	5♋21	12°50	16° 7	11°25	17°56	5°50	22° 1	12°15	19°10	16°13	15°38	29°36	n.a.	W30
T 31	16 5 12	1♊11'28	18♋34	12♊27	17♉20	12♓ 6	18♋ 7	5♑47	22♍ 1	12♑14	19♓11	16♏12	15♏35	29♍43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	12n33	20n20	2s26	21n17	2n20	2n58	1s30	16s24	1s50	23n58	0n53	23s38	0s 3	3n41	0n45	23s 5	0n 5	20s 2	16s59	16s56	17s11	2s11			n.a.
W 2	12 53	20 16	3 28	21 39	2 19	3 28	1 29	16 11	1 50	23 57	0 53	23 38	0 3	3 41	0 45	23 5	0 5	20 1	16 59	16 56	17 11	2 14			n.a.
T 3	13 12	19 5	4 17	21 58	2 18	3 58	1 28	15 58	1 51	23 56	0 53	23 38	0 3	3 42	0 45	23 5	0 5	20 1	17 0	16 57	17 10	2 16			n.a.
F 4	13 32	16 56	4 52	22 16	2 16	4 27	1 27	15 44	1 52	23 55	0 53	23 39	0 3	3 42	0 45	23 5	0 5	20 1	17 0	16 57	17 9	2 18			n.a.
S 5	13 51	14 3	5 12	22 31	2 13	4 57	1 26	15 31	1 53	23 54	0 53	23 39	0 3	3 43	0 45	23 5	0 5	20 1	17 0	16 57	17 8	2 20			n.a.
S 6	14 10	10 38	5 17	22 44	2 9	5 26	1 24	15 17	1 54	23 53	0 53	23 39	0 3	3 44	0 45	23 5	0 5	20 1	17 0	16 57	17 7	2 22			n.a.
M 7	14 29	6 50	5 8	22 55	2 5	5 55	1 23	15 3	1 55	23 53	0 53	23 39	0 3	3 44	0 45	23 5	0 5	20 0	17 1	16 57	17 6	2 25			n.a.
T 8	14 47	2 48	4 46	23 4	2 0	6 25	1 22	14 49	1 56	23 52	0 53	23 39	0 3	3 45	0 45	23 5	0 5	20 0	17 1	16 56	17 5	2 27			n.a.
W 9	15 6	1s20	4 12	23 11	1 54	6 54	1 20	14 35	1 57	23 51	0 53	23 39	0 3	3 45	0 44	23 6	0 5	20 0	17 1	16 56	17 4	2 29			n.a.
T 10	15 24	5 25	3 27	23 17	1 48	7 23	1 19	14 21	1 58	23 50	0 53	23 39	0 3	3 46	0 44	23 6	0 5	20 0	17 2	16 56	17 3	2 31			n.a.
F 11	15 42	9 19	2 33	23 20	1 40	7 51	1 17	14 7	1 59	23 48	0 53	23 40	0 4	3 46	0 44	23 6	0 5	20 0	17 2	16 56	17 2	2 33			n.a.
S 12	15 59	12 53	1 32	23 22	1 32	8 20	1 16	13 53	2 0	23 47	0 53	23 40	0 4	3 47	0 44	23 6	0 5	20 0	17 2	16 56	17 1	2 35			n.a.
S 13	16 17	15 57	0 25	23 22	1 24	8 49	1 14	13 38	2 0	23 46	0 53	23 40	0 4	3 47	0 44	23 6	0 5	20 0	17 2	16 56	17 0	2 37			n.a.
M14	16 34	18 20	0n43	23 21	1 14	9 17	1 12	13 24	2 1	23 45	0 53	23 40	0 4	3 48	0 44	23 6	0 5	20 0	17 3	16 56	17 0	2 40			n.a.
T 15	16 51	19 53	1 50	23 17	1 4	9 45	1 11	13 9	2 2	23 44	0 53	23 40	0 4	3 48	0 44	23 6	0 5	19 59	17 3	16 56	16 59	2 42			n.a.
W16	17 7	20 27	2 53	23 13	0 53	10 13	1 9	12 55	2 3	23 43	0 53	23 41	0 4	3 49	0 44	23 6	0 5	19 59	17 3	16 56	16 58	2 44			n.a.
T 17	17 23	19 57	3 48	23 7	0 41	10 41	1 7	12 40	2 4	23 42	0 53	23 41	0 4	3 49	0 44	23 6	0 5	19 59	17 4	16 56	16 57	2 46			n.a.
F 18	17 40	18 21	4 33	23 0	0 29	11 8	1 5	12 26	2 5	23 41	0 53	23 41	0 4	3 49	0 44	23 6	0 5	19 59	17 4	16 56	16 56	2 48			n.a.
S 19	17 55	15 43	5 3	22 51	0 16	11 35	1 3	12 11	2 6	23 39	0 53	23 41	0 4	3 50	0 44	23 6	0 5	19 59	17 4	16 56	16 55	2 50			n.a.
S 20	18 11	12 11	5 17	22 41	0 3	12 2	1 1	11 56	2 6	23 38	0 53	23 41	0 4	3 50	0 44	23 6	0 4	19 59	17 4	16 55	16 54	2 53			n.a.
M21	18 26	7 55	5 12	22 30	0s11	12 29	0 59	11 41	2 7	23 37	0 53	23 42	0 4	3 50	0 44	23 6	0 4	19 59	17 5	16 55	16 53	2 55			n.a.
T 22	18 41	3 9	4 49	22 17	0 26	12 55	0 57	11 26	2 8	23 36	0 52	23 42	0 5	3 51	0 44	23 7	0 4	19 59	17 5	16 56	16 52	2 57			n.a.
W23	18 55	1n52	4 7	22 4	0 41	13 21	0 55	11 12	2 9	23 34	0 52	23 42	0 5	3 51	0 44	23 7	0 4	19 59	17 5	16 56	16 51	2 59			n.a.
T 24	19 10	6 50	3 9	21 50	0 56	13 47	0 53	10 57	2 10	23 33	0 52	23 42	0 5	3 51	0 44	23 7	0 4	19 59	17 6	16 56	16 50	3 1			n.a.
F 25	19 24	11 26	1 58	21 35	1 12	14 13	0 51	10 42	2 10	23 32	0 52	23 43	0 5	3 52	0 44	23 7	0 4	19 59	17 6	16 56	16 49	3 3			n.a.
S 26	19 37	15 21	0 40	21 19	1 27	14 38	0 49	10 27	2 11	23 30	0 52	23 43	0 5	3 52	0 44	23 7	0 4	19 59	17 6	16 56	16 48	3 5			n.a.
S 27	19 51	18 16	0s40	21 2	1 44	15 3	0 47	10 12	2 12	23 29	0 52	23 43	0 5	3 52	0 44	23 7	0 4	19 59	17 7	16 56	16 48	3 8			n.a.
M28	20 4	20 0	1 56	20 45	2 0	15 27	0 45	9 57	2 13	23 28	0 52	23 43	0 5	3 52	0 44	23 7	0 4	19 59	17 7	16 56	16 47	3 10			n.a.
T 29	20 16	20 27	3 4	20 27	2 15	15 51	0 42	9 42	2 13	23 26	0 52	23 43	0 5	3 52	0 44	23 7	0 4	19 59	17 7	16 56	16 46	3 12			n.a.
W30	20 29	19 40	3 59	20 9	2 31	16 15	0 40	9 26	2 14	23 25	0 52	23 44	0 5	3 52	0 44	23 7	0 4	19 59	17 8	16 55	16 45	3 14			n.a.
T 31	20n41	17n50	4s40	19n51	2s47	16n38	0s38	9s11	2s15	23n23	0n52	23s44	0s 5	3n53	0n44	23s 8	0n 4	19s59	17s 8	16s55	16s44	3s16			n.a.

Julian Day Number = 1491070.5, Delta T = 05h14m39s
Ecliptic obliquity = 23°46'11, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°47'01, Lahiri = -12°40'01 Julian Calendar 1 May 631 BCE == Greg. Calendar 24 Apr. 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

JUNE 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 9 9	2♊ 8'35	1♌25	12°R 1	18♉33	12♓47	18♋18	5°R43	22°R 1	12°R13	19♓12	16°R10	15♏31	29♍49	n.a.	F 1
S 2	16 13 5	3° 5'41	13°56	11♊31	19°47	13°27	18°28	5♑40	22♍ 0	12♑12	19°12	16♏ 8	15°28	29°56	n.a.	S 2
S 3	16 17 2	4° 2'47	26°10	10°58	21° 0	14° 7	18°39	5°37	22° 0	12°11	19°13	16° 7	15°25	0♎ 3	n.a.	S 3
M 4	16 20 58	4°59'53	8♍12	10°23	22°13	14°48	18°50	5°33	22° 0	12° 9	19°13	16°D 7	15°22	0°10	n.a.	M 4
T 5	16 24 55	5°56'59	20° 7	9°46	23°27	15°28	19° 1	5°30	22° 0	12° 8	19°14	16° 8	15°19	0°16	n.a.	T 5
W 6	16 28 51	6°54'05	1♎58	9° 8	24°40	16° 8	19°13	5°26	22° 0	12° 7	19°14	16° 9	15°16	0°23	n.a.	W 6
T 7	16 32 48	7°51'12	13°50	8°30	25°53	16°47	19°24	5°22	22°D 0	12° 6	19°14	16°10	15°12	0°30	n.a.	T 7
F 8	16 36 44	8°48'18	25°48	7°52	27° 7	17°27	19°35	5°19	22° 0	12° 4	19°15	16°12	15° 9	0°36	n.a.	F 8
S 9	16 40 41	9°45'24	7♏56	7°14	28°20	18° 6	19°46	5°15	22° 0	12° 3	19°15	16°13	15° 6	0°43	n.a.	S 9
S 10	16 44 38	10°42'31	20°16	6°39	29°34	18°46	19°58	5°11	22° 0	12° 2	19°16	16°R13	15° 3	0°50	n.a.	S 10
M11	16 48 34	11°39'39	2♐50	6° 5	0♊47	19°25	20° 9	5° 7	22° 0	12° 0	19°16	16°12	15° 0	0°56	n.a.	M11
T 12	16 52 31	12°36'46	15°41	5°34	2° 1	20° 4	20°21	5° 3	22° 0	11°59	19°16	16°10	14°56	1° 3	n.a.	T 12
W13	16 56 27	13°33'55	28°47	5° 6	3°14	20°43	20°32	4°59	22° 1	11°58	19°17	16° 7	14°53	1°10	n.a.	W13
T 14	17 0 24	14°31'04	12♑ 9	4°42	4°28	21°22	20°44	4°55	22° 1	11°56	19°17	16° 3	14°50	1°16	n.a.	T 14
F 15	17 4 20	15°28'13	25°44	4°22	5°41	22° 1	20°56	4°51	22° 1	11°55	19°17	15°58	14°47	1°23	n.a.	F 15
S 16	17 8 17	16°25'24	9♒31	4° 7	6°55	22°39	21° 8	4°47	22° 2	11°53	19°17	15°54	14°44	1°30	n.a.	S 16
S 17	17 12 13	17°22'35	23°28	3°57	8° 9	23°17	21°19	4°43	22° 2	11°52	19°18	15°51	14°41	1°36	n.a.	S 17
M18	17 16 10	18°19'47	7♓32	3°D53	9°22	23°56	21°31	4°39	22° 3	11°51	19°18	15°49	14°37	1°43	n.a.	M18
T 19	17 20 7	19°17'00	21°41	3°54	10°36	24°34	21°43	4°34	22° 3	11°49	19°18	15°D49	14°34	1°50	n.a.	T 19
W20	17 24 3	20°14'14	5♈54	4° 0	11°50	25°11	21°55	4°30	22° 4	11°48	19°18	15°50	14°31	1°56	n.a.	W20
T 21	17 28 0	21°11'30	20° 8	4°13	13° 3	25°49	22° 7	4°26	22° 5	11°46	19°18	15°51	14°28	2° 3	n.a.	T 21
F 22	17 31 56	22° 8'46	4♉22	4°31	14°17	26°26	22°19	4°22	22° 6	11°45	19°18	15°52	14°25	2°10	n.a.	F 22
S 23	17 35 53	23° 6'04	18°32	4°55	15°31	27° 4	22°31	4°17	22° 6	11°43	19°18	15°R53	14°21	2°17	n.a.	S 23
S 24	17 39 49	24° 3'22	2♊35	5°26	16°45	27°41	22°44	4°13	22° 7	11°42	19°18	15°52	14°18	2°23	n.a.	S 24
M25	17 43 46	25° 0'42	16°29	6° 2	17°59	28°18	22°56	4° 8	22° 8	11°40	19°18	15°49	14°15	2°30	n.a.	M25
T 26	17 47 42	25°58'03	0♋ 9	6°44	19°13	28°54	23° 8	4° 4	22° 9	11°38	19°19	15°44	14°12	2°37	n.a.	T 26
W27	17 51 39	26°55'24	13°33	7°33	20°26	29°31	23°20	4° 0	22°10	11°37	19°R19	15°38	14° 9	2°43	n.a.	W27
T 28	17 55 36	27°52'47	26°38	8°27	21°40	0♈ 7	23°33	3°55	22°11	11°35	19°18	15°31	14° 6	2°50	n.a.	T 28
F 29	17 59 32	28°50'10	9♌25	9°26	22°54	0°43	23°45	3°51	22°12	11°34	19°18	15°23	14° 2	2°57	n.a.	F 29
S 30	18 3 29	29♊47'34	21♌55	10♊32	24♊ 8	1♈19	23♋58	3♑46	22♍13	11♑32	19♓18	15♏17	13♏59	3♎ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n53	15n 9	5s 6	19n33	3s 1	17n 1	0s36	8s56	2s16	23n22	0n52	23s44	0s 6	3n53	0n44	23s 8	0n 4	20s 0	17s 8	16s54	16s43	3s18		n.a.
S 2	21 4	11 50	5 16	19 15	3 16	17 23	0 33	8 41	2 16	23 20	0 52	23 44	0 6	3 53	0 44	23 8	0 4	20 0	17 9	16 54	16 42	3 20		n.a.
S 3	21 15	8 6	5 11	18 57	3 29	17 45	0 31	8 26	2 17	23 19	0 52	23 45	0 6	3 53	0 44	23 8	0 4	20 0	17 9	16 53	16 41	3 22		n.a.
M 4	21 25	4 5	4 53	18 40	3 41	18 7	0 29	8 11	2 18	23 17	0 52	23 45	0 6	3 53	0 43	23 8	0 4	20 0	17 9	16 53	16 40	3 25		n.a.
T 5	21 36	0s 2	4 22	18 23	3 53	18 28	0 26	7 56	2 19	23 16	0 52	23 45	0 6	3 53	0 43	23 8	0 4	20 0	17 10	16 53	16 39	3 27		n.a.
W 6	21 46	4 9	3 40	18 8	4 3	18 49	0 24	7 41	2 19	23 14	0 52	23 45	0 6	3 53	0 43	23 8	0 4	20 0	17 10	16 54	16 38	3 29		n.a.
T 7	21 55	8 7	2 49	17 53	4 11	19 9	0 22	7 26	2 20	23 12	0 52	23 46	0 6	3 53	0 43	23 8	0 4	20 0	17 10	16 54	16 37	3 31		n.a.
F 8	22 4	11 49	1 50	17 40	4 19	19 28	0 19	7 11	2 21	23 11	0 52	23 46	0 6	3 53	0 43	23 8	0 4	20 0	17 11	16 55	16 36	3 33		n.a.
S 9	22 13	15 4	0 46	17 28	4 25	19 48	0 17	6 56	2 21	23 9	0 52	23 46	0 6	3 53	0 43	23 9	0 4	20 1	17 11	16 55	16 35	3 35		n.a.
S 10	22 22	17 42	0n22	17 18	4 29	20 6	0 14	6 41	2 22	23 7	0 52	23 46	0 6	3 53	0 43	23 9	0 4	20 1	17 11	16 55	16 34	3 37		n.a.
M11	22 30	19 33	1 30	17 10	4 32	20 24	0 12	6 26	2 23	23 5	0 52	23 47	0 7	3 52	0 43	23 9	0 4	20 1	17 12	16 55	16 33	3 39		n.a.
T 12	22 37	20 25	2 35	17 3	4 33	20 42	0 9	6 11	2 23	23 4	0 52	23 47	0 7	3 52	0 43	23 9	0 4	20 1	17 12	16 54	16 32	3 42		n.a.
W13	22 45	20 13	3 33	16 59	4 32	20 59	0 7	5 56	2 24	23 2	0 52	23 47	0 7	3 52	0 43	23 9	0 4	20 1	17 12	16 53	16 32	3 44		n.a.
T 14	22 51	18 54	4 20	16 57	4 30	21 15	0 5	5 41	2 25	23 0	0 52	23 47	0 7	3 52	0 43	23 9	0 4	20 1	17 13	16 52	16 31	3 46		n.a.
F 15	22 58	16 29	4 53	16 56	4 27	21 31	0 2	5 26	2 25	22 58	0 52	23 48	0 7	3 52	0 43	23 9	0 4	20 2	17 13	16 51	16 30	3 48		n.a.
S 16	23 4	13 8	5 11	16 59	4 22	21 46	0n 0	5 11	2 26	22 56	0 52	23 48	0 7	3 52	0 43	23 10	0 4	20 2	17 13	16 50	16 29	3 50		n.a.
S 17	23 10	9 1	5 10	17 3	4 16	22 1	0 3	4 56	2 26	22 55	0 52	23 48	0 7	3 51	0 43	23 10	0 4	20 2	17 14	16 49	16 28	3 52		n.a.
M18	23 15	4 22	4 51	17 9	4 8	22 15	0 5	4 41	2 27	22 53	0 52	23 48	0 7	3 51	0 43	23 10	0 4	20 2	17 14	16 48	16 27	3 54		n.a.
T 19	23 20	0n32	4 14	17 18	3 59	22 28	0 7	4 27	2 28	22 51	0 52	23 49	0 7	3 51	0 43	23 10	0 4	20 3	17 14	16 48	16 26	3 56		n.a.
W20	23 24	5 26	3 21	17 29	3 50	22 41	0 10	4 12	2 28	22 49	0 52	23 49	0 7	3 51	0 43	23 10	0 4	20 3	17 15	16 48	16 25	3 58		n.a.
T 21	23 28	10 4	2 16	17 41	3 39	22 53	0 12	3 57	2 29	22 47	0 52	23 49	0 7	3 50	0 43	23 10	0 4	20 3	17 15	16 49	16 24	4 0		n.a.
F 22	23 32	14 8	1 2	17 56	3 28	23 4	0 15	3 43	2 29	22 45	0 52	23 49	0 8	3 50	0 43	23 10	0 4	20 3	17 16	16 49	16 23	4 3		n.a.
S 23	23 35	17 21	0s14	18 12	3 16	23 15	0 17	3 28	2 30	22 43	0 52	23 50	0 8	3 49	0 43	23 11	0 4	20 4	17 16	16 49	16 22	4 5		n.a.
S 24	23 38	19 30	1 30	18 30	3 3	23 25	0 19	3 14	2 30	22 41	0 52	23 50	0 8	3 49	0 43	23 11	0 4	20 4	17 16	16 49	16 21	4 7		n.a.
M25	23 40	20 27	2 39	18 50	2 50	23 34	0 22	2 59	2 31	22 39	0 52	23 50	0 8	3 49	0 43	23 11	0 4	20 4	17 17	16 48	16 20	4 9		n.a.
T 26	23 42	20 9	3 37	19 10	2 36	23 43	0 24	2 45	2 31	22 37	0 52	23 50	0 8	3 48	0 43	23 11	0 4	20 5	17 17	16 47	16 19	4 11		n.a.
W27	23 44	18 43	4 22	19 32	2 22	23 51	0 26	2 31	2 32	22 35	0 52	23 51	0 8	3 48	0 42	23 11	0 4	20 5	17 17	16 45	16 18	4 13		n.a.
T 28	23 45	16 20	4 53	19 55	2 8	23 58	0 28	2 17	2 32	22 32	0 52	23 51	0 8	3 47	0 42	23 11	0 4	20 5	17 18	16 43	16 17	4 15		n.a.
F 29	23 46	13 12	5 7	20 18	1 53	24 5	0 31	2 2	2 33	22 30	0 52	23 51	0 8	3 47	0 42	23 11	0 4	20 6	17 18	16 40	16 16	4 17		n.a.
S 30	23n46	9n34	5s 7	20n42	1s39	24n11	0n33	1s48	2s33	22n28	0n52	23s51	0s 8	3n46	0n42	23s12	0n 4	20s 6	17s18	16s39	16s15	4s19		n.a.

Julian Day Number = 1491101.5, Delta T = 05h14m38s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'57, Lahiri = -12°39'56 Julian Calendar 1 June 631 BCE == Greg. Calendar 25 May 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

JULY 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 7 25	0♋44'59	4♍ 8	11♊42	25♊22	1♈55	24♋10	3°R42	22♍15	11°R31	19°R18	15°R12	13♏56	3♎10	n.a.	S 1
M 2	18 11 22	1°42'25	16°10	12°58	26°36	2°30	24°23	3♑37	22°16	11♑29	19♓18	15♏ 9	13°53	3°17	n.a.	M 2
T 3	18 15 18	2°39'52	28° 4	14°20	27°50	3° 5	24°35	3°33	22°17	11°27	19°18	15°D 7	13°50	3°23	n.a.	T 3
W 4	18 19 15	3°37'20	9♎54	15°46	29° 4	3°40	24°48	3°28	22°19	11°26	19°18	15° 7	13°47	3°30	n.a.	W 4
T 5	18 23 11	4°34'48	21°46	17°17	0♋18	4°15	25° 0	3°24	22°20	11°24	19°18	15° 8	13°43	3°37	n.a.	T 5
F 6	18 27 8	5°32'18	3♏46	18°52	1°32	4°49	25°13	3°19	22°22	11°22	19°18	15°10	13°40	3°43	n.a.	F 6
S 7	18 31 5	6°29'49	15°58	20°31	2°46	5°24	25°26	3°15	22°23	11°21	19°17	15°R10	13°37	3°50	n.a.	S 7
S 8	18 35 1	7°27'21	28°25	22°14	4° 0	5°58	25°38	3°10	22°25	11°19	19°17	15° 9	13°34	3°57	n.a.	S 8
M 9	18 38 58	8°24'54	11♐12	24° 1	5°15	6°31	25°51	3° 6	22°26	11°18	19°17	15° 6	13°31	4° 3	n.a.	M 9
T 10	18 42 54	9°22'28	24°19	25°51	6°29	7° 5	26° 4	3° 1	22°28	11°16	19°17	15° 1	13°27	4°10	n.a.	T 10
W11	18 46 51	10°20'04	7♑47	27°43	7°43	7°38	26°17	2°57	22°30	11°14	19°16	14°54	13°24	4°17	n.a.	W11
T 12	18 50 47	11°17'41	21°34	29°38	8°57	8°11	26°30	2°52	22°31	11°13	19°16	14°45	13°21	4°23	n.a.	T 12
F 13	18 54 44	12°15'19	5♒37	1♋35	10°11	8°44	26°42	2°48	22°33	11°11	19°16	14°36	13°18	4°30	n.a.	F 13
S 14	18 58 41	13°12'59	19°50	3°33	11°26	9°16	26°55	2°44	22°35	11° 9	19°15	14°28	13°15	4°37	n.a.	S 14
S 15	19 2 37	14°10'41	4♓ 8	5°33	12°40	9°49	27° 8	2°39	22°37	11° 8	19°15	14°20	13°12	4°43	n.a.	S 15
M16	19 6 34	15° 8'24	18°27	7°33	13°54	10°20	27°21	2°35	22°39	11° 6	19°15	14°15	13° 8	4°50	n.a.	M16
T 17	19 10 30	16° 6'09	2♈43	9°34	15° 8	10°52	27°34	2°31	22°41	11° 5	19°14	14°13	13° 5	4°57	n.a.	T 17
W18	19 14 27	17° 3'56	16°54	11°35	16°23	11°23	27°47	2°26	22°43	11° 3	19°14	14°D12	13° 2	5° 3	n.a.	W18
T 19	19 18 23	18° 1'45	0♉57	13°36	17°37	11°54	28° 0	2°22	22°45	11° 1	19°13	14°12	12°59	5°10	n.a.	T 19
F 20	19 22 20	18°59'35	14°53	15°37	18°51	12°25	28°13	2°18	22°47	11° 0	19°13	14°R13	12°56	5°17	n.a.	F 20
S 21	19 26 16	19°57'28	28°40	17°37	20° 6	12°55	28°26	2°14	22°49	10°58	19°12	14°12	12°53	5°24	n.a.	S 21
S 22	19 30 13	20°55'23	12♊19	19°36	21°20	13°25	28°39	2°10	22°51	10°56	19°12	14° 9	12°49	5°30	n.a.	S 22
M23	19 34 10	21°53'19	25°48	21°35	22°35	13°55	28°52	2° 5	22°54	10°55	19°11	14° 3	12°46	5°37	n.a.	M23
T 24	19 38 6	22°51'18	9♋ 5	23°33	23°49	14°24	29° 5	2° 1	22°56	10°53	19°11	13°55	12°43	5°44	n.a.	T 24
W25	19 42 3	23°49'18	22°11	25°30	25° 4	14°53	29°18	1°57	22°58	10°52	19°10	13°44	12°40	5°50	n.a.	W25
T 26	19 45 59	24°47'20	5♌ 2	27°26	26°18	15°22	29°31	1°53	23° 1	10°50	19°10	13°32	12°37	5°57	n.a.	T 26
F 27	19 49 56	25°45'23	17°39	29°21	27°33	15°50	29°44	1°49	23° 3	10°49	19° 9	13°20	12°33	6° 4	n.a.	F 27
S 28	19 53 52	26°43'29	0♍ 1	1♌14	28°47	16°18	29°57	1°46	23° 6	10°47	19° 8	13° 8	12°30	6°10	n.a.	S 28
S 29	19 57 49	27°41'35	12°10	3° 7	0♌ 2	16°45	0♌10	1°42	23° 8	10°45	19° 8	12°59	12°27	6°17	n.a.	S 29
M30	20 1 45	28°39'44	24° 9	4°58	1°16	17°12	0°23	1°38	23°11	10°44	19° 7	12°52	12°24	6°24	n.a.	M30
T 31	20 5 42	29♋37'54	6♎ 0	6♌48	2♌31	17♈39	0♌37	1♑34	23♍13	10♑42	19♓ 6	12♏47	12♏21	6♎30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n46	5n35	4s52	21n 7	1s24	24n16	0n35	1s35	2s34	22n26	0n52	23s51	0s 8	3n46	0n42	23s12	0n 4	20s 6	17s19	16s37	16s14	4s21			n.a.
M 2	23 45	1 28	4 25	21 31	1 10	24 21	0 37	1 21	2 34	22 24	0 52	23 52	0 9	3 45	0 42	23 12	0 4	20 7	17 19	16 36	16 13	4 23			n.a.
T 3	23 45	2s41	3 47	21 55	0 55	24 24	0 39	1 7	2 35	22 21	0 52	23 52	0 9	3 45	0 42	23 12	0 4	20 7	17 19	16 36	16 12	4 25			n.a.
W 4	23 43	6 42	2 59	22 19	0 41	24 27	0 41	0 53	2 35	22 19	0 52	23 52	0 9	3 44	0 42	23 12	0 4	20 7	17 20	16 36	16 11	4 28			n.a.
T 5	23 41	10 30	2 3	22 42	0 27	24 29	0 43	0 40	2 35	22 17	0 52	23 52	0 9	3 44	0 42	23 12	0 4	20 8	17 20	16 36	16 11	4 30			n.a.
F 6	23 39	13 54	1 1	23 4	0 14	24 31	0 45	0 26	2 36	22 15	0 52	23 53	0 9	3 43	0 42	23 13	0 4	20 8	17 20	16 36	16 10	4 32			n.a.
S 7	23 36	16 46	0n 4	23 24	0 1	24 32	0 47	0 13	2 36	22 12	0 52	23 53	0 9	3 42	0 42	23 13	0 4	20 9	17 21	16 37	16 9	4 34			n.a.
S 8	23 33	18 56	1 11	23 43	0n11	24 32	0 49	0n 0	2 37	22 10	0 52	23 53	0 9	3 42	0 42	23 13	0 4	20 9	17 21	16 36	16 8	4 36			n.a.
M 9	23 30	20 12	2 15	24 1	0 23	24 31	0 51	0 14	2 37	22 8	0 52	23 53	0 9	3 41	0 42	23 13	0 4	20 9	17 22	16 35	16 7	4 38			n.a.
T 10	23 26	20 25	3 14	24 16	0 34	24 29	0 53	0 27	2 37	22 5	0 53	23 53	0 9	3 40	0 42	23 13	0 4	20 10	17 22	16 34	16 6	4 40			n.a.
W11	23 22	19 29	4 4	24 29	0 44	24 27	0 55	0 40	2 38	22 3	0 53	23 54	0 9	3 39	0 42	23 13	0 4	20 10	17 22	16 32	16 5	4 42			n.a.
T 12	23 17	17 24	4 40	24 40	0 54	24 24	0 57	0 53	2 38	22 0	0 53	23 54	0 9	3 39	0 42	23 13	0 4	20 11	17 23	16 29	16 4	4 44			n.a.
F 13	23 12	14 16	5 1	24 48	1 3	24 20	0 58	1 5	2 38	21 58	0 53	23 54	0 10	3 38	0 42	23 14	0 4	20 11	17 23	16 26	16 3	4 46			n.a.
S 14	23 6	10 16	5 3	24 54	1 11	24 16	1 0	1 18	2 39	21 55	0 53	23 54	0 10	3 37	0 42	23 14	0 4	20 12	17 23	16 24	16 2	4 48			n.a.
S 15	23 0	5 41	4 47	24 57	1 18	24 11	1 2	1 30	2 39	21 53	0 53	23 54	0 10	3 36	0 42	23 14	0 4	20 12	17 24	16 22	16 1	4 50			n.a.
M16	22 54	0 46	4 13	24 57	1 24	24 5	1 3	1 43	2 39	21 50	0 53	23 54	0 10	3 36	0 42	23 14	0 4	20 12	17 24	16 20	16 0	4 52			n.a.
T 17	22 47	4n11	3 23	24 55	1 30	23 58	1 5	1 55	2 40	21 48	0 53	23 55	0 10	3 35	0 42	23 14	0 4	20 13	17 24	16 19	15 59	4 54			n.a.
W18	22 40	8 53	2 20	24 50	1 35	23 51	1 6	2 7	2 40	21 45	0 53	23 55	0 10	3 34	0 42	23 14	0 4	20 13	17 24	16 19	15 58	4 56			n.a.
T 19	22 32	13 4	1 10	24 42	1 39	23 43	1 8	2 19	2 40	21 43	0 53	23 55	0 10	3 33	0 42	23 15	0 4	20 14	17 25	16 19	15 57	4 58			n.a.
F 20	22 24	16 28	0s 4	24 32	1 42	23 34	1 9	2 31	2 40	21 40	0 53	23 55	0 10	3 32	0 42	23 15	0 4	20 14	17 25	16 19	15 56	5 0			n.a.
S 21	22 16	18 54	1 16	24 19	1 44	23 24	1 10	2 43	2 41	21 37	0 53	23 55	0 10	3 31	0 42	23 15	0 4	20 15	17 25	16 19	15 55	5 3			n.a.
S 22	22 7	20 12	2 24	24 4	1 46	23 14	1 12	2 54	2 41	21 35	0 53	23 55	0 10	3 30	0 41	23 15	0 4	20 15	17 26	16 18	15 54	5 5			n.a.
M23	21 58	20 20	3 22	23 46	1 47	23 3	1 13	3 6	2 41	21 32	0 53	23 56	0 10	3 29	0 41	23 15	0 4	20 16	17 26	16 17	15 53	5 7			n.a.
T 24	21 48	19 19	4 8	23 27	1 47	22 51	1 14	3 17	2 41	21 29	0 53	23 56	0 11	3 28	0 41	23 15	0 4	20 16	17 26	16 14	15 52	5 9			n.a.
W25	21 38	17 18	4 41	23 5	1 47	22 39	1 15	3 28	2 41	21 27	0 53	23 56	0 11	3 27	0 41	23 15	0 4	20 17	17 27	16 11	15 51	5 11			n.a.
T 26	21 28	14 27	4 58	22 42	1 46	22 26	1 16	3 39	2 41	21 24	0 53	23 56	0 11	3 26	0 41	23 16	0 4	20 17	17 27	16 7	15 50	5 13			n.a.
F 27	21 17	10 59	5 1	22 17	1 45	22 12	1 17	3 50	2 42	21 21	0 53	23 56	0 11	3 25	0 41	23 16	0 4	20 18	17 27	16 3	15 49	5 15			n.a.
S 28	21 6	7 7	4 49	21 50	1 43	21 58	1 18	4 1	2 42	21 18	0 53	23 56	0 11	3 24	0 41	23 16	0 4	20 18	17 28	16 0	15 48	5 17			n.a.
S 29	20 55	3 2	4 24	21 22	1 41	21 43	1 19	4 11	2 42	21 16	0 53	23 56	0 11	3 23	0 41	23 16	0 4	20 19	17 28	15 57	15 47	5 19			n.a.
M30	20 43	1s 7	3 48	20 52	1 38	21 27	1 20	4 22	2 42	21 13	0 54	23 57	0 11	3 22	0 41	23 16	0 4	20 19	17 28	15 55	15 46	5 21			n.a.
T 31	20n30	5s11	3s 2	20n21	1n35	21n11	1n21	4n32	2s42	21n10	0n54	23s57	0s11	3n21	0n41	23s16	0n 4	20s20	17s28	15s53	15s45	5s23			n.a.

Julian Day Number = 1491131.5, Delta T = 05h14m37s
Ecliptic obliquity = 23°46'09, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'53, Lahiri = -12°39'52 Julian Calendar 1 July 631 BCE == Greg. Calendar 24 June 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

AUGUST 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 9 38	0♌36'05	17♎49	8♌37	3♌46	18♈ 5	0♌50	1°R31	23♍16	10°R41	19°R 6	12°R45	12♏18	6♎37	n.a.	W 1
T 2	20 13 35	1°34'19	29°40	10°24	5° 0	18°31	1° 3	1♑27	23°19	10♑39	19♓ 5	12°D44	12°14	6°44	n.a.	T 2
F 3	20 17 32	2°32'34	11♏38	12°11	6°15	18°57	1°16	1°24	23°21	10°38	19° 4	12°R44	12°11	6°50	n.a.	F 3
S 4	20 21 28	3°30'50	23°49	13°56	7°29	19°22	1°29	1°20	23°24	10°36	19° 3	12♏44	12° 8	6°57	n.a.	S 4
S 5	20 25 25	4°29'08	6♐19	15°40	8°44	19°46	1°42	1°17	23°27	10°35	19° 3	12°42	12° 5	7° 4	n.a.	S 5
M 6	20 29 21	5°27'29	19°10	17°23	9°59	20°10	1°55	1°13	23°30	10°33	19° 2	12°38	12° 2	7°10	n.a.	M 6
T 7	20 33 18	6°25'50	2♑27	19° 4	11°13	20°34	2° 8	1°10	23°32	10°32	19° 1	12°31	11°59	7°17	n.a.	T 7
W 8	20 37 14	7°24'14	16°10	20°45	12°28	20°57	2°21	1° 7	23°35	10°31	19° 0	12°22	11°55	7°24	n.a.	W 8
T 9	20 41 11	8°22'39	0♒17	22°24	13°43	21°20	2°34	1° 4	23°38	10°29	18°59	12°11	11°52	7°30	n.a.	T 9
F 10	20 45 7	9°21'07	14°44	24° 2	14°57	21°42	2°47	1° 1	23°41	10°28	18°59	11°59	11°49	7°37	n.a.	F 10
S 11	20 49 4	10°19'36	29°23	25°40	16°12	22° 4	3° 0	0°58	23°44	10°26	18°58	11°48	11°46	7°44	n.a.	S 11
S 12	20 53 1	11°18'08	14♓ 7	27°16	17°27	22°25	3°13	0°55	23°47	10°25	18°57	11°39	11°43	7°50	n.a.	S 12
M13	20 56 57	12°16'41	28°49	28°51	18°42	22°46	3°26	0°52	23°50	10°24	18°56	11°32	11°39	7°57	n.a.	M13
T 14	21 0 54	13°15'17	13♈22	0♍25	19°56	23° 6	3°39	0°49	23°53	10°22	18°55	11°28	11°36	8° 4	n.a.	T 14
W15	21 4 50	14°13'55	27°42	1°58	21°11	23°25	3°52	0°47	23°56	10°21	18°54	11°26	11°33	8°10	n.a.	W15
T 16	21 8 47	15°12'36	11♉46	3°29	22°26	23°44	4° 5	0°44	23°59	10°20	18°53	11°26	11°30	8°17	n.a.	T 16
F 17	21 12 43	16°11'19	25°35	5° 0	23°41	24° 3	4°18	0°42	24° 3	10°19	18°52	11°26	11°27	8°24	n.a.	F 17
S 18	21 16 40	17°10'05	9♊ 9	6°30	24°56	24°21	4°31	0°39	24° 6	10°17	18°51	11°24	11°24	8°30	n.a.	S 18
S 19	21 20 36	18° 8'53	22°30	7°59	26°10	24°38	4°44	0°37	24° 9	10°16	18°50	11°21	11°20	8°37	n.a.	S 19
M20	21 24 33	19° 7'43	5♋38	9°26	27°25	24°55	4°57	0°35	24°12	10°15	18°50	11°15	11°17	8°44	n.a.	M20
T 21	21 28 30	20° 6'36	18°34	10°53	28°40	25°11	5°10	0°33	24°16	10°14	18°49	11° 5	11°14	8°50	n.a.	T 21
W22	21 32 26	21° 5'31	1♌19	12°19	29°55	25°26	5°23	0°31	24°19	10°13	18°48	10°54	11°11	8°57	n.a.	W22
T 23	21 36 23	22° 4'28	13°53	13°43	1♍10	25°41	5°36	0°29	24°22	10°11	18°47	10°40	11° 8	9° 4	n.a.	T 23
F 24	21 40 19	23° 3'27	26°16	15° 6	2°25	25°55	5°48	0°27	24°26	10°10	18°46	10°27	11° 5	9°10	n.a.	F 24
S 25	21 44 16	24° 2'29	8♍28	16°28	3°39	26° 8	6° 1	0°25	24°29	10° 9	18°44	10°14	11° 1	9°17	n.a.	S 25
S 26	21 48 12	25° 1'32	20°30	17°49	4°54	26°21	6°14	0°23	24°32	10° 8	18°43	10° 3	10°58	9°24	n.a.	S 26
M27	21 52 9	26° 0'38	2♎24	19° 9	6° 9	26°33	6°27	0°22	24°36	10° 7	18°42	9°55	10°55	9°30	n.a.	M27
T 28	21 56 5	26°59'45	14°13	20°27	7°24	26°44	6°39	0°20	24°39	10° 6	18°41	9°49	10°52	9°37	n.a.	T 28
W29	22 0 2	27°58'54	25°59	21°45	8°39	26°55	6°52	0°19	24°43	10° 5	18°40	9°46	10°49	9°44	n.a.	W29
T 30	22 3 58	28°58'06	7♏48	23° 0	9°54	27° 5	7° 5	0°18	24°46	10° 4	18°39	9°D45	10°45	9°50	n.a.	T 30
F 31	22 7 55	29♌57'19	19♏44	24♍14	11♍ 9	27♈14	7♌17	0♑16	24♍50	10♑ 3	18♓38	9♏46	10♏42	9♎57	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20n18	9s 3	2s 8	19n49	1n31	20n54	1n21	4n42	2s42	21n 7	0n54	23s57	0s11	3n20	0n41	23s16	0n 4	20s20	17s29	15s53	15s44	5s25			n.a.
T 2	20 5	12 35	1 9	19 16	1 27	20 36	1 22	4 52	2 42	21 4	0 54	23 57	0 11	3 19	0 41	23 17	0 4	20 21	17 29	15 52	15 43	5 27			n.a.
F 3	19 52	15 37	0 6	18 42	1 22	20 18	1 23	5 1	2 42	21 2	0 54	23 57	0 11	3 18	0 41	23 17	0 4	20 21	17 29	15 52	15 42	5 29			n.a.
S 4	19 38	18 3	0n58	18 7	1 17	19 59	1 23	5 11	2 42	20 59	0 54	23 57	0 11	3 17	0 41	23 17	0 4	20 22	17 29	15 52	15 41	5 31			n.a.
S 5	19 24	19 40	2 1	17 31	1 12	19 40	1 24	5 20	2 42	20 56	0 54	23 57	0 12	3 16	0 41	23 17	0 4	20 23	17 30	15 52	15 40	5 33			n.a.
M 6	19 10	20 20	3 0	16 54	1 7	19 20	1 24	5 30	2 42	20 53	0 54	23 57	0 12	3 15	0 41	23 17	0 4	20 23	17 30	15 51	15 39	5 35			n.a.
T 7	18 55	19 54	3 51	16 17	1 1	19 0	1 24	5 39	2 42	20 50	0 54	23 58	0 12	3 13	0 41	23 17	0 4	20 24	17 30	15 48	15 38	5 37			n.a.
W 8	18 40	18 18	4 30	15 39	0 55	18 39	1 25	5 47	2 42	20 47	0 54	23 58	0 12	3 12	0 41	23 17	0 3	20 24	17 30	15 46	15 37	5 39			n.a.
T 9	18 25	15 35	4 54	15 1	0 49	18 17	1 25	5 56	2 42	20 44	0 54	23 58	0 12	3 11	0 41	23 17	0 3	20 25	17 31	15 42	15 36	5 41			n.a.
F 10	18 10	11 51	5 0	14 22	0 43	17 55	1 25	6 5	2 42	20 41	0 54	23 58	0 12	3 10	0 41	23 18	0 3	20 25	17 31	15 39	15 35	5 43			n.a.
S 11	17 54	7 22	4 47	13 43	0 36	17 33	1 25	6 13	2 42	20 38	0 54	23 58	0 12	3 9	0 41	23 18	0 3	20 26	17 31	15 35	15 34	5 45			n.a.
S 12	17 38	2 26	4 14	13 3	0 30	17 10	1 25	6 21	2 41	20 35	0 55	23 58	0 12	3 7	0 41	23 18	0 3	20 26	17 31	15 32	15 33	5 47			n.a.
M13	17 21	2n39	3 25	12 23	0 23	16 46	1 25	6 29	2 41	20 32	0 55	23 58	0 12	3 6	0 41	23 18	0 3	20 27	17 32	15 30	15 32	5 49			n.a.
T 14	17 4	7 32	2 23	11 43	0 16	16 22	1 25	6 36	2 41	20 29	0 55	23 58	0 12	3 5	0 41	23 18	0 3	20 27	17 32	15 29	15 31	5 51			n.a.
W15	16 47	11 55	1 12	11 3	0 9	15 58	1 25	6 44	2 41	20 26	0 55	23 58	0 12	3 4	0 41	23 18	0 3	20 28	17 32	15 28	15 30	5 53			n.a.
T 16	16 30	15 33	0s 2	10 23	0 1	15 33	1 24	6 51	2 41	20 23	0 55	23 58	0 12	3 2	0 41	23 18	0 3	20 29	17 32	15 28	15 29	5 55			n.a.
F 17	16 12	18 13	1 14	9 43	0s 6	15 8	1 24	6 58	2 40	20 20	0 55	23 58	0 12	3 1	0 41	23 18	0 3	20 29	17 32	15 28	15 28	5 57			n.a.
S 18	15 54	19 48	2 21	9 2	0 14	14 42	1 24	7 5	2 40	20 17	0 55	23 59	0 13	3 0	0 41	23 19	0 3	20 30	17 33	15 28	15 27	5 59			n.a.
S 19	15 36	20 15	3 19	8 22	0 21	14 16	1 23	7 12	2 40	20 14	0 55	23 59	0 13	2 58	0 41	23 19	0 3	20 30	17 33	15 27	15 26	6 1			n.a.
M20	15 18	19 34	4 5	7 42	0 29	13 49	1 23	7 18	2 39	20 11	0 55	23 59	0 13	2 57	0 41	23 19	0 3	20 31	17 33	15 25	15 25	6 3			n.a.
T 21	14 59	17 52	4 38	7 1	0 36	13 23	1 22	7 25	2 39	20 8	0 55	23 59	0 13	2 56	0 41	23 19	0 3	20 31	17 33	15 22	15 24	6 5			n.a.
W22	14 40	15 19	4 56	6 21	0 44	12 55	1 21	7 31	2 39	20 5	0 56	23 59	0 13	2 54	0 41	23 19	0 3	20 32	17 33	15 18	15 23	6 7			n.a.
T 23	14 21	12 6	5 0	5 41	0 52	12 28	1 21	7 36	2 38	20 2	0 56	23 59	0 13	2 53	0 41	23 19	0 3	20 32	17 33	15 14	15 22	6 9			n.a.
F 24	14 1	8 24	4 49	5 2	1 0	12 0	1 20	7 42	2 38	19 59	0 56	23 59	0 13	2 52	0 40	23 19	0 3	20 33	17 34	15 9	15 21	6 11			n.a.
S 25	13 41	4 25	4 26	4 22	1 8	11 32	1 19	7 47	2 37	19 56	0 56	23 59	0 13	2 50	0 40	23 19	0 3	20 34	17 34	15 5	15 20	6 13			n.a.
S 26	13 21	0 18	3 50	3 43	1 15	11 3	1 18	7 52	2 37	19 52	0 56	23 59	0 13	2 49	0 40	23 19	0 3	20 34	17 34	15 2	15 19	6 15			n.a.
M27	13 1	3s47	3 5	3 5	1 23	10 34	1 17	7 57	2 36	19 49	0 56	23 59	0 13	2 48	0 40	23 19	0 3	20 35	17 34	14 59	15 18	6 17			n.a.
T 28	12 41	7 42	2 11	2 27	1 31	10 5	1 16	8 2	2 36	19 46	0 56	23 59	0 13	2 46	0 40	23 20	0 3	20 35	17 34	14 57	15 17	6 19			n.a.
W29	12 20	11 18	1 13	1 49	1 38	9 36	1 15	8 6	2 35	19 43	0 56	23 59	0 13	2 45	0 40	23 20	0 3	20 36	17 34	14 57	15 16	6 21			n.a.
T 30	12 0	14 28	0 10	1 12	1 46	9 6	1 14	8 11	2 34	19 40	0 56	24 0	0 13	2 43	0 40	23 20	0 3	20 36	17 34	14 56	15 15	6 23			n.a.
F 31	11n39	17s 4	0n53	0n35	1s53	8n36	1n13	8n14	2s34	19n37	0n57	24s 0	0s13	2n42	0n40	23s20	0n 3	20s37	17s35	14s56	15s14	6s25			n.a.

Julian Day Number = 1491162.5, Delta T = 05h14m35s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'48, Lahiri = -12°39'48 Julian Calendar 1 Aug. 631 BCE == Greg. Calendar 25 July 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

SEPTEMBER 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 11 52	0♍56'35	1♐52	25♍27	12♍24	27♈22	7♌30	0°R15	24♍53	10°R 3	18°R37	9°R46	10♏39	10♎ 4	n.a.	S 1
S 2	22 15 48	1°55'52	14°19	26°38	13°39	27°29	7°42	0♑14	24°57	10♑ 2	18♓36	9♏45	10°36	10°10	n.a.	S 2
M 3	22 19 45	2°55'11	27° 8	27°46	14°53	27°36	7°55	0°13	25° 0	10° 1	18°35	9°43	10°33	10°17	n.a.	M 3
T 4	22 23 41	3°54'32	10♑25	28°53	16° 8	27°42	8° 7	0°13	25° 4	10° 0	18°34	9°38	10°30	10°24	n.a.	T 4
W 5	22 27 38	4°53'55	24°10	29°58	17°23	27°47	8°19	0°12	25° 7	9°59	18°33	9°30	10°26	10°30	n.a.	W 5
T 6	22 31 34	5°53'20	8♒24	1♎ 1	18°38	27°52	8°32	0°11	25°11	9°58	18°32	9°21	10°23	10°37	n.a.	T 6
F 7	22 35 31	6°52'47	23° 3	2° 1	19°53	27°55	8°44	0°11	25°15	9°58	18°30	9°11	10°20	10°44	n.a.	F 7
S 8	22 39 27	7°52'15	8♓ 0	2°58	21° 8	27°58	8°56	0°10	25°18	9°57	18°29	9° 2	10°17	10°50	n.a.	S 8
S 9	22 43 24	8°51'46	23° 6	3°52	22°23	28° 0	9° 8	0°10	25°22	9°56	18°28	8°54	10°14	10°57	n.a.	S 9
M10	22 47 20	9°51'20	8♈10	4°43	23°38	28° 1	9°21	0°10	25°26	9°56	18°27	8°48	10°10	11° 4	n.a.	M10
T 11	22 51 17	10°50'55	23° 5	5°31	24°53	28°R 1	9°33	0°D10	25°29	9°55	18°26	8°45	10° 7	11°10	n.a.	T 11
W12	22 55 14	11°50'33	7♉43	6°14	26° 7	28° 0	9°45	0°10	25°33	9°55	18°25	8°D44	10° 4	11°17	n.a.	W12
T 13	22 59 10	12°50'13	21°59	6°54	27°22	27°58	9°57	0°10	25°37	9°54	18°24	8°44	10° 1	11°24	n.a.	T 13
F 14	23 3 7	13°49'56	5♊54	7°28	28°37	27°56	10° 9	0°10	25°40	9°54	18°22	8°45	9°58	11°30	n.a.	F 14
S 15	23 7 3	14°49'41	19°27	7°57	29°52	27°52	10°21	0°10	25°44	9°53	18°21	8°R45	9°55	11°37	n.a.	S 15
S 16	23 11 0	15°49'29	2♋40	8°20	1♎ 7	27°48	10°32	0°11	25°48	9°53	18°20	8°44	9°51	11°44	n.a.	S 16
M17	23 14 56	16°49'19	15°37	8°38	2°22	27°43	10°44	0°11	25°52	9°52	18°19	8°40	9°48	11°50	n.a.	M17
T 18	23 18 53	17°49'11	28°18	8°48	3°37	27°37	10°56	0°12	25°55	9°52	18°18	8°34	9°45	11°57	n.a.	T 18
W19	23 22 49	18°49'06	10♌47	8°R51	4°52	27°30	11° 7	0°13	25°59	9°52	18°17	8°26	9°42	12° 4	n.a.	W19
T 20	23 26 46	19°49'03	23° 5	8°46	6° 7	27°22	11°19	0°14	26° 3	9°51	18°16	8°17	9°39	12°10	n.a.	T 20
F 21	23 30 43	20°49'02	5♍14	8°32	7°21	27°13	11°30	0°14	26° 7	9°51	18°14	8° 8	9°36	12°17	n.a.	F 21
S 22	23 34 39	21°49'03	17°15	8°10	8°36	27° 3	11°42	0°15	26°10	9°51	18°13	7°59	9°32	12°24	n.a.	S 22
S 23	23 38 36	22°49'06	29°10	7°38	9°51	26°53	11°53	0°17	26°14	9°50	18°12	7°51	9°29	12°30	n.a.	S 23
M24	23 42 32	23°49'11	10♎59	6°58	11° 6	26°41	12° 5	0°18	26°18	9°50	18°11	7°46	9°26	12°37	n.a.	M24
T 25	23 46 29	24°49'18	22°47	6° 8	12°21	26°29	12°16	0°19	26°22	9°50	18°10	7°42	9°23	12°44	n.a.	T 25
W26	23 50 25	25°49'27	4♏33	5°10	13°36	26°16	12°27	0°21	26°26	9°50	18° 9	7°D41	9°20	12°50	n.a.	W26
T 27	23 54 22	26°49'37	16°23	4° 4	14°51	26° 2	12°38	0°22	26°29	9°50	18° 7	7°41	9°16	12°57	n.a.	T 27
F 28	23 58 18	27°49'50	28°20	2°53	16° 6	25°47	12°49	0°24	26°33	9°50	18° 6	7°42	9°13	13° 4	n.a.	F 28
S 29	0 2 15	28°50'04	10♐27	1°37	17°20	25°32	13° 0	0°26	26°37	9°D50	18° 5	7°44	9°10	13°10	n.a.	S 29
S 30	0 6 11	29♍50'20	22♐51	0♎19	18♎35	25♈16	13♌11	0♑27	26♍41	9♑50	18♓ 4	7♏45	9♏ 7	13♎17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n17	18s57	1n55	0s 0	2s 1	8n 6	1n11	8n18	2s33	19n34	0n57	24s 0	0s14	2n40	0n40	23s20	0n 3	20s37	17s35	14s56	15s13	6s27		n.a.
S 2	10 56	19 58	2 53	0 35	2 8	7 36	1 10	8 22	2 32	19 31	0 57	24 0	0 14	2 39	0 40	23 20	0 3	20 38	17 35	14 56	15 12	6 29		n.a.
M 3	10 34	20 0	3 45	1 10	2 15	7 5	1 9	8 25	2 31	19 27	0 57	24 0	0 14	2 38	0 40	23 20	0 3	20 38	17 35	14 55	15 11	6 31		n.a.
T 4	10 13	18 56	4 26	1 43	2 22	6 34	1 7	8 28	2 30	19 24	0 57	24 0	0 14	2 36	0 40	23 20	0 3	20 39	17 35	14 54	15 10	6 33		n.a.
W 5	9 51	16 46	4 53	2 15	2 28	6 3	1 6	8 30	2 30	19 21	0 57	24 0	0 14	2 35	0 40	23 20	0 3	20 40	17 35	14 51	15 9	6 34		n.a.
T 6	9 29	13 31	5 4	2 46	2 35	5 32	1 4	8 33	2 29	19 18	0 57	24 0	0 14	2 33	0 40	23 20	0 3	20 40	17 35	14 49	15 8	6 36		n.a.
F 7	9 6	9 22	4 55	3 16	2 41	5 1	1 3	8 35	2 28	19 15	0 57	24 0	0 14	2 32	0 40	23 20	0 3	20 41	17 35	14 45	15 7	6 38		n.a.
S 8	8 44	4 34	4 27	3 44	2 47	4 30	1 1	8 37	2 27	19 12	0 58	24 0	0 14	2 30	0 40	23 20	0 3	20 41	17 35	14 42	15 6	6 40		n.a.
S 9	8 21	0n34	3 39	4 11	2 52	3 58	0 59	8 39	2 26	19 9	0 58	24 0	0 14	2 29	0 40	23 20	0 3	20 42	17 35	14 40	15 5	6 42		n.a.
M10	7 59	5 40	2 36	4 36	2 57	3 27	0 58	8 40	2 24	19 5	0 58	24 0	0 14	2 27	0 40	23 20	0 3	20 42	17 35	14 38	15 4	6 44		n.a.
T 11	7 36	10 22	1 23	5 0	3 2	2 55	0 56	8 41	2 23	19 2	0 58	24 0	0 14	2 26	0 40	23 21	0 3	20 43	17 35	14 37	15 3	6 46		n.a.
W12	7 13	14 22	0 5	5 21	3 6	2 23	0 54	8 42	2 22	18 59	0 58	24 0	0 14	2 24	0 40	23 21	0 3	20 43	17 35	14 36	15 2	6 48		n.a.
T 13	6 50	17 23	1s11	5 40	3 9	1 51	0 52	8 43	2 21	18 56	0 58	24 0	0 14	2 23	0 40	23 21	0 3	20 44	17 36	14 37	15 1	6 50		n.a.
F 14	6 27	19 17	2 21	5 56	3 12	1 19	0 50	8 43	2 19	18 53	0 58	24 1	0 14	2 21	0 40	23 21	0 3	20 44	17 36	14 37	15 0	6 52		n.a.
S 15	6 3	20 0	3 21	6 10	3 14	0 47	0 48	8 43	2 18	18 50	0 59	24 1	0 14	2 20	0 40	23 21	0 3	20 45	17 36	14 37	14 59	6 54		n.a.
S 16	5 40	19 36	4 9	6 20	3 15	0 15	0 46	8 43	2 17	18 47	0 59	24 1	0 14	2 18	0 40	23 21	0 3	20 45	17 36	14 36	14 58	6 56		n.a.
M17	5 16	18 10	4 43	6 27	3 15	0s17	0 44	8 42	2 15	18 44	0 59	24 1	0 15	2 17	0 40	23 21	0 3	20 45	17 36	14 35	14 57	6 58		n.a.
T 18	4 53	15 51	5 2	6 30	3 15	0 49	0 42	8 41	2 14	18 40	0 59	24 1	0 15	2 15	0 40	23 21	0 3	20 46	17 36	14 33	14 56	7 0		n.a.
W19	4 29	12 51	5 7	6 30	3 13	1 21	0 40	8 40	2 12	18 37	0 59	24 1	0 15	2 14	0 40	23 21	0 3	20 46	17 36	14 31	14 55	7 2		n.a.
T 20	4 5	9 20	4 57	6 25	3 9	1 53	0 38	8 39	2 10	18 34	0 59	24 1	0 15	2 12	0 40	23 21	0 3	20 47	17 36	14 28	14 54	7 4		n.a.
F 21	3 41	5 29	4 34	6 15	3 4	2 25	0 35	8 38	2 9	18 31	1 0	24 1	0 15	2 11	0 40	23 21	0 3	20 47	17 36	14 25	14 53	7 5		n.a.
S 22	3 17	1 27	3 59	6 0	2 58	2 57	0 33	8 36	2 7	18 28	1 0	24 1	0 15	2 9	0 40	23 21	0 3	20 48	17 36	14 22	14 52	7 7		n.a.
S 23	2 53	2s37	3 13	5 40	2 50	3 29	0 31	8 34	2 5	18 25	1 0	24 1	0 15	2 8	0 40	23 21	0 3	20 48	17 35	14 19	14 51	7 9		n.a.
M24	2 29	6 33	2 20	5 14	2 40	4 1	0 29	8 31	2 3	18 22	1 0	24 1	0 15	2 6	0 40	23 21	0 3	20 49	17 35	14 17	14 50	7 11		n.a.
T 25	2 5	10 13	1 20	4 43	2 28	4 33	0 26	8 29	2 1	18 19	1 0	24 1	0 15	2 5	0 40	23 21	0 3	20 49	17 35	14 16	14 49	7 13		n.a.
W26	1 41	13 29	0 17	4 8	2 14	5 4	0 24	8 26	1 59	18 16	1 0	24 1	0 15	2 3	0 40	23 21	0 3	20 49	17 35	14 16	14 48	7 15		n.a.
T 27	1 17	16 13	0n47	3 27	1 58	5 36	0 21	8 23	1 57	18 13	1 1	24 1	0 15	2 2	0 40	23 21	0 3	20 50	17 35	14 16	14 47	7 17		n.a.
F 28	0 52	18 16	1 50	2 42	1 41	6 7	0 19	8 19	1 55	18 10	1 1	24 1	0 15	2 0	0 40	23 21	0 3	20 50	17 35	14 16	14 46	7 19		n.a.
S 29	0 28	19 32	2 49	1 55	1 23	6 39	0 16	8 16	1 53	18 7	1 1	24 1	0 15	1 58	0 40	23 21	0 3	20 51	17 35	14 17	14 45	7 21		n.a.
S 30	0n 4	19s53	3n42	1s 5	1s 3	7s10	0n14	8n12	1s50	18n 4	1n 1	24s 1	0s15	1n57	0n40	23s21	0n 3	20s51	17s35	14s17	14s44	7s23		n.a.

Julian Day Number = 1491193.5, Delta T = 05h14m34s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'44, Lahiri = -12°39'44 Julian Calendar 1 Sept. 631 BCE == Greg. Calendar 25 Aug. 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

OCTOBER 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 10 8	0♎50'37	5♉36	29°R 1	19♎50	24°R59	13♌21	0♉29	26♍45	9♉50	18°R 3	7°R45	9♏ 4	13♎24	n.a.	M 1
T 2	0 14 5	1°50'56	18°45	27♍46	21° 5	24♈41	13°32	0°31	26°48	9°50	18♓ 2	7♏44	9° 1	13°30	n.a.	T 2
W 3	0 18 1	2°51'17	2♒23	26°36	22°20	24°23	13°43	0°34	26°52	9°50	18° 1	7°41	8°57	13°37	n.a.	W 3
T 4	0 21 58	3°51'39	16°30	25°33	23°35	24° 4	13°53	0°36	26°56	9°50	18° 0	7°37	8°54	13°44	n.a.	T 4
F 5	0 25 54	4°52'02	1♓ 4	24°39	24°49	23°45	14° 4	0°38	27° 0	9°51	17°58	7°32	8°51	13°50	n.a.	F 5
S 6	0 29 51	5°52'27	16° 1	23°56	26° 4	23°25	14°14	0°41	27° 3	9°51	17°57	7°27	8°48	13°57	n.a.	S 6
S 7	0 33 47	6°52'54	1♈13	23°24	27°19	23° 5	14°24	0°43	27° 7	9°51	17°56	7°23	8°45	14° 3	n.a.	S 7
M 8	0 37 44	7°53'23	16°29	23° 3	28°34	22°44	14°34	0°46	27°11	9°51	17°55	7°20	8°41	14°10	n.a.	M 8
T 9	0 41 40	8°53'53	1♉40	22°D55	29°48	22°23	14°44	0°48	27°15	9°52	17°54	7°D19	8°38	14°17	n.a.	T 9
W10	0 45 37	9°54'25	16°35	22°57	1♏ 3	22° 1	14°54	0°51	27°18	9°52	17°53	7°19	8°35	14°23	n.a.	W10
T 11	0 49 34	10°54'59	1♊10	23°11	2°18	21°39	15° 4	0°54	27°22	9°52	17°52	7°20	8°32	14°30	n.a.	T 11
F 12	0 53 30	11°55'36	15°18	23°34	3°33	21°17	15°14	0°57	27°26	9°53	17°51	7°22	8°29	14°37	n.a.	F 12
S 13	0 57 27	12°56'14	29° 1	24° 7	4°47	20°55	15°23	1° 0	27°29	9°53	17°50	7°23	8°26	14°43	n.a.	S 13
S 14	1 1 23	13°56'53	12♋18	24°48	6° 2	20°32	15°33	1° 3	27°33	9°54	17°49	7°R24	8°22	14°50	n.a.	S 14
M15	1 5 20	14°57'35	25°13	25°36	7°17	20° 9	15°42	1° 7	27°37	9°54	17°48	7°23	8°19	14°57	n.a.	M15
T 16	1 9 16	15°58'19	7♌49	26°30	8°32	19°47	15°52	1°10	27°40	9°55	17°47	7°22	8°16	15° 3	n.a.	T 16
W17	1 13 13	16°59'04	20° 9	27°31	9°46	19°24	16° 1	1°13	27°44	9°55	17°46	7°20	8°13	15°10	n.a.	W17
T 18	1 17 9	17°59'51	2♍17	28°36	11° 1	19° 1	16°10	1°17	27°48	9°56	17°45	7°17	8°10	15°17	n.a.	T 18
F 19	1 21 6	19° 0'39	14°16	29°46	12°16	18°38	16°19	1°21	27°51	9°57	17°44	7°13	8° 7	15°23	n.a.	F 19
S 20	1 25 3	20° 1'29	26° 9	0♎59	13°30	18°16	16°28	1°24	27°55	9°57	17°43	7°10	8° 3	15°30	n.a.	S 20
S 21	1 28 59	21° 2'21	7♎58	2°15	14°45	17°53	16°36	1°28	27°58	9°58	17°42	7° 8	8° 0	15°37	n.a.	S 21
M22	1 32 56	22° 3'14	19°46	3°34	16° 0	17°31	16°45	1°32	28° 2	9°59	17°41	7° 6	7°57	15°43	n.a.	M22
T 23	1 36 52	23° 4'08	1♏35	4°56	17°14	17° 9	16°54	1°36	28° 6	10° 0	17°40	7°D 6	7°54	15°50	n.a.	T 23
W24	1 40 49	24° 5'04	13°26	6°19	18°29	16°48	17° 2	1°40	28° 9	10° 1	17°39	7° 6	7°51	15°57	n.a.	W24
T 25	1 44 45	25° 6'00	25°22	7°44	19°44	16°26	17°10	1°44	28°13	10° 1	17°38	7° 6	7°47	16° 3	n.a.	T 25
F 26	1 48 42	26° 6'58	7♐25	9°10	20°58	16° 6	17°18	1°48	28°16	10° 2	17°38	7° 7	7°44	16°10	n.a.	F 26
S 27	1 52 38	27° 7'57	19°39	10°38	22°13	15°45	17°26	1°53	28°19	10° 3	17°37	7° 8	7°41	16°17	n.a.	S 27
S 28	1 56 35	28° 8'57	2♑ 6	12° 6	23°27	15°26	17°34	1°57	28°23	10° 4	17°36	7° 9	7°38	16°23	n.a.	S 28
M29	2 0 32	29° 9'58	14°50	13°35	24°42	15° 7	17°42	2° 2	28°26	10° 5	17°35	7°10	7°35	16°30	n.a.	M29
T 30	2 4 28	0♏11'00	27°55	15° 5	25°57	14°48	17°49	2° 6	28°30	10° 6	17°34	7°R10	7°32	16°37	n.a.	T 30
W31	2 8 25	1♏12'02	11♒23	16♎35	27♏11	14♈30	17♌57	2♑11	28♍33	10♑ 7	17♓33	7♏10	7♏28	16♎43	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	0s20	19s14	4n25	0s15	0s42	7s41	0n11	8n 8	1s48	18n 1	1n 1	24s 1	0s15	1n55	0n40	23s21	0n 3	20s51	17s35	14s17	14s43	7s25			n.a.
T 2	0 45	17 33	4 56	0n34	0 22	8 12	0 9	8 4	1 46	17 58	1 2	24 2	0 15	1 54	0 40	23 21	0 3	20 52	17 35	14 17	14 42	7 26			n.a.
W 3	1 9	14 51	5 11	1 21	0 1	8 43	0 6	7 59	1 43	17 55	1 2	24 2	0 15	1 52	0 40	23 21	0 3	20 52	17 35	14 16	14 41	7 28			n.a.
T 4	1 33	11 12	5 9	2 5	0n19	9 13	0 4	7 54	1 41	17 52	1 2	24 2	0 16	1 51	0 40	23 21	0 3	20 52	17 35	14 15	14 40	7 30			n.a.
F 5	1 58	6 47	4 47	2 44	0 38	9 43	0 1	7 50	1 38	17 50	1 2	24 2	0 16	1 49	0 40	23 21	0 3	20 53	17 35	14 13	14 39	7 32			n.a.
S 6	2 22	1 50	4 5	3 17	0 55	10 13	0s 1	7 45	1 35	17 47	1 2	24 2	0 16	1 48	0 40	23 21	0 3	20 53	17 34	14 11	14 38	7 34			n.a.
S 7	2 46	3n19	3 5	3 44	1 11	10 43	0 4	7 39	1 33	17 44	1 2	24 2	0 16	1 46	0 40	23 21	0 3	20 53	17 34	14 10	14 37	7 36			n.a.
M 8	3 10	8 17	1 52	4 6	1 25	11 13	0 6	7 34	1 30	17 41	1 3	24 2	0 16	1 45	0 40	23 21	0 3	20 54	17 34	14 9	14 36	7 38			n.a.
T 9	3 34	12 42	0 31	4 20	1 38	11 42	0 9	7 29	1 27	17 38	1 3	24 2	0 16	1 43	0 40	23 21	0 3	20 54	17 34	14 9	14 35	7 40			n.a.
W10	3 59	16 13	0s51	4 29	1 48	12 11	0 12	7 23	1 25	17 36	1 3	24 2	0 16	1 42	0 40	23 21	0 3	20 54	17 34	14 9	14 34	7 42			n.a.
T 11	4 23	18 36	2 8	4 32	1 57	12 40	0 14	7 18	1 22	17 33	1 3	24 2	0 16	1 40	0 40	23 21	0 3	20 55	17 34	14 9	14 33	7 43			n.a.
F 12	4 47	19 44	3 14	4 29	2 4	13 8	0 17	7 12	1 19	17 30	1 4	24 2	0 16	1 39	0 40	23 21	0 3	20 55	17 34	14 10	14 31	7 45			n.a.
S 13	5 11	19 38	4 8	4 21	2 10	13 36	0 20	7 6	1 16	17 27	1 4	24 2	0 16	1 37	0 40	23 21	0 3	20 55	17 33	14 10	14 30	7 47			n.a.
S 14	5 35	18 27	4 46	4 9	2 14	14 4	0 22	7 0	1 13	17 25	1 4	24 2	0 16	1 36	0 40	23 21	0 3	20 55	17 33	14 10	14 29	7 49			n.a.
M15	5 58	16 20	5 8	3 52	2 17	14 31	0 25	6 54	1 10	17 22	1 4	24 2	0 16	1 34	0 40	23 21	0 3	20 56	17 33	14 10	14 28	7 51			n.a.
T 16	6 22	13 29	5 15	3 31	2 19	14 58	0 27	6 48	1 7	17 19	1 4	24 2	0 16	1 33	0 40	23 21	0 3	20 56	17 33	14 10	14 27	7 53			n.a.
W17	6 46	10 6	5 8	3 8	2 19	15 25	0 30	6 42	1 4	17 17	1 5	24 2	0 16	1 31	0 40	23 21	0 3	20 56	17 33	14 9	14 26	7 55			n.a.
T 18	7 9	6 21	4 46	2 41	2 19	15 51	0 33	6 36	1 1	17 14	1 5	24 2	0 16	1 30	0 40	23 21	0 2	20 56	17 32	14 8	14 25	7 57			n.a.
F 19	7 33	2 24	4 12	2 12	2 18	16 17	0 35	6 31	0 58	17 12	1 5	24 2	0 16	1 29	0 40	23 21	0 2	20 57	17 32	14 7	14 24	7 58			n.a.
S 20	7 56	1s37	3 28	1 40	2 16	16 43	0 38	6 25	0 55	17 9	1 5	24 2	0 16	1 27	0 40	23 21	0 2	20 57	17 32	14 6	14 23	8 0			n.a.
S 21	8 19	5 34	2 34	1 7	2 13	17 8	0 40	6 19	0 52	17 7	1 6	24 2	0 16	1 26	0 40	23 21	0 2	20 57	17 32	14 5	14 22	8 2			n.a.
M22	8 42	9 17	1 35	0 32	2 10	17 32	0 43	6 13	0 49	17 4	1 6	24 2	0 17	1 24	0 40	23 21	0 2	20 57	17 32	14 4	14 21	8 4			n.a.
T 23	9 5	12 40	0 31	0s 4	2 6	17 56	0 45	6 7	0 46	17 2	1 6	24 2	0 17	1 23	0 40	23 21	0 2	20 57	17 31	14 4	14 20	8 6			n.a.
W24	9 28	15 32	0n35	0 41	2 1	18 20	0 48	6 2	0 43	17 0	1 6	24 2	0 17	1 21	0 40	23 21	0 2	20 57	17 31	14 4	14 19	8 8			n.a.
T 25	9 51	17 45	1 40	1 20	1 57	18 43	0 50	5 57	0 40	16 57	1 6	24 2	0 17	1 20	0 40	23 21	0 2	20 58	17 31	14 4	14 18	8 9			n.a.
F 26	10 13	19 12	2 41	1 59	1 52	19 6	0 53	5 51	0 37	16 55	1 7	24 2	0 17	1 19	0 40	23 21	0 2	20 58	17 31	14 5	14 17	8 11			n.a.
S 27	10 36	19 47	3 35	2 38	1 46	19 28	0 55	5 46	0 34	16 53	1 7	24 2	0 17	1 17	0 40	23 21	0 2	20 58	17 31	14 5	14 16	8 13			n.a.
S 28	10 58	19 25	4 21	3 18	1 40	19 49	0 58	5 41	0 31	16 51	1 7	24 2	0 17	1 16	0 40	23 21	0 2	20 58	17 30	14 5	14 15	8 15			n.a.
M29	11 20	18 3	4 54	3 59	1 34	20 10	1 0	5 36	0 28	16 49	1 7	24 2	0 17	1 15	0 40	23 20	0 2	20 58	17 30	14 6	14 14	8 17			n.a.
T 30	11 41	15 44	5 14	4 40	1 28	20 31	1 2	5 32	0 25	16 46	1 8	24 2	0 17	1 13	0 40	23 20	0 2	20 58	17 30	14 6	14 13	8 19			n.a.
W31	12s 3	12s31	5n17	5s21	1n22	20s51	1s 5	5n28	0s22	16n44	1n 8	24s 2	0s17	1n12	0n40	23s20	0n 2	20s58	17s29	14s 6	14s12	8s21			n.a.

Julian Day Number = 1491223.5, Delta T = 05h14m32s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'40, Lahiri = -12°39'40 Julian Calendar 1 Oct. 631 BCE == Greg. Calendar 24 Sept. 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

NOVEMBER 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 12 21	2♏13'05	25♒16	18♎ 6	28♏26	14°R13	18♌ 4	2♑15	28♍36	10♑ 8	17°R33	7°R10	7♏25	16♎50	n.a.	T 1
F 2	2 16 18	3°14'09	9♓34	19°37	29°40	13♈56	18°11	2°20	28°40	10°10	17♓32	7♏ 9	7°22	16°57	n.a.	F 2
S 3	2 20 14	4°15'13	24°14	21° 9	0♐55	13°40	18°18	2°25	28°43	10°11	17°31	7° 9	7°19	17° 3	n.a.	S 3
S 4	2 24 11	5°16'18	9♈13	22°41	2° 9	13°25	18°25	2°30	28°46	10°12	17°30	7° 9	7°16	17°10	n.a.	S 4
M 5	2 28 7	6°17'24	24°21	24°13	3°23	13°10	18°32	2°35	28°49	10°13	17°30	7° 9	7°12	17°16	n.a.	M 5
T 6	2 32 4	7°18'31	9♉31	25°45	4°38	12°56	18°39	2°40	28°53	10°14	17°29	7° 9	7° 9	17°23	n.a.	T 6
W 7	2 36 1	8°19'38	24°33	27°18	5°52	12°43	18°45	2°45	28°56	10°16	17°28	7° 9	7° 6	17°30	n.a.	W 7
T 8	2 39 57	9°20'47	9♊18	28°50	7° 7	12°31	18°51	2°50	28°59	10°17	17°28	7° 8	7° 3	17°36	n.a.	T 8
F 9	2 43 54	10°21'56	23°40	0♏23	8°21	12°20	18°57	2°56	29° 2	10°18	17°27	7° 8	7° 0	17°43	n.a.	F 9
S 10	2 47 50	11°23'06	7♋36	1°56	9°35	12° 9	19° 3	3° 1	29° 5	10°20	17°26	7° 8	6°57	17°50	n.a.	S 10
S 11	2 51 47	12°24'18	21° 3	3°29	10°50	11°59	19° 9	3° 6	29° 8	10°21	17°26	7° 7	6°53	17°56	n.a.	S 11
M12	2 55 43	13°25'30	4♌ 5	5° 2	12° 4	11°50	19°15	3°12	29°11	10°22	17°25	7° 7	6°50	18° 3	n.a.	M12
T 13	2 59 40	14°26'42	16°44	6°35	13°18	11°42	19°21	3°17	29°14	10°24	17°25	7°D 7	6°47	18°10	n.a.	T 13
W14	3 3 36	15°27'56	29° 3	8° 9	14°33	11°35	19°26	3°23	29°17	10°25	17°24	7° 7	6°44	18°16	n.a.	W14
T 15	3 7 33	16°29'10	11♍ 7	9°42	15°47	11°28	19°31	3°29	29°20	10°27	17°24	7° 8	6°41	18°23	n.a.	T 15
F 16	3 11 30	17°30'25	23° 2	11°16	17° 1	11°22	19°36	3°34	29°23	10°28	17°23	7° 9	6°38	18°30	n.a.	F 16
S 17	3 15 26	18°31'41	4♎51	12°50	18°15	11°17	19°41	3°40	29°25	10°30	17°23	7°10	6°34	18°36	n.a.	S 17
S 18	3 19 23	19°32'57	16°38	14°24	19°29	11°13	19°46	3°46	29°28	10°31	17°22	7°11	6°31	18°43	n.a.	S 18
M19	3 23 19	20°34'14	28°26	15°58	20°44	11°10	19°50	3°52	29°31	10°33	17°22	7°12	6°28	18°50	n.a.	M19
T 20	3 27 16	21°35'31	10♏19	17°32	21°58	11° 8	19°55	3°58	29°34	10°35	17°21	7°R12	6°25	18°56	n.a.	T 20
W21	3 31 12	22°36'49	22°18	19° 7	23°12	11° 6	19°59	4° 4	29°36	10°36	17°21	7°11	6°22	19° 3	n.a.	W21
T 22	3 35 9	23°38'07	4♐25	20°42	24°26	11° 5	20° 3	4°10	29°39	10°38	17°20	7°10	6°18	19°10	n.a.	T 22
F 23	3 39 5	24°39'24	16°42	22°17	25°40	11°D 5	20° 7	4°16	29°41	10°40	17°20	7° 8	6°15	19°16	n.a.	F 23
S 24	3 43 2	25°40'42	29°11	23°52	26°54	11° 6	20°10	4°22	29°44	10°41	17°20	7° 5	6°12	19°23	n.a.	S 24
S 25	3 46 59	26°42'00	11♑52	25°27	28° 8	11° 7	20°14	4°28	29°46	10°43	17°19	7° 2	6° 9	19°30	n.a.	S 25
M26	3 50 55	27°43'18	24°46	27° 3	29°22	11°10	20°17	4°35	29°49	10°45	17°19	6°59	6° 6	19°36	n.a.	M26
T 27	3 54 52	28°44'36	7♒56	28°39	0♑36	11°13	20°20	4°41	29°51	10°47	17°19	6°56	6° 3	19°43	n.a.	T 27
W28	3 58 48	29°45'53	21°22	0♐16	1°50	11°16	20°23	4°47	29°54	10°49	17°19	6°55	5°59	19°50	n.a.	W28
T 29	4 2 45	0♐47'10	5♓ 6	1°53	3° 4	11°21	20°26	4°54	29°56	10°50	17°18	6°D55	5°56	19°56	n.a.	T 29
F 30	4 6 41	1♐48'26	19♓ 7	3♐30	4♑17	11♈26	20♌28	5♑ 0	29♍58	10♑52	17♓18	6♏56	5♏53	20♎ 3	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s25	8s32	5n 2	6s 2	1n16	21s10	1s 7	5n23	0s19	16n42	1n 8	24s 2	0s17	1n11	0n40	23s20	0n 2	20s58	17s29	14s 6	14s11	8s22		n.a.
F 2	12 46	3 57	4 29	6 43	1 9	21 29	1 9	5 19	0 16	16 40	1 8	24 2	0 17	1 9	0 40	23 20	0 2	20 58	17 29	14 5	14 10	8 24		n.a.
S 3	13 7	1n 0	3 37	7 24	1 2	21 47	1 11	5 16	0 13	16 38	1 9	24 2	0 17	1 8	0 40	23 20	0 2	20 58	17 29	14 5	14 9	8 26		n.a.
S 4	13 28	5 59	2 29	8 5	0 56	22 5	1 13	5 12	0 10	16 36	1 9	24 2	0 17	1 7	0 40	23 20	0 2	20 59	17 28	14 5	14 7	8 28		n.a.
M 5	13 48	10 40	1 11	8 46	0 49	22 22	1 16	5 9	0 8	16 35	1 9	24 2	0 17	1 5	0 40	23 20	0 2	20 59	17 28	14 5	14 6	8 30		n.a.
T 6	14 8	14 39	0s13	9 26	0 42	22 38	1 18	5 6	0 5	16 33	1 10	24 2	0 17	1 4	0 40	23 20	0 2	20 59	17 28	14 5	14 5	8 31		n.a.
W 7	14 28	17 38	1 35	10 6	0 35	22 53	1 20	5 3	0 2	16 31	1 10	24 2	0 17	1 3	0 40	23 20	0 2	20 59	17 28	14 5	14 4	8 33		n.a.
T 8	14 48	19 21	2 50	10 46	0 28	23 8	1 22	5 1	0n 0	16 29	1 10	24 2	0 18	1 2	0 40	23 20	0 2	20 59	17 27	14 5	14 3	8 35		n.a.
F 9	15 8	19 46	3 51	11 26	0 21	23 23	1 24	4 59	0 3	16 28	1 10	24 2	0 18	1 0	0 40	23 20	0 2	20 59	17 27	14 5	14 2	8 37		n.a.
S 10	15 27	18 56	4 37	12 5	0 15	23 36	1 26	4 57	0 5	16 26	1 11	24 2	0 18	0 59	0 40	23 19	0 2	20 59	17 27	14 5	14 1	8 39		n.a.
S 11	15 46	17 4	5 6	12 44	0 8	23 49	1 27	4 55	0 8	16 24	1 11	24 2	0 18	0 58	0 40	23 19	0 2	20 58	17 26	14 5	14 0	8 41		n.a.
M12	16 5	14 21	5 18	13 22	0 1	24 1	1 29	4 54	0 10	16 23	1 11	24 2	0 18	0 57	0 40	23 19	0 2	20 58	17 26	14 5	13 59	8 42		n.a.
T 13	16 24	11 3	5 14	13 59	0s 6	24 13	1 31	4 53	0 13	16 21	1 11	24 1	0 18	0 56	0 40	23 19	0 2	20 58	17 26	14 5	13 58	8 44		n.a.
W14	16 42	7 21	4 55	14 37	0 12	24 23	1 33	4 52	0 15	16 20	1 12	24 1	0 18	0 54	0 41	23 19	0 2	20 58	17 25	14 5	13 57	8 46		n.a.
T 15	17 0	3 26	4 24	15 13	0 19	24 34	1 34	4 52	0 17	16 18	1 12	24 1	0 18	0 53	0 41	23 19	0 2	20 58	17 25	14 5	13 56	8 48		n.a.
F 16	17 17	0s35	3 42	15 49	0 25	24 43	1 36	4 51	0 19	16 17	1 12	24 1	0 18	0 52	0 41	23 19	0 2	20 58	17 25	14 5	13 55	8 50		n.a.
S 17	17 35	4 33	2 50	16 24	0 32	24 51	1 37	4 51	0 22	16 16	1 13	24 1	0 18	0 51	0 41	23 19	0 2	20 58	17 24	14 6	13 54	8 51		n.a.
S 18	17 52	8 20	1 52	16 59	0 38	24 59	1 39	4 52	0 24	16 15	1 13	24 1	0 18	0 50	0 41	23 19	0 2	20 58	17 24	14 6	13 53	8 53		n.a.
M19	18 8	11 49	0 48	17 33	0 44	25 6	1 40	4 52	0 26	16 13	1 13	24 1	0 18	0 49	0 41	23 19	0 2	20 58	17 24	14 6	13 52	8 55		n.a.
T 20	18 25	14 51	0n17	18 6	0 50	25 12	1 41	4 53	0 28	16 12	1 13	24 1	0 18	0 48	0 41	23 18	0 2	20 58	17 23	14 6	13 51	8 57		n.a.
W21	18 41	17 16	1 23	18 38	0 56	25 18	1 43	4 54	0 30	16 11	1 14	24 1	0 18	0 47	0 41	23 18	0 2	20 57	17 23	14 6	13 50	8 59		n.a.
T 22	18 56	18 56	2 25	19 10	1 2	25 23	1 44	4 56	0 32	16 10	1 14	24 0	0 18	0 46	0 41	23 18	0 2	20 57	17 23	14 6	13 48	9 0		n.a.
F 23	19 12	19 45	3 22	19 40	1 7	25 27	1 45	4 58	0 34	16 9	1 14	24 0	0 18	0 45	0 41	23 18	0 2	20 57	17 22	14 5	13 47	9 2		n.a.
S 24	19 27	19 37	4 9	20 10	1 13	25 30	1 46	5 0	0 36	16 8	1 15	24 0	0 18	0 44	0 41	23 18	0 2	20 57	17 22	14 4	13 46	9 4		n.a.
S 25	19 41	18 29	4 46	20 39	1 18	25 32	1 47	5 2	0 37	16 7	1 15	24 0	0 18	0 43	0 41	23 18	0 2	20 57	17 22	14 3	13 45	9 6		n.a.
M26	19 55	16 25	5 8	21 7	1 23	25 34	1 48	5 4	0 39	16 7	1 15	24 0	0 19	0 42	0 41	23 18	0 2	20 57	17 21	14 2	13 44	9 7		n.a.
T 27	20 9	13 27	5 15	21 33	1 27	25 35	1 49	5 7	0 41	16 6	1 16	24 0	0 19	0 41	0 41	23 18	0 2	20 56	17 21	14 1	13 43	9 9		n.a.
W28	20 23	9 45	5 6	21 59	1 32	25 35	1 49	5 10	0 42	16 5	1 16	24 0	0 19	0 40	0 41	23 17	0 2	20 56	17 21	14 1	13 42	9 11		n.a.
T 29	20 36	5 28	4 38	22 24	1 36	25 34	1 50	5 13	0 44	16 5	1 16	23 59	0 19	0 39	0 41	23 17	0 2	20 56	17 20	14 1	13 41	9 13		n.a.
F 30	20s48	0s47	3n54	22s47	1s40	25s32	1s51	5n17	0n46	16n 4	1n16	23s59	0s19	0n38	0n41	23s17	0n 2	20s56	17s20	14s 1	13s40	9s15		n.a.

Julian Day Number = 1491254.5, Delta T = 05h14m31s
Ecliptic obliquity = 23°46'09, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'36, Lahiri = -12°39'35 Julian Calendar 1 Nov. 631 BCE == Greg. Calendar 25 Oct. 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 631 BCE
geocentric

DECEMBER 631 BCE (-630) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 10 38	2♐49'42	3♈26	5♐ 7	5♑31	11♈32	20♌31	5♑ 7	0♎ 0	10♑54	17°R18	6♏57	5♏50	20♎ 9	n.a.	S 1
S 2	4 14 34	3°50'57	18° 0	6°45	6°45	11°39	20°33	5°13	0° 3	10°56	17♓18	6°59	5°47	20°16	n.a.	S 2
M 3	4 18 31	4°52'12	2♉46	8°23	7°59	11°46	20°35	5°20	0° 5	10°58	17°18	6°R59	5°44	20°23	n.a.	M 3
T 4	4 22 28	5°53'27	17°36	10° 2	9°12	11°54	20°37	5°26	0° 7	11° 0	17°18	6°59	5°40	20°29	n.a.	T 4
W 5	4 26 24	6°54'41	2♊25	11°41	10°26	12° 3	20°39	5°33	0° 9	11° 2	17°17	6°57	5°37	20°36	n.a.	W 5
T 6	4 30 21	7°55'55	17° 5	13°20	11°39	12°12	20°40	5°40	0°11	11° 4	17°17	6°54	5°34	20°43	n.a.	T 6
F 7	4 34 17	8°57'08	1♋27	15° 0	12°53	12°22	20°41	5°46	0°13	11° 6	17°17	6°49	5°31	20°49	n.a.	F 7
S 8	4 38 14	9°58'21	15°27	16°40	14° 6	12°32	20°42	5°53	0°15	11° 8	17°17	6°44	5°28	20°56	n.a.	S 8
S 9	4 42 10	10°59'34	29° 2	18°20	15°20	12°43	20°43	6° 0	0°17	11°10	17°D17	6°38	5°24	21° 3	n.a.	S 9
M10	4 46 7	12° 0'47	12♌11	20° 0	16°33	12°55	20°44	6° 7	0°18	11°12	17°17	6°34	5°21	21° 9	n.a.	M10
T 11	4 50 4	13° 1'59	24°55	21°41	17°46	13° 7	20°44	6°14	0°20	11°14	17°17	6°30	5°18	21°16	n.a.	T 11
W12	4 54 0	14° 3'11	7♍18	23°22	19° 0	13°20	20°45	6°21	0°22	11°16	17°17	6°29	5°15	21°23	n.a.	W12
T 13	4 57 57	15° 4'23	19°25	25° 3	20°13	13°33	20°R45	6°27	0°23	11°18	17°18	6°D28	5°12	21°29	n.a.	T 13
F 14	5 1 53	16° 5'34	1♎19	26°44	21°26	13°47	20°45	6°34	0°25	11°20	17°18	6°30	5° 9	21°36	n.a.	F 14
S 15	5 5 50	17° 6'44	13° 8	28°26	22°39	14° 1	20°44	6°41	0°27	11°22	17°18	6°31	5° 5	21°43	n.a.	S 15
S 16	5 9 46	18° 7'54	24°54	0♑ 6	23°52	14°16	20°44	6°48	0°28	11°24	17°18	6°33	5° 2	21°49	n.a.	S 16
M17	5 13 43	19° 9'04	6♏44	1°47	25° 5	14°32	20°43	6°55	0°30	11°26	17°18	6°R33	4°59	21°56	n.a.	M17
T 18	5 17 39	20°10'13	18°42	3°27	26°18	14°47	20°42	7° 2	0°31	11°29	17°18	6°33	4°56	22° 3	n.a.	T 18
W19	5 21 36	21°11'22	0♐50	5° 6	27°31	15° 4	20°41	7° 9	0°32	11°31	17°19	6°30	4°53	22° 9	n.a.	W19
T 20	5 25 33	22°12'29	13°10	6°45	28°44	15°21	20°40	7°17	0°34	11°33	17°19	6°24	4°50	22°16	n.a.	T 20
F 21	5 29 29	23°13'36	25°45	8°22	29°57	15°38	20°39	7°24	0°35	11°35	17°19	6°17	4°46	22°22	n.a.	F 21
S 22	5 33 26	24°14'42	8♑34	9°57	1♒ 9	15°56	20°37	7°31	0°36	11°37	17°19	6° 8	4°43	22°29	n.a.	S 22
S 23	5 37 22	25°15'46	21°37	11°31	2°22	16°14	20°35	7°38	0°37	11°40	17°20	5°59	4°40	22°36	n.a.	S 23
M24	5 41 19	26°16'50	4♒53	13° 2	3°34	16°32	20°33	7°45	0°38	11°42	17°20	5°50	4°37	22°42	n.a.	M24
T 25	5 45 15	27°17'52	18°20	14°30	4°47	16°51	20°31	7°52	0°39	11°44	17°20	5°43	4°34	22°49	n.a.	T 25
W26	5 49 12	28°18'53	1♓58	15°54	5°59	17°11	20°29	7°59	0°40	11°46	17°21	5°38	4°30	22°56	n.a.	W26
T 27	5 53 9	29°19'52	15°45	17°15	7°12	17°31	20°26	8° 7	0°41	11°48	17°21	5°35	4°27	23° 2	n.a.	T 27
F 28	5 57 5	0♑20'50	29°42	18°30	8°24	17°51	20°23	8°14	0°42	11°51	17°22	5°D34	4°24	23° 9	n.a.	F 28
S 29	6 1 2	1°21'46	13♈47	19°40	9°36	18°12	20°20	8°21	0°43	11°53	17°22	5°34	4°21	23°16	n.a.	S 29
S 30	6 4 58	2°22'41	28° 0	20°44	10°48	18°33	20°17	8°28	0°43	11°55	17°23	5°35	4°18	23°22	n.a.	S 30
M31	6 8 55	3♑23'35	12♉19	21♑40	12♒ 0	18♈54	20♌14	8♑36	0♎44	11♑57	17♓23	5°R35	4♏15	23♎29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s 1	4n 3	2n54	23s 9	1s44	25s30	1s51	5n21	0n47	16n 4	1n17	23s59	0s19	0n37	0n41	23s17	0n 2	20s55	17s19	14s 1	13s39	9s16		n.a.
S 2	21 13	8 44	1 43	23 30	1 48	25 27	1 51	5 25	0 49	16 3	1 17	23 59	0 19	0 36	0 41	23 17	0 2	20 55	17 19	14 2	13 38	9 18		n.a.
M 3	21 24	12 58	0 23	23 50	1 51	25 23	1 52	5 29	0 50	16 3	1 17	23 59	0 19	0 36	0 41	23 17	0 2	20 55	17 19	14 2	13 37	9 20		n.a.
T 4	21 35	16 23	0s58	24 8	1 54	25 18	1 52	5 33	0 51	16 3	1 18	23 58	0 19	0 35	0 41	23 17	0 2	20 55	17 18	14 2	13 36	9 22		n.a.
W 5	21 46	18 43	2 15	24 25	1 57	25 13	1 52	5 38	0 53	16 2	1 18	23 58	0 19	0 34	0 41	23 16	0 2	20 54	17 18	14 1	13 35	9 23		n.a.
T 6	21 56	19 47	3 22	24 41	1 59	25 7	1 52	5 43	0 54	16 2	1 18	23 58	0 19	0 33	0 41	23 16	0 2	20 54	17 18	14 0	13 33	9 25		n.a.
F 7	22 6	19 30	4 15	24 55	2 1	25 0	1 52	5 48	0 55	16 2	1 19	23 58	0 19	0 32	0 41	23 16	0 2	20 54	17 17	13 59	13 32	9 27		n.a.
S 8	22 15	18 2	4 51	25 7	2 2	24 52	1 52	5 53	0 57	16 2	1 19	23 57	0 19	0 32	0 41	23 16	0 2	20 53	17 17	13 57	13 31	9 29		n.a.
S 9	22 24	15 35	5 10	25 18	2 4	24 44	1 52	5 59	0 58	16 2	1 19	23 57	0 19	0 31	0 41	23 16	0 2	20 53	17 17	13 55	13 30	9 30		n.a.
M10	22 32	12 24	5 11	25 27	2 4	24 35	1 52	6 4	0 59	16 2	1 20	23 57	0 19	0 30	0 41	23 16	0 2	20 53	17 16	13 54	13 29	9 32		n.a.
T 11	22 41	8 44	4 56	25 34	2 4	24 25	1 52	6 10	1 0	16 2	1 20	23 57	0 19	0 30	0 41	23 15	0 2	20 52	17 16	13 52	13 28	9 34		n.a.
W12	22 48	4 48	4 28	25 40	2 4	24 14	1 51	6 16	1 1	16 2	1 20	23 56	0 20	0 29	0 41	23 15	0 2	20 52	17 15	13 52	13 27	9 36		n.a.
T 13	22 55	0 45	3 49	25 44	2 3	24 3	1 51	6 23	1 2	16 3	1 20	23 56	0 20	0 28	0 41	23 15	0 2	20 52	17 15	13 52	13 26	9 37		n.a.
F 14	23 2	3s17	3 0	25 46	2 2	23 51	1 50	6 29	1 3	16 3	1 21	23 56	0 20	0 28	0 41	23 15	0 2	20 51	17 15	13 52	13 25	9 39		n.a.
S 15	23 8	7 9	2 4	25 46	2 0	23 38	1 49	6 36	1 4	16 3	1 21	23 56	0 20	0 27	0 41	23 15	0 2	20 51	17 14	13 53	13 24	9 41		n.a.
S 16	23 14	10 45	1 3	25 44	1 58	23 25	1 49	6 42	1 5	16 4	1 21	23 55	0 20	0 27	0 41	23 15	0 2	20 50	17 14	13 53	13 23	9 42		n.a.
M17	23 19	13 56	0n 1	25 40	1 55	23 11	1 48	6 49	1 6	16 4	1 22	23 55	0 20	0 26	0 41	23 14	0 2	20 50	17 14	13 53	13 22	9 44		n.a.
T 18	23 24	16 35	1 5	25 34	1 51	22 56	1 47	6 56	1 7	16 5	1 22	23 55	0 20	0 25	0 41	23 14	0 2	20 50	17 13	13 53	13 21	9 46		n.a.
W19	23 28	18 31	2 8	25 26	1 46	22 40	1 46	7 4	1 8	16 6	1 22	23 54	0 20	0 25	0 42	23 14	0 2	20 49	17 13	13 52	13 20	9 48		n.a.
T 20	23 32	19 38	3 5	25 17	1 41	22 24	1 45	7 11	1 9	16 6	1 23	23 54	0 20	0 24	0 42	23 14	0 2	20 49	17 12	13 50	13 18	9 49		n.a.
F 21	23 36	19 48	3 54	25 5	1 35	22 8	1 44	7 19	1 10	16 7	1 23	23 54	0 20	0 24	0 42	23 14	0 2	20 48	17 12	13 48	13 17	9 51		n.a.
S 22	23 38	18 57	4 33	24 51	1 28	21 50	1 42	7 26	1 11	16 8	1 23	23 53	0 20	0 24	0 42	23 14	0 2	20 48	17 12	13 45	13 16	9 53		n.a.
S 23	23 41	17 7	4 58	24 36	1 20	21 32	1 41	7 34	1 12	16 9	1 24	23 53	0 20	0 23	0 42	23 13	0 2	20 47	17 11	13 42	13 15	9 54		n.a.
M24	23 43	14 21	5 7	24 19	1 12	21 14	1 39	7 42	1 12	16 10	1 24	23 53	0 20	0 23	0 42	23 13	0 2	20 47	17 11	13 39	13 14	9 56		n.a.
T 25	23 44	10 48	5 0	24 0	1 2	20 55	1 38	7 50	1 13	16 11	1 24	23 52	0 20	0 22	0 42	23 13	0 2	20 46	17 11	13 37	13 13	9 58		n.a.
W26	23 45	6 38	4 35	23 40	0 52	20 35	1 36	7 58	1 14	16 12	1 24	23 52	0 20	0 22	0 42	23 13	0 2	20 46	17 10	13 35	13 12	10 0		n.a.
T 27	23 46	2 5	3 55	23 18	0 40	20 15	1 34	8 7	1 15	16 13	1 25	23 52	0 21	0 22	0 42	23 13	0 2	20 45	17 10	13 34	13 11	10 1		n.a.
F 28	23 46	2n38	3 0	22 56	0 28	19 54	1 33	8 15	1 15	16 14	1 25	23 51	0 21	0 21	0 42	23 12	0 2	20 45	17 10	13 33	13 10	10 3		n.a.
S 29	23 46	7 16	1 54	22 33	0 15	19 33	1 31	8 24	1 16	16 15	1 25	23 51	0 21	0 21	0 42	23 12	0 2	20 44	17 9	13 34	13 9	10 5		n.a.
S 30	23 45	11 32	0 41	22 9	0 0	19 11	1 29	8 33	1 17	16 16	1 26	23 50	0 21	0 21	0 42	23 12	0 2	20 44	17 9	13 34	13 8	10 6		n.a.
M31	23s43	15n10	0s36	21s45	0n15	18s49	1s27	8n41	1n17	16n18	1n26	23s50	0s21	0n21	0n42	23s12	0n 2	20s43	17s 8	13s34	13s 7	10s 8		n.a.

Julian Day Number = 1491284.5, Delta T = 05h14m29s
Ecliptic obliquity = 23°46'09, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'32, Lahiri = -12°39'31 Julian Calendar 1 Dec. 631 BCE == Greg. Calendar 24 Nov. 631 BCE

The year -630 astronomical counting style corresponds to year 631 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

JANUARY 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 12 51	4♑24'26	26♉42	22♑28	13♒12	19♈15	20°R10	8♑43	0♎45	12♑ 0	17♓24	5°R33	4♏11	23♎36	n.a.	T 1
W 2	6 16 48	5°25'17	11♊ 5	23° 8	14°24	19°37	20♌ 7	8°50	0°45	12° 2	17°24	5♏29	4° 8	23°42	n.a.	W 2
T 3	6 20 44	6°26'05	25°22	23°38	15°35	20° 0	20° 3	8°57	0°46	12° 4	17°25	5°21	4° 5	23°49	n.a.	T 3
F 4	6 24 41	7°26'53	9♋28	23°59	16°47	20°22	19°59	9° 5	0°46	12° 6	17°25	5°12	4° 2	23°56	n.a.	F 4
S 5	6 28 38	8°27'39	23°18	24°R 8	17°58	20°45	19°55	9°12	0°47	12° 9	17°26	5° 1	3°59	24° 2	n.a.	S 5
S 6	6 32 34	9°28'23	6♌48	24° 7	19°10	21° 9	19°50	9°19	0°47	12°11	17°26	4°50	3°56	24° 9	n.a.	S 6
M 7	6 36 31	10°29'06	19°56	23°55	20°21	21°32	19°46	9°26	0°47	12°13	17°27	4°40	3°52	24°16	n.a.	M 7
T 8	6 40 27	11°29'48	2♍42	23°33	21°32	21°56	19°41	9°34	0°47	12°16	17°28	4°31	3°49	24°22	n.a.	T 8
W 9	6 44 24	12°30'28	15° 7	23° 0	22°43	22°20	19°36	9°41	0°48	12°18	17°28	4°25	3°46	24°29	n.a.	W 9
T 10	6 48 20	13°31'08	27°16	22°18	23°54	22°44	19°31	9°48	0°48	12°20	17°29	4°22	3°43	24°35	n.a.	T 10
F 11	6 52 17	14°31'45	9♎12	21°27	25° 5	23° 9	19°26	9°55	0°48	12°22	17°30	4°20	3°40	24°42	n.a.	F 11
S 12	6 56 13	15°32'22	21° 1	20°30	26°15	23°34	19°21	10° 3	0°R48	12°25	17°31	4°D20	3°36	24°49	n.a.	S 12
S 13	7 0 10	16°32'57	2♏49	19°27	27°26	23°59	19°15	10°10	0°48	12°27	17°31	4°R20	3°33	24°55	n.a.	S 13
M14	7 4 7	17°33'30	14°40	18°21	28°37	24°25	19°10	10°17	0°48	12°29	17°32	4°20	3°30	25° 2	n.a.	M14
T 15	7 8 3	18°34'02	26°41	17°13	29°47	24°50	19° 4	10°24	0°47	12°31	17°33	4°18	3°27	25° 9	n.a.	T 15
W16	7 12 0	19°34'33	8♐55	16° 5	0♓57	25°16	18°58	10°32	0°47	12°34	17°34	4°13	3°24	25°15	n.a.	W16
T 17	7 15 56	20°35'02	21°26	14°59	2° 7	25°42	18°52	10°39	0°47	12°36	17°35	4° 5	3°21	25°22	n.a.	T 17
F 18	7 19 53	21°35'30	4♑16	13°56	3°17	26° 9	18°46	10°46	0°47	12°38	17°35	3°55	3°17	25°29	n.a.	F 18
S 19	7 23 49	22°35'55	17°25	12°57	4°27	26°35	18°40	10°53	0°46	12°41	17°36	3°43	3°14	25°35	n.a.	S 19
S 20	7 27 46	23°36'19	0♒51	12° 4	5°37	27° 2	18°33	11° 0	0°46	12°43	17°37	3°30	3°11	25°42	n.a.	S 20
M21	7 31 42	24°36'42	14°33	11°17	6°46	27°29	18°27	11° 8	0°45	12°45	17°38	3°18	3° 8	25°49	n.a.	M21
T 22	7 35 39	25°37'02	28°26	10°37	7°55	27°56	18°20	11°15	0°45	12°47	17°39	3° 7	3° 5	25°55	n.a.	T 22
W23	7 39 36	26°37'20	12♓27	10° 4	9° 5	28°24	18°14	11°22	0°44	12°49	17°40	2°58	3° 2	26° 2	n.a.	W23
T 24	7 43 32	27°37'35	26°32	9°39	10°14	28°52	18° 7	11°29	0°44	12°52	17°41	2°53	2°58	26° 9	n.a.	T 24
F 25	7 47 29	28°37'49	10♈38	9°20	11°22	29°19	18° 0	11°36	0°43	12°54	17°42	2°50	2°55	26°15	n.a.	F 25
S 26	7 51 25	29°38'00	24°44	9° 9	12°31	29°47	17°53	11°43	0°42	12°56	17°43	2°50	2°52	26°22	n.a.	S 26
S 27	7 55 22	0♒38'10	8♉49	9°D 4	13°40	0♉16	17°46	11°50	0°41	12°58	17°44	2°50	2°49	26°28	n.a.	S 27
M28	7 59 18	1°38'17	22°52	9° 6	14°48	0°44	17°39	11°57	0°41	13° 0	17°45	2°49	2°46	26°35	n.a.	M28
T 29	8 3 15	2°38'21	6♊52	9°15	15°56	1°13	17°31	12° 4	0°40	13° 3	17°46	2°46	2°42	26°42	n.a.	T 29
W30	8 7 11	3°38'24	20°48	9°29	17° 4	1°41	17°24	12°11	0°39	13° 5	17°47	2°41	2°39	26°48	n.a.	W30
T 31	8 11 8	4♒38'24	4♋38	9♑49	18♓12	2♉10	17♌17	12♑18	0♎38	13♑ 7	17♓48	2♏32	2♏36	26♎55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	23s42	17n54	1s51	21s22	0n31	18s26	1s24	8n50	1n18	16n19	1n26	23s50	0s21	0n20	0n42	23s12	0n 2	20s43	17s 8	13s33	13s 5	10s10					n.a.
W 2	23 39	19 29	2 58	20 59	0 47	18 3	1 22	8 59	1 18	16 21	1 26	23 49	0 21	0 20	0 42	23 11	0 1	20 42	17 8	13 32	13 4	10 11					n.a.
T 3	23 37	19 48	3 54	20 37	1 4	17 39	1 20	9 8	1 19	16 22	1 27	23 49	0 21	0 20	0 42	23 11	0 1	20 42	17 7	13 29	13 3	10 13					n.a.
F 4	23 33	18 52	4 34	20 16	1 22	17 15	1 17	9 18	1 20	16 24	1 27	23 48	0 21	0 20	0 42	23 11	0 1	20 41	17 7	13 26	13 2	10 15					n.a.
S 5	23 30	16 50	4 57	19 57	1 39	16 50	1 15	9 27	1 20	16 25	1 27	23 48	0 21	0 20	0 42	23 11	0 1	20 41	17 7	13 22	13 1	10 17					n.a.
S 6	23 26	13 56	5 3	19 40	1 57	16 25	1 12	9 36	1 21	16 27	1 28	23 47	0 21	0 20	0 42	23 11	0 1	20 40	17 6	13 19	13 0	10 18					n.a.
M 7	23 21	10 24	4 53	19 25	2 14	16 0	1 9	9 46	1 21	16 29	1 28	23 47	0 21	0 20	0 42	23 10	0 1	20 40	17 6	13 15	12 59	10 20					n.a.
T 8	23 16	6 29	4 28	19 12	2 31	15 34	1 7	9 55	1 22	16 30	1 28	23 47	0 21	0 20	0 42	23 10	0 1	20 39	17 6	13 12	12 58	10 22					n.a.
W 9	23 10	2 24	3 51	19 2	2 47	15 8	1 4	10 5	1 22	16 32	1 28	23 46	0 22	0 19	0 42	23 10	0 1	20 38	17 5	13 10	12 57	10 23					n.a.
T 10	23 4	1s42	3 4	18 55	3 2	14 41	1 1	10 14	1 23	16 34	1 29	23 46	0 22	0 19	0 42	23 10	0 1	20 38	17 5	13 9	12 56	10 25					n.a.
F 11	22 58	5 41	2 10	18 50	3 15	14 15	0 58	10 24	1 23	16 36	1 29	23 45	0 22	0 19	0 42	23 10	0 1	20 37	17 5	13 8	12 55	10 27					n.a.
S 12	22 51	9 24	1 10	18 47	3 26	13 47	0 54	10 34	1 23	16 38	1 29	23 45	0 22	0 19	0 42	23 9	0 1	20 37	17 4	13 8	12 53	10 28					n.a.
S 13	22 44	12 45	0 8	18 47	3 35	13 20	0 51	10 44	1 24	16 40	1 29	23 44	0 22	0 20	0 42	23 9	0 1	20 36	17 4	13 9	12 52	10 30					n.a.
M14	22 36	15 35	0n55	18 49	3 42	12 52	0 48	10 53	1 24	16 42	1 30	23 44	0 22	0 20	0 42	23 9	0 1	20 35	17 4	13 8	12 51	10 32					n.a.
T 15	22 28	17 48	1 56	18 53	3 47	12 24	0 45	11 3	1 25	16 44	1 30	23 43	0 22	0 20	0 42	23 9	0 1	20 35	17 3	13 8	12 50	10 33					n.a.
W16	22 19	19 15	2 53	18 59	3 50	11 56	0 41	11 13	1 25	16 46	1 30	23 43	0 22	0 20	0 42	23 9	0 1	20 34	17 3	13 6	12 49	10 35					n.a.
T 17	22 10	19 47	3 42	19 6	3 50	11 27	0 38	11 23	1 25	16 48	1 30	23 42	0 22	0 20	0 43	23 8	0 1	20 34	17 3	13 3	12 48	10 36					n.a.
F 18	22 1	19 20	4 22	19 15	3 48	10 58	0 34	11 33	1 26	16 50	1 31	23 42	0 22	0 20	0 43	23 8	0 1	20 33	17 2	13 0	12 47	10 38					n.a.
S 19	21 51	17 51	4 49	19 25	3 44	10 29	0 30	11 44	1 26	16 52	1 31	23 41	0 22	0 20	0 43	23 8	0 1	20 32	17 2	12 56	12 46	10 40					n.a.
S 20	21 40	15 21	5 0	19 35	3 38	9 59	0 27	11 54	1 26	16 55	1 31	23 41	0 22	0 20	0 43	23 8	0 1	20 32	17 2	12 51	12 45	10 41					n.a.
M21	21 30	11 59	4 55	19 47	3 31	9 30	0 23	12 4	1 27	16 57	1 31	23 40	0 22	0 21	0 43	23 8	0 1	20 31	17 2	12 47	12 44	10 43					n.a.
T 22	21 19	7 56	4 32	19 59	3 22	9 0	0 19	12 14	1 27	16 59	1 31	23 40	0 23	0 21	0 43	23 7	0 1	20 30	17 1	12 43	12 42	10 45					n.a.
W23	21 7	3 24	3 53	20 11	3 13	8 30	0 15	12 24	1 27	17 2	1 32	23 39	0 23	0 21	0 43	23 7	0 1	20 30	17 1	12 40	12 41	10 46					n.a.
T 24	20 55	1n20	2 59	20 23	3 2	8 0	0 11	12 35	1 27	17 4	1 32	23 39	0 23	0 22	0 43	23 7	0 1	20 29	17 1	12 38	12 40	10 48					n.a.
F 25	20 43	6 1	1 55	20 36	2 50	7 30	0 7	12 45	1 28	17 6	1 32	23 38	0 23	0 22	0 43	23 7	0 1	20 29	17 0	12 37	12 39	10 50					n.a.
S 26	20 30	10 22	0 43	20 49	2 38	7 0	0 3	12 55	1 28	17 9	1 32	23 37	0 23	0 22	0 43	23 7	0 1	20 28	17 0	12 37	12 38	10 51					n.a.
S 27	20 17	14 8	0s32	21 1	2 26	6 29	0n 2	13 6	1 28	17 11	1 32	23 37	0 23	0 23	0 43	23 6	0 1	20 27	17 0	12 37	12 37	10 53					n.a.
M28	20 4	17 4	1 44	21 14	2 14	5 58	0 6	13 16	1 28	17 13	1 32	23 36	0 23	0 23	0 43	23 6	0 1	20 27	17 0	12 37	12 36	10 54					n.a.
T 29	19 50	18 58	2 50	21 26	2 1	5 28	0 10	13 26	1 29	17 16	1 33	23 36	0 23	0 23	0 43	23 6	0 1	20 26	16 59	12 36	12 35	10 56					n.a.
W30	19 36	19 43	3 45	21 38	1 48	4 57	0 15	13 37	1 29	17 18	1 33	23 35	0 23	0 24	0 43	23 6	0 1	20 25	16 59	12 34	12 34	10 58					n.a.
T 31	19s22	19n15	4s26	21s49	1n35	4s26	0n19	13n47	1n29	17n21	1n33	23s35	0s23	0n24	0n43	23s 6	0n 1	20s25	16s59	12s31	12s33	10s59					n.a.

Julian Day Number = 1491315.5, Delta T = 05h14m28s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'28, Lahiri = -12°39'27 Julian Calendar 1 Jan. 630 BCE == Greg. Calendar 25 Dec. 631 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

FEBRUARY 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 15 5	5♒38'22	18♋19	10♑14	19♓20	2♉39	17°R 9	12♑25	0°R37	13♑ 9	17♓49	2°R21	2♏33	27♎ 2	n.a.	F 1
S 2	8 19 1	6°38'18	1♌47	10°43	20°27	3° 9	17♌ 2	12°32	0♎36	13°11	17°50	2♏ 8	2°30	27° 8	n.a.	S 2
S 3	8 22 58	7°38'12	15° 0	11°18	21°34	3°38	16°54	12°39	0°34	13°13	17°51	1°55	2°27	27°15	n.a.	S 3
M 4	8 26 54	8°38'03	27°56	11°56	22°41	4° 8	16°46	12°45	0°33	13°16	17°52	1°43	2°23	27°22	n.a.	M 4
T 5	8 30 51	9°37'53	10♍35	12°39	23°48	4°37	16°39	12°52	0°32	13°18	17°54	1°32	2°20	27°28	n.a.	T 5
W 6	8 34 47	10°37'41	22°56	13°25	24°54	5° 7	16°31	12°59	0°31	13°20	17°55	1°24	2°17	27°35	n.a.	W 6
T 7	8 38 44	11°37'26	5♎ 3	14°15	26° 0	5°37	16°23	13° 6	0°29	13°22	17°56	1°19	2°14	27°42	n.a.	T 7
F 8	8 42 40	12°37'10	16°59	15° 8	27° 6	6° 7	16°16	13°12	0°28	13°24	17°57	1°16	2°11	27°48	n.a.	F 8
S 9	8 46 37	13°36'52	28°49	16° 4	28°12	6°37	16° 8	13°19	0°26	13°26	17°58	1°D15	2° 7	27°55	n.a.	S 9
S 10	8 50 33	14°36'33	10♏36	17° 3	29°18	7° 8	16° 0	13°25	0°25	13°28	17°59	1°R16	2° 4	28° 1	n.a.	S 10
M11	8 54 30	15°36'11	22°28	18° 4	0♈23	7°38	15°52	13°32	0°24	13°30	18° 1	1°15	2° 1	28° 8	n.a.	M11
T 12	8 58 27	16°35'47	4♐30	19° 8	1°28	8° 9	15°44	13°38	0°22	13°32	18° 2	1°14	1°58	28°15	n.a.	T 12
W13	9 2 23	17°35'22	16°46	20°15	2°33	8°39	15°37	13°45	0°20	13°34	18° 3	1°10	1°55	28°21	n.a.	W13
T 14	9 6 20	18°34'55	29°21	21°23	3°37	9°10	15°29	13°51	0°19	13°36	18° 4	1° 4	1°52	28°28	n.a.	T 14
F 15	9 10 16	19°34'26	12♑19	22°34	4°41	9°41	15°21	13°58	0°17	13°38	18° 6	0°56	1°48	28°35	n.a.	F 15
S 16	9 14 13	20°33'55	25°40	23°47	5°45	10°12	15°13	14° 4	0°15	13°40	18° 7	0°45	1°45	28°41	n.a.	S 16
S 17	9 18 9	21°33'21	9♒24	25° 2	6°49	10°43	15° 6	14°10	0°14	13°42	18° 8	0°34	1°42	28°48	n.a.	S 17
M18	9 22 6	22°32'46	23°28	26°19	7°52	11°15	14°58	14°17	0°12	13°43	18° 9	0°23	1°39	28°55	n.a.	M18
T 19	9 26 2	23°32'08	7♓47	27°37	8°55	11°46	14°50	14°23	0°10	13°45	18°11	0°13	1°36	29° 1	n.a.	T 19
W20	9 29 59	24°31'28	22°14	28°57	9°58	12°18	14°43	14°29	0° 8	13°47	18°12	0° 6	1°33	29° 8	n.a.	W20
T 21	9 33 56	25°30'46	6♈45	0♒19	11° 0	12°49	14°35	14°35	0° 6	13°49	18°13	0° 1	1°29	29°15	n.a.	T 21
F 22	9 37 52	26°30'02	21°12	1°43	12° 2	13°21	14°27	14°41	0° 4	13°51	18°15	29♎59	1°26	29°21	n.a.	F 22
S 23	9 41 49	27°29'15	5♉33	3° 8	13° 4	13°53	14°20	14°47	0° 2	13°53	18°16	29°D59	1°23	29°28	n.a.	S 23
S 24	9 45 45	28°28'25	19°44	4°35	14° 5	14°25	14°13	14°53	0° 0	13°54	18°17	29°59	1°20	29°35	n.a.	S 24
M25	9 49 42	29°27'33	3♊44	6° 3	15° 6	14°57	14° 5	14°59	29♍58	13°56	18°19	29°R59	1°17	29°41	n.a.	M25
T 26	9 53 38	0♓26'39	17°34	7°33	16° 7	15°29	13°58	15° 5	29°56	13°58	18°20	29°58	1°13	29°48	n.a.	T 26
W27	9 57 35	1°25'42	1♋13	9° 5	17° 7	16° 1	13°51	15°11	29°54	13°59	18°21	29°55	1°10	29°54	n.a.	W27
T 28	10 1 31	2♓24'43	14♋40	10♒38	18♈ 6	16♉34	13♌44	15♑16	29♍52	14♑ 1	18♓23	29♎49	1♏ 7	0♏ 1	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 7	17n41	4s52	22s 0	1n23	3s55	0n24	13n57	1n29	17n23	1n33	23s34	0s23	0n25	0n43	23s 5	0n 1	20s24	16s59	12s27	12s31	11s 1		n.a.
S 2	18 52	15 9	5 0	22 10	1 10	3 24	0 28	14 8	1 30	17 26	1 33	23 34	0 24	0 25	0 43	23 5	0 1	20 23	16 58	12 23	12 30	11 3		n.a.
S 3	18 37	11 54	4 53	22 19	0 58	2 53	0 33	14 18	1 30	17 28	1 33	23 33	0 24	0 26	0 43	23 5	0 1	20 23	16 58	12 18	12 29	11 4		n.a.
M 4	18 21	8 8	4 30	22 28	0 46	2 22	0 38	14 29	1 30	17 30	1 34	23 32	0 24	0 26	0 43	23 5	0 1	20 22	16 58	12 14	12 28	11 6		n.a.
T 5	18 5	4 6	3 54	22 35	0 34	1 51	0 42	14 39	1 30	17 33	1 34	23 32	0 24	0 27	0 43	23 5	0 1	20 21	16 58	12 10	12 27	11 7		n.a.
W 6	17 49	0s 2	3 8	22 42	0 23	1 20	0 47	14 49	1 30	17 35	1 34	23 31	0 24	0 27	0 43	23 4	0 1	20 21	16 57	12 7	12 26	11 9		n.a.
T 7	17 32	4 5	2 14	22 48	0 12	0 49	0 52	15 0	1 30	17 38	1 34	23 31	0 24	0 28	0 43	23 4	0 1	20 20	16 57	12 6	12 25	11 11		n.a.
F 8	17 15	7 55	1 15	22 53	0 1	0 18	0 57	15 10	1 31	17 40	1 34	23 30	0 24	0 28	0 43	23 4	0 1	20 19	16 57	12 5	12 24	11 12		n.a.
S 9	16 58	11 24	0 13	22 56	0s 9	0n13	1 2	15 20	1 31	17 43	1 34	23 30	0 24	0 29	0 43	23 4	0 1	20 19	16 57	12 4	12 23	11 14		n.a.
S 10	16 40	14 26	0n50	22 59	0 19	0 44	1 7	15 30	1 31	17 45	1 34	23 29	0 24	0 29	0 43	23 4	0 1	20 18	16 57	12 4	12 21	11 15		n.a.
M11	16 23	16 52	1 50	23 0	0 29	1 15	1 11	15 41	1 31	17 48	1 34	23 28	0 24	0 30	0 43	23 3	0 1	20 17	16 56	12 4	12 20	11 17		n.a.
T 12	16 5	18 36	2 47	23 1	0 38	1 45	1 16	15 51	1 31	17 50	1 34	23 28	0 24	0 31	0 43	23 3	0 1	20 17	16 56	12 4	12 19	11 19		n.a.
W13	15 46	19 30	3 37	23 0	0 47	2 16	1 21	16 1	1 31	17 53	1 34	23 27	0 25	0 31	0 43	23 3	0 1	20 16	16 56	12 3	12 18	11 20		n.a.
T 14	15 28	19 28	4 18	22 57	0 56	2 47	1 27	16 11	1 31	17 55	1 34	23 27	0 25	0 32	0 43	23 3	0 1	20 15	16 56	12 0	12 17	11 22		n.a.
F 15	15 9	18 26	4 47	22 54	1 4	3 17	1 32	16 21	1 31	17 57	1 34	23 26	0 25	0 33	0 43	23 3	0 1	20 15	16 56	11 57	12 16	11 23		n.a.
S 16	14 50	16 22	5 1	22 49	1 11	3 48	1 37	16 31	1 31	18 0	1 34	23 26	0 25	0 34	0 43	23 2	0 1	20 14	16 55	11 54	12 15	11 25		n.a.
S 17	14 31	13 21	4 59	22 43	1 19	4 18	1 42	16 42	1 32	18 2	1 35	23 25	0 25	0 34	0 43	23 2	0 1	20 13	16 55	11 50	12 14	11 26		n.a.
M18	14 11	9 30	4 39	22 35	1 26	4 48	1 47	16 52	1 32	18 4	1 35	23 24	0 25	0 35	0 43	23 2	0 1	20 13	16 55	11 46	12 13	11 28		n.a.
T 19	13 52	5 3	4 1	22 26	1 32	5 18	1 52	17 2	1 32	18 7	1 35	23 24	0 25	0 36	0 43	23 2	0 1	20 12	16 55	11 42	12 11	11 30		n.a.
W20	13 32	0 16	3 7	22 15	1 38	5 48	1 57	17 11	1 32	18 9	1 35	23 23	0 25	0 37	0 43	23 2	0 1	20 11	16 55	11 40	12 10	11 31		n.a.
T 21	13 12	4n33	2 1	22 3	1 44	6 17	2 2	17 21	1 32	18 11	1 35	23 23	0 25	0 37	0 43	23 2	0 1	20 11	16 55	11 38	12 9	11 33		n.a.
F 22	12 51	9 6	0 47	21 49	1 49	6 46	2 8	17 31	1 32	18 14	1 35	23 22	0 26	0 38	0 43	23 1	0 1	20 10	16 55	11 37	12 8	11 34		n.a.
S 23	12 31	13 5	0s30	21 34	1 54	7 16	2 13	17 41	1 32	18 16	1 35	23 22	0 26	0 39	0 44	23 1	0 1	20 9	16 54	11 37	12 7	11 36		n.a.
S 24	12 10	16 15	1 44	21 18	1 58	7 45	2 18	17 51	1 32	18 18	1 35	23 21	0 26	0 40	0 44	23 1	0 1	20 9	16 54	11 37	12 6	11 37		n.a.
M25	11 49	18 24	2 50	20 59	2 2	8 13	2 23	18 0	1 32	18 20	1 35	23 20	0 26	0 41	0 44	23 1	0 1	20 8	16 54	11 37	12 5	11 39		n.a.
T 26	11 28	19 26	3 46	20 39	2 6	8 42	2 28	18 10	1 32	18 22	1 35	23 20	0 26	0 41	0 44	23 1	0 1	20 7	16 54	11 37	12 4	11 40		n.a.
W27	11 7	19 18	4 28	20 18	2 9	9 10	2 33	18 20	1 32	18 24	1 35	23 19	0 26	0 42	0 44	23 1	0 1	20 7	16 54	11 36	12 2	11 42		n.a.
T 28	10s45	18n 4	4s55	19s55	2s11	9n38	2n39	18n29	1n32	18n26	1n34	23s19	0s26	0n43	0n44	23s 0	0n 1	20s 6	16s54	11s34	12s 1	11s44		n.a.

Julian Day Number = 1491346.5, Delta T = 05h14m26s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'23, Lahiri = -12°39'23 Julian Calendar 1 Feb. 630 BCE == Greg. Calendar 25 Jan. 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

MARCH 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 5 28	3♓23'41	27♋57	12♒12	19♈ 6	17♉ 6	13°R37	15♑22	29°R50	14♑ 3	18♓24	29°R41	1♏ 4	0♏ 8	n.a.	F 1
S 2	10 9 24	4°22'38	11♌ 1	13°48	20° 4	17°38	13♌30	15°28	29♍47	14° 4	18°25	29♎31	1° 1	0°14	n.a.	S 2
S 3	10 13 21	5°21'31	23°52	15°25	21° 3	18°11	13°23	15°33	29°45	14° 6	18°27	29°21	0°58	0°21	n.a.	S 3
M 4	10 17 18	6°20'23	6♍30	17° 4	22° 0	18°44	13°16	15°39	29°43	14° 8	18°28	29°12	0°54	0°28	n.a.	M 4
T 5	10 21 14	7°19'12	18°54	18°45	22°58	19°16	13°10	15°44	29°41	14° 9	18°30	29° 4	0°51	0°34	n.a.	T 5
W 6	10 25 11	8°18'00	1♎ 6	20°26	23°55	19°49	13° 3	15°50	29°38	14°11	18°31	28°58	0°48	0°41	n.a.	W 6
T 7	10 29 7	9°16'45	13° 8	22°10	24°51	20°22	12°57	15°55	29°36	14°12	18°32	28°55	0°45	0°48	n.a.	T 7
F 8	10 33 4	10°15'28	25° 1	23°55	25°47	20°55	12°51	16° 0	29°34	14°14	18°34	28°D53	0°42	0°54	n.a.	F 8
S 9	10 37 0	11°14'10	6♏49	25°41	26°42	21°28	12°44	16° 5	29°31	14°15	18°35	28°53	0°39	1° 1	n.a.	S 9
S 10	10 40 57	12°12'49	18°37	27°29	27°36	22° 1	12°38	16°10	29°29	14°16	18°36	28°55	0°35	1° 8	n.a.	S 10
M11	10 44 53	13°11'27	0♐29	29°18	28°30	22°34	12°33	16°15	29°27	14°18	18°38	28°56	0°32	1°14	n.a.	M11
T 12	10 48 50	14°10'03	12°30	1♓ 9	29°24	23° 7	12°27	16°20	29°24	14°19	18°39	28°R57	0°29	1°21	n.a.	T 12
W13	10 52 46	15° 8'38	24°45	3° 2	0♉17	23°41	12°21	16°25	29°22	14°21	18°41	28°56	0°26	1°27	n.a.	W13
T 14	10 56 43	16° 7'10	7♑20	4°56	1° 9	24°14	12°16	16°30	29°19	14°22	18°42	28°54	0°23	1°34	n.a.	T 14
F 15	11 0 40	17° 5'41	20°18	6°51	2° 0	24°47	12°10	16°35	29°17	14°23	18°44	28°50	0°19	1°41	n.a.	F 15
S 16	11 4 36	18° 4'10	3♒41	8°49	2°51	25°21	12° 5	16°40	29°14	14°24	18°45	28°45	0°16	1°47	n.a.	S 16
S 17	11 8 33	19° 2'37	17°31	10°47	3°41	25°55	12° 0	16°44	29°12	14°26	18°46	28°39	0°13	1°54	n.a.	S 17
M18	11 12 29	20° 1'02	1♓46	12°47	4°30	26°28	11°55	16°49	29° 9	14°27	18°48	28°33	0°10	2° 1	n.a.	M18
T 19	11 16 26	20°59'26	16°21	14°49	5°19	27° 2	11°50	16°53	29° 7	14°28	18°49	28°27	0° 7	2° 7	n.a.	T 19
W20	11 20 22	21°57'47	1♈ 9	16°52	6° 6	27°36	11°46	16°58	29° 4	14°29	18°51	28°23	0° 4	2°14	n.a.	W20
T 21	11 24 19	22°56'06	16° 3	18°56	6°53	28° 9	11°41	17° 2	29° 2	14°30	18°52	28°21	0° 0	2°21	n.a.	T 21
F 22	11 28 15	23°54'24	0♉54	21° 1	7°39	28°43	11°37	17° 6	28°59	14°31	18°53	28°D20	29♎57	2°27	n.a.	F 22
S 23	11 32 12	24°52'39	15°36	23° 8	8°24	29°17	11°33	17°10	28°57	14°32	18°55	28°21	29°54	2°34	n.a.	S 23
S 24	11 36 9	25°50'52	0♊ 4	25°15	9° 8	29°51	11°29	17°14	28°54	14°33	18°56	28°23	29°51	2°41	n.a.	S 24
M25	11 40 5	26°49'04	14°14	27°23	9°52	0♊25	11°25	17°19	28°52	14°34	18°58	28°24	29°48	2°47	n.a.	M25
T 26	11 44 2	27°47'12	28° 6	29°32	10°34	0°59	11°22	17°22	28°49	14°35	18°59	28°R24	29°44	2°54	n.a.	T 26
W27	11 47 58	28°45'19	11♋39	1♈41	11°15	1°34	11°18	17°26	28°47	14°36	19° 0	28°24	29°41	3° 1	n.a.	W27
T 28	11 51 55	29°43'24	24°55	3°50	11°55	2° 8	11°15	17°30	28°44	14°37	19° 2	28°22	29°38	3° 7	n.a.	T 28
F 29	11 55 51	0♈41'27	7♌55	5°58	12°33	2°42	11°12	17°34	28°42	14°38	19° 3	28°19	29°35	3°14	n.a.	F 29
S 30	11 59 48	1°39'27	20°40	8° 7	13°11	3°16	11° 9	17°37	28°39	14°39	19° 5	28°15	29°32	3°20	n.a.	S 30
S 31	12 3 44	2♈37'26	3♍12	10♈14	13♉47	3♊51	11♌ 6	17♑41	28♍36	14♑40	19♓ 6	28♎10	29♎29	3♏27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s24	15n52	5s 5	19s30	2s13	10n 6	2n44	18n39	1n32	18n28	1n34	23s18	0s26	0n44	0n44	23s 0	0n 1	20s 5	16s54	11s31	12s 0	11s45		n.a.
S 2	10 2	12 55	4 59	19 4	2 15	10 33	2 49	18 48	1 32	18 30	1 34	23 18	0 26	0 45	0 44	23 0	0 1	20 5	16 54	11 27	11 59	11 47		n.a.
S 3	9 40	9 23	4 38	18 36	2 16	11 0	2 54	18 57	1 32	18 32	1 34	23 17	0 26	0 46	0 44	23 0	0 1	20 4	16 54	11 24	11 58	11 48		n.a.
M 4	9 19	5 29	4 4	18 6	2 17	11 27	2 59	19 6	1 32	18 34	1 34	23 17	0 27	0 47	0 44	23 0	0 1	20 4	16 53	11 20	11 57	11 50		n.a.
T 5	8 56	1 25	3 18	17 35	2 17	11 53	3 4	19 16	1 32	18 36	1 34	23 16	0 27	0 48	0 44	23 0	0 1	20 3	16 53	11 18	11 56	11 51		n.a.
W 6	8 34	2s39	2 24	17 2	2 16	12 19	3 9	19 25	1 32	18 38	1 34	23 16	0 27	0 49	0 44	22 59	0 1	20 2	16 53	11 15	11 55	11 53		n.a.
T 7	8 12	6 33	1 24	16 27	2 16	12 45	3 14	19 34	1 32	18 40	1 34	23 15	0 27	0 50	0 44	22 59	0 1	20 2	16 53	11 14	11 54	11 54		n.a.
F 8	7 49	10 8	0 21	15 50	2 14	13 11	3 19	19 43	1 32	18 41	1 34	23 15	0 27	0 51	0 44	22 59	0 1	20 1	16 53	11 14	11 52	11 56		n.a.
S 9	7 27	13 18	0n43	15 12	2 12	13 36	3 24	19 51	1 32	18 43	1 34	23 14	0 27	0 52	0 44	22 59	0 1	20 0	16 53	11 14	11 51	11 57		n.a.
S 10	7 4	15 55	1 45	14 33	2 10	14 0	3 29	20 0	1 32	18 45	1 34	23 14	0 27	0 52	0 44	22 59	0 1	20 0	16 53	11 14	11 50	11 59		n.a.
M11	6 42	17 53	2 43	13 51	2 7	14 24	3 34	20 9	1 32	18 46	1 34	23 13	0 27	0 53	0 44	22 59	0 1	19 59	16 53	11 15	11 49	12 0		n.a.
T 12	6 19	19 4	3 34	13 8	2 4	14 48	3 38	20 17	1 32	18 48	1 34	23 13	0 27	0 54	0 44	22 59	0 1	19 59	16 53	11 15	11 48	12 2		n.a.
W13	5 56	19 23	4 17	12 23	2 0	15 12	3 43	20 26	1 32	18 49	1 34	23 12	0 28	0 55	0 44	22 58	0 1	19 58	16 53	11 15	11 47	12 3		n.a.
T 14	5 33	18 45	4 49	11 37	1 55	15 35	3 48	20 34	1 32	18 51	1 33	23 12	0 28	0 56	0 44	22 58	0 1	19 57	16 53	11 14	11 46	12 5		n.a.
F 15	5 10	17 9	5 7	10 49	1 50	15 57	3 52	20 43	1 32	18 52	1 33	23 11	0 28	0 57	0 44	22 58	0 1	19 57	16 53	11 13	11 44	12 6		n.a.
S 16	4 47	14 35	5 9	9 59	1 44	16 20	3 57	20 51	1 32	18 54	1 33	23 11	0 28	0 58	0 44	22 58	0 1	19 56	16 53	11 11	11 43	12 8		n.a.
S 17	4 24	11 8	4 54	9 8	1 38	16 41	4 1	20 59	1 32	18 55	1 33	23 10	0 28	0 59	0 44	22 58	0 1	19 56	16 53	11 8	11 42	12 9		n.a.
M18	4 0	6 57	4 20	8 15	1 31	17 2	4 5	21 7	1 32	18 56	1 33	23 10	0 28	1 0	0 44	22 58	0 1	19 55	16 53	11 6	11 41	12 11		n.a.
T 19	3 37	2 15	3 29	7 21	1 24	17 23	4 10	21 15	1 32	18 57	1 33	23 9	0 28	1 1	0 44	22 58	0 1	19 55	16 53	11 4	11 40	12 12		n.a.
W20	3 14	2n39	2 23	6 26	1 17	17 43	4 14	21 23	1 32	18 59	1 33	23 9	0 28	1 2	0 44	22 58	0 1	19 54	16 53	11 3	11 39	12 14		n.a.
T 21	2 50	7 25	1 7	5 29	1 8	18 3	4 18	21 31	1 32	19 0	1 32	23 8	0 29	1 3	0 44	22 57	0 1	19 53	16 53	11 2	11 38	12 15		n.a.
F 22	2 27	11 44	0s14	4 31	1 0	18 22	4 22	21 38	1 32	19 1	1 32	23 8	0 29	1 4	0 44	22 57	0 1	19 53	16 53	11 2	11 37	12 17		n.a.
S 23	2 4	15 15	1 33	3 32	0 51	18 41	4 26	21 46	1 31	19 2	1 32	23 8	0 29	1 6	0 44	22 57	0 1	19 52	16 53	11 2	11 35	12 18		n.a.
S 24	1 40	17 45	2 45	2 32	0 41	18 59	4 29	21 53	1 31	19 3	1 32	23 7	0 29	1 7	0 44	22 57	0 1	19 52	16 53	11 3	11 34	12 20		n.a.
M25	1 17	19 6	3 45	1 32	0 31	19 17	4 33	22 0	1 31	19 4	1 32	23 7	0 29	1 8	0 44	22 57	0 1	19 51	16 53	11 3	11 33	12 21		n.a.
T 26	0 54	19 14	4 31	0 31	0 21	19 34	4 37	22 8	1 31	19 5	1 32	23 6	0 29	1 9	0 44	22 57	0 0	19 51	16 53	11 3	11 32	12 23		n.a.
W27	0 30	18 16	5 0	0n31	0 11	19 50	4 40	22 15	1 31	19 5	1 32	23 6	0 29	1 10	0 44	22 57	0 0	19 50	16 53	11 3	11 31	12 24		n.a.
T 28	0 7	16 18	5 13	1 33	0n 0	20 6	4 43	22 22	1 31	19 6	1 31	23 6	0 29	1 11	0 44	22 57	0 0	19 50	16 53	11 2	11 30	12 26		n.a.
F 29	0n17	13 34	5 9	2 34	0 11	20 21	4 46	22 28	1 31	19 7	1 31	23 5	0 30	1 12	0 44	22 57	0 0	19 49	16 53	11 1	11 29	12 27		n.a.
S 30	0 40	10 13	4 50	3 35	0 22	20 35	4 49	22 35	1 31	19 7	1 31	23 5	0 30	1 13	0 44	22 57	0 0	19 49	16 53	11 0	11 27	12 29		n.a.
S 31	1n 3	6n29	4s17	4n36	0n32	20n49	4n52	22n42	1n31	19n 8	1n31	23s 5	0s30	1n14	0n44	22s57	0n 0	19s48	16s53	10s58	11s26	12s30		n.a.

Julian Day Number = 1491374.5, Delta T = 05h14m25s
Ecliptic obliquity = 23°46'09, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'20, Lahiri = -12°39'19 Julian Calendar 1 March 630 BCE == Greg. Calendar 22 Feb. 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

APRIL 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 7 41	3♈35'22	15♍32	12♈21	14♉22	4♊25	11°R 4	17♑44	28°R34	14♑41	19♓ 7	28°R 6	29♎25	3♏34	n.a.	M 1
T 2	12 11 37	4°33'17	27°42	14°26	14°56	5° 0	11♌ 2	17°48	28♍31	14°41	19° 9	28♎ 3	29°22	3°40	n.a.	T 2
W 3	12 15 34	5°31'10	9♎43	16°29	15°28	5°34	10°59	17°51	28°29	14°42	19°10	28° 1	29°19	3°47	n.a.	W 3
T 4	12 19 31	6°29'02	21°37	18°30	15°59	6° 9	10°57	17°54	28°26	14°43	19°11	28° 0	29°16	3°54	n.a.	T 4
F 5	12 23 27	7°26'52	3♏27	20°30	16°28	6°43	10°56	17°57	28°24	14°43	19°13	28°D 0	29°13	4° 0	n.a.	F 5
S 6	12 27 24	8°24'40	15°14	22°26	16°56	7°18	10°54	18° 0	28°21	14°44	19°14	28° 1	29°10	4° 7	n.a.	S 6
S 7	12 31 20	9°22'28	27° 3	24°21	17°22	7°53	10°52	18° 3	28°19	14°45	19°15	28° 2	29° 6	4°14	n.a.	S 7
M 8	12 35 17	10°20'13	8♐56	26°12	17°47	8°27	10°51	18° 6	28°16	14°45	19°17	28° 3	29° 3	4°20	n.a.	M 8
T 9	12 39 13	11°17'58	20°58	28° 1	18°10	9° 2	10°50	18° 9	28°14	14°46	19°18	28° 5	29° 0	4°27	n.a.	T 9
W10	12 43 10	12°15'41	3♑13	29°46	18°31	9°37	10°49	18°11	28°11	14°46	19°19	28° 6	28°57	4°34	n.a.	W10
T 11	12 47 6	13°13'23	15°46	1♒28	18°50	10°12	10°48	18°14	28° 9	14°47	19°21	28°R 6	28°54	4°40	n.a.	T 11
F 12	12 51 3	14°11'04	28°40	3° 7	19° 8	10°47	10°48	18°16	28° 7	14°47	19°22	28° 5	28°50	4°47	n.a.	F 12
S 13	12 55 0	15° 8'43	11♓59	4°43	19°23	11°22	10°47	18°19	28° 4	14°47	19°23	28° 4	28°47	4°53	n.a.	S 13
S 14	12 58 56	16° 6'22	25°45	6°15	19°36	11°57	10°47	18°21	28° 2	14°48	19°25	28° 3	28°44	5° 0	n.a.	S 14
M15	13 2 53	17° 3'59	9♈58	7°44	19°48	12°32	10°D47	18°23	27°59	14°48	19°26	28° 2	28°41	5° 7	n.a.	M15
T 16	13 6 49	18° 1'35	24°34	9° 9	19°57	13° 7	10°47	18°25	27°57	14°48	19°27	28° 0	28°38	5°13	n.a.	T 16
W17	13 10 46	18°59'09	9♈30	10°31	20° 4	13°42	10°48	18°27	27°55	14°49	19°28	28° 0	28°35	5°20	n.a.	W17
T 18	13 14 42	19°56'43	24°36	11°49	20° 9	14°17	10°48	18°29	27°52	14°49	19°30	27°D59	28°31	5°27	n.a.	T 18
F 19	13 18 39	20°54'15	9♉44	13° 4	20°12	14°53	10°49	18°31	27°50	14°49	19°31	27°59	28°28	5°33	n.a.	F 19
S 20	13 22 35	21°51'46	24°45	14°14	20°R12	15°28	10°50	18°32	27°48	14°49	19°32	28° 0	28°25	5°40	n.a.	S 20
S 21	13 26 32	22°49'16	9♊31	15°21	20°10	16° 3	10°51	18°34	27°46	14°49	19°33	28° 0	28°22	5°47	n.a.	S 21
M22	13 30 29	23°46'44	23°56	16°25	20° 5	16°38	10°52	18°35	27°43	14°49	19°34	28° 1	28°19	5°53	n.a.	M22
T 23	13 34 25	24°44'11	7♋58	17°24	19°58	17°14	10°54	18°37	27°41	14°50	19°36	28° 1	28°15	6° 0	n.a.	T 23
W24	13 38 22	25°41'36	21°36	18°19	19°49	17°49	10°55	18°38	27°39	14°50	19°37	28°R 1	28°12	6° 7	n.a.	W24
T 25	13 42 18	26°39'00	4♌49	19°11	19°37	18°25	10°57	18°39	27°37	14°R50	19°38	28° 1	28° 9	6°13	n.a.	T 25
F 26	13 46 15	27°36'22	17°42	19°58	19°23	19° 0	10°59	18°41	27°35	14°50	19°39	28°D 1	28° 6	6°20	n.a.	F 26
S 27	13 50 11	28°33'43	0♍16	20°41	19° 7	19°36	11° 1	18°42	27°33	14°49	19°40	28° 1	28° 3	6°27	n.a.	S 27
S 28	13 54 8	29°31'03	12°36	21°20	18°48	20°11	11° 4	18°42	27°31	14°49	19°41	28° 1	28° 0	6°33	n.a.	S 28
M29	13 58 4	0♉28'22	24°43	21°55	18°27	20°47	11° 6	18°43	27°29	14°49	19°43	28° 1	27°56	6°40	n.a.	M29
T 30	14 2 1	1♉25'39	6♎42	22♉25	18♉ 3	21♊23	11♌ 9	18♑44	27♍27	14♑49	19♓44	28♎ 2	27♎53	6♏46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	1n27	2n31	3s33	5n36	0n43	21n 2	4n54	22n48	1n31	19n 9	1n31	23s 4	0s30	1n15	0n44	22s56	0n 0	19s48	16s53	10s57	11s25	12s32		n.a.	M 1
T 2	1 50	1s30	2 39	6 35	0 54	21 15	4 57	22 55	1 31	19 9	1 30	23 4	0 30	1 16	0 44	22 56	0 0	19 47	16 53	10 56	11 24	12 33		n.a.	T 2
W 3	2 13	5 25	1 39	7 33	1 4	21 27	4 59	23 1	1 31	19 9	1 30	23 4	0 30	1 17	0 44	22 56	0 0	19 47	16 54	10 55	11 23	12 34		n.a.	W 3
T 4	2 37	9 5	0 35	8 29	1 14	21 38	5 1	23 7	1 30	19 10	1 30	23 3	0 30	1 18	0 44	22 56	0 0	19 46	16 54	10 54	11 22	12 36		n.a.	T 4
F 5	3 0	12 22	0n30	9 24	1 24	21 48	5 2	23 13	1 30	19 10	1 30	23 3	0 30	1 19	0 44	22 56	0 0	19 46	16 54	10 54	11 21	12 37		n.a.	F 5
S 6	3 23	15 8	1 34	10 17	1 33	21 58	5 4	23 19	1 30	19 10	1 30	23 3	0 31	1 20	0 44	22 56	0 0	19 45	16 54	10 55	11 20	12 39		n.a.	S 6
S 7	3 46	17 16	2 34	11 8	1 42	22 7	5 5	23 24	1 30	19 11	1 30	23 2	0 31	1 21	0 44	22 56	0 0	19 45	16 54	10 55	11 18	12 40		n.a.	S 7
M 8	4 9	18 40	3 28	11 57	1 50	22 15	5 6	23 30	1 30	19 11	1 29	23 2	0 31	1 22	0 44	22 56	0 0	19 45	16 54	10 56	11 17	12 42		n.a.	M 8
T 9	4 32	19 15	4 13	12 44	1 57	22 22	5 7	23 35	1 30	19 11	1 29	23 2	0 31	1 23	0 44	22 56	0 0	19 44	16 54	10 56	11 16	12 43		n.a.	T 9
W10	4 55	18 56	4 48	13 28	2 4	22 29	5 7	23 41	1 30	19 11	1 29	23 2	0 31	1 24	0 44	22 56	0 0	19 44	16 54	10 56	11 15	12 45		n.a.	W10
T 11	5 17	17 42	5 10	14 11	2 10	22 34	5 7	23 46	1 30	19 11	1 29	23 2	0 31	1 25	0 44	22 56	0 0	19 43	16 54	10 57	11 14	12 46		n.a.	T 11
F 12	5 40	15 32	5 17	14 51	2 16	22 39	5 7	23 51	1 29	19 11	1 29	23 1	0 31	1 26	0 44	22 56	0 0	19 43	16 55	10 56	11 13	12 47		n.a.	F 12
S 13	6 3	12 30	5 8	15 28	2 21	22 43	5 6	23 56	1 29	19 11	1 28	23 1	0 32	1 27	0 44	22 56	0 0	19 42	16 55	10 56	11 12	12 49		n.a.	S 13
S 14	6 25	8 42	4 41	16 3	2 25	22 46	5 5	24 0	1 29	19 11	1 28	23 1	0 32	1 27	0 44	22 56	0 0	19 42	16 55	10 56	11 10	12 50		n.a.	S 14
M15	6 48	4 18	3 56	16 36	2 28	22 48	5 4	24 5	1 29	19 11	1 28	23 1	0 32	1 28	0 44	22 56	0 0	19 42	16 55	10 55	11 9	12 52		n.a.	M15
T 16	7 10	0n29	2 55	17 7	2 30	22 49	5 2	24 9	1 29	19 10	1 28	23 1	0 32	1 29	0 44	22 56	0 0	19 41	16 55	10 55	11 8	12 53		n.a.	T 16
W17	7 32	5 21	1 41	17 35	2 32	22 49	5 0	24 14	1 29	19 10	1 28	23 1	0 32	1 30	0 43	22 56	0 0	19 41	16 55	10 54	11 7	12 55		n.a.	W17
T 18	7 54	9 57	0 19	18 0	2 32	22 48	4 58	24 18	1 29	19 10	1 27	23 0	0 32	1 31	0 43	22 56	0 0	19 41	16 55	10 54	11 6	12 56		n.a.	T 18
F 19	8 16	13 54	1s 5	18 23	2 32	22 45	4 55	24 22	1 29	19 9	1 27	23 0	0 32	1 32	0 43	22 56	0 0	19 40	16 56	10 54	11 5	12 57		n.a.	F 19
S 20	8 38	16 54	2 23	18 44	2 31	22 42	4 51	24 26	1 28	19 9	1 27	23 0	0 33	1 33	0 43	22 56	0 0	19 40	16 56	10 54	11 3	12 59		n.a.	S 20
S 21	9 0	18 42	3 31	19 3	2 30	22 38	4 47	24 29	1 28	19 8	1 27	23 0	0 33	1 34	0 43	22 56	0 0	19 40	16 56	10 55	11 2	13 0		n.a.	S 21
M22	9 21	19 14	4 24	19 19	2 27	22 32	4 43	24 33	1 28	19 8	1 27	23 0	0 33	1 35	0 43	22 56	0 0	19 39	16 56	10 55	11 1	13 2		n.a.	M22
T 23	9 43	18 33	4 59	19 33	2 23	22 26	4 38	24 36	1 28	19 7	1 26	23 0	0 33	1 36	0 43	22 56	0 0	19 39	16 56	10 55	11 0	13 3		n.a.	T 23
W24	10 4	16 49	5 16	19 44	2 19	22 18	4 33	24 39	1 28	19 7	1 26	23 0	0 33	1 36	0 43	22 56	0 0	19 39	16 57	10 55	10 59	13 4		n.a.	W24
T 25	10 25	14 13	5 16	19 54	2 13	22 9	4 27	24 43	1 28	19 6	1 26	23 0	0 33	1 37	0 43	22 56	0 0	19 38	16 57	10 55	10 58	13 6		n.a.	T 25
F 26	10 46	10 59	4 59	20 1	2 7	21 59	4 20	24 45	1 27	19 5	1 26	23 0	0 33	1 38	0 43	22 56	0 0	19 38	16 57	10 55	10 57	13 7		n.a.	F 26
S 27	11 7	7 20	4 29	20 6	2 0	21 47	4 13	24 48	1 27	19 4	1 25	23 0	0 34	1 39	0 43	22 56	0 0	19 38	16 57	10 55	10 55	13 9		n.a.	S 27
S 28	11 27	3 26	3 47	20 8	1 52	21 35	4 6	24 51	1 27	19 3	1 25	23 0	0 34	1 40	0 43	22 56	0 0	19 38	16 57	10 55	10 54	13 10		n.a.	S 28
M29	11 48	0s33	2 55	20 9	1 43	21 21	3 57	24 53	1 27	19 3	1 25	23 0	0 34	1 40	0 43	22 56	0 0	19 37	16 58	10 55	10 53	13 11		n.a.	M29
T 30	12n 8	4s28	1s56	20n 7	1n33	21n 6	3n49	24n56	1n27	19n 2	1n25	23s 0	0s34	1n41	0n43	22s56	0n 0	19s37	16s58	10s55	10s52	13s13		n.a.	T 30

Julian Day Number = 1491405.5, Delta T = 05h14m24s
Ecliptic obliquity = 23°46'09, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'15, Lahiri = -12°39'15 Julian Calendar 1 Apr. 630 BCE == Greg. Calendar 25 March 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

MAY 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 5 58	2♉22'56	18♎35	22♉50	17°R38	21♊58	11♌12	18♑45	27°R25	14°R49	19♓45	28♎ 2	27♎50	6♏53	n.a.	W 1
T 2	14 9 54	3°20'11	0♏24	23°11	17♉10	22°34	11°15	18°45	27♍23	14♑49	19°46	28°R 2	27°47	7° 0	n.a.	T 2
F 3	14 13 51	4°17'26	12°12	23°28	16°41	23°10	11°18	18°46	27°21	14°48	19°47	28° 2	27°44	7° 6	n.a.	F 3
S 4	14 17 47	5°14'40	24° 1	23°40	16°10	23°46	11°21	18°46	27°19	14°48	19°48	28° 1	27°41	7°13	n.a.	S 4
S 5	14 21 44	6°11'53	5♐53	23°47	15°37	24°21	11°25	18°46	27°18	14°48	19°49	28° 0	27°37	7°20	n.a.	S 5
M 6	14 25 40	7° 9'06	17°51	23°R50	15° 3	24°57	11°28	18°46	27°16	14°47	19°50	27°59	27°34	7°26	n.a.	M 6
T 7	14 29 37	8° 6'18	29°58	23°48	14°28	25°33	11°32	18°R46	27°14	14°47	19°51	27°58	27°31	7°33	n.a.	T 7
W 8	14 33 33	9° 3'29	12♑17	23°42	13°51	26° 9	11°36	18°46	27°12	14°47	19°52	27°57	27°28	7°40	n.a.	W 8
T 9	14 37 30	10° 0'40	24°51	23°32	13°15	26°45	11°40	18°46	27°11	14°46	19°53	27°56	27°25	7°46	n.a.	T 9
F 10	14 41 27	10°57'51	7♒43	23°17	12°37	27°21	11°45	18°46	27° 9	14°46	19°54	27°D55	27°21	7°53	n.a.	F 10
S 11	14 45 23	11°55'01	20°57	22°59	12° 0	27°57	11°49	18°45	27° 8	14°45	19°55	27°55	27°18	8° 0	n.a.	S 11
S 12	14 49 20	12°52'12	4♓35	22°37	11°22	28°33	11°54	18°45	27° 6	14°45	19°56	27°56	27°15	8° 6	n.a.	S 12
M13	14 53 16	13°49'21	18°37	22°12	10°45	29° 9	11°58	18°44	27° 4	14°44	19°57	27°57	27°12	8°13	n.a.	M13
T 14	14 57 13	14°46'31	3♈ 4	21°44	10° 8	29°45	12° 3	18°44	27° 3	14°44	19°58	27°58	27° 9	8°20	n.a.	T 14
W15	15 1 9	15°43'40	17°52	21°13	9°31	0♋22	12° 8	18°43	27° 2	14°43	19°59	27°59	27° 6	8°26	n.a.	W15
T 16	15 5 6	16°40'49	2♉56	20°41	8°56	0°58	12°14	18°42	27° 0	14°42	19°59	27°R59	27° 2	8°33	n.a.	T 16
F 17	15 9 2	17°37'58	18° 6	20° 8	8°22	1°34	12°19	18°41	26°59	14°42	20° 0	27°58	26°59	8°39	n.a.	F 17
S 18	15 12 59	18°35'06	3♊15	19°34	7°49	2°10	12°25	18°40	26°58	14°41	20° 1	27°57	26°56	8°46	n.a.	S 18
S 19	15 16 56	19°32'15	18°11	18°59	7°18	2°47	12°30	18°39	26°56	14°40	20° 2	27°54	26°53	8°53	n.a.	S 19
M20	15 20 52	20°29'22	2♋49	18°25	6°48	3°23	12°36	18°38	26°55	14°39	20° 3	27°51	26°50	8°59	n.a.	M20
T 21	15 24 49	21°26'29	17° 2	17°52	6°20	3°59	12°42	18°36	26°54	14°39	20° 3	27°48	26°47	9° 6	n.a.	T 21
W22	15 28 45	22°23'36	0♌47	17°20	5°54	4°36	12°48	18°35	26°53	14°38	20° 4	27°46	26°43	9°13	n.a.	W22
T 23	15 32 42	23°20'42	14° 5	16°51	5°30	5°12	12°55	18°33	26°52	14°37	20° 5	27°45	26°40	9°19	n.a.	T 23
F 24	15 36 38	24°17'48	26°58	16°24	5° 9	5°49	13° 1	18°32	26°51	14°36	20° 6	27°D44	26°37	9°26	n.a.	F 24
S 25	15 40 35	25°14'53	9♍29	16° 0	4°49	6°25	13° 7	18°30	26°50	14°35	20° 6	27°45	26°34	9°33	n.a.	S 25
S 26	15 44 31	26°11'58	21°43	15°40	4°32	7° 2	13°14	18°28	26°49	14°34	20° 7	27°47	26°31	9°39	n.a.	S 26
M27	15 48 28	27° 9'02	3♎44	15°23	4°17	7°39	13°21	18°26	26°48	14°33	20° 8	27°48	26°27	9°46	n.a.	M27
T 28	15 52 25	28° 6'06	15°37	15°11	4° 4	8°15	13°28	18°24	26°48	14°32	20° 8	27°50	26°24	9°53	n.a.	T 28
W29	15 56 21	29° 3'11	27°25	15° 3	3°54	8°52	13°35	18°22	26°47	14°31	20° 9	27°R50	26°21	9°59	n.a.	W29
T 30	16 0 18	0♊ 0'15	9♏12	15°D 0	3°47	9°29	13°42	18°20	26°46	14°30	20°10	27°50	26°18	10° 6	n.a.	T 30
F 31	16 4 14	0♊57'19	21♏ 1	15♉ 1	3♉41	10♋ 5	13♌49	18♑18	26♍46	14♑29	20♓10	27♎48	26♎15	10♏13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n28	8s11	0s52	20n 3	1n22	20n49	3n39	24n58	1n27	19n 1	1n25	23s 0	0s34	1n42	0n43	22s56	0n 0	19s37	16s58	10s55	10s51	13s14		n.a.
T 2	12 48	11 34	0n13	19 58	1 11	20 32	3 29	25 0	1 26	19 0	1 24	23 0	0 34	1 43	0 43	22 56	0 0	19 37	16 58	10 55	10 50	13 15		n.a.
F 3	13 7	14 28	1 18	19 50	0 58	20 13	3 19	25 1	1 26	18 58	1 24	23 0	0 34	1 43	0 43	22 56	0 0	19 36	16 58	10 55	10 49	13 17		n.a.
S 4	13 27	16 47	2 19	19 40	0 45	19 54	3 8	25 3	1 26	18 57	1 24	23 0	0 35	1 44	0 43	22 56	0 0	19 36	16 59	10 55	10 47	13 18		n.a.
S 5	13 46	18 23	3 15	19 29	0 31	19 33	2 57	25 5	1 26	18 56	1 24	23 0	0 35	1 45	0 43	22 56	0s 0	19 36	16 59	10 55	10 46	13 20		n.a.
M 6	14 5	19 11	4 3	19 15	0 16	19 12	2 45	25 6	1 26	18 55	1 24	23 0	0 35	1 46	0 43	22 56	0 0	19 36	16 59	10 54	10 45	13 21		n.a.
T 7	14 24	19 6	4 40	19 0	0 1	18 49	2 33	25 7	1 25	18 54	1 23	23 1	0 35	1 46	0 43	22 56	0 0	19 36	16 59	10 54	10 44	13 22		n.a.
W 8	14 43	18 8	5 5	18 43	0s14	18 26	2 20	25 8	1 25	18 52	1 23	23 1	0 35	1 47	0 43	22 56	0 0	19 35	17 0	10 53	10 43	13 24		n.a.
T 9	15 1	16 16	5 17	18 25	0 31	18 2	2 7	25 9	1 25	18 51	1 23	23 1	0 35	1 47	0 43	22 56	0 0	19 35	17 0	10 53	10 42	13 25		n.a.
F 10	15 19	13 34	5 12	18 5	0 47	17 38	1 54	25 9	1 25	18 50	1 23	23 1	0 35	1 48	0 43	22 56	0 0	19 35	17 0	10 53	10 40	13 26		n.a.
S 11	15 37	10 6	4 52	17 44	1 4	17 14	1 40	25 10	1 25	18 48	1 23	23 1	0 36	1 49	0 43	22 56	0 0	19 35	17 0	10 53	10 39	13 28		n.a.
S 12	15 55	6 1	4 15	17 23	1 21	16 49	1 26	25 10	1 24	18 47	1 22	23 2	0 36	1 49	0 43	22 57	0 0	19 35	17 1	10 53	10 38	13 29		n.a.
M13	16 12	1 29	3 21	17 0	1 38	16 24	1 12	25 10	1 24	18 45	1 22	23 2	0 36	1 50	0 43	22 57	0 0	19 35	17 1	10 53	10 37	13 30		n.a.
T 14	16 30	3n17	2 14	16 37	1 54	15 59	0 58	25 10	1 24	18 43	1 22	23 2	0 36	1 50	0 43	22 57	0 0	19 35	17 1	10 54	10 36	13 32		n.a.
W15	16 46	7 58	0 56	16 13	2 10	15 34	0 44	25 10	1 24	18 42	1 22	23 2	0 36	1 51	0 43	22 57	0 0	19 35	17 2	10 54	10 35	13 33		n.a.
T 16	17 3	12 14	0s27	15 49	2 26	15 9	0 30	25 10	1 24	18 40	1 22	23 3	0 36	1 51	0 43	22 57	0 0	19 34	17 2	10 54	10 33	13 34		n.a.
F 17	17 19	15 43	1 49	15 26	2 41	14 45	0 16	25 9	1 23	18 38	1 21	23 3	0 36	1 52	0 43	22 57	0 0	19 34	17 2	10 54	10 32	13 36		n.a.
S 18	17 36	18 6	3 3	15 3	2 56	14 21	0 3	25 8	1 23	18 37	1 21	23 3	0 37	1 52	0 43	22 57	0 0	19 34	17 2	10 53	10 31	13 37		n.a.
S 19	17 51	19 12	4 3	14 40	3 9	13 58	0s11	25 7	1 23	18 35	1 21	23 3	0 37	1 53	0 43	22 57	0 0	19 34	17 3	10 52	10 30	13 38		n.a.
M20	18 7	18 59	4 46	14 19	3 22	13 35	0 24	25 6	1 23	18 33	1 21	23 4	0 37	1 53	0 43	22 57	0 0	19 34	17 3	10 51	10 29	13 40		n.a.
T 21	18 22	17 33	5 10	13 59	3 33	13 14	0 37	25 5	1 23	18 31	1 21	23 4	0 37	1 54	0 42	22 57	0 0	19 34	17 3	10 50	10 28	13 41		n.a.
W22	18 37	15 8	5 15	13 41	3 43	12 53	0 50	25 4	1 22	18 29	1 21	23 4	0 37	1 54	0 42	22 57	0 0	19 34	17 4	10 49	10 27	13 42		n.a.
T 23	18 52	12 0	5 2	13 24	3 52	12 33	1 3	25 2	1 22	18 27	1 20	23 5	0 37	1 55	0 42	22 58	0 0	19 34	17 4	10 49	10 25	13 44		n.a.
F 24	19 6	8 23	4 35	13 9	3 59	12 15	1 15	25 0	1 22	18 25	1 20	23 5	0 37	1 55	0 42	22 58	0 0	19 34	17 4	10 49	10 24	13 45		n.a.
S 25	19 20	4 30	3 55	12 57	4 5	11 57	1 26	24 58	1 22	18 23	1 20	23 5	0 38	1 55	0 42	22 58	0 0	19 34	17 5	10 49	10 23	13 46		n.a.
S 26	19 34	0 30	3 6	12 47	4 9	11 41	1 38	24 56	1 21	18 21	1 20	23 6	0 38	1 56	0 42	22 58	0 0	19 34	17 5	10 50	10 22	13 48		n.a.
M27	19 47	3s28	2 9	12 39	4 12	11 25	1 49	24 54	1 21	18 19	1 20	23 6	0 38	1 56	0 42	22 58	0 0	19 34	17 5	10 50	10 21	13 49		n.a.
T 28	20 1	7 15	1 7	12 34	4 14	11 11	1 59	24 51	1 21	18 17	1 19	23 7	0 38	1 56	0 42	22 58	0 0	19 34	17 6	10 51	10 20	13 50		n.a.
W29	20 13	10 44	0 2	12 31	4 15	10 58	2 9	24 49	1 21	18 14	1 19	23 7	0 38	1 56	0 42	22 58	0 0	19 34	17 6	10 51	10 18	13 52		n.a.
T 30	20 26	13 47	1n 2	12 31	4 14	10 47	2 19	24 46	1 20	18 12	1 19	23 8	0 38	1 57	0 42	22 58	0 0	19 34	17 6	10 51	10 17	13 53		n.a.
F 31	20n38	16s16	2n 4	12n33	4s12	10n36	2s28	24n43	1n20	18n10	1n19	23s 8	0s38	1n57	0n42	22s58	0s 0	19s34	17s 7	10s50	10s16	13s54		n.a.

Julian Day Number = 1491435.5, Delta T = 05h14m22s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'11, Lahiri = -12°39'11 Julian Calendar 1 May 630 BCE == Greg. Calendar 24 Apr. 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

JUNE 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 8 11	1♊54'23	2♐55	15♉ 8	3°R38	10♋42	13♌57	18°R16	26°R45	14°R28	20♓11	27°R44	26♎12	10♏19	n.a.	S 1
S 2	16 12 7	2°51'27	14°55	15°19	3°D38	11°19	14° 5	18♑13	26♍44	14♑27	20°11	27♎39	26° 8	10°26	n.a.	S 2
M 3	16 16 4	3°48'32	27° 3	15°36	3♉39	11°56	14°12	18°11	26°44	14°26	20°12	27°33	26° 5	10°33	n.a.	M 3
T 4	16 20 1	4°45'36	9♑21	15°57	3°43	12°33	14°20	18° 8	26°43	14°25	20°12	27°26	26° 2	10°39	n.a.	T 4
W 5	16 23 57	5°42'42	21°49	16°24	3°50	13°10	14°28	18° 5	26°43	14°24	20°13	27°20	25°59	10°46	n.a.	W 5
T 6	16 27 54	6°39'47	4♒31	16°56	3°58	13°46	14°36	18° 3	26°43	14°22	20°13	27°15	25°56	10°52	n.a.	T 6
F 7	16 31 50	7°36'54	17°28	17°33	4° 8	14°23	14°44	18° 0	26°42	14°21	20°14	27°12	25°52	10°59	n.a.	F 7
S 8	16 35 47	8°34'01	0♓41	18°15	4°21	15° 0	14°53	17°57	26°42	14°20	20°14	27°10	25°49	11° 6	n.a.	S 8
S 9	16 39 43	9°31'08	14°13	19° 2	4°36	15°37	15° 1	17°54	26°42	14°19	20°15	27°D10	25°46	11°12	n.a.	S 9
M10	16 43 40	10°28'16	28° 5	19°53	4°52	16°15	15° 9	17°51	26°42	14°17	20°15	27°11	25°43	11°19	n.a.	M10
T 11	16 47 36	11°25'25	12♈18	20°50	5°11	16°52	15°18	17°48	26°42	14°16	20°15	27°12	25°40	11°26	n.a.	T 11
W12	16 51 33	12°22'35	26°51	21°51	5°31	17°29	15°27	17°45	26°D42	14°15	20°16	27°R12	25°37	11°32	n.a.	W12
T 13	16 55 30	13°19'45	11♉39	22°57	5°53	18° 6	15°36	17°41	26°42	14°14	20°16	27°12	25°33	11°39	n.a.	T 13
F 14	16 59 26	14°16'56	26°37	24° 8	6°17	18°43	15°45	17°38	26°42	14°12	20°16	27° 9	25°30	11°46	n.a.	F 14
S 15	17 3 23	15°14'08	11♊38	25°24	6°42	19°21	15°54	17°35	26°42	14°11	20°17	27° 4	25°27	11°52	n.a.	S 15
S 16	17 7 19	16°11'21	26°32	26°44	7° 9	19°58	16° 3	17°31	26°42	14° 9	20°17	26°57	25°24	11°59	n.a.	S 16
M17	17 11 16	17° 8'34	11♋11	28° 8	7°38	20°35	16°12	17°28	26°42	14° 8	20°17	26°50	25°21	12° 6	n.a.	M17
T 18	17 15 12	18° 5'48	25°27	29°36	8° 8	21°13	16°21	17°24	26°43	14° 7	20°17	26°42	25°18	12°12	n.a.	T 18
W19	17 19 9	19° 3'02	9♌17	1♊ 9	8°39	21°50	16°31	17°20	26°43	14° 5	20°18	26°35	25°14	12°19	n.a.	W19
T 20	17 23 5	20° 0'17	22°40	2°46	9°12	22°27	16°41	17°17	26°43	14° 4	20°18	26°30	25°11	12°26	n.a.	T 20
F 21	17 27 2	20°57'32	5♍35	4°26	9°46	23° 5	16°50	17°13	26°44	14° 2	20°18	26°27	25° 8	12°32	n.a.	F 21
S 22	17 30 59	21°54'48	18° 7	6°10	10°21	23°42	17° 0	17° 9	26°44	14° 1	20°18	26°D26	25° 5	12°39	n.a.	S 22
S 23	17 34 55	22°52'04	0♎21	7°58	10°58	24°20	17°10	17° 5	26°45	13°59	20°18	26°26	25° 2	12°46	n.a.	S 23
M24	17 38 52	23°49'21	12°20	9°49	11°35	24°58	17°20	17° 1	26°45	13°58	20°18	26°27	24°58	12°52	n.a.	M24
T 25	17 42 48	24°46'38	24°11	11°42	12°14	25°35	17°30	16°57	26°46	13°56	20°18	26°R27	24°55	12°59	n.a.	T 25
W26	17 46 45	25°43'57	5♏59	13°38	12°54	26°13	17°40	16°53	26°47	13°55	20°18	26°27	24°52	13° 5	n.a.	W26
T 27	17 50 41	26°41'16	17°47	15°37	13°35	26°50	17°50	16°49	26°47	13°53	20°18	26°25	24°49	13°12	n.a.	T 27
F 28	17 54 38	27°38'36	29°40	17°37	14°17	27°28	18° 0	16°45	26°48	13°52	20°R18	26°20	24°46	13°19	n.a.	F 28
S 29	17 58 34	28°35'57	11♐41	19°39	15° 0	28° 6	18°11	16°41	26°49	13°50	20°18	26°13	24°43	13°25	n.a.	S 29
S 30	18 2 31	29♊33'18	23♐52	21♊42	15♉44	28♋44	18♌21	16♑37	26♍50	13♑49	20♓18	26♎ 4	24♎39	13♏32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n50	18s 5	3n 0	12n38	4s 8	10n27	2s36	24n40	1n20	18n 7	1n19	23s 8	0s39	1n57	0n42	22s59	0s 0	19s34	17s 7	10s49	10s15	13s55		n.a.
S 2	21 1	19 7	3 49	12 46	4 4	10 19	2 44	24 36	1 20	18 5	1 19	23 9	0 39	1 57	0 42	22 59	0 0	19 34	17 7	10 47	10 14	13 57		n.a.
M 3	21 12	19 16	4 28	12 56	3 58	10 13	2 52	24 33	1 20	18 3	1 18	23 9	0 39	1 57	0 42	22 59	0 0	19 35	17 8	10 45	10 13	13 58		n.a.
T 4	21 23	18 31	4 55	13 8	3 52	10 7	3 0	24 29	1 19	18 0	1 18	23 10	0 39	1 58	0 42	22 59	0 0	19 35	17 8	10 42	10 11	13 59		n.a.
W 5	21 33	16 53	5 9	13 23	3 45	10 3	3 6	24 25	1 19	17 58	1 18	23 10	0 39	1 58	0 42	22 59	0 0	19 35	17 8	10 40	10 10	14 1		n.a.
T 6	21 43	14 25	5 8	13 40	3 36	10 0	3 13	24 21	1 19	17 55	1 18	23 11	0 39	1 58	0 42	22 59	0 0	19 35	17 9	10 38	10 9	14 2		n.a.
F 7	21 53	11 11	4 52	13 59	3 28	9 57	3 19	24 17	1 19	17 52	1 18	23 11	0 39	1 58	0 42	22 59	0 0	19 35	17 9	10 37	10 8	14 3		n.a.
S 8	22 2	7 21	4 19	14 20	3 18	9 56	3 25	24 12	1 18	17 50	1 18	23 12	0 40	1 58	0 42	23 0	0 0	19 35	17 9	10 36	10 7	14 4		n.a.
S 9	22 11	3 2	3 32	14 43	3 8	9 56	3 30	24 8	1 18	17 47	1 17	23 12	0 40	1 58	0 42	23 0	0 0	19 35	17 10	10 36	10 5	14 6		n.a.
M10	22 19	1n32	2 31	15 7	2 57	9 57	3 35	24 3	1 18	17 44	1 17	23 13	0 40	1 58	0 42	23 0	0 0	19 35	17 10	10 36	10 4	14 7		n.a.
T 11	22 28	6 9	1 20	15 33	2 45	9 59	3 39	23 58	1 17	17 42	1 17	23 14	0 40	1 58	0 42	23 0	0 0	19 36	17 10	10 37	10 3	14 8		n.a.
W12	22 35	10 31	0 2	16 1	2 33	10 2	3 43	23 53	1 17	17 39	1 17	23 14	0 40	1 58	0 42	23 0	0 1	19 36	17 11	10 37	10 2	14 9		n.a.
T 13	22 43	14 19	1s17	16 30	2 21	10 6	3 47	23 48	1 17	17 36	1 17	23 15	0 40	1 58	0 42	23 0	0 1	19 36	17 11	10 37	10 1	14 11		n.a.
F 14	22 50	17 12	2 32	16 59	2 9	10 10	3 51	23 42	1 17	17 33	1 17	23 15	0 40	1 58	0 42	23 1	0 1	19 36	17 11	10 36	10 0	14 12		n.a.
S 15	22 56	18 55	3 37	17 30	1 56	10 16	3 54	23 37	1 16	17 30	1 17	23 16	0 40	1 58	0 41	23 1	0 1	19 36	17 12	10 34	9 58	14 13		n.a.
S 16	23 2	19 18	4 26	18 2	1 43	10 22	3 57	23 31	1 16	17 28	1 16	23 16	0 41	1 58	0 41	23 1	0 1	19 37	17 12	10 32	9 57	14 14		n.a.
M17	23 8	18 22	4 56	18 34	1 30	10 28	3 59	23 25	1 16	17 25	1 16	23 17	0 41	1 58	0 41	23 1	0 1	19 37	17 12	10 29	9 56	14 16		n.a.
T 18	23 14	16 18	5 7	19 6	1 16	10 36	4 2	23 19	1 16	17 22	1 16	23 18	0 41	1 57	0 41	23 1	0 1	19 37	17 13	10 26	9 55	14 17		n.a.
W19	23 19	13 21	5 0	19 39	1 3	10 44	4 4	23 13	1 15	17 19	1 16	23 18	0 41	1 57	0 41	23 1	0 1	19 37	17 13	10 24	9 54	14 18		n.a.
T 20	23 23	9 48	4 36	20 11	0 50	10 53	4 5	23 6	1 15	17 15	1 16	23 19	0 41	1 57	0 41	23 1	0 1	19 38	17 13	10 22	9 53	14 19		n.a.
F 21	23 27	5 53	3 59	20 43	0 37	11 2	4 7	22 59	1 15	17 12	1 16	23 19	0 41	1 57	0 41	23 2	0 1	19 38	17 14	10 21	9 51	14 21		n.a.
S 22	23 31	1 50	3 11	21 14	0 24	11 12	4 8	22 53	1 14	17 9	1 16	23 20	0 41	1 57	0 41	23 2	0 1	19 38	17 14	10 20	9 50	14 22		n.a.
S 23	23 34	2s13	2 16	21 45	0 12	11 23	4 9	22 46	1 14	17 6	1 16	23 21	0 41	1 56	0 41	23 2	0 1	19 38	17 14	10 20	9 49	14 23		n.a.
M24	23 37	6 6	1 15	22 14	0n 0	11 34	4 10	22 39	1 14	17 3	1 15	23 21	0 42	1 56	0 41	23 2	0 1	19 39	17 15	10 20	9 48	14 24		n.a.
T 25	23 40	9 42	0 12	22 42	0 12	11 45	4 10	22 31	1 14	17 0	1 15	23 22	0 42	1 56	0 41	23 2	0 1	19 39	17 15	10 21	9 47	14 26		n.a.
W26	23 42	12 54	0n51	23 8	0 23	11 57	4 10	22 24	1 13	16 56	1 15	23 23	0 42	1 55	0 41	23 3	0 1	19 39	17 16	10 21	9 46	14 27		n.a.
T 27	23 44	15 35	1 52	23 32	0 34	12 9	4 10	22 16	1 13	16 53	1 15	23 23	0 42	1 55	0 41	23 3	0 1	19 40	17 16	10 20	9 44	14 28		n.a.
F 28	23 45	17 37	2 48	23 55	0 44	12 22	4 10	22 8	1 13	16 50	1 15	23 24	0 42	1 55	0 41	23 3	0 1	19 40	17 16	10 18	9 43	14 29		n.a.
S 29	23 46	18 55	3 37	24 15	0 53	12 35	4 10	22 0	1 12	16 46	1 15	23 25	0 42	1 54	0 41	23 3	0 1	19 40	17 17	10 15	9 42	14 30		n.a.
S 30	23n46	19s21	4n17	24n32	1n 2	12n48	4s 9	21n52	1n12	16n43	1n15	23s25	0s42	1n54	0n41	23s 3	0s 1	19s41	17s17	10s12	9s41	14s32		n.a.

Julian Day Number = 1491466.5, Delta T = 05h14m21s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'07, Lahiri = -12°39'07 Julian Calendar 1 June 630 BCE == Greg. Calendar 25 May 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

JULY 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 6 28	0♋30'41	6♑13	23♊45	16♉29	29♋22	18♌32	16°R32	26♍51	13°R47	20°R18	25°R53	24♎36	13♏39	n.a.	M 1
T 2	18 10 24	1°28'05	18°47	25°50	17°14	29°59	18°42	16♑28	26°52	13♑45	20♓18	25♎41	24°33	13°45	n.a.	T 2
W 3	18 14 21	2°25'31	1♒32	27°55	18° 1	0♌37	18°53	16°24	26°53	13°44	20°18	25°30	24°30	13°52	n.a.	W 3
T 4	18 18 17	3°22'57	14°29	29°59	18°48	1°15	19° 4	16°19	26°54	13°42	20°18	25°21	24°27	13°59	n.a.	T 4
F 5	18 22 14	4°20'25	27°39	2♋ 4	19°36	1°53	19°15	16°15	26°55	13°41	20°18	25°14	24°24	14° 5	n.a.	F 5
S 6	18 26 10	5°17'54	11♓ 0	4° 8	20°25	2°31	19°26	16°11	26°57	13°39	20°18	25° 9	24°20	14°12	n.a.	S 6
S 7	18 30 7	6°15'25	24°35	6°11	21°15	3° 9	19°37	16° 6	26°58	13°37	20°17	25° 7	24°17	14°19	n.a.	S 7
M 8	18 34 4	7°12'57	8♈23	8°13	22° 5	3°47	19°48	16° 2	26°59	13°36	20°17	25°D 6	24°14	14°25	n.a.	M 8
T 9	18 38 0	8°10'31	22°26	10°15	22°56	4°26	19°59	15°57	27° 0	13°34	20°17	25°R 6	24°11	14°32	n.a.	T 9
W10	18 41 57	9° 8'07	6♉42	12°15	23°48	5° 4	20°10	15°53	27° 2	13°33	20°17	25° 6	24° 8	14°39	n.a.	W10
T 11	18 45 53	10° 5'45	21°10	14°14	24°40	5°42	20°21	15°48	27° 3	13°31	20°17	25° 4	24° 4	14°45	n.a.	T 11
F 12	18 49 50	11° 3'24	5♊48	16°12	25°33	6°20	20°33	15°44	27° 5	13°29	20°16	24°59	24° 1	14°52	n.a.	F 12
S 13	18 53 46	12° 1'05	20°28	18° 9	26°27	6°58	20°44	15°39	27° 6	13°28	20°16	24°52	23°58	14°59	n.a.	S 13
S 14	18 57 43	12°58'47	5♋ 6	20° 4	27°21	7°37	20°56	15°35	27° 8	13°26	20°16	24°42	23°55	15° 5	n.a.	S 14
M15	19 1 39	13°56'31	19°32	21°58	28°15	8°15	21° 7	15°30	27°10	13°24	20°15	24°31	23°52	15°12	n.a.	M15
T 16	19 5 36	14°54'16	3♌40	23°51	29°11	8°54	21°19	15°26	27°11	13°23	20°15	24°20	23°49	15°19	n.a.	T 16
W17	19 9 33	15°52'03	17°26	25°42	0♊ 6	9°32	21°30	15°21	27°13	13°21	20°15	24° 9	23°45	15°25	n.a.	W17
T 18	19 13 29	16°49'51	0♍47	27°32	1° 2	10°11	21°42	15°16	27°15	13°19	20°14	24° 1	23°42	15°32	n.a.	T 18
F 19	19 17 26	17°47'40	13°43	29°20	1°59	10°49	21°54	15°12	27°17	13°18	20°14	23°55	23°39	15°39	n.a.	F 19
S 20	19 21 22	18°45'31	26°16	1♌ 7	2°56	11°28	22° 6	15° 7	27°19	13°16	20°13	23°51	23°36	15°45	n.a.	S 20
S 21	19 25 19	19°43'23	8♎30	2°53	3°54	12° 6	22°18	15° 3	27°21	13°15	20°13	23°50	23°33	15°52	n.a.	S 21
M22	19 29 15	20°41'16	20°30	4°37	4°52	12°45	22°30	14°58	27°23	13°13	20°12	23°49	23°30	15°59	n.a.	M22
T 23	19 33 12	21°39'11	2♏22	6°20	5°50	13°24	22°42	14°54	27°25	13°11	20°12	23°49	23°26	16° 5	n.a.	T 23
W24	19 37 8	22°37'08	14°10	8° 1	6°49	14° 2	22°54	14°49	27°27	13°10	20°11	23°48	23°23	16°12	n.a.	W24
T 25	19 41 5	23°35'06	26° 1	9°42	7°48	14°41	23° 6	14°45	27°29	13° 8	20°11	23°45	23°20	16°19	n.a.	T 25
F 26	19 45 1	24°33'05	7♐58	11°21	8°48	15°20	23°18	14°40	27°31	13° 6	20°10	23°40	23°17	16°25	n.a.	F 26
S 27	19 48 58	25°31'06	20° 6	12°58	9°48	15°59	23°30	14°36	27°33	13° 5	20°10	23°32	23°14	16°32	n.a.	S 27
S 28	19 52 55	26°29'09	2♑27	14°35	10°48	16°38	23°42	14°32	27°35	13° 3	20° 9	23°21	23°10	16°38	n.a.	S 28
M29	19 56 51	27°27'13	15° 3	16°10	11°49	17°17	23°55	14°27	27°38	13° 2	20° 8	23° 9	23° 7	16°45	n.a.	M29
T 30	20 0 48	28°25'19	27°54	17°44	12°50	17°56	24° 7	14°23	27°40	13° 0	20° 8	22°56	23° 4	16°52	n.a.	T 30
W31	20 4 44	29♋23'27	11♒ 0	19♌16	13♊52	18♌35	24♌19	14♑19	27♍42	12♑59	20♓ 7	22♎43	23♎ 1	16♏58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n46	18s52	4n46	24n47	1n10	13n 2	4s 8	21n44	1n12	16n40	1n15	23s26	0s42	1n54	0n41	23s 3	0s 1	19s41	17s17	10s 8	9s40	14s33			n.a.
T 2	23 46	17 28	5 1	24 59	1 17	13 15	4 8	21 36	1 11	16 36	1 14	23 26	0 43	1 53	0 41	23 4	0 1	19 41	17 18	10 4	9 38	14 34			n.a.
W 3	23 45	15 12	5 1	25 9	1 23	13 29	4 6	21 27	1 11	16 33	1 14	23 27	0 43	1 53	0 41	23 4	0 1	19 42	17 18	10 0	9 37	14 35			n.a.
T 4	23 43	12 9	4 46	25 15	1 29	13 44	4 5	21 18	1 11	16 29	1 14	23 28	0 43	1 52	0 41	23 4	0 1	19 42	17 18	9 56	9 36	14 36			n.a.
F 5	23 42	8 27	4 16	25 19	1 34	13 58	4 4	21 9	1 10	16 26	1 14	23 28	0 43	1 52	0 41	23 4	0 1	19 42	17 19	9 53	9 35	14 38			n.a.
S 6	23 40	4 17	3 32	25 20	1 38	14 12	4 2	21 0	1 10	16 22	1 14	23 29	0 43	1 51	0 41	23 4	0 1	19 43	17 19	9 52	9 34	14 39			n.a.
S 7	23 37	0n11	2 35	25 19	1 42	14 27	4 0	20 51	1 10	16 18	1 14	23 30	0 43	1 51	0 41	23 4	0 1	19 43	17 19	9 51	9 33	14 40			n.a.
M 8	23 34	4 43	1 28	25 15	1 44	14 42	3 59	20 42	1 9	16 15	1 14	23 30	0 43	1 50	0 41	23 5	0 1	19 43	17 20	9 51	9 31	14 41			n.a.
T 9	23 31	9 4	0 14	25 8	1 46	14 57	3 57	20 32	1 9	16 11	1 14	23 31	0 43	1 49	0 40	23 5	0 1	19 44	17 20	9 51	9 30	14 42			n.a.
W10	23 27	12 59	1s 1	24 59	1 47	15 12	3 55	20 22	1 9	16 7	1 14	23 32	0 43	1 49	0 40	23 5	0 1	19 44	17 20	9 51	9 29	14 44			n.a.
T 11	23 23	16 9	2 14	24 47	1 48	15 27	3 52	20 13	1 8	16 4	1 14	23 32	0 43	1 48	0 40	23 5	0 1	19 45	17 21	9 50	9 28	14 45			n.a.
F 12	23 18	18 19	3 18	24 33	1 48	15 42	3 50	20 3	1 8	16 0	1 13	23 33	0 44	1 48	0 40	23 5	0 1	19 45	17 21	9 48	9 27	14 46			n.a.
S 13	23 13	19 17	4 9	24 18	1 47	15 56	3 47	19 53	1 8	15 56	1 13	23 34	0 44	1 47	0 40	23 6	0 1	19 46	17 21	9 46	9 25	14 47			n.a.
S 14	23 8	18 56	4 44	24 0	1 46	16 11	3 45	19 42	1 7	15 52	1 13	23 34	0 44	1 46	0 40	23 6	0 1	19 46	17 22	9 42	9 24	14 48			n.a.
M15	23 2	17 22	5 0	23 40	1 45	16 26	3 42	19 32	1 7	15 49	1 13	23 35	0 44	1 45	0 40	23 6	0 1	19 46	17 22	9 38	9 23	14 49			n.a.
T 16	22 55	14 47	4 57	23 19	1 42	16 41	3 39	19 21	1 7	15 45	1 13	23 35	0 44	1 45	0 40	23 6	0 1	19 47	17 22	9 34	9 22	14 51			n.a.
W17	22 49	11 25	4 37	22 56	1 40	16 56	3 36	19 11	1 6	15 41	1 13	23 36	0 44	1 44	0 40	23 6	0 1	19 47	17 23	9 30	9 21	14 52			n.a.
T 18	22 42	7 35	4 2	22 31	1 36	17 10	3 33	19 0	1 6	15 37	1 13	23 37	0 44	1 43	0 40	23 6	0 1	19 48	17 23	9 26	9 19	14 53			n.a.
F 19	22 34	3 29	3 16	22 5	1 33	17 25	3 30	18 49	1 6	15 33	1 13	23 37	0 44	1 42	0 40	23 7	0 1	19 48	17 23	9 24	9 18	14 54			n.a.
S 20	22 26	0s38	2 21	21 38	1 29	17 39	3 27	18 38	1 5	15 29	1 13	23 38	0 44	1 42	0 40	23 7	0 1	19 49	17 24	9 23	9 17	14 55			n.a.
S 21	22 18	4 39	1 20	21 9	1 24	17 53	3 24	18 26	1 5	15 25	1 13	23 39	0 44	1 41	0 40	23 7	0 1	19 49	17 24	9 22	9 16	14 56			n.a.
M22	22 9	8 23	0 18	20 39	1 19	18 7	3 20	18 15	1 5	15 21	1 13	23 39	0 45	1 40	0 40	23 7	0 1	19 50	17 24	9 22	9 15	14 58			n.a.
T 23	22 0	11 45	0n45	20 9	1 14	18 21	3 17	18 3	1 4	15 17	1 13	23 40	0 45	1 39	0 40	23 7	0 1	19 50	17 25	9 22	9 14	14 59			n.a.
W24	21 51	14 38	1 46	19 37	1 9	18 34	3 13	17 52	1 4	15 13	1 13	23 40	0 45	1 38	0 40	23 7	0 1	19 51	17 25	9 22	9 12	15 0			n.a.
T 25	21 41	16 54	2 42	19 5	1 3	18 48	3 10	17 40	1 4	15 9	1 13	23 41	0 45	1 37	0 40	23 8	0 1	19 51	17 25	9 21	9 11	15 1			n.a.
F 26	21 30	18 28	3 31	18 32	0 57	19 1	3 6	17 28	1 3	15 5	1 12	23 41	0 45	1 37	0 40	23 8	0 1	19 52	17 25	9 19	9 10	15 2			n.a.
S 27	21 20	19 13	4 12	17 58	0 51	19 13	3 2	17 16	1 3	15 0	1 12	23 42	0 45	1 36	0 40	23 8	0 1	19 52	17 26	9 16	9 9	15 3			n.a.
S 28	21 9	19 4	4 41	17 23	0 44	19 26	2 58	17 4	1 3	14 56	1 12	23 43	0 45	1 35	0 40	23 8	0 1	19 53	17 26	9 12	9 8	15 4			n.a.
M29	20 57	17 59	4 57	16 48	0 37	19 38	2 54	16 51	1 2	14 52	1 12	23 43	0 45	1 34	0 40	23 8	0 1	19 53	17 26	9 7	9 6	15 6			n.a.
T 30	20 46	15 59	4 59	16 13	0 30	19 50	2 51	16 39	1 2	14 48	1 12	23 44	0 45	1 33	0 40	23 9	0 1	19 54	17 27	9 2	9 5	15 7			n.a.
W31	20n34	13s 8	4n46	15n37	0n23	20n 1	2s47	16n26	1n 1	14n44	1n12	23s44	0s45	1n32	0n40	23s 9	0s 1	19s54	17s27	8s57	9s 4	15s 8			n.a.

Julian Day Number = 1491496.5, Delta T = 05h14m19s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°46'03, Lahiri = -12°39'03 Julian Calendar 1 July 630 BCE == Greg. Calendar 24 June 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

AUGUST 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 8 41	0♌21'37	24♒19	20♌47	14♊53	19♌14	24♌32	14°R14	27♍45	12°R57	20°R 6	22°R33	22♎58	17♏ 5	n.a.	T 1
F 2	20 12 37	1°19'48	7♓49	22°17	15°56	19°53	24°44	14♂10	27°47	12♂56	20♓ 6	22♎24	22°55	17°12	n.a.	F 2
S 3	20 16 34	2°18'02	21°29	23°46	16°58	20°32	24°57	14° 6	27°50	12°54	20° 5	22°19	22°51	17°18	n.a.	S 3
S 4	20 20 30	3°16'18	5♈17	25°14	18° 1	21°11	25° 9	14° 2	27°52	12°52	20° 4	22°16	22°48	17°25	n.a.	S 4
M 5	20 24 27	4°14'36	19°12	26°40	19° 4	21°50	25°22	13°57	27°55	12°51	20° 4	22°D15	22°45	17°32	n.a.	M 5
T 6	20 28 24	5°12'56	3♉13	28° 5	20° 7	22°29	25°34	13°53	27°57	12°49	20° 3	22°R15	22°42	17°38	n.a.	T 6
W 7	20 32 20	6°11'19	17°21	29°28	21°11	23° 9	25°47	13°49	28° 0	12°48	20° 2	22°15	22°39	17°45	n.a.	W 7
T 8	20 36 17	7° 9'44	1♊33	0♍50	22°15	23°48	26° 0	13°45	28° 3	12°47	20° 1	22°13	22°36	17°52	n.a.	T 8
F 9	20 40 13	8° 8'11	15°49	2°11	23°19	24°28	26°12	13°41	28° 6	12°45	20° 0	22° 8	22°32	17°58	n.a.	F 9
S 10	20 44 10	9° 6'41	0♋ 5	3°30	24°23	25° 7	26°25	13°38	28° 8	12°44	20° 0	22° 1	22°29	18° 5	n.a.	S 10
S 11	20 48 6	10° 5'13	14°16	4°48	25°28	25°46	26°38	13°34	28°11	12°42	19°59	21°52	22°26	18°12	n.a.	S 11
M12	20 52 3	11° 3'46	28°19	6° 4	26°33	26°26	26°51	13°30	28°14	12°41	19°58	21°41	22°23	18°18	n.a.	M12
T 13	20 55 59	12° 2'22	12♌ 8	7°19	27°38	27° 6	27° 3	13°26	28°17	12°39	19°57	21°30	22°20	18°25	n.a.	T 13
W14	20 59 56	13° 1'00	25°39	8°32	28°44	27°45	27°16	13°23	28°20	12°38	19°56	21°19	22°16	18°32	n.a.	W14
T 15	21 3 53	13°59'40	8♍50	9°43	29°50	28°25	27°29	13°19	28°23	12°37	19°55	21°11	22°13	18°38	n.a.	T 15
F 16	21 7 49	14°58'22	21°40	10°52	0♎55	29° 5	27°42	13°15	28°26	12°35	19°54	21° 4	22°10	18°45	n.a.	F 16
S 17	21 11 46	15°57'06	4♎10	12° 0	2° 2	29°44	27°55	13°12	28°29	12°34	19°53	21° 1	22° 7	18°52	n.a.	S 17
S 18	21 15 42	16°55'52	16°23	13° 5	3° 8	0♍24	28° 8	13° 9	28°32	12°33	19°53	20°D59	22° 4	18°58	n.a.	S 18
M19	21 19 39	17°54'39	28°23	14° 8	4°15	1° 4	28°21	13° 5	28°35	12°32	19°52	20°59	22° 1	19° 5	n.a.	M19
T 20	21 23 35	18°53'29	10♏15	15° 8	5°21	1°44	28°34	13° 2	28°38	12°30	19°51	21° 0	21°57	19°12	n.a.	T 20
W21	21 27 32	19°52'20	22° 4	16° 6	6°28	2°24	28°47	12°59	28°41	12°29	19°50	21°R 0	21°54	19°18	n.a.	W21
T 22	21 31 28	20°51'13	3♐55	17° 1	7°36	3° 4	29° 0	12°56	28°44	12°28	19°49	20°59	21°51	19°25	n.a.	T 22
F 23	21 35 25	21°50'09	15°54	17°54	8°43	3°44	29°13	12°53	28°47	12°27	19°48	20°56	21°48	19°32	n.a.	F 23
S 24	21 39 21	22°49'06	28° 6	18°42	9°50	4°24	29°26	12°50	28°50	12°26	19°47	20°51	21°45	19°38	n.a.	S 24
S 25	21 43 18	23°48'05	10♑33	19°28	10°58	5° 4	29°39	12°47	28°54	12°24	19°46	20°44	21°41	19°45	n.a.	S 25
M26	21 47 15	24°47'06	23°19	20°10	12° 6	5°44	29°52	12°44	28°57	12°23	19°45	20°35	21°38	19°52	n.a.	M26
T 27	21 51 11	25°46'08	6♒25	20°47	13°14	6°24	0♍ 5	12°41	29° 0	12°22	19°44	20°25	21°35	19°58	n.a.	T 27
W28	21 55 8	26°45'13	19°50	21°20	14°23	7° 4	0°18	12°39	29° 4	12°21	19°43	20°16	21°32	20° 5	n.a.	W28
T 29	21 59 4	27°44'20	3♓32	21°48	15°31	7°45	0°31	12°36	29° 7	12°20	19°42	20° 7	21°29	20°12	n.a.	T 29
F 30	22 3 1	28°43'30	17°27	22°11	16°40	8°25	0°44	12°34	29°10	12°19	19°40	20° 1	21°26	20°18	n.a.	F 30
S 31	22 6 57	29♌42'41	1♈33	22♍28	17♎49	9♍ 5	0♍57	12♂31	29♍14	12♂18	19♓39	19♎58	21♎22	20♏25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n21	9s34	4n16	15n 1	0n16	20n12	2s43	16n14	1n 1	14n39	1n12	23s45	0s45	1n31	0n40	23s 9	0s 1	19s55	17s27	8s53	9s 3	15s 9			n.a.
F 2	20 8	5 29	3 32	14 24	0 8	20 23	2 38	16 1	1 1	14 35	1 12	23 45	0 45	1 30	0 40	23 9	0 1	19 55	17 27	8 50	9 2	15 10			n.a.
S 3	19 55	1 3	2 35	13 47	0 0	20 34	2 34	15 48	1 0	14 31	1 12	23 46	0 45	1 29	0 40	23 9	0 1	19 56	17 28	8 48	9 0	15 11			n.a.
S 4	19 42	3n29	1 29	13 10	0s 7	20 44	2 30	15 35	1 0	14 27	1 12	23 46	0 45	1 28	0 40	23 9	0 1	19 56	17 28	8 47	8 59	15 12			n.a.
M 5	19 28	7 52	0 16	12 33	0 15	20 53	2 26	15 21	1 0	14 22	1 12	23 47	0 46	1 27	0 39	23 9	0 1	19 57	17 28	8 47	8 58	15 13			n.a.
T 6	19 14	11 51	0s58	11 56	0 24	21 2	2 22	15 8	0 59	14 18	1 12	23 47	0 46	1 25	0 39	23 10	0 1	19 57	17 29	8 47	8 57	15 14			n.a.
W 7	18 59	15 11	2 9	11 19	0 32	21 11	2 18	14 55	0 59	14 14	1 12	23 48	0 46	1 24	0 39	23 10	0 1	19 58	17 29	8 47	8 56	15 16			n.a.
T 8	18 44	17 37	3 12	10 42	0 40	21 19	2 13	14 41	0 58	14 9	1 12	23 48	0 46	1 23	0 39	23 10	0 1	19 58	17 29	8 46	8 54	15 17			n.a.
F 9	18 29	18 57	4 4	10 5	0 49	21 27	2 9	14 28	0 58	14 5	1 12	23 49	0 46	1 22	0 39	23 10	0 1	19 59	17 29	8 44	8 53	15 18			n.a.
S 10	18 13	19 6	4 41	9 29	0 57	21 34	2 5	14 14	0 58	14 0	1 12	23 49	0 46	1 21	0 39	23 10	0 1	19 59	17 30	8 42	8 52	15 19			n.a.
S 11	17 58	18 2	5 0	8 52	1 5	21 41	2 0	14 0	0 57	13 56	1 12	23 50	0 46	1 20	0 39	23 10	0 1	20 0	17 30	8 38	8 51	15 20			n.a.
M12	17 41	15 53	5 0	8 16	1 14	21 47	1 56	13 46	0 57	13 51	1 12	23 50	0 46	1 19	0 39	23 11	0 1	20 1	17 30	8 34	8 50	15 21			n.a.
T 13	17 25	12 52	4 43	7 40	1 23	21 53	1 52	13 32	0 56	13 47	1 12	23 51	0 46	1 17	0 39	23 11	0 1	20 1	17 30	8 30	8 48	15 22			n.a.
W14	17 8	9 13	4 10	7 5	1 31	21 59	1 47	13 18	0 56	13 42	1 12	23 51	0 46	1 16	0 39	23 11	0 1	20 2	17 30	8 26	8 47	15 23			n.a.
T 15	16 51	5 13	3 25	6 30	1 40	22 3	1 43	13 3	0 56	13 38	1 12	23 51	0 46	1 15	0 39	23 11	0 1	20 2	17 31	8 22	8 46	15 24			n.a.
F 16	16 34	1 4	2 30	5 56	1 48	22 8	1 38	12 49	0 55	13 33	1 12	23 52	0 46	1 14	0 39	23 11	0 1	20 3	17 31	8 20	8 45	15 25			n.a.
S 17	16 16	3s 2	1 29	5 22	1 56	22 11	1 34	12 34	0 55	13 29	1 12	23 52	0 46	1 13	0 39	23 11	0 1	20 3	17 31	8 19	8 44	15 26			n.a.
S 18	15 59	6 54	0 25	4 49	2 5	22 14	1 30	12 20	0 54	13 24	1 12	23 53	0 46	1 11	0 39	23 11	0 1	20 4	17 31	8 18	8 42	15 27			n.a.
M19	15 40	10 26	0n40	4 17	2 13	22 17	1 25	12 5	0 54	13 20	1 12	23 53	0 46	1 10	0 39	23 12	0 1	20 4	17 31	8 18	8 41	15 29			n.a.
T 20	15 22	13 30	1 41	3 46	2 21	22 19	1 21	11 50	0 53	13 15	1 12	23 53	0 46	1 9	0 39	23 12	0 1	20 5	17 32	8 18	8 40	15 30			n.a.
W21	15 3	15 59	2 38	3 16	2 29	22 20	1 16	11 35	0 53	13 11	1 12	23 54	0 46	1 8	0 39	23 12	0 1	20 6	17 32	8 18	8 39	15 31			n.a.
T 22	14 44	17 48	3 29	2 47	2 37	22 21	1 12	11 20	0 53	13 6	1 12	23 54	0 46	1 6	0 39	23 12	0 1	20 6	17 32	8 18	8 38	15 32			n.a.
F 23	14 25	18 51	4 11	2 20	2 44	22 21	1 8	11 5	0 52	13 1	1 12	23 54	0 46	1 5	0 39	23 12	0 1	20 7	17 32	8 17	8 36	15 33			n.a.
S 24	14 6	19 3	4 42	1 54	2 52	22 21	1 3	10 50	0 52	12 57	1 12	23 55	0 46	1 4	0 39	23 12	0 1	20 7	17 32	8 15	8 35	15 34			n.a.
S 25	13 46	18 21	5 1	1 30	2 59	22 20	0 59	10 35	0 51	12 52	1 12	23 55	0 46	1 2	0 39	23 12	0 1	20 8	17 32	8 12	8 34	15 35			n.a.
M26	13 26	16 42	5 5	1 7	3 5	22 18	0 55	10 19	0 51	12 47	1 12	23 55	0 46	1 1	0 39	23 12	0 1	20 8	17 33	8 9	8 33	15 36			n.a.
T 27	13 6	14 11	4 54	0 46	3 11	22 16	0 50	10 4	0 50	12 43	1 12	23 56	0 47	1 0	0 39	23 13	0 1	20 9	17 33	8 5	8 32	15 37			n.a.
W28	12 46	10 51	4 26	0 28	3 17	22 13	0 46	9 48	0 50	12 38	1 12	23 56	0 47	0 58	0 39	23 13	0 1	20 9	17 33	8 1	8 30	15 38			n.a.
T 29	12 25	6 53	3 43	0 12	3 22	22 10	0 42	9 33	0 50	12 33	1 12	23 56	0 47	0 57	0 39	23 13	0 2	20 10	17 33	7 58	8 29	15 39			n.a.
F 30	12 5	2 29	2 46	0s 1	3 27	22 6	0 38	9 17	0 49	12 29	1 12	23 56	0 47	0 56	0 39	23 13	0 2	20 10	17 33	7 56	8 28	15 40			n.a.
S 31	11n44	2n 7	1n38	0s11	3s31	22n 1	0s33	9n 1	0n49	12n24	1n12	23s57	0s47	0n54	0n39	23s13	0s 2	20s11	17s33	7s55	8s27	15s41			n.a.

Julian Day Number = 1491527.5, Delta T = 05h14m18s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'59, Lahiri = -12°38'58 Julian Calendar 1 Aug. 630 BCE == Greg. Calendar 25 July 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

SEPTEMBER 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 10 54	0♍41'55	15♈44	22♍39	18♋58	9♍46	1♍10	12°R29	29♍17	12°R17	19°R38	19°D56	21♎19	20♏32	n.a.	S 1
M 2	22 14 50	1°41'11	29°58	22°R44	20° 7	10°26	1°23	12♑27	29°21	12♑16	19♓37	19♎56	21°16	20°38	n.a.	M 2
T 3	22 18 47	2°40'30	14♉11	22°41	21°16	11° 7	1°36	12°25	29°24	12°15	19°36	19°58	21°13	20°45	n.a.	T 3
W 4	22 22 44	3°39'51	28°21	22°31	22°26	11°47	1°49	12°23	29°28	12°14	19°35	19°R58	21°10	20°52	n.a.	W 4
T 5	22 26 40	4°39'14	12♊28	22°13	23°35	12°28	2° 2	12°21	29°31	12°14	19°34	19°58	21° 7	20°58	n.a.	T 5
F 6	22 30 37	5°38'41	26°29	21°48	24°45	13° 8	2°16	12°19	29°35	12°13	19°33	19°56	21° 3	21° 5	n.a.	F 6
S 7	22 34 33	6°38'09	10♋24	21°13	25°55	13°49	2°29	12°17	29°38	12°12	19°32	19°53	21° 0	21°12	n.a.	S 7
S 8	22 38 30	7°37'40	24°10	20°31	27° 5	14°30	2°42	12°16	29°42	12°11	19°31	19°47	20°57	21°18	n.a.	S 8
M 9	22 42 26	8°37'14	7♌46	19°41	28°16	15°11	2°55	12°14	29°45	12°11	19°29	19°40	20°54	21°25	n.a.	M 9
T 10	22 46 23	9°36'49	21° 9	18°44	29°26	15°52	3° 8	12°13	29°49	12°10	19°28	19°33	20°51	21°32	n.a.	T 10
W11	22 50 19	10°36'27	4♍18	17°41	0♌37	16°32	3°21	12°12	29°52	12° 9	19°27	19°27	20°47	21°38	n.a.	W11
T 12	22 54 16	11°36'07	17°11	16°32	1°47	17°13	3°34	12°10	29°56	12° 8	19°26	19°21	20°44	21°45	n.a.	T 12
F 13	22 58 12	12°35'49	29°48	15°20	2°58	17°54	3°47	12° 9	29°59	12° 8	19°25	19°18	20°41	21°52	n.a.	F 13
S 14	23 2 9	13°35'33	12♎10	14° 6	4° 9	18°35	4° 0	12° 8	0♎ 3	12° 7	19°24	19°16	20°38	21°58	n.a.	S 14
S 15	23 6 6	14°35'19	24°19	12°53	5°20	19°16	4°13	12° 7	0° 7	12° 7	19°23	19°D16	20°35	22° 5	n.a.	S 15
M16	23 10 2	15°35'07	6♏17	11°42	6°31	19°58	4°26	12° 6	0°11	12° 6	19°21	19°17	20°32	22°12	n.a.	M16
T 17	23 13 59	16°34'57	18° 8	10°36	7°42	20°39	4°39	12° 6	0°14	12° 6	19°20	19°19	20°28	22°18	n.a.	T 17
W18	23 17 55	17°34'49	29°56	9°37	8°54	21°20	4°52	12° 5	0°18	12° 5	19°19	19°20	20°25	22°25	n.a.	W18
T 19	23 21 52	18°34'43	11♐47	8°46	10° 5	22° 1	5° 5	12° 5	0°22	12° 5	19°18	19°22	20°22	22°32	n.a.	T 19
F 20	23 25 48	19°34'38	23°45	8° 5	11°17	22°43	5°18	12° 4	0°25	12° 4	19°17	19°R22	20°19	22°38	n.a.	F 20
S 21	23 29 45	20°34'36	5♑56	7°34	12°29	23°24	5°31	12° 4	0°29	12° 4	19°16	19°21	20°16	22°45	n.a.	S 21
S 22	23 33 41	21°34'35	18°23	7°15	13°40	24° 5	5°43	12° 4	0°33	12° 4	19°15	19°18	20°13	22°52	n.a.	S 22
M23	23 37 38	22°34'36	1♒11	7°D 7	14°52	24°47	5°56	12°D 4	0°37	12° 3	19°13	19°15	20° 9	22°58	n.a.	M23
T 24	23 41 35	23°34'38	14°22	7°11	16° 4	25°28	6° 9	12° 4	0°40	12° 3	19°12	19°11	20° 6	23° 5	n.a.	T 24
W25	23 45 31	24°34'43	27°57	7°25	17°17	26°10	6°22	12° 4	0°44	12° 3	19°11	19° 7	20° 3	23°12	n.a.	W25
T 26	23 49 28	25°34'49	11♓54	7°50	18°29	26°51	6°35	12° 4	0°48	12° 3	19°10	19° 3	20° 0	23°18	n.a.	T 26
F 27	23 53 24	26°34'57	26°11	8°24	19°41	27°33	6°47	12° 4	0°52	12° 3	19° 9	19° 1	19°57	23°25	n.a.	F 27
S 28	23 57 21	27°35'07	10♈42	9° 7	20°54	28°15	7° 0	12° 5	0°56	12° 2	19° 8	19° 0	19°53	23°32	n.a.	S 28
S 29	0 1 17	28°35'19	25°21	9°58	22° 6	28°56	7°13	12° 5	0°59	12° 2	19° 7	19°D 0	19°50	23°38	n.a.	S 29
M30	0 5 14	29♍35'33	10♉ 1	10♍56	23♌19	29♍38	7♍25	12♑ 6	1♎ 3	12♑ 2	19♓ 5	19♎ 1	19♎47	23♏45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n23	6n37	0n23	0s18	3s33	21n55	0s29	8n45	0n48	12n19	1n12	23s57	0s47	0n53	0n39	23s13	0s 2	20s12	17s33	7s54	8s26	15s42		n.a.
M 2	11 1	10 46	0s54	0 22	3 35	21 50	0 25	8 29	0 48	12 15	1 12	23 57	0 47	0 51	0 39	23 13	0 2	20 12	17 34	7 54	8 24	15 43		n.a.
T 3	10 40	14 17	2 7	0 22	3 36	21 43	0 21	8 13	0 47	12 10	1 12	23 57	0 47	0 50	0 39	23 13	0 2	20 13	17 34	7 54	8 23	15 44		n.a.
W 4	10 18	16 56	3 13	0 17	3 36	21 36	0 17	7 57	0 47	12 5	1 12	23 57	0 47	0 49	0 39	23 13	0 2	20 13	17 34	7 55	8 22	15 45		n.a.
T 5	9 56	18 32	4 6	0 9	3 34	21 28	0 13	7 41	0 46	12 1	1 12	23 58	0 47	0 47	0 39	23 13	0 2	20 14	17 34	7 55	8 21	15 46		n.a.
F 6	9 34	18 59	4 44	0n 5	3 31	21 19	0 9	7 25	0 46	11 56	1 12	23 58	0 47	0 46	0 39	23 14	0 2	20 14	17 34	7 54	8 20	15 47		n.a.
S 7	9 12	18 17	5 5	0 23	3 26	21 10	0 5	7 9	0 45	11 51	1 12	23 58	0 47	0 44	0 39	23 14	0 2	20 15	17 34	7 53	8 18	15 48		n.a.
S 8	8 49	16 31	5 9	0 46	3 19	21 1	0 1	6 52	0 45	11 46	1 12	23 58	0 47	0 43	0 39	23 14	0 2	20 15	17 34	7 50	8 17	15 49		n.a.
M 9	8 27	13 50	4 54	1 14	3 10	20 50	0n 3	6 36	0 44	11 42	1 12	23 58	0 47	0 41	0 39	23 14	0 2	20 16	17 34	7 48	8 16	15 50		n.a.
T 10	8 4	10 29	4 24	1 46	3 0	20 39	0 6	6 19	0 44	11 37	1 12	23 59	0 47	0 40	0 39	23 14	0 2	20 16	17 34	7 45	8 15	15 51		n.a.
W11	7 41	6 39	3 40	2 23	2 47	20 28	0 10	6 3	0 43	11 32	1 12	23 59	0 47	0 38	0 39	23 14	0 2	20 17	17 34	7 43	8 14	15 52		n.a.
T 12	7 18	2 35	2 46	3 3	2 33	20 16	0 14	5 46	0 43	11 27	1 12	23 59	0 47	0 37	0 39	23 14	0 2	20 17	17 34	7 41	8 12	15 53		n.a.
F 13	6 55	1s31	1 44	3 46	2 16	20 3	0 17	5 30	0 43	11 23	1 12	23 59	0 47	0 35	0 39	23 14	0 2	20 18	17 34	7 39	8 11	15 54		n.a.
S 14	6 32	5 28	0 39	4 31	1 58	19 49	0 21	5 13	0 42	11 18	1 12	23 59	0 47	0 34	0 39	23 14	0 2	20 18	17 34	7 39	8 10	15 55		n.a.
S 15	6 9	9 7	0n28	5 17	1 39	19 36	0 24	4 56	0 42	11 13	1 12	23 59	0 47	0 32	0 39	23 14	0 2	20 19	17 34	7 38	8 9	15 56		n.a.
M16	5 46	12 21	1 32	6 3	1 19	19 21	0 28	4 39	0 41	11 8	1 12	23 59	0 47	0 31	0 38	23 14	0 2	20 19	17 34	7 39	8 7	15 57		n.a.
T 17	5 22	15 2	2 32	6 47	0 59	19 6	0 31	4 23	0 41	11 4	1 12	23 59	0 47	0 29	0 38	23 14	0 2	20 20	17 34	7 40	8 6	15 58		n.a.
W18	4 58	17 5	3 25	7 29	0 38	18 50	0 35	4 6	0 40	10 59	1 13	23 59	0 47	0 28	0 38	23 14	0 2	20 20	17 34	7 40	8 5	15 59		n.a.
T 19	4 35	18 24	4 9	8 7	0 18	18 34	0 38	3 49	0 40	10 54	1 13	23 59	0 47	0 26	0 38	23 14	0 2	20 21	17 34	7 41	8 4	16 0		n.a.
F 20	4 11	18 54	4 43	8 40	0n 1	18 17	0 41	3 32	0 39	10 49	1 13	23 59	0 47	0 25	0 38	23 14	0 2	20 21	17 34	7 41	8 3	16 1		n.a.
S 21	3 47	18 33	5 6	9 9	0 20	18 0	0 44	3 15	0 39	10 45	1 13	24 0	0 47	0 23	0 38	23 15	0 2	20 22	17 34	7 40	8 1	16 2		n.a.
S 22	3 23	17 18	5 14	9 32	0 37	17 42	0 47	2 58	0 38	10 40	1 13	24 0	0 47	0 22	0 38	23 15	0 2	20 22	17 34	7 39	8 0	16 3		n.a.
M23	2 59	15 10	5 7	9 50	0 53	17 24	0 50	2 40	0 38	10 35	1 13	24 0	0 47	0 20	0 38	23 15	0 2	20 22	17 34	7 38	7 59	16 4		n.a.
T 24	2 35	12 13	4 45	10 2	1 7	17 5	0 53	2 23	0 37	10 30	1 13	24 0	0 47	0 19	0 38	23 15	0 2	20 23	17 34	7 37	7 58	16 5		n.a.
W25	2 11	8 31	4 5	10 8	1 20	16 45	0 56	2 6	0 37	10 26	1 13	24 0	0 47	0 17	0 38	23 15	0 2	20 23	17 34	7 35	7 57	16 6		n.a.
T 26	1 47	4 16	3 10	10 9	1 31	16 26	0 59	1 49	0 36	10 21	1 13	24 0	0 47	0 16	0 38	23 15	0 2	20 24	17 34	7 34	7 55	16 7		n.a.
F 27	1 23	0n20	2 3	10 5	1 41	16 5	1 1	1 32	0 35	10 16	1 13	24 0	0 47	0 14	0 38	23 15	0 2	20 24	17 34	7 33	7 54	16 8		n.a.
S 28	0 58	4 59	0 46	9 56	1 49	15 44	1 4	1 14	0 35	10 12	1 13	23 59	0 47	0 13	0 38	23 15	0 2	20 25	17 34	7 32	7 53	16 9		n.a.
S 29	0 34	9 24	0s35	9 43	1 55	15 23	1 7	0 57	0 34	10 7	1 13	23 59	0 47	0 11	0 38	23 15	0 2	20 25	17 34	7 32	7 52	16 10		n.a.
M30	0n10	13n14	1s54	9n25	2n 0	15n 1	1n 9	0n40	0n34	10n 2	1n13	23s59	0s47	0n10	0n38	23s15	0s 2	20s25	17s34	7s33	7s50	16s11		n.a.

Julian Day Number = 1491558.5, Delta T = 05h14m16s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'55, Lahiri = -12°38'54 Julian Calendar 1 Sept. 630 BCE == Greg. Calendar 25 Aug. 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

OCTOBER 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 9 10	0♎35'49	24♉37	11♍59	24♌32	0♎20	7♍38	12♑ 6	1♎ 7	12°D 2	19°R 4	19♎ 2	19♎44	23♏52	n.a.	T 1
W 2	0 13 7	1°36'07	9♊ 4	13° 9	25°44	1° 2	7°50	12° 7	1°11	12♑ 2	19♓ 3	19° 3	19°41	23°58	n.a.	W 2
T 3	0 17 3	2°36'28	23°18	14°22	26°57	1°44	8° 3	12° 8	1°14	12° 2	19° 2	19° 4	19°38	24° 5	n.a.	T 3
F 4	0 21 0	3°36'51	7♋18	15°40	28°10	2°26	8°15	12° 9	1°18	12° 2	19° 1	19°R 4	19°34	24°12	n.a.	F 4
S 5	0 24 57	4°37'16	21° 2	17° 1	29°23	3° 8	8°28	12°10	1°22	12° 3	19° 0	19° 4	19°31	24°18	n.a.	S 5
S 6	0 28 53	5°37'42	4♌31	18°25	0♍37	3°50	8°40	12°12	1°26	12° 3	18°59	19° 2	19°28	24°25	n.a.	S 6
M 7	0 32 50	6°38'11	17°44	19°51	1°50	4°32	8°52	12°13	1°29	12° 3	18°58	19° 1	19°25	24°32	n.a.	M 7
T 8	0 36 46	7°38'42	0♍43	21°19	3° 3	5°14	9° 5	12°14	1°33	12° 3	18°57	18°59	19°22	24°38	n.a.	T 8
W 9	0 40 43	8°39'15	13°29	22°49	4°17	5°56	9°17	12°16	1°37	12° 3	18°55	18°57	19°18	24°45	n.a.	W 9
T 10	0 44 39	9°39'49	26° 1	24°20	5°30	6°39	9°29	12°18	1°41	12° 4	18°54	18°56	19°15	24°52	n.a.	T 10
F 11	0 48 36	10°40'26	8♎22	25°53	6°44	7°21	9°41	12°19	1°45	12° 4	18°53	18°56	19°12	24°58	n.a.	F 11
S 12	0 52 32	11°41'04	20°32	27°26	7°57	8° 3	9°53	12°21	1°48	12° 4	18°52	18°D56	19° 9	25° 5	n.a.	S 12
S 13	0 56 29	12°41'43	2♏34	28°59	9°11	8°46	10° 5	12°23	1°52	12° 5	18°51	18°56	19° 6	25°12	n.a.	S 13
M14	1 0 26	13°42'24	14°28	0♎34	10°25	9°28	10°17	12°25	1°56	12° 5	18°50	18°56	19° 3	25°18	n.a.	M14
T 15	1 4 22	14°43'07	26°17	2° 8	11°38	10°11	10°29	12°28	1°59	12° 5	18°49	18°57	18°59	25°25	n.a.	T 15
W16	1 8 19	15°43'50	8♐ 5	3°43	12°52	10°53	10°41	12°30	2° 3	12° 6	18°48	18°57	18°56	25°32	n.a.	W16
T 17	1 12 15	16°44'36	19°56	5°18	14° 6	11°36	10°53	12°32	2° 7	12° 6	18°47	18°58	18°53	25°38	n.a.	T 17
F 18	1 16 12	17°45'22	1♑52	6°54	15°20	12°19	11° 5	12°35	2°11	12° 7	18°46	18°58	18°50	25°45	n.a.	F 18
S 19	1 20 8	18°46'10	14° 0	8°29	16°34	13° 1	11°16	12°37	2°14	12° 8	18°45	18°58	18°47	25°52	n.a.	S 19
S 20	1 24 5	19°46'59	26°23	10° 4	17°48	13°44	11°28	12°40	2°18	12° 8	18°44	18°58	18°44	25°58	n.a.	S 20
M21	1 28 1	20°47'48	9♒ 5	11°39	19° 2	14°27	11°40	12°43	2°21	12° 9	18°43	18°58	18°40	26° 5	n.a.	M21
T 22	1 31 58	21°48'39	22°11	13°15	20°16	15°10	11°51	12°45	2°25	12°10	18°42	18°58	18°37	26°12	n.a.	T 22
W23	1 35 54	22°49'31	5♓43	14°50	21°31	15°53	12° 2	12°48	2°29	12°10	18°41	18°58	18°34	26°18	n.a.	W23
T 24	1 39 51	23°50'24	19°42	16°25	22°45	16°36	12°14	12°51	2°32	12°11	18°40	18°59	18°31	26°25	n.a.	T 24
F 25	1 43 48	24°51'18	4♈ 7	18° 0	23°59	17°18	12°25	12°55	2°36	12°12	18°39	18°59	18°28	26°32	n.a.	F 25
S 26	1 47 44	25°52'14	18°52	19°35	25°14	18° 2	12°36	12°58	2°39	12°13	18°39	18°R59	18°24	26°38	n.a.	S 26
S 27	1 51 41	26°53'10	3♉52	21° 9	26°28	18°45	12°47	13° 1	2°43	12°14	18°38	18°59	18°21	26°45	n.a.	S 27
M28	1 55 37	27°54'08	18°57	22°44	27°42	19°28	12°58	13° 5	2°47	12°14	18°37	18°59	18°18	26°52	n.a.	M28
T 29	1 59 34	28°55'07	4♊ 0	24°19	28°57	20°11	13° 9	13° 8	2°50	12°15	18°36	18°57	18°15	26°58	n.a.	T 29
W30	2 3 30	29°56'07	18°51	25°53	0♎11	20°54	13°20	13°12	2°54	12°16	18°35	18°56	18°12	27° 5	n.a.	W30
T 31	2 7 27	0♏57'09	3♋23	27♎28	1♎26	21♎37	13♍31	13♑15	2♎57	12♑17	18♓34	18♎55	18♎ 9	27♏12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	0s14	16n12	3s 5	9n 4	2n 4	14n39	1n11	0n22	0n33	9n58	1n14	23s59	0s47	0n 8	0n38	23s15	0s 2	20s26	17s34	7s33	7s49	16s12			n.a.
W 2	0 39	18 7	4 3	8 40	2 7	14 16	1 14	0 5	0 33	9 53	1 14	23 59	0 47	0 7	0 38	23 15	0 2	20 26	17 34	7 34	7 48	16 13			n.a.
T 3	1 3	18 51	4 45	8 12	2 9	13 53	1 16	0s12	0 32	9 48	1 14	23 59	0 47	0 5	0 38	23 15	0 2	20 26	17 34	7 34	7 47	16 14			n.a.
F 4	1 27	18 24	5 10	7 43	2 9	13 29	1 18	0 30	0 32	9 44	1 14	23 59	0 47	0 4	0 38	23 15	0 2	20 27	17 34	7 34	7 46	16 14			n.a.
S 5	1 52	16 53	5 16	7 10	2 9	13 6	1 20	0 47	0 31	9 39	1 14	23 59	0 47	0 2	0 38	23 15	0 2	20 27	17 34	7 34	7 44	16 15			n.a.
S 6	2 16	14 27	5 5	6 36	2 8	12 41	1 22	1 5	0 31	9 34	1 14	23 59	0 47	0 1	0 38	23 15	0 2	20 28	17 33	7 33	7 43	16 16			n.a.
M 7	2 40	11 19	4 38	6 0	2 7	12 16	1 24	1 22	0 30	9 30	1 14	23 59	0 47	0s 1	0 38	23 15	0 2	20 28	17 33	7 33	7 42	16 17			n.a.
T 8	3 4	7 41	3 57	5 23	2 4	11 51	1 26	1 39	0 30	9 25	1 14	23 59	0 47	0 2	0 38	23 15	0 2	20 28	17 33	7 32	7 41	16 18			n.a.
W 9	3 29	3 45	3 4	4 45	2 2	11 26	1 28	1 57	0 29	9 21	1 14	23 58	0 47	0 4	0 38	23 15	0 2	20 28	17 33	7 31	7 40	16 19			n.a.
T 10	3 53	0s17	2 4	4 5	1 58	11 0	1 29	2 14	0 28	9 16	1 14	23 58	0 47	0 6	0 38	23 15	0 2	20 29	17 33	7 31	7 38	16 20			n.a.
F 11	4 17	4 15	0 58	3 24	1 54	10 34	1 31	2 32	0 28	9 11	1 15	23 58	0 47	0 7	0 38	23 15	0 2	20 29	17 33	7 31	7 37	16 21			n.a.
S 12	4 41	7 59	0n 9	2 43	1 50	10 8	1 32	2 49	0 27	9 7	1 15	23 58	0 47	0 9	0 38	23 15	0 2	20 29	17 33	7 31	7 36	16 22			n.a.
S 13	5 5	11 21	1 15	2 1	1 45	9 41	1 34	3 7	0 27	9 2	1 15	23 58	0 47	0 10	0 38	23 15	0 2	20 30	17 32	7 31	7 35	16 23			n.a.
M14	5 29	14 13	2 17	1 18	1 40	9 14	1 35	3 24	0 26	8 58	1 15	23 58	0 47	0 12	0 38	23 15	0 2	20 30	17 32	7 31	7 33	16 24			n.a.
T 15	5 53	16 28	3 13	0 35	1 35	8 46	1 36	3 42	0 26	8 54	1 15	23 57	0 47	0 13	0 38	23 15	0 2	20 30	17 32	7 31	7 32	16 25			n.a.
W16	6 16	18 0	4 1	0s 8	1 30	8 19	1 37	3 59	0 25	8 49	1 15	23 57	0 47	0 15	0 38	23 15	0 2	20 30	17 32	7 31	7 31	16 25			n.a.
T 17	6 40	18 45	4 38	0 51	1 24	7 51	1 38	4 16	0 25	8 45	1 15	23 57	0 47	0 16	0 38	23 15	0 2	20 31	17 32	7 31	7 30	16 26			n.a.
F 18	7 4	18 41	5 4	1 35	1 18	7 23	1 39	4 34	0 24	8 40	1 15	23 57	0 47	0 17	0 38	23 15	0 2	20 31	17 32	7 32	7 29	16 27			n.a.
S 19	7 27	17 46	5 17	2 19	1 12	6 55	1 40	4 51	0 23	8 36	1 16	23 56	0 47	0 19	0 38	23 15	0 2	20 31	17 31	7 32	7 27	16 28			n.a.
S 20	7 50	16 0	5 15	3 2	1 6	6 26	1 41	5 9	0 23	8 32	1 16	23 56	0 47	0 20	0 38	23 14	0 2	20 31	17 31	7 32	7 26	16 29			n.a.
M21	8 14	13 26	4 59	3 46	0 59	5 57	1 42	5 26	0 22	8 27	1 16	23 56	0 47	0 22	0 38	23 14	0 2	20 32	17 31	7 32	7 25	16 30			n.a.
T 22	8 37	10 7	4 26	4 29	0 53	5 28	1 42	5 43	0 22	8 23	1 16	23 56	0 47	0 23	0 38	23 14	0 2	20 32	17 31	7 32	7 24	16 31			n.a.
W23	9 0	6 10	3 38	5 12	0 46	4 59	1 43	6 0	0 21	8 19	1 16	23 55	0 47	0 25	0 38	23 14	0 2	20 32	17 31	7 32	7 22	16 32			n.a.
T 24	9 23	1 45	2 36	5 56	0 40	4 30	1 43	6 18	0 20	8 14	1 16	23 55	0 47	0 26	0 38	23 14	0 2	20 32	17 30	7 32	7 21	16 33			n.a.
F 25	9 45	2n54	1 22	6 38	0 33	4 0	1 44	6 35	0 20	8 10	1 16	23 55	0 47	0 28	0 38	23 14	0 2	20 32	17 30	7 32	7 20	16 33			n.a.
S 26	10 8	7 30	0 1	7 21	0 27	3 31	1 44	6 52	0 19	8 6	1 17	23 54	0 47	0 29	0 38	23 14	0 2	20 32	17 30	7 32	7 19	16 34			n.a.
S 27	10 30	11 42	1s22	8 3	0 20	3 1	1 44	7 9	0 19	8 2	1 17	23 54	0 47	0 31	0 38	23 14	0 2	20 33	17 30	7 32	7 17	16 35			n.a.
M28	10 52	15 9	2 39	8 45	0 13	2 31	1 45	7 26	0 18	7 58	1 17	23 54	0 47	0 32	0 38	23 14	0 2	20 33	17 29	7 32	7 16	16 36			n.a.
T 29	11 14	17 33	3 45	9 27	0 7	2 1	1 45	7 43	0 17	7 54	1 17	23 53	0 47	0 33	0 38	23 14	0 2	20 33	17 29	7 31	7 15	16 37			n.a.
W30	11 36	18 44	4 35	10 8	0 0	1 31	1 45	8 0	0 17	7 49	1 17	23 53	0 47	0 35	0 38	23 14	0 2	20 33	17 29	7 31	7 14	16 38			n.a.
T 31	11s58	18n38	5s 6	10s49	0s 6	1n 1	1n44	8s17	0n16	7n45	1n17	23s53	0s47	0s36	0n38	23s14	0s 2	20s33	17s29	7s30	7s13	16s39			n.a.

Julian Day Number = 1491588.5, Delta T = 05h14m15s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'50, Lahiri = -12°38'50 Julian Calendar 1 Oct. 630 BCE == Greg. Calendar 24 Sept. 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

NOVEMBER 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 11 24	1♏58'12	17♋34	29♎ 2	2♎41	22♎21	13♍42	13♑19	3♎ 0	12♑18	18°R34	18°R54	18♎ 5	27♏18	n.a.	F 1
S 2	2 15 20	2°59'16	1♌20	0♏37	3°55	23° 4	13°52	13°23	3° 4	12°19	18♓33	18°D53	18° 2	27°25	n.a.	S 2
S 3	2 19 17	4° 0'21	14°44	2°11	5°10	23°47	14° 3	13°27	3° 7	12°20	18°32	18♎54	17°59	27°32	n.a.	S 3
M 4	2 23 13	5° 1'28	27°46	3°45	6°25	24°31	14°13	13°31	3°11	12°22	18°31	18°55	17°56	27°38	n.a.	M 4
T 5	2 27 10	6° 2'36	10♍29	5°20	7°39	25°14	14°24	13°35	3°14	12°23	18°31	18°56	17°53	27°45	n.a.	T 5
W 6	2 31 6	7° 3'44	22°57	6°54	8°54	25°58	14°34	13°39	3°17	12°24	18°30	18°58	17°49	27°52	n.a.	W 6
T 7	2 35 3	8° 4'54	5♎13	8°29	10° 9	26°42	14°44	13°44	3°21	12°25	18°29	18°59	17°46	27°59	n.a.	T 7
F 8	2 38 59	9° 6'05	17°19	10° 3	11°24	27°25	14°54	13°48	3°24	12°26	18°28	18°R59	17°43	28° 5	n.a.	F 8
S 9	2 42 56	10° 7'16	29°18	11°38	12°39	28° 9	15° 4	13°52	3°27	12°27	18°28	18°59	17°40	28°12	n.a.	S 9
S 10	2 46 52	11° 8'29	11♏11	13°12	13°53	28°53	15°14	13°57	3°30	12°29	18°27	18°57	17°37	28°19	n.a.	S 10
M11	2 50 49	12° 9'42	23° 2	14°47	15° 8	29°36	15°24	14° 2	3°33	12°30	18°26	18°55	17°34	28°25	n.a.	M11
T 12	2 54 46	13°10'55	4♐51	16°22	16°23	0♏20	15°33	14° 6	3°37	12°31	18°26	18°51	17°30	28°32	n.a.	T 12
W13	2 58 42	14°12'09	16°41	17°57	17°38	1° 4	15°43	14°11	3°40	12°33	18°25	18°46	17°27	28°39	n.a.	W13
T 14	3 2 39	15°13'24	28°34	19°32	18°53	1°48	15°52	14°16	3°43	12°34	18°25	18°41	17°24	28°45	n.a.	T 14
F 15	3 6 35	16°14'39	10♑32	21° 7	20° 8	2°32	16° 2	14°21	3°46	12°36	18°24	18°37	17°21	28°52	n.a.	F 15
S 16	3 10 32	17°15'54	22°39	22°42	21°23	3°16	16°11	14°26	3°49	12°37	18°24	18°33	17°18	28°59	n.a.	S 16
S 17	3 14 28	18°17'09	4♒59	24°18	22°38	4° 0	16°20	14°31	3°52	12°39	18°23	18°31	17°15	29° 5	n.a.	S 17
M18	3 18 25	19°18'25	17°35	25°54	23°53	4°44	16°29	14°36	3°55	12°40	18°23	18°D30	17°11	29°12	n.a.	M18
T 19	3 22 22	20°19'40	0♓32	27°29	25° 8	5°28	16°38	14°41	3°58	12°42	18°22	18°30	17° 8	29°19	n.a.	T 19
W20	3 26 18	21°20'55	13°54	29° 5	26°23	6°12	16°47	14°46	4° 0	12°43	18°22	18°32	17° 5	29°25	n.a.	W20
T 21	3 30 15	22°22'11	27°42	0♐41	27°38	6°57	16°55	14°52	4° 3	12°45	18°21	18°33	17° 2	29°32	n.a.	T 21
F 22	3 34 11	23°23'26	11♈58	2°18	28°53	7°41	17° 4	14°57	4° 6	12°46	18°21	18°R35	16°59	29°39	n.a.	F 22
S 23	3 38 8	24°24'41	26°39	3°54	0♏ 8	8°25	17°12	15° 3	4° 9	12°48	18°21	18°34	16°55	29°45	n.a.	S 23
S 24	3 42 4	25°25'56	11♉42	5°30	1°23	9° 9	17°21	15° 8	4°12	12°50	18°20	18°33	16°52	29°52	n.a.	S 24
M25	3 46 1	26°27'12	26°58	7° 7	2°39	9°54	17°29	15°14	4°14	12°51	18°20	18°29	16°49	29°59	n.a.	M25
T 26	3 49 57	27°28'27	12♊17	8°43	3°54	10°38	17°37	15°20	4°17	12°53	18°19	18°24	16°46	0♐ 5	n.a.	T 26
W27	3 53 54	28°29'43	27°27	10°20	5° 9	11°23	17°45	15°25	4°20	12°55	18°19	18°17	16°43	0°12	n.a.	W27
T 28	3 57 51	29°30'58	12♋20	11°56	6°24	12° 7	17°52	15°31	4°22	12°57	18°19	18°11	16°40	0°19	n.a.	T 28
F 29	4 1 47	0♐32'14	26°47	13°32	7°39	12°52	18° 0	15°37	4°25	12°58	18°19	18° 6	16°36	0°26	n.a.	F 29
S 30	4 5 44	1♐33'30	10♌46	15♐ 8	8♏54	13♏36	18♍ 8	15♑43	4♎27	13♑ 0	18♓18	18♎ 2	16♎33	0♐32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s19	17n22	5s17	11s29	0s13	0n31	1n44	8s34	0n16	7n41	1n18	23s52	0s47	0s37	0n38	23s14	0s 2	20s33	17s28	7s30	7s11	16s39		n.a.
S 2	12 41	15 6	5 10	12 9	0 19	0 1	1 44	8 51	0 15	7 37	1 18	23 52	0 47	0 39	0 38	23 14	0 2	20 33	17 28	7 30	7 10	16 40		n.a.
S 3	13 2	12 5	4 46	12 48	0 26	0s30	1 44	9 8	0 14	7 33	1 18	23 52	0 47	0 40	0 38	23 13	0 2	20 33	17 28	7 30	7 9	16 41		n.a.
M 4	13 22	8 33	4 7	13 27	0 32	1 0	1 43	9 25	0 14	7 29	1 18	23 51	0 47	0 42	0 39	23 13	0 2	20 33	17 28	7 30	7 8	16 42		n.a.
T 5	13 43	4 42	3 17	14 5	0 38	1 30	1 43	9 42	0 13	7 26	1 18	23 51	0 47	0 43	0 39	23 13	0 2	20 33	17 27	7 31	7 6	16 43		n.a.
W 6	14 3	0 43	2 19	14 42	0 44	2 1	1 42	9 58	0 13	7 22	1 19	23 50	0 47	0 44	0 39	23 13	0 2	20 33	17 27	7 31	7 5	16 44		n.a.
T 7	14 24	3s15	1 15	15 19	0 51	2 31	1 42	10 15	0 12	7 18	1 19	23 50	0 47	0 45	0 39	23 13	0 2	20 33	17 27	7 32	7 4	16 44		n.a.
F 8	14 44	7 2	0 9	15 55	0 56	3 1	1 41	10 31	0 11	7 14	1 19	23 49	0 47	0 47	0 39	23 13	0 2	20 33	17 26	7 32	7 3	16 45		n.a.
S 9	15 3	10 30	0n57	16 31	1 2	3 32	1 40	10 48	0 11	7 10	1 19	23 49	0 47	0 48	0 39	23 13	0 2	20 33	17 26	7 32	7 2	16 46		n.a.
S 10	15 23	13 30	1 59	17 6	1 8	4 2	1 39	11 4	0 10	7 7	1 19	23 48	0 47	0 49	0 39	23 13	0 2	20 33	17 26	7 31	7 0	16 47		n.a.
M11	15 42	15 56	2 57	17 40	1 13	4 32	1 38	11 20	0 9	7 3	1 19	23 48	0 47	0 51	0 39	23 13	0 2	20 33	17 26	7 30	6 59	16 48		n.a.
T 12	16 1	17 41	3 46	18 13	1 19	5 2	1 37	11 37	0 9	6 59	1 20	23 47	0 47	0 52	0 39	23 13	0 2	20 33	17 25	7 29	6 58	16 49		n.a.
W13	16 19	18 41	4 26	18 45	1 24	5 32	1 36	11 53	0 8	6 56	1 20	23 47	0 47	0 53	0 39	23 12	0 2	20 33	17 25	7 27	6 57	16 49		n.a.
T 14	16 37	18 51	4 54	19 16	1 29	6 2	1 35	12 9	0 7	6 52	1 20	23 46	0 47	0 54	0 39	23 12	0 2	20 33	17 25	7 25	6 55	16 50		n.a.
F 15	16 55	18 11	5 10	19 47	1 33	6 32	1 34	12 25	0 7	6 49	1 20	23 46	0 47	0 56	0 39	23 12	0 2	20 33	17 24	7 23	6 54	16 51		n.a.
S 16	17 13	16 42	5 13	20 17	1 38	7 1	1 33	12 41	0 6	6 45	1 20	23 45	0 47	0 57	0 39	23 12	0 2	20 33	17 24	7 22	6 53	16 52		n.a.
S 17	17 31	14 25	5 1	20 45	1 42	7 31	1 31	12 56	0 6	6 42	1 21	23 45	0 47	0 58	0 39	23 12	0 2	20 33	17 24	7 21	6 52	16 53		n.a.
M18	17 48	11 25	4 34	21 13	1 46	8 0	1 30	13 12	0 5	6 39	1 21	23 44	0 47	0 59	0 39	23 12	0 2	20 33	17 23	7 21	6 50	16 53		n.a.
T 19	18 4	7 48	3 53	21 39	1 50	8 29	1 28	13 28	0 4	6 35	1 21	23 44	0 47	1 0	0 39	23 12	0 2	20 33	17 23	7 21	6 49	16 54		n.a.
W20	18 21	3 41	2 58	22 4	1 53	8 58	1 27	13 43	0 4	6 32	1 21	23 43	0 47	1 1	0 39	23 12	0 2	20 33	17 23	7 22	6 48	16 55		n.a.
T 21	18 37	0n47	1 52	22 28	1 57	9 27	1 25	13 58	0 3	6 29	1 22	23 43	0 47	1 2	0 39	23 11	0 2	20 32	17 22	7 22	6 47	16 56		n.a.
F 22	18 53	5 21	0 36	22 51	1 59	9 55	1 24	14 14	0 2	6 26	1 22	23 42	0 47	1 4	0 39	23 11	0 2	20 32	17 22	7 23	6 46	16 57		n.a.
S 23	19 8	9 44	0s44	23 13	2 2	10 24	1 22	14 29	0 2	6 23	1 22	23 41	0 47	1 5	0 39	23 11	0 3	20 32	17 22	7 23	6 44	16 57		n.a.
S 24	19 23	13 36	2 3	23 33	2 4	10 52	1 20	14 44	0 1	6 20	1 22	23 41	0 47	1 6	0 39	23 11	0 3	20 32	17 21	7 22	6 43	16 58		n.a.
M25	19 38	16 36	3 14	23 52	2 6	11 20	1 19	14 59	0 0	6 17	1 22	23 40	0 47	1 7	0 39	23 11	0 3	20 32	17 21	7 20	6 42	16 59		n.a.
T 26	19 52	18 26	4 11	24 9	2 7	11 47	1 17	15 13	0s 0	6 14	1 23	23 39	0 47	1 8	0 39	23 11	0 3	20 32	17 21	7 18	6 41	17 0		n.a.
W27	20 6	18 55	4 50	24 25	2 8	12 14	1 15	15 28	0 1	6 11	1 23	23 39	0 47	1 9	0 39	23 10	0 3	20 31	17 20	7 16	6 39	17 0		n.a.
T 28	20 19	18 4	5 8	24 39	2 9	12 41	1 13	15 43	0 2	6 8	1 23	23 38	0 47	1 10	0 39	23 10	0 3	20 31	17 20	7 14	6 38	17 1		n.a.
F 29	20 33	16 4	5 7	24 52	2 9	13 8	1 11	15 57	0 2	6 5	1 23	23 37	0 47	1 11	0 39	23 10	0 3	20 31	17 19	7 11	6 37	17 2		n.a.
S 30	20s45	13n11	4s46	25s 3	2s 8	13s34	1n 9	16s11	0s 3	6n 2	1n24	23s37	0s47	1s12	0n39	23s10	0s 3	20s31	17s19	7s10	6s36	17s 3		n.a.

Julian Day Number = 1491619.5, Delta T = 05h14m13s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'46, Lahiri = -12°38'46 Julian Calendar 1 Nov. 630 BCE == Greg. Calendar 25 Oct. 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 630 BCE
geocentric

DECEMBER 630 BCE (-629) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 9 40	2♐34'46	24♌15	16♐43	10♏ 9	14♏21	18♍15	15♉49	4♎30	13♉ 2	18°R18	18°R 0	16♎30	0♐39	n.a.	S 1
M 2	4 13 37	3°36'02	7♍18	18°18	11°24	15° 6	18°22	15°55	4°32	13° 4	18♓18	17°D59	16°27	0°46	n.a.	M 2
T 3	4 17 33	4°37'19	19°57	19°52	12°40	15°50	18°29	16° 1	4°34	13° 6	18°18	18♎ 0	16°24	0°52	n.a.	T 3
W 4	4 21 30	5°38'35	2♎17	21°25	13°55	16°35	18°36	16° 7	4°37	13° 8	18°18	18° 2	16°21	0°59	n.a.	W 4
T 5	4 25 26	6°39'51	14°24	22°57	15°10	17°20	18°43	16°13	4°39	13°10	18°18	18°R 3	16°17	1° 6	n.a.	T 5
F 6	4 29 23	7°41'07	26°21	24°27	16°25	18° 5	18°50	16°19	4°41	13°11	18°18	18° 2	16°14	1°12	n.a.	F 6
S 7	4 33 20	8°42'23	8♏12	25°56	17°40	18°50	18°56	16°26	4°43	13°13	18°17	18° 0	16°11	1°19	n.a.	S 7
S 8	4 37 16	9°43'38	20° 1	27°22	18°55	19°34	19° 2	16°32	4°45	13°15	18°17	17°55	16° 8	1°26	n.a.	S 8
M 9	4 41 13	10°44'54	1♐49	28°45	20°10	20°19	19° 9	16°38	4°47	13°17	18°17	17°48	16° 5	1°32	n.a.	M 9
T 10	4 45 9	11°46'08	13°40	0♑ 5	21°26	21° 4	19°15	16°45	4°49	13°19	18°D17	17°38	16° 1	1°39	n.a.	T 10
W11	4 49 6	12°47'23	25°35	1°22	22°41	21°49	19°20	16°51	4°51	13°21	18°17	17°27	15°58	1°46	n.a.	W11
T 12	4 53 2	13°48'36	7♑34	2°33	23°56	22°35	19°26	16°58	4°53	13°23	18°17	17°15	15°55	1°52	n.a.	T 12
F 13	4 56 59	14°49'49	19°40	3°40	25°11	23°20	19°32	17° 4	4°55	13°25	18°17	17° 4	15°52	1°59	n.a.	F 13
S 14	5 0 56	15°51'01	1♒54	4°41	26°26	24° 5	19°37	17°11	4°57	13°27	18°18	16°55	15°49	2° 6	n.a.	S 14
S 15	5 4 52	16°52'12	14°18	5°35	27°41	24°50	19°42	17°18	4°59	13°30	18°18	16°47	15°46	2°12	n.a.	S 15
M16	5 8 49	17°53'23	26°55	6°21	28°56	25°35	19°48	17°24	5° 1	13°32	18°18	16°42	15°42	2°19	n.a.	M16
T 17	5 12 45	18°54'32	9♓48	6°59	0♐12	26°20	19°52	17°31	5° 2	13°34	18°18	16°40	15°39	2°26	n.a.	T 17
W18	5 16 42	19°55'40	23° 1	7°27	1°27	27° 6	19°57	17°38	5° 4	13°36	18°18	16°D40	15°36	2°33	n.a.	W18
T 19	5 20 38	20°56'46	6♈36	7°45	2°42	27°51	20° 2	17°45	5° 6	13°38	18°18	16°40	15°33	2°39	n.a.	T 19
F 20	5 24 35	21°57'52	20°36	7°R52	3°57	28°36	20° 6	17°52	5° 7	13°40	18°19	16°R40	15°30	2°46	n.a.	F 20
S 21	5 28 31	22°58'56	5♉ 2	7°48	5°12	29°22	20°10	17°59	5° 9	13°42	18°19	16°39	15°27	2°53	n.a.	S 21
S 22	5 32 28	24° 0'00	19°50	7°32	6°27	0♐ 7	20°14	18° 5	5°10	13°44	18°19	16°35	15°23	2°59	n.a.	S 22
M23	5 36 25	25° 1'02	4♊56	7° 5	7°42	0°53	20°18	18°12	5°11	13°47	18°19	16°29	15°20	3° 6	n.a.	M23
T 24	5 40 21	26° 2'03	20°10	6°27	8°57	1°38	20°22	18°19	5°13	13°49	18°20	16°20	15°17	3°13	n.a.	T 24
W25	5 44 18	27° 3'03	5♋23	5°39	10°12	2°23	20°26	18°26	5°14	13°51	18°20	16° 9	15°14	3°19	n.a.	W25
T 26	5 48 14	28° 4'02	20°23	4°41	11°27	3° 9	20°29	18°33	5°15	13°53	18°20	15°58	15°11	3°26	n.a.	T 26
F 27	5 52 11	29° 4'59	5♌ 1	3°37	12°42	3°55	20°32	18°40	5°16	13°55	18°21	15°48	15° 7	3°33	n.a.	F 27
S 28	5 56 7	0♑ 5'56	19°10	2°27	13°57	4°40	20°35	18°47	5°17	13°58	18°21	15°40	15° 4	3°39	n.a.	S 28
S 29	6 0 4	1° 6'52	2♍50	1°14	15°13	5°26	20°38	18°55	5°18	14° 0	18°22	15°34	15° 1	3°46	n.a.	S 29
M30	6 4 1	2° 7'47	16° 0	29♐59	16°28	6°11	20°41	19° 2	5°19	14° 2	18°22	15°31	14°58	3°53	n.a.	M30
T 31	6 7 57	3♑ 8'40	28♍43	28♐46	17♐43	6♐57	20♍43	19♑ 9	5♎20	14♑ 4	18♓22	15°D30	14♎55	4♐ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s58	9n41	4s10	25s12	2s 7	14s 0	1n 7	16s25	0s 4	6n 0	1n24	23s36	0s47	1s13	0n39	23s10	0s 3	20s31	17s19	7s 9	6s34	17s 3			n.a.
M 2	21 10	5 49	3 23	25 19	2 5	14 26	1 5	16 39	0 4	5 57	1 24	23 35	0 47	1 14	0 39	23 10	0 3	20 30	17 18	7 9	6 33	17 4			n.a.
T 3	21 21	1 48	2 26	25 25	2 3	14 51	1 3	16 53	0 5	5 54	1 24	23 35	0 47	1 15	0 39	23 9	0 3	20 30	17 18	7 9	6 32	17 5			n.a.
W 4	21 32	2s12	1 24	25 29	2 0	15 16	1 1	17 7	0 6	5 52	1 25	23 34	0 48	1 16	0 39	23 9	0 3	20 30	17 18	7 10	6 31	17 6			n.a.
T 5	21 43	6 3	0 20	25 31	1 56	15 41	0 58	17 21	0 7	5 49	1 25	23 33	0 48	1 16	0 39	23 9	0 3	20 29	17 17	7 10	6 29	17 6			n.a.
F 6	21 54	9 37	0n45	25 30	1 52	16 5	0 56	17 34	0 7	5 47	1 25	23 33	0 48	1 17	0 39	23 9	0 3	20 29	17 17	7 10	6 28	17 7			n.a.
S 7	22 3	12 45	1 47	25 28	1 46	16 28	0 54	17 47	0 8	5 45	1 25	23 32	0 48	1 18	0 39	23 9	0 3	20 29	17 17	7 9	6 27	17 8			n.a.
S 8	22 13	15 22	2 43	25 24	1 40	16 52	0 52	18 0	0 9	5 42	1 26	23 31	0 48	1 19	0 39	23 9	0 3	20 29	17 16	7 7	6 26	17 9			n.a.
M 9	22 22	17 20	3 33	25 19	1 33	17 14	0 49	18 13	0 9	5 40	1 26	23 30	0 48	1 20	0 39	23 8	0 3	20 28	17 16	7 4	6 25	17 9			n.a.
T 10	22 30	18 34	4 13	25 11	1 25	17 37	0 47	18 26	0 10	5 38	1 26	23 29	0 48	1 21	0 39	23 8	0 3	20 28	17 15	7 1	6 23	17 10			n.a.
W11	22 39	18 59	4 43	25 1	1 16	17 59	0 45	18 39	0 11	5 36	1 26	23 29	0 48	1 21	0 39	23 8	0 3	20 28	17 15	6 56	6 22	17 11			n.a.
T 12	22 46	18 33	5 0	24 50	1 5	18 20	0 42	18 51	0 11	5 34	1 27	23 28	0 48	1 22	0 39	23 8	0 3	20 27	17 15	6 52	6 21	17 12			n.a.
F 13	22 54	17 17	5 4	24 37	0 54	18 41	0 40	19 3	0 12	5 32	1 27	23 27	0 48	1 23	0 39	23 8	0 3	20 27	17 14	6 48	6 20	17 12			n.a.
S 14	23 0	15 14	4 54	24 23	0 42	19 1	0 37	19 15	0 13	5 30	1 27	23 26	0 48	1 24	0 39	23 7	0 3	20 26	17 14	6 44	6 18	17 13			n.a.
S 15	23 7	12 27	4 30	24 7	0 28	19 21	0 35	19 27	0 13	5 28	1 28	23 25	0 48	1 24	0 39	23 7	0 3	20 26	17 14	6 41	6 17	17 14			n.a.
M16	23 12	9 4	3 53	23 51	0 14	19 40	0 32	19 39	0 14	5 26	1 28	23 25	0 48	1 25	0 39	23 7	0 3	20 26	17 13	6 39	6 16	17 14			n.a.
T 17	23 18	5 10	3 3	23 33	0n 2	19 59	0 30	19 50	0 15	5 25	1 28	23 24	0 48	1 26	0 39	23 7	0 3	20 25	17 13	6 38	6 15	17 15			n.a.
W18	23 23	0 56	2 3	23 15	0 18	20 17	0 27	20 2	0 16	5 23	1 28	23 23	0 48	1 26	0 40	23 7	0 3	20 25	17 12	6 38	6 13	17 16			n.a.
T 19	23 27	3n28	0 53	22 57	0 35	20 35	0 25	20 13	0 16	5 21	1 29	23 22	0 48	1 27	0 40	23 6	0 3	20 24	17 12	6 38	6 12	17 17			n.a.
F 20	23 31	7 50	0s21	22 39	0 53	20 52	0 22	20 24	0 17	5 20	1 29	23 21	0 48	1 27	0 40	23 6	0 3	20 24	17 12	6 38	6 11	17 17			n.a.
S 21	23 35	11 52	1 36	22 20	1 12	21 8	0 20	20 35	0 18	5 18	1 29	23 20	0 48	1 28	0 40	23 6	0 3	20 24	17 11	6 38	6 10	17 18			n.a.
S 22	23 38	15 16	2 47	22 2	1 31	21 24	0 17	20 45	0 18	5 17	1 29	23 19	0 48	1 28	0 40	23 6	0 3	20 23	17 11	6 36	6 8	17 19			n.a.
M23	23 40	17 42	3 47	21 45	1 50	21 39	0 15	20 56	0 19	5 16	1 30	23 18	0 48	1 29	0 40	23 5	0 3	20 23	17 11	6 34	6 7	17 19			n.a.
T 24	23 42	18 53	4 32	21 29	2 8	21 54	0 12	21 6	0 20	5 15	1 30	23 17	0 48	1 30	0 40	23 5	0 3	20 22	17 10	6 30	6 6	17 20			n.a.
W25	23 44	18 43	4 57	21 13	2 26	22 7	0 10	21 16	0 20	5 13	1 30	23 17	0 48	1 30	0 40	23 5	0 3	20 22	17 10	6 26	6 5	17 21			n.a.
T 26	23 45	17 14	5 1	20 59	2 42	22 21	0 7	21 25	0 21	5 12	1 31	23 16	0 48	1 30	0 40	23 5	0 3	20 21	17 10	6 22	6 3	17 21			n.a.
F 27	23 46	14 40	4 45	20 46	2 57	22 33	0 5	21 35	0 22	5 11	1 31	23 15	0 48	1 31	0 40	23 5	0 3	20 21	17 9	6 18	6 2	17 22			n.a.
S 28	23 46	11 17	4 12	20 35	3 10	22 45	0 2	21 44	0 23	5 10	1 31	23 14	0 48	1 31	0 40	23 4	0 3	20 20	17 9	6 15	6 1	17 23			n.a.
S 29	23 46	7 24	3 26	20 25	3 21	22 56	0s 0	21 53	0 23	5 9	1 31	23 13	0 48	1 32	0 40	23 4	0 3	20 20	17 8	6 13	6 0	17 23			n.a.
M30	23 45	3 18	2 30	20 16	3 30	23 7	0 3	22 2	0 24	5 9	1 32	23 12	0 48	1 32	0 40	23 4	0 3	20 19	17 8	6 12	5 58	17 24			n.a.
T 31	23s44	0s49	1s28	20s10	3n36	23s17	0s 5	22s11	0s25	5n 8	1n32	23s11	0s49	1s32	0n40	23s 4	0s 3	20s19	17s 8	6s11	5s57	17s25			n.a.

Julian Day Number = 1491649.5, Delta T = 05h14m12s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'42, Lahiri = -12°38'42 Julian Calendar 1 Dec. 630 BCE == Greg. Calendar 24 Nov. 630 BCE

The year -629 astronomical counting style corresponds to year 630 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

JANUARY 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 11 54	4♑ 9'33	11♎ 5	27°R36	18♐58	7♐43	20♍46	19♑16	5♎21	14♑ 7	18♓23	15°R30	14♎52	4♐ 6	n.a.	W 1
T 2	6 15 50	5°10'25	23°10	26♐31	20°13	8°29	20°48	19°23	5°22	14° 9	18°23	15♎30	14°48	4°13	n.a.	T 2
F 3	6 19 47	6°11'15	5♏ 5	25°31	21°28	9°14	20°50	19°30	5°23	14°11	18°24	15°29	14°45	4°20	n.a.	F 3
S 4	6 23 43	7°12'05	16°54	24°38	22°43	10° 0	20°51	19°38	5°24	14°13	18°24	15°25	14°42	4°26	n.a.	S 4
S 5	6 27 40	8°12'53	28°41	23°53	23°58	10°46	20°53	19°45	5°24	14°16	18°25	15°18	14°39	4°33	n.a.	S 5
M 6	6 31 36	9°13'40	10♐31	23°17	25°13	11°32	20°54	19°52	5°25	14°18	18°26	15° 9	14°36	4°40	n.a.	M 6
T 7	6 35 33	10°14'26	22°26	22°48	26°28	12°18	20°55	19°59	5°25	14°20	18°26	14°57	14°33	4°46	n.a.	T 7
W 8	6 39 30	11°15'10	4♑27	22°27	27°43	13° 4	20°56	20° 7	5°26	14°22	18°27	14°42	14°29	4°53	n.a.	W 8
T 9	6 43 26	12°15'53	16°37	22°15	28°58	13°50	20°57	20°14	5°26	14°25	18°28	14°27	14°26	5° 0	n.a.	T 9
F 10	6 47 23	13°16'34	28°55	22°D10	0♑13	14°36	20°58	20°21	5°27	14°27	18°28	14°13	14°23	5° 6	n.a.	F 10
S 11	6 51 19	14°17'14	11♒23	22°12	1°27	15°22	20°58	20°29	5°27	14°29	18°29	14° 0	14°20	5°13	n.a.	S 11
S 12	6 55 16	15°17'51	24° 0	22°21	2°42	16° 8	20°58	20°36	5°27	14°32	18°30	13°50	14°17	5°20	n.a.	S 12
M13	6 59 12	16°18'27	6♓48	22°37	3°57	16°54	20°R58	20°43	5°28	14°34	18°30	13°43	14°13	5°27	n.a.	M13
T 14	7 3 9	17°19'01	19°49	22°58	5°12	17°40	20°58	20°51	5°28	14°36	18°31	13°39	14°10	5°33	n.a.	T 14
W15	7 7 5	18°19'33	3♈ 4	23°25	6°27	18°26	20°58	20°58	5°28	14°38	18°32	13°38	14° 7	5°40	n.a.	W15
T 16	7 11 2	19°20'03	16°35	23°57	7°42	19°12	20°57	21° 5	5°28	14°41	18°33	13°38	14° 4	5°47	n.a.	T 16
F 17	7 14 59	20°20'31	0♉25	24°34	8°57	19°58	20°57	21°13	5°R28	14°43	18°33	13°38	14° 1	5°53	n.a.	F 17
S 18	7 18 55	21°20'56	14°34	25°15	10°12	20°44	20°56	21°20	5°28	14°45	18°34	13°36	13°58	6° 0	n.a.	S 18
S 19	7 22 52	22°21'20	29° 2	26° 0	11°27	21°30	20°55	21°28	5°28	14°47	18°35	13°32	13°54	6° 7	n.a.	S 19
M20	7 26 48	23°21'42	13♊46	26°48	12°41	22°17	20°53	21°35	5°28	14°50	18°36	13°26	13°51	6°13	n.a.	M20
T 21	7 30 45	24°22'02	28°39	27°40	13°56	23° 3	20°52	21°42	5°27	14°52	18°37	13°16	13°48	6°20	n.a.	T 21
W22	7 34 41	25°22'20	13♋34	28°35	15°11	23°49	20°50	21°50	5°27	14°54	18°38	13° 5	13°45	6°27	n.a.	W22
T 23	7 38 38	26°22'35	28°22	29°33	16°26	24°35	20°48	21°57	5°27	14°56	18°39	12°54	13°42	6°33	n.a.	T 23
F 24	7 42 34	27°22'49	12♌53	0♑34	17°41	25°21	20°46	22° 4	5°26	14°59	18°40	12°43	13°39	6°40	n.a.	F 24
S 25	7 46 31	28°23'01	27° 2	1°37	18°55	26° 8	20°44	22°12	5°26	15° 1	18°41	12°34	13°35	6°47	n.a.	S 25
S 26	7 50 28	29°23'11	10♍44	2°43	20°10	26°54	20°42	22°19	5°26	15° 3	18°42	12°28	13°32	6°54	n.a.	S 26
M27	7 54 24	0♒23'20	23°59	3°51	21°25	27°40	20°39	22°26	5°25	15° 5	18°43	12°24	13°29	7° 0	n.a.	M27
T 28	7 58 21	1°23'26	6♎48	5° 1	22°40	28°27	20°36	22°34	5°24	15° 8	18°44	12°D23	13°26	7° 7	n.a.	T 28
W29	8 2 17	2°23'31	19°14	6°13	23°54	29°13	20°33	22°41	5°24	15°10	18°45	12°23	13°23	7°14	n.a.	W29
T 30	8 6 14	3°23'34	1♏23	7°27	25° 9	29°59	20°30	22°48	5°23	15°12	18°46	12°R23	13°19	7°20	n.a.	T 30
F 31	8 10 10	4♒23'36	13♏21	8♑42	26♑24	0♑46	20♍27	22♑55	5♎22	15♑14	18♓47	12♎22	13♎16	7♐27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s42	4 s48	0 s23	20 s 5	3n40	23 s26	0 s 8	22 s19	0 s25	5n 7	1n32	23 s10	0 s49	1 s33	0n40	23 s 3	0 s 3	20 s18	17 s 7	6 s11	5 s56	17 s25			n.a.
T 2	23 40	8 30	0n41	20 2	3 41	23 34	0 10	22 27	0 26	5 7	1 33	23 9	0 49	1 33	0 40	23 3	0 3	20 18	17 7	6 11	5 55	17 26			n.a.
F 3	23 37	11 48	1 42	20 1	3 41	23 42	0 13	22 35	0 27	5 6	1 33	23 8	0 49	1 33	0 40	23 3	0 3	20 17	17 7	6 11	5 53	17 27			n.a.
S 4	23 34	14 35	2 38	20 2	3 38	23 49	0 15	22 43	0 28	5 6	1 33	23 7	0 49	1 34	0 40	23 3	0 3	20 17	17 6	6 9	5 52	17 27			n.a.
S 5	23 31	16 46	3 27	20 4	3 33	23 55	0 17	22 50	0 28	5 5	1 33	23 6	0 49	1 34	0 40	23 3	0 3	20 16	17 6	6 6	5 51	17 28			n.a.
M 6	23 27	18 15	4 7	20 9	3 27	24 1	0 20	22 57	0 29	5 5	1 34	23 5	0 49	1 34	0 40	23 2	0 3	20 16	17 6	6 3	5 50	17 29			n.a.
T 7	23 22	18 56	4 37	20 14	3 20	24 5	0 22	23 4	0 30	5 5	1 34	23 4	0 49	1 34	0 40	23 2	0 3	20 15	17 5	5 58	5 48	17 29			n.a.
W 8	23 17	18 47	4 55	20 22	3 12	24 9	0 25	23 11	0 30	5 5	1 34	23 3	0 49	1 34	0 40	23 2	0 3	20 15	17 5	5 52	5 47	17 30			n.a.
T 9	23 12	17 46	4 59	20 30	3 2	24 13	0 27	23 17	0 31	5 5	1 35	23 2	0 49	1 35	0 40	23 2	0 3	20 14	17 5	5 46	5 46	17 31			n.a.
F 10	23 6	15 56	4 50	20 40	2 53	24 15	0 29	23 24	0 32	5 5	1 35	23 1	0 49	1 35	0 40	23 1	0 3	20 13	17 4	5 41	5 45	17 31			n.a.
S 11	22 59	13 20	4 27	20 50	2 42	24 17	0 31	23 30	0 33	5 5	1 35	23 0	0 49	1 35	0 40	23 1	0 3	20 13	17 4	5 36	5 44	17 32			n.a.
S 12	22 53	10 5	3 50	21 2	2 31	24 18	0 34	23 35	0 33	5 5	1 36	22 59	0 49	1 35	0 40	23 1	0 3	20 12	17 4	5 32	5 42	17 33			n.a.
M13	22 45	6 20	3 1	21 14	2 20	24 18	0 36	23 41	0 34	5 5	1 36	22 57	0 49	1 35	0 40	23 1	0 3	20 12	17 3	5 29	5 41	17 33			n.a.
T 14	22 38	2 13	2 2	21 26	2 9	24 18	0 38	23 46	0 35	5 6	1 36	22 56	0 49	1 35	0 40	23 0	0 3	20 11	17 3	5 28	5 40	17 34			n.a.
W15	22 30	2n 5	0 56	21 39	1 57	24 17	0 40	23 51	0 35	5 6	1 36	22 55	0 49	1 35	0 40	23 0	0 3	20 10	17 3	5 27	5 39	17 34			n.a.
T 16	22 21	6 22	0 s16	21 52	1 46	24 15	0 42	23 55	0 36	5 7	1 37	22 54	0 50	1 35	0 40	23 0	0 3	20 10	17 2	5 27	5 37	17 35			n.a.
F 17	22 12	10 25	1 28	22 5	1 35	24 12	0 44	24 0	0 37	5 7	1 37	22 53	0 50	1 35	0 40	23 0	0 3	20 9	17 2	5 27	5 36	17 36			n.a.
S 18	22 3	13 57	2 36	22 18	1 23	24 8	0 46	24 4	0 38	5 8	1 37	22 52	0 50	1 35	0 40	22 59	0 3	20 9	17 2	5 26	5 35	17 36			n.a.
S 19	21 53	16 43	3 35	22 30	1 12	24 4	0 48	24 8	0 38	5 9	1 38	22 51	0 50	1 35	0 41	22 59	0 3	20 8	17 1	5 25	5 34	17 37			n.a.
M20	21 43	18 26	4 22	22 43	1 1	23 59	0 50	24 11	0 39	5 9	1 38	22 50	0 50	1 35	0 41	22 59	0 3	20 7	17 1	5 22	5 32	17 38			n.a.
T 21	21 32	18 54	4 51	22 54	0 50	23 53	0 52	24 15	0 40	5 10	1 38	22 49	0 50	1 35	0 41	22 59	0 3	20 7	17 1	5 19	5 31	17 38			n.a.
W22	21 21	18 5	5 1	23 6	0 40	23 47	0 54	24 18	0 40	5 11	1 38	22 48	0 50	1 35	0 41	22 59	0 3	20 6	17 1	5 14	5 30	17 39			n.a.
T 23	21 10	16 2	4 50	23 17	0 29	23 40	0 56	24 20	0 41	5 12	1 39	22 46	0 50	1 34	0 41	22 58	0 3	20 5	17 0	5 10	5 29	17 39			n.a.
F 24	20 58	13 1	4 21	23 27	0 19	23 32	0 58	24 23	0 42	5 13	1 39	22 45	0 50	1 34	0 41	22 58	0 3	20 5	17 0	5 5	5 27	17 40			n.a.
S 25	20 46	9 18	3 36	23 36	0 10	23 23	0 59	24 25	0 42	5 14	1 39	22 44	0 50	1 34	0 41	22 58	0 3	20 4	17 0	5 2	5 26	17 41			n.a.
S 26	20 34	5 11	2 39	23 44	0 s 0	23 14	1 1	24 27	0 43	5 15	1 39	22 43	0 50	1 34	0 41	22 58	0 3	20 4	16 59	4 59	5 25	17 41			n.a.
M27	20 21	0 57	1 36	23 52	0 9	23 4	1 3	24 29	0 44	5 17	1 40	22 42	0 50	1 34	0 41	22 57	0 3	20 3	16 59	4 58	5 24	17 42			n.a.
T 28	20 7	3 s11	0 30	23 59	0 18	22 53	1 4	24 30	0 45	5 18	1 40	22 41	0 50	1 33	0 41	22 57	0 3	20 2	16 59	4 57	5 22	17 42			n.a.
W29	19 54	7 4	0n36	24 4	0 27	22 42	1 6	24 31	0 45	5 20	1 40	22 40	0 51	1 33	0 41	22 57	0 3	20 2	16 59	4 57	5 21	17 43			n.a.
T 30	19 40	10 34	1 39	24 9	0 36	22 30	1 7	24 32	0 46	5 21	1 41	22 39	0 51	1 33	0 41	22 57	0 3	20 1	16 58	4 57	5 20	17 43			n.a.
F 31	19 s26	13 s34	2n37	24 s12	0 s44	22 s17	1 s 9	24 s33	0 s47	5n23	1n41	22 s37	0 s51	1 s32	0n41	22 s56	0 s 3	20 s 0	16 s58	4 s57	5 s19	17 s44			n.a.

Julian Day Number = 1491680.5, Delta T = 05h14m11s
Ecliptic obliquity = 23°46'06, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'38, Lahiri = -12°38'37 Julian Calendar 1 Jan. 629 BCE == Greg. Calendar 25 Dec. 630 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

FEBRUARY 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 14 7	5♒23'36	25♏11	9♉59	27♉38	1♉32	20°R23	23♉ 3	5°R22	15♉16	18♓48	12°R20	13♎13	7♐34	n.a.	S 1
S 2	8 18 3	6°23'34	7♐ 0	11°18	28°53	2°18	20♍20	23°10	5♎21	15°18	18°49	12♎16	13°10	7°40	n.a.	S 2
M 3	8 22 0	7°23'30	18°53	12°39	0♒ 8	3° 5	20°16	23°17	5°20	15°21	18°50	12° 9	13° 7	7°47	n.a.	M 3
T 4	8 25 56	8°23'24	0♉51	14° 0	1°23	3°51	20°12	23°24	5°19	15°23	18°51	12° 0	13° 4	7°54	n.a.	T 4
W 5	8 29 53	9°23'17	13° 0	15°24	2°37	4°38	20° 8	23°31	5°18	15°25	18°52	11°49	13° 0	8° 1	n.a.	W 5
T 6	8 33 50	10°23'07	25°20	16°49	3°52	5°24	20° 3	23°39	5°17	15°27	18°53	11°37	12°57	8° 7	n.a.	T 6
F 7	8 37 46	11°22'55	7♒53	18°15	5° 6	6°10	19°59	23°46	5°16	15°29	18°54	11°25	12°54	8°14	n.a.	F 7
S 8	8 41 43	12°22'42	20°37	19°42	6°21	6°57	19°54	23°53	5°15	15°31	18°55	11°15	12°51	8°21	n.a.	S 8
S 9	8 45 39	13°22'26	3♓34	21°11	7°36	7°43	19°49	24° 0	5°13	15°33	18°57	11° 7	12°48	8°27	n.a.	S 9
M10	8 49 36	14°22'08	16°43	22°41	8°50	8°30	19°44	24° 7	5°12	15°35	18°58	11° 2	12°44	8°34	n.a.	M10
T 11	8 53 32	15°21'47	0♈ 2	24°13	10° 5	9°16	19°39	24°14	5°11	15°37	18°59	10°59	12°41	8°41	n.a.	T 11
W12	8 57 29	16°21'24	13°32	25°45	11°19	10° 3	19°34	24°21	5° 9	15°39	19° 0	10°D59	12°38	8°47	n.a.	W12
T 13	9 1 25	17°20'59	27°14	27°19	12°34	10°49	19°28	24°28	5° 8	15°41	19° 1	11° 0	12°35	8°54	n.a.	T 13
F 14	9 5 22	18°20'32	11♉ 6	28°55	13°48	11°36	19°23	24°35	5° 7	15°43	19° 3	11° 1	12°32	9° 1	n.a.	F 14
S 15	9 9 19	19°20'02	25°10	0♒31	15° 3	12°22	19°17	24°42	5° 5	15°45	19° 4	11°R 1	12°29	9° 8	n.a.	S 15
S 16	9 13 15	20°19'29	9♊24	2° 9	16°18	13° 8	19°11	24°49	5° 4	15°47	19° 5	10°59	12°25	9°14	n.a.	S 16
M17	9 17 12	21°18'54	23°46	3°48	17°32	13°55	19° 5	24°56	5° 2	15°49	19° 6	10°55	12°22	9°21	n.a.	M17
T 18	9 21 8	22°18'17	8♋13	5°29	18°46	14°41	18°59	25° 3	5° 1	15°51	19° 8	10°50	12°19	9°28	n.a.	T 18
W19	9 25 5	23°17'37	22°41	7°10	20° 1	15°28	18°53	25° 9	4°59	15°53	19° 9	10°42	12°16	9°34	n.a.	W19
T 20	9 29 1	24°16'55	7♌ 2	8°53	21°15	16°14	18°47	25°16	4°57	15°55	19°10	10°35	12°13	9°41	n.a.	T 20
F 21	9 32 58	25°16'11	21°12	10°38	22°30	17° 1	18°40	25°23	4°56	15°57	19°12	10°28	12°10	9°48	n.a.	F 21
S 22	9 36 54	26°15'24	5♍ 4	12°23	23°44	17°47	18°34	25°30	4°54	15°59	19°13	10°22	12° 6	9°54	n.a.	S 22
S 23	9 40 51	27°14'35	18°36	14°10	24°59	18°34	18°27	25°36	4°52	16° 1	19°14	10°18	12° 3	10° 1	n.a.	S 23
M24	9 44 47	28°13'45	1♎46	15°59	26°13	19°20	18°21	25°43	4°50	16° 2	19°15	10°16	12° 0	10° 8	n.a.	M24
T 25	9 48 44	29°12'52	14°34	17°48	27°27	20° 7	18°14	25°50	4°48	16° 4	19°17	10°D15	11°57	10°15	n.a.	T 25
W26	9 52 41	0♓11'57	27° 2	19°39	28°42	20°53	18° 7	25°56	4°46	16° 6	19°18	10°16	11°54	10°21	n.a.	W26
T 27	9 56 37	1°11'00	9♏14	21°32	29°56	21°39	18° 0	26° 3	4°44	16° 8	19°19	10°18	11°50	10°28	n.a.	T 27
F 28	10 0 34	2°10'02	21°14	23°26	1♓10	22°26	17°53	26° 9	4°42	16° 9	19°21	10°19	11°47	10°35	n.a.	F 28
S 29	10 4 30	3♓ 9'01	3♐ 7	25♒21	2♓25	23♉12	17♍46	26♉15	4♎40	16♉11	19♓22	10°R20	11♎44	10♐41	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s11	15s58	3n27	24s15	0s51	22s 4	1s10	24s33	0s47	5n24	1n41	22s36	0s51	1s32	0n41	22s56	0s 3	20s 0	16s58	4s56	5s17	17s45		n.a.
S 2	18 56	17 42	4 8	24 16	0 59	21 50	1 11	24 33	0 48	5 26	1 41	22 35	0 51	1 32	0 41	22 56	0 3	19 59	16 58	4 55	5 16	17 45		n.a.
M 3	18 41	18 40	4 39	24 15	1 6	21 35	1 12	24 33	0 49	5 28	1 42	22 34	0 51	1 31	0 41	22 56	0 3	19 58	16 57	4 52	5 15	17 46		n.a.
T 4	18 25	18 48	4 58	24 14	1 13	21 19	1 14	24 32	0 49	5 29	1 42	22 33	0 51	1 31	0 41	22 55	0 3	19 58	16 57	4 48	5 14	17 46		n.a.
W 5	18 9	18 6	5 3	24 11	1 19	21 3	1 15	24 31	0 50	5 31	1 42	22 32	0 51	1 30	0 41	22 55	0 3	19 57	16 57	4 44	5 12	17 47		n.a.
T 6	17 53	16 32	4 55	24 6	1 25	20 47	1 16	24 30	0 51	5 33	1 42	22 30	0 51	1 30	0 41	22 55	0 3	19 56	16 57	4 39	5 11	17 47		n.a.
F 7	17 36	14 10	4 32	24 1	1 31	20 30	1 17	24 29	0 51	5 35	1 42	22 29	0 51	1 29	0 41	22 55	0 3	19 56	16 56	4 35	5 10	17 48		n.a.
S 8	17 19	11 6	3 55	23 53	1 37	20 12	1 18	24 27	0 52	5 37	1 43	22 28	0 51	1 29	0 41	22 54	0 3	19 55	16 56	4 31	5 8	17 49		n.a.
S 9	17 2	7 27	3 6	23 45	1 42	19 54	1 19	24 25	0 53	5 40	1 43	22 27	0 52	1 28	0 41	22 54	0 3	19 54	16 56	4 28	5 7	17 49		n.a.
M10	16 45	3 23	2 6	23 34	1 46	19 35	1 20	24 23	0 53	5 42	1 43	22 26	0 52	1 28	0 41	22 54	0 3	19 54	16 56	4 25	5 6	17 50		n.a.
T 11	16 27	0n54	0 58	23 23	1 50	19 15	1 20	24 20	0 54	5 44	1 43	22 25	0 52	1 27	0 41	22 54	0 3	19 53	16 55	4 24	5 5	17 50		n.a.
W12	16 9	5 12	0s14	23 9	1 54	18 55	1 21	24 17	0 55	5 46	1 44	22 24	0 52	1 27	0 41	22 54	0 3	19 52	16 55	4 24	5 3	17 51		n.a.
T 13	15 51	9 17	1 26	22 54	1 58	18 35	1 22	24 14	0 55	5 49	1 44	22 22	0 52	1 26	0 41	22 53	0 3	19 52	16 55	4 24	5 2	17 51		n.a.
F 14	15 32	12 55	2 35	22 38	2 1	18 13	1 22	24 11	0 56	5 51	1 44	22 21	0 52	1 26	0 41	22 53	0 4	19 51	16 55	4 25	5 1	17 52		n.a.
S 15	15 14	15 51	3 35	22 19	2 3	17 52	1 23	24 7	0 57	5 53	1 44	22 20	0 52	1 25	0 41	22 53	0 4	19 50	16 55	4 25	5 0	17 52		n.a.
S 16	14 55	17 51	4 22	21 59	2 6	17 30	1 24	24 4	0 57	5 56	1 44	22 19	0 52	1 24	0 41	22 53	0 4	19 50	16 55	4 24	4 58	17 53		n.a.
M17	14 35	18 44	4 54	21 38	2 7	17 7	1 24	23 59	0 58	5 58	1 45	22 18	0 52	1 24	0 41	22 52	0 4	19 49	16 54	4 23	4 57	17 53		n.a.
T 18	14 16	18 24	5 7	21 14	2 9	16 44	1 24	23 55	0 59	6 1	1 45	22 17	0 52	1 23	0 41	22 52	0 4	19 48	16 54	4 20	4 56	17 54		n.a.
W19	13 56	16 53	5 1	20 49	2 10	16 21	1 25	23 50	0 59	6 4	1 45	22 15	0 53	1 22	0 41	22 52	0 4	19 48	16 54	4 18	4 55	17 54		n.a.
T 20	13 37	14 19	4 36	20 22	2 10	15 57	1 25	23 45	1 0	6 6	1 45	22 14	0 53	1 22	0 41	22 52	0 4	19 47	16 54	4 15	4 53	17 55		n.a.
F 21	13 16	10 57	3 54	19 54	2 10	15 32	1 25	23 40	1 0	6 9	1 45	22 13	0 53	1 21	0 41	22 52	0 4	19 46	16 54	4 12	4 52	17 55		n.a.
S 22	12 56	7 1	2 59	19 23	2 9	15 8	1 25	23 35	1 1	6 12	1 45	22 12	0 53	1 20	0 41	22 51	0 4	19 46	16 54	4 9	4 51	17 56		n.a.
S 23	12 36	2 49	1 55	18 51	2 8	14 43	1 25	23 29	1 2	6 14	1 45	22 11	0 53	1 20	0 41	22 51	0 4	19 45	16 53	4 8	4 50	17 56		n.a.
M24	12 15	1s25	0 46	18 17	2 7	14 17	1 25	23 23	1 2	6 17	1 46	22 10	0 53	1 19	0 41	22 51	0 4	19 44	16 53	4 7	4 48	17 57		n.a.
T 25	11 54	5 27	0n23	17 41	2 5	13 51	1 25	23 16	1 3	6 20	1 46	22 9	0 53	1 18	0 41	22 51	0 4	19 44	16 53	4 7	4 47	17 57		n.a.
W26	11 33	9 9	1 30	17 3	2 2	13 25	1 25	23 10	1 3	6 23	1 46	22 8	0 53	1 17	0 41	22 51	0 4	19 43	16 53	4 7	4 46	17 58		n.a.
T 27	11 12	12 23	2 31	16 24	1 59	12 58	1 25	23 3	1 4	6 26	1 46	22 6	0 54	1 17	0 41	22 50	0 4	19 42	16 53	4 8	4 45	17 58		n.a.
F 28	10 51	15 2	3 24	15 43	1 56	12 31	1 24	22 56	1 5	6 29	1 46	22 5	0 54	1 16	0 42	22 50	0 4	19 42	16 53	4 9	4 43	17 59		n.a.
S 29	10s29	17s 0	4n 8	15s 0	1s51	12s 4	1s24	22s49	1s 5	6n32	1n46	22s 4	0s54	1s15	0n42	22s50	0s 4	19s41	16s53	4s 9	4s42	17s59		n.a.

Julian Day Number = 1491711.5, Delta T = 05h14m09s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'34, Lahiri = -12°38'33 Julian Calendar 1 Feb. 629 BCE == Greg. Calendar 25 Jan. 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

MARCH 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 8 27	4♓ 7'59	14♐59	27♒17	3♓39	23♉59	17°R38	26♉22	4°R38	16♉13	19♓24	10°R19	11♎41	10♐48	n.a.	S 1
M 2	10 12 23	5° 6'55	26°53	29°15	4°53	24°45	17♍31	26°28	4♎36	16°14	19°25	10♎17	11°38	10°55	n.a.	M 2
T 3	10 16 20	6° 5'49	8♉55	1♓15	6° 8	25°31	17°24	26°34	4°34	16°16	19°26	10°13	11°35	11° 1	n.a.	T 3
W 4	10 20 16	7° 4'41	21° 8	3°15	7°22	26°18	17°16	26°41	4°32	16°18	19°28	10° 9	11°31	11° 8	n.a.	W 4
T 5	10 24 13	8° 3'31	3♒36	5°17	8°36	27° 4	17° 9	26°47	4°30	16°19	19°29	10° 3	11°28	11°15	n.a.	T 5
F 6	10 28 10	9° 2'19	16°19	7°19	9°50	27°51	17° 1	26°53	4°28	16°21	19°30	9°58	11°25	11°22	n.a.	F 6
S 7	10 32 6	10° 1'05	29°20	9°23	11° 5	28°37	16°54	26°59	4°26	16°22	19°32	9°53	11°22	11°28	n.a.	S 7
S 8	10 36 3	10°59'49	12♓37	11°28	12°19	29°23	16°46	27° 5	4°23	16°24	19°33	9°49	11°19	11°35	n.a.	S 8
M 9	10 39 59	11°58'31	26° 8	13°33	13°33	0♒10	16°38	27°11	4°21	16°25	19°35	9°47	11°15	11°42	n.a.	M 9
T 10	10 43 56	12°57'11	9♈53	15°39	14°47	0°56	16°31	27°17	4°19	16°27	19°36	9°D47	11°12	11°48	n.a.	T 10
W11	10 47 52	13°55'48	23°48	17°45	16° 1	1°42	16°23	27°23	4°16	16°28	19°37	9°47	11° 9	11°55	n.a.	W11
T 12	10 51 49	14°54'24	7♉51	19°52	17°15	2°28	16°15	27°28	4°14	16°30	19°39	9°48	11° 6	12° 2	n.a.	T 12
F 13	10 55 45	15°52'57	21°59	21°58	18°30	3°15	16° 8	27°34	4°12	16°31	19°40	9°50	11° 3	12° 9	n.a.	F 13
S 14	10 59 42	16°51'28	6♊11	24° 4	19°44	4° 1	16° 0	27°40	4° 9	16°32	19°42	9°51	11° 0	12°15	n.a.	S 14
S 15	11 3 38	17°49'56	20°23	26° 9	20°58	4°47	15°52	27°45	4° 7	16°34	19°43	9°R51	10°56	12°22	n.a.	S 15
M16	11 7 35	18°48'23	4♋34	28°13	22°12	5°33	15°45	27°51	4° 5	16°35	19°44	9°51	10°53	12°29	n.a.	M16
T 17	11 11 32	19°46'47	18°42	0♈16	23°26	6°19	15°37	27°56	4° 2	16°36	19°46	9°49	10°50	12°35	n.a.	T 17
W18	11 15 28	20°45'08	2♌44	2°17	24°40	7° 5	15°29	28° 2	4° 0	16°38	19°47	9°47	10°47	12°42	n.a.	W18
T 19	11 19 25	21°43'28	16°37	4°16	25°54	7°52	15°22	28° 7	3°57	16°39	19°49	9°44	10°44	12°49	n.a.	T 19
F 20	11 23 21	22°41'45	0♍18	6°12	27° 8	8°38	15°14	28°12	3°55	16°40	19°50	9°42	10°41	12°55	n.a.	F 20
S 21	11 27 18	23°40'00	13°45	8° 6	28°22	9°24	15° 7	28°18	3°52	16°41	19°51	9°40	10°37	13° 2	n.a.	S 21
S 22	11 31 14	24°38'13	26°57	9°58	29°36	10°10	14°59	28°23	3°50	16°42	19°53	9°39	10°34	13° 9	n.a.	S 22
M23	11 35 11	25°36'25	9♎52	11°45	0♈50	10°56	14°52	28°28	3°47	16°43	19°54	9°D39	10°31	13°16	n.a.	M23
T 24	11 39 7	26°34'34	22°30	13°30	2° 4	11°42	14°44	28°33	3°45	16°44	19°56	9°39	10°28	13°22	n.a.	T 24
W25	11 43 4	27°32'42	4♏54	15°11	3°18	12°28	14°37	28°38	3°42	16°45	19°57	9°40	10°25	13°29	n.a.	W25
T 26	11 47 0	28°30'48	17° 4	16°49	4°32	13°14	14°30	28°43	3°40	16°47	19°58	9°41	10°21	13°36	n.a.	T 26
F 27	11 50 57	29°28'53	29° 5	18°22	5°46	14° 0	14°22	28°48	3°37	16°47	20° 0	9°42	10°18	13°42	n.a.	F 27
S 28	11 54 54	0♈26'56	10♐59	19°52	6°59	14°45	14°15	28°52	3°35	16°48	20° 1	9°43	10°15	13°49	n.a.	S 28
S 29	11 58 50	1°24'58	22°52	21°17	8°13	15°31	14° 8	28°57	3°32	16°49	20° 3	9°43	10°12	13°56	n.a.	S 29
M30	12 2 47	2°22'58	4♉47	22°38	9°27	16°17	14° 1	29° 2	3°30	16°50	20° 4	9°R43	10° 9	14° 3	n.a.	M30
T 31	12 6 43	3♈20'56	16♉50	23♈55	10♈41	17♒ 3	13♍54	29♉ 6	3♎27	16♉51	20♓ 5	9♎43	10♎ 6	14♐ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	10s 8	18s15	4n42	14s15	1s47	11s36	1s24	22s41	1s 6	6n35	1n46	22s 3	0s54	1s14	0n42	22s50	0s 4	19s40	16s53	4s 8	4s41	18s 0			n.a.
M 2	9 46	18 41	5 3	13 28	1 42	11 8	1 23	22 33	1 6	6 38	1 46	22 2	0 54	1 13	0 42	22 50	0 4	19 40	16 52	4 8	4 40	18 0			n.a.
T 3	9 24	18 17	5 11	12 40	1 36	10 40	1 23	22 25	1 7	6 41	1 46	22 1	0 54	1 12	0 42	22 49	0 4	19 39	16 52	4 6	4 38	18 1			n.a.
W 4	9 2	17 3	5 6	11 50	1 29	10 12	1 22	22 17	1 7	6 44	1 47	22 0	0 54	1 11	0 42	22 49	0 4	19 39	16 52	4 4	4 37	18 1			n.a.
T 5	8 40	14 59	4 46	10 59	1 22	9 43	1 22	22 9	1 8	6 47	1 47	21 59	0 54	1 11	0 42	22 49	0 4	19 38	16 52	4 2	4 36	18 2			n.a.
F 6	8 17	12 10	4 12	10 6	1 15	9 14	1 21	22 0	1 9	6 50	1 47	21 58	0 55	1 10	0 42	22 49	0 4	19 37	16 52	4 0	4 35	18 2			n.a.
S 7	7 55	8 41	3 23	9 11	1 7	8 45	1 20	21 51	1 9	6 53	1 47	21 57	0 55	1 9	0 42	22 49	0 4	19 37	16 52	3 58	4 33	18 3			n.a.
S 8	7 32	4 43	2 23	8 16	0 59	8 15	1 19	21 42	1 10	6 56	1 47	21 56	0 55	1 8	0 42	22 49	0 4	19 36	16 52	3 57	4 32	18 3			n.a.
M 9	7 10	0 25	1 14	7 19	0 50	7 45	1 18	21 32	1 10	6 59	1 47	21 55	0 55	1 7	0 42	22 48	0 4	19 35	16 52	3 56	4 31	18 4			n.a.
T 10	6 47	3n58	0s 1	6 21	0 40	7 16	1 17	21 23	1 11	7 2	1 47	21 53	0 55	1 6	0 42	22 48	0 4	19 35	16 52	3 55	4 30	18 4			n.a.
W11	6 24	8 11	1 16	5 22	0 30	6 46	1 16	21 13	1 11	7 5	1 47	21 52	0 55	1 5	0 42	22 48	0 4	19 34	16 52	3 56	4 28	18 5			n.a.
T 12	6 1	11 59	2 28	4 22	0 20	6 15	1 15	21 3	1 12	7 8	1 47	21 51	0 55	1 4	0 42	22 48	0 4	19 34	16 52	3 56	4 27	18 5			n.a.
F 13	5 39	15 7	3 32	3 22	0 9	5 45	1 14	20 52	1 12	7 11	1 47	21 50	0 56	1 3	0 42	22 48	0 4	19 33	16 52	3 57	4 26	18 5			n.a.
S 14	5 15	17 20	4 22	2 22	0n 1	5 14	1 13	20 42	1 13	7 14	1 47	21 49	0 56	1 2	0 42	22 48	0 4	19 32	16 52	3 57	4 24	18 6			n.a.
S 15	4 52	18 29	4 57	1 22	0 12	4 44	1 12	20 31	1 13	7 17	1 47	21 48	0 56	1 1	0 42	22 47	0 4	19 32	16 52	3 57	4 23	18 6			n.a.
M16	4 29	18 28	5 14	0 22	0 24	4 13	1 11	20 20	1 14	7 20	1 47	21 47	0 56	1 0	0 42	22 47	0 4	19 31	16 52	3 57	4 22	18 7			n.a.
T 17	4 6	17 18	5 11	0n38	0 35	3 42	1 9	20 9	1 14	7 23	1 47	21 46	0 56	0 59	0 42	22 47	0 4	19 31	16 52	3 56	4 21	18 7			n.a.
W18	3 43	15 7	4 50	1 37	0 46	3 11	1 8	19 58	1 15	7 26	1 47	21 45	0 56	0 58	0 42	22 47	0 4	19 30	16 52	3 56	4 19	18 8			n.a.
T 19	3 20	12 4	4 12	2 35	0 57	2 40	1 6	19 46	1 15	7 29	1 47	21 45	0 56	0 57	0 42	22 47	0 4	19 30	16 52	3 55	4 18	18 8			n.a.
F 20	2 56	8 24	3 20	3 32	1 8	2 9	1 5	19 34	1 16	7 32	1 47	21 44	0 57	0 56	0 42	22 47	0 4	19 29	16 52	3 54	4 17	18 8			n.a.
S 21	2 33	4 21	2 18	4 28	1 19	1 38	1 3	19 22	1 16	7 35	1 47	21 43	0 57	0 55	0 42	22 47	0 4	19 28	16 52	3 53	4 16	18 9			n.a.
S 22	2 10	0 10	1 10	5 22	1 29	1 6	1 2	19 10	1 17	7 38	1 47	21 42	0 57	0 54	0 42	22 46	0 4	19 28	16 52	3 52	4 14	18 9			n.a.
M23	1 46	3s56	0n 1	6 14	1 39	0 35	1 0	18 58	1 17	7 41	1 47	21 41	0 57	0 53	0 42	22 46	0 4	19 27	16 52	3 52	4 13	18 10			n.a.
T 24	1 23	7 47	1 11	7 4	1 49	0 4	0 59	18 45	1 18	7 43	1 46	21 40	0 57	0 52	0 42	22 46	0 4	19 27	16 52	3 52	4 12	18 10			n.a.
W25	0 59	11 13	2 15	7 52	1 58	0n28	0 57	18 33	1 18	7 46	1 46	21 39	0 57	0 51	0 42	22 46	0 4	19 26	16 52	3 53	4 11	18 11			n.a.
T 26	0 36	14 5	3 13	8 38	2 6	0 59	0 55	18 20	1 19	7 49	1 46	21 38	0 57	0 50	0 42	22 46	0 4	19 26	16 52	3 53	4 9	18 11			n.a.
F 27	0 13	16 19	4 1	9 21	2 14	1 30	0 53	18 7	1 19	7 52	1 46	21 37	0 58	0 49	0 42	22 46	0 4	19 25	16 52	3 54	4 8	18 11			n.a.
S 28	0n11	17 49	4 38	10 2	2 21	2 2	0 51	17 54	1 19	7 54	1 46	21 37	0 58	0 48	0 42	22 46	0 4	19 25	16 52	3 54	4 7	18 12			n.a.
S 29	0 34	18 31	5 3	10 41	2 28	2 33	0 49	17 40	1 20	7 57	1 46	21 36	0 58	0 47	0 42	22 46	0 4	19 24	16 52	3 54	4 6	18 12			n.a.
M30	0 58	18 25	5 16	11 17	2 33	3 4	0 48	17 27	1 20	8 0	1 46	21 35	0 58	0 46	0 42	22 46	0 4	19 24	16 52	3 54	4 4	18 13			n.a.
T 31	1n21	17s29	5n15	11n51	2n38	3n35	0s46	17s13	1s21	8n 2	1n46	21s34	0s58	0s45	0n42	22s45	0s 4	19s23	16s52	3s54	4s 3	18s13			n.a.

Julian Day Number = 1491740.5, Delta T = 05h14m08s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'30, Lahiri = -12°38'29 Julian Calendar 1 March 629 BCE == Greg. Calendar 23 Feb. 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

APRIL 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 10 40	4♈18'53	29♉ 4	25♈ 8	11♈55	17♒49	13°R47	29♉11	3°R25	16♉52	20♓ 7	9°R43	10♎ 2	14♐16	n.a.	W 1
T 2	12 14 36	5°16'49	11♒33	26°16	13° 9	18°34	13♍41	29°15	3♎22	16°53	20° 8	9♎42	9°59	14°23	n.a.	T 2
F 3	12 18 33	6°14'43	24°22	27°20	14°22	19°20	13°34	29°19	3°20	16°53	20° 9	9°42	9°56	14°29	n.a.	F 3
S 4	12 22 29	7°12'36	7♓32	28°19	15°36	20° 6	13°27	29°24	3°17	16°54	20°11	9°41	9°53	14°36	n.a.	S 4
S 5	12 26 26	8°10'27	21° 2	29°13	16°50	20°51	13°21	29°28	3°15	16°55	20°12	9°41	9°50	14°43	n.a.	S 5
M 6	12 30 23	9° 8'17	4♈54	0♉ 3	18° 4	21°37	13°15	29°32	3°12	16°56	20°13	9°41	9°47	14°49	n.a.	M 6
T 7	12 34 19	10° 6'05	19° 3	0°48	19°18	22°22	13° 8	29°36	3° 9	16°56	20°15	9°41	9°43	14°56	n.a.	T 7
W 8	12 38 16	11° 3'52	3♉25	1°28	20°31	23° 8	13° 2	29°40	3° 7	16°57	20°16	9°41	9°40	15° 3	n.a.	W 8
T 9	12 42 12	12° 1'37	17°55	2° 4	21°45	23°53	12°56	29°43	3° 4	16°57	20°17	9°41	9°37	15°10	n.a.	T 9
F 10	12 46 9	12°59'20	2♊28	2°34	22°59	24°39	12°50	29°47	3° 2	16°58	20°19	9°40	9°34	15°16	n.a.	F 10
S 11	12 50 5	13°57'02	16°58	3° 0	24°12	25°24	12°45	29°51	2°59	16°58	20°20	9°40	9°31	15°23	n.a.	S 11
S 12	12 54 2	14°54'42	1♋21	3°20	25°26	26° 9	12°39	29°54	2°57	16°59	20°21	9°40	9°27	15°30	n.a.	S 12
M13	12 57 58	15°52'20	15°33	3°36	26°40	26°55	12°34	29°58	2°55	16°59	20°23	9°D40	9°24	15°36	n.a.	M13
T 14	13 1 55	16°49'56	29°31	3°47	27°53	27°40	12°28	0♒ 1	2°52	17° 0	20°24	9°40	9°21	15°43	n.a.	T 14
W15	13 5 52	17°47'31	13♌16	3°52	29° 7	28°25	12°23	0° 4	2°50	17° 0	20°25	9°40	9°18	15°50	n.a.	W15
T 16	13 9 48	18°45'04	26°47	3°R53	0♉21	29°10	12°18	0° 8	2°47	17° 1	20°26	9°41	9°15	15°57	n.a.	T 16
F 17	13 13 45	19°42'36	10♍ 3	3°50	1°34	29°55	12°13	0°11	2°45	17° 1	20°28	9°42	9°12	16° 3	n.a.	F 17
S 18	13 17 41	20°40'06	23° 6	3°41	2°48	0♓40	12° 9	0°14	2°42	17° 1	20°29	9°43	9° 8	16°10	n.a.	S 18
S 19	13 21 38	21°37'34	5♎55	3°29	4° 1	1°25	12° 4	0°17	2°40	17° 1	20°30	9°R43	9° 5	16°17	n.a.	S 19
M20	13 25 34	22°35'02	18°31	3°12	5°15	2°10	12° 0	0°20	2°38	17° 2	20°31	9°43	9° 2	16°23	n.a.	M20
T 21	13 29 31	23°32'28	0♏56	2°52	6°28	2°55	11°55	0°22	2°35	17° 2	20°33	9°42	8°59	16°30	n.a.	T 21
W22	13 33 27	24°29'53	13°10	2°28	7°42	3°40	11°51	0°25	2°33	17° 2	20°34	9°41	8°56	16°37	n.a.	W22
T 23	13 37 24	25°27'17	25°15	2° 2	8°55	4°25	11°47	0°28	2°31	17° 2	20°35	9°39	8°52	16°44	n.a.	T 23
F 24	13 41 20	26°24'40	7♐13	1°32	10° 9	5°10	11°44	0°30	2°29	17° 2	20°36	9°36	8°49	16°50	n.a.	F 24
S 25	13 45 17	27°22'02	19° 6	1° 1	11°22	5°54	11°40	0°33	2°26	17° 2	20°37	9°33	8°46	16°57	n.a.	S 25
S 26	13 49 14	28°19'23	0♉59	0°29	12°36	6°39	11°36	0°35	2°24	17°R 2	20°39	9°31	8°43	17° 4	n.a.	S 26
M27	13 53 10	29°16'44	12°53	29♈55	13°49	7°24	11°33	0°37	2°22	17° 2	20°40	9°29	8°40	17°10	n.a.	M27
T 28	13 57 7	0♉14'04	24°55	29°22	15° 3	8° 8	11°30	0°39	2°20	17° 2	20°41	9°D29	8°37	17°17	n.a.	T 28
W29	14 1 3	1°11'23	7♒ 7	28°48	16°16	8°53	11°27	0°41	2°18	17° 2	20°42	9°29	8°33	17°24	n.a.	W29
T 30	14 5 0	2♉ 8'41	19♒35	28♈15	17♉29	9♓37	11♍24	0♒43	2♎16	17♉ 2	20♓43	9♎29	8♎30	17♐31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n44	15s45	4n59	12n21	2n42	4n 6	0s44	16s59	1s21	8n 5	1n46	21s33	0s58	0s44	0n42	22s45	0s 4	19s23	16s52	3s54	4s 2	18s13		n.a.
T 2	2 8	13 14	4 29	12 50	2 45	4 37	0 41	16 45	1 21	8 7	1 45	21 33	0 59	0 43	0 42	22 45	0 4	19 22	16 52	3 54	4 0	18 14		n.a.
F 3	2 31	10 2	3 46	13 15	2 47	5 8	0 39	16 31	1 22	8 10	1 45	21 32	0 59	0 42	0 42	22 45	0 4	19 22	16 52	3 53	3 59	18 14		n.a.
S 4	2 54	6 15	2 49	13 38	2 48	5 39	0 37	16 17	1 22	8 12	1 45	21 31	0 59	0 41	0 42	22 45	0 4	19 21	16 52	3 53	3 58	18 14		n.a.
S 5	3 17	2 3	1 42	13 58	2 48	6 10	0 35	16 2	1 22	8 15	1 45	21 30	0 59	0 40	0 42	22 45	0 4	19 21	16 52	3 53	3 57	18 15		n.a.
M 6	3 40	2n23	0 27	14 15	2 48	6 40	0 33	15 48	1 23	8 17	1 45	21 30	0 59	0 39	0 42	22 45	0 4	19 20	16 53	3 53	3 55	18 15		n.a.
T 7	4 3	6 46	0s52	14 30	2 46	7 11	0 31	15 33	1 23	8 19	1 45	21 29	0 59	0 38	0 42	22 45	0 4	19 20	16 53	3 53	3 54	18 16		n.a.
W 8	4 26	10 49	2 8	14 41	2 43	7 41	0 29	15 18	1 24	8 21	1 45	21 28	1 0	0 37	0 42	22 45	0 4	19 19	16 53	3 53	3 53	18 16		n.a.
T 9	4 49	14 16	3 17	14 50	2 39	8 11	0 26	15 3	1 24	8 24	1 44	21 28	1 0	0 36	0 42	22 45	0 4	19 19	16 53	3 53	3 52	18 16		n.a.
F 10	5 12	16 49	4 13	14 56	2 34	8 41	0 24	14 48	1 24	8 26	1 44	21 27	1 0	0 35	0 42	22 45	0 4	19 19	16 53	3 53	3 50	18 17		n.a.
S 11	5 35	18 16	4 53	15 0	2 28	9 11	0 22	14 33	1 25	8 28	1 44	21 26	1 0	0 34	0 42	22 45	0 4	19 18	16 53	3 53	3 49	18 17		n.a.
S 12	5 57	18 32	5 14	15 0	2 21	9 40	0 19	14 18	1 25	8 30	1 44	21 26	1 0	0 33	0 42	22 45	0 4	19 18	16 53	3 53	3 48	18 17		n.a.
M13	6 20	17 38	5 15	14 58	2 13	10 9	0 17	14 2	1 25	8 32	1 44	21 25	1 0	0 32	0 42	22 45	0 4	19 17	16 53	3 53	3 47	18 18		n.a.
T 14	6 42	15 40	4 58	14 53	2 4	10 38	0 15	13 47	1 25	8 34	1 43	21 25	1 1	0 31	0 42	22 45	0 4	19 17	16 54	3 53	3 45	18 18		n.a.
W15	7 4	12 51	4 24	14 45	1 54	11 7	0 12	13 31	1 26	8 35	1 43	21 24	1 1	0 30	0 42	22 45	0 4	19 17	16 54	3 53	3 44	18 18		n.a.
T 16	7 27	9 22	3 36	14 35	1 42	11 36	0 10	13 16	1 26	8 37	1 43	21 24	1 1	0 29	0 42	22 45	0 4	19 16	16 54	3 53	3 43	18 19		n.a.
F 17	7 49	5 29	2 37	14 22	1 30	12 4	0 7	13 0	1 26	8 39	1 43	21 23	1 1	0 28	0 42	22 45	0 4	19 16	16 54	3 54	3 41	18 19		n.a.
S 18	8 11	1 23	1 31	14 7	1 17	12 32	0 5	12 44	1 27	8 40	1 43	21 23	1 1	0 27	0 41	22 44	0 4	19 16	16 54	3 54	3 40	18 19		n.a.
S 19	8 33	2s42	0 21	13 50	1 3	13 0	0 2	12 28	1 27	8 42	1 42	21 22	1 2	0 27	0 41	22 44	0 4	19 15	16 54	3 54	3 39	18 20		n.a.
M20	8 54	6 36	0n49	13 30	0 48	13 27	0 0	12 12	1 27	8 44	1 42	21 22	1 2	0 26	0 41	22 44	0 4	19 15	16 55	3 54	3 38	18 20		n.a.
T 21	9 16	10 10	1 55	13 8	0 32	13 54	0n 2	11 56	1 27	8 45	1 42	21 21	1 2	0 25	0 41	22 44	0 4	19 15	16 55	3 54	3 36	18 20		n.a.
W22	9 37	13 14	2 55	12 45	0 16	14 21	0 5	11 39	1 27	8 46	1 42	21 21	1 2	0 24	0 41	22 44	0 4	19 14	16 55	3 53	3 35	18 21		n.a.
T 23	9 59	15 41	3 46	12 20	0s 1	14 47	0 7	11 23	1 28	8 48	1 41	21 21	1 2	0 23	0 41	22 44	0 4	19 14	16 55	3 52	3 34	18 21		n.a.
F 24	10 20	17 26	4 26	11 54	0 18	15 13	0 10	11 6	1 28	8 49	1 41	21 20	1 2	0 22	0 41	22 44	0 5	19 14	16 55	3 51	3 33	18 21		n.a.
S 25	10 41	18 24	4 55	11 27	0 35	15 39	0 12	10 50	1 28	8 50	1 41	21 20	1 3	0 21	0 41	22 44	0 5	19 13	16 55	3 50	3 31	18 22		n.a.
S 26	11 1	18 34	5 12	10 59	0 52	16 4	0 15	10 33	1 28	8 51	1 41	21 19	1 3	0 20	0 41	22 44	0 5	19 13	16 56	3 49	3 30	18 22		n.a.
M27	11 22	17 55	5 15	10 31	1 9	16 29	0 17	10 17	1 28	8 52	1 40	21 19	1 3	0 19	0 41	22 44	0 5	19 13	16 56	3 49	3 29	18 22		n.a.
T 28	11 43	16 28	5 4	10 4	1 26	16 53	0 20	10 0	1 29	8 53	1 40	21 19	1 3	0 19	0 41	22 44	0 5	19 13	16 56	3 48	3 28	18 23		n.a.
W29	12 3	14 15	4 39	9 37	1 42	17 17	0 22	9 43	1 29	8 54	1 40	21 19	1 3	0 18	0 41	22 45	0 5	19 12	16 56	3 48	3 26	18 23		n.a.
T 30	12n23	11s20	4n 1	9n10	1s58	17n41	0n25	9s26	1s29	8n55	1n40	21s18	1s 4	0s17	0n41	22s45	0s 5	19s12	16s56	3s49	3s25	18s23		n.a.

Julian Day Number = 1491771.5, Delta T = 05h14m06s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'26, Lahiri = -12°38'25 Julian Calendar 1 Apr. 629 BCE == Greg. Calendar 25 March 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

MAY 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 8 56	3♉ 5'59	2♓22	27°R44	18♉43	10♓21	11°R22	0♒45	2°R14	17°R 2	20♓44	9♎31	8♎27	17♐37	n.a.	F 1
S 2	14 12 53	4° 3'16	15°33	27♈15	19°56	11° 6	11♍19	0°47	2♎12	17♑ 2	20°45	9°32	8°24	17°44	n.a.	S 2
S 3	14 16 49	5° 0'32	29° 9	26°48	21° 9	11°50	11°17	0°48	2°10	17° 1	20°46	9°33	8°21	17°51	n.a.	S 3
M 4	14 20 46	5°57'48	13♈10	26°24	22°23	12°34	11°15	0°50	2° 8	17° 1	20°47	9°R34	8°18	17°57	n.a.	M 4
T 5	14 24 43	6°55'03	27°34	26° 3	23°36	13°18	11°13	0°51	2° 6	17° 1	20°48	9°33	8°14	18° 4	n.a.	T 5
W 6	14 28 39	7°52'18	12♉18	25°46	24°49	14° 2	11°11	0°53	2° 4	17° 1	20°49	9°30	8°11	18°11	n.a.	W 6
T 7	14 32 36	8°49'31	27°13	25°33	26° 3	14°47	11°10	0°54	2° 2	17° 0	20°50	9°27	8° 8	18°18	n.a.	T 7
F 8	14 36 32	9°46'45	12♊11	25°24	27°16	15°30	11° 9	0°55	2° 0	17° 0	20°51	9°23	8° 5	18°24	n.a.	F 8
S 9	14 40 29	10°43'57	27° 3	25°19	28°29	16°14	11° 7	0°56	1°58	16°59	20°52	9°19	8° 2	18°31	n.a.	S 9
S 10	14 44 25	11°41'08	11♋43	25°D18	29°43	16°58	11° 6	0°57	1°56	16°59	20°53	9°15	7°58	18°38	n.a.	S 10
M11	14 48 22	12°38'19	26° 5	25°22	0♊56	17°42	11° 6	0°58	1°55	16°59	20°54	9°13	7°55	18°44	n.a.	M11
T 12	14 52 19	13°35'29	10♌ 5	25°31	2° 9	18°26	11° 5	0°59	1°53	16°58	20°55	9°D12	7°52	18°51	n.a.	T 12
W13	14 56 15	14°32'37	23°44	25°44	3°22	19° 9	11° 5	0°59	1°51	16°58	20°56	9°12	7°49	18°58	n.a.	W13
T 14	15 0 12	15°29'46	7♍ 3	26° 1	4°35	19°53	11° 4	1° 0	1°50	16°57	20°57	9°13	7°46	19° 5	n.a.	T 14
F 15	15 4 8	16°26'53	20° 3	26°24	5°49	20°36	11°D 4	1° 0	1°48	16°56	20°58	9°15	7°43	19°11	n.a.	F 15
S 16	15 8 5	17°23'59	2♎47	26°50	7° 2	21°20	11° 4	1° 0	1°47	16°56	20°59	9°16	7°39	19°18	n.a.	S 16
S 17	15 12 1	18°21'05	15°17	27°22	8°15	22° 3	11° 5	1° 1	1°45	16°55	21° 0	9°R16	7°36	19°25	n.a.	S 17
M18	15 15 58	19°18'11	27°37	27°57	9°28	22°46	11° 5	1° 1	1°44	16°55	21° 0	9°14	7°33	19°31	n.a.	M18
T 19	15 19 54	20°15'16	9♏48	28°37	10°41	23°29	11° 6	1°R 1	1°42	16°54	21° 1	9°11	7°30	19°38	n.a.	T 19
W20	15 23 51	21°12'21	21°52	29°21	11°54	24°12	11° 7	1° 1	1°41	16°53	21° 2	9° 5	7°27	19°45	n.a.	W20
T 21	15 27 48	22° 9'26	3♐50	0♉10	13° 7	24°55	11° 8	1° 1	1°40	16°52	21° 3	8°58	7°23	19°52	n.a.	T 21
F 22	15 31 44	23° 6'30	15°45	1° 3	14°20	25°38	11° 9	1° 0	1°38	16°52	21° 4	8°50	7°20	19°58	n.a.	F 22
S 23	15 35 41	24° 3'35	27°37	2° 0	15°33	26°21	11°10	1° 0	1°37	16°51	21° 4	8°42	7°17	20° 5	n.a.	S 23
S 24	15 39 37	25° 0'39	9♑30	3° 0	16°46	27° 4	11°12	1° 0	1°36	16°50	21° 5	8°34	7°14	20°12	n.a.	S 24
M25	15 43 34	25°57'44	21°25	4° 5	17°59	27°47	11°13	0°59	1°35	16°49	21° 6	8°28	7°11	20°18	n.a.	M25
T 26	15 47 30	26°54'49	3♒25	5°14	19°12	28°29	11°15	0°58	1°34	16°48	21° 7	8°23	7° 8	20°25	n.a.	T 26
W27	15 51 27	27°51'54	15°36	6°27	20°25	29°12	11°17	0°58	1°33	16°47	21° 7	8°21	7° 4	20°32	n.a.	W27
T 28	15 55 23	28°48'59	28° 1	7°43	21°38	29°55	11°20	0°57	1°32	16°46	21° 8	8°D20	7° 1	20°39	n.a.	T 28
F 29	15 59 20	29°46'04	10♓44	9° 3	22°51	0♈37	11°22	0°56	1°31	16°45	21° 8	8°20	6°58	20°45	n.a.	F 29
S 30	16 3 17	0♊43'10	23°50	10°27	24° 4	1°19	11°25	0°55	1°30	16°44	21° 9	8°21	6°55	20°52	n.a.	S 30
S 31	16 7 13	1♊40'16	7♈23	11♉55	25♊17	2♈ 2	11♍27	0♒54	1♎29	16♑43	21♓10	8°R22	6♎52	20♐59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n43	7s49	3n10	8n45	2s13	18n 4	0n27	9s 9	1s29	8n56	1n39	21s18	1s 4	0s16	0n41	22s45	0s 5	19s12	16s57	3s49	3s24	18s24		n.a.
S 2	13 3	3 48	2 8	8 21	2 27	18 26	0 29	8 53	1 29	8 56	1 39	21 18	1 4	0 15	0 41	22 45	0 5	19 12	16 57	3 50	3 22	18 24		n.a.
S 3	13 22	0n31	0 57	7 59	2 40	18 48	0 32	8 36	1 29	8 57	1 39	21 18	1 4	0 15	0 41	22 45	0 5	19 11	16 57	3 50	3 21	18 24		n.a.
M 4	13 41	4 58	0s20	7 39	2 52	19 10	0 34	8 19	1 30	8 57	1 38	21 18	1 4	0 14	0 41	22 45	0 5	19 11	16 57	3 50	3 20	18 24		n.a.
T 5	14 1	9 14	1 37	7 21	3 3	19 31	0 37	8 1	1 30	8 58	1 38	21 18	1 5	0 13	0 41	22 45	0 5	19 11	16 58	3 50	3 19	18 25		n.a.
W 6	14 20	13 3	2 50	7 6	3 13	19 52	0 39	7 44	1 30	8 58	1 38	21 17	1 5	0 12	0 41	22 45	0 5	19 11	16 58	3 49	3 17	18 25		n.a.
T 7	14 38	16 3	3 52	6 53	3 22	20 12	0 41	7 27	1 30	8 59	1 38	21 17	1 5	0 12	0 41	22 45	0 5	19 11	16 58	3 48	3 16	18 25		n.a.
F 8	14 57	17 58	4 38	6 42	3 30	20 32	0 44	7 10	1 30	8 59	1 37	21 17	1 5	0 11	0 41	22 45	0 5	19 10	16 58	3 46	3 15	18 26		n.a.
S 9	15 15	18 39	5 5	6 34	3 36	20 51	0 46	6 53	1 30	8 59	1 37	21 17	1 5	0 10	0 41	22 45	0 5	19 10	16 59	3 44	3 14	18 26		n.a.
S 10	15 33	18 4	5 12	6 29	3 41	21 9	0 48	6 36	1 30	8 59	1 37	21 17	1 5	0 9	0 41	22 45	0 5	19 10	16 59	3 43	3 12	18 26		n.a.
M11	15 51	16 20	4 59	6 27	3 45	21 27	0 51	6 18	1 30	8 59	1 37	21 17	1 6	0 9	0 41	22 45	0 5	19 10	16 59	3 42	3 11	18 26		n.a.
T 12	16 8	13 39	4 28	6 27	3 48	21 44	0 53	6 1	1 30	8 59	1 36	21 17	1 6	0 8	0 41	22 45	0 5	19 10	16 59	3 42	3 10	18 27		n.a.
W13	16 25	10 17	3 43	6 31	3 50	22 1	0 55	5 44	1 30	8 59	1 36	21 17	1 6	0 8	0 41	22 45	0 5	19 10	17 0	3 42	3 9	18 27		n.a.
T 14	16 42	6 28	2 47	6 36	3 51	22 17	0 57	5 27	1 30	8 59	1 36	21 17	1 6	0 7	0 41	22 45	0 5	19 10	17 0	3 42	3 7	18 27		n.a.
F 15	16 59	2 25	1 43	6 45	3 50	22 33	0 59	5 9	1 30	8 59	1 35	21 17	1 6	0 6	0 41	22 45	0 5	19 9	17 0	3 43	3 6	18 27		n.a.
S 16	17 15	1s39	0 35	6 56	3 49	22 47	1 1	4 52	1 30	8 58	1 35	21 18	1 7	0 6	0 41	22 46	0 5	19 9	17 1	3 43	3 5	18 28		n.a.
S 17	17 32	5 36	0n33	7 9	3 47	23 2	1 3	4 35	1 30	8 58	1 35	21 18	1 7	0 5	0 41	22 46	0 5	19 9	17 1	3 43	3 3	18 28		n.a.
M18	17 48	9 15	1 38	7 25	3 43	23 15	1 5	4 17	1 30	8 58	1 34	21 18	1 7	0 5	0 41	22 46	0 5	19 9	17 1	3 43	3 2	18 28		n.a.
T 19	18 3	12 27	2 38	7 43	3 39	23 28	1 7	4 0	1 30	8 57	1 34	21 18	1 7	0 4	0 41	22 46	0 5	19 9	17 1	3 41	3 1	18 28		n.a.
W20	18 19	15 6	3 30	8 4	3 34	23 40	1 9	3 43	1 30	8 57	1 34	21 18	1 7	0 4	0 41	22 46	0 5	19 9	17 2	3 39	3 0	18 29		n.a.
T 21	18 34	17 5	4 12	8 26	3 28	23 52	1 11	3 25	1 30	8 56	1 34	21 18	1 8	0 3	0 41	22 46	0 5	19 9	17 2	3 36	2 58	18 29		n.a.
F 22	18 48	18 18	4 43	8 51	3 22	24 3	1 13	3 8	1 30	8 55	1 33	21 19	1 8	0 3	0 41	22 46	0 5	19 9	17 2	3 33	2 57	18 29		n.a.
S 23	19 3	18 43	5 2	9 17	3 15	24 13	1 15	2 51	1 30	8 54	1 33	21 19	1 8	0 2	0 41	22 46	0 5	19 9	17 3	3 30	2 56	18 29		n.a.
S 24	19 17	18 19	5 8	9 45	3 7	24 22	1 17	2 33	1 30	8 53	1 33	21 19	1 8	0 2	0 40	22 46	0 5	19 9	17 3	3 27	2 55	18 30		n.a.
M25	19 31	17 6	5 0	10 16	2 58	24 31	1 18	2 16	1 30	8 53	1 32	21 20	1 8	0 1	0 40	22 47	0 5	19 9	17 3	3 24	2 53	18 30		n.a.
T 26	19 44	15 8	4 39	10 47	2 49	24 39	1 20	1 59	1 30	8 52	1 32	21 20	1 9	0 1	0 40	22 47	0 5	19 9	17 4	3 22	2 52	18 30		n.a.
W27	19 57	12 28	4 5	11 20	2 40	24 46	1 22	1 42	1 30	8 50	1 32	21 20	1 9	0 0	0 40	22 47	0 5	19 9	17 4	3 21	2 51	18 30		n.a.
T 28	20 10	9 12	3 20	11 55	2 30	24 53	1 23	1 24	1 30	8 49	1 32	21 21	1 9	0 0	0 40	22 47	0 5	19 9	17 4	3 21	2 49	18 30		n.a.
F 29	20 23	5 26	2 23	12 31	2 19	24 59	1 25	1 7	1 30	8 48	1 31	21 21	1 9	0n 0	0 40	22 47	0 5	19 9	17 5	3 21	2 48	18 31		n.a.
S 30	20 35	1 18	1 17	13 8	2 8	25 4	1 26	0 50	1 30	8 47	1 31	21 21	1 9	0 1	0 40	22 47	0 5	19 9	17 5	3 21	2 47	18 31		n.a.
S 31	20n47	3n 3	0n 5	13n46	1s57	25n 8	1n27	0s33	1s29	8n46	1n31	21s22	1s10	0n 1	0n40	22s47	0s 5	19s 9	17s 5	3s22	2s46	18s31		n.a.

Julian Day Number = 1491801.5, Delta T = 05h14m05s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'21, Lahiri = -12°38'21 Julian Calendar 1 May 629 BCE == Greg. Calendar 24 Apr. 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

JUNE 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 11 10	2♊37'22	21♈23	13♉26	26♊30	2♈44	11♍30	0°R52	1°R28	16°R42	21♓10	8°R21	6♎49	21♐ 6	n.a.	M 1
T 2	16 15 6	3°34'29	5♉51	15° 1	27°43	3°26	11°33	0♒51	1♎28	16♑41	21°11	8♎18	6°45	21°12	n.a.	T 2
W 3	16 19 3	4°31'36	20°43	16°39	28°55	4° 8	11°37	0°50	1°27	16°40	21°11	8°13	6°42	21°19	n.a.	W 3
T 4	16 22 59	5°28'44	5♊51	18°21	0♋ 8	4°50	11°40	0°48	1°26	16°39	21°12	8° 6	6°39	21°26	n.a.	T 4
F 5	16 26 56	6°25'52	21° 6	20° 5	1°21	5°32	11°44	0°47	1°26	16°38	21°12	7°58	6°36	21°32	n.a.	F 5
S 6	16 30 52	7°23'00	6♋17	21°54	2°34	6°13	11°47	0°45	1°25	16°37	21°13	7°50	6°33	21°39	n.a.	S 6
S 7	16 34 49	8°20'09	21°14	23°45	3°47	6°55	11°51	0°43	1°25	16°36	21°13	7°42	6°29	21°46	n.a.	S 7
M 8	16 38 46	9°17'17	5♌50	25°38	4°59	7°36	11°55	0°41	1°24	16°34	21°14	7°36	6°26	21°53	n.a.	M 8
T 9	16 42 42	10°14'26	19°59	27°35	6°12	8°18	12° 0	0°39	1°24	16°33	21°14	7°32	6°23	21°59	n.a.	T 9
W10	16 46 39	11°11'34	3♍40	29°34	7°25	8°59	12° 4	0°37	1°23	16°32	21°14	7°30	6°20	22° 6	n.a.	W10
T 11	16 50 35	12° 8'43	16°56	1♎35	8°38	9°41	12° 8	0°35	1°23	16°31	21°15	7°D30	6°17	22°13	n.a.	T 11
F 12	16 54 32	13° 5'52	29°49	3°38	9°50	10°22	12°13	0°33	1°23	16°29	21°15	7°31	6°14	22°19	n.a.	F 12
S 13	16 58 28	14° 3'01	12♎24	5°42	11° 3	11° 3	12°18	0°30	1°23	16°28	21°16	7°R31	6°10	22°26	n.a.	S 13
S 14	17 2 25	15° 0'11	24°43	7°48	12°15	11°44	12°23	0°28	1°22	16°27	21°16	7°29	6° 7	22°33	n.a.	S 14
M15	17 6 22	15°57'21	6♏52	9°55	13°28	12°25	12°28	0°25	1°22	16°25	21°16	7°26	6° 4	22°40	n.a.	M15
T 16	17 10 18	16°54'31	18°53	12° 2	14°41	13° 5	12°34	0°23	1°D22	16°24	21°16	7°20	6° 1	22°46	n.a.	T 16
W17	17 14 15	17°51'43	0♐50	14° 9	15°53	13°46	12°39	0°20	1°22	16°23	21°17	7°11	5°58	22°53	n.a.	W17
T 18	17 18 11	18°48'54	12°43	16°17	17° 6	14°27	12°45	0°17	1°22	16°21	21°17	7° 0	5°55	23° 0	n.a.	T 18
F 19	17 22 8	19°46'07	24°36	18°25	18°18	15° 7	12°50	0°14	1°23	16°20	21°17	6°47	5°51	23° 6	n.a.	F 19
S 20	17 26 4	20°43'20	6♑29	20°32	19°31	15°47	12°56	0°12	1°23	16°19	21°17	6°34	5°48	23°13	n.a.	S 20
S 21	17 30 1	21°40'34	18°23	22°38	20°43	16°28	13° 2	0° 9	1°23	16°17	21°17	6°22	5°45	23°20	n.a.	S 21
M22	17 33 57	22°37'49	0♒22	24°43	21°55	17° 8	13° 9	0° 5	1°23	16°16	21°18	6°11	5°42	23°27	n.a.	M22
T 23	17 37 54	23°35'05	12°26	26°48	23° 8	17°48	13°15	0° 2	1°24	16°14	21°18	6° 2	5°39	23°33	n.a.	T 23
W24	17 41 51	24°32'22	24°39	28°51	24°20	18°28	13°21	29♑59	1°24	16°13	21°18	5°57	5°35	23°40	n.a.	W24
T 25	17 45 47	25°29'41	7♓ 4	0♋53	25°32	19° 8	13°28	29°56	1°24	16°11	21°18	5°54	5°32	23°47	n.a.	T 25
F 26	17 49 44	26°27'00	19°45	2°54	26°45	19°47	13°35	29°52	1°25	16°10	21°18	5°52	5°29	23°54	n.a.	F 26
S 27	17 53 40	27°24'21	2♈46	4°53	27°57	20°27	13°42	29°49	1°25	16° 8	21°18	5°52	5°26	24° 0	n.a.	S 27
S 28	17 57 37	28°21'43	16°12	6°51	29° 9	21° 6	13°49	29°45	1°26	16° 7	21°R18	5°52	5°23	24° 7	n.a.	S 28
M29	18 1 33	29°19'06	0♉ 5	8°48	0♌21	21°46	13°56	29°42	1°27	16° 5	21°18	5°51	5°20	24°14	n.a.	M29
T 30	18 5 30	0♋16'31	14♉25	10♋42	1♌34	22♈25	14♍ 3	29♑38	1♎27	16♑ 4	21♓18	5♎47	5♎16	24♐20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n58	7n23	1s 9	14n24	1s46	25n12	1n29	0s16	1s29	8n44	1n30	21s22	1s10	0n 1	0n40	22s48	0s 5	19s 9	17s 5	3s21	2s44	18s31		n.a.
T 2	21 9	11 26	2 22	15 4	1 34	25 15	1 30	0n 1	1 29	8 43	1 30	21 23	1 10	0 1	0 40	22 48	0 5	19 9	17 6	3 20	2 43	18 31		n.a.
W 3	21 20	14 51	3 27	15 44	1 22	25 17	1 31	0 18	1 29	8 41	1 30	21 23	1 10	0 2	0 40	22 48	0 5	19 9	17 6	3 18	2 42	18 32		n.a.
T 4	21 31	17 21	4 18	16 24	1 10	25 18	1 32	0 35	1 29	8 40	1 30	21 24	1 10	0 2	0 40	22 48	0 5	19 9	17 6	3 16	2 41	18 32		n.a.
F 5	21 41	18 37	4 52	17 5	0 58	25 19	1 33	0 52	1 29	8 38	1 29	21 24	1 11	0 2	0 40	22 48	0 5	19 10	17 7	3 12	2 39	18 32		n.a.
S 6	21 50	18 33	5 4	17 45	0 46	25 19	1 34	1 9	1 29	8 36	1 29	21 25	1 11	0 2	0 40	22 48	0 5	19 10	17 7	3 9	2 38	18 32		n.a.
S 7	22 0	17 11	4 56	18 25	0 34	25 18	1 35	1 26	1 28	8 34	1 29	21 26	1 11	0 2	0 40	22 48	0 5	19 10	17 7	3 6	2 37	18 32		n.a.
M 8	22 9	14 44	4 29	19 5	0 22	25 17	1 36	1 43	1 28	8 33	1 28	21 26	1 11	0 3	0 40	22 49	0 5	19 10	17 8	3 3	2 35	18 33		n.a.
T 9	22 17	11 28	3 45	19 44	0 10	25 14	1 37	1 59	1 28	8 31	1 28	21 27	1 11	0 3	0 40	22 49	0 5	19 10	17 8	3 2	2 34	18 33		n.a.
W10	22 26	7 39	2 50	20 22	0n 2	25 11	1 38	2 16	1 28	8 29	1 28	21 27	1 11	0 3	0 40	22 49	0 5	19 10	17 9	3 1	2 33	18 33		n.a.
T 11	22 34	3 35	1 47	20 58	0 13	25 7	1 39	2 33	1 28	8 27	1 28	21 28	1 12	0 3	0 40	22 49	0 5	19 10	17 9	3 1	2 32	18 33		n.a.
F 12	22 41	0s33	0 41	21 33	0 24	25 3	1 39	2 49	1 27	8 25	1 27	21 29	1 12	0 3	0 40	22 49	0 5	19 11	17 9	3 1	2 30	18 33		n.a.
S 13	22 48	4 34	0n26	22 7	0 34	24 57	1 40	3 6	1 27	8 23	1 27	21 29	1 12	0 3	0 40	22 49	0 5	19 11	17 10	3 1	2 29	18 33		n.a.
S 14	22 55	8 18	1 30	22 38	0 44	24 51	1 40	3 22	1 27	8 20	1 27	21 30	1 12	0 3	0 40	22 50	0 5	19 11	17 10	3 1	2 28	18 34		n.a.
M15	23 1	11 39	2 29	23 7	0 53	24 45	1 41	3 39	1 27	8 18	1 27	21 31	1 12	0 3	0 40	22 50	0 5	19 11	17 10	2 59	2 27	18 34		n.a.
T 16	23 7	14 27	3 21	23 34	1 2	24 37	1 41	3 55	1 26	8 16	1 26	21 32	1 13	0 3	0 40	22 50	0 5	19 11	17 11	2 57	2 25	18 34		n.a.
W17	23 12	16 38	4 3	23 58	1 10	24 29	1 41	4 11	1 26	8 13	1 26	21 32	1 13	0 3	0 40	22 50	0 5	19 12	17 11	2 53	2 24	18 34		n.a.
T 18	23 17	18 6	4 35	24 19	1 17	24 20	1 41	4 27	1 26	8 11	1 26	21 33	1 13	0 3	0 40	22 50	0 5	19 12	17 11	2 49	2 23	18 34		n.a.
F 19	23 22	18 45	4 54	24 38	1 23	24 10	1 41	4 43	1 25	8 8	1 25	21 34	1 13	0 3	0 39	22 51	0 5	19 12	17 12	2 44	2 21	18 34		n.a.
S 20	23 26	18 36	5 1	24 54	1 29	24 0	1 41	4 59	1 25	8 6	1 25	21 35	1 13	0 3	0 39	22 51	0 5	19 12	17 12	2 39	2 20	18 35		n.a.
S 21	23 30	17 38	4 54	25 8	1 34	23 49	1 41	5 15	1 25	8 3	1 25	21 36	1 13	0 3	0 39	22 51	0 5	19 13	17 12	2 34	2 19	18 35		n.a.
M22	23 34	15 53	4 35	25 18	1 39	23 37	1 41	5 31	1 25	8 1	1 25	21 36	1 14	0 2	0 39	22 51	0 5	19 13	17 13	2 29	2 18	18 35		n.a.
T 23	23 37	13 25	4 3	25 26	1 42	23 25	1 41	5 47	1 24	7 58	1 24	21 37	1 14	0 2	0 39	22 51	0 5	19 13	17 13	2 26	2 16	18 35		n.a.
W24	23 39	10 21	3 20	25 31	1 45	23 12	1 41	6 3	1 24	7 55	1 24	21 38	1 14	0 2	0 39	22 52	0 5	19 13	17 13	2 24	2 15	18 35		n.a.
T 25	23 41	6 47	2 26	25 33	1 47	22 58	1 40	6 18	1 23	7 52	1 24	21 39	1 14	0 2	0 39	22 52	0 5	19 14	17 14	2 22	2 14	18 35		n.a.
F 26	23 43	2 49	1 24	25 33	1 49	22 43	1 40	6 34	1 23	7 50	1 24	21 40	1 14	0 2	0 39	22 52	0 5	19 14	17 14	2 22	2 12	18 35		n.a.
S 27	23 45	1n22	0 16	25 30	1 50	22 28	1 39	6 49	1 23	7 47	1 23	21 41	1 14	0 1	0 39	22 52	0 5	19 14	17 14	2 22	2 11	18 35		n.a.
S 28	23 45	5 37	0s54	25 25	1 50	22 13	1 38	7 5	1 22	7 44	1 23	21 42	1 15	0 1	0 39	22 52	0 5	19 15	17 15	2 22	2 10	18 36		n.a.
M29	23 46	9 43	2 4	25 18	1 50	21 57	1 38	7 20	1 22	7 41	1 23	21 43	1 15	0 1	0 39	22 53	0 5	19 15	17 15	2 21	2 9	18 36		n.a.
T 30	23n46	13n23	3s 9	25n 8	1n49	21n40	1n37	7n35	1s22	7n38	1n23	21s44	1s15	0n 1	0n39	22s53	0s 6	19s15	17s15	2s20	2s 7	18s36		n.a.

Julian Day Number = 1491832.5, Delta T = 05h14m03s
Ecliptic obliquity = 23°46'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'17, Lahiri = -12°38'17 Julian Calendar 1 June 629 BCE == Greg. Calendar 25 May 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

JULY 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 9 26	1♋13'57	29♉11	12♋36	2♌46	23♈ 4	14♍11	29°R35	1♎28	16°R 2	21°R18	5°R41	5♎13	24♐27	n.a.	W 1
T 2	18 13 23	2°11'25	14♊17	14°27	3°58	23°43	14°18	29♂31	1°29	16♂ 0	21♓18	5♎32	5°10	24°34	n.a.	T 2
F 3	18 17 20	3° 8'53	29°35	16°17	5°10	24°22	14°26	29°27	1°30	15°59	21°18	5°21	5° 7	24°41	n.a.	F 3
S 4	18 21 16	4° 6'23	14♋52	18° 6	6°22	25° 1	14°34	29°23	1°31	15°57	21°18	5°11	5° 4	24°47	n.a.	S 4
S 5	18 25 13	5° 3'55	29°57	19°53	7°34	25°39	14°42	29°19	1°32	15°56	21°17	5° 0	5° 1	24°54	n.a.	S 5
M 6	18 29 9	6° 1'27	14♌42	21°38	8°46	26°18	14°50	29°15	1°33	15°54	21°17	4°52	4°57	25° 1	n.a.	M 6
T 7	18 33 6	6°59'00	29° 0	23°22	9°58	26°56	14°58	29°11	1°34	15°52	21°17	4°47	4°54	25° 7	n.a.	T 7
W 8	18 37 2	7°56'34	12♍49	25° 5	11°10	27°35	15° 6	29° 7	1°35	15°51	21°17	4°44	4°51	25°14	n.a.	W 8
T 9	18 40 59	8°54'10	26° 9	26°46	12°22	28°13	15°14	29° 3	1°36	15°49	21°17	4°43	4°48	25°21	n.a.	T 9
F 10	18 44 55	9°51'46	9♎ 3	28°25	13°34	28°51	15°23	28°59	1°37	15°48	21°16	4°42	4°45	25°28	n.a.	F 10
S 11	18 48 52	10°49'24	21°35	0♌ 3	14°46	29°29	15°32	28°54	1°38	15°46	21°16	4°42	4°41	25°34	n.a.	S 11
S 12	18 52 49	11°47'02	3♏51	1°39	15°57	0♉ 6	15°40	28°50	1°40	15°44	21°16	4°41	4°38	25°41	n.a.	S 12
M13	18 56 45	12°44'42	15°55	3°14	17° 9	0°44	15°49	28°46	1°41	15°43	21°16	4°37	4°35	25°48	n.a.	M13
T 14	19 0 42	13°42'23	27°52	4°47	18°21	1°21	15°58	28°42	1°42	15°41	21°15	4°30	4°32	25°55	n.a.	T 14
W15	19 4 38	14°40'06	9♐45	6°19	19°32	1°58	16° 7	28°37	1°44	15°39	21°15	4°21	4°29	26° 1	n.a.	W15
T 16	19 8 35	15°37'50	21°37	7°49	20°44	2°36	16°16	28°33	1°45	15°38	21°15	4°10	4°26	26° 8	n.a.	T 16
F 17	19 12 31	16°35'35	3♑30	9°18	21°56	3°13	16°26	28°28	1°47	15°36	21°14	3°57	4°22	26°15	n.a.	F 17
S 18	19 16 28	17°33'22	15°26	10°46	23° 7	3°49	16°35	28°24	1°48	15°35	21°14	3°43	4°19	26°21	n.a.	S 18
S 19	19 20 24	18°31'10	27°26	12°11	24°18	4°26	16°45	28°19	1°50	15°33	21°13	3°31	4°16	26°28	n.a.	S 19
M20	19 24 21	19°29'00	9♒32	13°36	25°30	5° 3	16°54	28°15	1°52	15°31	21°13	3°19	4°13	26°35	n.a.	M20
T 21	19 28 18	20°26'52	21°45	14°58	26°41	5°39	17° 4	28°10	1°54	15°30	21°12	3°11	4°10	26°42	n.a.	T 21
W22	19 32 14	21°24'46	4♓ 7	16°19	27°53	6°15	17°14	28° 6	1°55	15°28	21°12	3° 5	4° 7	26°48	n.a.	W22
T 23	19 36 11	22°22'41	16°39	17°38	29° 4	6°51	17°24	28° 1	1°57	15°26	21°12	3° 1	4° 3	26°55	n.a.	T 23
F 24	19 40 7	23°20'38	29°25	18°56	0♍15	7°27	17°34	27°57	1°59	15°25	21°11	3°D 0	4° 0	27° 2	n.a.	F 24
S 25	19 44 4	24°18'38	12♈28	20°12	1°26	8° 3	17°44	27°52	2° 1	15°23	21°10	3° 0	3°57	27° 9	n.a.	S 25
S 26	19 48 0	25°16'39	25°50	21°26	2°37	8°39	17°54	27°48	2° 3	15°21	21°10	3°R 1	3°54	27°15	n.a.	S 26
M27	19 51 57	26°14'42	9♉35	22°38	3°48	9°14	18° 4	27°43	2° 5	15°20	21° 9	3° 0	3°51	27°22	n.a.	M27
T 28	19 55 53	27°12'48	23°44	23°48	4°59	9°49	18°14	27°38	2° 7	15°18	21° 9	2°57	3°47	27°29	n.a.	T 28
W29	19 59 50	28°10'56	8♊16	24°56	6°10	10°25	18°25	27°34	2° 9	15°17	21° 8	2°52	3°44	27°35	n.a.	W29
T 30	20 3 47	29° 9'06	23° 7	26° 2	7°21	10°59	18°35	27°29	2°11	15°15	21° 7	2°45	3°41	27°42	n.a.	T 30
F 31	20 7 43	0♌ 7'18	8♋10	27♌ 6	8♍32	11♉34	18♍46	27♂25	2♎13	15♂14	21♓ 7	2♎36	3♎38	27♐49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n46	16n19	4s 2	24n56	1n47	21n22	1n36	7n50	1s21	7n34	1n22	21s44	1s15	0n 0	0n39	22s53	0s 6	19s16	17s16	2s17	2s 6	18s36			n.a.
T 2	23 45	18 11	4 40	24 43	1 45	21 4	1 35	8 5	1 21	7 31	1 22	21 45	1 15	0s 0	0 39	22 53	0 6	19 16	17 16	2 14	2 5	18 36			n.a.
F 3	23 44	18 47	4 59	24 27	1 42	20 45	1 34	8 20	1 20	7 28	1 22	21 46	1 15	0 1	0 39	22 53	0 6	19 16	17 17	2 9	2 4	18 36			n.a.
S 4	23 42	18 1	4 56	24 10	1 39	20 26	1 33	8 35	1 20	7 25	1 22	21 47	1 15	0 1	0 39	22 54	0 6	19 17	17 17	2 5	2 2	18 36			n.a.
S 5	23 40	16 0	4 33	23 51	1 36	20 6	1 32	8 49	1 19	7 21	1 22	21 48	1 16	0 1	0 39	22 54	0 6	19 17	17 17	2 1	2 1	18 36			n.a.
M 6	23 38	12 57	3 52	23 31	1 32	19 46	1 31	9 4	1 19	7 18	1 21	21 49	1 16	0 2	0 39	22 54	0 6	19 17	17 18	1 58	2 0	18 36			n.a.
T 7	23 35	9 13	2 57	23 9	1 27	19 25	1 29	9 18	1 18	7 15	1 21	21 50	1 16	0 2	0 39	22 54	0 6	19 18	17 18	1 55	1 58	18 37			n.a.
W 8	23 32	5 6	1 53	22 46	1 23	19 4	1 28	9 33	1 18	7 11	1 21	21 51	1 16	0 3	0 39	22 54	0 6	19 18	17 18	1 54	1 57	18 37			n.a.
T 9	23 28	0 52	0 45	22 21	1 17	18 42	1 26	9 47	1 18	7 8	1 21	21 52	1 16	0 3	0 39	22 55	0 6	19 18	17 19	1 54	1 56	18 37			n.a.
F 10	23 24	3s17	0n23	21 56	1 12	18 20	1 25	10 1	1 17	7 4	1 20	21 53	1 16	0 4	0 39	22 55	0 6	19 19	17 19	1 54	1 55	18 37			n.a.
S 11	23 19	7 10	1 28	21 29	1 6	17 57	1 23	10 15	1 17	7 1	1 20	21 54	1 16	0 4	0 39	22 55	0 6	19 19	17 19	1 54	1 53	18 37			n.a.
S 12	23 14	10 40	2 28	21 2	0 59	17 34	1 21	10 29	1 16	6 57	1 20	21 55	1 17	0 5	0 39	22 55	0 6	19 20	17 20	1 53	1 52	18 37			n.a.
M13	23 9	13 39	3 19	20 34	0 53	17 10	1 19	10 43	1 15	6 53	1 20	21 56	1 17	0 5	0 39	22 55	0 6	19 20	17 20	1 51	1 51	18 37			n.a.
T 14	23 3	16 2	4 2	20 4	0 46	16 46	1 17	10 56	1 15	6 50	1 20	21 57	1 17	0 6	0 38	22 56	0 6	19 21	17 20	1 49	1 50	18 37			n.a.
W15	22 57	17 42	4 34	19 35	0 39	16 21	1 15	11 10	1 14	6 46	1 19	21 58	1 17	0 7	0 38	22 56	0 6	19 21	17 21	1 45	1 48	18 37			n.a.
T 16	22 50	18 37	4 53	19 4	0 31	15 56	1 13	11 23	1 14	6 42	1 19	21 59	1 17	0 7	0 38	22 56	0 6	19 21	17 21	1 41	1 47	18 37			n.a.
F 17	22 43	18 43	5 0	18 33	0 24	15 31	1 11	11 36	1 13	6 38	1 19	22 1	1 17	0 8	0 38	22 56	0 6	19 22	17 21	1 35	1 46	18 37			n.a.
S 18	22 36	17 59	4 54	18 2	0 16	15 5	1 9	11 50	1 13	6 34	1 19	22 2	1 17	0 9	0 38	22 56	0 6	19 22	17 22	1 30	1 44	18 37			n.a.
S 19	22 28	16 28	4 35	17 30	0 8	14 39	1 7	12 3	1 12	6 30	1 19	22 3	1 17	0 9	0 38	22 57	0 6	19 23	17 22	1 25	1 43	18 37			n.a.
M20	22 20	14 12	4 3	16 58	0s 1	14 12	1 4	12 16	1 11	6 26	1 18	22 4	1 18	0 10	0 38	22 57	0 6	19 23	17 22	1 20	1 42	18 38			n.a.
T 21	22 11	11 18	3 20	16 25	0 9	13 45	1 2	12 28	1 11	6 22	1 18	22 5	1 18	0 11	0 38	22 57	0 6	19 24	17 23	1 17	1 41	18 38			n.a.
W22	22 2	7 51	2 27	15 53	0 18	13 18	0 59	12 41	1 10	6 18	1 18	22 6	1 18	0 12	0 38	22 57	0 6	19 24	17 23	1 14	1 39	18 38			n.a.
T 23	21 53	4 2	1 26	15 20	0 27	12 50	0 57	12 54	1 10	6 14	1 18	22 7	1 18	0 12	0 38	22 57	0 6	19 25	17 23	1 13	1 38	18 38			n.a.
F 24	21 43	0n 3	0 19	14 47	0 36	12 23	0 54	13 6	1 9	6 10	1 18	22 8	1 18	0 13	0 38	22 58	0 6	19 25	17 23	1 13	1 37	18 38			n.a.
S 25	21 33	4 13	0s50	14 15	0 45	11 54	0 51	13 19	1 8	6 6	1 17	22 9	1 18	0 14	0 38	22 58	0 6	19 26	17 24	1 13	1 35	18 38			n.a.
S 26	21 22	8 17	1 58	13 42	0 54	11 26	0 48	13 31	1 8	6 2	1 17	22 10	1 18	0 15	0 38	22 58	0 6	19 26	17 24	1 13	1 34	18 38			n.a.
M27	21 11	12 1	3 2	13 10	1 3	10 57	0 45	13 43	1 7	5 58	1 17	22 11	1 18	0 16	0 38	22 58	0 6	19 27	17 24	1 12	1 33	18 38			n.a.
T 28	21 0	15 9	3 56	12 38	1 13	10 28	0 43	13 55	1 6	5 53	1 17	22 12	1 18	0 16	0 38	22 58	0 6	19 27	17 25	1 11	1 32	18 38			n.a.
W29	20 49	17 26	4 36	12 6	1 22	9 59	0 39	14 7	1 6	5 49	1 17	22 13	1 18	0 17	0 38	22 59	0 6	19 28	17 25	1 9	1 30	18 38			n.a.
T 30	20 37	18 36	4 59	11 34	1 32	9 29	0 36	14 18	1 5	5 45	1 16	22 14	1 18	0 18	0 38	22 59	0 6	19 28	17 25	1 7	1 29	18 38			n.a.
F 31	20n24	18n29	5s 2	11n 4	1s41	9n 0	0n33	14n30	1s 4	5n40	1n16	22s15	1s19	0s19	0n38	22s59	0s 6	19s29	17s25	1s 3	1s28	18s38			n.a.

Julian Day Number = 1491862.5, Delta T = 05h14m02s
Ecliptic obliquity = 23°46'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'13, Lahiri = -12°38'13 Julian Calendar 1 July 629 BCE == Greg. Calendar 24 June 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

AUGUST 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 11 40	1♌ 5'31	23♋16	28♌ 7	9♍43	12♉ 9	18♍57	27°R20	2♎16	15°R12	21°R 6	2°R27	3♎35	27♐56	n.a.	S 1
S 2	20 15 36	2° 3'47	8♌16	29° 6	10°54	12°43	19° 7	27♏15	2°18	15♏10	21♓ 5	2♎18	3°32	28° 2	n.a.	S 2
M 3	20 19 33	3° 2'05	22°59	0♍ 2	12° 4	13°17	19°18	27°11	2°20	15° 9	21° 5	2°11	3°28	28° 9	n.a.	M 3
T 4	20 23 29	4° 0'24	7♍19	0°55	13°15	13°51	19°29	27° 6	2°23	15° 7	21° 4	2° 6	3°25	28°16	n.a.	T 4
W 5	20 27 26	4°58'45	21°12	1°45	14°26	14°25	19°40	27° 2	2°25	15° 6	21° 3	2° 4	3°22	28°22	n.a.	W 5
T 6	20 31 22	5°57'08	4♎36	2°32	15°36	14°59	19°51	26°57	2°28	15° 4	21° 3	2°D 3	3°19	28°29	n.a.	T 6
F 7	20 35 19	6°55'33	17°35	3°15	16°47	15°32	20° 2	26°53	2°30	15° 3	21° 2	2° 4	3°16	28°36	n.a.	F 7
S 8	20 39 16	7°53'59	0♏10	3°54	17°57	16° 5	20°14	26°48	2°33	15° 1	21° 1	2° 5	3°12	28°43	n.a.	S 8
S 9	20 43 12	8°52'27	12°28	4°30	19° 7	16°38	20°25	26°44	2°35	15° 0	21° 0	2°R 5	3° 9	28°49	n.a.	S 9
M10	20 47 9	9°50'57	24°32	5° 1	20°17	17°11	20°36	26°39	2°38	14°58	20°59	2° 4	3° 6	28°56	n.a.	M10
T 11	20 51 5	10°49'28	6♐29	5°27	21°28	17°43	20°48	26°35	2°40	14°57	20°59	2° 1	3° 3	29° 3	n.a.	T 11
W12	20 55 2	11°48'02	18°21	5°49	22°38	18°15	20°59	26°31	2°43	14°56	20°58	1°55	3° 0	29°10	n.a.	W12
T 13	20 58 58	12°46'37	0♑13	6° 5	23°48	18°48	21°11	26°26	2°46	14°54	20°57	1°48	2°57	29°16	n.a.	T 13
F 14	21 2 55	13°45'14	12° 9	6°15	24°58	19°19	21°22	26°22	2°49	14°53	20°56	1°39	2°53	29°23	n.a.	F 14
S 15	21 6 51	14°43'53	24°10	6°R20	26° 7	19°51	21°34	26°18	2°51	14°51	20°55	1°30	2°50	29°30	n.a.	S 15
S 16	21 10 48	15°42'34	6♒19	6°18	27°17	20°22	21°46	26°13	2°54	14°50	20°54	1°22	2°47	29°36	n.a.	S 16
M17	21 14 44	16°41'17	18°36	6° 9	28°27	20°54	21°58	26° 9	2°57	14°49	20°53	1°14	2°44	29°43	n.a.	M17
T 18	21 18 41	17°40'02	1♓ 3	5°53	29°36	21°24	22°10	26° 5	3° 0	14°47	20°52	1° 9	2°41	29°50	n.a.	T 18
W19	21 22 38	18°38'50	13°40	5°31	0♎46	21°55	22°22	26° 1	3° 3	14°46	20°51	1° 5	2°38	29°57	n.a.	W19
T 20	21 26 34	19°37'39	26°28	5° 1	1°55	22°26	22°34	25°57	3° 6	14°45	20°50	1°D 3	2°34	0♑ 3	n.a.	T 20
F 21	21 30 31	20°36'31	9♈29	4°24	3° 5	22°56	22°46	25°53	3° 9	14°44	20°50	1° 4	2°31	0°10	n.a.	F 21
S 22	21 34 27	21°35'25	22°42	3°39	4°14	23°26	22°58	25°49	3°12	14°42	20°49	1° 5	2°28	0°17	n.a.	S 22
S 23	21 38 24	22°34'22	6♉11	2°49	5°23	23°55	23°10	25°45	3°15	14°41	20°48	1° 6	2°25	0°24	n.a.	S 23
M24	21 42 20	23°33'21	19°56	1°52	6°32	24°25	23°22	25°41	3°18	14°40	20°47	1°R 7	2°22	0°30	n.a.	M24
T 25	21 46 17	24°32'22	3♊57	0°51	7°41	24°54	23°34	25°38	3°21	14°39	20°46	1° 7	2°18	0°37	n.a.	T 25
W26	21 50 13	25°31'26	18°14	29♌46	8°50	25°23	23°47	25°34	3°24	14°38	20°45	1° 5	2°15	0°44	n.a.	W26
T 27	21 54 10	26°30'33	2♋45	28°38	9°59	25°51	23°59	25°30	3°27	14°36	20°44	1° 2	2°12	0°50	n.a.	T 27
F 28	21 58 7	27°29'42	17°24	27°30	11° 7	26°19	24°12	25°27	3°31	14°35	20°42	0°57	2° 9	0°57	n.a.	F 28
S 29	22 2 3	28°28'53	2♌ 7	26°22	12°16	26°47	24°24	25°23	3°34	14°34	20°41	0°52	2° 6	1° 4	n.a.	S 29
S 30	22 6 0	29°28'07	16°45	25°18	13°24	27°15	24°37	25°20	3°37	14°33	20°40	0°48	2° 3	1°11	n.a.	S 30
M31	22 9 56	0♍27'23	1♍12	24♌18	14♎33	27♉42	24♍49	25♏17	3♎40	14♏32	20♓39	0♎44	1♎59	1♑17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n11	17n 4	4s44	10n33	1s51	8n30	0n30	14n41	1s 3	5n36	1n16	22s16	1s19	0s20	0n38	22s59	0s 6	19s29	17s26	0s59	1s27	18s38		n.a.
S 2	19 58	14 29	4 6	10 4	2 1	8 0	0 27	14 52	1 3	5 31	1 16	22 17	1 19	0 21	0 38	22 59	0 6	19 30	17 26	0 56	1 25	18 38		n.a.
M 3	19 45	11 0	3 13	9 35	2 10	7 29	0 23	15 4	1 2	5 27	1 16	22 18	1 19	0 22	0 38	23 0	0 6	19 30	17 26	0 53	1 24	18 38		n.a.
T 4	19 31	6 58	2 8	9 8	2 20	6 59	0 20	15 15	1 1	5 22	1 16	22 19	1 19	0 23	0 38	23 0	0 6	19 31	17 27	0 51	1 23	18 38		n.a.
W 5	19 17	2 39	0 58	8 41	2 29	6 28	0 17	15 25	1 0	5 18	1 15	22 20	1 19	0 24	0 38	23 0	0 6	19 31	17 27	0 50	1 21	18 38		n.a.
T 6	19 3	1s39	0n14	8 16	2 38	5 57	0 13	15 36	1 0	5 13	1 15	22 21	1 19	0 25	0 38	23 0	0 6	19 32	17 27	0 50	1 20	18 38		n.a.
F 7	18 48	5 44	1 22	7 51	2 47	5 26	0 9	15 47	0 59	5 9	1 15	22 22	1 19	0 26	0 38	23 0	0 6	19 32	17 27	0 50	1 19	18 38		n.a.
S 8	18 33	9 26	2 25	7 29	2 56	4 55	0 6	15 57	0 58	5 4	1 15	22 23	1 19	0 27	0 38	23 1	0 6	19 33	17 28	0 50	1 18	18 38		n.a.
S 9	18 17	12 38	3 19	7 8	3 5	4 24	0 2	16 8	0 57	5 0	1 15	22 24	1 19	0 28	0 38	23 1	0 6	19 33	17 28	0 50	1 16	18 38		n.a.
M10	18 1	15 13	4 4	6 49	3 13	3 52	0s 2	16 18	0 56	4 55	1 15	22 24	1 19	0 29	0 37	23 1	0 6	19 34	17 28	0 50	1 15	18 38		n.a.
T 11	17 45	17 8	4 37	6 32	3 21	3 21	0 5	16 28	0 55	4 50	1 15	22 25	1 19	0 30	0 37	23 1	0 6	19 35	17 28	0 49	1 14	18 38		n.a.
W12	17 29	18 18	4 58	6 17	3 28	2 50	0 9	16 38	0 55	4 45	1 14	22 26	1 19	0 31	0 37	23 1	0 6	19 35	17 29	0 46	1 12	18 38		n.a.
T 13	17 12	18 39	5 7	6 5	3 35	2 18	0 13	16 48	0 54	4 41	1 14	22 27	1 19	0 33	0 37	23 1	0 6	19 36	17 29	0 43	1 11	18 38		n.a.
F 14	16 56	18 12	5 2	5 55	3 41	1 46	0 17	16 57	0 53	4 36	1 14	22 28	1 19	0 34	0 37	23 2	0 6	19 36	17 29	0 40	1 10	18 38		n.a.
S 15	16 38	16 55	4 44	5 49	3 46	1 15	0 21	17 7	0 52	4 31	1 14	22 29	1 19	0 35	0 37	23 2	0 6	19 37	17 29	0 36	1 9	18 38		n.a.
S 16	16 21	14 53	4 12	5 45	3 51	0 43	0 25	17 16	0 51	4 26	1 14	22 30	1 19	0 36	0 37	23 2	0 6	19 37	17 29	0 33	1 7	18 38		n.a.
M17	16 3	12 9	3 29	5 45	3 54	0 11	0 29	17 25	0 50	4 21	1 14	22 31	1 20	0 37	0 37	23 2	0 6	19 38	17 30	0 30	1 6	18 38		n.a.
T 18	15 45	8 50	2 35	5 49	3 57	0s21	0 33	17 34	0 49	4 17	1 14	22 31	1 20	0 38	0 37	23 2	0 6	19 38	17 30	0 28	1 5	18 38		n.a.
W19	15 27	5 5	1 33	5 56	3 58	0 52	0 37	17 43	0 48	4 12	1 13	22 32	1 20	0 40	0 37	23 2	0 6	19 39	17 30	0 26	1 3	18 38		n.a.
T 20	15 8	1 3	0 25	6 8	3 57	1 24	0 41	17 52	0 47	4 7	1 13	22 33	1 20	0 41	0 37	23 2	0 6	19 40	17 30	0 26	1 2	18 38		n.a.
F 21	14 49	3n 6	0s46	6 23	3 55	1 56	0 45	18 1	0 46	4 2	1 13	22 34	1 20	0 42	0 37	23 3	0 6	19 40	17 30	0 26	1 1	18 38		n.a.
S 22	14 30	7 10	1 55	6 43	3 51	2 27	0 49	18 10	0 45	3 57	1 13	22 35	1 20	0 43	0 37	23 3	0 6	19 41	17 31	0 26	1 0	18 38		n.a.
S 23	14 11	10 57	2 59	7 6	3 46	2 59	0 53	18 18	0 44	3 52	1 13	22 35	1 20	0 45	0 37	23 3	0 6	19 41	17 31	0 27	0 58	18 38		n.a.
M24	13 51	14 12	3 55	7 34	3 38	3 31	0 58	18 26	0 43	3 47	1 13	22 36	1 20	0 46	0 37	23 3	0 6	19 42	17 31	0 27	0 57	18 37		n.a.
T 25	13 31	16 41	4 37	8 5	3 28	4 2	1 2	18 34	0 42	3 42	1 13	22 37	1 20	0 47	0 37	23 3	0 6	19 42	17 31	0 27	0 56	18 37		n.a.
W26	13 11	18 12	5 4	8 39	3 17	4 33	1 6	18 43	0 41	3 37	1 13	22 37	1 20	0 48	0 37	23 3	0 6	19 43	17 31	0 26	0 55	18 37		n.a.
T 27	12 51	18 33	5 11	9 15	3 3	5 5	1 10	18 50	0 40	3 32	1 13	22 38	1 20	0 50	0 37	23 3	0 6	19 43	17 31	0 25	0 53	18 37		n.a.
F 28	12 30	17 41	4 59	9 53	2 48	5 36	1 15	18 58	0 39	3 27	1 12	22 39	1 20	0 51	0 37	23 4	0 6	19 44	17 31	0 23	0 52	18 37		n.a.
S 29	12 10	15 38	4 27	10 32	2 31	6 7	1 19	19 6	0 38	3 21	1 12	22 39	1 20	0 52	0 37	23 4	0 6	19 44	17 32	0 21	0 51	18 37		n.a.
S 30	11 49	12 35	3 37	11 11	2 13	6 38	1 23	19 13	0 36	3 16	1 12	22 40	1 20	0 54	0 37	23 4	0 6	19 45	17 32	0 19	0 49	18 37		n.a.
M31	11n28	8n48	2s34	11n49	1s53	7s 9	1s27	19n21	0s35	3n11	1n12	22s41	1s20	0s55	0n37	23s 4	0s 6	19s46	17s32	0s18	0s48	18s37		n.a.

Julian Day Number = 1491893.5, Delta T = 05h14m00s
Ecliptic obliquity = 23°46'06, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'09, Lahiri = -12°38'08 Julian Calendar 1 Aug. 629 BCE == Greg. Calendar 25 July 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

SEPTEMBER 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 13 53	1♍26'41	15♍21	23°R25	15♎41	28♉ 9	25♍ 2	25°R13	3♎44	14°R31	20°R38	0°R42	1♎56	1♏24	n.a.	T 1
W 2	22 17 49	2°26'01	29° 9	22♌39	16°49	28°36	25°14	25♏10	3°47	14♏30	20♓37	0°D41	1°53	1°31	n.a.	W 2
T 3	22 21 46	3°25'23	12♎33	22° 2	17°57	29° 2	25°27	25° 7	3°50	14°29	20°36	0♎41	1°50	1°37	n.a.	T 3
F 4	22 25 42	4°24'47	25°33	21°35	19° 5	29°28	25°40	25° 4	3°54	14°28	20°35	0°43	1°47	1°44	n.a.	F 4
S 5	22 29 39	5°24'13	8♏12	21°19	20°12	29°54	25°53	25° 1	3°57	14°27	20°34	0°44	1°44	1°51	n.a.	S 5
S 6	22 33 35	6°23'40	20°33	21°D14	21°20	0♊19	26° 5	24°58	4° 1	14°27	20°33	0°46	1°40	1°58	n.a.	S 6
M 7	22 37 32	7°23'10	2♐40	21°19	22°27	0°44	26°18	24°56	4° 4	14°26	20°32	0°R47	1°37	2° 4	n.a.	M 7
T 8	22 41 29	8°22'42	14°37	21°35	23°35	1° 8	26°31	24°53	4° 8	14°25	20°31	0°47	1°34	2°11	n.a.	T 8
W 9	22 45 25	9°22'16	26°31	22° 1	24°42	1°32	26°44	24°50	4°11	14°24	20°29	0°45	1°31	2°18	n.a.	W 9
T 10	22 49 22	10°21'51	8♑24	22°36	25°49	1°56	26°57	24°48	4°15	14°23	20°28	0°43	1°28	2°25	n.a.	T 10
F 11	22 53 18	11°21'29	20°21	23°21	26°56	2°19	27°10	24°45	4°18	14°23	20°27	0°41	1°24	2°31	n.a.	F 11
S 12	22 57 15	12°21'08	2♒27	24°13	28° 2	2°42	27°23	24°43	4°22	14°22	20°26	0°38	1°21	2°38	n.a.	S 12
S 13	23 1 11	13°20'49	14°43	25°13	29° 9	3° 5	27°36	24°41	4°25	14°21	20°25	0°35	1°18	2°45	n.a.	S 13
M14	23 5 8	14°20'33	27°11	26°20	0♏15	3°27	27°49	24°38	4°29	14°21	20°24	0°33	1°15	2°51	n.a.	M14
T 15	23 9 4	15°20'18	9♓54	27°32	1°21	3°49	28° 2	24°36	4°32	14°20	20°23	0°31	1°12	2°58	n.a.	T 15
W16	23 13 1	16°20'05	22°51	28°50	2°27	4°10	28°15	24°34	4°36	14°20	20°21	0°30	1° 9	3° 5	n.a.	W16
T 17	23 16 57	17°19'54	6♈ 2	0♍11	3°33	4°31	28°28	24°33	4°40	14°19	20°20	0°D30	1° 5	3°12	n.a.	T 17
F 18	23 20 54	18°19'46	19°26	1°37	4°38	4°51	28°41	24°31	4°43	14°19	20°19	0°31	1° 2	3°18	n.a.	F 18
S 19	23 24 51	19°19'40	3♉ 2	3° 5	5°44	5°11	28°54	24°29	4°47	14°18	20°18	0°31	0°59	3°25	n.a.	S 19
S 20	23 28 47	20°19'36	16°49	4°36	6°49	5°31	29° 7	24°28	4°51	14°18	20°17	0°32	0°56	3°32	n.a.	S 20
M21	23 32 44	21°19'34	0♊46	6° 9	7°54	5°50	29°20	24°26	4°54	14°17	20°16	0°33	0°53	3°39	n.a.	M21
T 22	23 36 40	22°19'35	14°50	7°44	8°59	6° 8	29°34	24°25	4°58	14°17	20°15	0°34	0°49	3°45	n.a.	T 22
W23	23 40 37	23°19'38	29° 1	9°20	10° 3	6°26	29°47	24°23	5° 2	14°16	20°13	0°R34	0°46	3°52	n.a.	W23
T 24	23 44 33	24°19'44	13♋16	10°57	11° 7	6°44	0♎ 0	24°22	5° 5	14°16	20°12	0°33	0°43	3°59	n.a.	T 24
F 25	23 48 30	25°19'52	27°32	12°35	12°11	7° 1	0°13	24°21	5° 9	14°16	20°11	0°33	0°40	4° 5	n.a.	F 25
S 26	23 52 26	26°20'02	11♌47	14°14	13°15	7°17	0°27	24°20	5°13	14°16	20°10	0°32	0°37	4°12	n.a.	S 26
S 27	23 56 23	27°20'14	25°56	15°53	14°19	7°33	0°40	24°19	5°17	14°15	20° 9	0°32	0°34	4°19	n.a.	S 27
M28	0 0 20	28°20'28	9♍56	17°32	15°22	7°48	0°53	24°18	5°20	14°15	20° 8	0°32	0°30	4°26	n.a.	M28
T 29	0 4 16	29°20'44	23°43	19°11	16°25	8° 3	1° 6	24°18	5°24	14°15	20° 7	0°32	0°27	4°32	n.a.	T 29
W30	0 8 13	0♎21'02	7♎14	20♍51	17♏28	8♊17	1♎20	24♏17	5♎28	14♏15	20♓ 5	0♎32	0♎24	4♏39	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11n 6	4n34	1s23	12n26	1s34	7s40	1s32	19n28	0s34	3n 6	1n12	22s41	1s20	0s56	0n37	23s 4	0s 6	19s46	17s32	0s17	0s47	18s37		n.a.	T 1
W 2	10 45	0 13	0 8	13 0	1 13	8 10	1 36	19 35	0 33	3 1	1 12	22 42	1 20	0 58	0 37	23 4	0 6	19 47	17 32	0 16	0 46	18 37		n.a.	W 2
T 3	10 23	4s 2	1n 5	13 31	0 53	8 41	1 40	19 42	0 32	2 56	1 12	22 42	1 20	0 59	0 37	23 4	0 6	19 47	17 32	0 17	0 44	18 37		n.a.	T 3
F 4	10 1	7 58	2 12	13 58	0 34	9 11	1 45	19 49	0 30	2 50	1 12	22 43	1 20	1 0	0 37	23 4	0 6	19 48	17 32	0 17	0 43	18 37		n.a.	F 4
S 5	9 39	11 25	3 12	14 21	0 15	9 41	1 49	19 56	0 29	2 45	1 12	22 44	1 20	1 2	0 37	23 5	0 6	19 48	17 32	0 18	0 42	18 37		n.a.	S 5
S 6	9 17	14 16	4 1	14 40	0n 3	10 10	1 53	20 2	0 28	2 40	1 12	22 44	1 20	1 3	0 37	23 5	0 6	19 49	17 32	0 18	0 40	18 37		n.a.	S 6
M 7	8 55	16 26	4 38	14 55	0 20	10 40	1 57	20 9	0 27	2 35	1 11	22 45	1 20	1 5	0 37	23 5	0 6	19 49	17 33	0 19	0 39	18 36		n.a.	M 7
T 8	8 32	17 52	5 2	15 4	0 36	11 9	2 1	20 15	0 25	2 30	1 11	22 45	1 20	1 6	0 37	23 5	0 6	19 50	17 33	0 19	0 38	18 36		n.a.	T 8
W 9	8 10	18 29	5 14	15 9	0 50	11 38	2 6	20 22	0 24	2 24	1 11	22 46	1 20	1 7	0 37	23 5	0 6	19 50	17 33	0 18	0 37	18 36		n.a.	W 9
T 10	7 47	18 18	5 12	15 10	1 3	12 7	2 10	20 28	0 23	2 19	1 11	22 46	1 20	1 9	0 37	23 5	0 6	19 51	17 33	0 18	0 35	18 36		n.a.	T 10
F 11	7 24	17 19	4 57	15 6	1 15	12 36	2 14	20 34	0 21	2 14	1 11	22 46	1 20	1 10	0 37	23 5	0 6	19 51	17 33	0 16	0 34	18 36		n.a.	F 11
S 12	7 1	15 32	4 28	14 58	1 25	13 4	2 18	20 40	0 20	2 8	1 11	22 47	1 19	1 12	0 37	23 5	0 6	19 52	17 33	0 15	0 33	18 36		n.a.	S 12
S 13	6 38	13 2	3 47	14 45	1 34	13 32	2 22	20 46	0 19	2 3	1 11	22 47	1 19	1 13	0 37	23 5	0 6	19 52	17 33	0 14	0 31	18 36		n.a.	S 13
M14	6 15	9 54	2 54	14 30	1 41	14 0	2 26	20 51	0 17	1 58	1 11	22 48	1 19	1 15	0 37	23 5	0 6	19 53	17 33	0 13	0 30	18 36		n.a.	M14
T 15	5 51	6 15	1 51	14 10	1 47	14 27	2 30	20 57	0 16	1 53	1 11	22 48	1 19	1 16	0 37	23 5	0 6	19 53	17 33	0 12	0 29	18 36		n.a.	T 15
W16	5 28	2 14	0 42	13 47	1 52	14 54	2 34	21 2	0 14	1 47	1 11	22 48	1 19	1 18	0 37	23 6	0 6	19 54	17 33	0 12	0 28	18 35		n.a.	W16
T 17	5 4	1n58	0s31	13 22	1 56	15 21	2 38	21 8	0 13	1 42	1 11	22 49	1 19	1 19	0 37	23 6	0 6	19 54	17 33	0 12	0 26	18 35		n.a.	T 17
F 18	4 41	6 7	1 43	12 54	1 59	15 47	2 42	21 13	0 11	1 37	1 11	22 49	1 19	1 21	0 37	23 6	0 6	19 55	17 33	0 12	0 25	18 35		n.a.	F 18
S 19	4 17	10 1	2 51	12 23	2 1	16 13	2 46	21 18	0 10	1 31	1 11	22 49	1 19	1 22	0 37	23 6	0 6	19 55	17 33	0 13	0 24	18 35		n.a.	S 19
S 20	3 53	13 26	3 49	11 50	2 2	16 38	2 50	21 23	0 8	1 26	1 11	22 49	1 19	1 24	0 37	23 6	0 6	19 56	17 33	0 13	0 23	18 35		n.a.	S 20
M21	3 29	16 6	4 35	11 16	2 2	17 4	2 53	21 28	0 6	1 21	1 11	22 50	1 19	1 25	0 37	23 6	0 6	19 56	17 33	0 13	0 21	18 35		n.a.	M21
T 22	3 5	17 50	5 5	10 39	2 1	17 28	2 57	21 33	0 5	1 15	1 11	22 50	1 19	1 27	0 37	23 6	0 6	19 57	17 33	0 14	0 20	18 35		n.a.	T 22
W23	2 41	18 29	5 17	10 1	2 0	17 53	3 1	21 38	0 3	1 10	1 10	22 50	1 19	1 28	0 37	23 6	0 6	19 57	17 33	0 14	0 19	18 35		n.a.	W23
T 24	2 17	17 58	5 9	9 22	1 58	18 17	3 4	21 42	0 2	1 4	1 10	22 50	1 19	1 30	0 37	23 6	0 6	19 57	17 33	0 13	0 17	18 34		n.a.	T 24
F 25	1 53	16 19	4 43	8 42	1 55	18 40	3 8	21 47	0n 0	0 59	1 10	22 50	1 19	1 31	0 37	23 6	0 6	19 58	17 33	0 13	0 16	18 34		n.a.	F 25
S 26	1 29	13 40	3 59	8 1	1 52	19 4	3 11	21 51	0 2	0 54	1 10	22 50	1 19	1 33	0 36	23 6	0 7	19 58	17 33	0 13	0 15	18 34		n.a.	S 26
S 27	1 4	10 13	3 0	7 19	1 49	19 26	3 14	21 56	0 4	0 48	1 10	22 51	1 19	1 34	0 36	23 6	0 7	19 59	17 33	0 13	0 14	18 34		n.a.	S 27
M28	0 40	6 14	1 52	6 36	1 45	19 48	3 17	22 0	0 5	0 43	1 10	22 51	1 19	1 36	0 36	23 6	0 7	19 59	17 33	0 13	0 12	18 34		n.a.	M28
T 29	0 16	1 57	0 38	5 53	1 41	20 10	3 21	22 4	0 7	0 38	1 10	22 51	1 19	1 37	0 36	23 6	0 7	19 59	17 33	0 13	0 11	18 34		n.a.	T 29
W30	0s 8	2s20	0n37	5n 9	1n36	20s31	3s24	22n 8	0n 9	0n32	1n10	22s51	1s19	1s39	0n36	23s 6	0s 7	20s 0	17s33	0s13	0s10	18s33		n.a.	W30

Julian Day Number = 1491924.5, Delta T = 05h13m59s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'05, Lahiri = -12°38'04 Julian Calendar 1 Sept. 629 BCE == Greg. Calendar 25 Aug. 629 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

OCTOBER 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 12 9	1♎21'22	20♎27	22♍30	18♏30	8♊31	1♎33	24°R17	5♎32	14°R15	20°R 4	0°R32	0♎21	4♉46	n.a.	T 1
F 2	0 16 6	2°21'44	3♏23	24° 9	19°32	8°44	1°46	24♉16	5°35	14♉15	20♓ 3	0♎31	0°18	4°52	n.a.	F 2
S 3	0 20 2	3°22'07	16° 0	25°48	20°34	8°56	1°59	24°16	5°39	14°D15	20° 2	0°31	0°15	4°59	n.a.	S 3
S 4	0 23 59	4°22'32	28°21	27°27	21°35	9° 8	2°13	24°16	5°43	14°15	20° 1	0°31	0°11	5° 6	n.a.	S 4
M 5	0 27 55	5°22'59	10♐30	29° 6	22°36	9°19	2°26	24°D16	5°47	14°15	20° 0	0°30	0° 8	5°13	n.a.	M 5
T 6	0 31 52	6°23'27	22°28	0♎44	23°37	9°29	2°39	24°16	5°51	14°15	19°59	0°30	0° 5	5°19	n.a.	T 6
W 7	0 35 48	7°23'57	4♉22	2°22	24°37	9°39	2°52	24°16	5°54	14°15	19°58	0°D30	0° 2	5°26	n.a.	W 7
T 8	0 39 45	8°24'28	16°14	3°59	25°37	9°48	3° 6	24°17	5°58	14°15	19°56	0°30	29♍59	5°33	n.a.	T 8
F 9	0 43 42	9°25'01	28°12	5°37	26°37	9°56	3°19	24°17	6° 2	14°16	19°55	0°30	29°55	5°40	n.a.	F 9
S 10	0 47 38	10°25'35	10♒17	7°14	27°36	10° 4	3°32	24°17	6° 6	14°16	19°54	0°31	29°52	5°46	n.a.	S 10
S 11	0 51 35	11°26'10	22°36	8°50	28°35	10°11	3°45	24°18	6° 9	14°16	19°53	0°32	29°49	5°53	n.a.	S 11
M12	0 55 31	12°26'47	5♓11	10°27	29°33	10°17	3°58	24°19	6°13	14°16	19°52	0°33	29°46	6° 0	n.a.	M12
T 13	0 59 28	13°27'25	18° 5	12° 3	0♐31	10°22	4°12	24°20	6°17	14°17	19°51	0°34	29°43	6° 6	n.a.	T 13
W14	1 3 24	14°28'05	1♈19	13°39	1°28	10°27	4°25	24°20	6°21	14°17	19°50	0°R34	29°40	6°13	n.a.	W14
T 15	1 7 21	15°28'46	14°52	15°14	2°25	10°31	4°38	24°21	6°24	14°17	19°49	0°34	29°36	6°20	n.a.	T 15
F 16	1 11 17	16°29'29	28°44	16°50	3°21	10°34	4°51	24°23	6°28	14°18	19°48	0°33	29°33	6°27	n.a.	F 16
S 17	1 15 14	17°30'13	12♉49	18°25	4°17	10°37	5° 4	24°24	6°32	14°18	19°47	0°31	29°30	6°33	n.a.	S 17
S 18	1 19 11	18°30'59	27° 5	20° 0	5°12	10°38	5°17	24°25	6°36	14°19	19°46	0°28	29°27	6°40	n.a.	S 18
M19	1 23 7	19°31'47	11♊26	21°34	6° 7	10°39	5°30	24°27	6°39	14°19	19°45	0°26	29°24	6°47	n.a.	M19
T 20	1 27 4	20°32'36	25°47	23° 9	7° 1	10°R39	5°44	24°28	6°43	14°20	19°44	0°23	29°20	6°53	n.a.	T 20
W21	1 31 0	21°33'27	10♋ 5	24°43	7°54	10°38	5°57	24°30	6°47	14°21	19°43	0°22	29°17	7° 0	n.a.	W21
T 22	1 34 57	22°34'19	24°16	26°17	8°47	10°37	6°10	24°32	6°50	14°21	19°42	0°D22	29°14	7° 7	n.a.	T 22
F 23	1 38 53	23°35'13	8♌19	27°51	9°39	10°34	6°23	24°33	6°54	14°22	19°41	0°22	29°11	7°14	n.a.	F 23
S 24	1 42 50	24°36'09	22°12	29°25	10°30	10°31	6°36	24°35	6°58	14°23	19°40	0°24	29° 8	7°20	n.a.	S 24
S 25	1 46 46	25°37'06	5♍55	0♏59	11°20	10°27	6°49	24°38	7° 1	14°23	19°39	0°25	29° 5	7°27	n.a.	S 25
M26	1 50 43	26°38'05	19°26	2°33	12°10	10°22	7° 1	24°40	7° 5	14°24	19°39	0°26	29° 1	7°34	n.a.	M26
T 27	1 54 40	27°39'05	2♎46	4° 6	12°59	10°16	7°14	24°42	7° 8	14°25	19°38	0°R27	28°58	7°41	n.a.	T 27
W28	1 58 36	28°40'06	15°54	5°40	13°47	10° 9	7°27	24°44	7°12	14°26	19°37	0°26	28°55	7°47	n.a.	W28
T 29	2 2 33	29°41'08	28°49	7°13	14°35	10° 2	7°40	24°47	7°16	14°27	19°36	0°23	28°52	7°54	n.a.	T 29
F 30	2 6 29	0♏42'12	11♏31	8°47	15°21	9°53	7°53	24°49	7°19	14°27	19°35	0°19	28°49	8° 1	n.a.	F 30
S 31	2 10 26	1♏43'17	24♏ 0	10♏20	16♐ 6	9♊44	8♎ 5	24♉52	7♎23	14♉28	19♓34	0♎14	28♍46	8♉ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0s33	6s26	1n48	4n25	1n31	20s52	3s27	22n12	0n11	0n27	1n10	22s51	1s19	1s40	0n36	23s 6	0s 7	20s 0	17s32	0s13	0s 8	18s33			n.a.
F 2	0 57	10 7	2 52	3 40	1 26	21 13	3 29	22 16	0 13	0 21	1 10	22 51	1 19	1 42	0 36	23 6	0 7	20 1	17 32	0 13	0 7	18 33			n.a.
S 3	1 21	13 15	3 46	2 55	1 21	21 32	3 32	22 20	0 15	0 16	1 10	22 51	1 19	1 43	0 36	23 6	0 7	20 1	17 32	0 13	0 6	18 33			n.a.
S 4	1 46	15 42	4 29	2 10	1 15	21 52	3 35	22 24	0 17	0 11	1 10	22 51	1 19	1 45	0 36	23 6	0 7	20 1	17 32	0 12	0 5	18 33			n.a.
M 5	2 10	17 25	4 58	1 25	1 9	22 10	3 37	22 28	0 19	0 5	1 10	22 51	1 18	1 46	0 36	23 6	0 7	20 2	17 32	0 12	0 3	18 33			n.a.
T 6	2 34	18 20	5 14	0 40	1 3	22 28	3 40	22 31	0 21	0 0	1 10	22 51	1 18	1 48	0 36	23 6	0 7	20 2	17 32	0 12	0 2	18 32			n.a.
W 7	2 59	18 26	5 16	0s 5	0 57	22 46	3 42	22 35	0 23	0s 5	1 10	22 51	1 18	1 49	0 36	23 6	0 7	20 2	17 32	0 12	0 1	18 32			n.a.
T 8	3 23	17 43	5 5	0 50	0 51	23 3	3 44	22 38	0 25	0 11	1 10	22 50	1 18	1 51	0 36	23 6	0 7	20 3	17 32	0 12	0n 1	18 32			n.a.
F 9	3 47	16 13	4 41	1 34	0 45	23 20	3 46	22 41	0 27	0 16	1 10	22 50	1 18	1 52	0 36	23 6	0 7	20 3	17 32	0 12	0 2	18 32			n.a.
S 10	4 11	14 0	4 4	2 19	0 38	23 36	3 48	22 45	0 29	0 21	1 10	22 50	1 18	1 54	0 36	23 6	0 7	20 3	17 31	0 12	0 3	18 32			n.a.
S 11	4 35	11 6	3 15	3 4	0 32	23 51	3 50	22 48	0 31	0 27	1 10	22 50	1 18	1 55	0 36	23 6	0 7	20 4	17 31	0 13	0 4	18 31			n.a.
M12	4 59	7 38	2 16	3 48	0 26	24 6	3 52	22 51	0 33	0 32	1 10	22 50	1 18	1 57	0 36	23 6	0 7	20 4	17 31	0 13	0 6	18 31			n.a.
T 13	5 23	3 43	1 9	4 32	0 19	24 20	3 53	22 54	0 36	0 37	1 10	22 50	1 18	1 58	0 36	23 6	0 7	20 4	17 31	0 14	0 7	18 31			n.a.
W14	5 47	0n28	0s 4	5 16	0 12	24 34	3 54	22 57	0 38	0 43	1 10	22 49	1 18	2 0	0 36	23 6	0 7	20 4	17 31	0 14	0 8	18 31			n.a.
T 15	6 11	4 44	1 18	5 59	0 6	24 47	3 56	22 59	0 40	0 48	1 10	22 49	1 18	2 1	0 36	23 6	0 7	20 5	17 31	0 14	0 10	18 31			n.a.
F 16	6 34	8 51	2 29	6 43	0s 1	24 59	3 57	23 2	0 42	0 53	1 10	22 49	1 18	2 3	0 36	23 6	0 7	20 5	17 31	0 13	0 11	18 30			n.a.
S 17	6 58	12 32	3 33	7 26	0 7	25 11	3 58	23 5	0 45	0 58	1 10	22 49	1 18	2 4	0 36	23 6	0 7	20 5	17 30	0 12	0 12	18 30			n.a.
S 18	7 21	15 30	4 23	8 8	0 14	25 22	3 58	23 7	0 47	1 4	1 10	22 48	1 18	2 6	0 36	23 6	0 7	20 5	17 30	0 11	0 13	18 30			n.a.
M19	7 45	17 32	4 58	8 50	0 20	25 33	3 59	23 10	0 49	1 9	1 10	22 48	1 18	2 7	0 36	23 6	0 7	20 6	17 30	0 10	0 15	18 30			n.a.
T 20	8 8	18 28	5 14	9 32	0 27	25 42	3 59	23 12	0 52	1 14	1 10	22 48	1 18	2 9	0 36	23 6	0 7	20 6	17 30	0 9	0 16	18 30			n.a.
W21	8 31	18 13	5 11	10 13	0 33	25 52	3 59	23 15	0 54	1 19	1 10	22 47	1 18	2 10	0 36	23 6	0 7	20 6	17 30	0 9	0 17	18 29			n.a.
T 22	8 54	16 50	4 48	10 54	0 39	26 0	3 59	23 17	0 57	1 25	1 10	22 47	1 18	2 12	0 36	23 6	0 7	20 6	17 29	0 9	0 18	18 29			n.a.
F 23	9 17	14 26	4 9	11 34	0 45	26 8	3 59	23 19	0 59	1 30	1 10	22 46	1 17	2 13	0 36	23 6	0 7	20 6	17 29	0 9	0 20	18 29			n.a.
S 24	9 40	11 14	3 15	12 13	0 52	26 16	3 59	23 21	1 2	1 35	1 10	22 46	1 17	2 15	0 36	23 6	0 7	20 7	17 29	0 9	0 21	18 29			n.a.
S 25	10 2	7 27	2 11	12 52	0 58	26 23	3 58	23 23	1 4	1 40	1 10	22 46	1 17	2 16	0 36	23 5	0 7	20 7	17 29	0 10	0 22	18 28			n.a.
M26	10 25	3 19	1 0	13 31	1 3	26 29	3 57	23 25	1 7	1 45	1 10	22 45	1 17	2 17	0 36	23 5	0 7	20 7	17 28	0 11	0 24	18 28			n.a.
T 27	10 47	0s55	0n13	14 9	1 9	26 34	3 56	23 26	1 9	1 50	1 10	22 45	1 17	2 19	0 36	23 5	0 7	20 7	17 28	0 11	0 25	18 28			n.a.
W28	11 9	5 3	1 24	14 46	1 15	26 39	3 55	23 28	1 12	1 55	1 10	22 44	1 17	2 20	0 36	23 5	0 7	20 7	17 28	0 10	0 26	18 28			n.a.
T 29	11 31	8 53	2 29	15 22	1 20	26 43	3 53	23 29	1 15	2 1	1 10	22 44	1 17	2 22	0 36	23 5	0 7	20 7	17 28	0 9	0 27	18 27			n.a.
F 30	11 53	12 14	3 26	15 58	1 26	26 47	3 52	23 31	1 17	2 6	1 10	22 43	1 17	2 23	0 36	23 5	0 7	20 7	17 27	0 8	0 29	18 27			n.a.
S 31	12s14	14s58	4n12	16s33	1s31	26s50	3s49	23n32	1n20	2s11	1n10	22s43	1s17	2s25	0n36	23s 5	0s 7	20s 8	17s27	0s 6	0n30	18s27			n.a.

Julian Day Number = 1491954.5, Delta T = 05h13m58s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°45'01, Lahiri = -12°38'00 Julian Calendar 1 Oct. 629 BCE == Greg. Calendar 24 Sept. 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

NOVEMBER 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 14 22	2♏44'22	6♐17	11♏53	16♐51	9°R34	8♎18	24♑55	7♎26	14♑29	19°R33	0°R 8	28♍42	8♑14	n.a.	S 1
M 2	2 18 19	3°45'28	18°23	13°27	17°34	9♊23	8°31	24°58	7°30	14°30	19♓33	0♎ 2	28°39	8°21	n.a.	M 2
T 3	2 22 15	4°46'35	0♑21	15° 0	18°17	9°11	8°43	25° 1	7°33	14°31	19°32	29♍56	28°36	8°28	n.a.	T 3
W 4	2 26 12	5°47'43	12°14	16°33	18°58	8°58	8°56	25° 4	7°37	14°33	19°31	29°52	28°33	8°34	n.a.	W 4
T 5	2 30 9	6°48'51	24° 5	18° 6	19°38	8°45	9° 9	25° 7	7°40	14°34	19°30	29°49	28°30	8°41	n.a.	T 5
F 6	2 34 5	7°50'00	5♒59	19°39	20°17	8°30	9°21	25°10	7°43	14°35	19°30	29°D48	28°26	8°48	n.a.	F 6
S 7	2 38 2	8°51'09	18° 2	21°12	20°54	8°15	9°33	25°14	7°47	14°36	19°29	29°49	28°23	8°54	n.a.	S 7
S 8	2 41 58	9°52'19	0♓18	22°44	21°30	8° 0	9°46	25°17	7°50	14°37	19°28	29°50	28°20	9° 1	n.a.	S 8
M 9	2 45 55	10°53'29	12°51	24°17	22° 5	7°43	9°58	25°21	7°53	14°38	19°28	29°52	28°17	9° 8	n.a.	M 9
T 10	2 49 51	11°54'40	25°47	25°49	22°38	7°26	10°10	25°24	7°57	14°40	19°27	29°R53	28°14	9°15	n.a.	T 10
W11	2 53 48	12°55'51	9♈ 8	27°21	23°10	7° 8	10°23	25°28	8° 0	14°41	19°26	29°52	28°11	9°21	n.a.	W11
T 12	2 57 44	13°57'03	22°55	28°52	23°41	6°50	10°35	25°32	8° 3	14°42	19°26	29°50	28° 7	9°28	n.a.	T 12
F 13	3 1 41	14°58'14	7♉ 7	0♐23	24° 9	6°30	10°47	25°36	8° 7	14°43	19°25	29°46	28° 4	9°35	n.a.	F 13
S 14	3 5 38	15°59'27	21°38	1°54	24°36	6°11	10°59	25°40	8°10	14°45	19°25	29°39	28° 1	9°42	n.a.	S 14
S 15	3 9 34	17° 0'40	6♊24	3°23	25° 2	5°50	11°11	25°44	8°13	14°46	19°24	29°32	27°58	9°48	n.a.	S 15
M16	3 13 31	18° 1'53	21°15	4°52	25°25	5°29	11°23	25°48	8°16	14°48	19°24	29°24	27°55	9°55	n.a.	M16
T 17	3 17 27	19° 3'08	6♋ 2	6°20	25°46	5° 8	11°35	25°52	8°19	14°49	19°23	29°17	27°52	10° 2	n.a.	T 17
W18	3 21 24	20° 4'22	20°40	7°46	26° 6	4°46	11°46	25°56	8°22	14°51	19°23	29°11	27°48	10° 8	n.a.	W18
T 19	3 25 20	21° 5'38	5♌ 2	9°11	26°24	4°24	11°58	26° 1	8°25	14°52	19°22	29° 8	27°45	10°15	n.a.	T 19
F 20	3 29 17	22° 6'53	19° 6	10°34	26°39	4° 1	12°10	26° 5	8°28	14°54	19°22	29°D 6	27°42	10°22	n.a.	F 20
S 21	3 33 14	23° 8'10	2♍51	11°55	26°53	3°38	12°21	26°10	8°31	14°55	19°21	29° 7	27°39	10°29	n.a.	S 21
S 22	3 37 10	24° 9'27	16°19	13°13	27° 4	3°15	12°33	26°15	8°34	14°57	19°21	29° 8	27°36	10°35	n.a.	S 22
M23	3 41 7	25°10'44	29°30	14°28	27°13	2°51	12°44	26°19	8°37	14°58	19°20	29°R 8	27°32	10°42	n.a.	M23
T 24	3 45 3	26°12'01	12♎28	15°40	27°20	2°28	12°56	26°24	8°40	15° 0	19°20	29° 7	27°29	10°49	n.a.	T 24
W25	3 49 0	27°13'19	25°13	16°48	27°24	2° 4	13° 7	26°29	8°43	15° 2	19°20	29° 4	27°26	10°55	n.a.	W25
T 26	3 52 56	28°14'37	7♏48	17°50	27°R26	1°40	13°18	26°34	8°45	15° 3	19°19	28°58	27°23	11° 2	n.a.	T 26
F 27	3 56 53	29°15'55	20°14	18°48	27°25	1°15	13°30	26°39	8°48	15° 5	19°19	28°49	27°20	11° 9	n.a.	F 27
S 28	4 0 49	0♐17'14	2♐31	19°38	27°22	0°51	13°41	26°44	8°51	15° 7	19°19	28°38	27°17	11°16	n.a.	S 28
S 29	4 4 46	1°18'32	14°39	20°22	27°17	0°27	13°52	26°49	8°54	15° 8	19°18	28°26	27°13	11°22	n.a.	S 29
M30	4 8 43	2♐19'50	26♐40	20♐57	27♐ 9	0♊ 3	14♎ 2	26♑55	8♎56	15♑10	19♓18	28♍13	27♍10	11♑29	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s35	16s59	4n45	17s 8	1s36	26s53	3s47	23n33	1n23	2s16	1n10	22s42	1s17	2s26	0n36	23s 5	0s 7	20s 8	17s27	0s 3	0n31	18s27		n.a.
M 2	12 57	18 12	5 5	17 41	1 40	26 54	3 45	23 34	1 25	2 21	1 10	22 41	1 17	2 27	0 36	23 5	0 7	20 8	17 27	0 1	0 33	18 26		n.a.
T 3	13 17	18 35	5 11	18 14	1 45	26 55	3 42	23 35	1 28	2 26	1 10	22 41	1 17	2 29	0 36	23 5	0 7	20 8	17 26	0n 2	0 34	18 26		n.a.
W 4	13 38	18 9	5 4	18 45	1 49	26 56	3 39	23 36	1 31	2 31	1 11	22 40	1 17	2 30	0 36	23 5	0 7	20 8	17 26	0 3	0 35	18 26		n.a.
T 5	13 59	16 56	4 44	19 16	1 53	26 56	3 35	23 36	1 33	2 36	1 11	22 40	1 17	2 31	0 37	23 4	0 7	20 8	17 26	0 4	0 36	18 26		n.a.
F 6	14 19	14 58	4 11	19 46	1 57	26 55	3 32	23 36	1 36	2 41	1 11	22 39	1 17	2 33	0 37	23 4	0 7	20 8	17 26	0 5	0 38	18 25		n.a.
S 7	14 39	12 21	3 28	20 14	2 1	26 54	3 28	23 37	1 39	2 45	1 11	22 38	1 17	2 34	0 37	23 4	0 7	20 8	17 25	0 5	0 39	18 25		n.a.
S 8	14 58	9 8	2 34	20 42	2 4	26 52	3 23	23 37	1 42	2 50	1 11	22 38	1 17	2 36	0 37	23 4	0 7	20 8	17 25	0 4	0 40	18 25		n.a.
M 9	15 18	5 25	1 31	21 8	2 6	26 50	3 19	23 37	1 44	2 55	1 11	22 37	1 16	2 37	0 37	23 4	0 7	20 8	17 25	0 3	0 42	18 24		n.a.
T 10	15 37	1 21	0 22	21 34	2 9	26 47	3 14	23 36	1 47	3 0	1 11	22 36	1 16	2 38	0 37	23 4	0 7	20 8	17 24	0 3	0 43	18 24		n.a.
W11	15 56	2n54	0s50	21 58	2 11	26 43	3 8	23 36	1 50	3 5	1 11	22 35	1 16	2 39	0 37	23 4	0 7	20 8	17 24	0 3	0 44	18 24		n.a.
T 12	16 15	7 9	2 1	22 20	2 13	26 39	3 2	23 35	1 52	3 9	1 11	22 35	1 16	2 41	0 37	23 4	0 7	20 8	17 24	0 4	0 45	18 24		n.a.
F 13	16 33	11 8	3 7	22 41	2 14	26 34	2 56	23 35	1 55	3 14	1 11	22 34	1 16	2 42	0 37	23 3	0 7	20 8	17 23	0 6	0 47	18 23		n.a.
S 14	16 51	14 31	4 3	23 1	2 15	26 29	2 50	23 34	1 58	3 19	1 11	22 33	1 16	2 43	0 37	23 3	0 7	20 8	17 23	0 8	0 48	18 23		n.a.
S 15	17 9	17 2	4 43	23 20	2 15	26 23	2 43	23 33	2 0	3 24	1 11	22 32	1 16	2 44	0 37	23 3	0 7	20 8	17 23	0 11	0 49	18 23		n.a.
M16	17 26	18 25	5 4	23 36	2 14	26 17	2 36	23 31	2 3	3 28	1 11	22 31	1 16	2 46	0 37	23 3	0 7	20 8	17 23	0 15	0 50	18 22		n.a.
T 17	17 43	18 33	5 5	23 51	2 14	26 10	2 28	23 30	2 5	3 33	1 11	22 31	1 16	2 47	0 37	23 3	0 7	20 8	17 22	0 17	0 52	18 22		n.a.
W18	18 0	17 27	4 46	24 5	2 12	26 3	2 20	23 28	2 8	3 38	1 11	22 30	1 16	2 48	0 37	23 3	0 7	20 7	17 22	0 20	0 53	18 22		n.a.
T 19	18 17	15 14	4 9	24 16	2 10	25 55	2 12	23 27	2 10	3 42	1 11	22 29	1 16	2 49	0 37	23 3	0 7	20 7	17 22	0 21	0 54	18 21		n.a.
F 20	18 33	12 10	3 18	24 26	2 7	25 46	2 3	23 25	2 12	3 47	1 12	22 28	1 16	2 51	0 37	23 2	0 7	20 7	17 21	0 22	0 56	18 21		n.a.
S 21	18 49	8 29	2 16	24 33	2 3	25 37	1 53	23 22	2 15	3 51	1 12	22 27	1 16	2 52	0 37	23 2	0 7	20 7	17 21	0 21	0 57	18 21		n.a.
S 22	19 4	4 26	1 8	24 39	1 58	25 28	1 44	23 20	2 17	3 56	1 12	22 26	1 16	2 53	0 37	23 2	0 7	20 7	17 21	0 21	0 58	18 20		n.a.
M23	19 19	0 14	0n 2	24 43	1 53	25 18	1 33	23 18	2 19	4 0	1 12	22 25	1 16	2 54	0 37	23 2	0 7	20 7	17 20	0 21	0 59	18 20		n.a.
T 24	19 34	3s54	1 11	24 45	1 46	25 7	1 23	23 15	2 22	4 4	1 12	22 24	1 16	2 55	0 37	23 2	0 7	20 7	17 20	0 21	1 1	18 20		n.a.
W25	19 48	7 48	2 15	24 44	1 39	24 56	1 12	23 12	2 24	4 9	1 12	22 23	1 16	2 56	0 37	23 1	0 7	20 6	17 20	0 23	1 2	18 19		n.a.
T 26	20 2	11 18	3 11	24 42	1 30	24 45	1 0	23 9	2 26	4 13	1 12	22 22	1 16	2 57	0 37	23 1	0 7	20 6	17 19	0 25	1 3	18 19		n.a.
F 27	20 16	14 14	3 58	24 37	1 20	24 33	0 48	23 6	2 28	4 17	1 12	22 21	1 16	2 58	0 37	23 1	0 7	20 6	17 19	0 29	1 5	18 19		n.a.
S 28	20 29	16 30	4 32	24 31	1 9	24 20	0 36	23 3	2 30	4 22	1 12	22 20	1 16	2 59	0 37	23 1	0 7	20 6	17 18	0 33	1 6	18 18		n.a.
S 29	20 42	18 0	4 54	24 22	0 57	24 7	0 23	23 0	2 32	4 26	1 12	22 19	1 16	3 1	0 37	23 1	0 7	20 6	17 18	0 38	1 7	18 18		n.a.
M30	20s55	18s41	5n 2	24s11	0s44	23s54	0s 9	22n56	2n33	4s30	1n12	22s18	1s16	3s 2	0n37	23s 1	0s 7	20s 5	17s18	0n43	1n 8	18s18		n.a.

Julian Day Number = 1491985.5, Delta T = 05h13m56s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'56, Lahiri = -12°37'56 Julian Calendar 1 Nov. 629 BCE == Greg. Calendar 25 Oct. 629 BCE

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ASTRODIENST EPHEMERIS for the year 629 BCE
geocentric

DECEMBER 629 BCE (-628) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 12 39	3♐21'07	8♑35	21♐24	26°R58	29°R40	14♎13	27♑ 0	8♎59	15♑12	19°R18	28°R 1	27♍ 7	11♑36	n.a.	T 1
W 2	4 16 36	4°22'24	20°26	21°40	26♐45	29♉16	14°24	27° 5	9° 1	15°14	19♓18	27♍50	27° 4	11°43	n.a.	W 2
T 3	4 20 32	5°23'41	2♒16	21°R46	26°30	28°53	14°35	27°11	9° 4	15°16	19°18	27°42	27° 1	11°49	n.a.	T 3
F 4	4 24 29	6°24'58	14° 8	21°40	26°12	28°30	14°45	27°16	9° 6	15°18	19°18	27°37	26°58	11°56	n.a.	F 4
S 5	4 28 25	7°26'13	26° 7	21°23	25°52	28° 7	14°56	27°22	9° 9	15°19	19°17	27°35	26°54	12° 3	n.a.	S 5
S 6	4 32 22	8°27'28	8♓18	20°54	25°29	27°45	15° 6	27°28	9°11	15°21	19°17	27°D34	26°51	12° 9	n.a.	S 6
M 7	4 36 18	9°28'42	20°46	20°13	25° 4	27°23	15°16	27°33	9°13	15°23	19°17	27°R34	26°48	12°16	n.a.	M 7
T 8	4 40 15	10°29'56	3♈36	19°21	24°37	27° 1	15°26	27°39	9°16	15°25	19°17	27°34	26°45	12°23	n.a.	T 8
W 9	4 44 12	11°31'09	16°53	18°20	24° 8	26°40	15°36	27°45	9°18	15°27	19°17	27°33	26°42	12°30	n.a.	W 9
T 10	4 48 8	12°32'21	0♉40	17°11	23°37	26°20	15°46	27°51	9°20	15°29	19°D17	27°29	26°38	12°36	n.a.	T 10
F 11	4 52 5	13°33'32	14°56	15°57	23° 5	26° 0	15°56	27°57	9°22	15°31	19°17	27°22	26°35	12°43	n.a.	F 11
S 12	4 56 1	14°34'42	29°39	14°39	22°31	25°41	16° 6	28° 3	9°24	15°33	19°17	27°13	26°32	12°50	n.a.	S 12
S 13	4 59 58	15°35'52	14♊42	13°20	21°57	25°22	16°16	28° 9	9°27	15°35	19°17	27° 2	26°29	12°56	n.a.	S 13
M14	5 3 54	16°37'01	29°56	12° 3	21°21	25° 4	16°25	28°15	9°29	15°37	19°17	26°51	26°26	13° 3	n.a.	M14
T 15	5 7 51	17°38'10	15♋ 8	10°49	20°44	24°47	16°35	28°21	9°31	15°39	19°17	26°40	26°23	13°10	n.a.	T 15
W16	5 11 48	18°39'18	0♌10	9°42	20° 7	24°31	16°44	28°28	9°32	15°41	19°18	26°31	26°19	13°17	n.a.	W16
T 17	5 15 44	19°40'25	14°51	8°41	19°30	24°15	16°53	28°34	9°34	15°43	19°18	26°25	26°16	13°23	n.a.	T 17
F 18	5 19 41	20°41'32	29° 9	7°49	18°53	23°59	17° 2	28°40	9°36	15°45	19°18	26°21	26°13	13°30	n.a.	F 18
S 19	5 23 37	21°42'38	13♍ 0	7° 5	18°16	23°45	17°11	28°47	9°38	15°48	19°18	26°20	26°10	13°37	n.a.	S 19
S 20	5 27 34	22°43'43	26°27	6°31	17°40	23°31	17°20	28°53	9°40	15°50	19°18	26°20	26° 7	13°43	n.a.	S 20
M21	5 31 30	23°44'48	9♎32	6° 6	17° 5	23°18	17°29	29° 0	9°41	15°52	19°18	26°20	26° 3	13°50	n.a.	M21
T 22	5 35 27	24°45'52	22°19	5°50	16°31	23° 6	17°37	29° 6	9°43	15°54	19°19	26°18	26° 0	13°57	n.a.	T 22
W23	5 39 23	25°46'55	4♏51	5°D43	15°58	22°55	17°46	29°13	9°45	15°56	19°19	26°13	25°57	14° 4	n.a.	W23
T 24	5 43 20	26°47'58	17°11	5°43	15°27	22°44	17°54	29°20	9°46	15°58	19°19	26° 6	25°54	14°10	n.a.	T 24
F 25	5 47 17	27°48'59	29°23	5°52	14°57	22°35	18° 2	29°26	9°47	16° 0	19°20	25°56	25°51	14°17	n.a.	F 25
S 26	5 51 13	28°50'00	11♐28	6° 7	14°30	22°26	18°10	29°33	9°49	16° 3	19°20	25°42	25°48	14°24	n.a.	S 26
S 27	5 55 10	29°51'00	23°27	6°29	14° 4	22°18	18°18	29°40	9°50	16° 5	19°20	25°28	25°44	14°30	n.a.	S 27
M28	5 59 6	0♑51'58	5♑22	6°57	13°40	22°10	18°26	29°47	9°52	16° 7	19°21	25°12	25°41	14°37	n.a.	M28
T 29	6 3 3	1°52'55	17°15	7°30	13°19	22° 4	18°34	29°53	9°53	16° 9	19°21	24°58	25°38	14°44	n.a.	T 29
W30	6 6 59	2°53'51	29° 5	8° 8	13° 0	21°58	18°41	0♒ 0	9°54	16°11	19°22	24°45	25°35	14°51	n.a.	W30
T 31	6 10 56	3♑54'45	10♒56	8♐51	12♐43	21♉53	18♎49	0♒ 7	9♎55	16♑14	19♓22	24♍35	25♍32	14♑57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21s 7	18s32	4n57	23s58	0s29	23s40	0n 4	22n53	2n35	4s34	1n13	22s17	1s16	3s 3	0n37	23s 0	0s 7	20s 5	17s17	0n48	1n10	18s17			n.a.
W 2	21 19	17 35	4 40	23 43	0 13	23 25	0 18	22 49	2 37	4 38	1 13	22 16	1 16	3 4	0 37	23 0	0 7	20 5	17 17	0 52	1 11	18 17			n.a.
T 3	21 30	15 52	4 10	23 27	0n 4	23 11	0 33	22 45	2 38	4 42	1 13	22 15	1 15	3 5	0 37	23 0	0 7	20 5	17 17	0 55	1 12	18 17			n.a.
F 4	21 41	13 29	3 29	23 8	0 22	22 56	0 47	22 41	2 40	4 46	1 13	22 13	1 15	3 6	0 37	23 0	0 7	20 4	17 16	0 58	1 14	18 16			n.a.
S 5	21 51	10 30	2 39	22 48	0 41	22 40	1 2	22 38	2 41	4 50	1 13	22 12	1 15	3 6	0 37	23 0	0 7	20 4	17 16	0 59	1 15	18 16			n.a.
S 6	22 1	7 1	1 40	22 27	1 0	22 24	1 17	22 34	2 43	4 54	1 13	22 11	1 15	3 7	0 37	22 59	0 7	20 4	17 16	0 59	1 16	18 16			n.a.
M 7	22 11	3 9	0 36	22 4	1 20	22 8	1 33	22 30	2 44	4 58	1 13	22 10	1 15	3 8	0 37	22 59	0 7	20 4	17 15	0 59	1 17	18 15			n.a.
T 8	22 20	0n58	0s32	21 41	1 39	21 52	1 48	22 26	2 45	5 2	1 13	22 9	1 15	3 9	0 37	22 59	0 7	20 3	17 15	0 59	1 19	18 15			n.a.
W 9	22 28	5 11	1 41	21 17	1 58	21 35	2 3	22 22	2 46	5 6	1 14	22 8	1 15	3 10	0 37	22 59	0 7	20 3	17 14	0 59	1 20	18 15			n.a.
T 10	22 37	9 17	2 46	20 53	2 16	21 18	2 19	22 18	2 47	5 10	1 14	22 6	1 15	3 11	0 37	22 58	0 7	20 3	17 14	1 1	1 21	18 14			n.a.
F 11	22 44	13 0	3 43	20 29	2 33	21 1	2 34	22 14	2 48	5 13	1 14	22 5	1 15	3 12	0 37	22 58	0 7	20 2	17 14	1 3	1 22	18 14			n.a.
S 12	22 52	16 1	4 27	20 6	2 48	20 44	2 50	22 11	2 49	5 17	1 14	22 4	1 15	3 13	0 37	22 58	0 7	20 2	17 13	1 7	1 24	18 13			n.a.
S 13	22 59	18 1	4 54	19 44	3 0	20 27	3 5	22 7	2 50	5 21	1 14	22 3	1 15	3 13	0 37	22 58	0 7	20 2	17 13	1 12	1 25	18 13			n.a.
M14	23 5	18 46	5 0	19 24	3 11	20 9	3 20	22 3	2 51	5 24	1 14	22 1	1 15	3 14	0 37	22 58	0 7	20 1	17 13	1 16	1 26	18 13			n.a.
T 15	23 11	18 10	4 45	19 6	3 18	19 52	3 35	21 59	2 51	5 28	1 14	22 0	1 15	3 15	0 37	22 57	0 7	20 1	17 12	1 21	1 28	18 12			n.a.
W16	23 17	16 19	4 11	18 51	3 24	19 36	3 49	21 56	2 52	5 31	1 14	21 59	1 15	3 16	0 37	22 57	0 7	20 0	17 12	1 24	1 29	18 12			n.a.
T 17	23 22	13 25	3 20	18 39	3 27	19 19	4 3	21 52	2 52	5 35	1 15	21 57	1 15	3 16	0 37	22 57	0 7	20 0	17 11	1 27	1 30	18 11			n.a.
F 18	23 26	9 46	2 18	18 30	3 28	19 3	4 16	21 49	2 53	5 38	1 15	21 56	1 15	3 17	0 37	22 57	0 7	20 0	17 11	1 28	1 31	18 11			n.a.
S 19	23 30	5 42	1 10	18 24	3 27	18 47	4 29	21 46	2 53	5 41	1 15	21 55	1 15	3 18	0 37	22 56	0 7	19 59	17 11	1 29	1 33	18 11			n.a.
S 20	23 34	1 26	0n 1	18 21	3 24	18 32	4 41	21 42	2 54	5 45	1 15	21 53	1 15	3 18	0 37	22 56	0 7	19 59	17 10	1 29	1 34	18 10			n.a.
M21	23 37	2s46	1 9	18 21	3 20	18 17	4 52	21 39	2 54	5 48	1 15	21 52	1 15	3 19	0 37	22 56	0 7	19 58	17 10	1 29	1 35	18 10			n.a.
T 22	23 40	6 45	2 13	18 23	3 14	18 3	5 3	21 36	2 54	5 51	1 15	21 51	1 15	3 20	0 37	22 56	0 7	19 58	17 10	1 30	1 37	18 9			n.a.
W23	23 42	10 22	3 8	18 29	3 7	17 49	5 13	21 34	2 54	5 54	1 15	21 49	1 15	3 20	0 37	22 55	0 7	19 57	17 9	1 31	1 38	18 9			n.a.
T 24	23 44	13 27	3 54	18 36	3 0	17 37	5 23	21 31	2 54	5 57	1 16	21 48	1 15	3 21	0 37	22 55	0 7	19 57	17 9	1 34	1 39	18 9			n.a.
F 25	23 45	15 56	4 28	18 46	2 52	17 25	5 32	21 29	2 55	6 0	1 16	21 46	1 15	3 21	0 38	22 55	0 7	19 57	17 9	1 38	1 40	18 8			n.a.
S 26	23 46	17 40	4 50	18 57	2 43	17 14	5 40	21 26	2 55	6 3	1 16	21 45	1 15	3 22	0 38	22 55	0 7	19 56	17 8	1 44	1 42	18 8			n.a.
S 27	23 46	18 38	4 59	19 10	2 34	17 4	5 47	21 24	2 55	6 6	1 16	21 44	1 15	3 22	0 38	22 54	0 7	19 56	17 8	1 50	1 43	18 7			n.a.
M28	23 46	18 45	4 55	19 24	2 24	16 54	5 53	21 22	2 54	6 9	1 16	21 42	1 15	3 23	0 38	22 54	0 7	19 55	17 7	1 56	1 44	18 7			n.a.
T 29	23 45	18 3	4 37	19 39	2 14	16 46	5 59	21 20	2 54	6 12	1 16	21 41	1 15	3 23	0 38	22 54	0 7	19 55	17 7	2 2	1 45	18 6			n.a.
W30	23 44	16 35	4 8	19 55	2 4	16 39	6 4	21 19	2 54	6 15	1 17	21 39	1 15	3 24	0 38	22 54	0 7	19 54	17 7	2 7	1 47	18 6			n.a.
T 31	23s43	14s24	3n28	20s12	1n54	16s32	6n 9	21n17	2n54	6s17	1n17	21s38	1s15	3s24	0n38	22s53	0s 7	19s54	17s 6	2n11	1n48	18s 6			n.a.

Julian Day Number = 1492015.5, Delta T = 05h13m55s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'52, Lahiri = -12°37'52 Julian Calendar 1 Dec. 629 BCE == Greg. Calendar 24 Nov. 629 BCE

The year -628 astronomical counting style corresponds to year 629 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

JANUARY 628 BCE (-627) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 14 52	4♑55'38	22♒49	9♐38	12°R29	21°R49	18♎56	0♒14	9♎56	16♑16	19♓23	24°R28	25♍29	15♑ 4	n.a.	F 1
S 2	6 18 49	5°56'29	4♓49	10°28	12♐17	21♉46	19° 3	0°21	9°57	16°18	19°23	24♍25	25°25	15°11	n.a.	S 2
S 3	6 22 46	6°57'19	16°59	11°22	12° 8	21°43	19°10	0°28	9°58	16°20	19°24	24°23	25°22	15°18	n.a.	S 3
M 4	6 26 42	7°58'07	29°23	12°20	12° 1	21°42	19°17	0°35	9°59	16°23	19°24	24°D23	25°19	15°24	n.a.	M 4
T 5	6 30 39	8°58'53	12♈ 8	13°20	11°57	21°41	19°24	0°42	10° 0	16°25	19°25	24°R23	25°16	15°31	n.a.	T 5
W 6	6 34 35	9°59'38	25°17	14°22	11°D55	21°D41	19°30	0°49	10° 1	16°27	19°25	24°22	25°13	15°38	n.a.	W 6
T 7	6 38 32	11° 0'20	8♉54	15°27	11°56	21°41	19°37	0°57	10° 2	16°30	19°26	24°19	25° 9	15°44	n.a.	T 7
F 8	6 42 28	12° 1'01	23° 1	16°35	11°59	21°42	19°43	1° 4	10° 2	16°32	19°26	24°14	25° 6	15°51	n.a.	F 8
S 9	6 46 25	13° 1'41	7♊38	17°44	12° 4	21°45	19°49	1°11	10° 3	16°34	19°27	24° 6	25° 3	15°58	n.a.	S 9
S 10	6 50 21	14° 2'18	22°39	18°55	12°12	21°47	19°55	1°18	10° 4	16°36	19°28	23°56	25° 0	16° 5	n.a.	S 10
M11	6 54 18	15° 2'54	7♋56	20° 8	12°21	21°51	20° 1	1°25	10° 4	16°39	19°28	23°45	24°57	16°11	n.a.	M11
T 12	6 58 15	16° 3'28	23°19	21°23	12°34	21°55	20° 7	1°33	10° 5	16°41	19°29	23°35	24°54	16°18	n.a.	T 12
W13	7 2 11	17° 4'00	8♌34	22°39	12°48	22° 0	20°12	1°40	10° 5	16°43	19°30	23°27	24°50	16°25	n.a.	W13
T 14	7 6 8	18° 4'31	23°32	23°57	13° 4	22° 5	20°17	1°47	10° 6	16°45	19°31	23°21	24°47	16°31	n.a.	T 14
F 15	7 10 4	19° 5'00	8♍ 5	25°17	13°22	22°12	20°23	1°55	10° 6	16°48	19°31	23°18	24°44	16°38	n.a.	F 15
S 16	7 14 1	20° 5'28	22°10	26°37	13°43	22°18	20°28	2° 2	10° 6	16°50	19°32	23°D17	24°41	16°45	n.a.	S 16
S 17	7 17 57	21° 5'54	5♎47	27°59	14° 5	22°26	20°32	2° 9	10° 6	16°52	19°33	23°18	24°38	16°52	n.a.	S 17
M18	7 21 54	22° 6'19	18°57	29°22	14°29	22°34	20°37	2°17	10° 7	16°55	19°34	23°R18	24°35	16°58	n.a.	M18
T 19	7 25 50	23° 6'42	1♏45	0♑47	14°54	22°43	20°41	2°24	10° 7	16°57	19°35	23°18	24°31	17° 5	n.a.	T 19
W20	7 29 47	24° 7'03	14°14	2°13	15°22	22°52	20°46	2°31	10°R 7	16°59	19°36	23°16	24°28	17°12	n.a.	W20
T 21	7 33 44	25° 7'23	26°28	3°39	15°51	23° 2	20°50	2°39	10° 7	17° 1	19°36	23°11	24°25	17°18	n.a.	T 21
F 22	7 37 40	26° 7'42	8♐32	5° 7	16°21	23°12	20°54	2°46	10° 7	17° 4	19°37	23° 4	24°22	17°25	n.a.	F 22
S 23	7 41 37	27° 7'59	20°30	6°36	16°53	23°23	20°58	2°54	10° 7	17° 6	19°38	22°55	24°19	17°32	n.a.	S 23
S 24	7 45 33	28° 8'14	2♑23	8° 7	17°27	23°35	21° 1	3° 1	10° 6	17° 8	19°39	22°44	24°15	17°39	n.a.	S 24
M25	7 49 30	29° 8'27	14°15	9°38	18° 2	23°47	21° 5	3° 9	10° 6	17°10	19°40	22°33	24°12	17°45	n.a.	M25
T 26	7 53 26	0♒ 8'39	26° 6	11°10	18°38	23°59	21° 8	3°16	10° 6	17°13	19°41	22°23	24° 9	17°52	n.a.	T 26
W27	7 57 23	1° 8'48	7♒58	12°44	19°15	24°13	21°11	3°23	10° 6	17°15	19°42	22°13	24° 6	17°59	n.a.	W27
T 28	8 1 19	2° 8'55	19°54	14°18	19°54	24°26	21°14	3°31	10° 5	17°17	19°43	22° 6	24° 3	18° 5	n.a.	T 28
F 29	8 5 16	3° 9'01	1♓53	15°54	20°34	24°40	21°17	3°38	10° 5	17°19	19°44	22° 2	24° 0	18°12	n.a.	F 29
S 30	8 9 13	4° 9'04	14° 0	17°30	21°15	24°55	21°19	3°46	10° 4	17°21	19°45	21°59	23°56	18°19	n.a.	S 30
S 31	8 13 9	5♒ 9'05	26♓17	19♑ 8	21♐57	25♉10	21♎22	3♒53	10♎ 4	17♑24	19♓46	21°D59	23♍53	18♑25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s40	11s36	2n39	20s29	1n44	16s27	6n12	21n16	2n54	6s20	1n17	21s36	1s15	3s25	0n38	22s53	0s 7	19s53	17s 6	2n13	1n49	18s 5		n.a.
S 2	23 38	8 18	1 42	20 47	1 34	16 23	6 15	21 15	2 54	6 22	1 17	21 35	1 15	3 25	0 38	22 53	0 7	19 53	17 6	2 15	1 51	18 5		n.a.
S 3	23 35	4 37	0 39	21 4	1 24	16 19	6 18	21 14	2 53	6 25	1 17	21 33	1 15	3 25	0 38	22 53	0 7	19 52	17 5	2 16	1 52	18 4		n.a.
M 4	23 31	0 39	0s27	21 22	1 14	16 16	6 20	21 13	2 53	6 27	1 17	21 32	1 15	3 26	0 38	22 52	0 7	19 51	17 5	2 16	1 53	18 4		n.a.
T 5	23 28	3n26	1 33	21 39	1 4	16 14	6 21	21 12	2 53	6 30	1 18	21 30	1 15	3 26	0 38	22 52	0 7	19 51	17 5	2 16	1 54	18 3		n.a.
W 6	23 23	7 30	2 36	21 57	0 54	16 13	6 22	21 12	2 52	6 32	1 18	21 28	1 15	3 26	0 38	22 52	0 7	19 50	17 4	2 16	1 56	18 3		n.a.
T 7	23 18	11 18	3 33	22 14	0 44	16 13	6 22	21 12	2 52	6 34	1 18	21 27	1 15	3 27	0 38	22 51	0 7	19 50	17 4	2 17	1 57	18 2		n.a.
F 8	23 13	14 36	4 19	22 30	0 35	16 14	6 22	21 12	2 51	6 37	1 18	21 25	1 15	3 27	0 38	22 51	0 8	19 49	17 4	2 19	1 58	18 2		n.a.
S 9	23 7	17 7	4 50	22 46	0 26	16 15	6 21	21 12	2 51	6 39	1 18	21 24	1 15	3 27	0 38	22 51	0 8	19 49	17 3	2 23	2 0	18 1		n.a.
S 10	23 1	18 32	5 2	23 2	0 16	16 18	6 20	21 12	2 50	6 41	1 18	21 22	1 16	3 27	0 38	22 51	0 8	19 48	17 3	2 26	2 1	18 1		n.a.
M11	22 54	18 39	4 53	23 16	0 8	16 20	6 18	21 13	2 50	6 43	1 19	21 21	1 16	3 28	0 38	22 50	0 8	19 48	17 3	2 31	2 2	18 1		n.a.
T 12	22 47	17 24	4 23	23 30	0s 1	16 24	6 16	21 13	2 49	6 45	1 19	21 19	1 16	3 28	0 38	22 50	0 8	19 47	17 2	2 35	2 3	18 0		n.a.
W13	22 40	14 55	3 34	23 43	0 10	16 28	6 14	21 14	2 49	6 47	1 19	21 17	1 16	3 28	0 38	22 50	0 8	19 46	17 2	2 38	2 5	18 0		n.a.
T 14	22 32	11 29	2 31	23 56	0 18	16 33	6 11	21 15	2 48	6 49	1 19	21 16	1 16	3 28	0 38	22 50	0 8	19 46	17 2	2 40	2 6	17 59		n.a.
F 15	22 23	7 25	1 20	24 7	0 26	16 38	6 8	21 16	2 48	6 51	1 19	21 14	1 16	3 28	0 38	22 49	0 8	19 45	17 1	2 42	2 7	17 59		n.a.
S 16	22 14	3 3	0 6	24 17	0 34	16 43	6 5	21 17	2 47	6 52	1 20	21 12	1 16	3 28	0 38	22 49	0 8	19 45	17 1	2 42	2 8	17 58		n.a.
S 17	22 5	1s19	1n 6	24 26	0 41	16 49	6 1	21 19	2 47	6 54	1 20	21 11	1 16	3 28	0 38	22 49	0 8	19 44	17 1	2 42	2 10	17 58		n.a.
M18	21 56	5 29	2 13	24 34	0 48	16 56	5 58	21 20	2 46	6 56	1 20	21 9	1 16	3 28	0 38	22 48	0 8	19 43	17 0	2 42	2 11	17 57		n.a.
T 19	21 45	9 16	3 10	24 41	0 55	17 3	5 54	21 22	2 45	6 57	1 20	21 8	1 16	3 28	0 38	22 48	0 8	19 43	17 0	2 42	2 12	17 57		n.a.
W20	21 35	12 33	3 57	24 47	1 2	17 10	5 49	21 24	2 45	6 59	1 20	21 6	1 16	3 28	0 38	22 48	0 8	19 42	17 0	2 43	2 14	17 56		n.a.
T 21	21 24	15 13	4 33	24 51	1 8	17 17	5 45	21 26	2 44	7 0	1 21	21 4	1 16	3 28	0 38	22 48	0 8	19 42	16 59	2 45	2 15	17 56		n.a.
F 22	21 13	17 10	4 55	24 54	1 14	17 25	5 40	21 28	2 44	7 1	1 21	21 2	1 16	3 28	0 38	22 47	0 8	19 41	16 59	2 47	2 16	17 55		n.a.
S 23	21 1	18 22	5 4	24 56	1 20	17 33	5 36	21 30	2 43	7 3	1 21	21 1	1 16	3 28	0 38	22 47	0 8	19 40	16 59	2 51	2 17	17 55		n.a.
S 24	20 49	18 44	5 0	24 57	1 26	17 41	5 31	21 32	2 42	7 4	1 21	20 59	1 16	3 28	0 38	22 47	0 8	19 40	16 59	2 55	2 19	17 54		n.a.
M25	20 37	18 18	4 44	24 56	1 31	17 49	5 26	21 35	2 42	7 5	1 21	20 57	1 16	3 28	0 38	22 47	0 8	19 39	16 58	3 0	2 20	17 54		n.a.
T 26	20 24	17 3	4 14	24 53	1 36	17 57	5 20	21 37	2 41	7 6	1 22	20 56	1 16	3 28	0 38	22 46	0 8	19 38	16 58	3 4	2 21	17 53		n.a.
W27	20 11	15 5	3 34	24 49	1 40	18 6	5 15	21 40	2 40	7 7	1 22	20 54	1 16	3 28	0 38	22 46	0 8	19 38	16 58	3 8	2 22	17 53		n.a.
T 28	19 57	12 27	2 44	24 43	1 45	18 14	5 10	21 43	2 40	7 8	1 22	20 52	1 16	3 28	0 38	22 46	0 8	19 37	16 57	3 10	2 24	17 52		n.a.
F 29	19 43	9 18	1 46	24 36	1 48	18 22	5 4	21 46	2 39	7 9	1 22	20 51	1 16	3 27	0 39	22 45	0 8	19 36	16 57	3 12	2 25	17 52		n.a.
S 30	19 29	5 43	0 43	24 27	1 52	18 31	4 58	21 49	2 38	7 9	1 22	20 49	1 16	3 27	0 39	22 45	0 8	19 36	16 57	3 13	2 26	17 51		n.a.
S 31	19s14	1s51	0s23	24s17	1s55	18s39	4n53	21n52	2n37	7s10	1n23	20s47	1s17	3s27	0n39	22s45	0s 8	19s35	16s57	3n13	2n28	17s50		n.a.

Julian Day Number = 1492046.5, Delta T = 05h13m53s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'48, Lahiri = -12°37'48 Julian Calendar 1 Jan. 628 BCE == Greg. Calendar 25 Dec. 629 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

FEBRUARY 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 17 6	6♒ 9'03	8♈46	20♑47	22♐40	25♉26	21♎24	4♒ 1	10°R 3	17♑26	19♓47	22♍ 0	23♍50	18♑32	n.a.	M 1
T 2	8 21 2	7° 9'00	21°32	22°27	23°24	25°42	21°26	4° 8	10♎ 2	17°28	19°48	22° 2	23°47	18°39	n.a.	T 2
W 3	8 24 59	8° 8'54	4♉38	24° 8	24° 9	25°58	21°28	4°16	10° 2	17°30	19°49	22°R 3	23°44	18°46	n.a.	W 3
T 4	8 28 55	9° 8'45	18° 8	25°50	24°55	26°15	21°29	4°23	10° 1	17°32	19°50	22° 2	23°41	18°52	n.a.	T 4
F 5	8 32 52	10° 8'35	2♊ 3	27°33	25°41	26°33	21°31	4°30	10° 0	17°34	19°51	22° 0	23°37	18°59	n.a.	F 5
S 6	8 36 48	11° 8'22	16°25	29°18	26°29	26°51	21°32	4°38	9°59	17°37	19°53	21°56	23°34	19° 6	n.a.	S 6
S 7	8 40 45	12° 8'06	1♋10	1♒ 3	27°17	27° 9	21°33	4°45	9°58	17°39	19°54	21°51	23°31	19°12	n.a.	S 7
M 8	8 44 42	13° 7'49	16°12	2°50	28° 7	27°27	21°34	4°53	9°57	17°41	19°55	21°45	23°28	19°19	n.a.	M 8
T 9	8 48 38	14° 7'29	1♌23	4°38	28°57	27°46	21°35	5° 0	9°56	17°43	19°56	21°40	23°25	19°26	n.a.	T 9
W10	8 52 35	15° 7'07	16°33	6°27	29°47	28° 6	21°35	5° 7	9°55	17°45	19°57	21°35	23°21	19°33	n.a.	W10
T 11	8 56 31	16° 6'42	1♍32	8°18	0♑39	28°25	21°36	5°15	9°54	17°47	19°58	21°32	23°18	19°39	n.a.	T 11
F 12	9 0 28	17° 6'16	16°11	10° 9	1°31	28°45	21°R36	5°22	9°53	17°49	20° 0	21°D30	23°15	19°46	n.a.	F 12
S 13	9 4 24	18° 5'47	0♎26	12° 2	2°23	29° 6	21°36	5°30	9°52	17°51	20° 1	21°31	23°12	19°53	n.a.	S 13
S 14	9 8 21	19° 5'17	14°12	13°56	3°16	29°26	21°36	5°37	9°51	17°53	20° 2	21°32	23° 9	19°59	n.a.	S 14
M15	9 12 17	20° 4'45	27°32	15°52	4°10	29°47	21°35	5°44	9°49	17°55	20° 3	21°33	23° 6	20° 6	n.a.	M15
T 16	9 16 14	21° 4'11	10♏27	17°48	5° 5	0♊ 9	21°35	5°51	9°48	17°57	20° 5	21°35	23° 2	20°13	n.a.	T 16
W17	9 20 10	22° 3'35	23° 0	19°45	6° 0	0°31	21°34	5°59	9°47	17°59	20° 6	21°R35	22°59	20°20	n.a.	W17
T 18	9 24 7	23° 2'57	5♐16	21°44	6°55	0°53	21°33	6° 6	9°45	18° 1	20° 7	21°35	22°56	20°26	n.a.	T 18
F 19	9 28 4	24° 2'17	17°20	23°44	7°51	1°15	21°32	6°13	9°44	18° 3	20° 8	21°32	22°53	20°33	n.a.	F 19
S 20	9 32 0	25° 1'36	29°15	25°44	8°48	1°37	21°30	6°20	9°42	18° 5	20°10	21°29	22°50	20°40	n.a.	S 20
S 21	9 35 57	26° 0'52	11♑ 6	27°45	9°45	2° 0	21°29	6°28	9°41	18° 7	20°11	21°25	22°47	20°46	n.a.	S 21
M22	9 39 53	27° 0'06	22°56	29°47	10°42	2°24	21°27	6°35	9°39	18° 9	20°12	21°21	22°43	20°53	n.a.	M22
T 23	9 43 50	27°59'19	4♒49	1♓50	11°40	2°47	21°25	6°42	9°38	18°11	20°13	21°17	22°40	21° 0	n.a.	T 23
W24	9 47 46	28°58'29	16°45	3°53	12°39	3°11	21°23	6°49	9°36	18°12	20°15	21°13	22°37	21° 7	n.a.	W24
T 25	9 51 43	29°57'37	28°48	5°56	13°37	3°35	21°21	6°56	9°34	18°14	20°16	21°11	22°34	21°13	n.a.	T 25
F 26	9 55 39	0♓56'43	10♓59	7°59	14°36	3°59	21°18	7° 3	9°32	18°16	20°17	21° 9	22°31	21°20	n.a.	F 26
S 27	9 59 36	1°55'47	23°19	10° 1	15°36	4°24	21°16	7°10	9°31	18°18	20°19	21°D 9	22°27	21°27	n.a.	S 27
S 28	10 3 32	2♓54'49	5♈51	12♓ 3	16♑36	4♊48	21♎13	7♒17	9♎29	18♑20	20♓20	21♍10	22♍24	21♑33	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s 0	2n 9	1s30	24s 4	1s58	18s47	4n47	21n55	2n37	7s11	1n23	20s45	1s17	3s27	0n39	22s45	0s 8	19s34	16s56	3n13	2n29	17s50		n.a.
T 2	18 44	6 9	2 33	23 51	2 0	18 56	4 41	21 58	2 36	7 11	1 23	20 44	1 17	3 26	0 39	22 44	0 8	19 34	16 56	3 12	2 30	17 49		n.a.
W 3	18 29	9 57	3 30	23 35	2 2	19 4	4 35	22 2	2 35	7 12	1 23	20 42	1 17	3 26	0 39	22 44	0 8	19 33	16 56	3 12	2 31	17 49		n.a.
T 4	18 13	13 21	4 18	23 17	2 3	19 12	4 29	22 5	2 35	7 12	1 23	20 40	1 17	3 26	0 39	22 44	0 8	19 32	16 56	3 12	2 33	17 48		n.a.
F 5	17 57	16 6	4 52	22 58	2 5	19 19	4 23	22 9	2 34	7 13	1 24	20 38	1 17	3 25	0 39	22 44	0 8	19 32	16 55	3 13	2 34	17 48		n.a.
S 6	17 40	17 57	5 9	22 37	2 5	19 27	4 17	22 12	2 33	7 13	1 24	20 37	1 17	3 25	0 39	22 43	0 8	19 31	16 55	3 14	2 35	17 47		n.a.
S 7	17 23	18 40	5 6	22 14	2 5	19 34	4 10	22 16	2 33	7 13	1 24	20 35	1 17	3 25	0 39	22 43	0 8	19 30	16 55	3 16	2 37	17 47		n.a.
M 8	17 6	18 6	4 43	21 49	2 5	19 41	4 4	22 19	2 32	7 13	1 24	20 33	1 17	3 24	0 39	22 43	0 8	19 30	16 55	3 19	2 38	17 46		n.a.
T 9	16 49	16 14	3 59	21 23	2 4	19 48	3 58	22 23	2 31	7 14	1 24	20 32	1 17	3 24	0 39	22 42	0 8	19 29	16 55	3 21	2 39	17 46		n.a.
W10	16 31	13 15	2 59	20 54	2 3	19 54	3 52	22 27	2 30	7 14	1 24	20 30	1 17	3 23	0 39	22 42	0 8	19 28	16 54	3 23	2 40	17 45		n.a.
T 11	16 13	9 25	1 47	20 24	2 1	20 1	3 45	22 31	2 30	7 13	1 25	20 28	1 17	3 23	0 39	22 42	0 8	19 28	16 54	3 24	2 42	17 44		n.a.
F 12	15 55	5 5	0 29	19 51	1 59	20 6	3 39	22 35	2 29	7 13	1 25	20 26	1 17	3 22	0 39	22 42	0 8	19 27	16 54	3 25	2 43	17 44		n.a.
S 13	15 37	0 34	0n49	19 17	1 56	20 12	3 33	22 39	2 28	7 13	1 25	20 25	1 18	3 22	0 39	22 41	0 8	19 26	16 54	3 25	2 44	17 43		n.a.
S 14	15 18	3s49	2 1	18 40	1 53	20 17	3 27	22 42	2 28	7 13	1 25	20 23	1 18	3 21	0 39	22 41	0 8	19 26	16 53	3 24	2 45	17 43		n.a.
M15	14 59	7 52	3 4	18 2	1 49	20 22	3 20	22 46	2 27	7 13	1 25	20 21	1 18	3 21	0 39	22 41	0 8	19 25	16 53	3 24	2 47	17 42		n.a.
T 16	14 40	11 25	3 56	17 22	1 45	20 26	3 14	22 50	2 26	7 12	1 26	20 19	1 18	3 20	0 39	22 41	0 8	19 24	16 53	3 23	2 48	17 42		n.a.
W17	14 21	14 20	4 35	16 40	1 40	20 30	3 8	22 54	2 26	7 12	1 26	20 18	1 18	3 20	0 39	22 40	0 8	19 24	16 53	3 23	2 49	17 41		n.a.
T 18	14 1	16 32	5 1	15 56	1 34	20 34	3 1	22 58	2 25	7 11	1 26	20 16	1 18	3 19	0 39	22 40	0 8	19 23	16 53	3 23	2 51	17 40		n.a.
F 19	13 41	17 58	5 13	15 11	1 28	20 37	2 55	23 2	2 24	7 11	1 26	20 14	1 18	3 19	0 39	22 40	0 8	19 22	16 53	3 24	2 52	17 40		n.a.
S 20	13 21	18 35	5 11	14 24	1 22	20 40	2 49	23 7	2 23	7 10	1 26	20 12	1 18	3 18	0 39	22 40	0 8	19 22	16 52	3 25	2 53	17 39		n.a.
S 21	13 1	18 24	4 55	13 35	1 14	20 42	2 43	23 11	2 23	7 9	1 27	20 11	1 18	3 17	0 39	22 39	0 8	19 21	16 52	3 27	2 54	17 39		n.a.
M22	12 41	17 24	4 27	12 44	1 6	20 44	2 36	23 15	2 22	7 8	1 27	20 9	1 18	3 17	0 39	22 39	0 8	19 21	16 52	3 29	2 56	17 38		n.a.
T 23	12 20	15 38	3 48	11 52	0 58	20 45	2 30	23 19	2 21	7 7	1 27	20 7	1 19	3 16	0 39	22 39	0 8	19 20	16 52	3 30	2 57	17 38		n.a.
W24	11 59	13 12	2 58	10 59	0 49	20 46	2 24	23 23	2 21	7 6	1 27	20 5	1 19	3 15	0 39	22 39	0 8	19 19	16 52	3 32	2 58	17 37		n.a.
T 25	11 38	10 11	2 0	10 4	0 40	20 46	2 18	23 27	2 20	7 5	1 27	20 4	1 19	3 15	0 39	22 38	0 8	19 19	16 52	3 33	2 59	17 36		n.a.
F 26	11 17	6 41	0 56	9 9	0 30	20 46	2 12	23 31	2 19	7 4	1 27	20 2	1 19	3 14	0 39	22 38	0 8	19 18	16 52	3 33	3 1	17 36		n.a.
S 27	10 56	2 52	0s12	8 13	0 19	20 46	2 6	23 35	2 19	7 3	1 28	20 0	1 19	3 13	0 39	22 38	0 8	19 17	16 51	3 33	3 2	17 35		n.a.
S 28	10s34	1n 8	1s20	7s16	0s 8	20s44	2n 0	23n39	2n18	7s 2	1n28	19s59	1s19	3s12	0n39	22s38	0s 8	19s17	16s51	3n33	3n 3	17s34		n.a.

Julian Day Number = 1492077.5, Delta T = 05h13m52s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'44, Lahiri = -12°37'43 Julian Calendar 1 Feb. 628 BCE == Greg. Calendar 25 Jan. 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

MARCH 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 7 29	3♓53'48	18♈34	14♓ 4	17♉36	5♊13	21°R10	7♒24	9°R27	18♉21	20♓21	21♍11	22♍21	21♉40	n.a.	M 1
T 2	10 11 26	4°52'45	1♉33	16° 3	18°36	5°39	21♎ 7	7°31	9♎25	18°23	20°23	21°12	22°18	21°47	n.a.	T 2
W 3	10 15 22	5°51'39	14°47	18° 1	19°37	6° 4	21° 3	7°38	9°23	18°25	20°24	21°13	22°15	21°53	n.a.	W 3
T 4	10 19 19	6°50'31	28°19	19°57	20°38	6°30	21° 0	7°45	9°21	18°26	20°26	21°14	22°12	22° 0	n.a.	T 4
F 5	10 23 15	7°49'21	12♊ 9	21°50	21°40	6°56	20°56	7°52	9°19	18°28	20°27	21°R14	22° 8	22° 7	n.a.	F 5
S 6	10 27 12	8°48'09	26°18	23°40	22°41	7°22	20°52	7°58	9°17	18°30	20°28	21°14	22° 5	22°14	n.a.	S 6
S 7	10 31 8	9°46'54	10♋44	25°27	23°43	7°49	20°48	8° 5	9°15	18°31	20°30	21°13	22° 2	22°20	n.a.	S 7
M 8	10 35 5	10°45'36	25°23	27°11	24°46	8°15	20°44	8°12	9°13	18°33	20°31	21°11	21°59	22°27	n.a.	M 8
T 9	10 39 1	11°44'17	10♌10	28°50	25°48	8°42	20°40	8°19	9°11	18°34	20°32	21°10	21°56	22°34	n.a.	T 9
W10	10 42 58	12°42'55	24°58	0♈26	26°51	9° 9	20°35	8°25	9° 9	18°36	20°34	21° 9	21°52	22°40	n.a.	W10
T 11	10 46 55	13°41'30	9♍41	1°57	27°54	9°36	20°30	8°32	9° 7	18°37	20°35	21° 9	21°49	22°47	n.a.	T 11
F 12	10 50 51	14°40'04	24°10	3°24	28°57	10° 4	20°26	8°38	9° 4	18°39	20°37	21°D 9	21°46	22°54	n.a.	F 12
S 13	10 54 48	15°38'36	8♎20	4°46	0♒ 1	10°31	20°21	8°45	9° 2	18°40	20°38	21° 9	21°43	23° 0	n.a.	S 13
S 14	10 58 44	16°37'06	22° 8	6° 2	1° 5	10°59	20°16	8°51	9° 0	18°42	20°39	21° 9	21°40	23° 7	n.a.	S 14
M15	11 2 41	17°35'34	5♏32	7°14	2° 9	11°27	20°10	8°58	8°58	18°43	20°41	21°10	21°37	23°14	n.a.	M15
T 16	11 6 37	18°34'00	18°32	8°21	3°13	11°55	20° 5	9° 4	8°55	18°45	20°42	21°10	21°33	23°21	n.a.	T 16
W17	11 10 34	19°32'24	1♐10	9°22	4°17	12°23	19°59	9°10	8°53	18°46	20°44	21°10	21°30	23°27	n.a.	W17
T 18	11 14 30	20°30'47	13°31	10°18	5°22	12°52	19°54	9°17	8°51	18°47	20°45	21°10	21°27	23°34	n.a.	T 18
F 19	11 18 27	21°29'08	25°37	11° 8	6°27	13°20	19°48	9°23	8°48	18°48	20°46	21°10	21°24	23°41	n.a.	F 19
S 20	11 22 23	22°27'28	7♑34	11°52	7°32	13°49	19°42	9°29	8°46	18°50	20°48	21°10	21°21	23°47	n.a.	S 20
S 21	11 26 20	23°25'46	19°25	12°31	8°37	14°18	19°36	9°35	8°43	18°51	20°49	21°11	21°18	23°54	n.a.	S 21
M22	11 30 17	24°24'02	1♒16	13° 4	9°42	14°47	19°30	9°41	8°41	18°52	20°51	21°11	21°14	24° 1	n.a.	M22
T 23	11 34 13	25°22'16	13°11	13°31	10°48	15°16	19°24	9°47	8°39	18°53	20°52	21°11	21°11	24° 7	n.a.	T 23
W24	11 38 10	26°20'29	25°12	13°53	11°53	15°46	19°17	9°53	8°36	18°54	20°53	21°12	21° 8	24°14	n.a.	W24
T 25	11 42 6	27°18'40	7♓24	14° 9	12°59	16°15	19°11	9°59	8°34	18°56	20°55	21°12	21° 5	24°21	n.a.	T 25
F 26	11 46 3	28°16'49	19°47	14°19	14° 5	16°45	19° 4	10° 5	8°31	18°57	20°56	21°R12	21° 2	24°28	n.a.	F 26
S 27	11 49 59	29°14'56	2♈24	14°R24	15°11	17°15	18°57	10°10	8°29	18°58	20°58	21°12	20°58	24°34	n.a.	S 27
S 28	11 53 56	0♈13'02	15°15	14°23	16°18	17°45	18°50	10°16	8°26	18°59	20°59	21°12	20°55	24°41	n.a.	S 28
M29	11 57 52	1°11'06	28°21	14°17	17°24	18°15	18°44	10°22	8°24	19° 0	21° 0	21°11	20°52	24°48	n.a.	M29
T 30	12 1 49	2° 9'07	11♉41	14° 7	18°31	18°45	18°37	10°27	8°21	19° 1	21° 2	21° 9	20°49	24°54	n.a.	T 30
W31	12 5 45	3♈ 7'07	25♉14	13♈51	19♒37	19♊16	18♎30	10♒33	8♎19	19♑ 2	21♓ 3	21♍ 8	20♍46	25♑ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	10s13	5n 8	2s26	6s19	0n 3	20s43	1n54	23n43	2n17	7s 1	1n28	19s57	1s19	3s12	0n39	22s38	0s 8	19s16	16s51	3n33	3n 5	17s34			n.a.
T 2	9 51	8 58	3 25	5 21	0 14	20 41	1 48	23 47	2 17	6 59	1 28	19 55	1 19	3 11	0 39	22 37	0 8	19 15	16 51	3 32	3 6	17 33			n.a.
W 3	9 29	12 26	4 15	4 24	0 26	20 38	1 42	23 51	2 16	6 58	1 28	19 54	1 20	3 10	0 39	22 37	0 8	19 15	16 51	3 32	3 7	17 33			n.a.
T 4	9 7	15 19	4 52	3 28	0 38	20 35	1 36	23 55	2 15	6 56	1 28	19 52	1 20	3 9	0 39	22 37	0 8	19 14	16 51	3 31	3 8	17 32			n.a.
F 5	8 45	17 24	5 13	2 32	0 50	20 31	1 30	23 58	2 15	6 55	1 28	19 50	1 20	3 9	0 39	22 37	0 8	19 13	16 51	3 31	3 10	17 31			n.a.
S 6	8 23	18 28	5 15	1 37	1 2	20 26	1 25	24 2	2 14	6 53	1 29	19 49	1 20	3 8	0 39	22 37	0 8	19 13	16 51	3 31	3 11	17 31			n.a.
S 7	8 0	18 22	4 59	0 43	1 13	20 21	1 19	24 6	2 13	6 52	1 29	19 47	1 20	3 7	0 39	22 36	0 8	19 12	16 51	3 32	3 12	17 30			n.a.
M 8	7 38	17 4	4 22	0n 9	1 25	20 16	1 13	24 10	2 13	6 50	1 29	19 45	1 20	3 6	0 39	22 36	0 8	19 12	16 51	3 32	3 13	17 29			n.a.
T 9	7 15	14 36	3 28	1 0	1 36	20 10	1 8	24 14	2 12	6 48	1 29	19 44	1 20	3 5	0 39	22 36	0 8	19 11	16 51	3 33	3 15	17 29			n.a.
W10	6 53	11 11	2 20	1 49	1 47	20 4	1 2	24 17	2 11	6 46	1 29	19 42	1 20	3 4	0 39	22 36	0 8	19 10	16 50	3 33	3 16	17 28			n.a.
T 11	6 30	7 4	1 3	2 35	1 58	19 56	0 57	24 21	2 11	6 44	1 29	19 40	1 21	3 3	0 39	22 36	0 8	19 10	16 50	3 33	3 17	17 28			n.a.
F 12	6 7	2 36	0n17	3 19	2 8	19 49	0 51	24 24	2 10	6 43	1 29	19 39	1 21	3 3	0 39	22 35	0 8	19 9	16 50	3 33	3 18	17 27			n.a.
S 13	5 44	1s55	1 34	4 1	2 17	19 41	0 46	24 28	2 9	6 41	1 30	19 37	1 21	3 2	0 39	22 35	0 8	19 8	16 50	3 33	3 20	17 26			n.a.
S 14	5 21	6 12	2 44	4 40	2 26	19 32	0 41	24 31	2 9	6 39	1 30	19 36	1 21	3 1	0 39	22 35	0 8	19 8	16 50	3 33	3 21	17 26			n.a.
M15	4 58	10 3	3 42	5 16	2 34	19 23	0 36	24 34	2 8	6 36	1 30	19 34	1 21	3 0	0 39	22 35	0 8	19 7	16 50	3 33	3 22	17 25			n.a.
T 16	4 35	13 18	4 28	5 49	2 42	19 13	0 30	24 38	2 7	6 34	1 30	19 33	1 21	2 59	0 39	22 35	0 8	19 7	16 50	3 33	3 24	17 24			n.a.
W17	4 12	15 49	4 58	6 20	2 48	19 2	0 25	24 41	2 7	6 32	1 30	19 31	1 21	2 58	0 39	22 34	0 8	19 6	16 50	3 33	3 25	17 24			n.a.
T 18	3 49	17 32	5 15	6 47	2 54	18 51	0 20	24 44	2 6	6 30	1 30	19 29	1 22	2 57	0 39	22 34	0 8	19 5	16 50	3 33	3 26	17 23			n.a.
F 19	3 25	18 25	5 16	7 12	2 59	18 40	0 16	24 47	2 5	6 28	1 30	19 28	1 22	2 56	0 39	22 34	0 9	19 5	16 50	3 33	3 27	17 22			n.a.
S 20	3 2	18 29	5 5	7 33	3 2	18 28	0 11	24 50	2 5	6 25	1 30	19 26	1 22	2 55	0 39	22 34	0 9	19 4	16 50	3 33	3 29	17 22			n.a.
S 21	2 39	17 44	4 40	7 50	3 5	18 16	0 6	24 53	2 4	6 23	1 30	19 25	1 22	2 54	0 39	22 34	0 9	19 4	16 50	3 33	3 30	17 21			n.a.
M22	2 15	16 12	4 3	8 5	3 6	18 3	0 1	24 56	2 3	6 20	1 30	19 23	1 22	2 53	0 39	22 34	0 9	19 3	16 50	3 33	3 31	17 20			n.a.
T 23	1 52	13 58	3 16	8 16	3 7	17 49	0s 3	24 59	2 3	6 18	1 30	19 22	1 22	2 52	0 39	22 33	0 9	19 3	16 50	3 32	3 32	17 20			n.a.
W24	1 28	11 7	2 19	8 24	3 6	17 35	0 8	25 1	2 2	6 15	1 30	19 20	1 23	2 51	0 39	22 33	0 9	19 2	16 50	3 32	3 34	17 19			n.a.
T 25	1 5	7 44	1 16	8 28	3 4	17 20	0 12	25 4	2 2	6 13	1 31	19 19	1 23	2 50	0 39	22 33	0 9	19 2	16 50	3 32	3 35	17 18			n.a.
F 26	0 42	3 59	0 8	8 29	3 1	17 5	0 16	25 6	2 1	6 10	1 31	19 18	1 23	2 49	0 39	22 33	0 9	19 1	16 50	3 32	3 36	17 18			n.a.
S 27	0 18	0n 2	1s 2	8 27	2 56	16 50	0 21	25 9	2 0	6 8	1 31	19 16	1 23	2 48	0 39	22 33	0 9	19 1	16 50	3 32	3 38	17 17			n.a.
S 28	0n 5	4 6	2 9	8 21	2 50	16 34	0 25	25 11	2 0	6 5	1 31	19 15	1 23	2 47	0 39	22 33	0 9	19 0	16 50	3 32	3 39	17 16			n.a.
M29	0 29	8 3	3 12	8 12	2 43	16 17	0 29	25 13	1 59	6 2	1 31	19 13	1 23	2 46	0 39	22 33	0 9	18 59	16 50	3 33	3 40	17 16			n.a.
T 30	0 52	11 40	4 5	8 0	2 35	16 0	0 33	25 15	1 58	6 0	1 31	19 12	1 24	2 45	0 39	22 33	0 9	18 59	16 50	3 33	3 41	17 15			n.a.
W31	1n15	14n44	4s45	7n45	2n25	15s43	0s37	25n17	1n58	5s57	1n31	19s11	1s24	2s44	0n39	22s32	0s 9	18s58	16s50	3n34	3n43	17s14			n.a.

Julian Day Number = 1492105.5, Delta T = 05h13m50s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'40, Lahiri = -12°37'40 Julian Calendar 1 March 628 BCE == Greg. Calendar 22 Feb. 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

APRIL 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 9 42	4♈ 5'05	8♊59	13°R31	20♒44	19♊46	18°R22	10♒38	8°R16	19♑ 3	21♓ 4	21°R 7	20♍43	25♑ 8	n.a.	T 1
F 2	12 13 39	5° 3'01	22°56	13♈ 7	21°51	20°17	18♎15	10°44	8♎14	19° 3	21° 6	21♍ 6	20°39	25°14	n.a.	F 2
S 3	12 17 35	6° 0'56	7♋ 2	12°40	22°58	20°48	18° 8	10°49	8°11	19° 4	21° 7	21°D 5	20°36	25°21	n.a.	S 3
S 4	12 21 32	6°58'48	21°16	12° 9	24° 6	21°18	18° 1	10°54	8° 9	19° 5	21° 9	21° 6	20°33	25°28	n.a.	S 4
M 5	12 25 28	7°56'38	5♌35	11°36	25°13	21°49	17°53	10°59	8° 6	19° 6	21°10	21° 7	20°30	25°35	n.a.	M 5
T 6	12 29 25	8°54'26	19°57	11° 2	26°20	22°21	17°46	11° 4	8° 4	19° 7	21°11	21° 8	20°27	25°41	n.a.	T 6
W 7	12 33 21	9°52'13	4♍18	10°26	27°28	22°52	17°38	11° 9	8° 1	19° 7	21°13	21° 9	20°23	25°48	n.a.	W 7
T 8	12 37 18	10°49'57	18°34	9°49	28°36	23°23	17°31	11°14	7°59	19° 8	21°14	21°R10	20°20	25°55	n.a.	T 8
F 9	12 41 14	11°47'40	2♎41	9°13	29°43	23°55	17°23	11°19	7°56	19° 9	21°15	21° 9	20°17	26° 1	n.a.	F 9
S 10	12 45 11	12°45'22	16°34	8°37	0♓51	24°26	17°16	11°24	7°54	19° 9	21°17	21° 8	20°14	26° 8	n.a.	S 10
S 11	12 49 8	13°43'02	0♏11	8° 3	1°59	24°58	17° 8	11°29	7°51	19°10	21°18	21° 5	20°11	26°15	n.a.	S 11
M12	12 53 4	14°40'40	13°28	7°31	3° 7	25°30	17° 1	11°34	7°48	19°10	21°19	21° 2	20° 8	26°21	n.a.	M12
T 13	12 57 1	15°38'18	26°26	7° 1	4°16	26° 2	16°53	11°38	7°46	19°11	21°21	20°58	20° 4	26°28	n.a.	T 13
W14	13 0 57	16°35'54	9♐ 5	6°34	5°24	26°34	16°45	11°43	7°44	19°11	21°22	20°55	20° 1	26°35	n.a.	W14
T 15	13 4 54	17°33'29	21°27	6°10	6°32	27° 6	16°38	11°47	7°41	19°12	21°23	20°52	19°58	26°42	n.a.	T 15
F 16	13 8 50	18°31'03	3♑35	5°50	7°41	27°38	16°30	11°52	7°39	19°12	21°24	20°49	19°55	26°48	n.a.	F 16
S 17	13 12 47	19°28'36	15°32	5°33	8°49	28°10	16°22	11°56	7°36	19°13	21°26	20°D48	19°52	26°55	n.a.	S 17
S 18	13 16 43	20°26'08	27°25	5°21	9°58	28°43	16°15	12° 0	7°34	19°13	21°27	20°49	19°49	27° 2	n.a.	S 18
M19	13 20 40	21°23'39	9♒17	5°14	11° 7	29°15	16° 7	12° 4	7°31	19°13	21°28	20°50	19°45	27° 8	n.a.	M19
T 20	13 24 37	22°21'08	21°13	5°D10	12°16	29°48	16° 0	12° 8	7°29	19°14	21°29	20°51	19°42	27°15	n.a.	T 20
W21	13 28 33	23°18'37	3♓17	5°12	13°25	0♋21	15°52	12°12	7°26	19°14	21°31	20°53	19°39	27°22	n.a.	W21
T 22	13 32 30	24°16'05	15°35	5°17	14°34	0°54	15°45	12°16	7°24	19°14	21°32	20°R54	19°36	27°28	n.a.	T 22
F 23	13 36 26	25°13'32	28° 9	5°27	15°43	1°26	15°37	12°20	7°22	19°14	21°33	20°54	19°33	27°35	n.a.	F 23
S 24	13 40 23	26°10'58	11♈ 2	5°42	16°52	1°59	15°30	12°24	7°19	19°15	21°34	20°52	19°29	27°42	n.a.	S 24
S 25	13 44 19	27° 8'22	24°13	6° 1	18° 1	2°33	15°22	12°27	7°17	19°15	21°35	20°49	19°26	27°48	n.a.	S 25
M26	13 48 16	28° 5'46	7♉43	6°25	19°10	3° 6	15°15	12°31	7°15	19°15	21°37	20°44	19°23	27°55	n.a.	M26
T 27	13 52 12	29° 3'09	21°29	6°53	20°20	3°39	15° 8	12°34	7°12	19°15	21°38	20°38	19°20	28° 2	n.a.	T 27
W28	13 56 9	0♉ 0'31	5♊28	7°25	21°29	4°12	15° 1	12°38	7°10	19°15	21°39	20°32	19°17	28° 9	n.a.	W28
T 29	14 0 6	0°57'51	19°36	8° 1	22°39	4°46	14°53	12°41	7° 8	19°R15	21°40	20°27	19°14	28°15	n.a.	T 29
F 30	14 4 2	1♉55'11	3♋50	8♈41	23♓48	5♋19	14♎46	12♒44	7♎ 6	19♑15	21♓41	20♍22	19♍10	28♑22	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n39	17n 0	5s 9	7n27	2n14	15s25	0s41	25n19	1n57	5s54	1n31	19s 9	1s24	2s43	0n39	22s32	0s 9	18s58	16s51	3n34	3n44	17s13		n.a.
F 2	2 2	18 19	5 16	7 7	2 2	15 7	0 44	25 21	1 57	5 51	1 31	19 8	1 24	2 42	0 39	22 32	0 9	18 57	16 51	3 35	3 45	17 13		n.a.
S 3	2 25	18 31	5 4	6 44	1 49	14 48	0 48	25 22	1 56	5 49	1 31	19 7	1 24	2 41	0 39	22 32	0 9	18 57	16 51	3 35	3 46	17 12		n.a.
S 4	2 48	17 33	4 34	6 19	1 35	14 29	0 52	25 24	1 55	5 46	1 31	19 5	1 24	2 40	0 39	22 32	0 9	18 57	16 51	3 35	3 48	17 11		n.a.
M 5	3 12	15 29	3 46	5 52	1 20	14 9	0 55	25 25	1 55	5 43	1 31	19 4	1 25	2 39	0 39	22 32	0 9	18 56	16 51	3 34	3 49	17 11		n.a.
T 6	3 35	12 26	2 44	5 24	1 4	13 49	0 58	25 27	1 54	5 40	1 31	19 3	1 25	2 38	0 39	22 32	0 9	18 56	16 51	3 34	3 50	17 10		n.a.
W 7	3 58	8 39	1 32	4 55	0 48	13 29	1 2	25 28	1 54	5 37	1 31	19 2	1 25	2 37	0 39	22 32	0 9	18 55	16 51	3 33	3 51	17 9		n.a.
T 8	4 21	4 22	0 14	4 25	0 31	13 8	1 5	25 29	1 53	5 34	1 31	19 0	1 25	2 36	0 39	22 32	0 9	18 55	16 51	3 33	3 53	17 8		n.a.
F 9	4 44	0s 7	1n 3	3 55	0 14	12 47	1 8	25 30	1 52	5 32	1 31	18 59	1 25	2 35	0 39	22 32	0 9	18 54	16 51	3 33	3 54	17 8		n.a.
S 10	5 6	4 31	2 16	3 25	0s 3	12 25	1 11	25 31	1 52	5 29	1 31	18 58	1 26	2 34	0 39	22 32	0 9	18 54	16 51	3 34	3 55	17 7		n.a.
S 11	5 29	8 36	3 19	2 56	0 20	12 3	1 14	25 31	1 51	5 26	1 30	18 57	1 26	2 33	0 39	22 31	0 9	18 53	16 51	3 35	3 57	17 6		n.a.
M12	5 52	12 8	4 9	2 28	0 37	11 41	1 16	25 32	1 50	5 23	1 30	18 56	1 26	2 32	0 39	22 31	0 9	18 53	16 52	3 36	3 58	17 5		n.a.
T 13	6 14	15 0	4 46	2 1	0 53	11 18	1 19	25 32	1 50	5 20	1 30	18 55	1 26	2 31	0 39	22 31	0 9	18 53	16 52	3 38	3 59	17 5		n.a.
W14	6 37	17 3	5 7	1 35	1 9	10 55	1 22	25 33	1 49	5 17	1 30	18 53	1 26	2 30	0 39	22 31	0 9	18 52	16 52	3 39	4 0	17 4		n.a.
T 15	6 59	18 16	5 14	1 12	1 24	10 32	1 24	25 33	1 49	5 14	1 30	18 52	1 27	2 29	0 39	22 31	0 9	18 52	16 52	3 40	4 2	17 3		n.a.
F 16	7 21	18 37	5 6	0 50	1 39	10 8	1 27	25 33	1 48	5 11	1 30	18 51	1 27	2 28	0 39	22 31	0 9	18 51	16 52	3 41	4 3	17 3		n.a.
S 17	7 43	18 8	4 45	0 31	1 53	9 45	1 29	25 33	1 48	5 8	1 30	18 50	1 27	2 27	0 39	22 31	0 9	18 51	16 52	3 42	4 4	17 2		n.a.
S 18	8 5	16 51	4 12	0 14	2 6	9 20	1 31	25 33	1 47	5 6	1 30	18 49	1 27	2 26	0 39	22 31	0 9	18 51	16 52	3 41	4 5	17 1		n.a.
M19	8 27	14 50	3 28	0 0	2 18	8 56	1 33	25 32	1 46	5 3	1 30	18 48	1 27	2 25	0 39	22 31	0 9	18 50	16 53	3 41	4 7	17 0		n.a.
T 20	8 49	12 10	2 35	0s11	2 29	8 31	1 35	25 32	1 46	5 0	1 30	18 47	1 28	2 24	0 39	22 31	0 9	18 50	16 53	3 40	4 8	16 59		n.a.
W21	9 11	8 58	1 35	0 20	2 39	8 6	1 37	25 31	1 45	4 57	1 30	18 46	1 28	2 24	0 39	22 31	0 9	18 50	16 53	3 40	4 9	16 59		n.a.
T 22	9 32	5 19	0 29	0 26	2 48	7 41	1 39	25 30	1 45	4 54	1 30	18 46	1 28	2 23	0 39	22 31	0 9	18 49	16 53	3 39	4 10	16 58		n.a.
F 23	9 53	1 21	0s40	0 30	2 56	7 15	1 41	25 30	1 44	4 51	1 29	18 45	1 28	2 22	0 39	22 31	0 9	18 49	16 53	3 39	4 12	16 57		n.a.
S 24	10 15	2n46	1 48	0 30	3 3	6 49	1 42	25 29	1 43	4 49	1 29	18 44	1 28	2 21	0 39	22 31	0 9	18 49	16 53	3 40	4 13	16 56		n.a.
S 25	10 36	6 52	2 52	0 28	3 9	6 23	1 44	25 27	1 43	4 46	1 29	18 43	1 29	2 20	0 39	22 31	0 9	18 48	16 54	3 41	4 14	16 56		n.a.
M26	10 57	10 42	3 47	0 23	3 14	5 57	1 45	25 26	1 42	4 43	1 29	18 42	1 29	2 19	0 39	22 31	0 9	18 48	16 54	3 43	4 15	16 55		n.a.
T 27	11 17	14 1	4 31	0 16	3 19	5 31	1 47	25 25	1 42	4 41	1 29	18 41	1 29	2 18	0 39	22 31	0 9	18 48	16 54	3 46	4 17	16 54		n.a.
W28	11 38	16 36	4 59	0 6	3 22	5 4	1 48	25 23	1 41	4 38	1 29	18 41	1 29	2 17	0 39	22 31	0 9	18 47	16 54	3 48	4 18	16 53		n.a.
T 29	11 58	18 12	5 10	0n 6	3 24	4 37	1 49	25 21	1 40	4 35	1 28	18 40	1 30	2 16	0 39	22 31	0 9	18 47	16 54	3 50	4 19	16 53		n.a.
F 30	12n18	18n41	5s 1	0n21	3s26	4s11	1s50	25n19	1n40	4s33	1n28	18s39	1s30	2s15	0n39	22s31	0s 9	18s47	16s55	3n52	4n21	16s52		n.a.

Julian Day Number = 1492136.5, Delta T = 05h13m49s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'36, Lahiri = -12°37'35 Julian Calendar 1 Apr. 628 BCE == Greg. Calendar 25 March 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

MAY 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 7 59	2♉52'29	18♋ 4	9♈25	24♓58	5♋53	14°R39	12♒47	7°R 3	19°R15	21♓42	20°R20	19♍ 7	28♑29	n.a.	S 1
S 2	14 11 55	3°49'46	2♌17	10°12	26° 8	6°27	14♎33	12°50	7♎ 1	19♑15	21°43	20°D19	19° 4	28°35	n.a.	S 2
M 3	14 15 52	4°47'02	16°26	11° 4	27°17	7° 1	14°26	12°53	6°59	19°15	21°44	20♍19	19° 1	28°42	n.a.	M 3
T 4	14 19 48	5°44'16	0♍30	11°59	28°27	7°34	14°19	12°56	6°57	19°14	21°46	20°20	18°58	28°49	n.a.	T 4
W 5	14 23 45	6°41'30	14°28	12°57	29°37	8° 8	14°12	12°59	6°55	19°14	21°47	20°R21	18°54	28°55	n.a.	W 5
T 6	14 27 41	7°38'42	28°17	14° 0	0♈47	8°42	14° 6	13° 2	6°53	19°14	21°48	20°21	18°51	29° 2	n.a.	T 6
F 7	14 31 38	8°35'54	11♎58	15° 5	1°57	9°17	14° 0	13° 4	6°51	19°14	21°49	20°19	18°48	29° 9	n.a.	F 7
S 8	14 35 35	9°33'04	25°28	16°14	3° 7	9°51	13°53	13° 7	6°49	19°14	21°50	20°15	18°45	29°15	n.a.	S 8
S 9	14 39 31	10°30'15	8♏45	17°26	4°17	10°25	13°47	13° 9	6°47	19°13	21°51	20° 9	18°42	29°22	n.a.	S 9
M10	14 43 28	11°27'24	21°48	18°41	5°27	10°59	13°41	13°11	6°45	19°13	21°52	20° 1	18°39	29°29	n.a.	M10
T 11	14 47 24	12°24'33	4♐36	19°59	6°38	11°34	13°35	13°14	6°43	19°12	21°53	19°52	18°35	29°36	n.a.	T 11
W12	14 51 21	13°21'42	17° 8	21°21	7°48	12° 8	13°29	13°16	6°41	19°12	21°54	19°43	18°32	29°42	n.a.	W12
T 13	14 55 17	14°18'50	29°26	22°46	8°58	12°43	13°24	13°18	6°39	19°12	21°54	19°34	18°29	29°49	n.a.	T 13
F 14	14 59 14	15°15'58	11♑32	24°13	10° 9	13°17	13°18	13°20	6°37	19°11	21°55	19°27	18°26	29°56	n.a.	F 14
S 15	15 3 10	16°13'05	23°29	25°44	11°19	13°52	13°13	13°21	6°36	19°11	21°56	19°23	18°23	0♒ 2	n.a.	S 15
S 16	15 7 7	17°10'13	5♒20	27°18	12°30	14°27	13° 7	13°23	6°34	19°10	21°57	19°20	18°20	0° 9	n.a.	S 16
M17	15 11 4	18° 7'20	17°11	28°55	13°40	15° 2	13° 2	13°25	6°32	19°10	21°58	19°D19	18°16	0°16	n.a.	M17
T 18	15 15 0	19° 4'27	29° 7	0♉34	14°51	15°37	12°57	13°26	6°31	19° 9	21°59	19°19	18°13	0°22	n.a.	T 18
W19	15 18 57	20° 1'34	11♓12	2°17	16° 2	16°12	12°52	13°28	6°29	19° 8	22° 0	19°20	18°10	0°29	n.a.	W19
T 20	15 22 53	20°58'41	23°32	4° 3	17°13	16°47	12°48	13°29	6°28	19° 8	22° 1	19°R20	18° 7	0°36	n.a.	T 20
F 21	15 26 50	21°55'48	6♈12	5°51	18°23	17°22	12°43	13°30	6°26	19° 7	22° 1	19°19	18° 4	0°42	n.a.	F 21
S 22	15 30 46	22°52'55	19°14	7°42	19°34	17°57	12°39	13°31	6°24	19° 6	22° 2	19°16	18° 0	0°49	n.a.	S 22
S 23	15 34 43	23°50'02	2♉41	9°36	20°45	18°32	12°35	13°32	6°23	19° 6	22° 3	19°10	17°57	0°56	n.a.	S 23
M24	15 38 39	24°47'09	16°30	11°32	21°56	19° 8	12°30	13°33	6°22	19° 5	22° 4	19° 1	17°54	1° 3	n.a.	M24
T 25	15 42 36	25°44'16	0♊41	13°31	23° 7	19°43	12°27	13°34	6°20	19° 4	22° 4	18°52	17°51	1° 9	n.a.	T 25
W26	15 46 33	26°41'23	15° 7	15°32	24°18	20°18	12°23	13°35	6°19	19° 3	22° 5	18°42	17°48	1°16	n.a.	W26
T 27	15 50 29	27°38'30	29°41	17°34	25°29	20°54	12°19	13°35	6°18	19° 2	22° 6	18°32	17°45	1°23	n.a.	T 27
F 28	15 54 26	28°35'36	14♋18	19°39	26°41	21°30	12°16	13°36	6°16	19° 2	22° 6	18°24	17°41	1°29	n.a.	F 28
S 29	15 58 22	29°32'43	28°49	21°45	27°52	22° 5	12°13	13°36	6°15	19° 1	22° 7	18°19	17°38	1°36	n.a.	S 29
S 30	16 2 19	0♊29'49	13♌12	23°53	29° 3	22°41	12°10	13°36	6°14	19° 0	22° 8	18°16	17°35	1°43	n.a.	S 30
M31	16 6 15	1♊26'54	27♌22	26♉ 1	0♉14	23♋17	12♎ 7	13♒37	6♎13	18♑59	22♓ 8	18°D15	17♍32	1♒49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n38	18n 0	4s34	0n38	3s26	3s43	1s51	25n17	1n39	4s30	1n28	18s38	1s30	2s15	0n39	22s31	0s 9	18s47	16s55	3n53	4n22	16s51		n.a.
S 2	12 58	16 11	3 51	0 57	3 26	3 16	1 52	25 15	1 39	4 28	1 28	18 38	1 30	2 14	0 39	22 31	0 9	18 46	16 55	3 53	4 23	16 50		n.a.
M 3	13 18	13 23	2 53	1 18	3 25	2 49	1 53	25 13	1 38	4 25	1 28	18 37	1 30	2 13	0 39	22 31	0 9	18 46	16 55	3 53	4 24	16 49		n.a.
T 4	13 37	9 48	1 45	1 42	3 23	2 21	1 54	25 10	1 38	4 23	1 28	18 36	1 31	2 12	0 39	22 31	0 9	18 46	16 56	3 53	4 26	16 49		n.a.
W 5	13 56	5 43	0 32	2 7	3 20	1 54	1 54	25 8	1 37	4 20	1 27	18 36	1 31	2 11	0 39	22 31	0 9	18 46	16 56	3 52	4 27	16 48		n.a.
T 6	14 15	1 20	0n43	2 35	3 17	1 26	1 55	25 5	1 36	4 18	1 27	18 35	1 31	2 10	0 39	22 31	0 9	18 46	16 56	3 52	4 28	16 47		n.a.
F 7	14 34	3s 3	1 54	3 4	3 12	0 58	1 55	25 2	1 36	4 16	1 27	18 35	1 31	2 10	0 39	22 31	0 9	18 45	16 56	3 53	4 29	16 46		n.a.
S 8	14 52	7 14	2 58	3 35	3 8	0 30	1 55	24 59	1 35	4 13	1 27	18 34	1 32	2 9	0 39	22 31	0 9	18 45	16 57	3 55	4 31	16 45		n.a.
S 9	15 11	10 59	3 50	4 8	3 2	0 2	1 56	24 56	1 35	4 11	1 27	18 34	1 32	2 8	0 39	22 31	0 9	18 45	16 57	3 57	4 32	16 45		n.a.
M10	15 29	14 7	4 30	4 43	2 56	0n26	1 56	24 52	1 34	4 9	1 26	18 33	1 32	2 7	0 39	22 32	0 9	18 45	16 57	4 0	4 33	16 44		n.a.
T 11	15 46	16 31	4 55	5 19	2 49	0 54	1 56	24 49	1 34	4 7	1 26	18 33	1 32	2 7	0 39	22 32	0 9	18 45	16 57	4 4	4 34	16 43		n.a.
W12	16 4	18 4	5 6	5 56	2 42	1 22	1 56	24 45	1 33	4 5	1 26	18 33	1 32	2 6	0 39	22 32	0 9	18 45	16 58	4 8	4 36	16 42		n.a.
T 13	16 21	18 45	5 1	6 35	2 34	1 50	1 56	24 41	1 32	4 3	1 26	18 32	1 33	2 5	0 39	22 32	0 9	18 44	16 58	4 11	4 37	16 41		n.a.
F 14	16 38	18 33	4 44	7 16	2 26	2 18	1 56	24 37	1 32	4 1	1 25	18 32	1 33	2 4	0 39	22 32	0 9	18 44	16 58	4 14	4 38	16 40		n.a.
S 15	16 55	17 32	4 14	7 57	2 17	2 46	1 55	24 33	1 31	3 59	1 25	18 32	1 33	2 4	0 39	22 32	0 9	18 44	16 58	4 16	4 39	16 40		n.a.
S 16	17 12	15 45	3 33	8 40	2 8	3 15	1 55	24 29	1 31	3 57	1 25	18 31	1 33	2 3	0 39	22 32	0 10	18 44	16 59	4 17	4 41	16 39		n.a.
M17	17 28	13 18	2 43	9 24	1 58	3 43	1 54	24 24	1 30	3 55	1 25	18 31	1 34	2 2	0 39	22 32	0 10	18 44	16 59	4 17	4 42	16 38		n.a.
T 18	17 44	10 17	1 46	10 9	1 48	4 11	1 54	24 19	1 30	3 53	1 24	18 31	1 34	2 2	0 39	22 32	0 10	18 44	16 59	4 17	4 43	16 37		n.a.
W19	17 59	6 48	0 43	10 54	1 38	4 39	1 53	24 15	1 29	3 52	1 24	18 31	1 34	2 1	0 39	22 32	0 10	18 44	16 59	4 17	4 44	16 36		n.a.
T 20	18 15	2 56	0s22	11 41	1 27	5 7	1 53	24 10	1 28	3 50	1 24	18 31	1 34	2 1	0 39	22 32	0 10	18 44	17 0	4 17	4 46	16 35		n.a.
F 21	18 30	1n 8	1 29	12 28	1 16	5 35	1 52	24 4	1 28	3 49	1 24	18 30	1 35	2 0	0 38	22 33	0 10	18 44	17 0	4 17	4 47	16 35		n.a.
S 22	18 45	5 17	2 32	13 15	1 5	6 3	1 51	23 59	1 27	3 47	1 23	18 30	1 35	1 59	0 38	22 33	0 10	18 44	17 0	4 18	4 48	16 34		n.a.
S 23	18 59	9 18	3 29	14 2	0 54	6 31	1 50	23 54	1 27	3 46	1 23	18 30	1 35	1 59	0 38	22 33	0 10	18 44	17 1	4 21	4 49	16 33		n.a.
M24	19 14	12 55	4 16	14 50	0 42	6 58	1 49	23 48	1 26	3 44	1 23	18 30	1 35	1 58	0 38	22 33	0 10	18 44	17 1	4 24	4 51	16 32		n.a.
T 25	19 27	15 53	4 48	15 37	0 31	7 26	1 48	23 42	1 26	3 43	1 23	18 30	1 36	1 58	0 38	22 33	0 10	18 44	17 1	4 28	4 52	16 31		n.a.
W26	19 41	17 55	5 2	16 24	0 19	7 53	1 47	23 37	1 25	3 42	1 22	18 30	1 36	1 57	0 38	22 33	0 10	18 44	17 2	4 32	4 53	16 30		n.a.
T 27	19 54	18 49	4 57	17 11	0 8	8 21	1 46	23 30	1 24	3 41	1 22	18 30	1 36	1 57	0 38	22 33	0 10	18 44	17 2	4 36	4 55	16 29		n.a.
F 28	20 7	18 28	4 33	17 56	0n 3	8 48	1 45	23 24	1 24	3 40	1 22	18 30	1 36	1 56	0 38	22 33	0 10	18 44	17 2	4 39	4 56	16 29		n.a.
S 29	20 20	16 55	3 51	18 41	0 14	9 15	1 43	23 18	1 23	3 39	1 22	18 30	1 36	1 56	0 38	22 34	0 10	18 44	17 3	4 41	4 57	16 28		n.a.
S 30	20 32	14 18	2 55	19 24	0 24	9 42	1 42	23 11	1 23	3 38	1 21	18 31	1 37	1 56	0 38	22 34	0 10	18 44	17 3	4 42	4 58	16 27		n.a.
M31	20n44	10n51	1s48	20n 5	0n35	10n 9	1s41	23n 5	1n22	3s37	1n21	18s31	1s37	1s55	0n38	22s34	0s10	18s44	17s 3	4n43	5n 0	16s26		n.a.

Julian Day Number = 1492166.5, Delta T = 05h13m48s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'32, Lahiri = -12°37'31 Julian Calendar 1 May 628 BCE == Greg. Calendar 24 Apr. 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

JUNE 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 10 12	2♊24'00	11♍19	28♉11	1♉26	23♋53	12°R 4	13°R37	6°R12	18°R58	22♓ 9	18°R15	17♍29	1♒56	n.a.	T 1
W 2	16 14 9	3°21'05	25° 2	0♊20	2°37	24°29	12♎ 1	13♒37	6♎11	18♑57	22°10	18♍15	17°26	2° 3	n.a.	W 2
T 3	16 18 5	4°18'10	8♎33	2°30	3°49	25° 5	11°59	13°37	6°10	18°56	22°10	18°13	17°22	2° 9	n.a.	T 3
F 4	16 22 2	5°15'16	21°52	4°40	5° 0	25°41	11°57	13°36	6° 9	18°55	22°11	18°10	17°19	2°16	n.a.	F 4
S 5	16 25 58	6°12'21	4♏59	6°49	6°12	26°17	11°55	13°36	6° 8	18°54	22°11	18° 3	17°16	2°23	n.a.	S 5
S 6	16 29 55	7° 9'27	17°55	8°58	7°23	26°53	11°53	13°36	6° 8	18°53	22°12	17°54	17°13	2°29	n.a.	S 6
M 7	16 33 51	8° 6'32	0♐39	11° 6	8°35	27°29	11°51	13°35	6° 7	18°51	22°12	17°43	17°10	2°36	n.a.	M 7
T 8	16 37 48	9° 3'38	13°12	13°13	9°47	28° 6	11°50	13°35	6° 6	18°50	22°13	17°30	17° 6	2°43	n.a.	T 8
W 9	16 41 44	10° 0'45	25°34	15°19	10°58	28°42	11°49	13°34	6° 5	18°49	22°13	17°17	17° 3	2°49	n.a.	W 9
T 10	16 45 41	10°57'52	7♑44	17°23	12°10	29°19	11°47	13°33	6° 5	18°48	22°13	17° 5	17° 0	2°56	n.a.	T 10
F 11	16 49 38	11°55'00	19°45	19°26	13°22	29°55	11°47	13°32	6° 4	18°47	22°14	16°55	16°57	3° 3	n.a.	F 11
S 12	16 53 34	12°52'08	1♒38	21°28	14°34	0♌32	11°46	13°31	6° 4	18°45	22°14	16°47	16°54	3°10	n.a.	S 12
S 13	16 57 31	13°49'17	13°27	23°28	15°46	1° 8	11°45	13°30	6° 3	18°44	22°15	16°42	16°51	3°16	n.a.	S 13
M14	17 1 27	14°46'26	25°17	25°26	16°58	1°45	11°45	13°29	6° 3	18°43	22°15	16°39	16°47	3°23	n.a.	M14
T 15	17 5 24	15°43'37	7♓11	27°23	18°10	2°22	11°45	13°28	6° 3	18°42	22°15	16°38	16°44	3°30	n.a.	T 15
W16	17 9 20	16°40'48	19°15	29°18	19°22	2°58	11°D45	13°26	6° 2	18°40	22°15	16°38	16°41	3°36	n.a.	W16
T 17	17 13 17	17°38'01	1♈34	1♋11	20°34	3°35	11°45	13°25	6° 2	18°39	22°16	16°38	16°38	3°43	n.a.	T 17
F 18	17 17 13	18°35'14	14°14	3° 2	21°46	4°12	11°45	13°23	6° 2	18°38	22°16	16°36	16°35	3°50	n.a.	F 18
S 19	17 21 10	19°32'28	27°18	4°52	22°58	4°49	11°46	13°21	6° 2	18°36	22°16	16°32	16°32	3°56	n.a.	S 19
S 20	17 25 7	20°29'43	10♉50	6°40	24°11	5°26	11°46	13°20	6° 2	18°35	22°16	16°26	16°28	4° 3	n.a.	S 20
M21	17 29 3	21°26'59	24°50	8°26	25°23	6° 3	11°47	13°18	6°D 1	18°34	22°17	16°17	16°25	4°10	n.a.	M21
T 22	17 33 0	22°24'17	9♊16	10°10	26°35	6°41	11°48	13°16	6° 2	18°32	22°17	16° 7	16°22	4°16	n.a.	T 22
W23	17 36 56	23°21'35	24° 1	11°53	27°48	7°18	11°50	13°14	6° 2	18°31	22°17	15°56	16°19	4°23	n.a.	W23
T 24	17 40 53	24°18'54	8♋58	13°34	29° 0	7°55	11°51	13°12	6° 2	18°29	22°17	15°45	16°16	4°30	n.a.	T 24
F 25	17 44 49	25°16'14	23°57	15°13	0♊13	8°33	11°53	13° 9	6° 2	18°28	22°17	15°36	16°12	4°36	n.a.	F 25
S 26	17 48 46	26°13'35	8♌50	16°50	1°25	9°10	11°54	13° 7	6° 2	18°26	22°17	15°30	16° 9	4°43	n.a.	S 26
S 27	17 52 43	27°10'56	23°29	18°26	2°38	9°47	11°56	13° 5	6° 2	18°25	22°17	15°27	16° 6	4°50	n.a.	S 27
M28	17 56 39	28° 8'18	7♍49	20° 0	3°50	10°25	11°58	13° 2	6° 3	18°23	22°17	15°25	16° 3	4°56	n.a.	M28
T 29	18 0 36	29° 5'41	21°50	21°32	5° 3	11° 3	12° 1	12°59	6° 3	18°22	22°R17	15°25	16° 0	5° 3	n.a.	T 29
W30	18 4 32	0♋ 3'04	5♎30	23♋ 3	6♊16	11♌40	12♎ 3	12♒57	6♎ 3	18♑20	22♓17	15♍25	15♍57	5♒10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n56	6n51	0s37	20n45	0n44	10n35	1s39	22n58	1n22	3s36	1n21	18s31	1s37	1s55	0n38	22s34	0s10	18s44	17s 3	4n43	5n 1	16s25		n.a.
W 2	21 7	2 33	0n36	21 22	0 53	11 1	1 37	22 51	1 21	3 35	1 20	18 31	1 37	1 54	0 38	22 34	0 10	18 44	17 4	4 43	5 2	16 24		n.a.
T 3	21 18	1s49	1 45	21 58	1 2	11 28	1 36	22 44	1 20	3 34	1 20	18 31	1 38	1 54	0 38	22 34	0 10	18 44	17 4	4 43	5 3	16 23		n.a.
F 4	21 28	6 2	2 48	22 31	1 10	11 53	1 34	22 36	1 20	3 34	1 20	18 32	1 38	1 54	0 38	22 35	0 10	18 44	17 4	4 45	5 5	16 22		n.a.
S 5	21 38	9 54	3 41	23 1	1 17	12 19	1 32	22 29	1 19	3 33	1 19	18 32	1 38	1 53	0 38	22 35	0 10	18 44	17 5	4 47	5 6	16 22		n.a.
S 6	21 48	13 14	4 21	23 29	1 24	12 44	1 31	22 21	1 19	3 33	1 19	18 32	1 38	1 53	0 38	22 35	0 10	18 44	17 5	4 51	5 7	16 21		n.a.
M 7	21 58	15 53	4 47	23 54	1 30	13 9	1 29	22 13	1 18	3 33	1 19	18 33	1 39	1 53	0 38	22 35	0 10	18 44	17 5	4 55	5 8	16 20		n.a.
T 8	22 7	17 45	5 0	24 17	1 35	13 34	1 27	22 6	1 18	3 32	1 19	18 33	1 39	1 53	0 38	22 35	0 10	18 44	17 6	5 0	5 10	16 19		n.a.
W 9	22 15	18 44	4 57	24 36	1 40	13 59	1 25	21 57	1 17	3 32	1 18	18 34	1 39	1 52	0 38	22 35	0 10	18 45	17 6	5 5	5 11	16 18		n.a.
T 10	22 24	18 51	4 41	24 53	1 44	14 23	1 23	21 49	1 16	3 32	1 18	18 34	1 39	1 52	0 38	22 36	0 10	18 45	17 6	5 10	5 12	16 17		n.a.
F 11	22 32	18 7	4 13	25 7	1 47	14 47	1 21	21 41	1 16	3 32	1 18	18 35	1 40	1 52	0 38	22 36	0 10	18 45	17 7	5 14	5 13	16 16		n.a.
S 12	22 39	16 35	3 34	25 19	1 50	15 10	1 19	21 32	1 15	3 32	1 17	18 35	1 40	1 52	0 38	22 36	0 10	18 45	17 7	5 17	5 15	16 15		n.a.
S 13	22 46	14 22	2 46	25 28	1 52	15 34	1 17	21 24	1 15	3 32	1 17	18 36	1 40	1 52	0 38	22 36	0 10	18 45	17 7	5 19	5 16	16 14		n.a.
M14	22 53	11 32	1 51	25 34	1 53	15 57	1 14	21 15	1 14	3 32	1 17	18 36	1 40	1 52	0 38	22 36	0 10	18 45	17 8	5 20	5 17	16 13		n.a.
T 15	22 59	8 13	0 50	25 38	1 53	16 19	1 12	21 6	1 14	3 32	1 16	18 37	1 41	1 51	0 38	22 37	0 10	18 45	17 8	5 21	5 18	16 12		n.a.
W16	23 5	4 31	0s14	25 39	1 53	16 41	1 10	20 57	1 13	3 32	1 16	18 37	1 41	1 51	0 38	22 37	0 10	18 46	17 9	5 21	5 20	16 12		n.a.
T 17	23 11	0 34	1 18	25 38	1 52	17 3	1 8	20 47	1 12	3 33	1 16	18 38	1 41	1 51	0 38	22 37	0 10	18 46	17 9	5 21	5 21	16 11		n.a.
F 18	23 16	3n32	2 21	25 35	1 51	17 24	1 5	20 38	1 12	3 33	1 16	18 39	1 41	1 51	0 37	22 37	0 10	18 46	17 9	5 22	5 22	16 10		n.a.
S 19	23 21	7 35	3 18	25 30	1 49	17 45	1 3	20 28	1 11	3 34	1 15	18 39	1 41	1 51	0 37	22 37	0 10	18 46	17 10	5 23	5 23	16 9		n.a.
S 20	23 25	11 24	4 5	25 22	1 47	18 6	1 1	20 19	1 11	3 34	1 15	18 40	1 42	1 51	0 37	22 38	0 10	18 47	17 10	5 25	5 25	16 8		n.a.
M21	23 29	14 42	4 40	25 13	1 44	18 26	0 58	20 9	1 10	3 35	1 15	18 41	1 42	1 51	0 37	22 38	0 10	18 47	17 10	5 29	5 26	16 7		n.a.
T 22	23 33	17 13	4 59	25 2	1 40	18 45	0 56	19 59	1 10	3 35	1 14	18 42	1 42	1 51	0 37	22 38	0 10	18 47	17 11	5 33	5 27	16 6		n.a.
W23	23 36	18 40	4 58	24 49	1 36	19 5	0 53	19 49	1 9	3 36	1 14	18 43	1 42	1 51	0 37	22 38	0 10	18 47	17 11	5 37	5 28	16 5		n.a.
T 24	23 39	18 51	4 37	24 35	1 32	19 23	0 51	19 38	1 8	3 37	1 14	18 43	1 43	1 51	0 37	22 38	0 10	18 48	17 11	5 42	5 30	16 4		n.a.
F 25	23 41	17 44	3 57	24 19	1 27	19 41	0 48	19 28	1 8	3 38	1 13	18 44	1 43	1 52	0 37	22 39	0 10	18 48	17 12	5 45	5 31	16 3		n.a.
S 26	23 43	15 24	3 1	24 2	1 21	19 59	0 46	19 17	1 7	3 39	1 13	18 45	1 43	1 52	0 37	22 39	0 10	18 48	17 12	5 47	5 32	16 2		n.a.
S 27	23 44	12 6	1 53	23 44	1 16	20 16	0 43	19 7	1 7	3 40	1 13	18 46	1 43	1 52	0 37	22 39	0 10	18 48	17 12	5 49	5 33	16 1		n.a.
M28	23 45	8 8	0 40	23 24	1 9	20 33	0 41	18 56	1 6	3 41	1 13	18 47	1 43	1 52	0 37	22 39	0 10	18 49	17 13	5 49	5 35	16 0		n.a.
T 29	23 46	3 48	0n34	23 3	1 3	20 49	0 38	18 45	1 5	3 42	1 12	18 48	1 44	1 52	0 37	22 40	0 10	18 49	17 13	5 49	5 36	15 59		n.a.
W30	23n46	0s37	1n44	22n41	0n56	21n 4	0s35	18n34	1n 5	3s44	1n12	18s49	1s44	1s52	0n37	22s40	0s10	18s49	17s13	5n49	5n37	15s58		n.a.

Julian Day Number = 1492197.5, Delta T = 05h13m46s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'28, Lahiri = -12°37'27 Julian Calendar 1 June 628 BCE == Greg. Calendar 25 May 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

JULY 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 8 29	1♋ 0'29	18♎52	24♋32	7♊28	12♌18	12♎ 6	12°R54	6♎ 4	18°R19	22°R17	15°R24	15♍53	5♒16	n.a.	T 1
F 2	18 12 25	1°57'54	1♏57	25°59	8°41	12°56	12° 9	12♒51	6° 4	18♉17	22♓17	15♍21	15°50	5°23	n.a.	F 2
S 3	18 16 22	2°55'20	14°48	27°24	9°54	13°34	12°12	12°48	6° 5	18°16	22°17	15°15	15°47	5°30	n.a.	S 3
S 4	18 20 18	3°52'47	27°27	28°47	11° 7	14°12	12°15	12°45	6° 6	18°14	22°17	15° 6	15°44	5°37	n.a.	S 4
M 5	18 24 15	4°50'15	9♐55	0♌ 9	12°20	14°50	12°18	12°42	6° 6	18°12	22°17	14°56	15°41	5°43	n.a.	M 5
T 6	18 28 12	5°47'44	22°13	1°28	13°33	15°28	12°22	12°39	6° 7	18°11	22°17	14°44	15°38	5°50	n.a.	T 6
W 7	18 32 8	6°45'15	4♑22	2°46	14°46	16° 6	12°26	12°36	6° 8	18° 9	22°17	14°32	15°34	5°57	n.a.	W 7
T 8	18 36 5	7°42'47	16°23	4° 2	15°59	16°44	12°30	12°32	6° 9	18° 8	22°17	14°20	15°31	6° 3	n.a.	T 8
F 9	18 40 1	8°40'20	28°18	5°15	17°12	17°22	12°34	12°29	6°10	18° 6	22°16	14°10	15°28	6°10	n.a.	F 9
S 10	18 43 58	9°37'54	10♒ 9	6°27	18°25	18° 0	12°38	12°26	6°11	18° 4	22°16	14° 3	15°25	6°17	n.a.	S 10
S 11	18 47 54	10°35'31	21°56	7°36	19°38	18°39	12°42	12°22	6°12	18° 3	22°16	13°58	15°22	6°23	n.a.	S 11
M12	18 51 51	11°33'08	3♓45	8°43	20°52	19°17	12°47	12°18	6°13	18° 1	22°16	13°56	15°18	6°30	n.a.	M12
T 13	18 55 47	12°30'47	15°39	9°48	22° 5	19°55	12°51	12°15	6°14	18° 0	22°15	13°D55	15°15	6°37	n.a.	T 13
W14	18 59 44	13°28'28	27°42	10°50	23°18	20°34	12°56	12°11	6°15	17°58	22°15	13°56	15°12	6°43	n.a.	W14
T 15	19 3 41	14°26'11	10♈ 0	11°49	24°32	21°12	13° 1	12° 7	6°16	17°56	22°15	13°R56	15° 9	6°50	n.a.	T 15
F 16	19 7 37	15°23'55	22°37	12°46	25°45	21°51	13° 6	12° 3	6°17	17°55	22°14	13°56	15° 6	6°57	n.a.	F 16
S 17	19 11 34	16°21'42	5♉39	13°40	26°59	22°30	13°12	12° 0	6°19	17°53	22°14	13°55	15° 3	7° 3	n.a.	S 17
S 18	19 15 30	17°19'30	19° 8	14°31	28°12	23° 8	13°17	11°56	6°20	17°51	22°14	13°51	14°59	7°10	n.a.	S 18
M19	19 19 27	18°17'20	3♊ 6	15°19	29°26	23°47	13°23	11°52	6°21	17°50	22°13	13°45	14°56	7°17	n.a.	M19
T 20	19 23 23	19°15'12	17°33	16° 3	0♋39	24°26	13°29	11°47	6°23	17°48	22°13	13°37	14°53	7°23	n.a.	T 20
W21	19 27 20	20°13'05	2♋24	16°44	1°53	25° 5	13°35	11°43	6°24	17°46	22°12	13°29	14°50	7°30	n.a.	W21
T 22	19 31 16	21°11'01	17°31	17°20	3° 7	25°44	13°41	11°39	6°26	17°45	22°12	13°21	14°47	7°37	n.a.	T 22
F 23	19 35 13	22° 8'58	2♌44	17°53	4°20	26°23	13°47	11°35	6°27	17°43	22°12	13°15	14°43	7°43	n.a.	F 23
S 24	19 39 10	23° 6'57	17°53	18°22	5°34	27° 2	13°53	11°31	6°29	17°42	22°11	13°10	14°40	7°50	n.a.	S 24
S 25	19 43 6	24° 4'57	2♍49	18°46	6°48	27°41	14° 0	11°26	6°31	17°40	22°11	13° 8	14°37	7°57	n.a.	S 25
M26	19 47 3	25° 2'59	17°25	19° 5	8° 2	28°20	14° 6	11°22	6°33	17°38	22°10	13°D 8	14°34	8° 3	n.a.	M26
T 27	19 50 59	26° 1'02	1♎36	19°19	9°16	29° 0	14°13	11°18	6°34	17°37	22° 9	13° 9	14°31	8°10	n.a.	T 27
W28	19 54 56	26°59'07	15°23	19°27	10°30	29°39	14°20	11°13	6°36	17°35	22° 9	13°10	14°28	8°17	n.a.	W28
T 29	19 58 52	27°57'13	28°46	19°R30	11°44	0♍18	14°27	11° 9	6°38	17°33	22° 8	13°R10	14°24	8°23	n.a.	T 29
F 30	20 2 49	28°55'21	11♏48	19°27	12°58	0°58	14°34	11° 4	6°40	17°32	22° 8	13° 9	14°21	8°30	n.a.	F 30
S 31	20 6 45	29♋53'30	24♏31	19♌18	14♋12	1♍37	14♎42	11♒ 0	6♎42	17♉30	22♓ 7	13♍ 7	14♍18	8♒37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n46	4s55	2n48	22n18	0n49	21n19	0s33	18n22	1n 4	3s45	1n12	18s50	1s44	1s53	0n37	22s40	0s10	18s50	17s14	5n50	5n38	15s57			n.a.
F 2	23 45	8 52	3 40	21 55	0 41	21 34	0 30	18 11	1 4	3 46	1 11	18 51	1 44	1 53	0 37	22 40	0 10	18 50	17 14	5 51	5 40	15 56			n.a.
S 3	23 44	12 21	4 21	21 30	0 33	21 47	0 27	17 59	1 3	3 48	1 11	18 52	1 44	1 53	0 37	22 40	0 10	18 50	17 14	5 53	5 41	15 56			n.a.
S 4	23 43	15 11	4 48	21 5	0 25	22 0	0 25	17 48	1 3	3 49	1 11	18 53	1 45	1 53	0 37	22 41	0 10	18 51	17 15	5 57	5 42	15 55			n.a.
M 5	23 41	17 17	5 1	20 40	0 16	22 13	0 22	17 36	1 2	3 51	1 11	18 54	1 45	1 54	0 37	22 41	0 10	18 51	17 15	6 1	5 43	15 54			n.a.
T 6	23 38	18 33	4 59	20 13	0 7	22 25	0 20	17 24	1 1	3 53	1 10	18 55	1 45	1 54	0 37	22 41	0 10	18 51	17 15	6 6	5 45	15 53			n.a.
W 7	23 36	18 57	4 44	19 47	0s 2	22 36	0 17	17 12	1 1	3 54	1 10	18 56	1 45	1 54	0 37	22 41	0 10	18 52	17 16	6 10	5 46	15 52			n.a.
T 8	23 32	18 30	4 17	19 20	0 11	22 47	0 14	17 0	1 0	3 56	1 10	18 58	1 45	1 55	0 37	22 42	0 10	18 52	17 16	6 15	5 47	15 51			n.a.
F 9	23 29	17 13	3 38	18 53	0 21	22 57	0 12	16 47	1 0	3 58	1 9	18 59	1 46	1 55	0 37	22 42	0 10	18 53	17 17	6 19	5 48	15 50			n.a.
S 10	23 25	15 13	2 50	18 26	0 31	23 6	0 9	16 35	0 59	4 0	1 9	19 0	1 46	1 56	0 37	22 42	0 10	18 53	17 17	6 22	5 50	15 49			n.a.
S 11	23 20	12 35	1 55	17 58	0 41	23 15	0 6	16 22	0 58	4 2	1 9	19 1	1 46	1 56	0 37	22 42	0 10	18 53	17 17	6 23	5 51	15 48			n.a.
M12	23 15	9 26	0 54	17 31	0 51	23 23	0 4	16 9	0 58	4 4	1 8	19 2	1 46	1 56	0 37	22 43	0 10	18 54	17 18	6 24	5 52	15 47			n.a.
T 13	23 10	5 52	0s 9	17 4	1 1	23 31	0 1	15 57	0 57	4 6	1 8	19 3	1 46	1 57	0 36	22 43	0 10	18 54	17 18	6 25	5 53	15 46			n.a.
W14	23 5	2 2	1 13	16 37	1 12	23 37	0n 2	15 44	0 57	4 8	1 8	19 5	1 47	1 57	0 36	22 43	0 10	18 55	17 18	6 24	5 55	15 45			n.a.
T 15	22 58	1n57	2 15	16 10	1 22	23 43	0 4	15 31	0 56	4 10	1 8	19 6	1 47	1 58	0 36	22 43	0 10	18 55	17 19	6 24	5 56	15 44			n.a.
F 16	22 52	5 57	3 12	15 44	1 33	23 49	0 7	15 17	0 56	4 13	1 7	19 7	1 47	1 58	0 36	22 43	0 10	18 55	17 19	6 24	5 57	15 43			n.a.
S 17	22 45	9 48	4 1	15 18	1 44	23 53	0 9	15 4	0 55	4 15	1 7	19 8	1 47	1 59	0 36	22 44	0 10	18 56	17 19	6 25	5 58	15 42			n.a.
S 18	22 38	13 17	4 39	14 53	1 55	23 57	0 12	14 51	0 54	4 17	1 7	19 10	1 47	2 0	0 36	22 44	0 11	18 56	17 19	6 26	6 0	15 41			n.a.
M19	22 30	16 8	5 1	14 28	2 5	24 0	0 14	14 37	0 54	4 20	1 7	19 11	1 47	2 0	0 36	22 44	0 11	18 57	17 20	6 29	6 1	15 40			n.a.
T 20	22 22	18 6	5 6	14 5	2 16	24 3	0 17	14 23	0 53	4 22	1 6	19 12	1 48	2 1	0 36	22 44	0 11	18 57	17 20	6 32	6 2	15 39			n.a.
W21	22 13	18 55	4 50	13 42	2 27	24 5	0 19	14 10	0 53	4 25	1 6	19 14	1 48	2 1	0 36	22 45	0 11	18 58	17 20	6 35	6 3	15 38			n.a.
T 22	22 4	18 24	4 14	13 21	2 38	24 6	0 22	13 56	0 52	4 28	1 6	19 15	1 48	2 2	0 36	22 45	0 11	18 58	17 21	6 38	6 4	15 37			n.a.
F 23	21 55	16 34	3 20	13 1	2 49	24 6	0 24	13 42	0 51	4 30	1 5	19 16	1 48	2 3	0 36	22 45	0 11	18 59	17 21	6 40	6 6	15 36			n.a.
S 24	21 45	13 35	2 12	12 42	2 59	24 6	0 27	13 28	0 51	4 33	1 5	19 18	1 48	2 3	0 36	22 45	0 11	18 59	17 21	6 42	6 7	15 35			n.a.
S 25	21 35	9 45	0 55	12 25	3 9	24 4	0 29	13 14	0 50	4 36	1 5	19 19	1 48	2 4	0 36	22 46	0 11	19 0	17 22	6 43	6 8	15 34			n.a.
M26	21 25	5 24	0n23	12 9	3 19	24 3	0 31	12 59	0 50	4 39	1 5	19 20	1 48	2 5	0 36	22 46	0 11	19 0	17 22	6 43	6 9	15 33			n.a.
T 27	21 14	0 51	1 38	11 56	3 28	24 0	0 34	12 45	0 49	4 42	1 4	19 22	1 49	2 6	0 36	22 46	0 11	19 1	17 22	6 43	6 11	15 31			n.a.
W28	21 3	3s36	2 46	11 45	3 37	23 57	0 36	12 30	0 48	4 45	1 4	19 23	1 49	2 6	0 36	22 46	0 11	19 1	17 23	6 42	6 12	15 30			n.a.
T 29	20 51	7 44	3 42	11 36	3 46	23 53	0 38	12 16	0 48	4 48	1 4	19 25	1 49	2 7	0 36	22 46	0 11	19 2	17 23	6 42	6 13	15 29			n.a.
F 30	20 39	11 23	4 25	11 30	3 54	23 48	0 40	12 1	0 47	4 51	1 4	19 26	1 49	2 8	0 36	22 47	0 11	19 2	17 23	6 42	6 14	15 28			n.a.
S 31	20n27	14s25	4n54	11n26	4s 0	23n42	0n42	11n46	0n47	4s54	1n 3	19s27	1s49	2s 9	0n36	22s47	0s11	19s 3	17s23	6n43	6n16	15s27			n.a.

Julian Day Number = 1492227.5, Delta T = 05h13m45s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'23, Lahiri = -12°37'23 Julian Calendar 1 July 628 BCE == Greg. Calendar 24 June 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

AUGUST 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 10 42	0♌51'41	7♐ 0	19°R 3	15♋26	2♍17	14♎49	10°R55	6♎44	17°R29	22°R 6	13°R 2	14♍15	8♒43	n.a.	S 1
M 2	20 14 38	1°49'54	19°16	18♌41	16°40	2°56	14°57	10♒51	6°46	17♏27	22♓ 6	12♍56	14°12	8°50	n.a.	M 2
T 3	20 18 35	2°48'08	1♏22	18°13	17°54	3°36	15° 5	10°46	6°48	17°26	22° 5	12°49	14° 9	8°57	n.a.	T 3
W 4	20 22 32	3°46'25	13°22	17°39	19° 8	4°16	15°13	10°41	6°50	17°24	22° 4	12°42	14° 5	9° 3	n.a.	W 4
T 5	20 26 28	4°44'43	25°16	16°59	20°23	4°56	15°21	10°37	6°52	17°22	22° 4	12°35	14° 2	9°10	n.a.	T 5
F 6	20 30 25	5°43'03	7♒ 7	16°13	21°37	5°36	15°29	10°32	6°55	17°21	22° 3	12°29	13°59	9°17	n.a.	F 6
S 7	20 34 21	6°41'25	18°55	15°22	22°51	6°15	15°37	10°28	6°57	17°19	22° 2	12°25	13°56	9°23	n.a.	S 7
S 8	20 38 18	7°39'48	0♓45	14°26	24° 5	6°55	15°45	10°23	6°59	17°18	22° 1	12°22	13°53	9°30	n.a.	S 8
M 9	20 42 14	8°38'14	12°37	13°28	25°20	7°35	15°54	10°18	7° 2	17°16	22° 1	12°D22	13°49	9°37	n.a.	M 9
T 10	20 46 11	9°36'43	24°35	12°27	26°34	8°16	16° 3	10°14	7° 4	17°15	22° 0	12°22	13°46	9°43	n.a.	T 10
W11	20 50 7	10°35'13	6♈42	11°25	27°49	8°56	16°11	10° 9	7° 6	17°13	21°59	12°24	13°43	9°50	n.a.	W11
T 12	20 54 4	11°33'45	19° 2	10°23	29° 3	9°36	16°20	10° 4	7° 9	17°12	21°58	12°25	13°40	9°57	n.a.	T 12
F 13	20 58 1	12°32'20	1♉39	9°23	0♌18	10°16	16°29	10° 0	7°11	17°10	21°57	12°27	13°37	10° 3	n.a.	F 13
S 14	21 1 57	13°30'57	14°37	8°27	1°32	10°56	16°38	9°55	7°14	17° 9	21°57	12°R27	13°34	10°10	n.a.	S 14
S 15	21 5 54	14°29'37	28° 0	7°36	2°47	11°37	16°47	9°50	7°17	17° 8	21°56	12°27	13°30	10°17	n.a.	S 15
M16	21 9 50	15°28'19	11♊49	6°50	4° 1	12°17	16°57	9°46	7°19	17° 6	21°55	12°25	13°27	10°24	n.a.	M16
T 17	21 13 47	16°27'04	26° 6	6°12	5°16	12°58	17° 6	9°41	7°22	17° 5	21°54	12°22	13°24	10°30	n.a.	T 17
W18	21 17 43	17°25'50	10♋47	5°43	6°31	13°38	17°16	9°36	7°25	17° 3	21°53	12°18	13°21	10°37	n.a.	W18
T 19	21 21 40	18°24'39	25°48	5°22	7°46	14°19	17°25	9°32	7°27	17° 2	21°52	12°15	13°18	10°44	n.a.	T 19
F 20	21 25 36	19°23'31	10♌59	5°11	9° 0	15° 0	17°35	9°27	7°30	17° 1	21°51	12°12	13°15	10°50	n.a.	F 20
S 21	21 29 33	20°22'24	26°12	5°D 9	10°15	15°40	17°45	9°23	7°33	17° 0	21°50	12°11	13°11	10°57	n.a.	S 21
S 22	21 33 30	21°21'20	11♍16	5°18	11°30	16°21	17°55	9°18	7°36	16°58	21°49	12°D10	13° 8	11° 4	n.a.	S 22
M23	21 37 26	22°20'17	26° 3	5°36	12°45	17° 2	18° 5	9°14	7°39	16°57	21°48	12°10	13° 5	11°10	n.a.	M23
T 24	21 41 23	23°19'17	10♎27	6° 5	14° 0	17°43	18°15	9° 9	7°42	16°56	21°47	12°11	13° 2	11°17	n.a.	T 24
W25	21 45 19	24°18'18	24°24	6°42	15°15	18°24	18°25	9° 5	7°45	16°54	21°46	12°13	12°59	11°24	n.a.	W25
T 26	21 49 16	25°17'21	7♏55	7°28	16°29	19° 5	18°36	9° 0	7°48	16°53	21°45	12°14	12°55	11°30	n.a.	T 26
F 27	21 53 12	26°16'26	21° 1	8°22	17°44	19°46	18°46	8°56	7°51	16°52	21°44	12°R15	12°52	11°37	n.a.	F 27
S 28	21 57 9	27°15'33	3♐45	9°24	18°59	20°27	18°57	8°52	7°54	16°51	21°43	12°15	12°49	11°44	n.a.	S 28
S 29	22 1 5	28°14'42	16°10	10°33	20°14	21° 9	19° 7	8°47	7°57	16°50	21°42	12°14	12°46	11°50	n.a.	S 29
M30	22 5 2	29°13'53	28°21	11°48	21°29	21°50	19°18	8°43	8° 0	16°49	21°41	12°13	12°43	11°57	n.a.	M30
T 31	22 8 58	0♍13'06	10♏21	13♌ 8	22♌44	22♍31	19♎29	8♒39	8♎ 3	16♏48	21♓40	12♍11	12♍40	12♒ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20n14	16s43	5n 8	11n25	4s 6	23n36	0n45	11n31	0n46	4s57	1n 3	19s29	1s49	2s10	0n36	22s47	0s11	19s 3	17s24	6n45	6n17	15s26			n.a.
M 2	20 1	18 13	5 8	11 27	4 11	23 29	0 47	11 16	0 45	5 0	1 3	19 30	1 49	2 11	0 36	22 47	0 11	19 4	17 24	6 48	6 18	15 25			n.a.
T 3	19 48	18 52	4 54	11 32	4 15	23 21	0 49	11 1	0 45	5 3	1 3	19 31	1 49	2 11	0 36	22 48	0 11	19 4	17 24	6 50	6 19	15 24			n.a.
W 4	19 34	18 40	4 27	11 41	4 17	23 13	0 51	10 46	0 44	5 7	1 2	19 33	1 49	2 12	0 36	22 48	0 11	19 5	17 25	6 53	6 21	15 23			n.a.
T 5	19 20	17 38	3 49	11 52	4 17	23 4	0 53	10 30	0 44	5 10	1 2	19 34	1 50	2 13	0 36	22 48	0 11	19 5	17 25	6 56	6 22	15 22			n.a.
F 6	19 6	15 50	3 0	12 7	4 16	22 54	0 55	10 15	0 43	5 13	1 2	19 36	1 50	2 14	0 36	22 48	0 11	19 6	17 25	6 58	6 23	15 21			n.a.
S 7	18 51	13 23	2 5	12 25	4 13	22 44	0 56	10 0	0 42	5 17	1 2	19 37	1 50	2 15	0 36	22 48	0 11	19 6	17 25	7 0	6 24	15 20			n.a.
S 8	18 36	10 23	1 3	12 46	4 8	22 33	0 58	9 44	0 42	5 20	1 1	19 38	1 50	2 16	0 36	22 49	0 11	19 7	17 26	7 1	6 26	15 19			n.a.
M 9	18 21	6 56	0s 1	13 9	4 2	22 21	1 0	9 28	0 41	5 24	1 1	19 40	1 50	2 17	0 36	22 49	0 11	19 7	17 26	7 1	6 27	15 18			n.a.
T 10	18 5	3 12	1 6	13 35	3 53	22 8	1 2	9 13	0 40	5 28	1 1	19 41	1 50	2 18	0 35	22 49	0 11	19 8	17 26	7 1	6 28	15 17			n.a.
W11	17 49	0n43	2 10	14 3	3 42	21 55	1 3	8 57	0 40	5 31	1 1	19 42	1 50	2 19	0 35	22 49	0 11	19 8	17 26	7 0	6 29	15 16			n.a.
T 12	17 33	4 40	3 8	14 32	3 29	21 41	1 5	8 41	0 39	5 35	1 1	19 44	1 50	2 20	0 35	22 49	0 11	19 9	17 27	6 59	6 31	15 15			n.a.
F 13	17 17	8 29	3 58	15 1	3 15	21 27	1 6	8 25	0 39	5 38	1 0	19 45	1 50	2 21	0 35	22 50	0 11	19 9	17 27	6 59	6 32	15 13			n.a.
S 14	17 0	12 1	4 38	15 32	2 59	21 12	1 8	8 9	0 38	5 42	1 0	19 46	1 50	2 22	0 35	22 50	0 11	19 10	17 27	6 59	6 33	15 12			n.a.
S 15	16 42	15 2	5 5	16 1	2 41	20 56	1 9	7 53	0 37	5 46	1 0	19 48	1 50	2 23	0 35	22 50	0 11	19 11	17 27	6 59	6 34	15 11			n.a.
M16	16 25	17 19	5 14	16 31	2 23	20 39	1 11	7 36	0 37	5 50	1 0	19 49	1 50	2 24	0 35	22 50	0 11	19 11	17 27	7 0	6 35	15 10			n.a.
T 17	16 7	18 37	5 5	16 58	2 4	20 22	1 12	7 20	0 36	5 54	0 59	19 50	1 50	2 25	0 35	22 50	0 11	19 12	17 28	7 1	6 37	15 9			n.a.
W18	15 49	18 44	4 37	17 25	1 45	20 5	1 13	7 4	0 36	5 58	0 59	19 52	1 50	2 26	0 35	22 51	0 11	19 12	17 28	7 2	6 38	15 8			n.a.
T 19	15 31	17 32	3 48	17 49	1 25	19 47	1 14	6 47	0 35	6 1	0 59	19 53	1 51	2 28	0 35	22 51	0 11	19 13	17 28	7 3	6 39	15 7			n.a.
F 20	15 13	15 5	2 44	18 10	1 6	19 28	1 16	6 31	0 34	6 5	0 59	19 54	1 51	2 29	0 35	22 51	0 11	19 13	17 28	7 5	6 40	15 6			n.a.
S 21	14 54	11 36	1 27	18 29	0 47	19 9	1 17	6 14	0 34	6 9	0 59	19 56	1 51	2 30	0 35	22 51	0 11	19 14	17 28	7 5	6 42	15 5			n.a.
S 22	14 35	7 22	0 5	18 44	0 29	18 49	1 18	5 58	0 33	6 13	0 58	19 57	1 51	2 31	0 35	22 51	0 11	19 14	17 29	7 5	6 43	15 4			n.a.
M23	14 15	2 45	1n16	18 57	0 12	18 28	1 19	5 41	0 32	6 18	0 58	19 58	1 51	2 32	0 35	22 51	0 11	19 15	17 29	7 5	6 44	15 3			n.a.
T 24	13 56	1s54	2 30	19 6	0n 5	18 7	1 20	5 24	0 32	6 22	0 58	19 59	1 51	2 33	0 35	22 52	0 11	19 16	17 29	7 5	6 45	15 1			n.a.
W25	13 36	6 17	3 33	19 11	0 20	17 46	1 20	5 7	0 31	6 26	0 58	20 1	1 51	2 35	0 35	22 52	0 11	19 16	17 29	7 4	6 47	15 0			n.a.
T 26	13 16	10 13	4 22	19 13	0 35	17 24	1 21	4 51	0 31	6 30	0 58	20 2	1 51	2 36	0 35	22 52	0 11	19 17	17 29	7 4	6 48	14 59			n.a.
F 27	12 56	13 31	4 55	19 11	0 48	17 1	1 22	4 34	0 30	6 34	0 57	20 3	1 51	2 37	0 35	22 52	0 11	19 17	17 29	7 4	6 49	14 58			n.a.
S 28	12 35	16 4	5 13	19 6	1 0	16 38	1 22	4 17	0 29	6 38	0 57	20 4	1 51	2 38	0 35	22 52	0 11	19 18	17 30	7 4	6 50	14 57			n.a.
S 29	12 15	17 48	5 16	18 58	1 10	16 15	1 23	4 0	0 29	6 43	0 57	20 5	1 51	2 40	0 35	22 52	0 11	19 18	17 30	7 4	6 52	14 56			n.a.
M30	11 54	18 41	5 4	18 46	1 20	15 51	1 24	3 43	0 28	6 47	0 57	20 6	1 51	2 41	0 35	22 53	0 11	19 19	17 30	7 4	6 53	14 55			n.a.
T 31	11n33	18s43	4n39	18n31	1n28	15n27	1n24	3n25	0n27	6s51	0n57	20s 8	1s51	2s42	0n35	22s53	0s11	19s19	17s30	7n 5	6n54	14s54			n.a.

Julian Day Number = 1492258.5, Delta T = 05h13m43s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'19, Lahiri = -12°37'19 Julian Calendar 1 Aug. 628 BCE == Greg. Calendar 25 July 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

SEPTEMBER 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 12 55	1♍12'21	22♉15	14♌32	23♌59	23♍13	19♎40	8°R35	8♎ 6	16°R47	21°R39	12°R 9	12♍36	12♒10	n.a.	W 1
T 2	22 16 52	2°11'38	4♒ 4	16° 1	25°15	23°54	19°51	8♒31	8° 9	16♉45	21♓38	12♍ 8	12°33	12°17	n.a.	T 2
F 3	22 20 48	3°10'57	15°54	17°34	26°30	24°36	20° 2	8°27	8°13	16°44	21°37	12° 6	12°30	12°24	n.a.	F 3
S 4	22 24 45	4°10'17	27°44	19° 9	27°45	25°17	20°13	8°23	8°16	16°43	21°36	12° 6	12°27	12°30	n.a.	S 4
S 5	22 28 41	5° 9'40	9♓39	20°46	29° 0	25°59	20°24	8°19	8°19	16°43	21°35	12°D 5	12°24	12°37	n.a.	S 5
M 6	22 32 38	6° 9'05	21°39	22°26	0♍15	26°41	20°36	8°15	8°22	16°42	21°34	12° 6	12°20	12°44	n.a.	M 6
T 7	22 36 34	7° 8'33	3♈47	24° 7	1°30	27°22	20°47	8°11	8°26	16°41	21°33	12° 6	12°17	12°50	n.a.	T 7
W 8	22 40 31	8° 8'02	16° 5	25°49	2°45	28° 4	20°58	8° 8	8°29	16°40	21°31	12° 6	12°14	12°57	n.a.	W 8
T 9	22 44 27	9° 7'34	28°35	27°32	4° 1	28°46	21°10	8° 4	8°33	16°39	21°30	12° 7	12°11	13° 3	n.a.	T 9
F 10	22 48 24	10° 7'09	11♉20	29°16	5°16	29°28	21°22	8° 0	8°36	16°38	21°29	12° 7	12° 8	13°10	n.a.	F 10
S 11	22 52 20	11° 6'46	24°21	0♍59	6°31	0♎10	21°33	7°57	8°39	16°37	21°28	12° 7	12° 5	13°17	n.a.	S 11
S 12	22 56 17	12° 6'25	7♊41	2°44	7°46	0°52	21°45	7°53	8°43	16°37	21°27	12° 7	12° 1	13°23	n.a.	S 12
M13	23 0 14	13° 6'06	21°23	4°28	9° 2	1°34	21°57	7°50	8°46	16°36	21°26	12° 7	11°58	13°30	n.a.	M13
T 14	23 4 10	14° 5'51	5♋26	6°12	10°17	2°16	22° 9	7°47	8°50	16°35	21°25	12° 7	11°55	13°37	n.a.	T 14
W15	23 8 7	15° 5'37	19°49	7°56	11°32	2°58	22°21	7°44	8°53	16°34	21°24	12° 7	11°52	13°43	n.a.	W15
T 16	23 12 3	16° 5'26	4♌30	9°39	12°48	3°41	22°33	7°40	8°57	16°34	21°22	12° 8	11°49	13°50	n.a.	T 16
F 17	23 16 0	17° 5'17	19°23	11°23	14° 3	4°23	22°45	7°37	9° 0	16°33	21°21	12° 8	11°46	13°57	n.a.	F 17
S 18	23 19 56	18° 5'11	4♍22	13° 5	15°18	5° 6	22°57	7°34	9° 4	16°33	21°20	12° 8	11°42	14° 3	n.a.	S 18
S 19	23 23 53	19° 5'06	19°19	14°48	16°34	5°48	23° 9	7°31	9° 7	16°32	21°19	12°R 8	11°39	14°10	n.a.	S 19
M20	23 27 49	20° 5'04	4♎ 4	16°30	17°49	6°31	23°21	7°29	9°11	16°32	21°18	12° 8	11°36	14°17	n.a.	M20
T 21	23 31 46	21° 5'03	18°32	18°11	19° 5	7°13	23°34	7°26	9°15	16°31	21°17	12° 7	11°33	14°23	n.a.	T 21
W22	23 35 43	22° 5'05	2♏36	19°52	20°20	7°56	23°46	7°23	9°18	16°31	21°15	12° 6	11°30	14°30	n.a.	W22
T 23	23 39 39	23° 5'08	16°15	21°32	21°35	8°38	23°59	7°21	9°22	16°30	21°14	12° 5	11°26	14°37	n.a.	T 23
F 24	23 43 36	24° 5'13	29°28	23°12	22°51	9°21	24°11	7°18	9°26	16°30	21°13	12° 3	11°23	14°43	n.a.	F 24
S 25	23 47 32	25° 5'20	12♐16	24°51	24° 6	10° 4	24°24	7°16	9°29	16°29	21°12	12° 2	11°20	14°50	n.a.	S 25
S 26	23 51 29	26° 5'28	24°44	26°30	25°22	10°47	24°36	7°14	9°33	16°29	21°11	12°D 2	11°17	14°57	n.a.	S 26
M27	23 55 25	27° 5'39	6♑55	28° 8	26°37	11°30	24°49	7°12	9°37	16°29	21°10	12° 2	11°14	15° 3	n.a.	M27
T 28	23 59 22	28° 5'51	18°53	29°46	27°53	12°13	25° 2	7° 9	9°40	16°29	21° 9	12° 3	11°11	15°10	n.a.	T 28
W29	0 3 18	29° 6'04	0♒44	1♎23	29° 8	12°56	25°14	7° 7	9°44	16°28	21° 7	12° 5	11° 7	15°17	n.a.	W29
T 30	0 7 15	0♎ 6'19	12♒33	3♎ 0	0♎23	13♎39	25♎27	7♒ 6	9♎48	16♉28	21♓ 6	12♍ 6	11♍ 4	15♒23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n12	17s55	4n 3	18n13	1n35	15n 2	1n24	3n 8	0n27	6s56	0n56	20s 9	1s51	2s43	0n35	22s53	0s11	19s20	17s30	7n 6	6n55	14s52		n.a.
T 2	10 50	16 20	3 16	17 51	1 41	14 37	1 25	2 51	0 26	7 0	0 56	20 10	1 51	2 45	0 35	22 53	0 11	19 20	17 30	7 6	6 56	14 51		n.a.
F 3	10 29	14 4	2 20	17 28	1 46	14 11	1 25	2 34	0 25	7 4	0 56	20 11	1 51	2 46	0 35	22 53	0 11	19 21	17 30	7 7	6 58	14 50		n.a.
S 4	10 7	11 11	1 19	17 1	1 50	13 45	1 25	2 17	0 25	7 9	0 56	20 12	1 51	2 47	0 35	22 53	0 11	19 21	17 30	7 7	6 59	14 49		n.a.
S 5	9 45	7 51	0 14	16 32	1 53	13 19	1 25	1 59	0 24	7 13	0 56	20 13	1 51	2 49	0 35	22 53	0 11	19 22	17 31	7 7	7 0	14 48		n.a.
M 6	9 23	4 10	0s53	16 2	1 54	12 52	1 25	1 42	0 24	7 18	0 56	20 14	1 51	2 50	0 35	22 54	0 11	19 23	17 31	7 7	7 1	14 47		n.a.
T 7	9 0	0 16	1 58	15 29	1 56	12 25	1 25	1 25	0 23	7 22	0 55	20 15	1 51	2 51	0 35	22 54	0 11	19 23	17 31	7 7	7 3	14 46		n.a.
W 8	8 38	3n41	2 58	14 54	1 56	11 57	1 25	1 7	0 22	7 27	0 55	20 16	1 51	2 53	0 35	22 54	0 11	19 24	17 31	7 7	7 4	14 44		n.a.
T 9	8 15	7 32	3 51	14 18	1 56	11 29	1 25	0 50	0 22	7 31	0 55	20 17	1 51	2 54	0 35	22 54	0 11	19 24	17 31	7 7	7 5	14 43		n.a.
F 10	7 53	11 6	4 33	13 40	1 55	11 1	1 25	0 32	0 21	7 36	0 55	20 18	1 50	2 56	0 35	22 54	0 11	19 25	17 31	7 7	7 6	14 42		n.a.
S 11	7 30	14 13	5 3	13 2	1 53	10 33	1 25	0 15	0 20	7 40	0 55	20 18	1 50	2 57	0 35	22 54	0 11	19 25	17 31	7 7	7 7	14 41		n.a.
S 12	7 7	16 41	5 17	12 22	1 51	10 4	1 24	0s 3	0 20	7 45	0 55	20 19	1 50	2 58	0 35	22 54	0 11	19 26	17 31	7 7	7 9	14 40		n.a.
M13	6 44	18 16	5 14	11 41	1 48	9 35	1 24	0 20	0 19	7 50	0 54	20 20	1 50	3 0	0 35	22 54	0 11	19 26	17 31	7 7	7 10	14 39		n.a.
T 14	6 20	18 47	4 52	10 59	1 45	9 6	1 23	0 38	0 18	7 54	0 54	20 21	1 50	3 1	0 35	22 54	0 11	19 27	17 31	7 6	7 11	14 38		n.a.
W15	5 57	18 8	4 12	10 16	1 41	8 36	1 23	0 56	0 18	7 59	0 54	20 22	1 50	3 3	0 35	22 54	0 11	19 27	17 31	7 6	7 12	14 36		n.a.
T 16	5 34	16 15	3 14	9 33	1 37	8 7	1 22	1 13	0 17	8 3	0 54	20 23	1 50	3 4	0 35	22 55	0 11	19 28	17 31	7 6	7 14	14 35		n.a.
F 17	5 10	13 16	2 3	8 50	1 33	7 37	1 22	1 31	0 16	8 8	0 54	20 23	1 50	3 5	0 35	22 55	0 11	19 28	17 31	7 6	7 15	14 34		n.a.
S 18	4 46	9 22	0 43	8 6	1 29	7 6	1 21	1 49	0 16	8 13	0 54	20 24	1 50	3 7	0 35	22 55	0 11	19 29	17 31	7 6	7 16	14 33		n.a.
S 19	4 23	4 54	0n40	7 21	1 24	6 36	1 20	2 6	0 15	8 18	0 53	20 25	1 50	3 8	0 34	22 55	0 11	19 29	17 31	7 6	7 17	14 32		n.a.
M20	3 59	0 11	1 59	6 36	1 19	6 5	1 19	2 24	0 15	8 22	0 53	20 25	1 50	3 10	0 34	22 55	0 11	19 30	17 31	7 6	7 19	14 30		n.a.
T 21	3 35	4s27	3 9	5 51	1 13	5 35	1 18	2 41	0 14	8 27	0 53	20 26	1 50	3 11	0 34	22 55	0 11	19 30	17 31	7 6	7 20	14 29		n.a.
W22	3 11	8 43	4 5	5 6	1 8	5 4	1 17	2 59	0 13	8 32	0 53	20 27	1 50	3 13	0 34	22 55	0 11	19 30	17 31	7 7	7 21	14 28		n.a.
T 23	2 47	12 22	4 46	4 21	1 2	4 33	1 16	3 17	0 13	8 37	0 53	20 27	1 50	3 14	0 34	22 55	0 11	19 31	17 31	7 7	7 22	14 27		n.a.
F 24	2 23	15 16	5 10	3 35	0 56	4 2	1 15	3 34	0 12	8 41	0 53	20 28	1 50	3 16	0 34	22 55	0 11	19 31	17 31	7 8	7 23	14 26		n.a.
S 25	1 59	17 20	5 17	2 50	0 50	3 30	1 14	3 52	0 11	8 46	0 53	20 28	1 50	3 17	0 34	22 55	0 11	19 32	17 31	7 8	7 25	14 25		n.a.
S 26	1 34	18 31	5 9	2 5	0 44	2 59	1 13	4 10	0 11	8 51	0 52	20 29	1 49	3 18	0 34	22 55	0 11	19 32	17 31	7 8	7 26	14 23		n.a.
M27	1 10	18 48	4 48	1 19	0 37	2 27	1 12	4 27	0 10	8 56	0 52	20 29	1 49	3 20	0 34	22 55	0 11	19 33	17 31	7 8	7 27	14 22		n.a.
T 28	0 46	18 13	4 14	0 34	0 31	1 56	1 10	4 45	0 9	9 1	0 52	20 30	1 49	3 21	0 34	22 55	0 11	19 33	17 31	7 8	7 28	14 21		n.a.
W29	0 22	16 51	3 30	0s11	0 25	1 24	1 9	5 3	0 9	9 5	0 52	20 30	1 49	3 23	0 34	22 55	0 11	19 33	17 31	7 7	7 30	14 20		n.a.
T 30	0s 3	14s46	2n37	0s56	0n18	0n52	1n 8	5s20	0n 8	9s10	0n52	20s31	1s49	3s24	0n34	22s55	0s11	19s34	17s31	7n 7	7n31	14s19		n.a.

Julian Day Number = 1492289.5, Delta T = 05h13m42s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'15, Lahiri = -12°37'15 Julian Calendar 1 Sept. 628 BCE == Greg. Calendar 25 Aug. 628 BCE

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

OCTOBER 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 11 11	1♎ 6'36	24♒23	4♎37	1♎39	14♎22	25♎40	7°R 4	9♎51	16°R28	21°R 5	12♍ 8	11♍ 1	15♒30	n.a.	F 1
S 2	0 15 8	2° 6'55	6♓17	6°13	2°54	15° 5	25°53	7♒ 2	9°55	16♑28	21♓ 4	12°R 8	10°58	15°37	n.a.	S 2
S 3	0 19 5	3° 7'15	18°19	7°48	4°10	15°49	26° 6	7° 1	9°59	16°28	21° 3	12° 8	10°55	15°43	n.a.	S 3
M 4	0 23 1	4° 7'37	0♈31	9°23	5°25	16°32	26°19	6°59	10° 3	16°28	21° 2	12° 7	10°52	15°50	n.a.	M 4
T 5	0 26 58	5° 8'01	12°54	10°58	6°41	17°15	26°32	6°58	10° 6	16°D28	21° 1	12° 5	10°48	15°57	n.a.	T 5
W 6	0 30 54	6° 8'27	25°30	12°32	7°56	17°59	26°45	6°56	10°10	16°28	21° 0	12° 2	10°45	16° 3	n.a.	W 6
T 7	0 34 51	7° 8'54	8♉19	14° 7	9°12	18°42	26°58	6°55	10°14	16°28	20°58	11°58	10°42	16°10	n.a.	T 7
F 8	0 38 47	8° 9'24	21°21	15°40	10°27	19°26	27°11	6°54	10°18	16°28	20°57	11°53	10°39	16°17	n.a.	F 8
S 9	0 42 44	9° 9'55	4♊37	17°14	11°43	20° 9	27°24	6°53	10°21	16°28	20°56	11°50	10°36	16°23	n.a.	S 9
S 10	0 46 40	10°10'28	18° 5	18°47	12°58	20°53	27°38	6°52	10°25	16°28	20°55	11°47	10°32	16°30	n.a.	S 10
M11	0 50 37	11°11'04	1♋47	20°19	14°14	21°37	27°51	6°52	10°29	16°28	20°54	11°45	10°29	16°37	n.a.	M11
T 12	0 54 34	12°11'41	15°42	21°52	15°29	22°21	28° 4	6°51	10°33	16°28	20°53	11°D45	10°26	16°43	n.a.	T 12
W13	0 58 30	13°12'20	29°50	23°24	16°45	23° 4	28°17	6°50	10°36	16°29	20°52	11°45	10°23	16°50	n.a.	W13
T 14	1 2 27	14°13'02	14♌ 9	24°56	18° 0	23°48	28°31	6°50	10°40	16°29	20°51	11°47	10°20	16°57	n.a.	T 14
F 15	1 6 23	15°13'44	28°37	26°28	19°16	24°32	28°44	6°50	10°44	16°29	20°50	11°48	10°17	17° 3	n.a.	F 15
S 16	1 10 20	16°14'29	13♍10	27°59	20°31	25°16	28°57	6°50	10°48	16°30	20°49	11°R49	10°13	17°10	n.a.	S 16
S 17	1 14 16	17°15'15	27°44	29°30	21°47	26° 0	29°11	6°D49	10°52	16°30	20°48	11°48	10°10	17°17	n.a.	S 17
M18	1 18 13	18°16'03	12♎12	1♏ 1	23° 2	26°44	29°24	6°49	10°55	16°30	20°47	11°45	10° 7	17°23	n.a.	M18
T 19	1 22 9	19°16'53	26°29	2°32	24°18	27°29	29°38	6°50	10°59	16°31	20°46	11°40	10° 4	17°30	n.a.	T 19
W20	1 26 6	20°17'43	10♏28	4° 2	25°33	28°13	29°51	6°50	11° 3	16°31	20°45	11°34	10° 1	17°37	n.a.	W20
T 21	1 30 2	21°18'35	24° 6	5°32	26°49	28°57	0♏ 4	6°50	11° 6	16°32	20°44	11°27	9°57	17°43	n.a.	T 21
F 22	1 33 59	22°19'29	7♐21	7° 2	28° 4	29°41	0°18	6°51	11°10	16°32	20°43	11°20	9°54	17°50	n.a.	F 22
S 23	1 37 56	23°20'23	20°13	8°31	29°20	0♏26	0°31	6°51	11°14	16°33	20°42	11°14	9°51	17°56	n.a.	S 23
S 24	1 41 52	24°21'19	2♑44	10° 0	0♏35	1°10	0°45	6°52	11°18	16°34	20°41	11°10	9°48	18° 3	n.a.	S 24
M25	1 45 49	25°22'15	14°57	11°28	1°51	1°55	0°59	6°53	11°21	16°34	20°40	11° 8	9°45	18°10	n.a.	M25
T 26	1 49 45	26°23'13	26°56	12°56	3° 6	2°39	1°12	6°53	11°25	16°35	20°39	11°D 7	9°42	18°16	n.a.	T 26
W27	1 53 42	27°24'11	8♒47	14°23	4°21	3°24	1°26	6°54	11°29	16°36	20°38	11° 8	9°38	18°23	n.a.	W27
T 28	1 57 38	28°25'10	20°35	15°50	5°37	4° 9	1°39	6°55	11°32	16°37	20°37	11° 9	9°35	18°30	n.a.	T 28
F 29	2 1 35	29°26'10	2♓25	17°16	6°52	4°53	1°53	6°57	11°36	16°37	20°37	11°10	9°32	18°36	n.a.	F 29
S 30	2 5 31	0♏27'11	14°23	18°41	8° 8	5°38	2° 6	6°58	11°39	16°38	20°36	11°R11	9°29	18°43	n.a.	S 30
S 31	2 9 28	1♏28'13	26♓31	20♏ 4	9♏23	6♏23	2♏20	6♒59	11♎43	16♑39	20♓35	11♍ 9	9♍26	18♒50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s27	12s 4	1n37	1s41	0n12	0n21	1n 6	5s38	0n 7	9s15	0n52	20s31	1s49	3s26	0n34	22s55	0s11	19s34	17s31	7n 6	7n32	14s17		n.a.
S 2	0 51	8 50	0 32	2 25	0 5	0s11	1 5	5 55	0 7	9 20	0 52	20 31	1 49	3 27	0 34	22 55	0 11	19 35	17 31	7 6	7 33	14 16		n.a.
S 3	1 15	5 12	0s34	3 10	0s 1	0 43	1 3	6 13	0 6	9 25	0 51	20 32	1 49	3 29	0 34	22 55	0 11	19 35	17 31	7 6	7 34	14 15		n.a.
M 4	1 40	1 19	1 40	3 54	0 8	1 15	1 2	6 30	0 5	9 30	0 51	20 32	1 49	3 30	0 34	22 55	0 11	19 35	17 31	7 6	7 36	14 14		n.a.
T 5	2 4	2n41	2 42	4 37	0 15	1 46	1 0	6 48	0 5	9 35	0 51	20 32	1 49	3 32	0 34	22 55	0 11	19 36	17 30	7 7	7 37	14 12		n.a.
W 6	2 28	6 38	3 37	5 21	0 21	2 18	0 58	7 5	0 4	9 40	0 51	20 32	1 49	3 33	0 34	22 55	0 11	19 36	17 30	7 9	7 38	14 11		n.a.
T 7	2 52	10 21	4 22	6 4	0 28	2 50	0 56	7 22	0 3	9 44	0 51	20 33	1 48	3 35	0 34	22 55	0 11	19 36	17 30	7 10	7 39	14 10		n.a.
F 8	3 17	13 37	4 54	6 46	0 34	3 21	0 55	7 40	0 3	9 49	0 51	20 33	1 48	3 36	0 34	22 55	0 11	19 37	17 30	7 12	7 41	14 9		n.a.
S 9	3 41	16 15	5 11	7 29	0 41	3 53	0 53	7 57	0 2	9 54	0 51	20 33	1 48	3 38	0 34	22 55	0 11	19 37	17 30	7 13	7 42	14 8		n.a.
S 10	4 5	18 3	5 12	8 11	0 47	4 25	0 51	8 14	0 2	9 59	0 51	20 33	1 48	3 39	0 34	22 55	0 11	19 37	17 30	7 14	7 43	14 6		n.a.
M11	4 29	18 51	4 55	8 52	0 53	4 56	0 49	8 31	0 1	10 4	0 51	20 33	1 48	3 41	0 34	22 55	0 11	19 38	17 30	7 15	7 44	14 5		n.a.
T 12	4 53	18 31	4 20	9 33	0 59	5 27	0 47	8 49	0 0	10 9	0 50	20 33	1 48	3 42	0 34	22 55	0 11	19 38	17 30	7 15	7 45	14 4		n.a.
W13	5 17	17 3	3 30	10 13	1 6	5 58	0 45	9 6	0s 0	10 14	0 50	20 33	1 48	3 44	0 34	22 55	0 11	19 38	17 29	7 15	7 47	14 3		n.a.
T 14	5 41	14 29	2 26	10 53	1 12	6 30	0 43	9 23	0 1	10 19	0 50	20 33	1 48	3 45	0 34	22 55	0 11	19 39	17 29	7 14	7 48	14 1		n.a.
F 15	6 5	11 0	1 12	11 33	1 17	7 0	0 41	9 40	0 2	10 24	0 50	20 33	1 48	3 47	0 34	22 55	0 11	19 39	17 29	7 14	7 49	14 0		n.a.
S 16	6 28	6 49	0n 7	12 12	1 23	7 31	0 39	9 57	0 2	10 28	0 50	20 33	1 47	3 48	0 34	22 55	0 11	19 39	17 29	7 14	7 50	13 59		n.a.
S 17	6 52	2 13	1 26	12 50	1 29	8 2	0 37	10 14	0 3	10 33	0 50	20 33	1 47	3 50	0 34	22 55	0 11	19 39	17 29	7 14	7 52	13 58		n.a.
M18	7 15	2s28	2 38	13 27	1 34	8 32	0 35	10 30	0 4	10 38	0 50	20 33	1 47	3 51	0 34	22 55	0 11	19 40	17 29	7 15	7 53	13 56		n.a.
T 19	7 39	6 57	3 39	14 4	1 39	9 2	0 33	10 47	0 4	10 43	0 50	20 33	1 47	3 53	0 34	22 55	0 11	19 40	17 28	7 17	7 54	13 55		n.a.
W20	8 2	10 57	4 26	14 40	1 44	9 32	0 30	11 4	0 5	10 48	0 50	20 33	1 47	3 54	0 34	22 55	0 11	19 40	17 28	7 19	7 55	13 54		n.a.
T 21	8 25	14 16	4 56	15 16	1 49	10 2	0 28	11 20	0 6	10 53	0 50	20 32	1 47	3 56	0 34	22 55	0 11	19 40	17 28	7 22	7 56	13 53		n.a.
F 22	8 48	16 45	5 9	15 50	1 54	10 32	0 26	11 37	0 6	10 58	0 49	20 32	1 47	3 57	0 34	22 55	0 11	19 40	17 28	7 25	7 58	13 51		n.a.
S 23	9 11	18 19	5 6	16 24	1 58	11 1	0 24	11 53	0 7	11 3	0 49	20 32	1 47	3 59	0 34	22 55	0 11	19 41	17 28	7 27	7 59	13 50		n.a.
S 24	9 34	18 56	4 49	16 57	2 2	11 30	0 21	12 10	0 8	11 7	0 49	20 32	1 46	4 0	0 34	22 55	0 11	19 41	17 27	7 29	8 0	13 49		n.a.
M25	9 57	18 39	4 18	17 29	2 6	11 59	0 19	12 26	0 8	11 12	0 49	20 31	1 46	4 2	0 34	22 55	0 11	19 41	17 27	7 29	8 1	13 47		n.a.
T 26	10 19	17 31	3 37	17 59	2 10	12 27	0 17	12 42	0 9	11 17	0 49	20 31	1 46	4 3	0 34	22 55	0 11	19 41	17 27	7 30	8 2	13 46		n.a.
W27	10 41	15 38	2 46	18 29	2 13	12 55	0 14	12 58	0 10	11 22	0 49	20 31	1 46	4 5	0 34	22 55	0 11	19 41	17 27	7 29	8 4	13 45		n.a.
T 28	11 4	13 6	1 49	18 58	2 16	13 23	0 12	13 14	0 10	11 27	0 49	20 30	1 46	4 6	0 34	22 54	0 11	19 41	17 27	7 29	8 5	13 44		n.a.
F 29	11 25	10 1	0 47	19 25	2 18	13 51	0 10	13 30	0 11	11 32	0 49	20 30	1 46	4 7	0 34	22 54	0 11	19 42	17 26	7 28	8 6	13 42		n.a.
S 30	11 47	6 30	0s17	19 52	2 20	14 18	0 7	13 46	0 12	11 36	0 49	20 29	1 46	4 9	0 34	22 54	0 11	19 42	17 26	7 28	8 7	13 41		n.a.
S 31	12s 9	2s39	1s22	20s16	2s22	14s45	0n 5	14s 1	0s12	11s41	0n49	20s29	1s46	4s10	0n34	22s54	0s11	19s42	17s26	7n29	8n 9	13s40		n.a.

Julian Day Number = 1492319.5, Delta T = 05h13m40s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'11, Lahiri = -12°37'10 Julian Calendar 1 Oct. 628 BCE == Greg. Calendar 24 Sept. 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

NOVEMBER 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 13 25	2♏29'16	8♈54	21♏27	10♏39	7♏ 8	2♏33	7♒ 1	11♎47	16♉40	20°R34	11°R 6	9♍23	18♒56	n.a.	M 1
T 2	2 17 21	3°30'19	21°33	22°48	11°54	7°52	2°47	7° 3	11°50	16°41	20♓33	10♍59	9°19	19° 3	n.a.	T 2
W 3	2 21 18	4°31'23	4♉30	24° 8	13°10	8°37	3° 1	7° 4	11°54	16°42	20°32	10°51	9°16	19°10	n.a.	W 3
T 4	2 25 14	5°32'29	17°43	25°25	14°25	9°22	3°14	7° 6	11°57	16°43	20°32	10°42	9°13	19°16	n.a.	T 4
F 5	2 29 11	6°33'35	1♊10	26°41	15°40	10° 7	3°28	7° 8	12° 1	16°44	20°31	10°31	9°10	19°23	n.a.	F 5
S 6	2 33 7	7°34'42	14°50	27°54	16°56	10°52	3°41	7°10	12° 4	16°45	20°30	10°22	9° 7	19°30	n.a.	S 6
S 7	2 37 4	8°35'51	28°39	29° 4	18°11	11°37	3°55	7°12	12° 8	16°46	20°29	10°14	9° 3	19°36	n.a.	S 7
M 8	2 41 1	9°37'00	12♋35	0♐10	19°26	12°23	4° 8	7°15	12°11	16°47	20°29	10° 8	9° 0	19°43	n.a.	M 8
T 9	2 44 57	10°38'10	26°36	1°13	20°42	13° 8	4°22	7°17	12°15	16°48	20°28	10° 5	8°57	19°50	n.a.	T 9
W10	2 48 54	11°39'22	10♌39	2°11	21°57	13°53	4°35	7°19	12°18	16°49	20°27	10°D 4	8°54	19°56	n.a.	W10
T 11	2 52 50	12°40'34	24°45	3° 4	23°13	14°38	4°49	7°22	12°22	16°51	20°27	10° 5	8°51	20° 3	n.a.	T 11
F 12	2 56 47	13°41'47	8♍52	3°51	24°28	15°24	5° 3	7°25	12°25	16°52	20°26	10°R 5	8°48	20°10	n.a.	F 12
S 13	3 0 43	14°43'01	23° 0	4°31	25°43	16° 9	5°16	7°27	12°28	16°53	20°26	10° 5	8°44	20°16	n.a.	S 13
S 14	3 4 40	15°44'15	7♎ 5	5° 4	26°59	16°55	5°30	7°30	12°32	16°54	20°25	10° 2	8°41	20°23	n.a.	S 14
M15	3 8 36	16°45'31	21° 7	5°28	28°14	17°40	5°43	7°33	12°35	16°56	20°24	9°56	8°38	20°30	n.a.	M15
T 16	3 12 33	17°46'47	5♏ 0	5°42	29°29	18°26	5°57	7°36	12°38	16°57	20°24	9°47	8°35	20°36	n.a.	T 16
W17	3 16 30	18°48'03	18°40	5°R47	0♐45	19°11	6°10	7°39	12°41	16°58	20°23	9°36	8°32	20°43	n.a.	W17
T 18	3 20 26	19°49'20	2♐ 6	5°40	2° 0	19°57	6°23	7°43	12°45	17° 0	20°23	9°24	8°28	20°50	n.a.	T 18
F 19	3 24 23	20°50'37	15°13	5°22	3°15	20°43	6°37	7°46	12°48	17° 1	20°22	9°11	8°25	20°56	n.a.	F 19
S 20	3 28 19	21°51'55	28° 1	4°52	4°31	21°28	6°50	7°49	12°51	17° 3	20°22	9° 0	8°22	21° 3	n.a.	S 20
S 21	3 32 16	22°53'12	10♉30	4°11	5°46	22°14	7° 4	7°53	12°54	17° 4	20°21	8°50	8°19	21° 9	n.a.	S 21
M22	3 36 12	23°54'30	22°43	3°18	7° 1	23° 0	7°17	7°57	12°57	17° 6	20°21	8°43	8°16	21°16	n.a.	M22
T 23	3 40 9	24°55'47	4♒42	2°16	8°16	23°46	7°30	8° 0	13° 0	17° 7	20°20	8°39	8°13	21°23	n.a.	T 23
W24	3 44 5	25°57'04	16°33	1° 5	9°32	24°31	7°43	8° 4	13° 3	17° 9	20°20	8°37	8° 9	21°29	n.a.	W24
T 25	3 48 2	26°58'21	28°21	29♏48	10°47	25°17	7°57	8° 8	13° 6	17°10	20°20	8°D37	8° 6	21°36	n.a.	T 25
F 26	3 51 59	27°59'38	10♓11	28°27	12° 2	26° 3	8°10	8°12	13° 9	17°12	20°19	8°R37	8° 3	21°43	n.a.	F 26
S 27	3 55 55	29° 0'55	22° 8	27° 6	13°17	26°49	8°23	8°16	13°12	17°14	20°19	8°36	8° 0	21°49	n.a.	S 27
S 28	3 59 52	0♐ 2'11	4♈19	25°46	14°33	27°35	8°36	8°20	13°15	17°15	20°19	8°34	7°57	21°56	n.a.	S 28
M29	4 3 48	1° 3'27	16°47	24°30	15°48	28°21	8°49	8°25	13°18	17°17	20°18	8°29	7°54	22° 3	n.a.	M29
T 30	4 7 45	2♐ 4'42	29♈36	23♏20	17♐ 3	29♏ 7	9♏ 2	8♒29	13♎21	17♉19	20♓18	8♍21	7♍50	22♒ 9	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s30	1n23	2s24	20s40	2s23	15s11	0n 2	14s17	0s13	11s46	0n49	20s28	1s45	4s12	0n34	22s54	0s11	19s42	17s26	7n30	8n10	13s39		n.a.
T 2	12 51	5 26	3 20	21 2	2 23	15 37	0 0	14 32	0 14	11 51	0 49	20 28	1 45	4 13	0 34	22 54	0 11	19 42	17 25	7 33	8 11	13 37		n.a.
W 3	13 12	9 20	4 7	21 22	2 23	16 2	0s 2	14 48	0 14	11 56	0 48	20 27	1 45	4 15	0 34	22 54	0 11	19 42	17 25	7 36	8 12	13 36		n.a.
T 4	13 33	12 51	4 41	21 41	2 22	16 28	0 5	15 3	0 15	12 0	0 48	20 27	1 45	4 16	0 34	22 54	0 11	19 42	17 25	7 39	8 13	13 35		n.a.
F 5	13 53	15 46	5 1	21 58	2 21	16 52	0 7	15 18	0 15	12 5	0 48	20 26	1 45	4 17	0 34	22 54	0 11	19 42	17 24	7 43	8 15	13 33		n.a.
S 6	14 14	17 51	5 4	22 13	2 19	17 17	0 10	15 33	0 16	12 10	0 48	20 25	1 45	4 19	0 34	22 53	0 11	19 42	17 24	7 47	8 16	13 32		n.a.
S 7	14 34	18 56	4 50	22 26	2 16	17 40	0 12	15 48	0 17	12 15	0 48	20 25	1 45	4 20	0 34	22 53	0 11	19 42	17 24	7 50	8 17	13 31		n.a.
M 8	14 54	18 53	4 18	22 37	2 12	18 4	0 14	16 2	0 17	12 19	0 48	20 24	1 45	4 21	0 34	22 53	0 11	19 42	17 24	7 52	8 18	13 29		n.a.
T 9	15 13	17 41	3 31	22 45	2 7	18 27	0 17	16 17	0 18	12 24	0 48	20 23	1 45	4 23	0 34	22 53	0 11	19 42	17 23	7 53	8 19	13 28		n.a.
W10	15 32	15 24	2 30	22 52	2 1	18 49	0 19	16 31	0 19	12 29	0 48	20 22	1 44	4 24	0 34	22 53	0 11	19 42	17 23	7 54	8 21	13 27		n.a.
T 11	15 51	12 11	1 21	22 56	1 54	19 11	0 22	16 45	0 19	12 33	0 48	20 22	1 44	4 25	0 34	22 53	0 11	19 42	17 23	7 54	8 22	13 25		n.a.
F 12	16 10	8 15	0 6	22 57	1 46	19 32	0 24	17 0	0 20	12 38	0 48	20 21	1 44	4 27	0 34	22 53	0 11	19 42	17 22	7 53	8 23	13 24		n.a.
S 13	16 28	3 52	1n 8	22 55	1 37	19 53	0 26	17 14	0 21	12 42	0 48	20 20	1 44	4 28	0 34	22 52	0 11	19 42	17 22	7 54	8 24	13 23		n.a.
S 14	16 47	0s44	2 19	22 51	1 26	20 13	0 29	17 27	0 21	12 47	0 48	20 19	1 44	4 29	0 34	22 52	0 11	19 42	17 22	7 55	8 25	13 21		n.a.
M15	17 4	5 16	3 20	22 43	1 14	20 33	0 31	17 41	0 22	12 52	0 48	20 18	1 44	4 31	0 34	22 52	0 11	19 42	17 21	7 57	8 27	13 20		n.a.
T 16	17 22	9 28	4 9	22 33	1 1	20 52	0 33	17 55	0 22	12 56	0 48	20 17	1 44	4 32	0 34	22 52	0 11	19 42	17 21	8 0	8 28	13 19		n.a.
W17	17 39	13 6	4 42	22 19	0 46	21 10	0 36	18 8	0 23	13 1	0 48	20 16	1 44	4 33	0 34	22 52	0 11	19 42	17 21	8 4	8 29	13 17		n.a.
T 18	17 56	15 58	4 59	22 2	0 30	21 28	0 38	18 21	0 24	13 5	0 48	20 15	1 43	4 34	0 34	22 52	0 12	19 42	17 21	8 9	8 30	13 16		n.a.
F 19	18 13	17 58	5 0	21 41	0 12	21 45	0 40	18 34	0 24	13 10	0 47	20 14	1 43	4 36	0 34	22 51	0 12	19 42	17 20	8 14	8 31	13 15		n.a.
S 20	18 29	19 0	4 46	21 18	0n 6	22 2	0 42	18 47	0 25	13 14	0 47	20 13	1 43	4 37	0 34	22 51	0 12	19 42	17 20	8 18	8 33	13 13		n.a.
S 21	18 45	19 4	4 18	20 51	0 26	22 18	0 45	18 59	0 26	13 19	0 47	20 12	1 43	4 38	0 34	22 51	0 12	19 42	17 20	8 22	8 34	13 12		n.a.
M22	19 0	18 14	3 38	20 21	0 46	22 33	0 47	19 12	0 26	13 23	0 47	20 11	1 43	4 39	0 34	22 51	0 12	19 42	17 19	8 25	8 35	13 11		n.a.
T 23	19 16	16 36	2 50	19 49	1 6	22 47	0 49	19 24	0 27	13 28	0 47	20 10	1 43	4 40	0 34	22 51	0 12	19 41	17 19	8 26	8 36	13 9		n.a.
W24	19 30	14 16	1 54	19 15	1 26	23 1	0 51	19 36	0 27	13 32	0 47	20 9	1 43	4 42	0 34	22 51	0 12	19 41	17 19	8 27	8 37	13 8		n.a.
T 25	19 45	11 22	0 54	18 40	1 45	23 15	0 53	19 48	0 28	13 36	0 47	20 8	1 43	4 43	0 34	22 50	0 12	19 41	17 18	8 27	8 39	13 7		n.a.
F 26	19 59	7 59	0s 8	18 5	2 3	23 27	0 55	20 0	0 29	13 41	0 47	20 7	1 43	4 44	0 34	22 50	0 12	19 41	17 18	8 27	8 40	13 5		n.a.
S 27	20 13	4 15	1 11	17 31	2 20	23 39	0 57	20 11	0 29	13 45	0 47	20 6	1 43	4 45	0 35	22 50	0 12	19 41	17 17	8 27	8 41	13 4		n.a.
S 28	20 26	0 16	2 12	16 58	2 34	23 50	0 59	20 23	0 30	13 49	0 47	20 4	1 42	4 46	0 35	22 50	0 12	19 41	17 17	8 28	8 42	13 3		n.a.
M29	20 39	3n48	3 7	16 28	2 46	24 1	1 1	20 34	0 31	13 54	0 47	20 3	1 42	4 47	0 35	22 50	0 12	19 40	17 17	8 30	8 43	13 1		n.a.
T 30	20s52	7n49	3s55	16s 2	2n56	24s10	1s 3	20s45	0s31	13s58	0n47	20s 2	1s42	4s48	0n35	22s49	0s12	19s40	17s16	8n33	8n45	13s 0		n.a.

Julian Day Number = 1492350.5, Delta T = 05h13m39s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'07, Lahiri = -12°37'06 Julian Calendar 1 Nov. 628 BCE == Greg. Calendar 25 Oct. 628 BCE

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ASTRODIENST EPHEMERIS for the year 628 BCE
geocentric

DECEMBER 628 BCE (-627) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 11 41	3♐ 5'58	12♉48	22°R19	18♐18	29♏54	9♏15	8♒33	13♎23	17♑20	20°R18	8°R11	7♍47	22♒16	n.a.	W 1
T 2	4 15 38	4° 7'13	26°21	21♏26	19°33	0♐40	9°28	8°38	13°26	17°22	20♓18	7♍58	7°44	22°23	n.a.	T 2
F 3	4 19 34	5° 8'27	10♊14	20°44	20°48	1°26	9°41	8°43	13°29	17°24	20°17	7°45	7°41	22°29	n.a.	F 3
S 4	4 23 31	6° 9'42	24°22	20°11	22° 4	2°12	9°54	8°47	13°31	17°26	20°17	7°33	7°38	22°36	n.a.	S 4
S 5	4 27 28	7°10'56	8♋39	19°49	23°19	2°58	10° 7	8°52	13°34	17°28	20°17	7°22	7°34	22°43	n.a.	S 5
M 6	4 31 24	8°12'10	23° 1	19°37	24°34	3°45	10°20	8°57	13°37	17°30	20°17	7°14	7°31	22°49	n.a.	M 6
T 7	4 35 21	9°13'24	7♌21	19°D33	25°49	4°31	10°33	9° 2	13°39	17°31	20°17	7° 9	7°28	22°56	n.a.	T 7
W 8	4 39 17	10°14'38	21°36	19°39	27° 4	5°17	10°45	9° 7	13°42	17°33	20°17	7° 7	7°25	23° 3	n.a.	W 8
T 9	4 43 14	11°15'52	5♍44	19°52	28°19	6° 4	10°58	9°12	13°44	17°35	20°17	7° 7	7°22	23° 9	n.a.	T 9
F 10	4 47 10	12°17'05	19°44	20°13	29°34	6°50	11°11	9°17	13°46	17°37	20°17	7° 7	7°19	23°16	n.a.	F 10
S 11	4 51 7	13°18'18	3♎37	20°41	0♑49	7°37	11°23	9°22	13°49	17°39	20°D17	7° 6	7°15	23°22	n.a.	S 11
S 12	4 55 4	14°19'31	17°21	21°14	2° 4	8°23	11°36	9°28	13°51	17°41	20°17	7° 2	7°12	23°29	n.a.	S 12
M13	4 59 0	15°20'43	0♏57	21°53	3°19	9°10	11°48	9°33	13°53	17°43	20°17	6°56	7° 9	23°36	n.a.	M13
T 14	5 2 57	16°21'55	14°23	22°37	4°34	9°56	12° 1	9°38	13°56	17°45	20°17	6°47	7° 6	23°42	n.a.	T 14
W15	5 6 53	17°23'07	27°39	23°25	5°49	10°43	12°13	9°44	13°58	17°47	20°17	6°35	7° 3	23°49	n.a.	W15
T 16	5 10 50	18°24'17	10♐43	24°18	7° 4	11°29	12°25	9°49	14° 0	17°49	20°17	6°21	7° 0	23°56	n.a.	T 16
F 17	5 14 46	19°25'27	23°33	25°13	8°19	12°16	12°38	9°55	14° 2	17°51	20°17	6° 8	6°56	24° 2	n.a.	F 17
S 18	5 18 43	20°26'37	6♑ 9	26°12	9°34	13° 3	12°50	10° 1	14° 4	17°53	20°17	5°55	6°53	24° 9	n.a.	S 18
S 19	5 22 39	21°27'45	18°30	27°14	10°49	13°49	13° 2	10° 7	14° 6	17°55	20°17	5°44	6°50	24°16	n.a.	S 19
M20	5 26 36	22°28'52	0♒38	28°19	12° 3	14°36	13°14	10°12	14° 8	17°57	20°18	5°36	6°47	24°22	n.a.	M20
T 21	5 30 33	23°29'58	12°35	29°26	13°18	15°23	13°26	10°18	14°10	17°59	20°18	5°31	6°44	24°29	n.a.	T 21
W22	5 34 29	24°31'03	24°24	0♐35	14°33	16°10	13°38	10°24	14°12	18° 2	20°18	5°28	6°40	24°36	n.a.	W22
T 23	5 38 26	25°32'07	6♓11	1°46	15°48	16°56	13°50	10°30	14°14	18° 4	20°18	5°D28	6°37	24°42	n.a.	T 23
F 24	5 42 22	26°33'09	17°59	2°59	17° 3	17°43	14° 1	10°36	14°15	18° 6	20°19	5°28	6°34	24°49	n.a.	F 24
S 25	5 46 19	27°34'10	29°55	4°14	18°17	18°30	14°13	10°43	14°17	18° 8	20°19	5°R28	6°31	24°56	n.a.	S 25
S 26	5 50 15	28°35'10	12♈ 4	5°30	19°32	19°17	14°25	10°49	14°19	18°10	20°19	5°27	6°28	25° 2	n.a.	S 26
M27	5 54 12	29°36'08	24°32	6°48	20°47	20° 4	14°36	10°55	14°20	18°12	20°19	5°24	6°25	25° 9	n.a.	M27
T 28	5 58 8	0♑37'05	7♉22	8° 7	22° 2	20°51	14°48	11° 1	14°22	18°15	20°20	5°19	6°21	25°16	n.a.	T 28
W29	6 2 5	1°38'00	20°38	9°27	23°16	21°38	14°59	11° 8	14°23	18°17	20°20	5°11	6°18	25°22	n.a.	W29
T 30	6 6 2	2°38'54	4♊20	10°49	24°31	22°24	15°10	11°14	14°25	18°19	20°21	5° 2	6°15	25°29	n.a.	T 30
F 31	6 9 58	3♑39'46	18♊28	12♐11	25♑45	23♐11	15♏21	11♒21	14♎26	18♑21	20♓21	4♍51	6♍12	25♒35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21s 4	11n35	4s32	15s39	3n 3	24s19	1s 5	20s55	0s32	14s 2	0n47	20s 1	1s42	4s49	0n35	22s49	0s12	19s40	17s16	8n37	8n46	12s59			n.a.
T 2	21 16	14 50	4 54	15 21	3 8	24 27	1 7	21 6	0 32	14 6	0 47	19 59	1 42	4 51	0 35	22 49	0 12	19 40	17 16	8 42	8 47	12 57			n.a.
F 3	21 27	17 21	5 0	15 7	3 11	24 35	1 8	21 16	0 33	14 10	0 47	19 58	1 42	4 52	0 35	22 49	0 12	19 39	17 15	8 47	8 48	12 56			n.a.
S 4	21 38	18 51	4 48	14 57	3 12	24 42	1 10	21 26	0 34	14 15	0 47	19 57	1 42	4 53	0 35	22 48	0 12	19 39	17 15	8 51	8 49	12 54			n.a.
S 5	21 48	19 12	4 17	14 52	3 11	24 47	1 12	21 36	0 34	14 19	0 47	19 55	1 42	4 54	0 35	22 48	0 12	19 39	17 15	8 55	8 51	12 53			n.a.
M 6	21 59	18 19	3 31	14 51	3 9	24 53	1 13	21 46	0 35	14 23	0 47	19 54	1 42	4 55	0 35	22 48	0 12	19 39	17 14	8 58	8 52	12 52			n.a.
T 7	22 8	16 16	2 30	14 54	3 5	24 57	1 15	21 55	0 35	14 27	0 47	19 53	1 42	4 56	0 35	22 48	0 12	19 38	17 14	9 0	8 53	12 50			n.a.
W 8	22 17	13 13	1 21	15 0	3 0	25 1	1 16	22 4	0 36	14 31	0 47	19 51	1 41	4 57	0 35	22 47	0 12	19 38	17 14	9 1	8 54	12 49			n.a.
T 9	22 26	9 25	0 7	15 9	2 55	25 3	1 18	22 13	0 37	14 35	0 47	19 50	1 41	4 58	0 35	22 47	0 12	19 38	17 13	9 1	8 55	12 48			n.a.
F 10	22 35	5 8	1n 6	15 21	2 48	25 5	1 19	22 22	0 37	14 39	0 47	19 48	1 41	4 58	0 35	22 47	0 12	19 37	17 13	9 1	8 57	12 46			n.a.
S 11	22 43	0 37	2 15	15 35	2 41	25 7	1 21	22 30	0 38	14 43	0 47	19 47	1 41	4 59	0 35	22 47	0 12	19 37	17 12	9 2	8 58	12 45			n.a.
S 12	22 50	3s54	3 16	15 51	2 34	25 7	1 22	22 38	0 38	14 47	0 47	19 45	1 41	5 0	0 35	22 46	0 12	19 37	17 12	9 3	8 59	12 43			n.a.
M13	22 57	8 9	4 4	16 9	2 26	25 7	1 23	22 46	0 39	14 51	0 47	19 44	1 41	5 1	0 35	22 46	0 12	19 36	17 12	9 5	9 0	12 42			n.a.
T 14	23 4	11 57	4 38	16 28	2 17	25 6	1 25	22 54	0 39	14 55	0 47	19 42	1 41	5 2	0 35	22 46	0 12	19 36	17 11	9 9	9 1	12 41			n.a.
W15	23 10	15 5	4 57	16 49	2 9	25 4	1 26	23 1	0 40	14 58	0 47	19 41	1 41	5 3	0 35	22 46	0 12	19 36	17 11	9 13	9 3	12 39			n.a.
T 16	23 15	17 25	5 0	17 10	2 0	25 1	1 27	23 8	0 41	15 2	0 47	19 39	1 41	5 4	0 35	22 45	0 12	19 35	17 11	9 18	9 4	12 38			n.a.
F 17	23 20	18 50	4 47	17 32	1 51	24 58	1 28	23 15	0 41	15 6	0 47	19 37	1 41	5 4	0 35	22 45	0 12	19 35	17 10	9 23	9 5	12 36			n.a.
S 18	23 25	19 17	4 21	17 55	1 42	24 54	1 29	23 22	0 42	15 10	0 47	19 36	1 41	5 5	0 35	22 45	0 12	19 34	17 10	9 28	9 6	12 35			n.a.
S 19	23 29	18 48	3 42	18 18	1 33	24 49	1 30	23 28	0 42	15 13	0 47	19 34	1 41	5 6	0 35	22 45	0 12	19 34	17 9	9 32	9 7	12 33			n.a.
M20	23 33	17 28	2 54	18 42	1 24	24 43	1 30	23 34	0 43	15 17	0 47	19 32	1 41	5 7	0 35	22 44	0 12	19 34	17 9	9 35	9 9	12 32			n.a.
T 21	23 36	15 22	1 59	19 5	1 15	24 36	1 31	23 40	0 43	15 21	0 47	19 31	1 41	5 7	0 35	22 44	0 12	19 33	17 9	9 37	9 10	12 31			n.a.
W22	23 39	12 39	0 59	19 29	1 6	24 29	1 32	23 46	0 44	15 24	0 47	19 29	1 40	5 8	0 35	22 44	0 12	19 33	17 8	9 38	9 11	12 29			n.a.
T 23	23 42	9 26	0s 4	19 52	0 57	24 21	1 33	23 51	0 44	15 28	0 47	19 27	1 40	5 9	0 35	22 44	0 12	19 32	17 8	9 38	9 12	12 28			n.a.
F 24	23 43	5 50	1 6	20 15	0 48	24 12	1 33	23 56	0 45	15 32	0 47	19 25	1 40	5 10	0 35	22 43	0 12	19 32	17 8	9 38	9 13	12 26			n.a.
S 25	23 45	1 58	2 7	20 38	0 40	24 3	1 34	24 1	0 45	15 35	0 47	19 24	1 40	5 10	0 35	22 43	0 12	19 32	17 7	9 38	9 15	12 25			n.a.
S 26	23 46	2n 3	3 2	21 1	0 31	23 53	1 34	24 6	0 46	15 38	0 47	19 22	1 40	5 11	0 35	22 43	0 12	19 31	17 7	9 38	9 16	12 24			n.a.
M27	23 46	6 4	3 51	21 22	0 22	23 42	1 35	24 10	0 47	15 42	0 47	19 20	1 40	5 11	0 35	22 42	0 12	19 31	17 6	9 39	9 17	12 22			n.a.
T 28	23 46	9 55	4 29	21 44	0 14	23 30	1 35	24 14	0 47	15 45	0 47	19 18	1 40	5 12	0 35	22 42	0 12	19 30	17 6	9 41	9 18	12 21			n.a.
W29	23 45	13 25	4 55	22 4	0 6	23 18	1 35	24 17	0 48	15 49	0 47	19 16	1 40	5 13	0 35	22 42	0 12	19 30	17 6	9 44	9 19	12 19			n.a.
T 30	23 44	16 19	5 4	22 24	0s 2	23 4	1 35	24 21	0 48	15 52	0 47	19 15	1 40	5 13	0 35	22 42	0 12	19 29	17 5	9 48	9 20	12 18			n.a.
F 31	23s43	18n21	4s56	22s44	0s10	22s51	1s35	24s24	0s49	15s55	0n47	19s13	1s40	5s14	0n35	22s41	0s12	19s29	17s 5	9n52	9n22	12s16			n.a.

Julian Day Number = 1492380.5, Delta T = 05h13m37s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°44'03, Lahiri = -12°37'02 Julian Calendar 1 Dec. 628 BCE == Greg. Calendar 24 Nov. 628 BCE

The year -627 astronomical counting style corresponds to year 628 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

JANUARY 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 13 55	4♑40'37	2♋56	13♐35	27♑ 0	23♐58	15♏32	11♒27	14♎28	18♑23	20♓22	4°R41	6♍ 9	25♒42	n.a.	S 1
S 2	6 17 51	5°41'27	17°39	14°59	28°15	24°45	15°43	11°34	14°29	18°26	20°22	4♍33	6° 6	25°49	n.a.	S 2
M 3	6 21 48	6°42'16	2♌27	16°25	29°29	25°32	15°54	11°40	14°30	18°28	20°23	4°26	6° 2	25°55	n.a.	M 3
T 4	6 25 44	7°43'03	17°14	17°51	0♒44	26°19	16° 5	11°47	14°31	18°30	20°23	4°23	5°59	26° 2	n.a.	T 4
W 5	6 29 41	8°43'49	1♍52	19°19	1°58	27° 6	16°16	11°54	14°32	18°32	20°24	4°D21	5°56	26° 9	n.a.	W 5
T 6	6 33 38	9°44'33	16°16	20°47	3°12	27°53	16°27	12° 0	14°34	18°35	20°24	4°22	5°53	26°15	n.a.	T 6
F 7	6 37 34	10°45'17	0♎25	22°17	4°27	28°40	16°37	12° 7	14°35	18°37	20°25	4°23	5°50	26°22	n.a.	F 7
S 8	6 41 31	11°45'59	14°18	23°47	5°41	29°27	16°48	12°14	14°36	18°39	20°25	4°R23	5°46	26°29	n.a.	S 8
S 9	6 45 27	12°46'40	27°54	25°18	6°55	0♑15	16°58	12°21	14°36	18°41	20°26	4°22	5°43	26°35	n.a.	S 9
M10	6 49 24	13°47'19	11♏15	26°50	8°10	1° 2	17° 8	12°28	14°37	18°44	20°27	4°19	5°40	26°42	n.a.	M10
T 11	6 53 20	14°47'58	24°23	28°23	9°24	1°49	17°18	12°35	14°38	18°46	20°27	4°13	5°37	26°49	n.a.	T 11
W12	6 57 17	15°48'35	7♐17	29°57	10°38	2°36	17°28	12°42	14°39	18°48	20°28	4° 5	5°34	26°55	n.a.	W12
T 13	7 1 13	16°49'10	19°59	1♑31	11°52	3°23	17°38	12°49	14°40	18°50	20°29	3°57	5°31	27° 2	n.a.	T 13
F 14	7 5 10	17°49'44	2♑29	3° 7	13° 7	4°10	17°48	12°56	14°40	18°53	20°29	3°48	5°27	27° 9	n.a.	F 14
S 15	7 9 7	18°50'17	14°48	4°43	14°21	4°57	17°58	13° 3	14°41	18°55	20°30	3°39	5°24	27°15	n.a.	S 15
S 16	7 13 3	19°50'47	26°57	6°20	15°35	5°44	18° 8	13°10	14°41	18°57	20°31	3°32	5°21	27°22	n.a.	S 16
M17	7 17 0	20°51'16	8♒57	7°59	16°49	6°31	18°17	13°17	14°42	19° 0	20°32	3°27	5°18	27°28	n.a.	M17
T 18	7 20 56	21°51'43	20°50	9°38	18° 3	7°19	18°27	13°24	14°42	19° 2	20°32	3°24	5°15	27°35	n.a.	T 18
W19	7 24 53	22°52'08	2♓37	11°18	19°17	8° 6	18°36	13°32	14°43	19° 4	20°33	3°D23	5°12	27°42	n.a.	W19
T 20	7 28 49	23°52'31	14°23	12°59	20°31	8°53	18°45	13°39	14°43	19° 6	20°34	3°24	5° 8	27°48	n.a.	T 20
F 21	7 32 46	24°52'52	26°12	14°41	21°45	9°40	18°54	13°46	14°43	19° 9	20°35	3°25	5° 5	27°55	n.a.	F 21
S 22	7 36 42	25°53'10	8♈ 7	16°24	22°59	10°27	19° 3	13°54	14°43	19°11	20°36	3°27	5° 2	28° 2	n.a.	S 22
S 23	7 40 39	26°53'27	20°14	18° 8	24°12	11°14	19°12	14° 1	14°44	19°13	20°37	3°28	4°59	28° 8	n.a.	S 23
M24	7 44 35	27°53'41	2♉38	19°53	25°26	12° 1	19°20	14° 8	14°44	19°15	20°38	3°R28	4°56	28°15	n.a.	M24
T 25	7 48 32	28°53'54	15°24	21°38	26°40	12°49	19°29	14°16	14°R44	19°18	20°38	3°27	4°52	28°22	n.a.	T 25
W26	7 52 29	29°54'04	28°35	23°25	27°53	13°36	19°37	14°23	14°44	19°20	20°39	3°24	4°49	28°28	n.a.	W26
T 27	7 56 25	0♒54'12	12♊15	25°13	29° 7	14°23	19°46	14°30	14°44	19°22	20°40	3°20	4°46	28°35	n.a.	T 27
F 28	8 0 22	1°54'17	26°22	27° 3	0♓21	15°10	19°54	14°38	14°44	19°24	20°41	3°15	4°43	28°42	n.a.	F 28
S 29	8 4 18	2°54'21	10♋55	28°53	1°34	15°57	20° 2	14°45	14°43	19°27	20°42	3°10	4°40	28°48	n.a.	S 29
S 30	8 8 15	3°54'22	25°48	0♒44	2°47	16°44	20°10	14°53	14°43	19°29	20°43	3° 6	4°37	28°55	n.a.	S 30
M31	8 12 11	4♒54'22	10♌53	2♒36	4♓ 1	17♑31	20♏18	15♒ 0	14♎43	19♑31	20♓44	3♍ 4	4♍33	29♒ 2	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s41	19n16	4s28	23s 2	0s17	22s36	1s35	24s27	0s49	15s59	0n47	19s11	1s40	5s14	0n35	22s41	0s12	19s28	17s 5	9n55	9n23	12s15		n.a.
S 2	23 39	18 54	3 43	23 19	0 25	22 21	1 35	24 29	0 50	16 2	0 47	19 9	1 40	5 15	0 35	22 41	0 12	19 28	17 4	9 59	9 24	12 13		n.a.
M 3	23 36	17 15	2 42	23 36	0 32	22 5	1 35	24 32	0 50	16 5	0 47	19 7	1 40	5 15	0 35	22 40	0 12	19 27	17 4	10 1	9 25	12 12		n.a.
T 4	23 32	14 27	1 31	23 51	0 39	21 49	1 35	24 34	0 51	16 8	0 47	19 5	1 40	5 16	0 35	22 40	0 12	19 27	17 4	10 2	9 26	12 11		n.a.
W 5	23 29	10 45	0 13	24 6	0 46	21 32	1 35	24 35	0 51	16 11	0 47	19 3	1 40	5 16	0 35	22 40	0 12	19 26	17 3	10 3	9 28	12 9		n.a.
T 6	23 24	6 28	1n 4	24 19	0 53	21 14	1 34	24 37	0 52	16 14	0 47	19 1	1 40	5 16	0 35	22 39	0 12	19 25	17 3	10 3	9 29	12 8		n.a.
F 7	23 20	1 54	2 15	24 31	0 59	20 56	1 34	24 38	0 52	16 17	0 47	18 59	1 40	5 17	0 35	22 39	0 12	19 25	17 3	10 2	9 30	12 6		n.a.
S 8	23 14	2s41	3 18	24 42	1 5	20 37	1 34	24 39	0 52	16 20	0 47	18 57	1 40	5 17	0 35	22 39	0 12	19 24	17 2	10 2	9 31	12 5		n.a.
S 9	23 9	7 1	4 8	24 52	1 11	20 18	1 33	24 39	0 53	16 23	0 47	18 55	1 40	5 17	0 35	22 39	0 12	19 24	17 2	10 3	9 32	12 3		n.a.
M10	23 3	10 56	4 43	25 0	1 17	19 58	1 32	24 39	0 53	16 26	0 47	18 53	1 40	5 18	0 35	22 38	0 12	19 23	17 2	10 4	9 34	12 2		n.a.
T 11	22 56	14 14	5 3	25 7	1 22	19 37	1 32	24 39	0 54	16 29	0 47	18 51	1 40	5 18	0 36	22 38	0 12	19 23	17 1	10 6	9 35	12 0		n.a.
W12	22 49	16 47	5 7	25 13	1 27	19 16	1 31	24 39	0 54	16 32	0 47	18 49	1 40	5 18	0 36	22 38	0 12	19 22	17 1	10 9	9 36	11 59		n.a.
T 13	22 42	18 28	4 56	25 17	1 32	18 54	1 30	24 38	0 55	16 35	0 47	18 47	1 40	5 19	0 36	22 37	0 12	19 22	17 1	10 12	9 37	11 57		n.a.
F 14	22 34	19 14	4 30	25 20	1 36	18 32	1 29	24 37	0 55	16 38	0 47	18 45	1 40	5 19	0 36	22 37	0 12	19 21	17 0	10 15	9 38	11 56		n.a.
S 15	22 25	19 5	3 53	25 21	1 40	18 9	1 28	24 36	0 56	16 40	0 47	18 43	1 40	5 19	0 36	22 37	0 12	19 20	17 0	10 18	9 39	11 54		n.a.
S 16	22 17	18 2	3 5	25 21	1 44	17 46	1 27	24 35	0 56	16 43	0 47	18 41	1 40	5 19	0 36	22 36	0 12	19 20	17 0	10 21	9 41	11 53		n.a.
M17	22 8	16 12	2 9	25 19	1 48	17 23	1 26	24 33	0 56	16 46	0 47	18 39	1 40	5 19	0 36	22 36	0 12	19 19	16 59	10 23	9 42	11 51		n.a.
T 18	21 58	13 41	1 8	25 15	1 51	16 58	1 25	24 31	0 57	16 48	0 47	18 37	1 40	5 19	0 36	22 36	0 12	19 19	16 59	10 24	9 43	11 50		n.a.
W19	21 48	10 37	0 4	25 10	1 54	16 34	1 24	24 28	0 57	16 51	0 47	18 35	1 40	5 20	0 36	22 35	0 12	19 18	16 59	10 24	9 44	11 48		n.a.
T 20	21 38	7 9	1s 0	25 3	1 56	16 9	1 22	24 26	0 58	16 53	0 47	18 33	1 40	5 20	0 36	22 35	0 12	19 17	16 58	10 24	9 45	11 47		n.a.
F 21	21 27	3 23	2 1	24 54	1 58	15 43	1 21	24 23	0 58	16 56	0 47	18 30	1 40	5 20	0 36	22 35	0 12	19 17	16 58	10 23	9 47	11 45		n.a.
S 22	21 16	0n32	2 58	24 44	2 0	15 18	1 19	24 19	0 59	16 58	0 47	18 28	1 40	5 20	0 36	22 34	0 12	19 16	16 58	10 23	9 48	11 44		n.a.
S 23	21 4	4 30	3 48	24 31	2 1	14 51	1 18	24 16	0 59	17 1	0 47	18 26	1 40	5 20	0 36	22 34	0 12	19 15	16 57	10 22	9 49	11 42		n.a.
M24	20 52	8 21	4 29	24 17	2 2	14 25	1 16	24 12	0 59	17 3	0 47	18 24	1 40	5 20	0 36	22 34	0 12	19 15	16 57	10 22	9 50	11 41		n.a.
T 25	20 40	11 56	4 58	24 1	2 2	13 58	1 14	24 8	1 0	17 5	0 47	18 22	1 40	5 20	0 36	22 34	0 12	19 14	16 57	10 23	9 51	11 39		n.a.
W26	20 27	15 3	5 12	23 43	2 2	13 30	1 13	24 4	1 0	17 8	0 47	18 20	1 40	5 20	0 36	22 33	0 12	19 14	16 57	10 24	9 52	11 38		n.a.
T 27	20 14	17 28	5 9	23 23	2 2	13 3	1 11	23 59	1 0	17 10	0 47	18 17	1 40	5 20	0 36	22 33	0 12	19 13	16 56	10 25	9 54	11 36		n.a.
F 28	20 0	18 55	4 48	23 1	2 1	12 35	1 9	23 54	1 1	17 12	0 47	18 15	1 40	5 20	0 36	22 33	0 12	19 12	16 56	10 27	9 55	11 35		n.a.
S 29	19 47	19 12	4 8	22 37	1 59	12 6	1 7	23 49	1 1	17 14	0 47	18 13	1 40	5 20	0 36	22 32	0 12	19 12	16 56	10 29	9 56	11 33		n.a.
S 30	19 33	18 9	3 10	22 11	1 58	11 38	1 5	23 43	1 2	17 16	0 47	18 11	1 40	5 20	0 36	22 32	0 12	19 11	16 55	10 30	9 57	11 32		n.a.
M31	19s18	15n50	1s59	21s43	1s55	11s 9	1s 3	23s38	1s 2	17s18	0n47	18s 9	1s40	5s19	0n36	22s32	0s12	19s10	16s55	10n31	9n58	11s30		n.a.

Julian Day Number = 1492411.5, Delta T = 05h13m36s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'58, Lahiri = -12°36'58 Julian Calendar 1 Jan. 627 BCE == Greg. Calendar 25 Dec. 628 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

FEBRUARY 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 16 8	5♒54'19	26♌ 0	4♒29	5♓14	18♑18	20♏25	15♒ 8	14°R43	19♑33	20♓45	3°D 2	4♍30	29♒ 8	n.a.	T 1
W 2	8 20 4	6°54'14	11♍ 2	6°23	6°27	19° 5	20°33	15°15	14♎42	19°36	20°46	3♍ 2	4°27	29°15	n.a.	W 2
T 3	8 24 1	7°54'08	25°48	8°18	7°41	19°53	20°40	15°23	14°42	19°38	20°47	3° 3	4°24	29°21	n.a.	T 3
F 4	8 27 58	8°53'59	10♎16	10°14	8°54	20°40	20°47	15°30	14°41	19°40	20°49	3° 5	4°21	29°28	n.a.	F 4
S 5	8 31 54	9°53'49	24°20	12°11	10° 7	21°27	20°54	15°38	14°41	19°42	20°50	3° 6	4°18	29°35	n.a.	S 5
S 6	8 35 51	10°53'37	8♏ 2	14° 9	11°20	22°14	21° 1	15°45	14°40	19°44	20°51	3°R 7	4°14	29°41	n.a.	S 6
M 7	8 39 47	11°53'23	21°22	16° 7	12°33	23° 1	21° 8	15°53	14°39	19°46	20°52	3° 7	4°11	29°48	n.a.	M 7
T 8	8 43 44	12°53'08	4♐21	18° 5	13°46	23°48	21°15	16° 0	14°39	19°48	20°53	3° 5	4° 8	29°55	n.a.	T 8
W 9	8 47 40	13°52'50	17° 3	20° 4	14°59	24°35	21°21	16° 8	14°38	19°51	20°54	3° 3	4° 5	0♓ 1	n.a.	W 9
T 10	8 51 37	14°52'31	29°30	22° 3	16°12	25°22	21°27	16°15	14°37	19°53	20°55	3° 1	4° 2	0° 8	n.a.	T 10
F 11	8 55 33	15°52'10	11♑45	24° 2	17°24	26° 9	21°34	16°23	14°36	19°55	20°56	2°58	3°58	0°15	n.a.	F 11
S 12	8 59 30	16°51'47	23°50	26° 0	18°37	26°56	21°40	16°30	14°35	19°57	20°58	2°55	3°55	0°21	n.a.	S 12
S 13	9 3 27	17°51'21	5♒48	27°58	19°50	27°43	21°45	16°38	14°34	19°59	20°59	2°53	3°52	0°28	n.a.	S 13
M14	9 7 23	18°50'54	17°39	29°54	21° 2	28°30	21°51	16°45	14°33	20° 1	21° 0	2°52	3°49	0°35	n.a.	M14
T 15	9 11 20	19°50'24	29°28	1♓50	22°15	29°17	21°57	16°53	14°32	20° 3	21° 1	2°D51	3°46	0°41	n.a.	T 15
W16	9 15 16	20°49'52	11♓14	3°43	23°27	0♒ 4	22° 2	17° 1	14°31	20° 5	21° 2	2°51	3°43	0°48	n.a.	W16
T 17	9 19 13	21°49'18	23° 2	5°34	24°40	0°51	22° 7	17° 8	14°30	20° 7	21° 4	2°52	3°39	0°55	n.a.	T 17
F 18	9 23 9	22°48'42	4♈54	7°23	25°52	1°38	22°12	17°16	14°29	20° 9	21° 5	2°53	3°36	1° 1	n.a.	F 18
S 19	9 27 6	23°48'03	16°53	9° 9	27° 4	2°25	22°17	17°23	14°28	20°11	21° 6	2°54	3°33	1° 8	n.a.	S 19
S 20	9 31 2	24°47'22	29° 2	10°51	28°16	3°12	22°22	17°31	14°26	20°13	21° 7	2°55	3°30	1°14	n.a.	S 20
M21	9 34 59	25°46'39	11♉26	12°29	29°28	3°58	22°26	17°38	14°25	20°15	21° 9	2°55	3°27	1°21	n.a.	M21
T 22	9 38 55	26°45'53	24° 9	14° 3	0♈40	4°45	22°31	17°46	14°24	20°17	21°10	2°R56	3°23	1°28	n.a.	T 22
W23	9 42 52	27°45'04	7♊14	15°32	1°52	5°32	22°35	17°53	14°22	20°19	21°11	2°55	3°20	1°34	n.a.	W23
T 24	9 46 49	28°44'14	20°44	16°56	3° 4	6°19	22°39	18° 1	14°21	20°21	21°13	2°55	3°17	1°41	n.a.	T 24
F 25	9 50 45	29°43'21	4♋41	18°14	4°16	7° 5	22°43	18° 8	14°19	20°23	21°14	2°55	3°14	1°48	n.a.	F 25
S 26	9 54 42	0♓42'25	19° 5	19°27	5°28	7°52	22°47	18°16	14°18	20°24	21°15	2°55	3°11	1°54	n.a.	S 26
S 27	9 58 38	1°41'27	3♌51	20°34	6°39	8°39	22°50	18°23	14°16	20°26	21°17	2°54	3° 8	2° 1	n.a.	S 27
M28	10 2 35	2♓40'27	18♌55	21♓34	7♈51	9♒26	22♏53	18♒30	14♎15	20♑28	21♓18	2°D54	3♍ 4	2♓ 8	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 3	12n25	0s39	21s13	1s52	10s40	1s 1	23s31	1s 2	17s20	0n47	18s 6	1s40	5s19	0n36	22s31	0s12	19s10	16s55	10n32	9n59	11s29		n.a.
W 2	18 48	8 12	0n44	20 41	1 48	10 10	0 59	23 25	1 3	17 22	0 47	18 4	1 40	5 19	0 36	22 31	0 12	19 9	16 55	10 32	10 1	11 27		n.a.
T 3	18 33	3 33	2 2	20 7	1 44	9 41	0 56	23 19	1 3	17 24	0 47	18 2	1 40	5 19	0 36	22 31	0 12	19 8	16 54	10 31	10 2	11 26		n.a.
F 4	18 17	1s12	3 11	19 31	1 39	9 11	0 54	23 12	1 3	17 26	0 47	18 0	1 40	5 19	0 36	22 30	0 12	19 8	16 54	10 31	10 3	11 24		n.a.
S 5	18 1	5 45	4 6	18 53	1 34	8 40	0 52	23 5	1 3	17 28	0 47	17 58	1 40	5 18	0 36	22 30	0 12	19 7	16 54	10 30	10 4	11 23		n.a.
S 6	17 44	9 52	4 46	18 13	1 28	8 10	0 49	22 57	1 4	17 30	0 47	17 55	1 40	5 18	0 36	22 30	0 12	19 6	16 54	10 30	10 5	11 21		n.a.
M 7	17 28	13 23	5 9	17 31	1 22	7 40	0 47	22 50	1 4	17 32	0 47	17 53	1 40	5 18	0 36	22 30	0 12	19 6	16 53	10 30	10 6	11 20		n.a.
T 8	17 11	16 8	5 16	16 48	1 14	7 9	0 44	22 42	1 4	17 33	0 48	17 51	1 40	5 18	0 36	22 29	0 12	19 5	16 53	10 31	10 8	11 18		n.a.
W 9	16 53	18 3	5 6	16 3	1 7	6 38	0 42	22 34	1 5	17 35	0 48	17 49	1 40	5 17	0 36	22 29	0 12	19 4	16 53	10 31	10 9	11 17		n.a.
T 10	16 36	19 3	4 43	15 16	0 58	6 7	0 39	22 25	1 5	17 37	0 48	17 46	1 40	5 17	0 36	22 29	0 12	19 4	16 53	10 32	10 10	11 15		n.a.
F 11	16 18	19 9	4 7	14 28	0 49	5 36	0 36	22 17	1 5	17 38	0 48	17 44	1 40	5 17	0 36	22 28	0 12	19 3	16 53	10 33	10 11	11 14		n.a.
S 12	16 0	18 21	3 20	13 39	0 39	5 4	0 33	22 8	1 6	17 40	0 48	17 42	1 40	5 16	0 36	22 28	0 12	19 2	16 52	10 34	10 12	11 12		n.a.
S 13	15 41	16 45	2 24	12 48	0 29	4 33	0 31	21 59	1 6	17 41	0 48	17 39	1 40	5 16	0 36	22 28	0 12	19 2	16 52	10 35	10 14	11 10		n.a.
M14	15 23	14 26	1 23	11 57	0 19	4 1	0 28	21 49	1 6	17 43	0 48	17 37	1 40	5 15	0 36	22 27	0 12	19 1	16 52	10 36	10 15	11 9		n.a.
T 15	15 4	11 31	0 19	11 5	0 7	3 30	0 25	21 40	1 6	17 44	0 48	17 35	1 40	5 15	0 36	22 27	0 12	19 0	16 52	10 36	10 16	11 7		n.a.
W16	14 45	8 10	0s46	10 13	0n 4	2 58	0 22	21 30	1 7	17 45	0 48	17 33	1 40	5 15	0 36	22 27	0 12	19 0	16 52	10 36	10 17	11 6		n.a.
T 17	14 26	4 29	1 50	9 20	0 16	2 26	0 19	21 20	1 7	17 47	0 48	17 30	1 41	5 14	0 36	22 27	0 12	18 59	16 51	10 36	10 18	11 4		n.a.
F 18	14 6	0 36	2 49	8 28	0 29	1 55	0 16	21 9	1 7	17 48	0 48	17 28	1 41	5 14	0 36	22 26	0 13	18 58	16 51	10 35	10 19	11 3		n.a.
S 19	13 46	3n19	3 41	7 37	0 41	1 23	0 13	20 59	1 7	17 49	0 48	17 26	1 41	5 13	0 36	22 26	0 13	18 58	16 51	10 35	10 21	11 1		n.a.
S 20	13 26	7 10	4 24	6 46	0 54	0 51	0 10	20 48	1 7	17 50	0 48	17 24	1 41	5 13	0 36	22 26	0 13	18 57	16 51	10 35	10 22	11 0		n.a.
M21	13 6	10 47	4 56	5 56	1 7	0 19	0 7	20 37	1 8	17 52	0 48	17 21	1 41	5 12	0 37	22 25	0 13	18 56	16 51	10 34	10 23	10 58		n.a.
T 22	12 46	13 59	5 14	5 8	1 20	0n13	0 4	20 26	1 8	17 53	0 48	17 19	1 41	5 11	0 37	22 25	0 13	18 56	16 51	10 34	10 24	10 56		n.a.
W23	12 25	16 36	5 17	4 22	1 32	0 45	0 0	20 15	1 8	17 54	0 48	17 17	1 41	5 11	0 37	22 25	0 13	18 55	16 50	10 34	10 25	10 55		n.a.
T 24	12 4	18 24	5 3	3 37	1 45	1 17	0n 3	20 3	1 8	17 55	0 48	17 15	1 41	5 10	0 37	22 25	0 13	18 54	16 50	10 34	10 26	10 53		n.a.
F 25	11 43	19 11	4 31	2 55	1 57	1 49	0 6	19 51	1 8	17 56	0 48	17 12	1 41	5 10	0 37	22 24	0 13	18 54	16 50	10 34	10 27	10 52		n.a.
S 26	11 22	18 45	3 41	2 16	2 9	2 21	0 9	19 39	1 9	17 57	0 48	17 10	1 41	5 9	0 37	22 24	0 13	18 53	16 50	10 35	10 29	10 50		n.a.
S 27	11 1	17 3	2 35	1 39	2 20	2 52	0 13	19 27	1 9	17 57	0 48	17 8	1 41	5 8	0 37	22 24	0 13	18 52	16 50	10 35	10 30	10 48		n.a.
M28	10s40	14n 8	1s17	1s 5	2n31	3n24	0n16	19s15	1s 9	17s58	0n48	17s 6	1s41	5s 8	0n37	22s24	0s13	18s52	16s50	10n35	10n31	10s47		n.a.

Julian Day Number = 1492442.5, Delta T = 05h13m34s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'54, Lahiri = -12°36'54 Julian Calendar 1 Feb. 627 BCE == Greg. Calendar 25 Jan. 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

MARCH 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 6 31	3♓39'24	4♍ 8	22♓29	9♈ 2	10♒12	22♏57	18♒38	14°R13	20♑30	21♓19	2°R54	3♍ 1	2♓14	n.a.	T 1
W 2	10 10 28	4°38'19	19°20	23°16	10°13	10°59	23° 0	18°45	14♎11	20°32	21°21	2♍54	2°58	2°21	n.a.	W 2
T 3	10 14 24	5°37'12	4♎22	23°57	11°25	11°45	23° 2	18°53	14° 9	20°33	21°22	2°54	2°55	2°28	n.a.	T 3
F 4	10 18 21	6°36'03	19° 6	24°31	12°36	12°32	23° 5	19° 0	14° 8	20°35	21°23	2°54	2°52	2°34	n.a.	F 4
S 5	10 22 18	7°34'53	3♏26	24°59	13°47	13°18	23° 7	19° 7	14° 6	20°37	21°25	2°53	2°49	2°41	n.a.	S 5
S 6	10 26 14	8°33'40	17°19	25°19	14°58	14° 5	23°10	19°14	14° 4	20°39	21°26	2°53	2°45	2°47	n.a.	S 6
M 7	10 30 11	9°32'26	0♐46	25°33	16° 9	14°51	23°12	19°22	14° 2	20°40	21°27	2°53	2°42	2°54	n.a.	M 7
T 8	10 34 7	10°31'10	13°47	25°40	17°19	15°38	23°14	19°29	14° 0	20°42	21°29	2°D52	2°39	3° 1	n.a.	T 8
W 9	10 38 4	11°29'52	26°27	25°R41	18°30	16°24	23°15	19°36	13°58	20°43	21°30	2°53	2°36	3° 7	n.a.	W 9
T 10	10 42 0	12°28'32	8♑48	25°35	19°41	17°11	23°17	19°43	13°56	20°45	21°32	2°53	2°33	3°14	n.a.	T 10
F 11	10 45 57	13°27'11	20°55	25°23	20°51	17°57	23°18	19°51	13°54	20°47	21°33	2°54	2°29	3°21	n.a.	F 11
S 12	10 49 53	14°25'47	2♒52	25° 6	22° 1	18°43	23°19	19°58	13°52	20°48	21°34	2°56	2°26	3°27	n.a.	S 12
S 13	10 53 50	15°24'22	14°42	24°43	23°12	19°30	23°20	20° 5	13°50	20°50	21°36	2°57	2°23	3°34	n.a.	S 13
M14	10 57 46	16°22'55	26°29	24°15	24°22	20°16	23°21	20°12	13°48	20°51	21°37	2°57	2°20	3°41	n.a.	M14
T 15	11 1 43	17°21'25	8♓16	23°44	25°32	21° 2	23°22	20°19	13°46	20°53	21°38	2°R57	2°17	3°47	n.a.	T 15
W16	11 5 40	18°19'54	20° 4	23° 9	26°42	21°48	23°22	20°26	13°44	20°54	21°40	2°56	2°14	3°54	n.a.	W16
T 17	11 9 36	19°18'21	1♈57	22°31	27°52	22°35	23°22	20°33	13°41	20°55	21°41	2°55	2°10	4° 1	n.a.	T 17
F 18	11 13 33	20°16'46	13°57	21°51	29° 2	23°21	23°R22	20°40	13°39	20°57	21°43	2°53	2° 7	4° 7	n.a.	F 18
S 19	11 17 29	21°15'08	26° 4	21° 9	0♉11	24° 7	23°22	20°47	13°37	20°58	21°44	2°50	2° 4	4°14	n.a.	S 19
S 20	11 21 26	22°13'29	8♉23	20°27	1°21	24°53	23°22	20°53	13°35	20°59	21°45	2°47	2° 1	4°20	n.a.	S 20
M21	11 25 22	23°11'48	20°54	19°46	2°30	25°39	23°21	21° 0	13°32	21° 1	21°47	2°44	1°58	4°27	n.a.	M21
T 22	11 29 19	24°10'04	3♊40	19° 5	3°39	26°25	23°21	21° 7	13°30	21° 2	21°48	2°42	1°54	4°34	n.a.	T 22
W23	11 33 15	25° 8'18	16°44	18°26	4°48	27°11	23°20	21°14	13°28	21° 3	21°50	2°41	1°51	4°40	n.a.	W23
T 24	11 37 12	26° 6'30	0♋ 9	17°49	5°57	27°56	23°19	21°20	13°25	21° 5	21°51	2°D41	1°48	4°47	n.a.	T 24
F 25	11 41 8	27° 4'40	13°55	17°15	7° 6	28°42	23°17	21°27	13°23	21° 6	21°52	2°41	1°45	4°54	n.a.	F 25
S 26	11 45 5	28° 2'48	28° 4	16°45	8°15	29°28	23°16	21°34	13°21	21° 7	21°54	2°43	1°42	5° 0	n.a.	S 26
S 27	11 49 2	29° 0'54	12♌34	16°18	9°24	0♓14	23°14	21°40	13°18	21° 8	21°55	2°44	1°39	5° 7	n.a.	S 27
M28	11 52 58	29°58'58	27°23	15°55	10°32	0°59	23°12	21°47	13°16	21° 9	21°57	2°R45	1°35	5°14	n.a.	M28
T 29	11 56 55	0♈56'59	12♍24	15°37	11°40	1°45	23°10	21°53	13°13	21°10	21°58	2°45	1°32	5°20	n.a.	T 29
W30	12 0 51	1°54'59	27°30	15°23	12°48	2°31	23° 8	22° 0	13°11	21°11	21°59	2°43	1°29	5°27	n.a.	W30
T 31	12 4 48	2♈52'57	12♎31	15♓14	13♉56	3♓16	23♏ 6	22♒ 6	13♎ 8	21♑12	22♓ 1	2♍40	1♍26	5♓34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	10s18	10n14	0n 7	0s34	2n41	3n56	0n19	19s 2	1s 9	17s59	0n48	17s 3	1s42	5s 7	0n37	22s23	0s13	18s51	16s50	10n35	10n32	10s45			n.a.
W 2	9 56	5 39	1 30	0 7	2 50	4 27	0 23	18 49	1 9	18 0	0 48	17 1	1 42	5 6	0 37	22 23	0 13	18 51	16 49	10 35	10 33	10 44			n.a.
T 3	9 35	0 47	2 46	0n17	2 58	4 58	0 26	18 36	1 9	18 0	0 48	16 59	1 42	5 6	0 37	22 23	0 13	18 50	16 49	10 35	10 34	10 42			n.a.
F 4	9 13	4s 2	3 50	0 38	3 6	5 30	0 30	18 23	1 9	18 1	0 49	16 57	1 42	5 5	0 37	22 23	0 13	18 49	16 49	10 35	10 36	10 41			n.a.
S 5	8 51	8 29	4 37	0 55	3 12	6 1	0 33	18 10	1 10	18 2	0 49	16 54	1 42	5 4	0 37	22 22	0 13	18 49	16 49	10 35	10 37	10 39			n.a.
S 6	8 28	12 20	5 6	1 8	3 17	6 32	0 36	17 56	1 10	18 2	0 49	16 52	1 42	5 4	0 37	22 22	0 13	18 48	16 49	10 35	10 38	10 37			n.a.
M 7	8 6	15 25	5 18	1 17	3 21	7 3	0 40	17 43	1 10	18 3	0 49	16 50	1 42	5 3	0 37	22 22	0 13	18 47	16 49	10 35	10 39	10 36			n.a.
T 8	7 43	17 36	5 12	1 22	3 24	7 34	0 43	17 29	1 10	18 3	0 49	16 48	1 42	5 2	0 37	22 22	0 13	18 47	16 49	10 35	10 40	10 34			n.a.
W 9	7 21	18 52	4 52	1 23	3 25	8 4	0 47	17 15	1 10	18 3	0 49	16 46	1 42	5 1	0 37	22 21	0 13	18 46	16 49	10 35	10 41	10 33			n.a.
T 10	6 58	19 11	4 18	1 21	3 25	8 34	0 50	17 1	1 10	18 4	0 49	16 43	1 42	5 0	0 37	22 21	0 13	18 45	16 49	10 35	10 43	10 31			n.a.
F 11	6 35	18 37	3 33	1 15	3 24	9 5	0 54	16 46	1 10	18 4	0 49	16 41	1 43	5 0	0 37	22 21	0 13	18 45	16 49	10 35	10 44	10 29			n.a.
S 12	6 13	17 12	2 40	1 5	3 20	9 35	0 57	16 32	1 10	18 4	0 49	16 39	1 43	4 59	0 37	22 21	0 13	18 44	16 49	10 34	10 45	10 28			n.a.
S 13	5 50	15 4	1 40	0 52	3 16	10 4	1 1	16 17	1 10	18 5	0 49	16 37	1 43	4 58	0 37	22 21	0 13	18 44	16 49	10 34	10 46	10 26			n.a.
M14	5 27	12 18	0 36	0 35	3 10	10 34	1 4	16 2	1 10	18 5	0 49	16 35	1 43	4 57	0 37	22 20	0 13	18 43	16 49	10 34	10 47	10 24			n.a.
T 15	5 4	9 2	0s29	0 15	3 2	11 3	1 8	15 47	1 10	18 5	0 49	16 32	1 43	4 56	0 37	22 20	0 13	18 42	16 49	10 34	10 48	10 23			n.a.
W16	4 41	5 25	1 33	0s 7	2 53	11 32	1 11	15 32	1 10	18 5	0 49	16 30	1 43	4 55	0 37	22 20	0 13	18 42	16 48	10 34	10 50	10 21			n.a.
T 17	4 17	1 34	2 34	0 32	2 42	12 1	1 14	15 17	1 10	18 5	0 49	16 28	1 43	4 55	0 37	22 20	0 13	18 41	16 48	10 34	10 51	10 20			n.a.
F 18	3 54	2n23	3 28	0 59	2 31	12 29	1 18	15 2	1 10	18 5	0 49	16 26	1 44	4 54	0 37	22 20	0 13	18 41	16 48	10 35	10 52	10 18			n.a.
S 19	3 31	6 17	4 13	1 27	2 18	12 57	1 21	14 46	1 10	18 5	0 49	16 24	1 44	4 53	0 37	22 19	0 13	18 40	16 48	10 36	10 53	10 16			n.a.
S 20	3 8	9 57	4 48	1 56	2 4	13 25	1 24	14 31	1 10	18 5	0 49	16 22	1 44	4 52	0 37	22 19	0 13	18 40	16 48	10 37	10 54	10 15			n.a.
M21	2 44	13 16	5 9	2 27	1 49	13 53	1 28	14 15	1 10	18 5	0 49	16 20	1 44	4 51	0 37	22 19	0 13	18 39	16 48	10 38	10 55	10 13			n.a.
T 22	2 21	16 1	5 15	2 57	1 33	14 20	1 31	13 59	1 10	18 4	0 49	16 18	1 44	4 50	0 37	22 19	0 13	18 38	16 48	10 39	10 56	10 11			n.a.
W23	1 57	18 1	5 6	3 27	1 17	14 47	1 34	13 43	1 10	18 4	0 49	16 16	1 44	4 49	0 37	22 19	0 13	18 38	16 48	10 40	10 58	10 10			n.a.
T 24	1 34	19 6	4 40	3 57	1 1	15 13	1 38	13 27	1 10	18 4	0 49	16 14	1 44	4 48	0 37	22 18	0 13	18 37	16 48	10 40	10 59	10 8			n.a.
F 25	1 11	19 6	3 58	4 25	0 45	15 39	1 41	13 11	1 10	18 4	0 49	16 12	1 45	4 47	0 37	22 18	0 13	18 37	16 48	10 39	11 0	10 7			n.a.
S 26	0 47	17 54	3 0	4 52	0 28	16 5	1 44	12 55	1 10	18 3	0 49	16 10	1 45	4 46	0 37	22 18	0 13	18 36	16 48	10 39	11 1	10 5			n.a.
S 27	0 24	15 32	1 49	5 18	0 12	16 31	1 47	12 38	1 10	18 3	0 49	16 8	1 45	4 45	0 37	22 18	0 13	18 36	16 48	10 38	11 2	10 3			n.a.
M28	0 0	12 5	0 30	5 42	0s 5	16 56	1 50	12 22	1 10	18 2	0 49	16 6	1 45	4 44	0 37	22 18	0 13	18 35	16 49	10 38	11 3	10 2			n.a.
T 29	0n23	7 49	0n53	6 4	0 20	17 20	1 53	12 5	1 10	18 2	0 49	16 4	1 45	4 43	0 37	22 18	0 13	18 35	16 49	10 38	11 4	10 0			n.a.
W30	0 46	3 1	2 12	6 23	0 36	17 44	1 56	11 49	1 10	18 1	0 49	16 2	1 45	4 42	0 37	22 17	0 13	18 34	16 49	10 39	11 6	9 58			n.a.
T 31	1n10	1s56	3n21	6s40	0s51	18n 8	1n59	11s32	1s10	18s 0	0n49	16s 0	1s45	4s42	0n37	22s17	0s13	18s34	16s49	10n40	11n 7	9s57			n.a.

Julian Day Number = 1492470.5, Delta T = 05h13m33s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'50, Lahiri = -12°36'50 Julian Calendar 1 March 627 BCE == Greg. Calendar 22 Feb. 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

APRIL 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 8 44	3♈50'53	27♎20	15°D10	15♉ 4	4♓ 2	23°R 3	22♒12	13°R 6	21♑13	22♓ 2	2°R36	1♍23	5♓40	n.a.	F 1
S 2	12 12 41	4°48'48	11♏48	15♓11	16°12	4°47	23♏ 0	22°19	13♎ 3	21°14	22° 4	2♍32	1°20	5°47	n.a.	S 2
S 3	12 16 37	5°46'41	25°50	15°16	17°20	5°33	22°57	22°25	13° 1	21°15	22° 5	2°27	1°16	5°54	n.a.	S 3
M 4	12 20 34	6°44'33	9♐24	15°26	18°27	6°18	22°54	22°31	12°59	21°16	22° 6	2°23	1°13	6° 0	n.a.	M 4
T 5	12 24 31	7°42'23	22°31	15°41	19°34	7° 3	22°51	22°37	12°56	21°17	22° 8	2°21	1°10	6° 7	n.a.	T 5
W 6	12 28 27	8°40'12	5♑13	16° 0	20°41	7°49	22°48	22°43	12°53	21°18	22° 9	2°D19	1° 7	6°13	n.a.	W 6
T 7	12 32 24	9°38'00	17°35	16°23	21°48	8°34	22°44	22°49	12°51	21°18	22°10	2°20	1° 4	6°20	n.a.	T 7
F 8	12 36 20	10°35'47	29°40	16°51	22°55	9°19	22°40	22°55	12°48	21°19	22°12	2°21	1° 0	6°27	n.a.	F 8
S 9	12 40 17	11°33'32	11♒34	17°23	24° 1	10° 4	22°36	23° 1	12°46	21°20	22°13	2°23	0°57	6°33	n.a.	S 9
S 10	12 44 13	12°31'16	23°22	17°59	25° 8	10°49	22°32	23° 7	12°43	21°21	22°14	2°24	0°54	6°40	n.a.	S 10
M11	12 48 10	13°28'59	5♓ 8	18°39	26°14	11°34	22°28	23°12	12°41	21°21	22°16	2°R24	0°51	6°47	n.a.	M11
T 12	12 52 6	14°26'40	16°56	19°23	27°20	12°19	22°23	23°18	12°38	21°22	22°17	2°23	0°48	6°53	n.a.	T 12
W13	12 56 3	15°24'20	28°50	20°10	28°26	13° 4	22°19	23°24	12°36	21°23	22°18	2°20	0°45	7° 0	n.a.	W13
T 14	13 0 0	16°21'59	10♈51	21° 1	29°31	13°49	22°14	23°29	12°33	21°23	22°20	2°15	0°41	7° 7	n.a.	T 14
F 15	13 3 56	17°19'36	23° 2	21°55	0♊37	14°34	22° 9	23°35	12°31	21°24	22°21	2° 8	0°38	7°13	n.a.	F 15
S 16	13 7 53	18°17'12	5♉24	22°52	1°42	15°19	22° 4	23°40	12°28	21°24	22°22	2° 0	0°35	7°20	n.a.	S 16
S 17	13 11 49	19°14'46	17°57	23°53	2°47	16° 4	21°59	23°46	12°26	21°25	22°23	1°51	0°32	7°27	n.a.	S 17
M18	13 15 46	20°12'19	0♊43	24°57	3°52	16°48	21°54	23°51	12°23	21°25	22°25	1°44	0°29	7°33	n.a.	M18
T 19	13 19 42	21° 9'51	13°42	26° 3	4°56	17°33	21°48	23°56	12°21	21°26	22°26	1°37	0°26	7°40	n.a.	T 19
W20	13 23 39	22° 7'21	26°54	27°13	6° 0	18°18	21°42	24° 1	12°18	21°26	22°27	1°32	0°22	7°46	n.a.	W20
T 21	13 27 35	23° 4'50	10♋21	28°25	7° 4	19° 2	21°37	24° 6	12°16	21°26	22°28	1°29	0°19	7°53	n.a.	T 21
F 22	13 31 32	24° 2'18	24° 4	29°40	8° 8	19°46	21°31	24°11	12°13	21°27	22°30	1°D29	0°16	8° 0	n.a.	F 22
S 23	13 35 29	24°59'43	8♌ 2	0♈58	9°12	20°31	21°25	24°16	12°11	21°27	22°31	1°29	0°13	8° 6	n.a.	S 23
S 24	13 39 25	25°57'08	22°17	2°18	10°15	21°15	21°19	24°21	12° 9	21°27	22°32	1°30	0°10	8°13	n.a.	S 24
M25	13 43 22	26°54'31	6♍46	3°41	11°18	22° 0	21°12	24°26	12° 6	21°27	22°33	1°R30	0° 6	8°20	n.a.	M25
T 26	13 47 18	27°51'52	21°26	5° 7	12°21	22°44	21° 6	24°31	12° 4	21°28	22°34	1°29	0° 3	8°26	n.a.	T 26
W27	13 51 15	28°49'12	6♎12	6°35	13°23	23°28	21° 0	24°36	12° 1	21°28	22°36	1°25	0° 0	8°33	n.a.	W27
T 28	13 55 11	29°46'32	20°58	8° 6	14°26	24°12	20°53	24°40	11°59	21°28	22°37	1°19	29♌57	8°40	n.a.	T 28
F 29	13 59 8	0♉43'50	5♏36	9°40	15°27	24°56	20°46	24°45	11°57	21°28	22°38	1°11	29°54	8°46	n.a.	F 29
S 30	14 3 4	1♉41'07	19♏58	11♈16	16♊29	25♓40	20♏40	24♒49	11♎54	21♑28	22♓39	1♍ 1	29♌51	8♓53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n33	6s41	4n16	6s55	1s 5	18n32	2n 2	11s15	1s10	18s 0	0n49	15s58	1s46	4s41	0n37	22s17	0s13	18s33	16s49	10n41	11n 8	9s55		n.a.
S 2	1 56	10 57	4 53	7 7	1 18	18 54	2 5	10 58	1 10	17 59	0 49	15 56	1 46	4 40	0 37	22 17	0 13	18 33	16 49	10 43	11 9	9 53		n.a.
S 3	2 20	14 27	5 11	7 16	1 31	19 17	2 8	10 41	1 10	17 58	0 49	15 54	1 46	4 39	0 37	22 17	0 13	18 32	16 49	10 45	11 10	9 52		n.a.
M 4	2 43	17 3	5 10	7 23	1 43	19 39	2 11	10 24	1 10	17 58	0 49	15 52	1 46	4 38	0 37	22 17	0 13	18 32	16 49	10 46	11 11	9 50		n.a.
T 5	3 6	18 40	4 54	7 28	1 54	20 0	2 14	10 7	1 10	17 57	0 49	15 50	1 46	4 37	0 37	22 17	0 13	18 31	16 49	10 47	11 12	9 48		n.a.
W 6	3 29	19 17	4 23	7 30	2 4	20 21	2 16	9 50	1 9	17 56	0 49	15 48	1 47	4 36	0 37	22 17	0 13	18 31	16 49	10 47	11 14	9 47		n.a.
T 7	3 52	18 57	3 41	7 29	2 13	20 42	2 19	9 32	1 9	17 55	0 49	15 47	1 47	4 35	0 37	22 16	0 13	18 30	16 49	10 47	11 15	9 45		n.a.
F 8	4 15	17 45	2 49	7 26	2 22	21 2	2 21	9 15	1 9	17 54	0 49	15 45	1 47	4 34	0 37	22 16	0 13	18 30	16 49	10 47	11 16	9 43		n.a.
S 9	4 38	15 46	1 51	7 21	2 30	21 21	2 24	8 58	1 9	17 53	0 49	15 43	1 47	4 33	0 37	22 16	0 13	18 29	16 49	10 46	11 17	9 42		n.a.
S 10	5 1	13 9	0 49	7 13	2 37	21 40	2 26	8 40	1 9	17 52	0 49	15 41	1 47	4 32	0 37	22 16	0 13	18 29	16 49	10 46	11 18	9 40		n.a.
M11	5 24	9 59	0s15	7 2	2 43	21 59	2 28	8 23	1 9	17 51	0 49	15 39	1 47	4 31	0 37	22 16	0 13	18 28	16 50	10 46	11 19	9 38		n.a.
T 12	5 46	6 25	1 18	6 50	2 48	22 16	2 31	8 5	1 9	17 50	0 49	15 38	1 48	4 30	0 37	22 16	0 13	18 28	16 50	10 46	11 20	9 37		n.a.
W13	6 9	2 35	2 19	6 35	2 53	22 34	2 33	7 47	1 8	17 49	0 49	15 36	1 48	4 29	0 37	22 16	0 13	18 28	16 50	10 47	11 22	9 35		n.a.
T 14	6 31	1n24	3 13	6 18	2 57	22 51	2 35	7 30	1 8	17 47	0 49	15 34	1 48	4 28	0 37	22 16	0 14	18 27	16 50	10 49	11 23	9 33		n.a.
F 15	6 54	5 22	4 0	5 59	3 0	23 7	2 37	7 12	1 8	17 46	0 49	15 33	1 48	4 27	0 37	22 16	0 14	18 27	16 50	10 52	11 24	9 32		n.a.
S 16	7 16	9 10	4 36	5 38	3 2	23 22	2 39	6 54	1 8	17 45	0 49	15 31	1 48	4 26	0 37	22 16	0 14	18 26	16 50	10 54	11 25	9 30		n.a.
S 17	7 38	12 38	4 59	5 16	3 3	23 37	2 40	6 37	1 8	17 43	0 49	15 29	1 49	4 25	0 37	22 16	0 14	18 26	16 50	10 58	11 26	9 28		n.a.
M18	8 0	15 34	5 8	4 51	3 4	23 52	2 42	6 19	1 8	17 42	0 49	15 28	1 49	4 24	0 37	22 16	0 14	18 26	16 50	11 0	11 27	9 26		n.a.
T 19	8 22	17 47	5 1	4 24	3 4	24 6	2 44	6 1	1 7	17 41	0 49	15 26	1 49	4 23	0 37	22 16	0 14	18 25	16 51	11 3	11 28	9 25		n.a.
W20	8 44	19 6	4 38	3 55	3 3	24 19	2 45	5 43	1 7	17 39	0 49	15 25	1 49	4 22	0 37	22 16	0 14	18 25	16 51	11 5	11 30	9 23		n.a.
T 21	9 5	19 22	4 0	3 25	3 2	24 32	2 47	5 25	1 7	17 38	0 49	15 23	1 49	4 21	0 37	22 16	0 14	18 25	16 51	11 6	11 31	9 21		n.a.
F 22	9 27	18 31	3 8	2 53	3 0	24 44	2 48	5 7	1 7	17 36	0 49	15 22	1 50	4 20	0 37	22 16	0 14	18 24	16 51	11 6	11 32	9 20		n.a.
S 23	9 48	16 32	2 3	2 19	2 57	24 55	2 49	4 49	1 6	17 35	0 49	15 20	1 50	4 19	0 37	22 15	0 14	18 24	16 51	11 6	11 33	9 18		n.a.
S 24	10 10	13 30	0 49	1 44	2 54	25 6	2 50	4 31	1 6	17 33	0 49	15 19	1 50	4 18	0 37	22 15	0 14	18 24	16 51	11 5	11 34	9 16		n.a.
M25	10 31	9 35	0n28	1 7	2 50	25 16	2 51	4 14	1 6	17 32	0 49	15 17	1 50	4 17	0 37	22 15	0 14	18 23	16 52	11 5	11 35	9 15		n.a.
T 26	10 51	5 3	1 45	0 28	2 46	25 26	2 52	3 56	1 6	17 30	0 49	15 16	1 51	4 16	0 37	22 15	0 14	18 23	16 52	11 6	11 36	9 13		n.a.
W27	11 12	0 10	2 55	0n12	2 41	25 35	2 53	3 38	1 5	17 28	0 49	15 14	1 51	4 15	0 37	22 15	0 14	18 23	16 52	11 7	11 38	9 11		n.a.
T 28	11 33	4s42	3 53	0 53	2 35	25 43	2 54	3 20	1 5	17 27	0 48	15 13	1 51	4 14	0 37	22 15	0 14	18 22	16 52	11 9	11 39	9 9		n.a.
F 29	11 53	9 15	4 35	1 36	2 29	25 51	2 54	3 2	1 5	17 25	0 48	15 12	1 51	4 13	0 37	22 15	0 14	18 22	16 52	11 12	11 40	9 8		n.a.
S 30	12n13	13s10	4n59	2n21	2s22	25n58	2n54	2s44	1s 5	17s23	0n48	15s11	1s51	4s13	0n37	22s15	0s14	18s22	16s53	11n16	11n41	9s 6		n.a.

Julian Day Number = 1492501.5, Delta T = 05h13m32s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'46, Lahiri = -12°36'46 Julian Calendar 1 Apr. 627 BCE == Greg. Calendar 25 March 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

MAY 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 7 1	2♉38'24	3♐58	12♈54	17♊30	26♓24	20°R33	24♒53	11°R52	21°R28	22♓40	0°R52	29♌47	9♓ 0	n.a.	S 1
M 2	14 10 57	3°35'39	17°33	14°35	18°31	27° 8	20♏26	24°58	11♎50	21♑28	22°41	0♍44	29°44	9° 6	n.a.	M 2
T 3	14 14 54	4°32'55	0♑43	16°19	19°32	27°52	20°19	25° 2	11°47	21°28	22°42	0°37	29°41	9°13	n.a.	T 3
W 4	14 18 51	5°30'09	13°27	18° 5	20°32	28°36	20°12	25° 6	11°45	21°28	22°43	0°32	29°38	9°20	n.a.	W 4
T 5	14 22 47	6°27'23	25°50	19°53	21°32	29°19	20° 4	25°10	11°43	21°28	22°45	0°30	29°35	9°26	n.a.	T 5
F 6	14 26 44	7°24'37	7♒57	21°44	22°31	0♈ 3	19°57	25°14	11°41	21°28	22°46	0°D30	29°31	9°33	n.a.	F 6
S 7	14 30 40	8°21'50	19°52	23°37	23°31	0°47	19°50	25°18	11°39	21°27	22°47	0°30	29°28	9°39	n.a.	S 7
S 8	14 34 37	9°19'02	1♓40	25°32	24°29	1°30	19°43	25°22	11°37	21°27	22°48	0°R30	29°25	9°46	n.a.	S 8
M 9	14 38 33	10°16'14	13°28	27°30	25°28	2°14	19°35	25°25	11°34	21°27	22°49	0°29	29°22	9°53	n.a.	M 9
T 10	14 42 30	11°13'26	25°19	29°30	26°26	2°57	19°28	25°29	11°32	21°27	22°50	0°27	29°19	9°59	n.a.	T 10
W11	14 46 27	12°10'37	7♈18	1♉32	27°23	3°40	19°20	25°32	11°30	21°26	22°51	0°22	29°16	10° 6	n.a.	W11
T 12	14 50 23	13° 7'48	19°29	3°36	28°20	4°24	19°13	25°36	11°28	21°26	22°52	0°14	29°12	10°13	n.a.	T 12
F 13	14 54 20	14° 4'59	1♉52	5°41	29°17	5° 7	19° 5	25°39	11°26	21°26	22°53	0° 4	29° 9	10°19	n.a.	F 13
S 14	14 58 16	15° 2'09	14°30	7°49	0♋13	5°50	18°57	25°42	11°24	21°25	22°54	29♌52	29° 6	10°26	n.a.	S 14
S 15	15 2 13	15°59'18	27°23	9°57	1° 9	6°33	18°50	25°45	11°22	21°25	22°54	29°40	29° 3	10°33	n.a.	S 15
M16	15 6 9	16°56'28	10♊29	12° 7	2° 4	7°16	18°42	25°49	11°20	21°24	22°55	29°28	29° 0	10°39	n.a.	M16
T 17	15 10 6	17°53'36	23°48	14°17	2°59	7°59	18°34	25°51	11°19	21°24	22°56	29°18	28°57	10°46	n.a.	T 17
W18	15 14 2	18°50'44	7♋18	16°28	3°53	8°42	18°27	25°54	11°17	21°23	22°57	29°10	28°53	10°53	n.a.	W18
T 19	15 17 59	19°47'52	20°58	18°39	4°47	9°25	18°19	25°57	11°15	21°23	22°58	29° 5	28°50	10°59	n.a.	T 19
F 20	15 21 56	20°44'59	4♌47	20°50	5°40	10° 8	18°11	26° 0	11°13	21°22	22°59	29° 3	28°47	11° 6	n.a.	F 20
S 21	15 25 52	21°42'05	18°44	23° 1	6°33	10°50	18° 4	26° 2	11°12	21°22	23° 0	29° 2	28°44	11°13	n.a.	S 21
S 22	15 29 49	22°39'11	2♍51	25°12	7°24	11°33	17°56	26° 5	11°10	21°21	23° 0	29° 2	28°41	11°19	n.a.	S 22
M23	15 33 45	23°36'17	17° 4	27°22	8°16	12°16	17°49	26° 7	11° 8	21°20	23° 1	29° 2	28°37	11°26	n.a.	M23
T 24	15 37 42	24°33'21	1♎24	29°30	9° 6	12°58	17°41	26°10	11° 7	21°20	23° 2	28°59	28°34	11°33	n.a.	T 24
W25	15 41 38	25°30'26	15°47	1♊38	9°56	13°40	17°33	26°12	11° 5	21°19	23° 3	28°54	28°31	11°39	n.a.	W25
T 26	15 45 35	26°27'30	0♏ 9	3°44	10°45	14°23	17°26	26°14	11° 4	21°18	23° 3	28°46	28°28	11°46	n.a.	T 26
F 27	15 49 31	27°24'34	14°24	5°49	11°34	15° 5	17°18	26°16	11° 2	21°18	23° 4	28°36	28°25	11°52	n.a.	F 27
S 28	15 53 28	28°21'38	28°28	7°52	12°21	15°47	17°11	26°18	11° 1	21°17	23° 5	28°25	28°22	11°59	n.a.	S 28
S 29	15 57 25	29°18'42	12♐14	9°53	13° 8	16°29	17° 4	26°20	10°59	21°16	23° 6	28°13	28°18	12° 6	n.a.	S 29
M30	16 1 21	0♊15'46	25°40	11°53	13°54	17°12	16°56	26°21	10°58	21°15	23° 6	28° 2	28°15	12°12	n.a.	M30
T 31	16 5 18	1♊12'50	8♑44	13♊51	14♋39	17♈54	16♏49	26♒23	10♎57	21♑14	23♓ 7	27♌53	28♌12	12♓19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	12n33	16s15	5n 4	3n 6	2s15	26n 4	2n55	2s26	1s 4	17s21	0n48	15s 9	1s52	4s12	0n37	22s15	0s14	18s21	16s53	11n19	11n42	9s 4			n.a.
M 2	12 53	18 20	4 52	3 53	2 7	26 10	2 55	2 8	1 4	17 20	0 48	15 8	1 52	4 11	0 37	22 15	0 14	18 21	16 53	11 22	11 43	9 2			n.a.
T 3	13 13	19 22	4 24	4 41	1 59	26 15	2 55	1 50	1 4	17 18	0 48	15 7	1 52	4 10	0 37	22 16	0 14	18 21	16 53	11 24	11 44	9 1			n.a.
W 4	13 32	19 22	3 44	5 30	1 50	26 20	2 55	1 32	1 3	17 16	0 48	15 6	1 52	4 9	0 37	22 16	0 14	18 21	16 53	11 26	11 45	8 59			n.a.
T 5	13 51	18 25	2 54	6 20	1 41	26 24	2 54	1 14	1 3	17 14	0 48	15 4	1 53	4 8	0 37	22 16	0 14	18 21	16 54	11 27	11 47	8 57			n.a.
F 6	14 10	16 38	1 57	7 10	1 31	26 27	2 54	0 56	1 3	17 12	0 48	15 3	1 53	4 7	0 36	22 16	0 14	18 20	16 54	11 27	11 48	8 56			n.a.
S 7	14 29	14 10	0 57	8 2	1 21	26 29	2 53	0 38	1 2	17 10	0 48	15 2	1 53	4 6	0 36	22 16	0 14	18 20	16 54	11 27	11 49	8 54			n.a.
S 8	14 48	11 7	0s 6	8 54	1 11	26 31	2 52	0 20	1 2	17 8	0 48	15 1	1 53	4 6	0 36	22 16	0 14	18 20	16 54	11 27	11 50	8 52			n.a.
M 9	15 6	7 38	1 9	9 47	1 1	26 33	2 52	0 3	1 2	17 7	0 47	15 0	1 54	4 5	0 36	22 16	0 14	18 20	16 55	11 27	11 51	8 50			n.a.
T 10	15 24	3 50	2 8	10 40	0 50	26 34	2 51	0n15	1 1	17 5	0 47	14 59	1 54	4 4	0 36	22 16	0 14	18 20	16 55	11 28	11 52	8 49			n.a.
W11	15 42	0n 9	3 3	11 33	0 39	26 34	2 49	0 33	1 1	17 3	0 47	14 58	1 54	4 3	0 36	22 16	0 14	18 19	16 55	11 30	11 53	8 47			n.a.
T 12	16 0	4 11	3 49	12 27	0 28	26 33	2 48	0 51	1 1	17 1	0 47	14 57	1 54	4 2	0 36	22 16	0 14	18 19	16 55	11 33	11 54	8 45			n.a.
F 13	16 17	8 8	4 26	13 20	0 17	26 32	2 46	1 8	1 0	16 59	0 47	14 56	1 55	4 2	0 36	22 16	0 14	18 19	16 56	11 36	11 56	8 43			n.a.
S 14	16 34	11 47	4 51	14 12	0 7	26 31	2 45	1 26	1 0	16 57	0 47	14 55	1 55	4 1	0 36	22 16	0 14	18 19	16 56	11 40	11 57	8 42			n.a.
S 15	16 51	14 58	5 1	15 4	0n 4	26 29	2 43	1 44	0 59	16 55	0 47	14 55	1 55	4 0	0 36	22 16	0 14	18 19	16 56	11 45	11 58	8 40			n.a.
M16	17 8	17 27	4 56	15 55	0 15	26 26	2 41	2 1	0 59	16 53	0 47	14 54	1 55	3 59	0 36	22 16	0 14	18 19	16 56	11 49	11 59	8 38			n.a.
T 17	17 24	19 3	4 35	16 45	0 25	26 23	2 38	2 19	0 59	16 51	0 47	14 53	1 56	3 59	0 36	22 16	0 14	18 19	16 57	11 53	12 0	8 36			n.a.
W18	17 40	19 36	3 58	17 33	0 35	26 19	2 36	2 36	0 58	16 49	0 46	14 52	1 56	3 58	0 36	22 17	0 14	18 18	16 57	11 55	12 1	8 35			n.a.
T 19	17 56	19 2	3 7	18 20	0 45	26 14	2 33	2 54	0 58	16 47	0 46	14 52	1 56	3 57	0 36	22 17	0 14	18 18	16 57	11 57	12 2	8 33			n.a.
F 20	18 11	17 19	2 5	19 5	0 54	26 9	2 31	3 11	0 57	16 45	0 46	14 51	1 56	3 57	0 36	22 17	0 14	18 18	16 58	11 58	12 3	8 31			n.a.
S 21	18 26	14 33	0 54	19 48	1 3	26 4	2 28	3 29	0 57	16 43	0 46	14 50	1 57	3 56	0 36	22 17	0 14	18 18	16 58	11 58	12 5	8 29			n.a.
S 22	18 41	10 55	0n20	20 29	1 11	25 58	2 24	3 46	0 56	16 41	0 46	14 50	1 57	3 55	0 36	22 17	0 14	18 18	16 58	11 58	12 6	8 28			n.a.
M23	18 56	6 37	1 34	21 7	1 19	25 51	2 21	4 3	0 56	16 39	0 46	14 49	1 57	3 55	0 36	22 17	0 14	18 18	16 58	11 58	12 7	8 26			n.a.
T 24	19 10	1 55	2 42	21 43	1 26	25 44	2 17	4 20	0 56	16 37	0 45	14 48	1 57	3 54	0 36	22 17	0 14	18 18	16 59	11 59	12 8	8 24			n.a.
W25	19 24	2s55	3 40	22 16	1 32	25 37	2 14	4 37	0 55	16 35	0 45	14 48	1 58	3 54	0 36	22 17	0 14	18 18	16 59	12 1	12 9	8 22			n.a.
T 26	19 38	7 33	4 25	22 47	1 38	25 29	2 10	4 54	0 55	16 33	0 45	14 47	1 58	3 53	0 36	22 17	0 14	18 18	16 59	12 4	12 10	8 20			n.a.
F 27	19 51	11 44	4 52	23 15	1 43	25 20	2 5	5 11	0 54	16 31	0 45	14 47	1 58	3 52	0 36	22 18	0 14	18 18	17 0	12 7	12 11	8 19			n.a.
S 28	20 4	15 12	5 1	23 41	1 47	25 12	2 1	5 28	0 54	16 29	0 45	14 47	1 58	3 52	0 36	22 18	0 14	18 18	17 0	12 11	12 12	8 17			n.a.
S 29	20 17	17 45	4 52	24 4	1 51	25 2	1 56	5 45	0 53	16 27	0 45	14 46	1 59	3 51	0 36	22 18	0 14	18 18	17 0	12 15	12 13	8 15			n.a.
M30	20 29	19 15	4 27	24 24	1 53	24 53	1 51	6 2	0 53	16 25	0 44	14 46	1 59	3 51	0 36	22 18	0 14	18 18	17 1	12 19	12 15	8 13			n.a.
T 31	20n41	19s41	3n48	24n41	1n56	24n42	1n46	6n19	0s52	16s23	0n44	14s46	1s59	3s50	0n36	22s18	0s14	18s18	17s 1	12n22	12n16	8s12			n.a.

Julian Day Number = 1492531.5, Delta T = 05h13m30s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'42, Lahiri = -12°36'42 Julian Calendar 1 May 627 BCE == Greg. Calendar 24 Apr. 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

JUNE 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 9 14	2♊ 9'55	21♉26	15♊46	15♋23	18♈36	16°R42	26♒25	10°R55	21°R13	23♓ 7	27°R47	28♌ 9	12♓26	n.a.	W 1
T 2	16 13 11	3° 7'00	3♒48	17°40	16° 7	19°17	16♏35	26°26	10♎54	21♉12	23° 8	27♌43	28° 6	12°32	n.a.	T 2
F 3	16 17 7	4° 4'05	15°55	19°32	16°49	19°59	16°28	26°27	10°53	21°11	23° 9	27°41	28° 3	12°39	n.a.	F 3
S 4	16 21 4	5° 1'11	27°50	21°22	17°31	20°41	16°21	26°29	10°52	21°10	23° 9	27°D41	27°59	12°46	n.a.	S 4
S 5	16 25 0	5°58'17	9♓40	23°10	18°11	21°23	16°14	26°30	10°51	21° 9	23°10	27°R41	27°56	12°52	n.a.	S 5
M 6	16 28 57	6°55'24	21°29	24°56	18°50	22° 4	16° 7	26°31	10°50	21° 8	23°10	27°40	27°53	12°59	n.a.	M 6
T 7	16 32 54	7°52'31	3♈23	26°41	19°28	22°46	16° 1	26°32	10°49	21° 7	23°11	27°38	27°50	13° 6	n.a.	T 7
W 8	16 36 50	8°49'39	15°26	28°23	20° 6	23°27	15°54	26°32	10°48	21° 6	23°11	27°33	27°47	13°12	n.a.	W 8
T 9	16 40 47	9°46'47	27°44	0♋ 3	20°41	24° 9	15°48	26°33	10°47	21° 5	23°12	27°26	27°43	13°19	n.a.	T 9
F 10	16 44 43	10°43'56	10♉18	1°41	21°16	24°50	15°41	26°34	10°46	21° 4	23°12	27°17	27°40	13°26	n.a.	F 10
S 11	16 48 40	11°41'06	23°11	3°17	21°49	25°31	15°35	26°34	10°45	21° 3	23°13	27° 5	27°37	13°32	n.a.	S 11
S 12	16 52 36	12°38'17	6♊22	4°52	22°21	26°13	15°29	26°35	10°44	21° 2	23°13	26°53	27°34	13°39	n.a.	S 12
M13	16 56 33	13°35'27	19°50	6°24	22°52	26°54	15°23	26°35	10°44	21° 0	23°13	26°42	27°31	13°46	n.a.	M13
T 14	17 0 30	14°32'39	3♋32	7°54	23°21	27°35	15°17	26°35	10°43	20°59	23°14	26°32	27°28	13°52	n.a.	T 14
W15	17 4 26	15°29'51	17°26	9°22	23°49	28°16	15°11	26°R35	10°42	20°58	23°14	26°25	27°24	13°59	n.a.	W15
T 16	17 8 23	16°27'03	1♌27	10°48	24°15	28°57	15° 6	26°35	10°42	20°57	23°14	26°20	27°21	14° 5	n.a.	T 16
F 17	17 12 19	17°24'16	15°33	12°13	24°40	29°37	15° 0	26°35	10°41	20°55	23°15	26°18	27°18	14°12	n.a.	F 17
S 18	17 16 16	18°21'29	29°41	13°35	25° 2	0♉18	14°55	26°35	10°41	20°54	23°15	26°D18	27°15	14°19	n.a.	S 18
S 19	17 20 12	19°18'43	13♍50	14°54	25°23	0°59	14°50	26°35	10°40	20°53	23°15	26°R18	27°12	14°25	n.a.	S 19
M20	17 24 9	20°15'56	27°58	16°12	25°43	1°39	14°45	26°34	10°40	20°51	23°15	26°18	27° 8	14°32	n.a.	M20
T 21	17 28 5	21°13'11	12♎ 5	17°27	26° 0	2°20	14°40	26°34	10°40	20°50	23°16	26°16	27° 5	14°39	n.a.	T 21
W22	17 32 2	22°10'26	26° 8	18°41	26°16	3° 0	14°35	26°33	10°40	20°49	23°16	26°12	27° 2	14°45	n.a.	W22
T 23	17 35 59	23° 7'41	10♏ 5	19°51	26°29	3°41	14°31	26°32	10°39	20°47	23°16	26° 6	26°59	14°52	n.a.	T 23
F 24	17 39 55	24° 4'57	23°55	21° 0	26°41	4°21	14°26	26°31	10°39	20°46	23°16	25°58	26°56	14°59	n.a.	F 24
S 25	17 43 52	25° 2'14	7♐33	22° 5	26°50	5° 1	14°22	26°31	10°39	20°44	23°16	25°48	26°53	15° 5	n.a.	S 25
S 26	17 47 48	25°59'32	20°58	23° 8	26°57	5°41	14°18	26°29	10°D39	20°43	23°16	25°38	26°49	15°12	n.a.	S 26
M27	17 51 45	26°56'51	4♑ 6	24° 9	27° 2	6°21	14°14	26°28	10°39	20°42	23°17	25°29	26°46	15°19	n.a.	M27
T 28	17 55 41	27°54'11	16°56	25° 6	27° 5	7° 1	14°10	26°27	10°39	20°40	23°17	25°21	26°43	15°25	n.a.	T 28
W29	17 59 38	28°51'32	29°29	26° 1	27°R 6	7°41	14° 7	26°26	10°39	20°39	23°17	25°16	26°40	15°32	n.a.	W29
T 30	18 3 34	29♊48'54	11♒46	26♋52	27♋ 4	8♉21	14♏ 3	26♒24	10♎39	20♑37	23♓17	25♌13	26♌37	15♓39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n53	19s 5	2n59	24n56	1n57	24n32	1n41	6n35	0s52	16s21	0n44	14s45	2s 0	3s50	0n36	22s18	0s14	18s18	17s 1	12n25	12n17	8s10		n.a.
T 2	21 4	17 34	2 3	25 9	1 58	24 21	1 35	6 52	0 51	16 19	0 44	14 45	2 0	3 49	0 36	22 19	0 14	18 18	17 2	12 26	12 18	8 8		n.a.
F 3	21 15	15 18	1 2	25 19	1 58	24 10	1 29	7 8	0 51	16 17	0 44	14 45	2 0	3 49	0 36	22 19	0 15	18 18	17 2	12 26	12 19	8 6		n.a.
S 4	21 26	12 24	0s 1	25 26	1 58	23 59	1 23	7 25	0 50	16 16	0 44	14 45	2 0	3 49	0 36	22 19	0 15	18 18	17 2	12 27	12 20	8 4		n.a.
S 5	21 36	9 2	1 3	25 32	1 56	23 47	1 17	7 41	0 50	16 14	0 43	14 45	2 1	3 48	0 36	22 19	0 15	18 18	17 2	12 27	12 21	8 3		n.a.
M 6	21 46	5 18	2 3	25 35	1 55	23 35	1 10	7 57	0 49	16 12	0 43	14 44	2 1	3 48	0 36	22 19	0 15	18 18	17 3	12 27	12 22	8 1		n.a.
T 7	21 55	1 21	2 57	25 36	1 52	23 22	1 3	8 13	0 49	16 10	0 43	14 44	2 1	3 47	0 36	22 19	0 15	18 19	17 3	12 28	12 24	7 59		n.a.
W 8	22 5	2n43	3 45	25 35	1 49	23 10	0 56	8 29	0 48	16 9	0 43	14 44	2 1	3 47	0 36	22 20	0 15	18 19	17 3	12 29	12 25	7 57		n.a.
T 9	22 13	6 44	4 23	25 32	1 46	22 57	0 48	8 45	0 48	16 7	0 43	14 44	2 2	3 47	0 35	22 20	0 15	18 19	17 4	12 32	12 26	7 55		n.a.
F 10	22 22	10 33	4 49	25 27	1 42	22 44	0 40	9 1	0 47	16 5	0 42	14 44	2 2	3 46	0 35	22 20	0 15	18 19	17 4	12 35	12 27	7 54		n.a.
S 11	22 30	13 58	5 1	25 21	1 37	22 30	0 32	9 17	0 47	16 4	0 42	14 44	2 2	3 46	0 35	22 20	0 15	18 19	17 4	12 39	12 28	7 52		n.a.
S 12	22 37	16 47	4 58	25 13	1 32	22 17	0 24	9 32	0 46	16 2	0 42	14 45	2 3	3 46	0 35	22 20	0 15	18 19	17 5	12 43	12 29	7 50		n.a.
M13	22 45	18 45	4 38	25 3	1 27	22 3	0 15	9 48	0 45	16 0	0 42	14 45	2 3	3 46	0 35	22 21	0 15	18 19	17 5	12 47	12 30	7 48		n.a.
T 14	22 52	19 42	4 2	24 52	1 21	21 49	0 6	10 3	0 45	15 59	0 42	14 45	2 3	3 45	0 35	22 21	0 15	18 19	17 6	12 50	12 31	7 46		n.a.
W15	22 58	19 28	3 11	24 40	1 14	21 35	0s 3	10 19	0 44	15 57	0 41	14 45	2 3	3 45	0 35	22 21	0 15	18 20	17 6	12 53	12 32	7 44		n.a.
T 16	23 4	18 2	2 8	24 26	1 7	21 21	0 12	10 34	0 44	15 56	0 41	14 45	2 4	3 45	0 35	22 21	0 15	18 20	17 6	12 55	12 33	7 43		n.a.
F 17	23 10	15 29	0 57	24 11	1 0	21 7	0 22	10 49	0 43	15 55	0 41	14 46	2 4	3 45	0 35	22 21	0 15	18 20	17 7	12 55	12 35	7 41		n.a.
S 18	23 15	12 1	0n18	23 56	0 52	20 53	0 32	11 4	0 43	15 53	0 41	14 46	2 4	3 45	0 35	22 22	0 15	18 20	17 7	12 55	12 36	7 39		n.a.
S 19	23 20	7 51	1 32	23 39	0 44	20 39	0 43	11 19	0 42	15 52	0 40	14 46	2 4	3 45	0 35	22 22	0 15	18 20	17 7	12 55	12 37	7 37		n.a.
M20	23 24	3 16	2 40	23 21	0 35	20 25	0 54	11 34	0 41	15 51	0 40	14 47	2 5	3 45	0 35	22 22	0 15	18 21	17 8	12 55	12 38	7 35		n.a.
T 21	23 28	1s29	3 39	23 2	0 26	20 11	1 5	11 49	0 41	15 49	0 40	14 47	2 5	3 44	0 35	22 22	0 15	18 21	17 8	12 56	12 39	7 33		n.a.
W22	23 32	6 8	4 24	22 43	0 17	19 57	1 16	12 3	0 40	15 48	0 40	14 48	2 5	3 44	0 35	22 23	0 15	18 21	17 8	12 57	12 40	7 32		n.a.
T 23	23 35	10 25	4 53	22 23	0 7	19 43	1 28	12 18	0 39	15 47	0 40	14 48	2 6	3 44	0 35	22 23	0 15	18 21	17 9	12 59	12 41	7 30		n.a.
F 24	23 38	14 6	5 4	22 3	0s 3	19 29	1 40	12 32	0 39	15 46	0 39	14 49	2 6	3 44	0 35	22 23	0 15	18 22	17 9	13 2	12 42	7 28		n.a.
S 25	23 40	16 58	4 58	21 42	0 14	19 15	1 52	12 46	0 38	15 45	0 39	14 49	2 6	3 44	0 35	22 23	0 15	18 22	17 9	13 6	12 43	7 26		n.a.
S 26	23 42	18 53	4 35	21 21	0 24	19 1	2 4	13 0	0 38	15 44	0 39	14 50	2 6	3 44	0 35	22 24	0 15	18 22	17 10	13 9	12 44	7 24		n.a.
M27	23 44	19 44	3 59	21 0	0 35	18 48	2 17	13 14	0 37	15 43	0 39	14 51	2 7	3 44	0 35	22 24	0 15	18 22	17 10	13 12	12 46	7 22		n.a.
T 28	23 45	19 32	3 10	20 38	0 47	18 35	2 30	13 28	0 36	15 42	0 38	14 51	2 7	3 44	0 35	22 24	0 15	18 23	17 10	13 15	12 47	7 21		n.a.
W29	23 46	18 22	2 14	20 17	0 58	18 21	2 43	13 42	0 36	15 41	0 38	14 52	2 7	3 44	0 35	22 24	0 15	18 23	17 11	13 17	12 48	7 19		n.a.
T 30	23n46	16s21	1n12	19n56	1s10	18n 9	2s57	13n56	0s35	15s40	0n38	14s53	2s 7	3s45	0n35	22s25	0s15	18s23	17s11	13n18	12n49	7s17		n.a.

Julian Day Number = 1492562.5, Delta T = 05h13m29s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'38, Lahiri = -12°36'37 Julian Calendar 1 June 627 BCE == Greg. Calendar 25 May 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

JULY 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 7 31	0♋46'17	23♒50	27♋40	27°R 0	9♉ 0	14°R 0	26°R23	10♎40	20°R36	23°R17	25°D12	26♌34	15♓45	n.a.	F 1
S 2	18 11 28	1°43'42	5♓45	28°25	26♋53	9°40	13♏57	26♒21	10°40	20♑34	23♓17	25♌12	26°30	15°52	n.a.	S 2
S 3	18 15 24	2°41'07	17°34	29° 6	26°45	10°20	13°54	26°19	10°40	20°33	23°17	25°13	26°27	15°59	n.a.	S 3
M 4	18 19 21	3°38'35	29°23	29°44	26°33	10°59	13°51	26°18	10°40	20°31	23°17	25°R14	26°24	16° 5	n.a.	M 4
T 5	18 23 17	4°36'04	11♈18	0♌17	26°20	11°39	13°49	26°16	10°41	20°29	23°16	25°14	26°21	16°12	n.a.	T 5
W 6	18 27 14	5°33'34	23°23	0°47	26° 4	12°18	13°47	26°14	10°41	20°28	23°16	25°12	26°18	16°19	n.a.	W 6
T 7	18 31 10	6°31'06	5♉43	1°12	25°46	12°57	13°44	26°12	10°42	20°26	23°16	25° 9	26°14	16°25	n.a.	T 7
F 8	18 35 7	7°28'39	18°22	1°32	25°25	13°36	13°42	26° 9	10°42	20°25	23°16	25° 3	26°11	16°32	n.a.	F 8
S 9	18 39 3	8°26'14	1♊23	1°48	25° 3	14°15	13°41	26° 7	10°43	20°23	23°16	24°56	26° 8	16°39	n.a.	S 9
S 10	18 43 0	9°23'51	14°47	1°59	24°38	14°54	13°39	26° 5	10°44	20°22	23°16	24°49	26° 5	16°45	n.a.	S 10
M11	18 46 57	10°21'29	28°32	2° 4	24°12	15°33	13°37	26° 2	10°45	20°20	23°16	24°42	26° 2	16°52	n.a.	M11
T 12	18 50 53	11°19'08	12♋35	2°R 4	23°43	16°12	13°36	26° 0	10°45	20°18	23°15	24°35	25°59	16°58	n.a.	T 12
W13	18 54 50	12°16'49	26°53	1°59	23°13	16°51	13°35	25°57	10°46	20°17	23°15	24°31	25°55	17° 5	n.a.	W13
T 14	18 58 46	13°14'32	11♌20	1°48	22°41	17°29	13°34	25°54	10°47	20°15	23°15	24°28	25°52	17°12	n.a.	T 14
F 15	19 2 43	14°12'15	25°50	1°32	22° 8	18° 8	13°34	25°52	10°48	20°13	23°14	24°D28	25°49	17°18	n.a.	F 15
S 16	19 6 39	15°10'00	10♍18	1°10	21°34	18°46	13°33	25°49	10°49	20°12	23°14	24°28	25°46	17°25	n.a.	S 16
S 17	19 10 36	16° 7'46	24°41	0°42	20°59	19°24	13°33	25°46	10°50	20°10	23°14	24°30	25°43	17°32	n.a.	S 17
M18	19 14 32	17° 5'33	8♎55	0° 9	20°23	20° 3	13°D33	25°43	10°51	20° 9	23°13	24°31	25°40	17°38	n.a.	M18
T 19	19 18 29	18° 3'22	22°58	29♋31	19°46	20°41	13°33	25°39	10°52	20° 7	23°13	24°R31	25°36	17°45	n.a.	T 19
W20	19 22 26	19° 1'12	6♏51	28°48	19° 9	21°19	13°33	25°36	10°53	20° 5	23°13	24°30	25°33	17°52	n.a.	W20
T 21	19 26 22	19°59'03	20°30	28° 1	18°32	21°57	13°33	25°33	10°55	20° 4	23°12	24°27	25°30	17°58	n.a.	T 21
F 22	19 30 19	20°56'55	3♐58	27°11	17°55	22°35	13°34	25°29	10°56	20° 2	23°12	24°23	25°27	18° 5	n.a.	F 22
S 23	19 34 15	21°54'50	17°12	26°18	17°19	23°12	13°35	25°26	10°57	20° 0	23°11	24°18	25°24	18°12	n.a.	S 23
S 24	19 38 12	22°52'45	0♑12	25°23	16°43	23°50	13°36	25°22	10°59	19°59	23°11	24°12	25°20	18°18	n.a.	S 24
M25	19 42 8	23°50'43	12°59	24°28	16° 8	24°28	13°37	25°19	11° 0	19°57	23°10	24° 8	25°17	18°25	n.a.	M25
T 26	19 46 5	24°48'42	25°32	23°33	15°34	25° 5	13°38	25°15	11° 2	19°55	23°10	24° 4	25°14	18°32	n.a.	T 26
W27	19 50 1	25°46'42	7♒52	22°41	15° 1	25°42	13°40	25°11	11° 3	19°54	23° 9	24° 1	25°11	18°38	n.a.	W27
T 28	19 53 58	26°44'45	20° 0	21°51	14°30	26°20	13°42	25° 8	11° 5	19°52	23° 9	24°D 0	25° 8	18°45	n.a.	T 28
F 29	19 57 55	27°42'49	1♓59	21° 5	14° 1	26°57	13°44	25° 4	11° 6	19°51	23° 8	24° 0	25° 5	18°52	n.a.	F 29
S 30	20 1 51	28°40'55	13°51	20°24	13°33	27°34	13°46	25° 0	11° 8	19°49	23° 8	24° 2	25° 1	18°58	n.a.	S 30
S 31	20 5 48	29♋39'04	25♓39	19♋49	13♋ 8	28♉11	13♏48	24♒56	11♎10	19♑47	23♓ 7	24♌ 3	24♌58	19♓ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n46	13s39	0n 7	19n35	1s22	17n56	3s10	14n 9	0s34	15s40	0n38	14s53	2s 8	3s45	0n35	22s25	0s15	18s24	17s11	13n18	12n50	7s15		n.a.
S 2	23 45	10 24	0s57	19 14	1 34	17 44	3 24	14 23	0 34	15 39	0 38	14 54	2 8	3 45	0 35	22 25	0 15	18 24	17 12	13 18	12 51	7 13		n.a.
S 3	23 44	6 47	1 58	18 53	1 46	17 32	3 38	14 36	0 33	15 38	0 37	14 55	2 8	3 45	0 35	22 25	0 15	18 24	17 12	13 17	12 52	7 11		n.a.
M 4	23 43	2 54	2 54	18 33	1 58	17 20	3 52	14 49	0 32	15 38	0 37	14 56	2 8	3 45	0 35	22 26	0 15	18 25	17 12	13 17	12 53	7 10		n.a.
T 5	23 41	1n 7	3 43	18 14	2 11	17 9	4 6	15 2	0 32	15 37	0 37	14 57	2 9	3 45	0 35	22 26	0 15	18 25	17 13	13 17	12 54	7 8		n.a.
W 6	23 39	5 9	4 23	17 56	2 23	16 58	4 20	15 15	0 31	15 37	0 37	14 58	2 9	3 46	0 34	22 26	0 15	18 25	17 13	13 18	12 55	7 6		n.a.
T 7	23 36	9 2	4 51	17 38	2 36	16 48	4 34	15 28	0 30	15 36	0 36	14 59	2 9	3 46	0 34	22 26	0 15	18 26	17 13	13 19	12 57	7 4		n.a.
F 8	23 33	12 38	5 6	17 22	2 48	16 38	4 48	15 40	0 29	15 36	0 36	15 0	2 9	3 46	0 34	22 27	0 15	18 26	17 14	13 21	12 58	7 2		n.a.
S 9	23 30	15 43	5 7	17 7	3 0	16 28	5 1	15 53	0 29	15 35	0 36	15 1	2 10	3 46	0 34	22 27	0 15	18 26	17 14	13 23	12 59	7 0		n.a.
S 10	23 26	18 5	4 50	16 53	3 12	16 19	5 15	16 5	0 28	15 35	0 36	15 2	2 10	3 47	0 34	22 27	0 15	18 27	17 14	13 26	13 0	6 58		n.a.
M11	23 21	19 29	4 17	16 40	3 23	16 11	5 28	16 17	0 27	15 35	0 35	15 3	2 10	3 47	0 34	22 27	0 15	18 27	17 15	13 28	13 1	6 56		n.a.
T 12	23 17	19 43	3 27	16 29	3 34	16 3	5 41	16 29	0 27	15 35	0 35	15 4	2 10	3 47	0 34	22 28	0 15	18 28	17 15	13 30	13 2	6 55		n.a.
W13	23 12	18 43	2 24	16 20	3 45	15 55	5 54	16 41	0 26	15 35	0 35	15 5	2 11	3 48	0 34	22 28	0 15	18 28	17 15	13 32	13 3	6 53		n.a.
T 14	23 6	16 29	1 11	16 13	3 55	15 49	6 6	16 53	0 25	15 35	0 35	15 6	2 11	3 48	0 34	22 28	0 15	18 28	17 16	13 33	13 4	6 51		n.a.
F 15	23 0	13 12	0n 7	16 8	4 4	15 42	6 18	17 5	0 24	15 35	0 35	15 8	2 11	3 49	0 34	22 28	0 15	18 29	17 16	13 33	13 5	6 49		n.a.
S 16	22 54	9 7	1 25	16 5	4 12	15 36	6 29	17 16	0 24	15 35	0 34	15 9	2 11	3 49	0 34	22 29	0 15	18 29	17 16	13 33	13 6	6 47		n.a.
S 17	22 47	4 32	2 37	16 4	4 19	15 31	6 40	17 27	0 23	15 35	0 34	15 10	2 12	3 49	0 34	22 29	0 15	18 30	17 17	13 32	13 7	6 45		n.a.
M18	22 40	0s14	3 39	16 5	4 24	15 27	6 50	17 39	0 22	15 35	0 34	15 11	2 12	3 50	0 34	22 29	0 15	18 30	17 17	13 32	13 9	6 43		n.a.
T 19	22 32	4 56	4 26	16 9	4 29	15 23	6 59	17 50	0 21	15 35	0 34	15 13	2 12	3 50	0 34	22 29	0 15	18 31	17 17	13 32	13 10	6 41		n.a.
W20	22 24	9 18	4 57	16 15	4 32	15 19	7 8	18 0	0 21	15 36	0 33	15 14	2 12	3 51	0 34	22 30	0 15	18 31	17 18	13 32	13 11	6 40		n.a.
T 21	22 15	13 7	5 11	16 23	4 33	15 16	7 16	18 11	0 20	15 36	0 33	15 15	2 12	3 51	0 34	22 30	0 15	18 31	17 18	13 33	13 12	6 38		n.a.
F 22	22 7	16 12	5 8	16 34	4 32	15 14	7 23	18 22	0 19	15 36	0 33	15 17	2 13	3 52	0 34	22 30	0 15	18 32	17 18	13 35	13 13	6 36		n.a.
S 23	21 57	18 22	4 48	16 46	4 30	15 13	7 29	18 32	0 18	15 37	0 33	15 18	2 13	3 53	0 34	22 30	0 15	18 32	17 19	13 36	13 14	6 34		n.a.
S 24	21 48	19 33	4 13	17 1	4 25	15 12	7 34	18 43	0 17	15 37	0 32	15 19	2 13	3 53	0 34	22 31	0 15	18 33	17 19	13 38	13 15	6 32		n.a.
M25	21 38	19 42	3 26	17 17	4 19	15 11	7 39	18 53	0 17	15 38	0 32	15 21	2 13	3 54	0 34	22 31	0 15	18 33	17 19	13 40	13 16	6 30		n.a.
T 26	21 28	18 52	2 30	17 34	4 10	15 11	7 42	19 3	0 16	15 38	0 32	15 22	2 13	3 54	0 34	22 31	0 15	18 34	17 20	13 41	13 17	6 28		n.a.
W27	21 17	17 9	1 28	17 53	4 0	15 12	7 45	19 13	0 15	15 39	0 32	15 24	2 14	3 55	0 34	22 31	0 15	18 34	17 20	13 42	13 18	6 26		n.a.
T 28	21 6	14 40	0 22	18 13	3 48	15 13	7 47	19 22	0 14	15 40	0 32	15 25	2 14	3 56	0 34	22 32	0 15	18 35	17 20	13 42	13 19	6 24		n.a.
F 29	20 54	11 36	0s44	18 33	3 35	15 15	7 49	19 32	0 13	15 41	0 31	15 27	2 14	3 56	0 34	22 32	0 15	18 35	17 21	13 42	13 20	6 22		n.a.
S 30	20 42	8 5	1 47	18 54	3 20	15 17	7 49	19 41	0 12	15 42	0 31	15 28	2 14	3 57	0 34	22 32	0 15	18 36	17 21	13 42	13 22	6 21		n.a.
S 31	20n30	4s17	2s46	19n15	3s 4	15n20	7s49	19n50	0s12	15s42	0n31	15s30	2s14	3s58	0n34	22s32	0s15	18s36	17s21	13n41	13n23	6s19		n.a.

Julian Day Number = 1492592.5, Delta T = 05h13m27s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'34, Lahiri = -12°36'33 Julian Calendar 1 July 627 BCE == Greg. Calendar 24 June 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

AUGUST 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 9 44	0♌37'14	7♈28	19°R21	12°R44	28♉48	13♏50	24°R52	11♎12	19°R46	23°R 6	24♌ 5	24♌55	19♓12	n.a.	M 1
T 2	20 13 41	1°35'27	19°22	19♋ 1	12♋23	29°24	13°53	24♒48	11°13	19♑44	23♓ 6	24° 6	24°52	19°18	n.a.	T 2
W 3	20 17 37	2°33'41	1♉26	18°49	12° 3	0♊ 1	13°56	24°44	11°15	19°43	23° 5	24°R 7	24°49	19°25	n.a.	W 3
T 4	20 21 34	3°31'58	13°45	18°D45	11°47	0°38	13°59	24°39	11°17	19°41	23° 5	24° 6	24°46	19°32	n.a.	T 4
F 5	20 25 30	4°30'17	26°23	18°50	11°32	1°14	14° 2	24°35	11°19	19°39	23° 4	24° 5	24°42	19°38	n.a.	F 5
S 6	20 29 27	5°28'38	9♊24	19° 4	11°20	1°50	14° 6	24°31	11°21	19°38	23° 3	24° 3	24°39	19°45	n.a.	S 6
S 7	20 33 24	6°27'02	22°49	19°27	11°10	2°27	14° 9	24°27	11°23	19°36	23° 2	24° 1	24°36	19°52	n.a.	S 7
M 8	20 37 20	7°25'28	6♋41	19°59	11° 3	3° 3	14°13	24°22	11°25	19°35	23° 2	23°58	24°33	19°58	n.a.	M 8
T 9	20 41 17	8°23'56	20°56	20°40	10°58	3°39	14°17	24°18	11°27	19°33	23° 1	23°56	24°30	20° 5	n.a.	T 9
W10	20 45 13	9°22'26	5♌31	21°28	10°56	4°15	14°21	24°13	11°30	19°32	23° 0	23°55	24°26	20°12	n.a.	W10
T 11	20 49 10	10°20'58	20°19	22°24	10°D56	4°50	14°25	24° 9	11°32	19°30	22°59	23°D55	24°23	20°18	n.a.	T 11
F 12	20 53 6	11°19'32	5♍13	23°28	10°58	5°26	14°29	24° 4	11°34	19°29	22°59	23°55	24°20	20°25	n.a.	F 12
S 13	20 57 3	12°18'08	20° 6	24°38	11° 2	6° 1	14°34	24° 0	11°36	19°27	22°58	23°55	24°17	20°32	n.a.	S 13
S 14	21 0 59	13°16'45	4♎50	25°55	11° 9	6°37	14°39	23°55	11°39	19°26	22°57	23°56	24°14	20°38	n.a.	S 14
M15	21 4 56	14°15'25	19°19	27°17	11°18	7°12	14°44	23°50	11°41	19°24	22°56	23°57	24°11	20°45	n.a.	M15
T 16	21 8 53	15°14'06	3♏31	28°44	11°29	7°47	14°49	23°46	11°44	19°23	22°55	23°58	24° 7	20°52	n.a.	T 16
W17	21 12 49	16°12'49	17°23	0♌16	11°42	8°22	14°54	23°41	11°46	19°21	22°54	23°R58	24° 4	20°58	n.a.	W17
T 18	21 16 46	17°11'34	0♐56	1°51	11°57	8°57	14°59	23°36	11°49	19°20	22°53	23°58	24° 1	21° 5	n.a.	T 18
F 19	21 20 42	18°10'21	14° 9	3°30	12°14	9°32	15° 5	23°32	11°51	19°19	22°53	23°57	23°58	21°12	n.a.	F 19
S 20	21 24 39	19° 9'09	27° 5	5°11	12°33	10° 6	15°11	23°27	11°54	19°17	22°52	23°57	23°55	21°18	n.a.	S 20
S 21	21 28 35	20° 8'00	9♑46	6°55	12°54	10°41	15°17	23°22	11°56	19°16	22°51	23°56	23°52	21°25	n.a.	S 21
M22	21 32 32	21° 6'52	22°14	8°40	13°17	11°15	15°23	23°18	11°59	19°14	22°50	23°56	23°48	21°32	n.a.	M22
T 23	21 36 28	22° 5'47	4♒30	10°27	13°42	11°49	15°29	23°13	12° 2	19°13	22°49	23°55	23°45	21°38	n.a.	T 23
W24	21 40 25	23° 4'43	16°36	12°15	14° 8	12°23	15°35	23° 8	12° 5	19°12	22°48	23°55	23°42	21°45	n.a.	W24
T 25	21 44 21	24° 3'42	28°35	14° 4	14°36	12°57	15°42	23° 3	12° 7	19°11	22°47	23°55	23°39	21°51	n.a.	T 25
F 26	21 48 18	25° 2'43	10♓28	15°52	15° 5	13°31	15°49	22°59	12°10	19° 9	22°46	23°55	23°36	21°58	n.a.	F 26
S 27	21 52 15	26° 1'46	22°18	17°42	15°36	14° 5	15°55	22°54	12°13	19° 8	22°45	23°55	23°32	22° 5	n.a.	S 27
S 28	21 56 11	27° 0'51	4♈ 6	19°31	16° 8	14°38	16° 2	22°49	12°16	19° 7	22°44	23°55	23°29	22°11	n.a.	S 28
M29	22 0 8	27°59'58	15°56	21°20	16°42	15°12	16° 9	22°45	12°19	19° 6	22°43	23°54	23°26	22°18	n.a.	M29
T 30	22 4 4	28°59'08	27°51	23° 8	17°17	15°45	16°17	22°40	12°22	19° 5	22°42	23°54	23°23	22°25	n.a.	T 30
W31	22 8 1	29♌58'20	9♉55	24♌57	17♋54	16♊18	16♏24	22♒35	12♎25	19♑ 3	22♓41	23♌53	23♌20	22♓31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20n18	0s19	3s37	19n36	2s47	15n23	7s48	20n 0	0s11	15s43	0n31	15s31	2s15	3s58	0n34	22s33	0s15	18s37	17s21	13n41	13n24	6s17			n.a.
T 2	20 5	3n41	4 20	19 56	2 30	15 27	7 46	20 8	0 10	15 44	0 30	15 33	2 15	3 59	0 33	22 33	0 15	18 37	17 22	13 40	13 25	6 15			n.a.
W 3	19 51	7 35	4 52	20 15	2 11	15 31	7 43	20 17	0 9	15 46	0 30	15 34	2 15	4 0	0 33	22 33	0 15	18 38	17 22	13 40	13 26	6 13			n.a.
T 4	19 38	11 14	5 11	20 34	1 53	15 36	7 40	20 26	0 8	15 47	0 30	15 36	2 15	4 1	0 33	22 33	0 15	18 38	17 22	13 40	13 27	6 11			n.a.
F 5	19 24	14 30	5 16	20 52	1 35	15 40	7 37	20 34	0 7	15 48	0 30	15 38	2 15	4 2	0 33	22 34	0 15	18 39	17 22	13 41	13 28	6 9			n.a.
S 6	19 10	17 9	5 5	21 8	1 17	15 46	7 33	20 43	0 6	15 49	0 30	15 39	2 15	4 2	0 33	22 34	0 15	18 39	17 23	13 41	13 29	6 7			n.a.
S 7	18 55	18 58	4 37	21 22	0 59	15 51	7 28	20 51	0 5	15 50	0 29	15 41	2 15	4 3	0 33	22 34	0 15	18 40	17 23	13 42	13 30	6 5			n.a.
M 8	18 40	19 43	3 53	21 35	0 41	15 57	7 23	20 59	0 5	15 52	0 29	15 42	2 16	4 4	0 33	22 34	0 15	18 40	17 23	13 43	13 31	6 3			n.a.
T 9	18 25	19 16	2 53	21 45	0 25	16 3	7 17	21 7	0 4	15 53	0 29	15 44	2 16	4 5	0 33	22 35	0 16	18 41	17 23	13 43	13 32	6 1			n.a.
W10	18 9	17 32	1 40	21 53	0 9	16 9	7 11	21 14	0 3	15 54	0 29	15 46	2 16	4 6	0 33	22 35	0 16	18 41	17 24	13 44	13 33	5 59			n.a.
T 11	17 53	14 36	0 20	21 59	0n 6	16 15	7 5	21 22	0 2	15 56	0 29	15 47	2 16	4 7	0 33	22 35	0 16	18 42	17 24	13 44	13 34	5 58			n.a.
F 12	17 37	10 41	1n 2	22 2	0 21	16 21	6 59	21 29	0 1	15 57	0 28	15 49	2 16	4 8	0 33	22 35	0 16	18 43	17 24	13 44	13 35	5 56			n.a.
S 13	17 21	6 7	2 20	22 3	0 34	16 28	6 52	21 37	0n 0	15 59	0 28	15 51	2 16	4 9	0 33	22 36	0 16	18 43	17 24	13 44	13 37	5 54			n.a.
S 14	17 4	1 14	3 28	22 0	0 46	16 34	6 45	21 44	0 1	16 1	0 28	15 52	2 16	4 10	0 33	22 36	0 16	18 44	17 25	13 43	13 38	5 52			n.a.
M15	16 47	3s38	4 22	21 55	0 57	16 41	6 37	21 51	0 2	16 2	0 28	15 54	2 16	4 11	0 33	22 36	0 16	18 44	17 25	13 43	13 39	5 50			n.a.
T 16	16 29	8 12	4 58	21 47	1 7	16 48	6 30	21 57	0 3	16 4	0 27	15 56	2 17	4 12	0 33	22 36	0 16	18 45	17 25	13 43	13 40	5 48			n.a.
W17	16 12	12 13	5 15	21 36	1 16	16 54	6 22	22 4	0 4	16 6	0 27	15 57	2 17	4 13	0 33	22 36	0 16	18 45	17 25	13 43	13 41	5 46			n.a.
T 18	15 54	15 29	5 15	21 23	1 24	17 1	6 14	22 11	0 5	16 8	0 27	15 59	2 17	4 14	0 33	22 37	0 16	18 46	17 26	13 43	13 42	5 44			n.a.
F 19	15 36	17 53	4 58	21 6	1 30	17 8	6 6	22 17	0 6	16 9	0 27	16 1	2 17	4 15	0 33	22 37	0 16	18 46	17 26	13 43	13 43	5 42			n.a.
S 20	15 17	19 18	4 26	20 47	1 36	17 14	5 58	22 23	0 7	16 11	0 27	16 2	2 17	4 16	0 33	22 37	0 16	18 47	17 26	13 43	13 44	5 40			n.a.
S 21	14 58	19 43	3 42	20 25	1 41	17 20	5 49	22 29	0 8	16 13	0 26	16 4	2 17	4 17	0 33	22 37	0 16	18 47	17 26	13 44	13 45	5 38			n.a.
M22	14 39	19 9	2 47	20 1	1 45	17 27	5 41	22 35	0 9	16 15	0 26	16 6	2 17	4 18	0 33	22 37	0 16	18 48	17 26	13 44	13 46	5 36			n.a.
T 23	14 20	17 41	1 46	19 35	1 48	17 33	5 32	22 41	0 10	16 17	0 26	16 7	2 17	4 19	0 33	22 38	0 16	18 49	17 26	13 44	13 47	5 34			n.a.
W24	14 1	15 26	0 41	19 7	1 50	17 38	5 24	22 46	0 11	16 19	0 26	16 9	2 17	4 20	0 33	22 38	0 16	18 49	17 27	13 44	13 48	5 32			n.a.
T 25	13 41	12 32	0s26	18 36	1 51	17 44	5 15	22 52	0 12	16 21	0 26	16 10	2 17	4 21	0 33	22 38	0 16	18 50	17 27	13 44	13 49	5 30			n.a.
F 26	13 21	9 8	1 31	18 4	1 52	17 49	5 7	22 57	0 13	16 23	0 25	16 12	2 17	4 22	0 33	22 38	0 16	18 50	17 27	13 44	13 50	5 28			n.a.
S 27	13 1	5 25	2 31	17 31	1 52	17 55	4 58	23 2	0 14	16 26	0 25	16 14	2 17	4 24	0 33	22 38	0 16	18 51	17 27	13 44	13 51	5 26			n.a.
S 28	12 41	1 29	3 25	16 55	1 51	17 59	4 49	23 7	0 15	16 28	0 25	16 15	2 17	4 25	0 33	22 39	0 16	18 51	17 27	13 44	13 53	5 24			n.a.
M29	12 20	2n30	4 11	16 19	1 50	18 4	4 41	23 12	0 16	16 30	0 25	16 17	2 17	4 26	0 33	22 39	0 16	18 52	17 27	13 44	13 54	5 23			n.a.
T 30	11 59	6 25	4 45	15 41	1 48	18 8	4 32	23 17	0 17	16 32	0 25	16 19	2 17	4 27	0 33	22 39	0 16	18 52	17 28	13 44	13 55	5 21			n.a.
W31	11n38	10n 7	5s 8	15n 2	1n45	18n12	4s24	23n21	0n18	16s35	0n25	16s20	2s17	4s28	0n33	22s39	0s16	18s53	17s28	13n45	13n56	5s19			n.a.

Julian Day Number = 1492623.5, Delta T = 05h13m26s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'30, Lahiri = -12°36'29 Julian Calendar 1 Aug. 627 BCE == Greg. Calendar 25 July 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

SEPTEMBER 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 11 57	0♍57'35	22♉11	26♌45	18♋32	16♊51	16♏32	22°R31	12♎28	19°R 2	22°R40	23°R53	23♌17	22♓38	n.a.	T 1
F 2	22 15 54	1°56'52	4♊45	28°32	19°11	17°23	16°39	22♒26	12°31	19♑ 1	22♓39	23°D53	23°13	22°45	n.a.	F 2
S 3	22 19 50	2°56'12	17°40	0♍18	19°51	17°56	16°47	22°21	12°34	19° 0	22°38	23♌53	23°10	22°51	n.a.	S 3
S 4	22 23 47	3°55'34	0♋59	2° 4	20°32	18°28	16°55	22°17	12°37	18°59	22°36	23°54	23° 7	22°58	n.a.	S 4
M 5	22 27 43	4°54'59	14°45	3°50	21°15	19° 1	17° 3	22°12	12°40	18°58	22°35	23°55	23° 4	23° 5	n.a.	M 5
T 6	22 31 40	5°54'26	28°57	5°34	21°58	19°33	17°11	22° 8	12°43	18°57	22°34	23°56	23° 1	23°11	n.a.	T 6
W 7	22 35 37	6°53'56	13♌35	7°18	22°43	20° 5	17°20	22° 3	12°47	18°56	22°33	23°56	22°57	23°18	n.a.	W 7
T 8	22 39 33	7°53'27	28°31	9° 1	23°28	20°36	17°28	21°59	12°50	18°55	22°32	23°R56	22°54	23°25	n.a.	T 8
F 9	22 43 30	8°53'01	13♍41	10°44	24°14	21° 8	17°37	21°54	12°53	18°54	22°31	23°56	22°51	23°31	n.a.	F 9
S 10	22 47 26	9°52'37	28°52	12°25	25° 2	21°39	17°46	21°50	12°56	18°53	22°30	23°54	22°48	23°38	n.a.	S 10
S 11	22 51 23	10°52'15	13♎57	14° 6	25°50	22°10	17°54	21°45	13° 0	18°52	22°29	23°52	22°45	23°45	n.a.	S 11
M12	22 55 19	11°51'55	28°46	15°47	26°39	22°41	18° 3	21°41	13° 3	18°52	22°28	23°50	22°42	23°51	n.a.	M12
T 13	22 59 16	12°51'37	13♏13	17°26	27°29	23°12	18°13	21°37	13° 6	18°51	22°27	23°48	22°38	23°58	n.a.	T 13
W14	23 3 12	13°51'20	27°15	19° 5	28°19	23°43	18°22	21°33	13°10	18°50	22°25	23°46	22°35	24° 5	n.a.	W14
T 15	23 7 9	14°51'06	10♐50	20°43	29°11	24°13	18°31	21°29	13°13	18°49	22°24	23°D45	22°32	24°11	n.a.	T 15
F 16	23 11 6	15°50'53	24° 0	22°21	0♑ 3	24°43	18°41	21°24	13°16	18°48	22°23	23°46	22°29	24°18	n.a.	F 16
S 17	23 15 2	16°50'43	6♑48	23°58	0°55	25°13	18°50	21°20	13°20	18°48	22°22	23°47	22°26	24°25	n.a.	S 17
S 18	23 18 59	17°50'34	19°18	25°34	1°49	25°43	19° 0	21°16	13°23	18°47	22°21	23°48	22°23	24°31	n.a.	S 18
M19	23 22 55	18°50'27	1♒32	27°10	2°43	26°13	19°10	21°13	13°27	18°47	22°20	23°50	22°19	24°38	n.a.	M19
T 20	23 26 52	19°50'21	13°36	28°45	3°38	26°42	19°20	21° 9	13°30	18°46	22°19	23°51	22°16	24°45	n.a.	T 20
W21	23 30 48	20°50'18	25°32	0♎20	4°33	27°11	19°30	21° 5	13°34	18°45	22°17	23°R52	22°13	24°51	n.a.	W21
T 22	23 34 45	21°50'17	7♓24	1°54	5°29	27°40	19°40	21° 1	13°37	18°45	22°16	23°51	22°10	24°58	n.a.	T 22
F 23	23 38 41	22°50'17	19°13	3°27	6°26	28° 9	19°50	20°58	13°41	18°44	22°15	23°48	22° 7	25° 5	n.a.	F 23
S 24	23 42 38	23°50'19	1♈ 2	5° 0	7°23	28°37	20° 0	20°54	13°45	18°44	22°14	23°45	22° 3	25°11	n.a.	S 24
S 25	23 46 34	24°50'24	12°53	6°33	8°20	29° 5	20°11	20°50	13°48	18°43	22°13	23°39	22° 0	25°18	n.a.	S 25
M26	23 50 31	25°50'30	24°47	8° 5	9°18	29°33	20°21	20°47	13°52	18°43	22°12	23°34	21°57	25°25	n.a.	M26
T 27	23 54 28	26°50'39	6♉48	9°36	10°17	0♋ 1	20°32	20°44	13°55	18°43	22°11	23°27	21°54	25°31	n.a.	T 27
W28	23 58 24	27°50'50	18°56	11° 7	11°16	0°28	20°43	20°40	13°59	18°42	22° 9	23°22	21°51	25°38	n.a.	W28
T 29	0 2 21	28°51'03	1♊15	12°38	12°16	0°56	20°54	20°37	14° 3	18°42	22° 8	23°17	21°48	25°45	n.a.	T 29
F 30	0 6 17	29♍51'18	13♊47	14♎ 8	13♌16	1♋23	21♏ 5	20♒34	14♎ 6	18♑42	22♓ 7	23♌14	21♌44	25♓51	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n17	13n27	5s17	14n22	1n42	18n16	4s15	23n26	0n20	16s37	0n24	16s22	2s17	4s29	0n33	22s39	0s16	18s53	17s28	13n45	13n57	5s17		n.a.
F 2	10 56	16 16	5 12	13 41	1 39	18 19	4 6	23 30	0 21	16 40	0 24	16 23	2 17	4 31	0 33	22 39	0 16	18 54	17 28	13 45	13 58	5 15		n.a.
S 3	10 34	18 22	4 51	13 0	1 35	18 21	3 58	23 34	0 22	16 42	0 24	16 25	2 18	4 32	0 33	22 40	0 16	18 55	17 28	13 45	13 59	5 13		n.a.
S 4	10 12	19 32	4 14	12 18	1 31	18 24	3 49	23 38	0 23	16 44	0 24	16 26	2 18	4 33	0 33	22 40	0 16	18 55	17 28	13 44	14 0	5 11		n.a.
M 5	9 50	19 37	3 21	11 35	1 27	18 26	3 41	23 42	0 24	16 47	0 24	16 28	2 18	4 34	0 32	22 40	0 16	18 56	17 28	13 44	14 1	5 9		n.a.
T 6	9 28	18 28	2 14	10 52	1 22	18 27	3 32	23 46	0 25	16 49	0 23	16 29	2 18	4 36	0 32	22 40	0 16	18 56	17 28	13 44	14 2	5 7		n.a.
W 7	9 6	16 4	0 57	10 8	1 17	18 28	3 24	23 50	0 26	16 52	0 23	16 31	2 18	4 37	0 32	22 40	0 16	18 57	17 29	13 43	14 3	5 5		n.a.
T 8	8 44	12 33	0n25	9 24	1 12	18 29	3 16	23 53	0 28	16 55	0 23	16 32	2 17	4 38	0 32	22 40	0 16	18 57	17 29	13 43	14 4	5 3		n.a.
F 9	8 21	8 9	1 47	8 40	1 7	18 29	3 8	23 57	0 29	16 57	0 23	16 34	2 17	4 40	0 32	22 40	0 16	18 58	17 29	13 44	14 5	5 1		n.a.
S 10	7 58	3 13	3 2	7 56	1 1	18 29	2 59	24 0	0 30	17 0	0 23	16 35	2 17	4 41	0 32	22 41	0 16	18 58	17 29	13 44	14 6	4 59		n.a.
S 11	7 35	1s51	4 3	7 11	0 55	18 28	2 51	24 3	0 31	17 3	0 23	16 37	2 17	4 42	0 32	22 41	0 16	18 59	17 29	13 45	14 7	4 57		n.a.
M12	7 12	6 44	4 46	6 26	0 49	18 27	2 43	24 6	0 32	17 5	0 22	16 38	2 17	4 44	0 32	22 41	0 16	18 59	17 29	13 46	14 8	4 55		n.a.
T 13	6 49	11 5	5 11	5 41	0 43	18 25	2 35	24 9	0 34	17 8	0 22	16 39	2 17	4 45	0 32	22 41	0 16	19 0	17 29	13 46	14 9	4 53		n.a.
W14	6 26	14 42	5 15	4 57	0 37	18 22	2 28	24 12	0 35	17 11	0 22	16 41	2 17	4 46	0 32	22 41	0 16	19 0	17 29	13 47	14 10	4 51		n.a.
T 15	6 3	17 24	5 2	4 12	0 31	18 19	2 20	24 15	0 36	17 14	0 22	16 42	2 17	4 48	0 32	22 41	0 16	19 1	17 29	13 47	14 12	4 49		n.a.
F 16	5 39	19 5	4 33	3 27	0 24	18 16	2 12	24 17	0 37	17 16	0 22	16 43	2 17	4 49	0 32	22 41	0 16	19 1	17 29	13 47	14 13	4 47		n.a.
S 17	5 16	19 45	3 51	2 42	0 18	18 12	2 5	24 19	0 39	17 19	0 22	16 45	2 17	4 50	0 32	22 41	0 16	19 2	17 29	13 47	14 14	4 45		n.a.
S 18	4 52	19 24	2 59	1 57	0 11	18 8	1 57	24 22	0 40	17 22	0 21	16 46	2 17	4 52	0 32	22 42	0 16	19 2	17 29	13 46	14 15	4 43		n.a.
M19	4 28	18 9	2 0	1 13	0 4	18 3	1 50	24 24	0 41	17 25	0 21	16 47	2 17	4 53	0 32	22 42	0 16	19 3	17 29	13 46	14 16	4 41		n.a.
T 20	4 5	16 4	0 56	0 28	0s 2	17 57	1 42	24 26	0 43	17 28	0 21	16 48	2 17	4 54	0 32	22 42	0 16	19 3	17 29	13 45	14 17	4 39		n.a.
W21	3 41	13 20	0s 9	0s16	0 9	17 51	1 35	24 28	0 44	17 31	0 21	16 49	2 17	4 56	0 32	22 42	0 16	19 4	17 29	13 45	14 18	4 37		n.a.
T 22	3 17	10 3	1 14	1 0	0 16	17 44	1 28	24 30	0 45	17 34	0 21	16 51	2 17	4 57	0 32	22 42	0 16	19 4	17 29	13 45	14 19	4 35		n.a.
F 23	2 53	6 23	2 15	1 44	0 22	17 37	1 21	24 32	0 47	17 37	0 21	16 52	2 17	4 59	0 32	22 42	0 16	19 5	17 29	13 46	14 20	4 33		n.a.
S 24	2 29	2 29	3 10	2 28	0 29	17 29	1 14	24 34	0 48	17 40	0 20	16 53	2 17	5 0	0 32	22 42	0 16	19 5	17 29	13 47	14 21	4 31		n.a.
S 25	2 5	1n32	3 57	3 11	0 36	17 21	1 7	24 35	0 49	17 43	0 20	16 54	2 17	5 2	0 32	22 42	0 16	19 5	17 29	13 49	14 22	4 29		n.a.
M26	1 40	5 30	4 34	3 54	0 43	17 12	1 0	24 37	0 51	17 46	0 20	16 55	2 16	5 3	0 32	22 42	0 16	19 6	17 29	13 51	14 23	4 27		n.a.
T 27	1 16	9 16	4 59	4 36	0 49	17 3	0 54	24 38	0 52	17 49	0 20	16 56	2 16	5 4	0 32	22 42	0 16	19 6	17 29	13 53	14 24	4 25		n.a.
W28	0 52	12 43	5 11	5 19	0 56	16 53	0 47	24 40	0 54	17 52	0 20	16 57	2 16	5 6	0 32	22 42	0 16	19 7	17 29	13 55	14 25	4 23		n.a.
T 29	0 28	15 39	5 9	6 0	1 2	16 42	0 41	24 41	0 55	17 55	0 20	16 58	2 16	5 7	0 32	22 42	0 16	19 7	17 29	13 57	14 26	4 21		n.a.
F 30	0n 3	17n56	4s52	6s42	1s 9	16n31	0s34	24n42	0n57	17s58	0n19	16s59	2s16	5s 9	0n32	22s42	0s16	19s 8	17s29	13n58	14n27	4s19		n.a.

Julian Day Number = 1492654.5, Delta T = 05h13m24s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'25, Lahiri = -12°36'25 Julian Calendar 1 Sept. 627 BCE == Greg. Calendar 25 Aug. 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

OCTOBER 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 10 14	0♎51'35	26♊37	15♎37	14♌17	1♋49	21♏16	20°R31	14♎10	18°R41	22°R 6	23°D13	21♌41	25♓58	n.a.	S 1
S 2	0 14 10	1°51'55	9♋48	17° 6	15°18	2°16	21°27	20♒28	14°14	18♑41	22♓ 5	23♌13	21°38	26° 5	n.a.	S 2
M 3	0 18 7	2°52'17	23°22	18°35	16°19	2°42	21°38	20°25	14°17	18°41	22° 4	23°14	21°35	26°11	n.a.	M 3
T 4	0 22 3	3°52'41	7♌21	20° 3	17°21	3° 8	21°49	20°22	14°21	18°41	22° 3	23°16	21°32	26°18	n.a.	T 4
W 5	0 26 0	4°53'06	21°47	21°30	18°23	3°33	22° 1	20°20	14°25	18°41	22° 1	23°R16	21°28	26°25	n.a.	W 5
T 6	0 29 57	5°53'34	6♍35	22°57	19°26	3°58	22°12	20°17	14°28	18°41	22° 0	23°16	21°25	26°31	n.a.	T 6
F 7	0 33 53	6°54'04	21°41	24°24	20°29	4°23	22°24	20°15	14°32	18°41	21°59	23°13	21°22	26°38	n.a.	F 7
S 8	0 37 50	7°54'36	6♎56	25°49	21°32	4°48	22°36	20°12	14°36	18°D41	21°58	23° 8	21°19	26°45	n.a.	S 8
S 9	0 41 46	8°55'09	22°10	27°14	22°36	5°12	22°47	20°10	14°40	18°41	21°57	23° 2	21°16	26°51	n.a.	S 9
M10	0 45 43	9°55'44	7♏12	28°39	23°40	5°36	22°59	20° 8	14°43	18°41	21°56	22°54	21°13	26°58	n.a.	M10
T 11	0 49 39	10°56'21	21°53	0♏ 2	24°44	6° 0	23°11	20° 6	14°47	18°41	21°55	22°47	21° 9	27° 5	n.a.	T 11
W12	0 53 36	11°56'59	6♐ 7	1°25	25°49	6°23	23°23	20° 4	14°51	18°41	21°54	22°40	21° 6	27°12	n.a.	W12
T 13	0 57 32	12°57'38	19°52	2°46	26°54	6°46	23°35	20° 2	14°55	18°41	21°53	22°36	21° 3	27°18	n.a.	T 13
F 14	1 1 29	13°58'19	3♑ 7	4° 7	27°59	7° 9	23°47	20° 0	14°58	18°41	21°52	22°33	21° 0	27°25	n.a.	F 14
S 15	1 5 26	14°59'01	15°56	5°26	29° 4	7°31	23°59	19°58	15° 2	18°42	21°51	22°D32	20°57	27°32	n.a.	S 15
S 16	1 9 22	15°59'44	28°23	6°44	0♍10	7°53	24°12	19°57	15° 6	18°42	21°50	22°33	20°54	27°38	n.a.	S 16
M17	1 13 19	17° 0'29	10♒33	8° 0	1°16	8°15	24°24	19°55	15°10	18°42	21°49	22°34	20°50	27°45	n.a.	M17
T 18	1 17 15	18° 1'14	22°31	9°15	2°23	8°36	24°36	19°54	15°13	18°42	21°48	22°R35	20°47	27°52	n.a.	T 18
W19	1 21 12	19° 2'01	4♓22	10°27	3°29	8°56	24°49	19°53	15°17	18°43	21°47	22°34	20°44	27°58	n.a.	W19
T 20	1 25 8	20° 2'49	16° 9	11°37	4°36	9°17	25° 1	19°51	15°21	18°43	21°46	22°31	20°41	28° 5	n.a.	T 20
F 21	1 29 5	21° 3'39	27°58	12°45	5°43	9°37	25°14	19°50	15°25	18°44	21°45	22°25	20°38	28°12	n.a.	F 21
S 22	1 33 1	22° 4'29	9♈49	13°50	6°50	9°56	25°27	19°49	15°28	18°44	21°44	22°17	20°34	28°18	n.a.	S 22
S 23	1 36 58	23° 5'21	21°46	14°51	7°58	10°15	25°39	19°48	15°32	18°45	21°43	22° 6	20°31	28°25	n.a.	S 23
M24	1 40 54	24° 6'15	3♉49	15°48	9° 6	10°34	25°52	19°48	15°36	18°45	21°42	21°54	20°28	28°32	n.a.	M24
T 25	1 44 51	25° 7'09	16° 0	16°41	10°14	10°52	26° 5	19°47	15°39	18°46	21°41	21°42	20°25	28°38	n.a.	T 25
W26	1 48 48	26° 8'05	28°19	17°29	11°22	11°10	26°18	19°47	15°43	18°46	21°40	21°30	20°22	28°45	n.a.	W26
T 27	1 52 44	27° 9'02	10♊48	18°12	12°30	11°28	26°31	19°46	15°47	18°47	21°39	21°20	20°19	28°52	n.a.	T 27
F 28	1 56 41	28°10'01	23°29	18°48	13°39	11°44	26°44	19°46	15°51	18°48	21°38	21°12	20°15	28°58	n.a.	F 28
S 29	2 0 37	29°11'01	6♋22	19°17	14°48	12° 1	26°57	19°46	15°54	18°48	21°37	21° 7	20°12	29° 5	n.a.	S 29
S 30	2 4 34	0♏12'03	19°30	19°38	15°57	12°17	27°10	19°D45	15°58	18°49	21°36	21° 5	20° 9	29°12	n.a.	S 30
M31	2 8 30	1♏13'05	2♌57	19♏50	17♍ 6	12♋32	27♏23	19♒45	16♎ 2	18♑50	21♓35	21°D 4	20♌ 6	29♓18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s21	19n23	4s20	7s23	1s15	16n19	0s28	24n43	0n58	18s 1	0n19	17s 0	2s16	5s10	0n32	22s42	0s16	19s 8	17s29	13n58	14n28	4s17		n.a.
S 2	0 45	19 50	3 35	8 3	1 21	16 7	0 22	24 44	1 0	18 4	0 19	17 0	2 16	5 12	0 32	22 42	0 16	19 8	17 29	13 58	14 29	4 15		n.a.
M 3	1 9	19 10	2 35	8 43	1 27	15 54	0 16	24 46	1 1	18 7	0 19	17 1	2 16	5 13	0 32	22 42	0 16	19 9	17 29	13 58	14 30	4 13		n.a.
T 4	1 34	17 19	1 25	9 23	1 33	15 41	0 10	24 46	1 3	18 10	0 19	17 2	2 16	5 15	0 32	22 42	0 16	19 9	17 29	13 57	14 31	4 11		n.a.
W 5	1 58	14 19	0 8	10 1	1 39	15 27	0 5	24 47	1 4	18 13	0 19	17 3	2 15	5 16	0 32	22 42	0 16	19 9	17 29	13 57	14 32	4 9		n.a.
T 6	2 22	10 19	1n12	10 40	1 45	15 13	0n 1	24 48	1 6	18 16	0 19	17 3	2 15	5 17	0 32	22 43	0 16	19 10	17 28	13 57	14 33	4 7		n.a.
F 7	2 47	5 36	2 28	11 17	1 50	14 58	0 7	24 49	1 7	18 20	0 18	17 4	2 15	5 19	0 32	22 43	0 16	19 10	17 28	13 58	14 34	4 5		n.a.
S 8	3 11	0 29	3 34	11 54	1 55	14 43	0 12	24 50	1 9	18 23	0 18	17 5	2 15	5 20	0 32	22 43	0 16	19 10	17 28	14 0	14 35	4 3		n.a.
S 9	3 35	4s39	4 25	12 30	2 0	14 27	0 17	24 50	1 11	18 26	0 18	17 5	2 15	5 22	0 32	22 43	0 16	19 11	17 28	14 2	14 36	4 1		n.a.
M10	3 59	9 26	4 57	13 5	2 5	14 10	0 23	24 51	1 12	18 29	0 18	17 6	2 15	5 23	0 32	22 43	0 16	19 11	17 28	14 4	14 38	3 59		n.a.
T 11	4 23	13 32	5 8	13 39	2 10	13 53	0 28	24 52	1 14	18 32	0 18	17 7	2 15	5 25	0 32	22 43	0 16	19 11	17 28	14 7	14 39	3 57		n.a.
W12	4 47	16 42	5 0	14 13	2 14	13 36	0 33	24 52	1 16	18 35	0 18	17 7	2 14	5 26	0 32	22 42	0 16	19 12	17 28	14 9	14 40	3 55		n.a.
T 13	5 11	18 49	4 34	14 45	2 18	13 18	0 37	24 53	1 17	18 39	0 18	17 8	2 14	5 28	0 32	22 42	0 16	19 12	17 28	14 10	14 41	3 53		n.a.
F 14	5 35	19 49	3 55	15 17	2 21	13 0	0 42	24 53	1 19	18 42	0 17	17 8	2 14	5 29	0 32	22 42	0 16	19 12	17 27	14 11	14 42	3 51		n.a.
S 15	5 59	19 45	3 4	15 47	2 25	12 41	0 47	24 54	1 21	18 45	0 17	17 8	2 14	5 31	0 32	22 42	0 16	19 13	17 27	14 11	14 43	3 48		n.a.
S 16	6 23	18 42	2 7	16 16	2 27	12 22	0 51	24 54	1 22	18 48	0 17	17 9	2 14	5 32	0 32	22 42	0 16	19 13	17 27	14 11	14 44	3 46		n.a.
M17	6 46	16 48	1 4	16 44	2 30	12 2	0 56	24 55	1 24	18 51	0 17	17 9	2 14	5 34	0 32	22 42	0 16	19 13	17 27	14 11	14 45	3 44		n.a.
T 18	7 10	14 12	0 0	17 10	2 32	11 42	1 0	24 55	1 26	18 55	0 17	17 9	2 14	5 35	0 32	22 42	0 16	19 13	17 27	14 11	14 46	3 42		n.a.
W19	7 33	11 1	1s 3	17 35	2 33	11 21	1 4	24 55	1 28	18 58	0 17	17 10	2 13	5 37	0 32	22 42	0 16	19 14	17 27	14 11	14 47	3 40		n.a.
T 20	7 56	7 25	2 3	17 58	2 34	11 0	1 8	24 56	1 30	19 1	0 17	17 10	2 13	5 38	0 32	22 42	0 16	19 14	17 26	14 12	14 48	3 38		n.a.
F 21	8 20	3 32	2 58	18 19	2 34	10 39	1 12	24 56	1 32	19 4	0 17	17 10	2 13	5 40	0 32	22 42	0 16	19 14	17 26	14 14	14 49	3 36		n.a.
S 22	8 43	0n30	3 45	18 39	2 33	10 17	1 15	24 57	1 33	19 7	0 16	17 10	2 13	5 41	0 32	22 42	0 16	19 14	17 26	14 17	14 50	3 34		n.a.
S 23	9 6	4 33	4 22	18 56	2 32	9 55	1 19	24 57	1 35	19 10	0 16	17 10	2 13	5 42	0 32	22 42	0 16	19 15	17 26	14 20	14 51	3 32		n.a.
M24	9 28	8 27	4 48	19 11	2 30	9 32	1 22	24 57	1 37	19 14	0 16	17 10	2 13	5 44	0 32	22 42	0 16	19 15	17 26	14 24	14 52	3 30		n.a.
T 25	9 51	12 3	5 1	19 24	2 27	9 10	1 26	24 58	1 39	19 17	0 16	17 10	2 12	5 45	0 32	22 42	0 16	19 15	17 25	14 28	14 53	3 28		n.a.
W26	10 14	15 10	5 1	19 34	2 23	8 46	1 29	24 58	1 41	19 20	0 16	17 10	2 12	5 47	0 32	22 42	0 16	19 15	17 25	14 32	14 54	3 26		n.a.
T 27	10 36	17 39	4 46	19 41	2 18	8 23	1 32	24 59	1 43	19 23	0 16	17 10	2 12	5 48	0 32	22 42	0 16	19 15	17 25	14 35	14 55	3 24		n.a.
F 28	10 58	19 20	4 17	19 45	2 11	7 59	1 35	24 59	1 45	19 26	0 16	17 10	2 12	5 50	0 32	22 42	0 16	19 15	17 25	14 38	14 56	3 22		n.a.
S 29	11 20	20 3	3 34	19 46	2 4	7 34	1 38	25 0	1 47	19 30	0 15	17 10	2 12	5 51	0 32	22 41	0 16	19 16	17 24	14 39	14 57	3 20		n.a.
S 30	11 42	19 42	2 39	19 43	1 55	7 10	1 41	25 0	1 49	19 33	0 15	17 10	2 12	5 53	0 32	22 41	0 16	19 16	17 24	14 40	14 58	3 18		n.a.
M31	12s 3	18n14	1s35	19s37	1s44	6n45	1n44	25n 1	1n51	19s36	0n15	17s10	2s11	5s54	0n32	22s41	0s16	19s16	17s24	14n40	14n59	3s16		n.a.

Julian Day Number = 1492684.5, Delta T = 05h13m23s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'21, Lahiri = -12°36'21 Julian Calendar 1 Oct. 627 BCE == Greg. Calendar 24 Sept. 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

NOVEMBER 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 12 27	2♏14'09	16♌43	19°R52	18♍15	12♋47	27♏36	19♒46	16♎ 5	18♑51	21°R35	21°R 5	20♌ 3	29♓25	n.a.	T 1
W 2	2 16 23	3°15'15	0♍52	19♏45	19°25	13° 1	27°49	19°46	16° 9	18°52	21♓34	21♌ 4	20° 0	29°32	n.a.	W 2
T 3	2 20 20	4°16'21	15°21	19°26	20°34	13°15	28° 3	19°46	16°12	18°53	21°33	21° 2	19°56	29°38	n.a.	T 3
F 4	2 24 17	5°17'29	0♎ 8	18°56	21°44	13°28	28°16	19°47	16°16	18°53	21°32	20°58	19°53	29°45	n.a.	F 4
S 5	2 28 13	6°18'38	15° 8	18°15	22°54	13°41	28°29	19°47	16°20	18°54	21°31	20°50	19°50	29°52	n.a.	S 5
S 6	2 32 10	7°19'48	0♏12	17°23	24° 4	13°53	28°43	19°48	16°23	18°55	21°31	20°40	19°47	29°58	n.a.	S 6
M 7	2 36 6	8°20'59	15° 9	16°20	25°15	14° 5	28°56	19°49	16°27	18°56	21°30	20°28	19°44	0♈ 5	n.a.	M 7
T 8	2 40 3	9°22'10	29°51	15°10	26°25	14°16	29°10	19°50	16°30	18°57	21°29	20°16	19°40	0°12	n.a.	T 8
W 9	2 43 59	10°23'22	14♐10	13°52	27°36	14°26	29°23	19°51	16°34	18°58	21°28	20° 6	19°37	0°18	n.a.	W 9
T 10	2 47 56	11°24'35	28° 1	12°31	28°46	14°36	29°37	19°52	16°37	19° 0	21°28	19°57	19°34	0°25	n.a.	T 10
F 11	2 51 53	12°25'48	11♑23	11° 8	29°57	14°45	29°50	19°53	16°41	19° 1	21°27	19°51	19°31	0°32	n.a.	F 11
S 12	2 55 49	13°27'02	24°18	9°46	1♎ 8	14°53	0♐ 4	19°54	16°44	19° 2	21°26	19°48	19°28	0°38	n.a.	S 12
S 13	2 59 46	14°28'15	6♒48	8°29	2°19	15° 1	0°18	19°56	16°48	19° 3	21°26	19°47	19°25	0°45	n.a.	S 13
M14	3 3 42	15°29'29	19° 0	7°18	3°30	15° 8	0°31	19°57	16°51	19° 4	21°25	19°47	19°21	0°52	n.a.	M14
T 15	3 7 39	16°30'43	0♓58	6°16	4°42	15°15	0°45	19°59	16°55	19° 6	21°25	19°46	19°18	0°59	n.a.	T 15
W16	3 11 35	17°31'58	12°48	5°23	5°53	15°21	0°59	20° 1	16°58	19° 7	21°24	19°45	19°15	1° 5	n.a.	W16
T 17	3 15 32	18°33'12	24°36	4°40	7° 4	15°26	1°13	20° 3	17° 1	19° 8	21°23	19°41	19°12	1°12	n.a.	T 17
F 18	3 19 28	19°34'27	6♈25	4° 9	8°16	15°30	1°26	20° 5	17° 5	19° 9	21°23	19°34	19° 9	1°19	n.a.	F 18
S 19	3 23 25	20°35'42	18°20	3°49	9°28	15°34	1°40	20° 7	17° 8	19°11	21°22	19°24	19° 5	1°25	n.a.	S 19
S 20	3 27 22	21°36'57	0♉24	3°39	10°39	15°37	1°54	20° 9	17°11	19°12	21°22	19°12	19° 2	1°32	n.a.	S 20
M21	3 31 18	22°38'12	12°37	3°D38	11°51	15°39	2° 8	20°11	17°14	19°14	21°21	18°58	18°59	1°39	n.a.	M21
T 22	3 35 15	23°39'27	25° 2	3°48	13° 3	15°41	2°22	20°14	17°18	19°15	21°21	18°44	18°56	1°45	n.a.	T 22
W23	3 39 11	24°40'43	7♊38	4° 5	14°15	15°R41	2°36	20°16	17°21	19°17	21°20	18°30	18°53	1°52	n.a.	W23
T 24	3 43 8	25°41'59	20°25	4°31	15°27	15°41	2°49	20°19	17°24	19°18	21°20	18°17	18°50	1°59	n.a.	T 24
F 25	3 47 4	26°43'15	3♋23	5° 3	16°40	15°41	3° 3	20°21	17°27	19°20	21°20	18° 8	18°46	2° 5	n.a.	F 25
S 26	3 51 1	27°44'31	16°31	5°42	17°52	15°39	3°17	20°24	17°30	19°21	21°19	18° 2	18°43	2°12	n.a.	S 26
S 27	3 54 57	28°45'48	29°51	6°26	19° 4	15°37	3°31	20°27	17°33	19°23	21°19	17°58	18°40	2°19	n.a.	S 27
M28	3 58 54	29°47'05	13♌22	7°15	20°17	15°33	3°45	20°30	17°36	19°24	21°19	17°D57	18°37	2°25	n.a.	M28
T 29	4 2 51	0♐48'22	27° 6	8° 9	21°29	15°29	3°59	20°33	17°39	19°26	21°18	17°R57	18°34	2°32	n.a.	T 29
W30	4 6 47	1♐49'39	11♍ 4	9♏ 6	22♎42	15♋25	4♐13	20♒37	17♎42	19♑28	21♓18	17♌57	18♌31	2♈39	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s25	15n40	0s23	19s26	1s33	6n20	1n46	25n 2	1n54	19s39	0n15	17s10	2s11	5s55	0n32	22s41	0s16	19s16	17s24	14n40	15n 0	3s14		n.a.
W 2	12 46	12 7	0n52	19 11	1 19	5 54	1 48	25 2	1 56	19 42	0 15	17 10	2 11	5 57	0 32	22 41	0 16	19 16	17 24	14 40	15 1	3 12		n.a.
T 3	13 7	7 46	2 5	18 51	1 4	5 29	1 51	25 3	1 58	19 45	0 15	17 9	2 11	5 58	0 32	22 41	0 16	19 16	17 23	14 41	15 2	3 9		n.a.
F 4	13 28	2 52	3 11	18 27	0 48	5 3	1 53	25 4	2 0	19 48	0 15	17 9	2 11	6 0	0 32	22 41	0 16	19 16	17 23	14 42	15 3	3 7		n.a.
S 5	13 48	2s17	4 5	17 58	0 30	4 37	1 55	25 5	2 2	19 52	0 15	17 9	2 10	6 1	0 32	22 41	0 16	19 16	17 23	14 45	15 4	3 5		n.a.
S 6	14 9	7 18	4 42	17 25	0 11	4 10	1 57	25 6	2 5	19 55	0 14	17 8	2 10	6 2	0 32	22 41	0 16	19 16	17 22	14 48	15 5	3 3		n.a.
M 7	14 29	11 50	5 0	16 48	0n 9	3 43	1 59	25 7	2 7	19 58	0 14	17 8	2 10	6 4	0 32	22 40	0 16	19 16	17 22	14 52	15 6	3 1		n.a.
T 8	14 49	15 34	4 57	16 8	0 30	3 17	2 0	25 8	2 9	20 1	0 14	17 7	2 10	6 5	0 32	22 40	0 16	19 16	17 22	14 56	15 7	2 59		n.a.
W 9	15 8	18 16	4 35	15 25	0 50	2 50	2 2	25 9	2 11	20 4	0 14	17 7	2 10	6 7	0 32	22 40	0 16	19 17	17 22	14 59	15 8	2 57		n.a.
T 10	15 28	19 47	3 58	14 41	1 10	2 23	2 3	25 10	2 14	20 7	0 14	17 6	2 10	6 8	0 32	22 40	0 16	19 17	17 21	15 2	15 9	2 55		n.a.
F 11	15 47	20 9	3 8	13 57	1 29	1 55	2 5	25 12	2 16	20 10	0 14	17 6	2 9	6 9	0 32	22 40	0 16	19 17	17 21	15 4	15 10	2 53		n.a.
S 12	16 6	19 25	2 11	13 15	1 47	1 28	2 6	25 13	2 18	20 13	0 14	17 5	2 9	6 11	0 32	22 40	0 16	19 17	17 21	15 5	15 11	2 51		n.a.
S 13	16 24	17 44	1 8	12 35	2 3	1 0	2 7	25 15	2 21	20 16	0 14	17 4	2 9	6 12	0 32	22 39	0 16	19 17	17 20	15 5	15 12	2 49		n.a.
M14	16 42	15 16	0 4	11 59	2 17	0 32	2 8	25 16	2 23	20 19	0 14	17 4	2 9	6 13	0 32	22 39	0 16	19 16	17 20	15 5	15 13	2 47		n.a.
T 15	17 0	12 12	0s59	11 27	2 29	0 5	2 9	25 18	2 26	20 22	0 13	17 3	2 9	6 15	0 32	22 39	0 16	19 16	17 20	15 5	15 14	2 45		n.a.
W16	17 18	8 40	1 59	11 1	2 38	0s23	2 10	25 20	2 28	20 25	0 13	17 2	2 8	6 16	0 32	22 39	0 16	19 16	17 19	15 6	15 15	2 42		n.a.
T 17	17 35	4 49	2 53	10 40	2 45	0 51	2 10	25 21	2 31	20 28	0 13	17 2	2 8	6 17	0 32	22 39	0 16	19 16	17 19	15 7	15 16	2 40		n.a.
F 18	17 52	0 47	3 40	10 24	2 51	1 19	2 11	25 23	2 33	20 31	0 13	17 1	2 8	6 18	0 32	22 39	0 16	19 16	17 19	15 9	15 17	2 38		n.a.
S 19	18 9	3n19	4 18	10 14	2 54	1 48	2 11	25 26	2 36	20 34	0 13	17 0	2 8	6 20	0 32	22 38	0 16	19 16	17 19	15 12	15 18	2 36		n.a.
S 20	18 25	7 20	4 44	10 10	2 55	2 16	2 11	25 28	2 38	20 37	0 13	16 59	2 8	6 21	0 32	22 38	0 16	19 16	17 18	15 16	15 19	2 34		n.a.
M21	18 41	11 7	4 58	10 10	2 55	2 44	2 12	25 30	2 41	20 40	0 13	16 58	2 8	6 22	0 32	22 38	0 16	19 16	17 18	15 21	15 20	2 32		n.a.
T 22	18 57	14 28	4 58	10 14	2 54	3 12	2 12	25 32	2 44	20 43	0 13	16 57	2 7	6 23	0 32	22 38	0 16	19 16	17 18	15 25	15 21	2 30		n.a.
W23	19 12	17 13	4 43	10 23	2 51	3 40	2 12	25 35	2 46	20 46	0 13	16 56	2 7	6 25	0 32	22 38	0 16	19 16	17 17	15 30	15 22	2 28		n.a.
T 24	19 27	19 11	4 15	10 35	2 47	4 9	2 12	25 37	2 49	20 48	0 12	16 55	2 7	6 26	0 32	22 37	0 16	19 16	17 17	15 33	15 23	2 26		n.a.
F 25	19 41	20 11	3 32	10 50	2 43	4 37	2 12	25 40	2 51	20 51	0 12	16 54	2 7	6 27	0 32	22 37	0 16	19 15	17 17	15 36	15 24	2 24		n.a.
S 26	19 56	20 7	2 38	11 8	2 38	5 5	2 11	25 43	2 54	20 54	0 12	16 53	2 7	6 28	0 32	22 37	0 16	19 15	17 16	15 38	15 25	2 22		n.a.
S 27	20 10	18 56	1 34	11 28	2 32	5 33	2 11	25 46	2 57	20 57	0 12	16 52	2 6	6 29	0 32	22 37	0 16	19 15	17 16	15 39	15 26	2 19		n.a.
M28	20 23	16 39	0 24	11 50	2 25	6 1	2 10	25 49	2 59	21 0	0 12	16 51	2 6	6 31	0 32	22 36	0 16	19 15	17 15	15 40	15 27	2 17		n.a.
T 29	20 36	13 24	0n48	12 14	2 19	6 29	2 10	25 52	3 2	21 2	0 12	16 50	2 6	6 32	0 32	22 36	0 16	19 15	17 15	15 40	15 28	2 15		n.a.
W30	20s49	9n21	1n59	12s39	2n11	6s57	2n 9	25n55	3n 5	21s 5	0n12	16s48	2s 6	6s33	0n32	22s36	0s16	19s15	17s15	15n40	15n29	2s13		n.a.

Julian Day Number = 1492715.5, Delta T = 05h13m22s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'17, Lahiri = -12°36'17 Julian Calendar 1 Nov. 627 BCE == Greg. Calendar 25 Oct. 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 627 BCE
geocentric

DECEMBER 627 BCE (-626) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 10 44	2♐50'56	25♍16	10♏ 7	23♎55	15°R19	4♐27	20♒40	17♎45	19♑29	21°R18	17°R55	18♌27	2♈45	n.a.	T 1
F 2	4 14 40	3°52'13	9♎41	11°11	25° 7	15♋13	4°41	20°43	17°48	19°31	21♓17	17♌51	18°24	2°52	n.a.	F 2
S 3	4 18 37	4°53'31	24°15	12°18	26°20	15° 5	4°55	20°47	17°51	19°33	21°17	17°44	18°21	2°59	n.a.	S 3
S 4	4 22 33	5°54'48	8♏53	13°27	27°33	14°57	5° 9	20°50	17°54	19°35	21°17	17°35	18°18	3° 5	n.a.	S 4
M 5	4 26 30	6°56'05	23°29	14°39	28°46	14°49	5°23	20°54	17°57	19°36	21°17	17°23	18°15	3°12	n.a.	M 5
T 6	4 30 26	7°57'22	7♐54	15°52	29°59	14°39	5°37	20°58	17°59	19°38	21°17	17°12	18°11	3°19	n.a.	T 6
W 7	4 34 23	8°58'39	22° 2	17° 7	1♏12	14°28	5°51	21° 2	18° 2	19°40	21°17	17° 1	18° 8	3°26	n.a.	W 7
T 8	4 38 20	9°59'55	5♑48	18°24	2°25	14°17	6° 5	21° 6	18° 5	19°42	21°16	16°52	18° 5	3°32	n.a.	T 8
F 9	4 42 16	11° 1'11	19° 9	19°42	3°38	14° 5	6°19	21°10	18° 7	19°44	21°16	16°46	18° 2	3°39	n.a.	F 9
S 10	4 46 13	12° 2'26	2♒ 5	21° 1	4°51	13°52	6°33	21°14	18°10	19°46	21°16	16°43	17°59	3°46	n.a.	S 10
S 11	4 50 9	13° 3'40	14°39	22°22	6° 4	13°38	6°47	21°18	18°13	19°47	21°16	16°D42	17°56	3°52	n.a.	S 11
M12	4 54 6	14° 4'53	26°54	23°44	7°18	13°24	7° 0	21°23	18°15	19°49	21°16	16°42	17°52	3°59	n.a.	M12
T 13	4 58 2	15° 6'05	8♓55	25° 6	8°31	13° 9	7°14	21°27	18°18	19°51	21°D16	16°43	17°49	4° 6	n.a.	T 13
W14	5 1 59	16° 7'17	20°47	26°30	9°44	12°53	7°28	21°31	18°20	19°53	21°16	16°R43	17°46	4°12	n.a.	W14
T 15	5 5 56	17° 8'27	2♈37	27°55	10°57	12°36	7°42	21°36	18°22	19°55	21°16	16°41	17°43	4°19	n.a.	T 15
F 16	5 9 52	18° 9'36	14°28	29°20	12°11	12°19	7°56	21°41	18°25	19°57	21°16	16°38	17°40	4°26	n.a.	F 16
S 17	5 13 49	19°10'44	26°26	0♐46	13°24	12° 1	8°10	21°46	18°27	19°59	21°16	16°32	17°37	4°32	n.a.	S 17
S 18	5 17 45	20°11'52	8♉34	2°13	14°38	11°43	8°24	21°50	18°29	20° 1	21°17	16°23	17°33	4°39	n.a.	S 18
M19	5 21 42	21°12'58	20°56	3°41	15°51	11°23	8°38	21°55	18°32	20° 3	21°17	16°13	17°30	4°46	n.a.	M19
T 20	5 25 38	22°14'03	3♊33	5°10	17° 4	11° 4	8°51	22° 0	18°34	20° 5	21°17	16° 3	17°27	4°52	n.a.	T 20
W21	5 29 35	23°15'08	16°26	6°39	18°18	10°43	9° 5	22° 5	18°36	20° 7	21°17	15°53	17°24	4°59	n.a.	W21
T 22	5 33 31	24°16'11	29°33	8° 8	19°32	10°23	9°19	22°10	18°38	20° 9	21°17	15°44	17°21	5° 6	n.a.	T 22
F 23	5 37 28	25°17'13	12♋54	9°39	20°45	10° 1	9°33	22°16	18°40	20°12	21°17	15°38	17°17	5°13	n.a.	F 23
S 24	5 41 25	26°18'15	26°27	11°10	21°59	9°39	9°46	22°21	18°42	20°14	21°18	15°33	17°14	5°19	n.a.	S 24
S 25	5 45 21	27°19'15	10♌ 9	12°42	23°12	9°17	10° 0	22°26	18°44	20°16	21°18	15°D32	17°11	5°26	n.a.	S 25
M26	5 49 18	28°20'15	23°59	14°14	24°26	8°55	10°14	22°32	18°46	20°18	21°18	15°32	17° 8	5°33	n.a.	M26
T 27	5 53 14	29°21'13	7♍56	15°48	25°40	8°32	10°27	22°37	18°48	20°20	21°19	15°33	17° 5	5°39	n.a.	T 27
W28	5 57 11	0♑22'11	21°59	17°21	26°53	8° 9	10°41	22°43	18°49	20°22	21°19	15°34	17° 2	5°46	n.a.	W28
T 29	6 1 7	1°23'08	6♎ 6	18°56	28° 7	7°45	10°54	22°49	18°51	20°24	21°19	15°R34	16°58	5°53	n.a.	T 29
F 30	6 5 4	2°24'03	20°17	20°31	29°21	7°21	11° 8	22°54	18°53	20°27	21°20	15°33	16°55	5°59	n.a.	F 30
S 31	6 9 0	3♑24'58	4♏29	22♐ 7	0♐34	6♋58	11♐21	23♒ 0	18♎54	20♑29	21♓20	15♌29	16♌52	6♈ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21s 1	4n43	3n 4	13s 6	2n 4	7s25	2n 8	25n59	3n 7	21s 8	0n12	16s47	2s 6	6s34	0n32	22s36	0s16	19s14	17s14	15n40	15n30	2s11			n.a.
F 2	21 13	0s15	3 58	13 33	1 56	7 53	2 8	26 2	3 10	21 11	0 12	16 46	2 6	6 35	0 32	22 36	0 16	19 14	17 14	15 41	15 31	2 9			n.a.
S 3	21 24	5 14	4 37	14 1	1 49	8 20	2 7	26 5	3 13	21 13	0 12	16 45	2 5	6 36	0 32	22 35	0 16	19 14	17 14	15 44	15 32	2 7			n.a.
S 4	21 35	9 57	4 58	14 30	1 41	8 48	2 6	26 9	3 15	21 16	0 11	16 43	2 5	6 37	0 32	22 35	0 16	19 14	17 13	15 47	15 33	2 5			n.a.
M 5	21 46	14 3	5 0	14 59	1 32	9 15	2 4	26 13	3 18	21 19	0 11	16 42	2 5	6 38	0 32	22 35	0 16	19 13	17 13	15 50	15 34	2 3			n.a.
T 6	21 56	17 17	4 43	15 28	1 24	9 42	2 3	26 16	3 21	21 21	0 11	16 40	2 5	6 39	0 32	22 35	0 16	19 13	17 13	15 54	15 35	2 0			n.a.
W 7	22 6	19 24	4 8	15 58	1 16	10 9	2 2	26 20	3 23	21 24	0 11	16 39	2 5	6 40	0 32	22 34	0 16	19 13	17 12	15 57	15 36	1 58			n.a.
T 8	22 15	20 19	3 20	16 27	1 8	10 36	2 1	26 24	3 26	21 26	0 11	16 38	2 5	6 41	0 32	22 34	0 16	19 13	17 12	16 0	15 37	1 56			n.a.
F 9	22 24	20 3	2 21	16 56	1 0	11 2	1 59	26 28	3 28	21 29	0 11	16 36	2 5	6 42	0 32	22 34	0 16	19 12	17 12	16 1	15 38	1 54			n.a.
S 10	22 33	18 43	1 17	17 26	0 52	11 28	1 58	26 32	3 31	21 31	0 11	16 35	2 4	6 43	0 32	22 33	0 16	19 12	17 11	16 2	15 39	1 52			n.a.
S 11	22 41	16 29	0 11	17 55	0 44	11 54	1 56	26 36	3 33	21 34	0 11	16 33	2 4	6 44	0 32	22 33	0 16	19 12	17 11	16 3	15 40	1 50			n.a.
M12	22 48	13 34	0s54	18 23	0 36	12 20	1 54	26 40	3 36	21 36	0 11	16 32	2 4	6 45	0 32	22 33	0 16	19 11	17 10	16 3	15 41	1 48			n.a.
T 13	22 55	10 7	1 56	18 51	0 28	12 45	1 53	26 44	3 38	21 39	0 10	16 30	2 4	6 46	0 32	22 33	0 16	19 11	17 10	16 2	15 42	1 46			n.a.
W14	23 2	6 19	2 52	19 19	0 20	13 11	1 51	26 48	3 41	21 41	0 10	16 28	2 4	6 47	0 32	22 32	0 16	19 11	17 10	16 2	15 43	1 43			n.a.
T 15	23 8	2 18	3 40	19 46	0 12	13 36	1 49	26 52	3 43	21 44	0 10	16 27	2 4	6 48	0 32	22 32	0 16	19 10	17 9	16 3	15 44	1 41			n.a.
F 16	23 14	1n48	4 19	20 13	0 5	14 0	1 47	26 56	3 45	21 46	0 10	16 25	2 3	6 49	0 32	22 32	0 16	19 10	17 9	16 4	15 45	1 39			n.a.
S 17	23 19	5 53	4 47	20 38	0s 3	14 24	1 45	27 0	3 48	21 48	0 10	16 23	2 3	6 50	0 32	22 31	0 16	19 10	17 9	16 6	15 46	1 37			n.a.
S 18	23 24	9 47	5 2	21 3	0 10	14 48	1 43	27 4	3 50	21 51	0 10	16 22	2 3	6 51	0 32	22 31	0 16	19 9	17 8	16 8	15 47	1 35			n.a.
M19	23 28	13 21	5 4	21 28	0 17	15 12	1 41	27 8	3 52	21 53	0 10	16 20	2 3	6 52	0 32	22 31	0 16	19 9	17 8	16 11	15 48	1 33			n.a.
T 20	23 32	16 23	4 51	21 51	0 24	15 35	1 39	27 11	3 54	21 55	0 10	16 18	2 3	6 52	0 32	22 31	0 16	19 8	17 7	16 15	15 49	1 31			n.a.
W21	23 36	18 42	4 24	22 14	0 31	15 58	1 37	27 15	3 56	21 57	0 10	16 16	2 3	6 53	0 32	22 30	0 16	19 8	17 7	16 18	15 50	1 29			n.a.
T 22	23 39	20 5	3 41	22 35	0 38	16 20	1 34	27 19	3 58	22 0	0 10	16 14	2 3	6 54	0 32	22 30	0 16	19 8	17 7	16 20	15 51	1 26			n.a.
F 23	23 41	20 22	2 46	22 56	0 44	16 43	1 32	27 22	4 0	22 2	0 9	16 13	2 3	6 55	0 32	22 30	0 16	19 7	17 6	16 22	15 52	1 24			n.a.
S 24	23 43	19 30	1 41	23 16	0 51	17 4	1 30	27 26	4 2	22 4	0 9	16 11	2 2	6 55	0 32	22 29	0 16	19 7	17 6	16 24	15 53	1 22			n.a.
S 25	23 44	17 29	0 29	23 34	0 57	17 25	1 27	27 29	4 4	22 6	0 9	16 9	2 2	6 56	0 32	22 29	0 16	19 6	17 6	16 24	15 54	1 20			n.a.
M26	23 45	14 25	0n46	23 52	1 3	17 46	1 25	27 32	4 5	22 8	0 9	16 7	2 2	6 57	0 32	22 29	0 16	19 6	17 5	16 24	15 55	1 18			n.a.
T 27	23 46	10 32	1 58	24 8	1 9	18 6	1 22	27 36	4 7	22 10	0 9	16 5	2 2	6 58	0 33	22 28	0 16	19 5	17 5	16 24	15 56	1 16			n.a.
W28	23 46	6 2	3 4	24 23	1 14	18 26	1 20	27 39	4 8	22 12	0 9	16 3	2 2	6 58	0 33	22 28	0 16	19 5	17 5	16 23	15 57	1 14			n.a.
T 29	23 46	1 12	3 59	24 37	1 19	18 46	1 17	27 41	4 10	22 15	0 9	16 1	2 2	6 59	0 33	22 28	0 16	19 4	17 4	16 23	15 58	1 11			n.a.
F 30	23 45	3s43	4 40	24 49	1 24	19 4	1 15	27 44	4 11	22 17	0 9	15 59	2 2	7 0	0 33	22 27	0 16	19 4	17 4	16 24	15 59	1 9			n.a.
S 31	23s43	8s25	5n 4	25s 1	1s29	19s23	1n12	27n47	4n12	22s19	0n 9	15s57	2s 2	7s 0	0n33	22s27	0s16	19s 3	17s 3	16n25	16n 0	1s 7			n.a.

Julian Day Number = 1492745.5, Delta T = 05h13m20s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'13, Lahiri = -12°36'12 Julian Calendar 1 Dec. 627 BCE == Greg. Calendar 24 Nov. 627 BCE

The year -626 astronomical counting style corresponds to year 627 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

JANUARY 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 12 57	4♑25'52	18♏40	23♐44	1♐48	6°R34	11♐35	23♒ 6	18♎56	20♑31	21♓20	15°R24	16♌49	6♈13	n.a.	S 1
M 2	6 16 54	5°26'45	2♐46	25°21	3° 2	6♋10	11°48	23°12	18°58	20°33	21°21	15♌18	16°46	6°19	n.a.	M 2
T 3	6 20 50	6°27'36	16°42	26°59	4°16	5°46	12° 2	23°18	18°59	20°35	21°21	15°11	16°43	6°26	n.a.	T 3
W 4	6 24 47	7°28'27	0♑26	28°38	5°30	5°21	12°15	23°24	19° 0	20°38	21°22	15° 5	16°39	6°33	n.a.	W 4
T 5	6 28 43	8°29'16	13°53	0♑18	6°43	4°58	12°28	23°30	19° 2	20°40	21°22	15° 0	16°36	6°40	n.a.	T 5
F 6	6 32 40	9°30'03	27° 1	1°58	7°57	4°34	12°42	23°36	19° 3	20°42	21°23	14°57	16°33	6°46	n.a.	F 6
S 7	6 36 36	10°30'49	9♒51	3°40	9°11	4°10	12°55	23°42	19° 4	20°44	21°23	14°D55	16°30	6°53	n.a.	S 7
S 8	6 40 33	11°31'33	22°22	5°22	10°25	3°47	13° 8	23°49	19° 6	20°47	21°24	14°55	16°27	7° 0	n.a.	S 8
M 9	6 44 30	12°32'16	4♓37	7° 4	11°39	3°23	13°21	23°55	19° 7	20°49	21°25	14°57	16°23	7° 6	n.a.	M 9
T 10	6 48 26	13°32'56	16°39	8°48	12°53	3° 0	13°34	24° 2	19° 8	20°51	21°25	14°58	16°20	7°13	n.a.	T 10
W11	6 52 23	14°33'35	28°33	10°33	14° 6	2°38	13°47	24° 8	19° 9	20°53	21°26	15° 0	16°17	7°20	n.a.	W11
T 12	6 56 19	15°34'11	10♈24	12°18	15°20	2°16	14° 0	24°14	19°10	20°56	21°27	15°R 1	16°14	7°26	n.a.	T 12
F 13	7 0 16	16°34'46	22°16	14° 5	16°34	1°54	14°13	24°21	19°11	20°58	21°27	15° 1	16°11	7°33	n.a.	F 13
S 14	7 4 12	17°35'19	4♉14	15°52	17°48	1°33	14°26	24°28	19°12	21° 0	21°28	15° 0	16° 8	7°40	n.a.	S 14
S 15	7 8 9	18°35'50	16°24	17°40	19° 2	1°12	14°39	24°34	19°13	21° 2	21°29	14°57	16° 4	7°46	n.a.	S 15
M16	7 12 5	19°36'19	28°49	19°29	20°16	0°52	14°51	24°41	19°14	21° 5	21°29	14°54	16° 1	7°53	n.a.	M16
T 17	7 16 2	20°36'46	11♊32	21°18	21°30	0°32	15° 4	24°48	19°14	21° 7	21°30	14°50	15°58	8° 0	n.a.	T 17
W18	7 19 59	21°37'11	24°34	23° 9	22°43	0°13	15°17	24°55	19°15	21° 9	21°31	14°46	15°55	8° 7	n.a.	W18
T 19	7 23 55	22°37'35	7♋57	25° 0	23°57	29♊55	15°29	25° 1	19°16	21°12	21°32	14°43	15°52	8°13	n.a.	T 19
F 20	7 27 52	23°37'56	21°39	26°52	25°11	29°37	15°42	25° 8	19°16	21°14	21°32	14°40	15°49	8°20	n.a.	F 20
S 21	7 31 48	24°38'15	5♌37	28°45	26°25	29°20	15°54	25°15	19°17	21°16	21°33	14°39	15°45	8°27	n.a.	S 21
S 22	7 35 45	25°38'33	19°47	0♒38	27°39	29° 3	16° 6	25°22	19°17	21°18	21°34	14°D39	15°42	8°33	n.a.	S 22
M23	7 39 41	26°38'49	4♍ 5	2°32	28°53	28°47	16°19	25°29	19°18	21°21	21°35	14°40	15°39	8°40	n.a.	M23
T 24	7 43 38	27°39'03	18°27	4°26	0♑ 7	28°32	16°31	25°36	19°18	21°23	21°36	14°41	15°36	8°47	n.a.	T 24
W25	7 47 34	28°39'15	2♎49	6°20	1°21	28°18	16°43	25°43	19°18	21°25	21°37	14°42	15°33	8°53	n.a.	W25
T 26	7 51 31	29°39'26	17° 6	8°14	2°35	28° 4	16°55	25°50	19°19	21°27	21°38	14°43	15°29	9° 0	n.a.	T 26
F 27	7 55 28	0♒39'35	1♏17	10° 8	3°49	27°51	17° 7	25°58	19°19	21°30	21°39	14°R43	15°26	9° 7	n.a.	F 27
S 28	7 59 24	1°39'42	15°20	12° 2	5° 2	27°39	17°19	26° 5	19°19	21°32	21°40	14°43	15°23	9°14	n.a.	S 28
S 29	8 3 21	2°39'48	29°12	13°55	6°16	27°28	17°31	26°12	19°19	21°34	21°41	14°42	15°20	9°20	n.a.	S 29
M30	8 7 17	3°39'52	12♐53	15°46	7°30	27°17	17°43	26°19	19°R19	21°36	21°41	14°41	15°17	9°27	n.a.	M30
T 31	8 11 14	4♒39'55	26♐22	17♒37	8♑44	27♊ 8	17♐54	26♒26	19♎19	21♑39	21♓42	14♌39	15♌14	9♈34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	23s42	12s40	5n 9	25s10	1s33	19s41	1n 9	27n49	4n13	22s21	0n 9	15s55	2s 1	7s 1	0n33	22s27	0s16	19s 3	17s 3	16n26	16n 1	1s 5			n.a.	S 1
M 2	23 39	16 10	4 55	25 19	1 37	19 58	1 7	27 51	4 14	22 22	0 8	15 53	2 1	7 1	0 33	22 26	0 16	19 2	17 3	16 28	16 2	1 3			n.a.	M 2
T 3	23 37	18 43	4 24	25 25	1 41	20 15	1 4	27 53	4 15	22 24	0 8	15 51	2 1	7 2	0 33	22 26	0 16	19 2	17 2	16 30	16 3	1 1			n.a.	T 3
W 4	23 33	20 8	3 38	25 31	1 45	20 31	1 1	27 55	4 16	22 26	0 8	15 48	2 1	7 2	0 33	22 26	0 16	19 1	17 2	16 32	16 4	0 59			n.a.	W 4
T 5	23 30	20 22	2 41	25 34	1 48	20 46	0 58	27 56	4 16	22 28	0 8	15 46	2 1	7 3	0 33	22 25	0 16	19 1	17 2	16 34	16 5	0 56			n.a.	T 5
F 6	23 25	19 28	1 36	25 36	1 51	21 1	0 56	27 58	4 17	22 30	0 8	15 44	2 1	7 3	0 33	22 25	0 16	19 0	17 1	16 35	16 6	0 54			n.a.	F 6
S 7	23 21	17 35	0 28	25 37	1 54	21 16	0 53	27 59	4 17	22 32	0 8	15 42	2 1	7 4	0 33	22 25	0 16	19 0	17 1	16 35	16 6	0 52			n.a.	S 7
S 8	23 16	14 53	0s41	25 35	1 56	21 30	0 50	28 0	4 18	22 33	0 8	15 40	2 1	7 4	0 33	22 24	0 16	18 59	17 1	16 35	16 7	0 50			n.a.	S 8
M 9	23 10	11 35	1 46	25 32	1 58	21 43	0 47	28 1	4 18	22 35	0 8	15 37	2 1	7 5	0 33	22 24	0 16	18 59	17 0	16 35	16 8	0 48			n.a.	M 9
T 10	23 4	7 52	2 45	25 27	1 59	21 55	0 44	28 2	4 18	22 37	0 8	15 35	2 1	7 5	0 33	22 24	0 16	18 58	17 0	16 34	16 9	0 46			n.a.	T 10
W11	22 58	3 53	3 37	25 20	2 0	22 7	0 41	28 2	4 18	22 39	0 8	15 33	2 0	7 6	0 33	22 23	0 16	18 58	17 0	16 33	16 10	0 43			n.a.	W11
T 12	22 51	0n13	4 19	25 12	2 1	22 19	0 38	28 3	4 18	22 40	0 7	15 31	2 0	7 6	0 33	22 23	0 16	18 57	16 59	16 33	16 11	0 41			n.a.	T 12
F 13	22 43	4 19	4 50	25 1	2 1	22 29	0 36	28 3	4 18	22 42	0 7	15 28	2 0	7 6	0 33	22 23	0 16	18 56	16 59	16 33	16 12	0 39			n.a.	F 13
S 14	22 36	8 16	5 8	24 49	2 1	22 39	0 33	28 3	4 17	22 44	0 7	15 26	2 0	7 7	0 33	22 22	0 16	18 56	16 59	16 34	16 13	0 37			n.a.	S 14
S 15	22 27	11 58	5 14	24 34	2 0	22 49	0 30	28 3	4 17	22 45	0 7	15 24	2 0	7 7	0 33	22 22	0 16	18 55	16 58	16 34	16 14	0 35			n.a.	S 15
M16	22 19	15 13	5 5	24 18	1 59	22 58	0 27	28 2	4 17	22 47	0 7	15 21	2 0	7 7	0 33	22 22	0 16	18 55	16 58	16 35	16 15	0 33			n.a.	M16
T 17	22 10	17 50	4 41	23 59	1 57	23 6	0 24	28 2	4 16	22 48	0 7	15 19	2 0	7 7	0 33	22 21	0 16	18 54	16 58	16 37	16 16	0 30			n.a.	T 17
W18	22 0	19 38	4 2	23 38	1 55	23 13	0 21	28 2	4 15	22 50	0 7	15 17	2 0	7 8	0 33	22 21	0 17	18 53	16 57	16 38	16 17	0 28			n.a.	W18
T 19	21 50	20 23	3 9	23 16	1 52	23 20	0 18	28 1	4 15	22 51	0 7	15 14	2 0	7 8	0 33	22 21	0 17	18 53	16 57	16 39	16 18	0 26			n.a.	T 19
F 20	21 40	19 58	2 3	22 51	1 49	23 25	0 15	28 0	4 14	22 53	0 7	15 12	2 0	7 8	0 33	22 20	0 17	18 52	16 57	16 39	16 19	0 24			n.a.	F 20
S 21	21 29	18 20	0 50	22 24	1 45	23 31	0 12	27 59	4 13	22 54	0 7	15 9	2 0	7 8	0 33	22 20	0 17	18 52	16 56	16 40	16 20	0 22			n.a.	S 21
S 22	21 18	15 32	0n28	21 55	1 40	23 35	0 10	27 58	4 12	22 56	0 6	15 7	2 0	7 8	0 33	22 20	0 17	18 51	16 56	16 40	16 21	0 20			n.a.	S 22
M23	21 7	11 47	1 45	21 24	1 35	23 39	0 7	27 57	4 11	22 57	0 6	15 5	2 0	7 9	0 33	22 19	0 17	18 50	16 56	16 40	16 22	0 17			n.a.	M23
T 24	20 55	7 19	2 56	20 51	1 29	23 42	0 4	27 56	4 10	22 58	0 6	15 2	2 0	7 9	0 33	22 19	0 17	18 50	16 55	16 39	16 23	0 15			n.a.	T 24
W25	20 43	2 28	3 56	20 17	1 22	23 45	0 1	27 54	4 9	23 0	0 6	15 0	2 0	7 9	0 33	22 19	0 17	18 49	16 55	16 39	16 24	0 13			n.a.	W25
T 26	20 30	2s30	4 41	19 40	1 15	23 46	0s 2	27 53	4 8	23 1	0 6	14 57	2 0	7 9	0 33	22 18	0 17	18 49	16 55	16 39	16 25	0 11			n.a.	T 26
F 27	20 17	7 17	5 8	19 2	1 7	23 47	0 4	27 52	4 7	23 2	0 6	14 55	1 59	7 9	0 33	22 18	0 17	18 48	16 55	16 38	16 26	0 9			n.a.	F 27
S 28	20 4	11 37	5 16	18 22	0 59	23 47	0 7	27 50	4 5	23 3	0 6	14 52	1 59	7 9	0 33	22 18	0 17	18 47	16 54	16 39	16 27	0 7			n.a.	S 28
S 29	19 50	15 16	5 6	17 40	0 50	23 47	0 10	27 49	4 4	23 5	0 6	14 50	1 59	7 9	0 33	22 17	0 17	18 47	16 54	16 39	16 28	0 4			n.a.	S 29
M30	19 36	18 3	4 39	16 58	0 40	23 46	0 13	27 47	4 3	23 6	0 6	14 47	1 59	7 9	0 33	22 17	0 17	18 46	16 54	16 39	16 29	0 2			n.a.	M30
T 31	19s22	19s47	3n57	16s14	0s29	23s44	0s15	27n45	4n 1	23s 7	0n 6	14s44	1s59	7s 9	0n33	22s17	0s17	18s45	16s53	16n40	16n29	0s 0			n.a.	T 31

Julian Day Number = 1492776.5, Delta T = 05h13m19s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'09, Lahiri = -12°36'08 Julian Calendar 1 Jan. 626 BCE == Greg. Calendar 25 Dec. 627 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

FEBRUARY 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 15 10	5♒39'55	9♉38	19♒25	9♉58	26°R59	18♐ 6	26♒34	19°R19	21♉41	21♓43	14°R38	15♌10	9♈40	n.a.	W 1
T 2	8 19 7	6°39'54	22°40	21°11	11°12	26♊50	18°17	26°41	19♎19	21°43	21°45	14♌37	15° 7	9°47	n.a.	T 2
F 3	8 23 3	7°39'50	5♒28	22°54	12°26	26°43	18°29	26°48	19°19	21°45	21°46	14°37	15° 4	9°54	n.a.	F 3
S 4	8 27 0	8°39'45	18° 3	24°34	13°40	26°36	18°40	26°56	19°18	21°48	21°47	14°D37	15° 1	10° 0	n.a.	S 4
S 5	8 30 56	9°39'37	0♓24	26°10	14°54	26°31	18°51	27° 3	19°18	21°50	21°48	14°37	14°58	10° 7	n.a.	S 5
M 6	8 34 53	10°39'27	12°34	27°42	16° 8	26°26	19° 3	27°11	19°18	21°52	21°49	14°37	14°55	10°14	n.a.	M 6
T 7	8 38 50	11°39'15	24°34	29° 9	17°22	26°21	19°14	27°18	19°17	21°54	21°50	14°38	14°51	10°20	n.a.	T 7
W 8	8 42 46	12°39'00	6♈28	0♓31	18°35	26°18	19°25	27°26	19°17	21°56	21°51	14°38	14°48	10°27	n.a.	W 8
T 9	8 46 43	13°38'43	18°19	1°46	19°49	26°15	19°36	27°33	19°16	21°58	21°52	14°38	14°45	10°34	n.a.	T 9
F 10	8 50 39	14°38'24	0♉11	2°56	21° 3	26°13	19°46	27°41	19°16	22° 1	21°53	14°R38	14°42	10°41	n.a.	F 10
S 11	8 54 36	15°38'03	12° 8	3°59	22°17	26°12	19°57	27°48	19°15	22° 3	21°54	14°D38	14°39	10°47	n.a.	S 11
S 12	8 58 32	16°37'39	24°16	4°54	23°31	26°D12	20° 8	27°56	19°15	22° 5	21°56	14°38	14°35	10°54	n.a.	S 12
M13	9 2 29	17°37'12	6♊39	5°42	24°45	26°12	20°18	28° 3	19°14	22° 7	21°57	14°38	14°32	11° 1	n.a.	M13
T 14	9 6 25	18°36'44	19°20	6°23	25°59	26°13	20°29	28°11	19°13	22° 9	21°58	14°39	14°29	11° 7	n.a.	T 14
W15	9 10 22	19°36'12	2♋24	6°55	27°13	26°15	20°39	28°18	19°12	22°11	21°59	14°39	14°26	11°14	n.a.	W15
T 16	9 14 19	20°35'39	15°51	7°20	28°26	26°18	20°49	28°26	19°11	22°13	22° 0	14°40	14°23	11°21	n.a.	T 16
F 17	9 18 15	21°35'03	29°44	7°36	29°40	26°21	20°59	28°34	19°11	22°15	22° 2	14°40	14°20	11°27	n.a.	F 17
S 18	9 22 12	22°34'25	13♌58	7°45	0♒54	26°25	21° 9	28°41	19°10	22°17	22° 3	14°R40	14°16	11°34	n.a.	S 18
S 19	9 26 8	23°33'44	28°31	7°R46	2° 8	26°30	21°19	28°49	19° 9	22°19	22° 4	14°40	14°13	11°41	n.a.	S 19
M20	9 30 5	24°33'02	13♍17	7°39	3°22	26°35	21°29	28°56	19° 8	22°21	22° 5	14°39	14°10	11°48	n.a.	M20
T 21	9 34 1	25°32'17	28° 7	7°24	4°36	26°41	21°38	29° 4	19° 6	22°23	22° 7	14°38	14° 7	11°54	n.a.	T 21
W22	9 37 58	26°31'30	12♎55	7° 3	5°49	26°47	21°48	29°12	19° 5	22°25	22° 8	14°37	14° 4	12° 1	n.a.	W22
T 23	9 41 54	27°30'42	27°33	6°35	7° 3	26°54	21°57	29°19	19° 4	22°27	22° 9	14°36	14° 0	12° 8	n.a.	T 23
F 24	9 45 51	28°29'51	11♏57	6° 2	8°17	27° 2	22° 7	29°27	19° 3	22°29	22°10	14°34	13°57	12°14	n.a.	F 24
S 25	9 49 47	29°28'59	26° 3	5°24	9°31	27°11	22°16	29°35	19° 2	22°31	22°12	14°D34	13°54	12°21	n.a.	S 25
S 26	9 53 44	0♓28'05	9♐50	4°42	10°45	27°20	22°25	29°42	19° 0	22°33	22°13	14°34	13°51	12°28	n.a.	S 26
M27	9 57 41	1°27'09	23°18	3°56	11°59	27°29	22°34	29°50	18°59	22°35	22°14	14°35	13°48	12°35	n.a.	M27
T 28	10 1 37	2♓26'11	6♑29	3♓ 9	13♒12	27♊39	22♐43	29♒58	18♎57	22♑37	22♓16	14♌36	13♌45	12♈41	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s 7	20s23	3n 2	15s29	0s18	23s41	0s18	27n44	4n 0	23s 8	0n 5	14s42	1s59	7s 9	0n33	22s16	0s17	18s45	16s53	16n40	16n30	0n 2		n.a.
T 2	18 52	19 53	1 59	14 44	0 6	23 38	0 21	27 42	3 58	23 9	0 5	14 39	1 59	7 9	0 33	22 16	0 17	18 44	16 53	16 40	16 31	0 4		n.a.
F 3	18 36	18 21	0 50	13 58	0n 6	23 34	0 23	27 40	3 57	23 11	0 5	14 37	1 59	7 9	0 33	22 15	0 17	18 43	16 53	16 40	16 32	0 7		n.a.
S 4	18 21	15 56	0s19	13 13	0 19	23 29	0 26	27 38	3 55	23 12	0 5	14 34	1 59	7 9	0 33	22 15	0 17	18 43	16 52	16 40	16 33	0 9		n.a.
S 5	18 5	12 50	1 27	12 28	0 32	23 24	0 28	27 37	3 53	23 13	0 5	14 31	1 59	7 9	0 33	22 15	0 17	18 42	16 52	16 40	16 34	0 11		n.a.
M 6	17 48	9 14	2 29	11 43	0 46	23 17	0 31	27 35	3 52	23 14	0 5	14 29	1 59	7 8	0 33	22 14	0 17	18 41	16 52	16 40	16 35	0 13		n.a.
T 7	17 32	5 18	3 24	11 0	1 0	23 10	0 33	27 33	3 50	23 15	0 5	14 26	1 59	7 8	0 33	22 14	0 17	18 41	16 52	16 40	16 36	0 15		n.a.
W 8	17 15	1 13	4 10	10 18	1 14	23 3	0 36	27 31	3 48	23 16	0 5	14 24	1 59	7 8	0 33	22 14	0 17	18 40	16 51	16 40	16 37	0 17		n.a.
T 9	16 57	2n54	4 45	9 38	1 28	22 55	0 38	27 30	3 47	23 17	0 5	14 21	1 59	7 8	0 33	22 13	0 17	18 39	16 51	16 40	16 38	0 20		n.a.
F 10	16 40	6 54	5 7	9 0	1 42	22 46	0 40	27 28	3 45	23 18	0 4	14 18	1 59	7 8	0 34	22 13	0 17	18 39	16 51	16 40	16 39	0 22		n.a.
S 11	16 22	10 40	5 17	8 24	1 55	22 36	0 43	27 26	3 43	23 19	0 4	14 16	1 59	7 7	0 34	22 13	0 17	18 38	16 51	16 40	16 40	0 24		n.a.
S 12	16 4	14 2	5 13	7 51	2 9	22 26	0 45	27 24	3 42	23 20	0 4	14 13	1 59	7 7	0 34	22 12	0 17	18 37	16 51	16 40	16 41	0 26		n.a.
M13	15 46	16 53	4 54	7 21	2 22	22 15	0 47	27 23	3 40	23 20	0 4	14 10	1 59	7 7	0 34	22 12	0 17	18 37	16 50	16 40	16 42	0 28		n.a.
T 14	15 27	19 0	4 21	6 54	2 35	22 3	0 49	27 21	3 38	23 21	0 4	14 8	1 59	7 6	0 34	22 12	0 17	18 36	16 50	16 40	16 43	0 31		n.a.
W15	15 9	20 11	3 34	6 31	2 46	21 51	0 51	27 19	3 36	23 22	0 4	14 5	1 59	7 6	0 34	22 11	0 17	18 35	16 50	16 40	16 44	0 33		n.a.
T 16	14 49	20 17	2 33	6 12	2 57	21 38	0 53	27 18	3 35	23 23	0 4	14 2	1 59	7 6	0 34	22 11	0 17	18 35	16 50	16 40	16 45	0 35		n.a.
F 17	14 30	19 9	1 22	5 56	3 8	21 24	0 55	27 16	3 33	23 24	0 4	14 0	1 59	7 5	0 34	22 11	0 17	18 34	16 50	16 39	16 45	0 37		n.a.
S 18	14 11	16 48	0 4	5 45	3 17	21 10	0 57	27 14	3 31	23 25	0 4	13 57	1 59	7 5	0 34	22 11	0 17	18 33	16 49	16 39	16 46	0 39		n.a.
S 19	13 51	13 20	1n16	5 37	3 24	20 55	0 59	27 13	3 29	23 25	0 3	13 54	1 59	7 5	0 34	22 10	0 17	18 33	16 49	16 39	16 47	0 42		n.a.
M20	13 31	9 0	2 32	5 34	3 31	20 40	1 1	27 11	3 28	23 26	0 3	13 52	1 59	7 4	0 34	22 10	0 17	18 32	16 49	16 40	16 48	0 44		n.a.
T 21	13 11	4 5	3 38	5 35	3 36	20 24	1 3	27 9	3 26	23 27	0 3	13 49	1 59	7 4	0 34	22 10	0 17	18 31	16 49	16 40	16 49	0 46		n.a.
W22	12 51	1s 2	4 30	5 39	3 39	20 7	1 5	27 8	3 24	23 28	0 3	13 46	1 59	7 3	0 34	22 9	0 17	18 31	16 49	16 40	16 50	0 48		n.a.
T 23	12 30	6 3	5 3	5 48	3 41	19 50	1 6	27 6	3 22	23 28	0 3	13 44	1 59	7 3	0 34	22 9	0 17	18 30	16 49	16 41	16 51	0 50		n.a.
F 24	12 9	10 37	5 16	6 0	3 41	19 32	1 8	27 5	3 21	23 29	0 3	13 41	1 59	7 2	0 34	22 9	0 17	18 29	16 48	16 41	16 52	0 53		n.a.
S 25	11 49	14 31	5 10	6 16	3 39	19 14	1 9	27 3	3 19	23 30	0 3	13 38	1 59	7 2	0 34	22 8	0 17	18 29	16 48	16 41	16 53	0 55		n.a.
S 26	11 28	17 31	4 46	6 35	3 35	18 55	1 11	27 2	3 17	23 30	0 3	13 36	1 59	7 1	0 34	22 8	0 17	18 28	16 48	16 41	16 54	0 57		n.a.
M27	11 6	19 29	4 7	6 57	3 30	18 36	1 12	27 0	3 15	23 31	0 3	13 33	2 0	7 1	0 34	22 8	0 17	18 28	16 48	16 41	16 55	0 59		n.a.
T 28	10s45	20s21	3n16	7s20	3n23	18s16	1s14	26n58	3n14	23s31	0n 2	13s30	2s 0	7s 0	0n34	22s 7	0s17	18s27	16s48	16n41	16n56	1n 1		n.a.

Julian Day Number = 1492807.5, Delta T = 05h13m17s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'05, Lahiri = -12°36'04 Julian Calendar 1 Feb. 626 BCE == Greg. Calendar 25 Jan. 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

MARCH 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 5 34	3♓25'11	19♉23	2°R20	14♒26	27♊50	22♐51	0♓ 5	18°R56	22♉39	22♓17	14♌38	13♌41	12♈48	n.a.	W 1
T 2	10 9 30	4°24'09	2♒ 3	1♓31	15°40	28° 1	23° 0	0°13	18♎54	22°40	22°18	14°39	13°38	12°55	n.a.	T 2
F 3	10 13 27	5°23'05	14°31	0°43	16°54	28°13	23° 8	0°20	18°53	22°42	22°20	14°R39	13°35	13° 1	n.a.	F 3
S 4	10 17 23	6°21'59	26°49	29♒56	18° 8	28°26	23°16	0°28	18°51	22°44	22°21	14°39	13°32	13° 8	n.a.	S 4
S 5	10 21 20	7°20'51	8♓58	29°12	19°21	28°39	23°25	0°36	18°50	22°46	22°22	14°37	13°29	13°15	n.a.	S 5
M 6	10 25 16	8°19'41	20°59	28°30	20°35	28°52	23°33	0°43	18°48	22°47	22°24	14°34	13°26	13°21	n.a.	M 6
T 7	10 29 13	9°18'29	2♈55	27°53	21°49	29° 6	23°41	0°51	18°46	22°49	22°25	14°30	13°22	13°28	n.a.	T 7
W 8	10 33 10	10°17'14	14°47	27°19	23° 3	29°20	23°48	0°59	18°45	22°51	22°26	14°26	13°19	13°35	n.a.	W 8
T 9	10 37 6	11°15'57	26°38	26°51	24°17	29°35	23°56	1° 6	18°43	22°53	22°28	14°21	13°16	13°42	n.a.	T 9
F 10	10 41 3	12°14'38	8♉30	26°27	25°30	29°51	24° 3	1°14	18°41	22°54	22°29	14°17	13°13	13°48	n.a.	F 10
S 11	10 44 59	13°13'17	20°27	26° 8	26°44	0♋ 6	24°11	1°21	18°39	22°56	22°31	14°14	13°10	13°55	n.a.	S 11
S 12	10 48 56	14°11'53	2♊33	25°55	27°58	0°23	24°18	1°29	18°37	22°57	22°32	14°12	13° 6	14° 2	n.a.	S 12
M13	10 52 52	15°10'27	14°53	25°46	29°12	0°39	24°25	1°36	18°35	22°59	22°33	14°D11	13° 3	14° 8	n.a.	M13
T 14	10 56 49	16° 8'59	27°29	25°D43	0♓25	0°57	24°32	1°44	18°33	23° 1	22°35	14°12	13° 0	14°15	n.a.	T 14
W15	11 0 45	17° 7'29	10♋28	25°46	1°39	1°14	24°38	1°51	18°31	23° 2	22°36	14°13	12°57	14°22	n.a.	W15
T 16	11 4 42	18° 5'56	23°51	25°53	2°53	1°32	24°45	1°59	18°29	23° 4	22°37	14°15	12°54	14°28	n.a.	T 16
F 17	11 8 38	19° 4'21	7♌42	26° 5	4° 7	1°51	24°51	2° 6	18°27	23° 5	22°39	14°R16	12°51	14°35	n.a.	F 17
S 18	11 12 35	20° 2'44	22° 0	26°22	5°20	2° 9	24°58	2°14	18°25	23° 6	22°40	14°16	12°47	14°42	n.a.	S 18
S 19	11 16 32	21° 1'04	6♍42	26°44	6°34	2°29	25° 4	2°21	18°23	23° 8	22°42	14°14	12°44	14°49	n.a.	S 19
M20	11 20 28	21°59'23	21°43	27°10	7°48	2°48	25°10	2°28	18°21	23° 9	22°43	14°11	12°41	14°55	n.a.	M20
T 21	11 24 25	22°57'39	6♎54	27°40	9° 1	3° 8	25°16	2°36	18°19	23°11	22°44	14° 6	12°38	15° 2	n.a.	T 21
W22	11 28 21	23°55'54	22° 4	28°15	10°15	3°28	25°21	2°43	18°17	23°12	22°46	14° 0	12°35	15° 9	n.a.	W22
T 23	11 32 18	24°54'07	7♏ 5	28°53	11°29	3°49	25°27	2°50	18°14	23°13	22°47	13°54	12°31	15°15	n.a.	T 23
F 24	11 36 14	25°52'18	21°47	29°35	12°42	4°10	25°32	2°58	18°12	23°15	22°49	13°49	12°28	15°22	n.a.	F 24
S 25	11 40 11	26°50'28	6♐ 5	0♓21	13°56	4°31	25°37	3° 5	18°10	23°16	22°50	13°46	12°25	15°29	n.a.	S 25
S 26	11 44 7	27°48'36	19°57	1°11	15°10	4°53	25°42	3°12	18° 8	23°17	22°51	13°44	12°22	15°36	n.a.	S 26
M27	11 48 4	28°46'43	3♑24	2° 3	16°24	5°15	25°47	3°19	18° 5	23°18	22°53	13°D44	12°19	15°42	n.a.	M27
T 28	11 52 1	29°44'48	16°27	2°59	17°37	5°37	25°52	3°26	18° 3	23°19	22°54	13°45	12°16	15°49	n.a.	T 28
W29	11 55 57	0♈42'52	29°10	3°58	18°51	6° 0	25°56	3°34	18° 1	23°21	22°56	13°46	12°12	15°56	n.a.	W29
T 30	11 59 54	1°40'54	11♒37	5° 0	20° 5	6°23	26° 1	3°41	17°58	23°22	22°57	13°R47	12° 9	16° 2	n.a.	T 30
F 31	12 3 50	2♈38'54	23♒51	6♓ 4	21♓18	6♋46	26♐ 5	3♓48	17♎56	23♉23	22♓58	13♌46	12♌ 6	16♈ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	10s23	20s 7	2n15	7s46	3n14	17s55	1s15	26n57	3n12	23s32	0n 2	13s27	2s 0	7s 0	0n34	22s 7	0s17	18s26	16s48	16n40	16n57	1n 4		n.a.	W 1
T 2	10 2	18 51	1 9	8 13	3 4	17 34	1 16	26 55	3 10	23 33	0 2	13 25	2 0	6 59	0 34	22 7	0 17	18 26	16 48	16 40	16 58	1 6		n.a.	T 2
F 3	9 40	16 41	0 1	8 41	2 53	17 13	1 18	26 54	3 9	23 33	0 2	13 22	2 0	6 58	0 34	22 7	0 17	18 25	16 47	16 40	16 58	1 8		n.a.	F 3
S 4	9 18	13 47	1s 7	9 9	2 40	16 51	1 19	26 52	3 7	23 34	0 2	13 19	2 0	6 58	0 34	22 6	0 17	18 24	16 47	16 40	16 59	1 10		n.a.	S 4
S 5	8 56	10 19	2 10	9 38	2 27	16 29	1 20	26 51	3 5	23 34	0 2	13 17	2 0	6 57	0 34	22 6	0 17	18 24	16 47	16 40	17 0	1 12		n.a.	S 5
M 6	8 34	6 28	3 7	10 6	2 12	16 6	1 21	26 49	3 3	23 35	0 2	13 14	2 0	6 56	0 34	22 6	0 17	18 23	16 47	16 41	17 1	1 15		n.a.	M 6
T 7	8 11	2 24	3 55	10 33	1 57	15 43	1 22	26 48	3 2	23 35	0 2	13 11	2 0	6 56	0 34	22 6	0 17	18 22	16 47	16 42	17 2	1 17		n.a.	T 7
W 8	7 49	1n43	4 33	10 59	1 42	15 19	1 23	26 46	3 0	23 36	0 2	13 9	2 0	6 55	0 34	22 5	0 17	18 22	16 47	16 44	17 3	1 19		n.a.	W 8
T 9	7 26	5 47	4 58	11 23	1 26	14 55	1 23	26 45	2 58	23 36	0 1	13 6	2 0	6 54	0 34	22 5	0 17	18 21	16 47	16 45	17 4	1 21		n.a.	T 9
F 10	7 4	9 37	5 11	11 46	1 10	14 31	1 24	26 43	2 57	23 37	0 1	13 3	2 0	6 54	0 34	22 5	0 17	18 20	16 47	16 46	17 5	1 24		n.a.	F 10
S 11	6 41	13 7	5 11	12 8	0 54	14 6	1 25	26 41	2 55	23 37	0 1	13 1	2 0	6 53	0 34	22 4	0 17	18 20	16 47	16 47	17 6	1 26		n.a.	S 11
S 12	6 18	16 6	4 57	12 27	0 39	13 41	1 26	26 40	2 54	23 38	0 1	12 58	2 0	6 52	0 34	22 4	0 17	18 19	16 47	16 48	17 7	1 28		n.a.	S 12
M13	5 55	18 26	4 29	12 44	0 24	13 15	1 26	26 38	2 52	23 38	0 1	12 55	2 0	6 51	0 34	22 4	0 17	18 19	16 47	16 48	17 8	1 30		n.a.	M13
T 14	5 32	19 57	3 48	12 59	0 9	12 49	1 27	26 36	2 50	23 38	0 1	12 53	2 1	6 51	0 34	22 4	0 17	18 18	16 47	16 48	17 9	1 32		n.a.	T 14
W15	5 9	20 27	2 54	13 12	0s 6	12 23	1 27	26 35	2 49	23 39	0 1	12 50	2 1	6 50	0 34	22 3	0 17	18 17	16 47	16 47	17 10	1 35		n.a.	W15
T 16	4 46	19 50	1 49	13 23	0 20	11 57	1 27	26 33	2 47	23 39	0 1	12 47	2 1	6 49	0 34	22 3	0 17	18 17	16 46	16 47	17 10	1 37		n.a.	T 16
F 17	4 23	18 1	0 36	13 31	0 33	11 30	1 28	26 31	2 46	23 40	0 0	12 45	2 1	6 48	0 34	22 3	0 17	18 16	16 46	16 47	17 11	1 39		n.a.	F 17
S 18	4 0	15 2	0n42	13 38	0 46	11 2	1 28	26 29	2 44	23 40	0 0	12 42	2 1	6 48	0 34	22 3	0 17	18 16	16 46	16 47	17 12	1 41		n.a.	S 18
S 19	3 36	11 1	1 59	13 42	0 59	10 35	1 28	26 27	2 43	23 40	0 0	12 39	2 1	6 47	0 34	22 3	0 17	18 15	16 46	16 47	17 13	1 44		n.a.	S 19
M20	3 13	6 13	3 10	13 43	1 10	10 7	1 28	26 26	2 41	23 41	0 0	12 37	2 1	6 46	0 34	22 2	0 18	18 14	16 46	16 48	17 14	1 46		n.a.	M20
T 21	2 50	1 0	4 7	13 43	1 21	9 39	1 28	26 24	2 40	23 41	0s 0	12 34	2 1	6 45	0 34	22 2	0 18	18 14	16 46	16 50	17 15	1 48		n.a.	T 21
W22	2 27	4s16	4 48	13 41	1 32	9 11	1 28	26 22	2 38	23 41	0 0	12 32	2 1	6 44	0 34	22 2	0 18	18 13	16 46	16 51	17 16	1 50		n.a.	W22
T 23	2 3	9 13	5 8	13 36	1 41	8 43	1 28	26 19	2 37	23 42	0 0	12 29	2 1	6 43	0 34	22 2	0 18	18 13	16 46	16 53	17 17	1 52		n.a.	T 23
F 24	1 40	13 31	5 7	13 29	1 50	8 14	1 28	26 17	2 35	23 42	0 0	12 27	2 2	6 43	0 34	22 2	0 18	18 12	16 46	16 54	17 18	1 55		n.a.	F 24
S 25	1 16	16 55	4 47	13 21	1 59	7 45	1 28	26 15	2 34	23 42	0 1	12 24	2 2	6 42	0 34	22 1	0 18	18 12	16 46	16 55	17 19	1 57		n.a.	S 25
S 26	0 53	19 13	4 10	13 10	2 6	7 16	1 27	26 13	2 32	23 43	0 1	12 21	2 2	6 41	0 34	22 1	0 18	18 11	16 46	16 56	17 20	1 59		n.a.	S 26
M27	0 30	20 23	3 21	12 57	2 13	6 46	1 27	26 11	2 31	23 43	0 1	12 19	2 2	6 40	0 34	22 1	0 18	18 11	16 46	16 56	17 20	2 1		n.a.	M27
T 28	0 6	20 23	2 22	12 43	2 19	6 17	1 27	26 8	2 30	23 43	0 1	12 16	2 2	6 39	0 34	22 1	0 18	18 10	16 46	16 56	17 21	2 4		n.a.	T 28
W29	0n17	19 20	1 18	12 26	2 25	5 47	1 26	26 6	2 28	23 44	0 1	12 14	2 2	6 38	0 34	22 1	0 18	18 9	16 46	16 55	17 22	2 6		n.a.	W29
T 30	0 41	17 21	0 12	12 8	2 30	5 17	1 26	26 3	2 27	23 44	0 1	12 11	2 2	6 37	0 34	22 0	0 18	18 9	16 46	16 55	17 23	2 8		n.a.	T 30
F 31	1n 4	14s36	0s54	11s48	2s34	4s47	1s25	26n 1	2n25	23s44	0s 1	12s 9	2s 2	6s36	0n34	22s 0	0s18	18s 8	16s47	16n55	17n24	2n10		n.a.	F 31

Julian Day Number = 1492835.5, Delta T = 05h13m16s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°43'01, Lahiri = -12°36'00 Julian Calendar 1 March 626 BCE == Greg. Calendar 22 Feb. 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

APRIL 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 7 47	3♈36'53	5♓56	7♓11	22♓32	7♋ 9	26♐ 9	3♓55	17°R53	23♑24	23♓ 0	13°R44	12♌ 3	16♈16	n.a.	S 1
S 2	12 11 43	4°34'50	17°54	8°21	23°46	7°33	26°13	4° 2	17♎51	23°25	23° 1	13♌39	12° 0	16°23	n.a.	S 2
M 3	12 15 40	5°32'46	29°48	9°34	24°59	7°57	26°16	4° 9	17°49	23°26	23° 2	13°32	11°57	16°29	n.a.	M 3
T 4	12 19 36	6°30'40	11♈40	10°49	26°13	8°22	26°20	4°15	17°46	23°27	23° 4	13°23	11°53	16°36	n.a.	T 4
W 5	12 23 33	7°28'32	23°31	12° 6	27°27	8°46	26°23	4°22	17°44	23°28	23° 5	13°12	11°50	16°43	n.a.	W 5
T 6	12 27 29	8°26'23	5♉23	13°26	28°40	9°11	26°26	4°29	17°41	23°29	23° 7	13° 2	11°47	16°49	n.a.	T 6
F 7	12 31 26	9°24'12	17°18	14°48	29°54	9°36	26°29	4°36	17°39	23°30	23° 8	12°52	11°44	16°56	n.a.	F 7
S 8	12 35 23	10°21'59	29°18	16°12	1♈ 8	10° 2	26°32	4°43	17°36	23°30	23° 9	12°44	11°41	17° 3	n.a.	S 8
S 9	12 39 19	11°19'45	11♊26	17°39	2°21	10°27	26°34	4°49	17°34	23°31	23°11	12°37	11°37	17° 9	n.a.	S 9
M10	12 43 16	12°17'29	23°44	19° 7	3°35	10°53	26°37	4°56	17°31	23°32	23°12	12°33	11°34	17°16	n.a.	M10
T 11	12 47 12	13°15'11	6♋18	20°38	4°49	11°19	26°39	5° 3	17°29	23°33	23°13	12°32	11°31	17°23	n.a.	T 11
W12	12 51 9	14°12'51	19°12	22°11	6° 2	11°46	26°41	5° 9	17°26	23°34	23°15	12°D31	11°28	17°30	n.a.	W12
T 13	12 55 5	15°10'30	2♌28	23°46	7°16	12°13	26°43	5°16	17°24	23°34	23°16	12°32	11°25	17°36	n.a.	T 13
F 14	12 59 2	16° 8'07	16°11	25°24	8°29	12°39	26°44	5°22	17°21	23°35	23°17	12°R32	11°22	17°43	n.a.	F 14
S 15	13 2 58	17° 5'42	0♍22	27° 3	9°43	13° 6	26°46	5°28	17°19	23°35	23°19	12°31	11°18	17°50	n.a.	S 15
S 16	13 6 55	18° 3'16	14°59	28°45	10°57	13°34	26°47	5°35	17°16	23°36	23°20	12°28	11°15	17°56	n.a.	S 16
M17	13 10 52	19° 0'48	29°59	0♈29	12°10	14° 1	26°48	5°41	17°14	23°37	23°21	12°22	11°12	18° 3	n.a.	M17
T 18	13 14 48	19°58'18	15♎15	2°15	13°24	14°29	26°49	5°47	17°11	23°37	23°22	12°14	11° 9	18°10	n.a.	T 18
W19	13 18 45	20°55'48	0♏35	4° 3	14°38	14°57	26°49	5°54	17° 9	23°38	23°24	12° 4	11° 6	18°17	n.a.	W19
T 20	13 22 41	21°53'16	15°48	5°53	15°51	15°25	26°50	6° 0	17° 6	23°38	23°25	11°54	11° 3	18°23	n.a.	T 20
F 21	13 26 38	22°50'43	0♐43	7°45	17° 5	15°53	26°50	6° 6	17° 4	23°39	23°26	11°46	10°59	18°30	n.a.	F 21
S 22	13 30 34	23°48'09	15°13	9°39	18°18	16°22	26°R50	6°12	17° 1	23°39	23°27	11°39	10°56	18°37	n.a.	S 22
S 23	13 34 31	24°45'34	29°15	11°36	19°32	16°51	26°50	6°18	16°59	23°39	23°29	11°34	10°53	18°43	n.a.	S 23
M24	13 38 27	25°42'59	12♑46	13°34	20°46	17°19	26°50	6°24	16°56	23°40	23°30	11°32	10°50	18°50	n.a.	M24
T 25	13 42 24	26°40'22	25°51	15°35	21°59	17°48	26°50	6°29	16°54	23°40	23°31	11°D31	10°47	18°57	n.a.	T 25
W26	13 46 21	27°37'45	8♒32	17°37	23°13	18°18	26°49	6°35	16°51	23°40	23°32	11°R31	10°43	19° 4	n.a.	W26
T 27	13 50 17	28°35'07	20°54	19°41	24°26	18°47	26°48	6°41	16°49	23°40	23°33	11°31	10°40	19°10	n.a.	T 27
F 28	13 54 14	29°32'28	3♓ 2	21°47	25°40	19°17	26°47	6°47	16°47	23°41	23°35	11°29	10°37	19°17	n.a.	F 28
S 29	13 58 10	0♉29'48	15° 1	23°54	26°54	19°47	26°46	6°52	16°44	23°41	23°36	11°25	10°34	19°24	n.a.	S 29
S 30	14 2 7	1♉27'08	26♓54	26♈ 2	28♈ 7	20♋17	26♐45	6♓58	16♎42	23♑41	23♓37	11♌19	10♌31	19♈30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n27	11s16	1s57	11s25	2s38	4s17	1s24	25n58	2n24	23s44	0s 2	12s 6	2s 3	6s35	0n34	22s 0	0s18	18s 8	16s47	16n56	17n25	2n13		n.a.
S 2	1 51	7 30	2 53	11 2	2 41	3 47	1 24	25 55	2 23	23 45	0 2	12 4	2 3	6 34	0 34	22 0	0 18	18 7	16 47	16 57	17 26	2 15		n.a.
M 3	2 14	3 27	3 41	10 36	2 43	3 17	1 23	25 53	2 21	23 45	0 2	12 2	2 3	6 33	0 34	22 0	0 18	18 7	16 47	16 59	17 27	2 17		n.a.
T 4	2 37	0n42	4 20	10 9	2 45	2 46	1 22	25 50	2 20	23 45	0 2	11 59	2 3	6 32	0 34	22 0	0 18	18 6	16 47	17 2	17 28	2 19		n.a.
W 5	3 0	4 49	4 47	9 40	2 46	2 16	1 21	25 47	2 19	23 45	0 2	11 57	2 3	6 32	0 34	22 0	0 18	18 6	16 47	17 5	17 29	2 21		n.a.
T 6	3 23	8 45	5 2	9 9	2 46	1 45	1 20	25 44	2 17	23 46	0 2	11 54	2 3	6 31	0 34	21 59	0 18	18 5	16 47	17 8	17 29	2 24		n.a.
F 7	3 47	12 22	5 4	8 37	2 46	1 15	1 19	25 40	2 16	23 46	0 2	11 52	2 3	6 30	0 34	21 59	0 18	18 5	16 47	17 11	17 30	2 26		n.a.
S 8	4 10	15 31	4 52	8 3	2 45	0 44	1 18	25 37	2 15	23 46	0 3	11 50	2 4	6 29	0 34	21 59	0 18	18 5	16 47	17 13	17 31	2 28		n.a.
S 9	4 32	18 3	4 28	7 28	2 44	0 13	1 17	25 34	2 13	23 46	0 3	11 47	2 4	6 28	0 34	21 59	0 18	18 4	16 47	17 15	17 32	2 30		n.a.
M10	4 55	19 47	3 50	6 50	2 42	0n17	1 16	25 30	2 12	23 46	0 3	11 45	2 4	6 27	0 34	21 59	0 18	18 4	16 47	17 16	17 33	2 33		n.a.
T 11	5 18	20 36	3 1	6 12	2 39	0 48	1 14	25 27	2 11	23 47	0 3	11 43	2 4	6 26	0 34	21 59	0 18	18 3	16 47	17 17	17 34	2 35		n.a.
W12	5 41	20 22	2 1	5 32	2 36	1 19	1 13	25 23	2 9	23 47	0 3	11 40	2 4	6 25	0 34	21 59	0 18	18 3	16 47	17 17	17 35	2 37		n.a.
T 13	6 3	19 1	0 54	4 50	2 33	1 50	1 12	25 20	2 8	23 47	0 3	11 38	2 4	6 24	0 34	21 59	0 18	18 2	16 48	17 17	17 36	2 39		n.a.
F 14	6 26	16 31	0n19	4 7	2 28	2 20	1 10	25 16	2 7	23 47	0 3	11 36	2 5	6 23	0 34	21 58	0 18	18 2	16 48	17 17	17 37	2 42		n.a.
S 15	6 48	12 57	1 34	3 22	2 23	2 51	1 9	25 12	2 6	23 47	0 4	11 34	2 5	6 22	0 34	21 58	0 18	18 1	16 48	17 17	17 37	2 44		n.a.
S 16	7 11	8 30	2 44	2 37	2 18	3 21	1 7	25 8	2 4	23 48	0 4	11 31	2 5	6 21	0 34	21 58	0 18	18 1	16 48	17 18	17 38	2 46		n.a.
M17	7 33	3 25	3 44	1 49	2 12	3 52	1 6	25 4	2 3	23 48	0 4	11 29	2 5	6 20	0 34	21 58	0 18	18 1	16 48	17 20	17 39	2 48		n.a.
T 18	7 55	1s57	4 30	1 1	2 6	4 22	1 4	24 59	2 2	23 48	0 4	11 27	2 5	6 19	0 34	21 58	0 18	18 0	16 48	17 22	17 40	2 51		n.a.
W19	8 17	7 13	4 56	0 11	1 59	4 53	1 3	24 55	2 1	23 48	0 4	11 25	2 5	6 18	0 34	21 58	0 18	18 0	16 48	17 25	17 41	2 53		n.a.
T 20	8 39	11 59	5 2	0n40	1 51	5 23	1 1	24 51	2 0	23 48	0 4	11 23	2 6	6 17	0 34	21 58	0 18	18 0	16 48	17 27	17 42	2 55		n.a.
F 21	9 0	15 55	4 46	1 32	1 43	5 53	0 59	24 46	1 58	23 48	0 5	11 21	2 6	6 16	0 34	21 58	0 18	17 59	16 49	17 30	17 43	2 57		n.a.
S 22	9 22	18 45	4 12	2 26	1 35	6 23	0 57	24 41	1 57	23 49	0 5	11 19	2 6	6 15	0 34	21 58	0 18	17 59	16 49	17 32	17 44	3 0		n.a.
S 23	9 43	20 22	3 24	3 20	1 26	6 53	0 56	24 37	1 56	23 49	0 5	11 17	2 6	6 14	0 34	21 58	0 18	17 58	16 49	17 33	17 45	3 2		n.a.
M24	10 4	20 43	2 26	4 15	1 17	7 23	0 54	24 32	1 55	23 49	0 5	11 15	2 6	6 13	0 34	21 58	0 18	17 58	16 49	17 34	17 45	3 4		n.a.
T 25	10 25	19 55	1 22	5 11	1 7	7 53	0 52	24 27	1 54	23 49	0 5	11 12	2 7	6 12	0 34	21 58	0 18	17 58	16 49	17 34	17 46	3 6		n.a.
W26	10 46	18 7	0 16	6 7	0 57	8 22	0 50	24 22	1 53	23 49	0 5	11 11	2 7	6 11	0 34	21 58	0 18	17 57	16 49	17 34	17 47	3 9		n.a.
T 27	11 7	15 30	0s50	7 4	0 47	8 51	0 48	24 16	1 51	23 49	0 6	11 9	2 7	6 10	0 34	21 58	0 18	17 57	16 50	17 34	17 48	3 11		n.a.
F 28	11 28	12 15	1 51	8 2	0 37	9 20	0 46	24 11	1 50	23 49	0 6	11 7	2 7	6 10	0 34	21 58	0 18	17 57	16 50	17 34	17 49	3 13		n.a.
S 29	11 48	8 33	2 47	8 59	0 26	9 49	0 44	24 5	1 49	23 50	0 6	11 5	2 7	6 9	0 34	21 58	0 18	17 57	16 50	17 36	17 50	3 15		n.a.
S 30	12n 8	4s32	3s35	9n57	0s16	10n18	0s42	24n 0	1n48	23s50	0s 6	11s 3	2s 8	6s 8	0n34	21s58	0s18	17s56	16s50	17n37	17n51	3n18		n.a.

Julian Day Number = 1492866.5, Delta T = 05h13m14s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'56, Lahiri = -12°35'56 Julian Calendar 1 Apr. 626 BCE == Greg. Calendar 25 March 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

MAY 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 6 3	2♉24'27	8♈44	28♈12	29♈21	20♋47	26°R43	7♓ 3	16°R39	23♎41	23♓38	11°R 9	10♌28	19♈37	n.a.	M 1
T 2	14 10 0	3°21'45	20°35	0♉23	0♉35	21°17	26♐41	7° 9	16♏37	23°41	23°39	10♌57	10°24	19°44	n.a.	T 2
W 3	14 13 56	4°19'02	2♉28	2°34	1°48	21°47	26°39	7°14	16°35	23°41	23°40	10°44	10°21	19°51	n.a.	W 3
T 4	14 17 53	5°16'18	14°24	4°45	3° 2	22°18	26°37	7°19	16°32	23°R41	23°41	10°30	10°18	19°57	n.a.	T 4
F 5	14 21 50	6°13'34	26°24	6°57	4°16	22°49	26°35	7°24	16°30	23°41	23°42	10°17	10°15	20° 4	n.a.	F 5
S 6	14 25 46	7°10'49	8♊31	9° 9	5°29	23°20	26°32	7°29	16°28	23°41	23°43	10° 5	10°12	20°11	n.a.	S 6
S 7	14 29 43	8° 8'02	20°46	11°20	6°43	23°51	26°30	7°34	16°25	23°41	23°45	9°56	10° 8	20°17	n.a.	S 7
M 8	14 33 39	9° 5'16	3♋11	13°31	7°56	24°22	26°27	7°39	16°23	23°41	23°46	9°50	10° 5	20°24	n.a.	M 8
T 9	14 37 36	10° 2'28	15°48	15°40	9°10	24°54	26°24	7°44	16°21	23°41	23°47	9°47	10° 2	20°31	n.a.	T 9
W10	14 41 32	10°59'39	28°42	17°49	10°24	25°25	26°20	7°49	16°19	23°41	23°48	9°46	9°59	20°38	n.a.	W10
T 11	14 45 29	11°56'49	11♌55	19°56	11°37	25°57	26°17	7°54	16°16	23°40	23°49	9°45	9°56	20°44	n.a.	T 11
F 12	14 49 25	12°53'59	25°31	22° 2	12°51	26°29	26°13	7°58	16°14	23°40	23°50	9°45	9°53	20°51	n.a.	F 12
S 13	14 53 22	13°51'07	9♍32	24° 5	14° 5	27° 1	26°10	8° 3	16°12	23°40	23°51	9°44	9°49	20°58	n.a.	S 13
S 14	14 57 19	14°48'15	23°57	26° 8	15°18	27°33	26° 6	8° 8	16°10	23°40	23°52	9°40	9°46	21° 4	n.a.	S 14
M15	15 1 15	15°45'22	8♎45	28° 8	16°32	28° 5	26° 2	8°12	16° 8	23°39	23°52	9°34	9°43	21°11	n.a.	M15
T 16	15 5 12	16°42'29	23°49	0♊ 6	17°46	28°38	25°57	8°16	16° 6	23°39	23°53	9°25	9°40	21°18	n.a.	T 16
W17	15 9 8	17°39'34	9♏ 2	2° 2	18°59	29°10	25°53	8°21	16° 4	23°38	23°54	9°15	9°37	21°25	n.a.	W17
T 18	15 13 5	18°36'40	24°11	3°56	20°13	29°43	25°48	8°25	16° 2	23°38	23°55	9° 4	9°34	21°31	n.a.	T 18
F 19	15 17 1	19°33'45	9♐ 7	5°48	21°27	0♌16	25°44	8°29	16° 0	23°37	23°56	8°54	9°30	21°38	n.a.	F 19
S 20	15 20 58	20°30'50	23°40	7°37	22°40	0°49	25°39	8°33	15°58	23°37	23°57	8°47	9°27	21°45	n.a.	S 20
S 21	15 24 54	21°27'55	7♑47	9°25	23°54	1°22	25°34	8°37	15°56	23°36	23°58	8°41	9°24	21°51	n.a.	S 21
M22	15 28 51	22°25'00	21°24	11°10	25° 8	1°55	25°29	8°41	15°54	23°36	23°59	8°38	9°21	21°58	n.a.	M22
T 23	15 32 48	23°22'06	4♒33	12°53	26°21	2°28	25°23	8°44	15°52	23°35	23°59	8°D37	9°18	22° 5	n.a.	T 23
W24	15 36 44	24°19'11	17°17	14°33	27°35	3° 1	25°18	8°48	15°51	23°35	24° 0	8°37	9°14	22°12	n.a.	W24
T 25	15 40 41	25°16'16	29°41	16°12	28°49	3°35	25°12	8°52	15°49	23°34	24° 1	8°R37	9°11	22°18	n.a.	T 25
F 26	15 44 37	26°13'21	11♓49	17°48	0♊ 2	4° 9	25° 6	8°55	15°47	23°33	24° 2	8°36	9° 8	22°25	n.a.	F 26
S 27	15 48 34	27°10'27	23°47	19°21	1°16	4°42	25° 1	8°59	15°46	23°33	24° 2	8°33	9° 5	22°32	n.a.	S 27
S 28	15 52 30	28° 7'32	5♈39	20°53	2°30	5°16	24°54	9° 2	15°44	23°32	24° 3	8°28	9° 2	22°39	n.a.	S 28
M29	15 56 27	29° 4'38	17°29	22°22	3°43	5°50	24°48	9° 5	15°42	23°31	24° 4	8°20	8°59	22°45	n.a.	M29
T 30	16 0 23	0♊ 1'44	29°21	23°49	4°57	6°24	24°42	9° 8	15°41	23°30	24° 5	8°10	8°55	22°52	n.a.	T 30
W31	16 4 20	0♊58'51	11♉17	25♊13	6♊11	6♌59	24♐36	9♓11	15♏39	23♑30	24♓ 5	7♌58	8♌52	22♈59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	12n28	0s22	4s14	10n54	0s 5	10n46	0s40	23n54	1n47	23s50	0s 6	11s 1	2s 8	6s 7	0n34	21s58	0s18	17s56	16s50	17n40	17n52	3n20			n.a.
T 2	12 48	3n48	4 41	11 51	0n 6	11 15	0 38	23 48	1 46	23 50	0 6	10 59	2 8	6 6	0 34	21 58	0 18	17 56	16 51	17 43	17 52	3 22			n.a.
W 3	13 8	7 51	4 57	12 47	0 16	11 42	0 36	23 42	1 45	23 50	0 7	10 57	2 8	6 5	0 34	21 58	0 18	17 56	16 51	17 47	17 53	3 24			n.a.
T 4	13 28	11 37	4 59	13 42	0 26	12 10	0 33	23 36	1 44	23 50	0 7	10 56	2 9	6 4	0 34	21 58	0 19	17 55	16 51	17 51	17 54	3 27			n.a.
F 5	13 47	14 57	4 48	14 36	0 37	12 37	0 31	23 30	1 43	23 50	0 7	10 54	2 9	6 3	0 34	21 58	0 19	17 55	16 51	17 55	17 55	3 29			n.a.
S 6	14 6	17 41	4 24	15 28	0 46	13 5	0 29	23 23	1 42	23 50	0 7	10 52	2 9	6 2	0 34	21 58	0 19	17 55	16 52	17 58	17 56	3 31			n.a.
S 7	14 25	19 39	3 48	16 19	0 56	13 31	0 27	23 17	1 40	23 50	0 7	10 50	2 9	6 1	0 34	21 58	0 19	17 55	16 52	18 0	17 57	3 33			n.a.
M 8	14 43	20 44	3 0	17 8	1 5	13 58	0 25	23 10	1 39	23 51	0 7	10 49	2 9	6 1	0 34	21 58	0 19	17 54	16 52	18 2	17 58	3 36			n.a.
T 9	15 2	20 47	2 3	17 55	1 13	14 24	0 22	23 3	1 38	23 51	0 8	10 47	2 10	6 0	0 34	21 58	0 19	17 54	16 52	18 3	17 58	3 38			n.a.
W10	15 20	19 45	0 58	18 40	1 21	14 50	0 20	22 56	1 37	23 51	0 8	10 45	2 10	5 59	0 34	21 58	0 19	17 54	16 52	18 3	17 59	3 40			n.a.
T 11	15 38	17 38	0n11	19 23	1 28	15 15	0 18	22 49	1 36	23 51	0 8	10 44	2 10	5 58	0 34	21 58	0 19	17 54	16 53	18 3	18 0	3 42			n.a.
F 12	15 55	14 29	1 22	20 3	1 35	15 40	0 15	22 42	1 35	23 51	0 8	10 42	2 10	5 57	0 34	21 58	0 19	17 54	16 53	18 3	18 1	3 45			n.a.
S 13	16 13	10 25	2 30	20 41	1 41	16 5	0 13	22 35	1 34	23 51	0 8	10 41	2 11	5 56	0 34	21 58	0 19	17 53	16 53	18 4	18 2	3 47			n.a.
S 14	16 30	5 39	3 31	21 16	1 47	16 29	0 11	22 27	1 33	23 51	0 8	10 39	2 11	5 56	0 34	21 58	0 19	17 53	16 53	18 5	18 3	3 49			n.a.
M15	16 47	0 26	4 19	21 49	1 51	16 53	0 8	22 20	1 32	23 51	0 9	10 38	2 11	5 55	0 34	21 58	0 19	17 53	16 54	18 6	18 4	3 51			n.a.
T 16	17 4	4s53	4 50	22 20	1 55	17 16	0 6	22 12	1 31	23 51	0 9	10 36	2 11	5 54	0 34	21 59	0 19	17 53	16 54	18 9	18 5	3 54			n.a.
W17	17 20	9 57	5 1	22 47	1 58	17 39	0 4	22 4	1 30	23 51	0 9	10 35	2 12	5 53	0 34	21 59	0 19	17 53	16 54	18 11	18 5	3 56			n.a.
T 18	17 36	14 23	4 50	23 12	2 1	18 1	0 1	21 56	1 29	23 51	0 9	10 34	2 12	5 53	0 34	21 59	0 19	17 53	16 55	18 14	18 6	3 58			n.a.
F 19	17 52	17 50	4 20	23 35	2 3	18 23	0n 1	21 48	1 28	23 51	0 9	10 32	2 12	5 52	0 34	21 59	0 19	17 53	16 55	18 17	18 7	4 1			n.a.
S 20	18 7	20 3	3 34	23 55	2 4	18 45	0 4	21 40	1 27	23 51	0 9	10 31	2 12	5 51	0 34	21 59	0 19	17 53	16 55	18 19	18 8	4 3			n.a.
S 21	18 23	20 57	2 36	24 13	2 5	19 6	0 6	21 32	1 26	23 51	0 10	10 30	2 13	5 50	0 33	21 59	0 19	17 53	16 55	18 20	18 9	4 5			n.a.
M22	18 38	20 34	1 30	24 29	2 4	19 27	0 8	21 23	1 25	23 51	0 10	10 29	2 13	5 50	0 33	21 59	0 19	17 52	16 56	18 21	18 10	4 7			n.a.
T 23	18 52	19 2	0 22	24 42	2 4	19 47	0 11	21 15	1 24	23 51	0 10	10 27	2 13	5 49	0 33	21 59	0 19	17 52	16 56	18 21	18 11	4 10			n.a.
W24	19 7	16 36	0s46	24 53	2 2	20 6	0 13	21 6	1 23	23 51	0 10	10 26	2 13	5 48	0 33	21 59	0 19	17 52	16 56	18 21	18 11	4 12			n.a.
T 25	19 21	13 27	1 49	25 2	2 0	20 25	0 15	20 57	1 22	23 51	0 10	10 25	2 14	5 48	0 33	22 0	0 19	17 52	16 57	18 21	18 12	4 14			n.a.
F 26	19 34	9 47	2 46	25 9	1 57	20 44	0 18	20 48	1 21	23 51	0 10	10 24	2 14	5 47	0 33	22 0	0 19	17 52	16 57	18 22	18 13	4 16			n.a.
S 27	19 48	5 47	3 35	25 13	1 54	21 1	0 20	20 39	1 20	23 51	0 11	10 23	2 14	5 46	0 33	22 0	0 19	17 52	16 57	18 22	18 14	4 19			n.a.
S 28	20 1	1 37	4 15	25 16	1 50	21 19	0 22	20 29	1 19	23 51	0 11	10 22	2 15	5 46	0 33	22 0	0 19	17 52	16 57	18 24	18 15	4 21			n.a.
M29	20 14	2n37	4 43	25 17	1 45	21 35	0 25	20 20	1 18	23 51	0 11	10 21	2 15	5 45	0 33	22 0	0 19	17 52	16 58	18 26	18 16	4 23			n.a.
T 30	20 26	6 45	4 59	25 17	1 40	21 51	0 27	20 10	1 17	23 51	0 11	10 20	2 15	5 45	0 33	22 0	0 19	17 52	16 58	18 29	18 16	4 25			n.a.
W31	20n38	10n39	5s 2	25n15	1n34	22n 7	0n29	20n 1	1n16	23s51	0s11	10s19	2s15	5s44	0n33	22s 0	0s19	17s52	16s58	18n32	18n17	4n28			n.a.

Julian Day Number = 1492896.5, Delta T = 05h13m13s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'52, Lahiri = -12°35'52 Julian Calendar 1 May 626 BCE == Greg. Calendar 24 Apr. 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

JUNE 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 8 17	1♊55'57	23♉20	26♊35	7♊25	7♌33	24°R29	9♓14	15°R38	23°R29	24♓ 6	7°R46	8♌49	23♈ 5	n.a.	T 1
F 2	16 12 13	2°53'04	5♊30	27°55	8°38	8° 8	24♐23	9°17	15♎36	23♑28	24° 6	7♌34	8°46	23°12	n.a.	F 2
S 3	16 16 10	3°50'11	17°48	29°12	9°52	8°42	24°16	9°20	15°35	23°27	24° 7	7°24	8°43	23°19	n.a.	S 3
S 4	16 20 6	4°47'18	0♋16	0♋27	11° 6	9°17	24° 9	9°23	15°34	23°26	24° 8	7°17	8°40	23°26	n.a.	S 4
M 5	16 24 3	5°44'26	12°54	1°39	12°20	9°52	24° 2	9°25	15°32	23°25	24° 8	7°12	8°36	23°32	n.a.	M 5
T 6	16 27 59	6°41'33	25°44	2°48	13°33	10°27	23°55	9°28	15°31	23°24	24° 9	7° 9	8°33	23°39	n.a.	T 6
W 7	16 31 56	7°38'41	8♌47	3°55	14°47	11° 2	23°48	9°30	15°30	23°23	24° 9	7°D 9	8°30	23°46	n.a.	W 7
T 8	16 35 53	8°35'48	22° 6	4°59	16° 1	11°37	23°41	9°32	15°29	23°22	24°10	7° 9	8°27	23°52	n.a.	T 8
F 9	16 39 49	9°32'56	5♍42	5°59	17°15	12°12	23°34	9°34	15°27	23°21	24°10	7°R10	8°24	23°59	n.a.	F 9
S 10	16 43 46	10°30'03	19°36	6°57	18°29	12°47	23°26	9°36	15°26	23°20	24°11	7° 9	8°20	24° 6	n.a.	S 10
S 11	16 47 42	11°27'11	3♎50	7°52	19°42	13°23	23°19	9°38	15°25	23°19	24°11	7° 7	8°17	24°13	n.a.	S 11
M12	16 51 39	12°24'19	18°21	8°44	20°56	13°58	23°11	9°40	15°24	23°18	24°12	7° 3	8°14	24°19	n.a.	M12
T 13	16 55 35	13°21'27	3♏ 6	9°32	22°10	14°34	23° 4	9°42	15°23	23°17	24°12	6°57	8°11	24°26	n.a.	T 13
W14	16 59 32	14°18'36	17°57	10°16	23°24	15°10	22°56	9°44	15°22	23°15	24°12	6°50	8° 8	24°33	n.a.	W14
T 15	17 3 28	15°15'45	2♐48	10°57	24°38	15°46	22°49	9°45	15°22	23°14	24°13	6°42	8° 5	24°39	n.a.	T 15
F 16	17 7 25	16°12'55	17°29	11°34	25°51	16°21	22°41	9°47	15°21	23°13	24°13	6°35	8° 1	24°46	n.a.	F 16
S 17	17 11 22	17°10'05	1♑54	12° 8	27° 5	16°58	22°33	9°48	15°20	23°12	24°13	6°29	7°58	24°53	n.a.	S 17
S 18	17 15 18	18° 7'16	15°55	12°37	28°19	17°34	22°26	9°49	15°19	23°11	24°14	6°25	7°55	25° 0	n.a.	S 18
M19	17 19 15	19° 4'28	29°32	13° 1	29°33	18°10	22°18	9°51	15°19	23° 9	24°14	6°24	7°52	25° 6	n.a.	M19
T 20	17 23 11	20° 1'41	12♒42	13°22	0♋47	18°46	22°10	9°52	15°18	23° 8	24°14	6°D23	7°49	25°13	n.a.	T 20
W21	17 27 8	20°58'55	25°29	13°38	2° 0	19°23	22° 3	9°53	15°18	23° 7	24°15	6°25	7°46	25°20	n.a.	W21
T 22	17 31 4	21°56'09	7♓56	13°49	3°14	19°59	21°55	9°53	15°17	23° 5	24°15	6°26	7°42	25°27	n.a.	T 22
F 23	17 35 1	22°53'25	20° 6	13°55	4°28	20°36	21°47	9°54	15°17	23° 4	24°15	6°R27	7°39	25°33	n.a.	F 23
S 24	17 38 57	23°50'42	2♈ 6	13°R56	5°42	21°12	21°39	9°55	15°16	23° 3	24°15	6°26	7°36	25°40	n.a.	S 24
S 25	17 42 54	24°48'00	13°59	13°52	6°56	21°49	21°32	9°55	15°16	23° 1	24°15	6°24	7°33	25°47	n.a.	S 25
M26	17 46 51	25°45'20	25°51	13°43	8°10	22°26	21°24	9°56	15°15	23° 0	24°15	6°21	7°30	25°53	n.a.	M26
T 27	17 50 47	26°42'40	7♉46	13°29	9°24	23° 3	21°16	9°56	15°15	22°58	24°16	6°15	7°26	26° 0	n.a.	T 27
W28	17 54 44	27°40'02	19°47	13°10	10°37	23°40	21° 8	9°56	15°15	22°57	24°16	6° 9	7°23	26° 7	n.a.	W28
T 29	17 58 40	28°37'25	1♊56	12°46	11°51	24°17	21° 1	9°57	15°15	22°56	24°16	6° 2	7°20	26°14	n.a.	T 29
F 30	18 2 37	29♊34'49	14♊17	12♋17	13♋ 5	24♌55	20♐53	9°R57	15♎15	22♑54	24♓16	5♌56	7♌17	26♈20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n50	14n10	4s51	25n11	1n27	22n22	0n31	19n51	1n15	23s51	0s12	10s18	2s16	5s43	0n33	22s 1	0s19	17s52	16s59	18n35	18n18	4n30		n.a.
F 2	21 1	17 8	4 28	25 6	1 20	22 36	0 34	19 41	1 14	23 51	0 12	10 17	2 16	5 43	0 33	22 1	0 19	17 52	16 59	18 38	18 19	4 32		n.a.
S 3	21 12	19 22	3 51	24 59	1 13	22 50	0 36	19 31	1 13	23 50	0 12	10 17	2 16	5 42	0 33	22 1	0 19	17 52	16 59	18 40	18 20	4 34		n.a.
S 4	21 23	20 43	3 3	24 51	1 5	23 3	0 38	19 20	1 12	23 50	0 12	10 16	2 16	5 42	0 33	22 1	0 19	17 52	17 0	18 42	18 21	4 37		n.a.
M 5	21 34	21 3	2 6	24 42	0 56	23 15	0 40	19 10	1 12	23 50	0 12	10 15	2 17	5 41	0 33	22 1	0 19	17 52	17 0	18 44	18 22	4 39		n.a.
T 6	21 44	20 18	1 1	24 32	0 47	23 26	0 42	19 0	1 11	23 50	0 12	10 14	2 17	5 41	0 33	22 1	0 19	17 53	17 0	18 44	18 22	4 41		n.a.
W 7	21 53	18 27	0n 9	24 20	0 38	23 37	0 44	18 49	1 10	23 50	0 13	10 14	2 17	5 41	0 33	22 2	0 19	17 53	17 1	18 44	18 23	4 44		n.a.
T 8	22 2	15 35	1 19	24 8	0 28	23 48	0 46	18 38	1 9	23 50	0 13	10 13	2 18	5 40	0 33	22 2	0 19	17 53	17 1	18 44	18 24	4 46		n.a.
F 9	22 11	11 49	2 27	23 55	0 17	23 57	0 48	18 27	1 8	23 49	0 13	10 13	2 18	5 40	0 33	22 2	0 19	17 53	17 1	18 44	18 25	4 48		n.a.
S 10	22 20	7 20	3 27	23 41	0 6	24 6	0 50	18 16	1 7	23 49	0 13	10 12	2 18	5 39	0 33	22 2	0 19	17 53	17 2	18 44	18 26	4 50		n.a.
S 11	22 28	2 22	4 16	23 27	0s 5	24 14	0 52	18 5	1 6	23 49	0 13	10 12	2 18	5 39	0 33	22 3	0 19	17 53	17 2	18 45	18 27	4 53		n.a.
M12	22 36	2s50	4 50	23 12	0 17	24 22	0 54	17 54	1 5	23 49	0 13	10 11	2 19	5 39	0 33	22 3	0 19	17 53	17 2	18 46	18 27	4 55		n.a.
T 13	22 43	7 56	5 5	22 56	0 29	24 28	0 56	17 43	1 4	23 49	0 14	10 11	2 19	5 38	0 33	22 3	0 19	17 53	17 3	18 47	18 28	4 57		n.a.
W14	22 50	12 37	5 0	22 41	0 41	24 34	0 58	17 31	1 3	23 48	0 14	10 10	2 19	5 38	0 33	22 3	0 19	17 53	17 3	18 49	18 29	4 59		n.a.
T 15	22 56	16 31	4 35	22 24	0 54	24 39	1 0	17 19	1 2	23 48	0 14	10 10	2 20	5 38	0 33	22 3	0 19	17 54	17 3	18 51	18 30	5 2		n.a.
F 16	23 3	19 19	3 52	22 8	1 7	24 44	1 2	17 8	1 1	23 48	0 14	10 10	2 20	5 37	0 33	22 4	0 19	17 54	17 4	18 53	18 31	5 4		n.a.
S 17	23 8	20 51	2 55	21 52	1 21	24 48	1 3	16 56	1 1	23 48	0 14	10 9	2 20	5 37	0 33	22 4	0 19	17 54	17 4	18 55	18 32	5 6		n.a.
S 18	23 14	21 1	1 48	21 36	1 34	24 51	1 5	16 44	1 0	23 47	0 14	10 9	2 21	5 37	0 33	22 4	0 19	17 54	17 4	18 55	18 32	5 9		n.a.
M19	23 19	19 56	0 37	21 20	1 48	24 53	1 7	16 31	0 59	23 47	0 15	10 9	2 21	5 37	0 33	22 4	0 19	17 54	17 5	18 56	18 33	5 11		n.a.
T 20	23 23	17 46	0s34	21 4	2 2	24 54	1 8	16 19	0 58	23 47	0 15	10 9	2 21	5 36	0 33	22 5	0 20	17 55	17 5	18 56	18 34	5 13		n.a.
W21	23 27	14 47	1 41	20 48	2 16	24 55	1 10	16 7	0 57	23 46	0 15	10 9	2 21	5 36	0 33	22 5	0 20	17 55	17 5	18 56	18 35	5 15		n.a.
T 22	23 31	11 13	2 42	20 33	2 30	24 55	1 11	15 54	0 56	23 46	0 15	10 9	2 22	5 36	0 32	22 5	0 20	17 55	17 6	18 55	18 36	5 18		n.a.
F 23	23 34	7 15	3 34	20 19	2 44	24 54	1 13	15 42	0 55	23 46	0 15	10 9	2 22	5 36	0 32	22 5	0 20	17 55	17 6	18 55	18 37	5 20		n.a.
S 24	23 37	3 4	4 16	20 5	2 57	24 53	1 14	15 29	0 54	23 46	0 15	10 9	2 22	5 36	0 32	22 6	0 20	17 55	17 6	18 55	18 37	5 22		n.a.
S 25	23 40	1n12	4 46	19 52	3 11	24 51	1 16	15 16	0 53	23 45	0 16	10 9	2 23	5 36	0 32	22 6	0 20	17 56	17 7	18 56	18 38	5 24		n.a.
M26	23 42	5 24	5 5	19 40	3 24	24 48	1 17	15 3	0 53	23 45	0 16	10 9	2 23	5 36	0 32	22 6	0 20	17 56	17 7	18 57	18 39	5 27		n.a.
T 27	23 44	9 25	5 10	19 29	3 36	24 44	1 18	14 50	0 52	23 44	0 16	10 9	2 23	5 35	0 32	22 6	0 20	17 56	17 7	18 58	18 40	5 29		n.a.
W28	23 45	13 6	5 1	19 20	3 48	24 39	1 19	14 37	0 51	23 44	0 16	10 9	2 23	5 35	0 32	22 7	0 20	17 56	17 8	19 0	18 41	5 31		n.a.
T 29	23 46	16 17	4 39	19 11	3 59	24 34	1 20	14 23	0 50	23 44	0 16	10 10	2 24	5 35	0 32	22 7	0 20	17 57	17 8	19 1	18 41	5 34		n.a.
F 30	23n46	18n48	4s 4	19n 4	4s 9	24n28	1n21	14n10	0n49	23s43	0s16	10s10	2s24	5s35	0n32	22s 7	0s20	17s57	17s 8	19n 3	18n42	5n36		n.a.

Julian Day Number = 1492927.5, Delta T = 05h13m12s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'48, Lahiri = -12°35'48 Julian Calendar 1 June 626 BCE == Greg. Calendar 25 May 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

JULY 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 6 33	0♋32'14	26♊49	11°R44	14♋19	25♌32	20°R46	9°R56	15°D15	22°R53	24♓16	5°R51	7♌14	26♈27	n.a.	S 1
S 2	18 10 30	1°29'41	9♋34	11♋ 7	15°33	26° 9	20♐38	9♓56	15♎15	22♑51	24°R16	5♌47	7°11	26°34	n.a.	S 2
M 3	18 14 27	2°27'08	22°31	10°26	16°47	26°47	20°31	9°56	15°15	22°50	24°16	5°44	7° 7	26°40	n.a.	M 3
T 4	18 18 23	3°24'37	5♌41	9°43	18° 1	27°25	20°23	9°56	15°15	22°48	24°16	5°D43	7° 4	26°47	n.a.	T 4
W 5	18 22 20	4°22'07	19° 3	8°57	19°15	28° 2	20°16	9°55	15°15	22°47	24°16	5°44	7° 1	26°54	n.a.	W 5
T 6	18 26 16	5°19'37	2♍37	8°10	20°29	28°40	20° 9	9°54	15°15	22°45	24°16	5°45	6°58	27° 1	n.a.	T 6
F 7	18 30 13	6°17'09	16°24	7°22	21°43	29°18	20° 1	9°54	15°15	22°44	24°16	5°47	6°55	27° 7	n.a.	F 7
S 8	18 34 9	7°14'41	0♎22	6°34	22°56	29°56	19°54	9°53	15°16	22°42	24°15	5°48	6°51	27°14	n.a.	S 8
S 9	18 38 6	8°12'15	14°31	5°47	24°10	0♍34	19°47	9°52	15°16	22°40	24°15	5°R48	6°48	27°21	n.a.	S 9
M10	18 42 2	9° 9'50	28°49	5° 3	25°24	1°12	19°40	9°51	15°17	22°39	24°15	5°47	6°45	27°28	n.a.	M10
T 11	18 45 59	10° 7'25	13♏13	4°21	26°38	1°50	19°34	9°50	15°17	22°37	24°15	5°44	6°42	27°34	n.a.	T 11
W12	18 49 56	11° 5'02	27°40	3°43	27°52	2°29	19°27	9°49	15°18	22°36	24°15	5°41	6°39	27°41	n.a.	W12
T 13	18 53 52	12° 2'40	12♐ 4	3°10	29° 6	3° 7	19°20	9°47	15°18	22°34	24°15	5°38	6°36	27°48	n.a.	T 13
F 14	18 57 49	13° 0'20	26°19	2°42	0♌20	3°46	19°14	9°46	15°19	22°32	24°14	5°35	6°32	27°54	n.a.	F 14
S 15	19 1 45	13°58'01	10♑22	2°20	1°34	4°24	19° 7	9°44	15°19	22°31	24°14	5°33	6°29	28° 1	n.a.	S 15
S 16	19 5 42	14°55'43	24° 8	2° 4	2°48	5° 3	19° 1	9°43	15°20	22°29	24°14	5°31	6°26	28° 8	n.a.	S 16
M17	19 9 38	15°53'27	7♒34	1°56	4° 1	5°42	18°55	9°41	15°21	22°28	24°13	5°D31	6°23	28°15	n.a.	M17
T 18	19 13 35	16°51'12	20°39	1°D54	5°15	6°20	18°49	9°39	15°22	22°26	24°13	5°32	6°20	28°21	n.a.	T 18
W19	19 17 31	17°48'59	3♓24	2° 1	6°29	6°59	18°43	9°37	15°23	22°24	24°13	5°33	6°17	28°28	n.a.	W19
T 20	19 21 28	18°46'48	15°51	2°15	7°43	7°38	18°37	9°35	15°24	22°23	24°12	5°34	6°13	28°35	n.a.	T 20
F 21	19 25 25	19°44'39	28° 3	2°36	8°57	8°17	18°32	9°33	15°25	22°21	24°12	5°35	6°10	28°41	n.a.	F 21
S 22	19 29 21	20°42'32	10♈ 5	3° 6	10°11	8°56	18°26	9°31	15°26	22°19	24°12	5°36	6° 7	28°48	n.a.	S 22
S 23	19 33 18	21°40'26	22° 0	3°43	11°25	9°36	18°21	9°29	15°27	22°18	24°11	5°R37	6° 4	28°55	n.a.	S 23
M24	19 37 14	22°38'23	3♉53	4°28	12°39	10°15	18°15	9°26	15°28	22°16	24°11	5°36	6° 1	29° 2	n.a.	M24
T 25	19 41 11	23°36'21	15°49	5°20	13°52	10°54	18°10	9°24	15°29	22°14	24°10	5°35	5°57	29° 8	n.a.	T 25
W26	19 45 7	24°34'22	27°52	6°19	15° 6	11°34	18° 6	9°21	15°30	22°13	24°10	5°34	5°54	29°15	n.a.	W26
T 27	19 49 4	25°32'24	10♊ 6	7°25	16°20	12°13	18° 1	9°18	15°32	22°11	24° 9	5°33	5°51	29°22	n.a.	T 27
F 28	19 53 0	26°30'29	22°34	8°37	17°34	12°53	17°56	9°16	15°33	22°10	24° 9	5°31	5°48	29°29	n.a.	F 28
S 29	19 56 57	27°28'35	5♋18	9°55	18°48	13°33	17°52	9°13	15°34	22° 8	24° 8	5°30	5°45	29°35	n.a.	S 29
S 30	20 0 54	28°26'43	18°19	11°19	20° 2	14°12	17°48	9°10	15°36	22° 6	24° 8	5°30	5°42	29°42	n.a.	S 30
M31	20 4 50	29♋24'54	1♌37	12♋48	21♌16	14♍52	17♐44	9♓ 7	15♎37	22♑ 5	24♓ 7	5°D29	5♌38	29♈49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	20n28	3s16	18n58	4s18	24n21	1n22	13n56	0n48	23s43	0s16	10s10	2s24	5s35	0n32	22s 7	0s20	17s57	17s 9	19n 4	18n43	5n38		n.a.
S 2	23 46	21 8	2 18	18 53	4 25	24 14	1 23	13 43	0 47	23 43	0 17	10 10	2 25	5 35	0 32	22 8	0 20	17 58	17 9	19 5	18 44	5 40		n.a.
M 3	23 45	20 41	1 12	18 50	4 32	24 5	1 24	13 29	0 47	23 42	0 17	10 11	2 25	5 35	0 32	22 8	0 20	17 58	17 9	19 6	18 45	5 43		n.a.
T 4	23 43	19 6	0 0	18 49	4 36	23 57	1 25	13 15	0 46	23 42	0 17	10 11	2 25	5 36	0 32	22 8	0 20	17 58	17 10	19 6	18 46	5 45		n.a.
W 5	23 42	16 28	1n12	18 49	4 39	23 47	1 26	13 1	0 45	23 41	0 17	10 12	2 26	5 36	0 32	22 8	0 20	17 59	17 10	19 6	18 46	5 47		n.a.
T 6	23 40	12 53	2 22	18 51	4 41	23 37	1 27	12 47	0 44	23 41	0 17	10 12	2 26	5 36	0 32	22 9	0 20	17 59	17 10	19 5	18 47	5 49		n.a.
F 7	23 37	8 34	3 24	18 54	4 40	23 25	1 27	12 33	0 43	23 41	0 17	10 13	2 26	5 36	0 32	22 9	0 20	17 59	17 11	19 5	18 48	5 52		n.a.
S 8	23 34	3 45	4 16	18 59	4 38	23 14	1 28	12 18	0 42	23 40	0 17	10 13	2 26	5 36	0 32	22 9	0 20	18 0	17 11	19 5	18 49	5 54		n.a.
S 9	23 31	1s19	4 52	19 5	4 34	23 1	1 28	12 4	0 41	23 40	0 18	10 14	2 27	5 36	0 32	22 10	0 20	18 0	17 11	19 5	18 50	5 56		n.a.
M10	23 27	6 21	5 11	19 13	4 28	22 48	1 29	11 50	0 41	23 39	0 18	10 15	2 27	5 36	0 32	22 10	0 20	18 0	17 12	19 5	18 50	5 59		n.a.
T 11	23 23	11 5	5 11	19 22	4 20	22 34	1 29	11 35	0 40	23 39	0 18	10 15	2 27	5 37	0 32	22 10	0 20	18 1	17 12	19 6	18 51	6 1		n.a.
W12	23 18	15 11	4 51	19 32	4 11	22 20	1 29	11 20	0 39	23 39	0 18	10 16	2 28	5 37	0 32	22 10	0 20	18 1	17 12	19 6	18 52	6 3		n.a.
T 13	23 13	18 22	4 13	19 44	4 0	22 5	1 30	11 5	0 38	23 38	0 18	10 17	2 28	5 37	0 32	22 11	0 20	18 2	17 13	19 7	18 53	6 5		n.a.
F 14	23 7	20 24	3 19	19 57	3 48	21 49	1 30	10 51	0 37	23 38	0 18	10 18	2 28	5 37	0 32	22 11	0 20	18 2	17 13	19 8	18 54	6 8		n.a.
S 15	23 2	21 8	2 14	20 10	3 35	21 33	1 30	10 36	0 36	23 37	0 18	10 18	2 28	5 38	0 32	22 11	0 20	18 2	17 13	19 9	18 54	6 10		n.a.
S 16	22 55	20 34	1 2	20 25	3 20	21 16	1 30	10 20	0 36	23 37	0 19	10 19	2 29	5 38	0 32	22 12	0 20	18 3	17 14	19 9	18 55	6 12		n.a.
M17	22 48	18 49	0s11	20 40	3 5	20 58	1 30	10 5	0 35	23 37	0 19	10 20	2 29	5 38	0 32	22 12	0 20	18 3	17 14	19 9	18 56	6 14		n.a.
T 18	22 41	16 6	1 23	20 56	2 49	20 40	1 30	9 50	0 34	23 36	0 19	10 21	2 29	5 39	0 32	22 12	0 20	18 4	17 14	19 9	18 57	6 17		n.a.
W19	22 34	12 41	2 28	21 13	2 33	20 21	1 30	9 35	0 33	23 36	0 19	10 22	2 29	5 39	0 32	22 12	0 20	18 4	17 15	19 9	18 58	6 19		n.a.
T 20	22 26	8 47	3 25	21 29	2 16	20 2	1 29	9 19	0 32	23 35	0 19	10 23	2 30	5 40	0 31	22 13	0 20	18 5	17 15	19 8	18 58	6 21		n.a.
F 21	22 18	4 37	4 11	21 46	1 59	19 42	1 29	9 4	0 31	23 35	0 19	10 24	2 30	5 40	0 31	22 13	0 20	18 5	17 15	19 8	18 59	6 24		n.a.
S 22	22 9	0 19	4 45	22 2	1 42	19 21	1 29	8 48	0 31	23 35	0 19	10 25	2 30	5 40	0 31	22 13	0 20	18 5	17 16	19 8	19 0	6 26		n.a.
S 23	22 0	3n56	5 7	22 18	1 25	19 0	1 28	8 32	0 30	23 34	0 19	10 26	2 30	5 41	0 31	22 14	0 20	18 6	17 16	19 8	19 1	6 28		n.a.
M24	21 50	8 2	5 16	22 33	1 8	18 39	1 28	8 16	0 29	23 34	0 20	10 28	2 31	5 41	0 31	22 14	0 20	18 6	17 16	19 8	19 2	6 30		n.a.
T 25	21 40	11 50	5 11	22 48	0 52	18 17	1 27	8 1	0 28	23 34	0 20	10 29	2 31	5 42	0 31	22 14	0 20	18 7	17 17	19 8	19 2	6 33		n.a.
W26	21 30	15 12	4 53	23 1	0 36	17 54	1 26	7 45	0 27	23 33	0 20	10 30	2 31	5 42	0 31	22 14	0 20	18 7	17 17	19 8	19 3	6 35		n.a.
T 27	21 20	17 58	4 21	23 13	0 21	17 31	1 26	7 29	0 27	23 33	0 20	10 31	2 31	5 43	0 31	22 15	0 20	18 8	17 17	19 9	19 4	6 37		n.a.
F 28	21 9	19 58	3 36	23 23	0 6	17 7	1 25	7 13	0 26	23 33	0 20	10 33	2 32	5 43	0 31	22 15	0 20	18 8	17 18	19 9	19 5	6 40		n.a.
S 29	20 57	21 0	2 40	23 31	0n 8	16 43	1 24	6 56	0 25	23 32	0 20	10 34	2 32	5 44	0 31	22 15	0 20	18 9	17 18	19 9	19 6	6 42		n.a.
S 30	20 45	20 57	1 34	23 37	0 21	16 19	1 23	6 40	0 24	23 32	0 20	10 35	2 32	5 45	0 31	22 15	0 20	18 9	17 18	19 9	19 6	6 44		n.a.
M31	20n33	19n43	0s21	23n41	0n33	15n54	1n22	6n24	0n23	23s32	0s20	10s37	2s32	5s45	0n31	22s16	0s20	18s10	17s18	19n 9	19n 7	6n46		n.a.

Julian Day Number = 1492957.5, Delta T = 05h13m10s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'44, Lahiri = -12°35'44 Julian Calendar 1 July 626 BCE == Greg. Calendar 24 June 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

AUGUST 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 8 47	0♌23'06	15♌12	14♋22	22♌29	15♍32	17°R40	9°R 4	15♎39	22°R 3	24°R 6	5♌30	5♌35	29♈55	n.a.	T 1
W 2	20 12 43	1°21'20	29° 0	16° 0	23°43	16°12	17♐36	9♓ 0	15°40	22♑ 1	24♓ 6	5°30	5°32	0♉ 2	n.a.	W 2
T 3	20 16 40	2°19'35	12♍59	17°41	24°57	16°52	17°32	8°57	15°42	22° 0	24° 5	5°30	5°29	0° 9	n.a.	T 3
F 4	20 20 36	3°17'52	27° 7	19°25	26°11	17°33	17°29	8°54	15°44	21°58	24° 5	5°30	5°26	0°16	n.a.	F 4
S 5	20 24 33	4°16'11	11♎20	21°12	27°25	18°13	17°26	8°50	15°45	21°57	24° 4	5°31	5°23	0°22	n.a.	S 5
S 6	20 28 29	5°14'32	25°34	23° 1	28°39	18°53	17°23	8°47	15°47	21°55	24° 3	5°31	5°19	0°29	n.a.	S 6
M 7	20 32 26	6°12'54	9♏48	24°52	29°52	19°34	17°20	8°43	15°49	21°53	24° 3	5°31	5°16	0°36	n.a.	M 7
T 8	20 36 22	7°11'18	23°59	26°44	1♍ 6	20°14	17°17	8°40	15°51	21°52	24° 2	5°31	5°13	0°43	n.a.	T 8
W 9	20 40 19	8° 9'43	8♐ 5	28°37	2°20	20°55	17°15	8°36	15°53	21°50	24° 1	5°31	5°10	0°49	n.a.	W 9
T 10	20 44 16	9° 8'11	22° 2	0♌31	3°34	21°35	17°13	8°32	15°55	21°49	24° 0	5°31	5° 7	0°56	n.a.	T 10
F 11	20 48 12	10° 6'40	5♑50	2°25	4°47	22°16	17°11	8°28	15°57	21°47	24° 0	5°32	5° 3	1° 3	n.a.	F 11
S 12	20 52 9	11° 5'11	19°26	4°19	6° 1	22°57	17° 9	8°24	15°59	21°46	23°59	5°32	5° 0	1° 9	n.a.	S 12
S 13	20 56 5	12° 3'44	2♒48	6°13	7°15	23°38	17° 7	8°20	16° 1	21°44	23°58	5°R32	4°57	1°16	n.a.	S 13
M14	21 0 2	13° 2'19	15°56	8° 7	8°28	24°19	17° 6	8°16	16° 3	21°43	23°57	5°32	4°54	1°23	n.a.	M14
T 15	21 3 58	14° 0'56	28°48	10° 0	9°42	25° 0	17° 4	8°12	16° 5	21°41	23°56	5°31	4°51	1°30	n.a.	T 15
W16	21 7 55	14°59'35	11♓25	11°52	10°56	25°41	17° 3	8° 8	16° 7	21°40	23°55	5°30	4°48	1°36	n.a.	W16
T 17	21 11 51	15°58'16	23°47	13°44	12°10	26°22	17° 2	8° 4	16°10	21°38	23°55	5°29	4°44	1°43	n.a.	T 17
F 18	21 15 48	16°56'59	5♈58	15°36	13°23	27° 3	17° 1	8° 0	16°12	21°37	23°54	5°28	4°41	1°50	n.a.	F 18
S 19	21 19 45	17°55'45	17°59	17°26	14°37	27°45	17° 1	7°55	16°14	21°35	23°53	5°26	4°38	1°56	n.a.	S 19
S 20	21 23 41	18°54'33	29°53	19°16	15°50	28°26	17° 1	7°51	16°17	21°34	23°52	5°25	4°35	2° 3	n.a.	S 20
M21	21 27 38	19°53'24	11♉46	21° 4	17° 4	29° 8	17°D 0	7°47	16°19	21°33	23°51	5°24	4°32	2°10	n.a.	M21
T 22	21 31 34	20°52'17	23°41	22°52	18°18	29°49	17° 1	7°42	16°22	21°31	23°50	5°D24	4°29	2°17	n.a.	T 22
W23	21 35 31	21°51'12	5♊43	24°39	19°31	0♎31	17° 1	7°38	16°24	21°30	23°49	5°24	4°25	2°23	n.a.	W23
T 24	21 39 27	22°50'10	17°57	26°25	20°45	1°13	17° 1	7°33	16°27	21°28	23°48	5°25	4°22	2°30	n.a.	T 24
F 25	21 43 24	23°49'10	0♋27	28°10	21°58	1°54	17° 2	7°29	16°29	21°27	23°47	5°27	4°19	2°37	n.a.	F 25
S 26	21 47 20	24°48'13	13°16	29°54	23°12	2°36	17° 3	7°24	16°32	21°26	23°46	5°28	4°16	2°44	n.a.	S 26
S 27	21 51 17	25°47'18	26°27	1♍37	24°26	3°18	17° 4	7°19	16°35	21°24	23°45	5°29	4°13	2°50	n.a.	S 27
M28	21 55 14	26°46'25	10♌ 1	3°20	25°39	4° 0	17° 5	7°15	16°37	21°23	23°44	5°R29	4° 9	2°57	n.a.	M28
T 29	21 59 10	27°45'34	23°57	5° 1	26°53	4°42	17° 6	7°10	16°40	21°22	23°43	5°28	4° 6	3° 4	n.a.	T 29
W30	22 3 7	28°44'46	8♍12	6°42	28° 6	5°24	17° 8	7° 5	16°43	21°21	23°42	5°26	4° 3	3°10	n.a.	W30
T 31	22 7 3	29♌43'59	22♍40	8♍21	29♍20	6♎ 7	17♐10	7♓ 1	16♎46	21♑20	23♓41	5♌23	4♌ 0	3♉17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n21	17n21	0n54	23n43	0n44	15n29	1n21	6n 7	0n23	23s32	0s20	10s38	2s33	5s46	0n31	22s16	0s20	18s10	17s19	19n 9	19n 8	6n49			n.a.
W 2	20 8	13 57	2 7	23 42	0 55	15 3	1 20	5 51	0 22	23 31	0 20	10 39	2 33	5 46	0 31	22 16	0 20	18 11	17 19	19 9	19 9	6 51			n.a.
T 3	19 55	9 44	3 13	23 39	1 4	14 37	1 19	5 34	0 21	23 31	0 21	10 41	2 33	5 47	0 31	22 17	0 20	18 11	17 19	19 9	19 10	6 53			n.a.
F 4	19 41	4 57	4 9	23 32	1 13	14 10	1 17	5 18	0 20	23 31	0 21	10 42	2 33	5 48	0 31	22 17	0 20	18 12	17 20	19 9	19 10	6 55			n.a.
S 5	19 27	0s 7	4 49	23 24	1 20	13 43	1 16	5 1	0 19	23 31	0 21	10 44	2 34	5 49	0 31	22 17	0 20	18 12	17 20	19 9	19 11	6 58			n.a.
S 6	19 13	5 11	5 12	23 12	1 27	13 16	1 15	4 44	0 19	23 30	0 21	10 45	2 34	5 49	0 31	22 17	0 20	18 13	17 20	19 9	19 12	7 0			n.a.
M 7	18 59	9 57	5 16	22 58	1 33	12 49	1 13	4 28	0 18	23 30	0 21	10 47	2 34	5 50	0 31	22 18	0 20	18 13	17 20	19 9	19 13	7 2			n.a.
T 8	18 44	14 10	5 1	22 41	1 37	12 21	1 11	4 11	0 17	23 30	0 21	10 49	2 34	5 51	0 31	22 18	0 20	18 14	17 21	19 9	19 14	7 5			n.a.
W 9	18 29	17 33	4 27	22 22	1 41	11 52	1 10	3 54	0 16	23 30	0 21	10 50	2 34	5 52	0 31	22 18	0 20	18 14	17 21	19 9	19 14	7 7			n.a.
T 10	18 13	19 54	3 38	22 1	1 44	11 24	1 8	3 37	0 15	23 30	0 21	10 52	2 35	5 52	0 31	22 18	0 20	18 15	17 21	19 9	19 15	7 9			n.a.
F 11	17 57	21 1	2 37	21 37	1 47	10 55	1 6	3 20	0 15	23 30	0 21	10 53	2 35	5 53	0 31	22 19	0 20	18 15	17 21	19 9	19 16	7 11			n.a.
S 12	17 41	20 53	1 28	21 12	1 48	10 26	1 5	3 3	0 14	23 30	0 21	10 55	2 35	5 54	0 31	22 19	0 20	18 16	17 22	19 9	19 17	7 14			n.a.
S 13	17 25	19 33	0 15	20 44	1 49	9 56	1 3	2 46	0 13	23 30	0 21	10 57	2 35	5 55	0 31	22 19	0 20	18 16	17 22	19 9	19 17	7 16			n.a.
M14	17 8	17 11	0s57	20 15	1 49	9 27	1 1	2 29	0 12	23 29	0 22	10 58	2 35	5 56	0 31	22 19	0 20	18 17	17 22	19 9	19 18	7 18			n.a.
T 15	16 51	14 0	2 5	19 44	1 49	8 57	0 59	2 11	0 12	23 29	0 22	11 0	2 35	5 57	0 31	22 20	0 20	18 18	17 22	19 9	19 19	7 20			n.a.
W16	16 34	10 14	3 6	19 11	1 47	8 27	0 57	1 54	0 11	23 29	0 22	11 2	2 36	5 57	0 31	22 20	0 20	18 18	17 23	19 9	19 20	7 23			n.a.
T 17	16 16	6 6	3 56	18 37	1 46	7 56	0 55	1 37	0 10	23 29	0 22	11 4	2 36	5 58	0 31	22 20	0 20	18 19	17 23	19 10	19 21	7 25			n.a.
F 18	15 58	1 48	4 35	18 2	1 44	7 26	0 53	1 20	0 9	23 29	0 22	11 5	2 36	5 59	0 31	22 20	0 20	18 19	17 23	19 10	19 21	7 27			n.a.
S 19	15 40	2n31	5 1	17 25	1 41	6 55	0 50	1 2	0 8	23 29	0 22	11 7	2 36	6 0	0 30	22 21	0 20	18 20	17 23	19 10	19 22	7 30			n.a.
S 20	15 22	6 41	5 14	16 48	1 38	6 24	0 48	0 45	0 8	23 29	0 22	11 9	2 36	6 1	0 30	22 21	0 20	18 20	17 23	19 11	19 23	7 32			n.a.
M21	15 3	10 36	5 14	16 10	1 34	5 53	0 46	0 27	0 7	23 30	0 22	11 11	2 36	6 2	0 30	22 21	0 20	18 21	17 24	19 11	19 24	7 34			n.a.
T 22	14 44	14 7	5 0	15 30	1 31	5 21	0 44	0 10	0 6	23 30	0 22	11 13	2 36	6 3	0 30	22 21	0 20	18 21	17 24	19 11	19 24	7 36			n.a.
W23	14 25	17 5	4 33	14 50	1 26	4 50	0 41	0s 7	0 5	23 30	0 22	11 14	2 37	6 4	0 30	22 22	0 20	18 22	17 24	19 11	19 25	7 39			n.a.
T 24	14 6	19 21	3 53	14 10	1 22	4 18	0 39	0 25	0 5	23 30	0 22	11 16	2 37	6 5	0 30	22 22	0 20	18 22	17 24	19 11	19 26	7 41			n.a.
F 25	13 46	20 45	3 1	13 29	1 17	3 47	0 36	0 42	0 4	23 30	0 22	11 18	2 37	6 6	0 30	22 22	0 20	18 23	17 24	19 10	19 27	7 43			n.a.
S 26	13 26	21 7	1 59	12 47	1 12	3 15	0 34	1 0	0 3	23 30	0 22	11 20	2 37	6 7	0 30	22 22	0 20	18 24	17 24	19 10	19 27	7 45			n.a.
S 27	13 6	20 20	0 50	12 5	1 7	2 43	0 31	1 18	0 2	23 30	0 23	11 22	2 37	6 8	0 30	22 22	0 20	18 24	17 25	19 10	19 28	7 48			n.a.
M28	12 46	18 23	0n25	11 22	1 1	2 11	0 29	1 35	0 2	23 30	0 23	11 24	2 37	6 9	0 30	22 23	0 20	18 25	17 25	19 10	19 29	7 50			n.a.
T 29	12 25	15 17	1 40	10 39	0 55	1 39	0 26	1 53	0 1	23 31	0 23	11 26	2 37	6 10	0 30	22 23	0 20	18 25	17 25	19 10	19 30	7 52			n.a.
W30	12 4	11 14	2 50	9 56	0 49	1 7	0 23	2 10	0 0	23 31	0 23	11 27	2 37	6 12	0 30	22 23	0 20	18 26	17 25	19 10	19 31	7 55			n.a.
T 31	11n43	6n28	3n51	9n13	0n43	0n35	0n20	2s28	0s 1	23s31	0s23	11s29	2s37	6s13	0n30	22s23	0s20	18s26	17s25	19n11	19n31	7n57			n.a.

Julian Day Number = 1492988.5, Delta T = 05h13m09s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'40, Lahiri = -12°35'39 Julian Calendar 1 Aug. 626 BCE == Greg. Calendar 25 July 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

SEPTEMBER 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 11 0	0♍43'15	7♎16	10♍ 0	0♎33	6♎49	17♐12	6°R56	16♎49	21°R18	23°R40	5°R20	3♌57	3♉24	n.a.	F 1
S 2	22 14 56	1°42'33	21°53	11°38	1°46	7°31	17°14	6♓51	16°51	21♑17	23♓39	5♌16	3°54	3°31	n.a.	S 2
S 3	22 18 53	2°41'52	6♏25	13°15	3° 0	8°14	17°16	6°46	16°54	21°16	23°38	5°13	3°50	3°37	n.a.	S 3
M 4	22 22 49	3°41'14	20°47	14°52	4°13	8°56	17°19	6°41	16°57	21°15	23°37	5°11	3°47	3°44	n.a.	M 4
T 5	22 26 46	4°40'37	4♐55	16°28	5°27	9°39	17°22	6°37	17° 0	21°14	23°36	5°D11	3°44	3°51	n.a.	T 5
W 6	22 30 42	5°40'03	18°50	18° 2	6°40	10°21	17°25	6°32	17° 3	21°13	23°35	5°11	3°41	3°58	n.a.	W 6
T 7	22 34 39	6°39'30	2♑29	19°37	7°53	11° 4	17°28	6°27	17° 6	21°12	23°34	5°13	3°38	4° 4	n.a.	T 7
F 8	22 38 36	7°38'59	15°53	21°10	9° 7	11°47	17°31	6°22	17° 9	21°11	23°33	5°14	3°34	4°11	n.a.	F 8
S 9	22 42 32	8°38'30	29° 4	22°43	10°20	12°30	17°35	6°18	17°12	21°10	23°32	5°R15	3°31	4°18	n.a.	S 9
S 10	22 46 29	9°38'03	12♒ 2	24°15	11°33	13°13	17°39	6°13	17°16	21° 9	23°31	5°15	3°28	4°24	n.a.	S 10
M11	22 50 25	10°37'38	24°49	25°46	12°46	13°56	17°42	6° 8	17°19	21° 8	23°29	5°14	3°25	4°31	n.a.	M11
T 12	22 54 22	11°37'15	7♓24	27°16	14° 0	14°39	17°46	6° 3	17°22	21° 7	23°28	5°10	3°22	4°38	n.a.	T 12
W13	22 58 18	12°36'54	19°48	28°46	15°13	15°22	17°51	5°58	17°25	21° 6	23°27	5° 5	3°19	4°45	n.a.	W13
T 14	23 2 15	13°36'35	2♈ 3	0♎15	16°26	16° 5	17°55	5°54	17°28	21° 5	23°26	4°58	3°15	4°51	n.a.	T 14
F 15	23 6 11	14°36'18	14° 8	1°44	17°39	16°48	18° 0	5°49	17°32	21° 4	23°25	4°51	3°12	4°58	n.a.	F 15
S 16	23 10 8	15°36'04	26° 6	3°12	18°52	17°32	18° 5	5°44	17°35	21° 4	23°24	4°43	3° 9	5° 5	n.a.	S 16
S 17	23 14 4	16°35'52	8♉ 0	4°39	20° 5	18°15	18° 9	5°40	17°38	21° 3	23°23	4°36	3° 6	5°11	n.a.	S 17
M18	23 18 1	17°35'42	19°51	6° 5	21°18	18°58	18°15	5°35	17°42	21° 2	23°22	4°31	3° 3	5°18	n.a.	M18
T 19	23 21 58	18°35'34	1♊44	7°30	22°32	19°42	18°20	5°30	17°45	21° 1	23°20	4°27	3° 0	5°25	n.a.	T 19
W20	23 25 54	19°35'29	13°43	8°55	23°45	20°26	18°25	5°26	17°48	21° 1	23°19	4°25	2°56	5°32	n.a.	W20
T 21	23 29 51	20°35'27	25°53	10°19	24°58	21° 9	18°31	5°21	17°52	21° 0	23°18	4°D25	2°53	5°38	n.a.	T 21
F 22	23 33 47	21°35'26	8♋19	11°42	26°10	21°53	18°37	5°17	17°55	20°59	23°17	4°26	2°50	5°45	n.a.	F 22
S 23	23 37 44	22°35'28	21° 5	13° 4	27°23	22°37	18°43	5°12	17°59	20°59	23°16	4°28	2°47	5°52	n.a.	S 23
S 24	23 41 40	23°35'32	4♌16	14°25	28°36	23°21	18°49	5° 8	18° 2	20°58	23°15	4°R28	2°44	5°59	n.a.	S 24
M25	23 45 37	24°35'39	17°55	15°45	29°49	24° 5	18°55	5° 3	18° 6	20°58	23°14	4°27	2°40	6° 5	n.a.	M25
T 26	23 49 33	25°35'47	2♍ 1	17° 4	1♏ 2	24°49	19° 2	4°59	18° 9	20°57	23°12	4°24	2°37	6°12	n.a.	T 26
W27	23 53 30	26°35'58	16°33	18°22	2°15	25°33	19° 8	4°55	18°13	20°57	23°11	4°19	2°34	6°19	n.a.	W27
T 28	23 57 27	27°36'10	1♎24	19°38	3°28	26°17	19°15	4°50	18°16	20°56	23°10	4°12	2°31	6°25	n.a.	T 28
F 29	0 1 23	28°36'25	16°26	20°53	4°41	27° 1	19°22	4°46	18°20	20°56	23° 9	4° 3	2°28	6°32	n.a.	F 29
S 30	0 5 20	29♍36'41	1♏29	22♎ 7	5♏53	27♎45	19♐29	4♓42	18♎23	20♑56	23♓ 8	3♌54	2♌25	6♉39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n22	1n18	4n37	8n29	0n37	0n 3	0n18	2s46	0s 1	23s31	0s23	11s31	2s38	6s14	0n30	22s23	0s20	18s27	17s25	19n12	19n32	7n59		n.a.
S 2	11 1	3s56	5 5	7 46	0 30	0s29	0 15	3 3	0 2	23 32	0 23	11 33	2 38	6 15	0 30	22 24	0 20	18 27	17 26	19 13	19 33	8 1		n.a.
S 3	10 39	8 55	5 13	7 2	0 24	1 2	0 12	3 21	0 3	23 32	0 23	11 35	2 38	6 16	0 30	22 24	0 20	18 28	17 26	19 13	19 34	8 4		n.a.
M 4	10 18	13 21	5 2	6 18	0 17	1 34	0 9	3 39	0 3	23 32	0 23	11 37	2 38	6 17	0 30	22 24	0 20	18 28	17 26	19 14	19 34	8 6		n.a.
T 5	9 56	16 57	4 32	5 35	0 10	2 6	0 6	3 56	0 4	23 33	0 23	11 39	2 38	6 18	0 30	22 24	0 20	18 29	17 26	19 14	19 35	8 8		n.a.
W 6	9 34	19 31	3 47	4 51	0 4	2 38	0 3	4 14	0 5	23 33	0 23	11 40	2 38	6 20	0 30	22 24	0 20	18 29	17 26	19 14	19 36	8 10		n.a.
T 7	9 11	20 55	2 50	4 7	0s 3	3 10	0 0	4 31	0 6	23 33	0 23	11 42	2 38	6 21	0 30	22 25	0 20	18 30	17 26	19 14	19 37	8 13		n.a.
F 8	8 49	21 5	1 44	3 24	0 10	3 42	0s 3	4 49	0 6	23 34	0 23	11 44	2 38	6 22	0 30	22 25	0 20	18 31	17 26	19 13	19 37	8 15		n.a.
S 9	8 26	20 5	0 34	2 40	0 17	4 14	0 6	5 7	0 7	23 34	0 23	11 46	2 38	6 23	0 30	22 25	0 20	18 31	17 26	19 13	19 38	8 17		n.a.
S 10	8 4	18 0	0s37	1 57	0 24	4 46	0 9	5 24	0 8	23 34	0 23	11 48	2 38	6 25	0 30	22 25	0 20	18 32	17 26	19 13	19 39	8 19		n.a.
M11	7 41	15 4	1 45	1 14	0 31	5 18	0 12	5 42	0 9	23 35	0 23	11 50	2 38	6 26	0 30	22 25	0 20	18 32	17 26	19 13	19 40	8 22		n.a.
T 12	7 18	11 28	2 46	0 31	0 38	5 49	0 15	5 59	0 9	23 35	0 24	11 51	2 38	6 27	0 30	22 25	0 20	18 33	17 26	19 14	19 40	8 24		n.a.
W13	6 55	7 26	3 38	0s12	0 45	6 21	0 18	6 17	0 10	23 36	0 24	11 53	2 38	6 28	0 30	22 25	0 20	18 33	17 27	19 16	19 41	8 26		n.a.
T 14	6 32	3 8	4 20	0 54	0 52	6 52	0 21	6 34	0 11	23 36	0 24	11 55	2 38	6 30	0 30	22 26	0 20	18 34	17 27	19 17	19 42	8 29		n.a.
F 15	6 9	1n13	4 49	1 36	0 59	7 23	0 24	6 52	0 11	23 37	0 24	11 57	2 38	6 31	0 30	22 26	0 20	18 34	17 27	19 19	19 43	8 31		n.a.
S 16	5 45	5 29	5 5	2 18	1 6	7 55	0 27	7 9	0 12	23 37	0 24	11 58	2 38	6 32	0 30	22 26	0 20	18 35	17 27	19 21	19 43	8 33		n.a.
S 17	5 22	9 30	5 8	2 59	1 13	8 26	0 30	7 27	0 13	23 38	0 24	12 0	2 38	6 33	0 30	22 26	0 20	18 35	17 27	19 23	19 44	8 35		n.a.
M18	4 58	13 10	4 58	3 40	1 19	8 56	0 33	7 44	0 13	23 38	0 24	12 2	2 38	6 35	0 30	22 26	0 20	18 36	17 27	19 24	19 45	8 38		n.a.
T 19	4 34	16 18	4 35	4 20	1 26	9 27	0 37	8 2	0 14	23 39	0 24	12 4	2 38	6 36	0 30	22 26	0 20	18 36	17 27	19 25	19 46	8 40		n.a.
W20	4 11	18 48	4 0	5 0	1 33	9 57	0 40	8 19	0 15	23 39	0 24	12 5	2 38	6 37	0 30	22 26	0 20	18 37	17 27	19 25	19 46	8 42		n.a.
T 21	3 47	20 29	3 13	5 39	1 39	10 27	0 43	8 36	0 16	23 40	0 24	12 7	2 38	6 39	0 30	22 26	0 20	18 37	17 27	19 25	19 47	8 44		n.a.
F 22	3 23	21 14	2 16	6 18	1 45	10 57	0 46	8 53	0 16	23 40	0 24	12 9	2 38	6 40	0 30	22 27	0 20	18 37	17 27	19 25	19 48	8 47		n.a.
S 23	2 59	20 55	1 12	6 56	1 51	11 27	0 49	9 11	0 17	23 41	0 24	12 10	2 38	6 41	0 30	22 27	0 20	18 38	17 27	19 25	19 48	8 49		n.a.
S 24	2 35	19 26	0 1	7 34	1 57	11 56	0 52	9 28	0 18	23 42	0 24	12 12	2 38	6 43	0 30	22 27	0 20	18 38	17 27	19 24	19 49	8 51		n.a.
M25	2 11	16 49	1n12	8 10	2 3	12 25	0 55	9 45	0 18	23 42	0 24	12 13	2 38	6 44	0 30	22 27	0 20	18 39	17 27	19 25	19 50	8 53		n.a.
T 26	1 46	13 7	2 22	8 46	2 9	12 54	0 58	10 2	0 19	23 43	0 24	12 15	2 38	6 46	0 30	22 27	0 20	18 39	17 27	19 25	19 51	8 56		n.a.
W27	1 22	8 32	3 26	9 21	2 14	13 23	1 1	10 19	0 20	23 43	0 24	12 17	2 37	6 47	0 30	22 27	0 20	18 40	17 27	19 27	19 51	8 58		n.a.
T 28	0 58	3 22	4 17	9 56	2 19	13 51	1 4	10 36	0 20	23 44	0 24	12 18	2 37	6 48	0 30	22 27	0 20	18 40	17 27	19 28	19 52	9 0		n.a.
F 29	0 34	2s 5	4 51	10 29	2 24	14 19	1 8	10 52	0 21	23 45	0 24	12 20	2 37	6 50	0 30	22 27	0 20	18 41	17 27	19 31	19 53	9 2		n.a.
S 30	0n 9	7s24	5n 5	11s 1	2s28	14s46	1s11	11s 9	0s22	23s45	0s24	12s21	2s37	6s51	0n30	22s27	0s20	18s41	17s27	19n33	19n54	9n 5		n.a.

Julian Day Number = 1493019.5, Delta T = 05h13m07s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'36, Lahiri = -12°35'35 Julian Calendar 1 Sept. 626 BCE == Greg. Calendar 25 Aug. 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

OCTOBER 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 9 16	0♎36'59	16♏25	23♎18	7♏ 6	28♎29	19♐36	4°R38	18♎27	20°R55	23°R 7	3°R47	2♌21	6♉46	n.a.	S 1
M 2	0 13 13	1°37'19	1♐ 5	24°28	8°19	29°14	19°44	4♓34	18°31	20♑55	23♓ 6	3♌41	2°18	6°52	n.a.	M 2
T 3	0 17 9	2°37'40	15°23	25°35	9°31	29°58	19°51	4°30	18°34	20°55	23° 4	3°37	2°15	6°59	n.a.	T 3
W 4	0 21 6	3°38'03	29°19	26°40	10°44	0♏43	19°59	4°26	18°38	20°55	23° 3	3°D36	2°12	7° 6	n.a.	W 4
T 5	0 25 2	4°38'27	12♑52	27°43	11°56	1°27	20° 7	4°22	18°42	20°54	23° 2	3°36	2° 9	7°13	n.a.	T 5
F 6	0 28 59	5°38'53	26° 5	28°42	13° 9	2°12	20°15	4°19	18°45	20°54	23° 1	3°37	2° 6	7°19	n.a.	F 6
S 7	0 32 55	6°39'21	9♒ 0	29°38	14°21	2°57	20°23	4°15	18°49	20°54	23° 0	3°R37	2° 2	7°26	n.a.	S 7
S 8	0 36 52	7°39'50	21°40	0♏30	15°34	3°41	20°31	4°12	18°53	20°54	22°59	3°35	1°59	7°33	n.a.	S 8
M 9	0 40 49	8°40'20	4♓ 8	1°17	16°46	4°26	20°40	4° 8	18°56	20°54	22°58	3°31	1°56	7°39	n.a.	M 9
T 10	0 44 45	9°40'52	16°27	2° 0	17°59	5°11	20°48	4° 5	19° 0	20°D54	22°57	3°24	1°53	7°46	n.a.	T 10
W11	0 48 42	10°41'25	28°39	2°38	19°11	5°56	20°57	4° 1	19° 4	20°54	22°56	3°14	1°50	7°53	n.a.	W11
T 12	0 52 38	11°42'00	10♈43	3° 9	20°23	6°41	21° 6	3°58	19° 7	20°54	22°54	3° 2	1°46	8° 0	n.a.	T 12
F 13	0 56 35	12°42'37	22°42	3°33	21°35	7°26	21°15	3°55	19°11	20°54	22°53	2°49	1°43	8° 6	n.a.	F 13
S 14	1 0 31	13°43'15	4♉37	3°50	22°47	8°11	21°24	3°52	19°15	20°54	22°52	2°35	1°40	8°13	n.a.	S 14
S 15	1 4 28	14°43'55	16°29	3°R59	23°59	8°56	21°33	3°49	19°19	20°54	22°51	2°22	1°37	8°20	n.a.	S 15
M16	1 8 24	15°44'37	28°20	3°59	25°12	9°41	21°43	3°46	19°22	20°54	22°50	2°11	1°34	8°26	n.a.	M16
T 17	1 12 21	16°45'21	10♊13	3°50	26°24	10°26	21°52	3°43	19°26	20°55	22°49	2° 3	1°31	8°33	n.a.	T 17
W18	1 16 18	17°46'06	22°10	3°30	27°35	11°12	22° 2	3°40	19°30	20°55	22°48	1°57	1°27	8°40	n.a.	W18
T 19	1 20 14	18°46'53	4♋17	2°59	28°47	11°57	22°11	3°37	19°33	20°55	22°47	1°55	1°24	8°47	n.a.	T 19
F 20	1 24 11	19°47'41	16°38	2°18	29°59	12°42	22°21	3°35	19°37	20°56	22°46	1°D54	1°21	8°53	n.a.	F 20
S 21	1 28 7	20°48'32	29°18	1°27	1♐11	13°28	22°31	3°32	19°41	20°56	22°45	1°R54	1°18	9° 0	n.a.	S 21
S 22	1 32 4	21°49'24	12♌22	0°26	2°23	14°13	22°41	3°30	19°45	20°56	22°44	1°53	1°15	9° 7	n.a.	S 22
M23	1 36 0	22°50'17	25°54	29♎16	3°34	14°59	22°51	3°28	19°48	20°57	22°43	1°52	1°11	9°14	n.a.	M23
T 24	1 39 57	23°51'12	9♍57	28° 0	4°46	15°44	23° 2	3°26	19°52	20°57	22°42	1°47	1° 8	9°20	n.a.	T 24
W25	1 43 53	24°52'09	24°28	26°40	5°57	16°30	23°12	3°24	19°56	20°58	22°41	1°40	1° 5	9°27	n.a.	W25
T 26	1 47 50	25°53'07	9♎25	25°17	7° 9	17°16	23°23	3°22	20° 0	20°58	22°40	1°31	1° 2	9°34	n.a.	T 26
F 27	1 51 47	26°54'06	24°40	23°56	8°20	18° 1	23°33	3°20	20° 3	20°59	22°39	1°19	0°59	9°40	n.a.	F 27
S 28	1 55 43	27°55'07	10♏ 0	22°38	9°31	18°47	23°44	3°18	20° 7	20°59	22°38	1° 7	0°56	9°47	n.a.	S 28
S 29	1 59 40	28°56'08	25°16	21°27	10°43	19°33	23°55	3°16	20°11	21° 0	22°38	0°56	0°52	9°54	n.a.	S 29
M30	2 3 36	29°57'11	10♐15	20°24	11°54	20°19	24° 6	3°15	20°14	21° 1	22°37	0°48	0°49	10° 1	n.a.	M30
T 31	2 7 33	0♏58'14	24♐50	19♎30	13♐ 5	21♏ 5	24♐17	3♓13	20♎18	21♑ 1	22♓36	0♌42	0♌46	10♉ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	0s15	12s13	4n58	11s32	2s32	15s14	1s14	11s26	0s22	23s46	0s25	12s22	2s37	6s52	0n30	22s27	0s20	18s41	17s27	19n34	19n54	9n 7			n.a.
M 2	0 39	16 14	4 31	12 1	2 36	15 40	1 17	11 42	0 23	23 46	0 25	12 24	2 37	6 54	0 29	22 27	0 20	18 42	17 26	19 36	19 55	9 9			n.a.
T 3	1 4	19 11	3 48	12 30	2 39	16 7	1 19	11 59	0 24	23 47	0 25	12 25	2 37	6 55	0 29	22 27	0 20	18 42	17 26	19 37	19 56	9 11			n.a.
W 4	1 28	20 54	2 52	12 56	2 42	16 33	1 22	12 15	0 24	23 48	0 25	12 26	2 37	6 57	0 29	22 27	0 20	18 43	17 26	19 37	19 57	9 14			n.a.
T 5	1 52	21 20	1 48	13 21	2 45	16 59	1 25	12 32	0 25	23 48	0 25	12 28	2 37	6 58	0 29	22 27	0 20	18 43	17 26	19 37	19 57	9 16			n.a.
F 6	2 16	20 34	0 40	13 45	2 46	17 24	1 28	12 48	0 26	23 49	0 25	12 29	2 37	7 0	0 29	22 27	0 20	18 43	17 26	19 37	19 58	9 18			n.a.
S 7	2 41	18 43	0s29	14 6	2 47	17 49	1 31	13 4	0 26	23 50	0 25	12 30	2 36	7 1	0 29	22 27	0 21	18 44	17 26	19 37	19 59	9 20			n.a.
S 8	3 5	15 58	1 35	14 25	2 48	18 13	1 34	13 20	0 27	23 50	0 25	12 32	2 36	7 2	0 29	22 27	0 21	18 44	17 26	19 37	19 59	9 23			n.a.
M 9	3 29	12 31	2 35	14 41	2 47	18 37	1 36	13 36	0 27	23 51	0 25	12 33	2 36	7 4	0 29	22 27	0 21	18 44	17 26	19 38	20 0	9 25			n.a.
T 10	3 53	8 35	3 27	14 55	2 46	19 0	1 39	13 52	0 28	23 52	0 25	12 34	2 36	7 5	0 29	22 27	0 21	18 45	17 26	19 40	20 1	9 27			n.a.
W11	4 17	4 20	4 9	15 6	2 44	19 23	1 42	14 8	0 29	23 52	0 25	12 35	2 36	7 7	0 29	22 27	0 21	18 45	17 26	19 42	20 2	9 29			n.a.
T 12	4 41	0n 2	4 39	15 14	2 40	19 46	1 44	14 24	0 29	23 53	0 25	12 36	2 36	7 8	0 29	22 27	0 21	18 45	17 25	19 45	20 2	9 32			n.a.
F 13	5 5	4 22	4 56	15 19	2 36	20 8	1 47	14 39	0 30	23 54	0 25	12 37	2 36	7 10	0 29	22 27	0 21	18 46	17 25	19 48	20 3	9 34			n.a.
S 14	5 29	8 31	5 1	15 19	2 30	20 29	1 49	14 54	0 31	23 54	0 25	12 38	2 35	7 11	0 29	22 27	0 21	18 46	17 25	19 51	20 4	9 36			n.a.
S 15	5 53	12 20	4 52	15 16	2 23	20 50	1 52	15 10	0 31	23 55	0 25	12 39	2 35	7 12	0 29	22 27	0 21	18 46	17 25	19 54	20 4	9 38			n.a.
M16	6 17	15 40	4 31	15 7	2 14	21 10	1 54	15 25	0 32	23 56	0 25	12 40	2 35	7 14	0 29	22 27	0 21	18 47	17 25	19 57	20 5	9 41			n.a.
T 17	6 40	18 22	3 58	14 54	2 4	21 30	1 56	15 40	0 32	23 56	0 25	12 41	2 35	7 15	0 29	22 27	0 21	18 47	17 25	19 59	20 6	9 43			n.a.
W18	7 4	20 19	3 14	14 36	1 52	21 49	1 59	15 55	0 33	23 57	0 25	12 42	2 35	7 17	0 29	22 27	0 21	18 47	17 25	20 0	20 7	9 45			n.a.
T 19	7 27	21 21	2 21	14 13	1 39	22 8	2 1	16 10	0 34	23 58	0 25	12 43	2 35	7 18	0 29	22 27	0 21	18 47	17 24	20 0	20 7	9 47			n.a.
F 20	7 51	21 24	1 20	13 44	1 23	22 26	2 3	16 24	0 34	23 58	0 25	12 43	2 34	7 20	0 29	22 27	0 21	18 48	17 24	20 1	20 8	9 50			n.a.
S 21	8 14	20 21	0 14	13 11	1 7	22 43	2 5	16 39	0 35	23 59	0 26	12 44	2 34	7 21	0 29	22 27	0 21	18 48	17 24	20 1	20 9	9 52			n.a.
S 22	8 37	18 12	0n55	12 32	0 48	23 0	2 7	16 53	0 35	23 59	0 26	12 45	2 34	7 22	0 29	22 27	0 21	18 48	17 24	20 1	20 9	9 54			n.a.
M23	9 0	14 59	2 3	11 49	0 29	23 16	2 9	17 7	0 36	24 0	0 26	12 45	2 34	7 24	0 29	22 27	0 21	18 48	17 24	20 1	20 10	9 56			n.a.
T 24	9 23	10 49	3 6	11 2	0 8	23 32	2 11	17 21	0 36	24 1	0 26	12 46	2 34	7 25	0 29	22 27	0 21	18 48	17 23	20 2	20 11	9 59			n.a.
W25	9 46	5 53	4 0	10 14	0n12	23 46	2 13	17 35	0 37	24 1	0 26	12 47	2 33	7 27	0 29	22 27	0 21	18 49	17 23	20 4	20 12	10 1			n.a.
T 26	10 8	0 28	4 38	9 25	0 33	24 1	2 14	17 49	0 38	24 2	0 26	12 47	2 33	7 28	0 29	22 27	0 21	18 49	17 23	20 6	20 12	10 3			n.a.
F 27	10 30	5s 4	4 58	8 36	0 53	24 14	2 16	18 3	0 38	24 2	0 26	12 48	2 33	7 30	0 29	22 27	0 21	18 49	17 23	20 8	20 13	10 5			n.a.
S 28	10 53	10 20	4 56	7 49	1 12	24 27	2 17	18 16	0 39	24 3	0 26	12 48	2 33	7 31	0 29	22 27	0 21	18 49	17 23	20 11	20 14	10 8			n.a.
S 29	11 15	14 55	4 34	7 6	1 29	24 39	2 19	18 29	0 39	24 4	0 26	12 49	2 33	7 32	0 29	22 26	0 21	18 49	17 22	20 13	20 14	10 10			n.a.
M30	11 37	18 28	3 53	6 28	1 45	24 51	2 20	18 43	0 40	24 4	0 26	12 49	2 32	7 34	0 29	22 26	0 21	18 50	17 22	20 15	20 15	10 12			n.a.
T 31	11s58	20s43	2n57	5s55	1n58	25s 1	2s22	18s55	0s40	24s 5	0s26	12s49	2s32	7s35	0n29	22s26	0s21	18s50	17s22	20n17	20n16	10n14			n.a.

Julian Day Number = 1493049.5, Delta T = 05h13m06s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'32, Lahiri = -12°35'31 Julian Calendar 1 Oct. 626 BCE == Greg. Calendar 24 Sept. 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

NOVEMBER 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 11 29	1♏59'19	8♑57	18°R48	14♐16	21♏51	24♐28	3°R12	20♎22	21♑ 2	22°R35	0°R39	0♌43	10♉14	n.a.	W 1
T 2	2 15 26	3° 0'24	22°37	18♎17	15°27	22°37	24°39	3♓11	20°26	21° 3	22♓34	0♌38	0°40	10°21	n.a.	T 2
F 3	2 19 22	4° 1'29	5♒50	17°57	16°38	23°23	24°51	3°10	20°29	21° 4	22°33	0°38	0°37	10°27	n.a.	F 3
S 4	2 23 19	5° 2'36	18°41	17°D49	17°48	24° 9	25° 2	3° 9	20°33	21° 4	22°32	0°37	0°33	10°34	n.a.	S 4
S 5	2 27 16	6° 3'42	1♓13	17°51	18°59	24°55	25°14	3° 8	20°37	21° 5	22°32	0°35	0°30	10°41	n.a.	S 5
M 6	2 31 12	7° 4'50	13°32	18° 3	20°10	25°41	25°25	3° 7	20°40	21° 6	22°31	0°31	0°27	10°48	n.a.	M 6
T 7	2 35 9	8° 5'58	25°40	18°24	21°20	26°28	25°37	3° 6	20°44	21° 7	22°30	0°23	0°24	10°54	n.a.	T 7
W 8	2 39 5	9° 7'06	7♈42	18°53	22°30	27°14	25°49	3° 6	20°47	21° 8	22°29	0°13	0°21	11° 1	n.a.	W 8
T 9	2 43 2	10° 8'16	19°38	19°30	23°40	28° 0	26° 1	3° 5	20°51	21° 9	22°29	29♋59	0°17	11° 8	n.a.	T 9
F 10	2 46 58	11° 9'25	1♉33	20°13	24°51	28°47	26°13	3° 5	20°55	21°10	22°28	29°45	0°14	11°15	n.a.	F 10
S 11	2 50 55	12°10'36	13°25	21° 2	26° 0	29°33	26°25	3° 5	20°58	21°11	22°27	29°30	0°11	11°21	n.a.	S 11
S 12	2 54 51	13°11'47	25°18	21°56	27°10	0♐19	26°37	3° 4	21° 2	21°12	22°27	29°16	0° 8	11°28	n.a.	S 12
M13	2 58 48	14°12'59	7♊12	22°54	28°20	1° 6	26°49	3°D 4	21° 5	21°13	22°26	29° 4	0° 5	11°35	n.a.	M13
T 14	3 2 45	15°14'11	19° 8	23°57	29°30	1°52	27° 1	3° 4	21° 9	21°15	22°25	28°55	0° 2	11°41	n.a.	T 14
W15	3 6 41	16°15'24	1♋10	25° 3	0♑39	2°39	27°14	3° 5	21°12	21°16	22°25	28°49	29♋58	11°48	n.a.	W15
T 16	3 10 38	17°16'38	13°20	26°12	1°48	3°26	27°26	3° 5	21°16	21°17	22°24	28°45	29°55	11°55	n.a.	T 16
F 17	3 14 34	18°17'53	25°42	27°23	2°58	4°12	27°39	3° 5	21°19	21°18	22°23	28°D44	29°52	12° 2	n.a.	F 17
S 18	3 18 31	19°19'08	8♌19	28°37	4° 7	4°59	27°51	3° 6	21°23	21°19	22°23	28°44	29°49	12° 8	n.a.	S 18
S 19	3 22 27	20°20'24	21°18	29°53	5°15	5°46	28° 4	3° 7	21°26	21°21	22°22	28°R45	29°46	12°15	n.a.	S 19
M20	3 26 24	21°21'40	4♍40	1♏11	6°24	6°32	28°17	3° 7	21°29	21°22	22°22	28°44	29°43	12°22	n.a.	M20
T 21	3 30 21	22°22'57	18°30	2°30	7°33	7°19	28°29	3° 8	21°33	21°23	22°21	28°41	29°39	12°28	n.a.	T 21
W22	3 34 17	23°24'14	2♎49	3°51	8°41	8° 6	28°42	3° 9	21°36	21°25	22°21	28°36	29°36	12°35	n.a.	W22
T 23	3 38 14	24°25'32	17°34	5°13	9°49	8°53	28°55	3°10	21°39	21°26	22°20	28°28	29°33	12°42	n.a.	T 23
F 24	3 42 10	25°26'50	2♏40	6°36	10°58	9°40	29° 8	3°12	21°43	21°28	22°20	28°18	29°30	12°49	n.a.	F 24
S 25	3 46 7	26°28'09	17°58	8° 0	12° 5	10°26	29°21	3°13	21°46	21°29	22°19	28° 8	29°27	12°55	n.a.	S 25
S 26	3 50 3	27°29'27	3♐16	9°25	13°13	11°13	29°34	3°14	21°49	21°31	22°19	27°59	29°23	13° 2	n.a.	S 26
M27	3 54 0	28°30'46	18°23	10°50	14°21	12° 0	29°48	3°16	21°52	21°32	22°19	27°52	29°20	13° 9	n.a.	M27
T 28	3 57 56	29°32'04	3♑10	12°17	15°28	12°47	0♑ 1	3°18	21°55	21°34	22°18	27°47	29°17	13°16	n.a.	T 28
W29	4 1 53	0♐33'23	17°30	13°44	16°35	13°34	0°14	3°19	21°59	21°35	22°18	27°44	29°14	13°22	n.a.	W29
T 30	4 5 50	1♐34'41	1♒21	15♏11	17♑42	14♐21	0♑27	3♓21	22♎ 2	21♑37	22♓18	27°D44	29♋11	13♉29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12s20	21s36	1n52	5s28	2n10	25s11	2s23	19s 8	0s41	24s 5	0s26	12s50	2s32	7s37	0n29	22s26	0s21	18s50	17s22	20n17	20n16	10n16		n.a.
T 2	12 41	21 9	0 42	5 7	2 20	25 21	2 24	19 21	0 41	24 6	0 26	12 50	2 32	7 38	0 29	22 26	0 21	18 50	17 21	20 18	20 17	10 19		n.a.
F 3	13 2	19 31	0s27	4 52	2 27	25 29	2 25	19 33	0 42	24 6	0 26	12 50	2 32	7 40	0 29	22 26	0 21	18 50	17 21	20 18	20 18	10 21		n.a.
S 4	13 23	16 55	1 34	4 44	2 33	25 37	2 26	19 45	0 43	24 7	0 26	12 50	2 31	7 41	0 29	22 26	0 21	18 50	17 21	20 18	20 19	10 23		n.a.
S 5	13 44	13 35	2 34	4 41	2 37	25 44	2 27	19 57	0 43	24 7	0 26	12 50	2 31	7 42	0 29	22 26	0 21	18 50	17 21	20 18	20 19	10 25		n.a.
M 6	14 4	9 43	3 26	4 44	2 39	25 51	2 27	20 9	0 44	24 8	0 26	12 50	2 31	7 44	0 29	22 26	0 21	18 50	17 20	20 19	20 20	10 28		n.a.
T 7	14 24	5 31	4 7	4 51	2 40	25 56	2 28	20 21	0 44	24 8	0 26	12 50	2 31	7 45	0 29	22 25	0 21	18 50	17 20	20 21	20 21	10 30		n.a.
W 8	14 44	1 9	4 37	5 3	2 39	26 1	2 28	20 32	0 45	24 9	0 27	12 50	2 30	7 46	0 29	22 25	0 21	18 50	17 20	20 23	20 21	10 32		n.a.
T 9	15 4	3n15	4 55	5 18	2 38	26 6	2 29	20 43	0 45	24 9	0 27	12 50	2 30	7 48	0 29	22 25	0 21	18 50	17 20	20 26	20 22	10 34		n.a.
F 10	15 23	7 30	5 0	5 37	2 35	26 9	2 29	20 54	0 46	24 9	0 27	12 50	2 30	7 49	0 29	22 25	0 21	18 50	17 19	20 29	20 23	10 37		n.a.
S 11	15 42	11 27	4 51	5 58	2 32	26 12	2 29	21 5	0 46	24 10	0 27	12 50	2 30	7 51	0 29	22 25	0 21	18 50	17 19	20 32	20 23	10 39		n.a.
S 12	16 1	14 59	4 30	6 22	2 28	26 14	2 29	21 15	0 47	24 10	0 27	12 50	2 29	7 52	0 29	22 25	0 21	18 50	17 19	20 35	20 24	10 41		n.a.
M13	16 19	17 55	3 57	6 49	2 23	26 15	2 29	21 26	0 47	24 11	0 27	12 50	2 29	7 53	0 29	22 24	0 21	18 50	17 18	20 38	20 25	10 43		n.a.
T 14	16 38	20 6	3 13	7 17	2 18	26 15	2 29	21 36	0 48	24 11	0 27	12 50	2 29	7 55	0 29	22 24	0 21	18 50	17 18	20 40	20 25	10 45		n.a.
W15	16 56	21 25	2 21	7 46	2 12	26 15	2 29	21 46	0 48	24 11	0 27	12 49	2 29	7 56	0 29	22 24	0 21	18 50	17 18	20 41	20 26	10 48		n.a.
T 16	17 13	21 45	1 21	8 17	2 6	26 14	2 28	21 55	0 48	24 12	0 27	12 49	2 29	7 57	0 29	22 24	0 21	18 50	17 18	20 42	20 27	10 50		n.a.
F 17	17 31	21 2	0 16	8 49	2 0	26 12	2 28	22 5	0 49	24 12	0 27	12 49	2 28	7 58	0 29	22 24	0 21	18 50	17 17	20 42	20 27	10 52		n.a.
S 18	17 48	19 15	0n51	9 22	1 53	26 9	2 27	22 14	0 49	24 12	0 27	12 48	2 28	8 0	0 29	22 23	0 21	18 50	17 17	20 42	20 28	10 54		n.a.
S 19	18 5	16 26	1 57	9 56	1 47	26 6	2 27	22 23	0 50	24 12	0 27	12 48	2 28	8 1	0 29	22 23	0 21	18 50	17 17	20 42	20 29	10 57		n.a.
M20	18 21	12 42	2 59	10 30	1 40	26 2	2 26	22 31	0 50	24 13	0 27	12 47	2 28	8 2	0 29	22 23	0 21	18 50	17 16	20 42	20 30	10 59		n.a.
T 21	18 37	8 10	3 52	11 4	1 32	25 57	2 25	22 40	0 51	24 13	0 27	12 47	2 27	8 4	0 29	22 23	0 21	18 50	17 16	20 42	20 30	11 1		n.a.
W22	18 53	3 2	4 34	11 39	1 25	25 52	2 24	22 48	0 51	24 13	0 27	12 46	2 27	8 5	0 29	22 23	0 21	18 50	17 16	20 44	20 31	11 3		n.a.
T 23	19 8	2s24	4 58	12 13	1 18	25 46	2 22	22 56	0 52	24 13	0 27	12 45	2 27	8 6	0 29	22 22	0 21	18 50	17 15	20 45	20 32	11 5		n.a.
F 24	19 23	7 50	5 2	12 48	1 10	25 39	2 21	23 4	0 52	24 13	0 27	12 45	2 27	8 7	0 29	22 22	0 21	18 50	17 15	20 47	20 32	11 8		n.a.
S 25	19 38	12 51	4 46	13 23	1 3	25 31	2 19	23 11	0 52	24 14	0 28	12 44	2 26	8 9	0 29	22 22	0 21	18 50	17 15	20 49	20 33	11 10		n.a.
S 26	19 52	17 2	4 8	13 57	0 55	25 23	2 18	23 18	0 53	24 14	0 28	12 43	2 26	8 10	0 29	22 22	0 21	18 49	17 14	20 51	20 34	11 12		n.a.
M27	20 6	20 2	3 14	14 32	0 48	25 14	2 16	23 25	0 53	24 14	0 28	12 43	2 26	8 11	0 29	22 21	0 21	18 49	17 14	20 53	20 34	11 14		n.a.
T 28	20 20	21 36	2 7	15 6	0 40	25 5	2 14	23 32	0 54	24 14	0 28	12 42	2 26	8 12	0 29	22 21	0 21	18 49	17 14	20 54	20 35	11 16		n.a.
W29	20 33	21 42	0 54	15 39	0 33	24 54	2 12	23 38	0 54	24 14	0 28	12 41	2 25	8 13	0 29	22 21	0 21	18 49	17 13	20 54	20 36	11 19		n.a.
T 30	20s46	20s27	0s19	16s13	0n25	24s43	2s10	23s44	0s54	24s14	0s28	12s40	2s25	8s14	0n29	22s21	0s21	18s49	17s13	20n54	20n36	11n21		n.a.

Julian Day Number = 1493080.5, Delta T = 05h13m04s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'27, Lahiri = -12°35'27 Julian Calendar 1 Nov. 626 BCE == Greg. Calendar 25 Oct. 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 626 BCE
geocentric

DECEMBER 626 BCE (-625) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 9 46	2♐35'58	14♒44	16♏39	18♑49	15♐ 8	0♑41	3♓23	22♎ 5	21♑39	22°R17	27♋44	29♋ 8	13♉36	n.a.	F 1
S 2	4 13 43	3°37'15	27°40	18° 8	19°55	15°55	0°54	3°25	22° 8	21°40	22♓17	27°R45	29° 4	13°42	n.a.	S 2
S 3	4 17 39	4°38'32	10♓15	19°37	21° 1	16°42	1° 8	3°28	22°11	21°42	22°17	27°45	29° 1	13°49	n.a.	S 3
M 4	4 21 36	5°39'48	22°33	21° 7	22° 7	17°30	1°21	3°30	22°14	21°44	22°17	27°44	28°58	13°56	n.a.	M 4
T 5	4 25 32	6°41'03	4♈38	22°37	23°13	18°17	1°35	3°32	22°17	21°45	22°16	27°40	28°55	14° 3	n.a.	T 5
W 6	4 29 29	7°42'18	16°35	24° 8	24°19	19° 4	1°48	3°35	22°20	21°47	22°16	27°33	28°52	14° 9	n.a.	W 6
T 7	4 33 25	8°43'32	28°28	25°39	25°24	19°51	2° 2	3°37	22°23	21°49	22°16	27°25	28°48	14°16	n.a.	T 7
F 8	4 37 22	9°44'46	10♉19	27°10	26°29	20°38	2°16	3°40	22°25	21°51	22°16	27°16	28°45	14°23	n.a.	F 8
S 9	4 41 19	10°45'59	22°12	28°43	27°33	21°25	2°30	3°43	22°28	21°52	22°16	27° 6	28°42	14°29	n.a.	S 9
S 10	4 45 15	11°47'11	4♊ 7	0♐15	28°37	22°13	2°43	3°46	22°31	21°54	22°16	26°57	28°39	14°36	n.a.	S 10
M11	4 49 12	12°48'23	16° 7	1°48	29°41	23° 0	2°57	3°49	22°34	21°56	22°16	26°49	28°36	14°43	n.a.	M11
T 12	4 53 8	13°49'35	28°12	3°21	0♒45	23°47	3°11	3°52	22°36	21°58	22°16	26°43	28°33	14°50	n.a.	T 12
W13	4 57 5	14°50'46	10♋25	4°55	1°48	24°34	3°25	3°55	22°39	22° 0	22°16	26°40	28°29	14°56	n.a.	W13
T 14	5 1 1	15°51'56	22°47	6°30	2°51	25°22	3°39	3°59	22°42	22° 2	22°D16	26°D38	28°26	15° 3	n.a.	T 14
F 15	5 4 58	16°53'06	5♌19	8° 5	3°54	26° 9	3°53	4° 2	22°44	22° 4	22°16	26°39	28°23	15°10	n.a.	F 15
S 16	5 8 55	17°54'15	18° 5	9°40	4°56	26°56	4° 7	4° 6	22°47	22° 6	22°16	26°40	28°20	15°16	n.a.	S 16
S 17	5 12 51	18°55'24	1♍ 7	11°16	5°58	27°44	4°21	4° 9	22°49	22° 8	22°16	26°41	28°17	15°23	n.a.	S 17
M18	5 16 48	19°56'32	14°28	12°52	6°59	28°31	4°35	4°13	22°52	22°10	22°16	26°R43	28°14	15°30	n.a.	M18
T 19	5 20 44	20°57'40	28°10	14°29	8° 1	29°18	4°49	4°17	22°54	22°12	22°16	26°42	28°10	15°37	n.a.	T 19
W20	5 24 41	21°58'47	12♎14	16° 7	9° 1	0♑ 6	5° 3	4°21	22°57	22°14	22°16	26°41	28° 7	15°43	n.a.	W20
T 21	5 28 37	22°59'53	26°40	17°45	10° 1	0°53	5°17	4°25	22°59	22°16	22°16	26°38	28° 4	15°50	n.a.	T 21
F 22	5 32 34	24° 0'59	11♏24	19°24	11° 1	1°40	5°31	4°29	23° 1	22°18	22°16	26°33	28° 1	15°57	n.a.	F 22
S 23	5 36 30	25° 2'04	26°20	21° 4	12° 0	2°28	5°45	4°33	23° 3	22°20	22°17	26°28	27°58	16° 4	n.a.	S 23
S 24	5 40 27	26° 3'08	11♐21	22°44	12°59	3°15	6° 0	4°37	23° 6	22°22	22°17	26°24	27°54	16°10	n.a.	S 24
M25	5 44 24	27° 4'11	26°16	24°25	13°58	4° 3	6°14	4°42	23° 8	22°24	22°17	26°20	27°51	16°17	n.a.	M25
T 26	5 48 20	28° 5'14	10♑58	26° 6	14°55	4°50	6°28	4°46	23°10	22°26	22°17	26°18	27°48	16°24	n.a.	T 26
W27	5 52 17	29° 6'15	25°20	27°48	15°53	5°37	6°42	4°51	23°12	22°28	22°18	26°D17	27°45	16°30	n.a.	W27
T 28	5 56 13	0♑ 7'14	9♒17	29°31	16°49	6°25	6°57	4°55	23°14	22°30	22°18	26°18	27°42	16°37	n.a.	T 28
F 29	6 0 10	1° 8'13	22°47	1♑14	17°45	7°12	7°11	5° 0	23°16	22°32	22°18	26°19	27°39	16°44	n.a.	F 29
S 30	6 4 6	2° 9'09	5♓52	2°58	18°41	8° 0	7°25	5° 5	23°18	22°35	22°19	26°21	27°35	16°51	n.a.	S 30
S 31	6 8 3	3♑10'04	18♓33	4♑43	19♒36	8♑47	7♑39	5♓10	23♎20	22♑37	22♓19	26♋22	27♋32	16♉57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s58	18s 4	1s30	16s45	0n18	24s32	2s 7	23s50	0s55	24s14	0s28	12s39	2s25	8s16	0n29	22s20	0s21	18s49	17s13	20n54	20n37	11n23		n.a.
S 2	21 10	14 51	2 34	17 18	0 11	24 20	2 5	23 56	0 55	24 14	0 28	12 38	2 25	8 17	0 29	22 20	0 21	18 48	17 12	20 54	20 38	11 25		n.a.
S 3	21 22	11 1	3 28	17 49	0 4	24 7	2 2	24 1	0 56	24 14	0 28	12 37	2 25	8 18	0 29	22 20	0 21	18 48	17 12	20 54	20 38	11 27		n.a.
M 4	21 33	6 50	4 11	18 21	0s 4	23 53	2 0	24 6	0 56	24 14	0 28	12 36	2 24	8 19	0 29	22 20	0 21	18 48	17 11	20 54	20 39	11 30		n.a.
T 5	21 43	2 27	4 43	18 51	0 11	23 39	1 57	24 11	0 56	24 14	0 28	12 35	2 24	8 20	0 29	22 19	0 21	18 48	17 11	20 55	20 40	11 32		n.a.
W 6	21 54	1n59	5 1	19 21	0 17	23 25	1 54	24 15	0 57	24 14	0 28	12 34	2 24	8 21	0 29	22 19	0 21	18 47	17 11	20 56	20 40	11 34		n.a.
T 7	22 4	6 18	5 7	19 50	0 24	23 10	1 50	24 19	0 57	24 14	0 28	12 32	2 24	8 22	0 29	22 19	0 21	18 47	17 10	20 58	20 41	11 36		n.a.
F 8	22 13	10 23	4 59	20 18	0 31	22 54	1 47	24 23	0 57	24 13	0 28	12 31	2 23	8 23	0 29	22 19	0 21	18 47	17 10	21 0	20 42	11 38		n.a.
S 9	22 22	14 5	4 38	20 45	0 37	22 38	1 44	24 27	0 58	24 13	0 29	12 30	2 23	8 24	0 29	22 18	0 21	18 47	17 10	21 2	20 42	11 41		n.a.
S 10	22 31	17 15	4 5	21 12	0 44	22 21	1 40	24 30	0 58	24 13	0 29	12 29	2 23	8 25	0 29	22 18	0 21	18 46	17 9	21 3	20 43	11 43		n.a.
M11	22 39	19 42	3 21	21 37	0 50	22 4	1 36	24 33	0 58	24 13	0 29	12 27	2 23	8 26	0 29	22 18	0 21	18 46	17 9	21 5	20 44	11 45		n.a.
T 12	22 46	21 18	2 28	22 2	0 56	21 46	1 32	24 36	0 59	24 13	0 29	12 26	2 23	8 27	0 29	22 17	0 21	18 46	17 9	21 6	20 44	11 47		n.a.
W13	22 54	21 55	1 27	22 25	1 1	21 28	1 28	24 38	0 59	24 12	0 29	12 25	2 22	8 28	0 30	22 17	0 21	18 45	17 8	21 7	20 45	11 49		n.a.
T 14	23 0	21 28	0 21	22 47	1 7	21 9	1 24	24 40	0 59	24 12	0 29	12 23	2 22	8 29	0 30	22 17	0 21	18 45	17 8	21 7	20 45	11 52		n.a.
F 15	23 7	19 58	0n47	23 9	1 12	20 50	1 19	24 42	0 59	24 12	0 29	12 22	2 22	8 30	0 30	22 16	0 21	18 45	17 7	21 7	20 46	11 54		n.a.
S 16	23 13	17 26	1 54	23 29	1 18	20 30	1 15	24 44	1 0	24 11	0 29	12 20	2 22	8 31	0 30	22 16	0 21	18 44	17 7	21 7	20 47	11 56		n.a.
S 17	23 18	13 58	2 57	23 48	1 22	20 10	1 10	24 45	1 0	24 11	0 29	12 19	2 21	8 32	0 30	22 16	0 21	18 44	17 7	21 6	20 47	11 58		n.a.
M18	23 23	9 45	3 51	24 6	1 27	19 50	1 5	24 46	1 0	24 11	0 29	12 17	2 21	8 33	0 30	22 15	0 21	18 44	17 6	21 6	20 48	12 0		n.a.
T 19	23 27	4 55	4 34	24 22	1 32	19 29	1 0	24 47	1 1	24 10	0 29	12 15	2 21	8 34	0 30	22 15	0 21	18 43	17 6	21 6	20 49	12 3		n.a.
W20	23 31	0s16	5 2	24 37	1 36	19 8	0 55	24 47	1 1	24 10	0 29	12 14	2 21	8 35	0 30	22 15	0 21	18 43	17 6	21 7	20 49	12 5		n.a.
T 21	23 35	5 35	5 12	24 51	1 40	18 47	0 50	24 47	1 1	24 9	0 29	12 12	2 21	8 36	0 30	22 14	0 21	18 42	17 5	21 7	20 50	12 7		n.a.
F 22	23 38	10 41	5 2	25 4	1 43	18 25	0 44	24 47	1 1	24 9	0 30	12 10	2 20	8 37	0 30	22 14	0 21	18 42	17 5	21 8	20 51	12 9		n.a.
S 23	23 40	15 13	4 31	25 14	1 47	18 3	0 39	24 46	1 2	24 8	0 30	12 9	2 20	8 37	0 30	22 14	0 21	18 42	17 4	21 9	20 51	12 11		n.a.
S 24	23 43	18 48	3 41	25 24	1 50	17 40	0 33	24 45	1 2	24 8	0 30	12 7	2 20	8 38	0 30	22 13	0 21	18 41	17 4	21 10	20 52	12 13		n.a.
M25	23 44	21 6	2 37	25 31	1 53	17 18	0 27	24 44	1 2	24 7	0 30	12 5	2 20	8 39	0 30	22 13	0 21	18 41	17 4	21 11	20 53	12 16		n.a.
T 26	23 45	21 56	1 23	25 38	1 55	16 55	0 21	24 43	1 2	24 6	0 30	12 3	2 20	8 40	0 30	22 13	0 21	18 40	17 3	21 11	20 53	12 18		n.a.
W27	23 46	21 17	0 5	25 42	1 57	16 32	0 14	24 41	1 2	24 6	0 30	12 1	2 19	8 41	0 30	22 12	0 21	18 40	17 3	21 11	20 54	12 20		n.a.
T 28	23 46	19 19	1s11	25 45	1 59	16 8	0 8	24 39	1 3	24 5	0 30	11 59	2 19	8 41	0 30	22 12	0 21	18 39	17 3	21 11	20 54	12 22		n.a.
F 29	23 46	16 19	2 21	25 46	2 0	15 45	0 1	24 37	1 3	24 4	0 30	11 58	2 19	8 42	0 30	22 12	0 21	18 39	17 2	21 11	20 55	12 24		n.a.
S 30	23 45	12 35	3 21	25 45	2 1	15 21	0n 5	24 34	1 3	24 4	0 30	11 56	2 19	8 43	0 30	22 11	0 21	18 38	17 2	21 10	20 56	12 26		n.a.
S 31	23s44	8s24	4s 9	25s42	2s 1	14s57	0n12	24s32	1s 3	24s 3	0s30	11s54	2s19	8s43	0n30	22s11	0s21	18s38	17s 2	21n10	20n56	12n29		n.a.

Julian Day Number = 1493110.5, Delta T = 05h13m03s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'23, Lahiri = -12°35'23 Julian Calendar 1 Dec. 626 BCE == Greg. Calendar 24 Nov. 626 BCE

The year -625 astronomical counting style corresponds to year 626 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

JANUARY 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 11 59	4♑10'58	0♈56	6♑29	20♒30	9♑34	7♑54	5♓15	23♎21	22♑39	22♓19	26°R23	27♋29	17♉ 4	n.a.	M 1
T 2	6 15 56	5°11'50	13° 3	8°15	21°23	10°22	8° 8	5°20	23°23	22°41	22°20	26♋23	27°26	17°11	n.a.	T 2
W 3	6 19 53	6°12'40	25° 1	10° 1	22°16	11° 9	8°22	5°25	23°25	22°43	22°20	26°21	27°23	17°17	n.a.	W 3
T 4	6 23 49	7°13'29	6♉54	11°49	23° 8	11°57	8°36	5°30	23°27	22°45	22°21	26°19	27°20	17°24	n.a.	T 4
F 5	6 27 46	8°14'16	18°45	13°36	24° 0	12°44	8°51	5°35	23°28	22°48	22°21	26°17	27°16	17°31	n.a.	F 5
S 6	6 31 42	9°15'01	0♊38	15°25	24°50	13°31	9° 5	5°40	23°30	22°50	22°22	26°14	27°13	17°38	n.a.	S 6
S 7	6 35 39	10°15'45	12°37	17°13	25°40	14°19	9°19	5°46	23°31	22°52	22°22	26°11	27°10	17°44	n.a.	S 7
M 8	6 39 35	11°16'27	24°44	19° 2	26°29	15° 6	9°34	5°51	23°33	22°54	22°23	26° 9	27° 7	17°51	n.a.	M 8
T 9	6 43 32	12°17'08	7♋ 1	20°52	27°17	15°54	9°48	5°57	23°34	22°57	22°23	26° 7	27° 4	17°58	n.a.	T 9
W10	6 47 29	13°17'47	19°29	22°41	28° 4	16°41	10° 2	6° 3	23°36	22°59	22°24	26° 6	27° 0	18° 4	n.a.	W10
T 11	6 51 25	14°18'24	2♌ 9	24°30	28°50	17°28	10°17	6° 8	23°37	23° 1	22°24	26°D 6	26°57	18°11	n.a.	T 11
F 12	6 55 22	15°19'00	15° 1	26°19	29°35	18°16	10°31	6°14	23°38	23° 3	22°25	26° 7	26°54	18°18	n.a.	F 12
S 13	6 59 18	16°19'34	28° 6	28° 7	0♓19	19° 3	10°45	6°20	23°39	23° 6	22°26	26° 8	26°51	18°25	n.a.	S 13
S 14	7 3 15	17°20'07	11♍25	29°54	1° 2	19°50	10°59	6°26	23°41	23° 8	22°26	26° 9	26°48	18°31	n.a.	S 14
M15	7 7 11	18°20'38	24°57	1♒40	1°43	20°38	11°14	6°32	23°42	23°10	22°27	26° 9	26°45	18°38	n.a.	M15
T 16	7 11 8	19°21'08	8♎43	3°24	2°24	21°25	11°28	6°38	23°43	23°12	22°28	26°10	26°41	18°45	n.a.	T 16
W17	7 15 4	20°21'37	22°43	5° 7	3° 4	22°12	11°42	6°44	23°44	23°15	22°29	26°R10	26°38	18°51	n.a.	W17
T 18	7 19 1	21°22'04	6♏55	6°47	3°42	22°59	11°56	6°50	23°45	23°17	22°29	26°10	26°35	18°58	n.a.	T 18
F 19	7 22 57	22°22'29	21°17	8°24	4°19	23°47	12°10	6°56	23°46	23°19	22°30	26°10	26°32	19° 5	n.a.	F 19
S 20	7 26 54	23°22'53	5♐47	9°57	4°54	24°34	12°25	7° 3	23°46	23°22	22°31	26° 9	26°29	19°12	n.a.	S 20
S 21	7 30 51	24°23'16	20°19	11°27	5°28	25°21	12°39	7° 9	23°47	23°24	22°32	26° 9	26°26	19°18	n.a.	S 21
M22	7 34 47	25°23'36	4♑48	12°51	6° 1	26° 8	12°53	7°15	23°48	23°26	22°32	26° 9	26°22	19°25	n.a.	M22
T 23	7 38 44	26°23'55	19° 8	14°11	6°32	26°56	13° 7	7°22	23°49	23°28	22°33	26° 9	26°19	19°32	n.a.	T 23
W24	7 42 40	27°24'13	3♒15	15°24	7° 2	27°43	13°21	7°28	23°49	23°31	22°34	26° 9	26°16	19°38	n.a.	W24
T 25	7 46 37	28°24'28	17° 3	16°31	7°30	28°30	13°35	7°35	23°50	23°33	22°35	26° 9	26°13	19°45	n.a.	T 25
F 26	7 50 33	29°24'41	0♓31	17°30	7°56	29°17	13°49	7°41	23°50	23°35	22°36	26° 8	26°10	19°52	n.a.	F 26
S 27	7 54 30	0♒24'52	13°37	18°22	8°21	0♒ 4	14° 3	7°48	23°51	23°37	22°37	26° 8	26° 6	19°59	n.a.	S 27
S 28	7 58 27	1°25'01	26°23	19° 5	8°43	0°51	14°17	7°55	23°51	23°40	22°38	26° 7	26° 3	20° 5	n.a.	S 28
M29	8 2 23	2°25'07	8♈49	19°40	9° 4	1°38	14°31	8° 2	23°51	23°42	22°39	26° 7	26° 0	20°12	n.a.	M29
T 30	8 6 20	3°25'11	21° 0	20° 6	9°23	2°25	14°45	8° 8	23°52	23°44	22°40	26° 6	25°57	20°19	n.a.	T 30
W31	8 10 16	4♒25'13	3♉ 1	20♒23	9♓40	3♒12	14♑59	8♓15	23♎52	23♑47	22♓41	26°D 6	25♋54	20♉25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s42	3s58	4s45	25s37	2s 1	14s33	0n20	24s28	1s 3	24s 2	0s30	11s52	2s18	8s44	0n30	22s11	0s21	18s37	17s 1	21n10	20n57	12n31			n.a.
T 2	23 40	0n32	5 7	25 31	2 1	14 9	0 27	24 25	1 4	24 1	0 31	11 50	2 18	8 45	0 30	22 10	0 21	18 37	17 1	21 10	20 58	12 33			n.a.
W 3	23 37	4 56	5 15	25 22	2 0	13 44	0 34	24 21	1 4	24 1	0 31	11 47	2 18	8 45	0 30	22 10	0 21	18 36	17 0	21 10	20 58	12 35			n.a.
T 4	23 34	9 8	5 10	25 12	1 58	13 20	0 42	24 17	1 4	24 0	0 31	11 45	2 18	8 46	0 30	22 10	0 21	18 36	17 0	21 11	20 59	12 37			n.a.
F 5	23 31	12 58	4 51	24 59	1 56	12 56	0 50	24 13	1 4	23 59	0 31	11 43	2 18	8 47	0 30	22 9	0 21	18 35	17 0	21 11	21 0	12 39			n.a.
S 6	23 27	16 19	4 20	24 45	1 53	12 31	0 58	24 8	1 4	23 58	0 31	11 41	2 18	8 47	0 30	22 9	0 21	18 35	16 59	21 12	21 0	12 42			n.a.
S 7	23 22	19 1	3 38	24 28	1 50	12 7	1 6	24 3	1 4	23 57	0 31	11 39	2 17	8 48	0 30	22 9	0 21	18 34	16 59	21 12	21 1	12 44			n.a.
M 8	23 17	20 55	2 45	24 9	1 46	11 42	1 14	23 58	1 4	23 56	0 31	11 37	2 17	8 48	0 30	22 8	0 21	18 34	16 59	21 13	21 1	12 46			n.a.
T 9	23 12	21 51	1 44	23 48	1 42	11 18	1 22	23 53	1 5	23 55	0 31	11 34	2 17	8 49	0 30	22 8	0 21	18 33	16 58	21 13	21 2	12 48			n.a.
W10	23 6	21 44	0 37	23 25	1 37	10 53	1 31	23 47	1 5	23 54	0 31	11 32	2 17	8 49	0 30	22 7	0 21	18 33	16 58	21 13	21 3	12 50			n.a.
T 11	22 59	20 30	0n33	23 0	1 31	10 29	1 40	23 41	1 5	23 53	0 31	11 30	2 17	8 50	0 30	22 7	0 21	18 32	16 58	21 13	21 3	12 52			n.a.
F 12	22 53	18 11	1 43	22 34	1 24	10 5	1 49	23 35	1 5	23 52	0 32	11 28	2 17	8 50	0 30	22 7	0 21	18 32	16 57	21 13	21 4	12 55			n.a.
S 13	22 45	14 55	2 48	22 5	1 17	9 41	1 58	23 28	1 5	23 51	0 32	11 25	2 16	8 51	0 30	22 6	0 21	18 31	16 57	21 13	21 5	12 57			n.a.
S 14	22 38	10 51	3 46	21 34	1 9	9 17	2 7	23 21	1 5	23 50	0 32	11 23	2 16	8 51	0 30	22 6	0 21	18 31	16 57	21 13	21 5	12 59			n.a.
M15	22 30	6 10	4 31	21 2	1 0	8 53	2 17	23 14	1 5	23 49	0 32	11 20	2 16	8 51	0 30	22 6	0 21	18 30	16 56	21 13	21 6	13 1			n.a.
T 16	22 21	1 7	5 3	20 29	0 51	8 29	2 26	23 7	1 5	23 48	0 32	11 18	2 16	8 52	0 30	22 5	0 21	18 29	16 56	21 12	21 6	13 3			n.a.
W17	22 12	4s 4	5 17	19 54	0 40	8 6	2 36	22 59	1 5	23 47	0 32	11 16	2 16	8 52	0 30	22 5	0 21	18 29	16 56	21 12	21 7	13 5			n.a.
T 18	22 3	9 6	5 12	19 18	0 29	7 43	2 46	22 51	1 5	23 46	0 32	11 13	2 16	8 52	0 30	22 4	0 21	18 28	16 55	21 12	21 8	13 7			n.a.
F 19	21 53	13 43	4 47	18 42	0 17	7 20	2 56	22 43	1 5	23 44	0 32	11 11	2 16	8 53	0 30	22 4	0 21	18 28	16 55	21 13	21 8	13 10			n.a.
S 20	21 43	17 33	4 5	18 5	0 5	6 58	3 6	22 35	1 5	23 43	0 32	11 8	2 15	8 53	0 30	22 4	0 21	18 27	16 55	21 13	21 9	13 12			n.a.
S 21	21 32	20 19	3 6	17 27	0n 8	6 36	3 16	22 26	1 6	23 42	0 33	11 6	2 15	8 53	0 30	22 3	0 21	18 26	16 54	21 13	21 9	13 14			n.a.
M22	21 21	21 45	1 56	16 50	0 22	6 14	3 27	22 17	1 6	23 41	0 33	11 3	2 15	8 54	0 30	22 3	0 21	18 26	16 54	21 13	21 10	13 16			n.a.
T 23	21 10	21 44	0 39	16 13	0 36	5 52	3 37	22 8	1 6	23 39	0 33	11 1	2 15	8 54	0 30	22 2	0 21	18 25	16 54	21 13	21 11	13 18			n.a.
W24	20 58	20 20	0s39	15 38	0 51	5 32	3 48	21 59	1 6	23 38	0 33	10 58	2 15	8 54	0 30	22 2	0 21	18 25	16 54	21 13	21 11	13 20			n.a.
T 25	20 46	17 44	1 53	15 3	1 6	5 11	3 59	21 49	1 6	23 37	0 33	10 55	2 15	8 54	0 30	22 2	0 21	18 24	16 53	21 13	21 12	13 22			n.a.
F 26	20 33	14 14	2 59	14 31	1 21	4 51	4 10	21 39	1 6	23 35	0 33	10 53	2 15	8 54	0 30	22 1	0 21	18 23	16 53	21 13	21 13	13 25			n.a.
S 27	20 20	10 7	3 54	14 0	1 37	4 32	4 21	21 29	1 6	23 34	0 33	10 50	2 15	8 55	0 30	22 1	0 21	18 23	16 53	21 13	21 13	13 27			n.a.
S 28	20 7	5 40	4 35	13 32	1 52	4 13	4 32	21 19	1 6	23 33	0 33	10 48	2 15	8 55	0 30	22 1	0 21	18 22	16 52	21 13	21 14	13 29			n.a.
M29	19 54	1 5	5 3	13 6	2 8	3 55	4 43	21 8	1 6	23 31	0 34	10 45	2 14	8 55	0 30	22 0	0 21	18 21	16 52	21 13	21 14	13 31			n.a.
T 30	19 40	3n26	5 16	12 44	2 22	3 37	4 54	20 57	1 6	23 30	0 34	10 42	2 14	8 55	0 30	22 0	0 21	18 21	16 52	21 13	21 15	13 33			n.a.
W31	19s25	7n46	5s15	12s25	2n37	3s21	5n 5	20s46	1s 5	23s28	0s34	10s39	2s14	8s55	0n30	21s59	0s21	18s20	16s52	21n13	21n16	13n35			n.a.

Julian Day Number = 1493141.5, Delta T = 05h13m01s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'19, Lahiri = -12°35'19 Julian Calendar 1 Jan. 625 BCE == Greg. Calendar 25 Dec. 626 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

FEBRUARY 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 14 13	5♒25'13	14♉54	20°R30	9♓55	3♒59	15♑13	8♓22	23♎52	23♑49	22♓42	26♋ 6	25♋51	20♉32	n.a.	T 1
F 2	8 18 9	6°25'11	26°46	20♒28	10° 7	4°46	15°27	8°29	23°52	23°51	22°43	26° 7	25°47	20°39	n.a.	F 2
S 3	8 22 6	7°25'06	8♊40	20°17	10°18	5°33	15°41	8°36	23°52	23°53	22°44	26° 8	25°44	20°46	n.a.	S 3
S 4	8 26 2	8°24'59	20°42	19°58	10°26	6°20	15°55	8°43	23°R52	23°55	22°45	26° 9	25°41	20°52	n.a.	S 4
M 5	8 29 59	9°24'49	2♋54	19°30	10°32	7° 7	16° 8	8°50	23°52	23°58	22°46	26°10	25°38	20°59	n.a.	M 5
T 6	8 33 55	10°24'38	15°20	18°55	10°35	7°54	16°22	8°57	23°52	24° 0	22°47	26°11	25°35	21° 6	n.a.	T 6
W 7	8 37 52	11°24'24	28° 3	18°14	10°R36	8°41	16°36	9° 4	23°52	24° 2	22°48	26°R11	25°32	21°12	n.a.	W 7
T 8	8 41 49	12°24'08	11♌ 2	17°27	10°34	9°28	16°49	9°12	23°52	24° 4	22°49	26°11	25°28	21°19	n.a.	T 8
F 9	8 45 45	13°23'50	24°17	16°36	10°30	10°14	17° 3	9°19	23°52	24° 6	22°50	26° 9	25°25	21°26	n.a.	F 9
S 10	8 49 42	14°23'29	7♍49	15°41	10°24	11° 1	17°16	9°26	23°51	24° 9	22°51	26° 7	25°22	21°33	n.a.	S 10
S 11	8 53 38	15°23'07	21°34	14°45	10°15	11°48	17°30	9°33	23°51	24°11	22°52	26° 4	25°19	21°39	n.a.	S 11
M12	8 57 35	16°22'43	5♎29	13°48	10° 3	12°35	17°43	9°41	23°51	24°13	22°53	26° 2	25°16	21°46	n.a.	M12
T 13	9 1 31	17°22'16	19°33	12°52	9°49	13°21	17°57	9°48	23°50	24°15	22°55	25°59	25°12	21°53	n.a.	T 13
W14	9 5 28	18°21'48	3♏42	11°58	9°33	14° 8	18°10	9°55	23°50	24°17	22°56	25°57	25° 9	21°59	n.a.	W14
T 15	9 9 24	19°21'18	17°53	11° 6	9°14	14°55	18°23	10° 3	23°49	24°19	22°57	25°D57	25° 6	22° 6	n.a.	T 15
F 16	9 13 21	20°20'47	2♐ 5	10°18	8°53	15°41	18°36	10°10	23°49	24°21	22°58	25°57	25° 3	22°13	n.a.	F 16
S 17	9 17 18	21°20'13	16°14	9°34	8°29	16°28	18°50	10°18	23°48	24°23	22°59	25°58	25° 0	22°19	n.a.	S 17
S 18	9 21 14	22°19'38	0♑20	8°55	8° 3	17°14	19° 3	10°25	23°47	24°26	23° 1	26° 0	24°57	22°26	n.a.	S 18
M19	9 25 11	23°19'01	14°20	8°22	7°36	18° 1	19°16	10°32	23°46	24°28	23° 2	26° 1	24°53	22°33	n.a.	M19
T 20	9 29 7	24°18'21	28°12	7°54	7° 6	18°47	19°29	10°40	23°46	24°30	23° 3	26°R 2	24°50	22°40	n.a.	T 20
W21	9 33 4	25°17'40	11♒54	7°32	6°35	19°33	19°42	10°48	23°45	24°32	23° 4	26° 1	24°47	22°46	n.a.	W21
T 22	9 37 0	26°16'56	25°22	7°17	6° 2	20°20	19°55	10°55	23°44	24°34	23° 6	25°58	24°44	22°53	n.a.	T 22
F 23	9 40 57	27°16'11	8♓36	7° 7	5°27	21° 6	20° 8	11° 3	23°43	24°36	23° 7	25°54	24°41	23° 0	n.a.	F 23
S 24	9 44 53	28°15'23	21°33	7°D 2	4°52	21°52	20°20	11°10	23°42	24°38	23° 8	25°49	24°38	23° 6	n.a.	S 24
S 25	9 48 50	29°14'32	4♈14	7° 4	4°15	22°39	20°33	11°18	23°41	24°40	23° 9	25°43	24°34	23°13	n.a.	S 25
M26	9 52 46	0♓13'40	16°39	7°11	3°38	23°25	20°46	11°26	23°40	24°42	23°11	25°37	24°31	23°20	n.a.	M26
T 27	9 56 43	1°12'45	28°50	7°23	3° 0	24°11	20°58	11°33	23°38	24°44	23°12	25°32	24°28	23°27	n.a.	T 27
W28	10 0 40	2°11'47	10♉51	7°41	2°22	24°57	21°11	11°41	23°37	24°45	23°13	25°29	24°25	23°33	n.a.	W28
T 29	10 4 36	3♓10'48	22♉45	8♒ 3	1♓44	25♒43	21♑23	11♓49	23♎36	24♑47	23♓15	25♋26	24♋22	23♉40	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s11	11n45	5s 0	12s10	2n50	3s 5	5n17	20s35	1s 5	23s27	0s34	10s37	2s14	8s55	0n30	21s59	0s21	18s19	16s51	21n13	21n16	13n37		n.a.
F 2	18 56	15 17	4 33	11 59	3 3	2 49	5 28	20 23	1 5	23 25	0 34	10 34	2 14	8 55	0 30	21 59	0 21	18 19	16 51	21 13	21 17	13 39		n.a.
S 3	18 40	18 12	3 54	11 51	3 15	2 35	5 39	20 12	1 5	23 24	0 34	10 31	2 14	8 55	0 30	21 58	0 21	18 18	16 51	21 13	21 17	13 42		n.a.
S 4	18 25	20 23	3 4	11 47	3 25	2 22	5 51	20 0	1 5	23 22	0 34	10 29	2 14	8 55	0 30	21 58	0 21	18 18	16 50	21 13	21 18	13 44		n.a.
M 5	18 9	21 39	2 5	11 48	3 33	2 9	6 2	19 48	1 5	23 21	0 34	10 26	2 14	8 55	0 30	21 58	0 21	18 17	16 50	21 12	21 19	13 46		n.a.
T 6	17 52	21 53	1 0	11 52	3 41	1 57	6 13	19 36	1 5	23 19	0 35	10 23	2 14	8 55	0 31	21 57	0 21	18 16	16 50	21 12	21 19	13 48		n.a.
W 7	17 36	21 0	0n10	12 0	3 46	1 47	6 24	19 23	1 5	23 18	0 35	10 20	2 14	8 55	0 31	21 57	0 21	18 16	16 50	21 12	21 20	13 50		n.a.
T 8	17 19	19 0	1 21	12 11	3 49	1 38	6 35	19 10	1 5	23 16	0 35	10 17	2 14	8 55	0 31	21 56	0 21	18 15	16 49	21 12	21 20	13 52		n.a.
F 9	17 2	15 57	2 29	12 25	3 50	1 29	6 45	18 58	1 5	23 15	0 35	10 14	2 13	8 55	0 31	21 56	0 21	18 14	16 49	21 13	21 21	13 54		n.a.
S 10	16 44	12 0	3 30	12 42	3 50	1 22	6 55	18 44	1 5	23 13	0 35	10 12	2 13	8 55	0 31	21 56	0 21	18 14	16 49	21 13	21 21	13 56		n.a.
S 11	16 27	7 21	4 20	13 1	3 47	1 16	7 5	18 31	1 5	23 11	0 35	10 9	2 13	8 54	0 31	21 55	0 21	18 13	16 49	21 14	21 22	13 58		n.a.
M12	16 9	2 17	4 55	13 22	3 42	1 12	7 15	18 18	1 5	23 10	0 35	10 6	2 13	8 54	0 31	21 55	0 21	18 12	16 49	21 14	21 23	14 1		n.a.
T 13	15 50	2s56	5 13	13 44	3 36	1 8	7 25	18 4	1 4	23 8	0 36	10 3	2 13	8 54	0 31	21 55	0 21	18 12	16 48	21 15	21 23	14 3		n.a.
W14	15 32	8 2	5 12	14 7	3 28	1 6	7 33	17 50	1 4	23 6	0 36	10 0	2 13	8 54	0 31	21 54	0 21	18 11	16 48	21 15	21 24	14 5		n.a.
T 15	15 13	12 43	4 52	14 31	3 18	1 6	7 42	17 36	1 4	23 5	0 36	9 57	2 13	8 54	0 31	21 54	0 21	18 10	16 48	21 15	21 24	14 7		n.a.
F 16	14 54	16 42	4 14	14 54	3 7	1 6	7 50	17 22	1 4	23 3	0 36	9 54	2 13	8 53	0 31	21 54	0 21	18 10	16 48	21 15	21 25	14 9		n.a.
S 17	14 35	19 42	3 21	15 17	2 55	1 8	7 57	17 8	1 4	23 1	0 36	9 51	2 13	8 53	0 31	21 53	0 21	18 9	16 48	21 15	21 26	14 11		n.a.
S 18	14 16	21 30	2 16	15 40	2 42	1 12	8 4	16 54	1 4	23 0	0 36	9 49	2 13	8 53	0 31	21 53	0 21	18 8	16 47	21 14	21 26	14 13		n.a.
M19	13 56	21 56	1 4	16 2	2 28	1 16	8 10	16 39	1 4	22 58	0 36	9 46	2 13	8 53	0 31	21 52	0 21	18 8	16 47	21 14	21 27	14 15		n.a.
T 20	13 36	21 0	0s12	16 23	2 14	1 22	8 15	16 24	1 3	22 56	0 37	9 43	2 13	8 52	0 31	21 52	0 21	18 7	16 47	21 14	21 27	14 17		n.a.
W21	13 16	18 50	1 26	16 43	2 0	1 30	8 19	16 9	1 3	22 54	0 37	9 40	2 13	8 52	0 31	21 52	0 21	18 6	16 47	21 14	21 28	14 19		n.a.
T 22	12 56	15 39	2 34	17 1	1 45	1 38	8 23	15 54	1 3	22 53	0 37	9 37	2 13	8 52	0 31	21 51	0 21	18 6	16 47	21 15	21 28	14 21		n.a.
F 23	12 35	11 43	3 32	17 18	1 30	1 48	8 26	15 39	1 3	22 51	0 37	9 34	2 13	8 51	0 31	21 51	0 21	18 5	16 46	21 15	21 29	14 24		n.a.
S 24	12 15	7 20	4 18	17 33	1 16	1 59	8 28	15 24	1 3	22 49	0 37	9 31	2 13	8 51	0 31	21 51	0 21	18 4	16 46	21 16	21 30	14 26		n.a.
S 25	11 54	2 43	4 50	17 47	1 1	2 12	8 29	15 8	1 2	22 47	0 37	9 28	2 13	8 50	0 31	21 50	0 21	18 4	16 46	21 18	21 30	14 28		n.a.
M26	11 33	1n54	5 7	17 59	0 47	2 25	8 29	14 53	1 2	22 46	0 38	9 25	2 13	8 50	0 31	21 50	0 22	18 3	16 46	21 19	21 31	14 30		n.a.
T 27	11 12	6 22	5 11	18 9	0 33	2 39	8 28	14 37	1 2	22 44	0 38	9 22	2 13	8 49	0 31	21 50	0 22	18 2	16 46	21 20	21 31	14 32		n.a.
W28	10 50	10 32	5 0	18 18	0 19	2 54	8 26	14 21	1 2	22 42	0 38	9 19	2 13	8 49	0 31	21 49	0 22	18 2	16 46	21 20	21 32	14 34		n.a.
T 29	10s29	14n15	4s37	18s25	0n 6	3s10	8n23	14s 5	1s 2	22s40	0s38	9s16	2s13	8s49	0n31	21s49	0s22	18s 1	16s46	21n21	21n32	14n36		n.a.

Julian Day Number = 1493172.5, Delta T = 05h13m00s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'15, Lahiri = -12°35'14 Julian Calendar 1 Feb. 625 BCE == Greg. Calendar 25 Jan. 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

MARCH 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 8 33	4♓ 9'45	4♊36	8♒30	1°R 6	26♒29	21♑35	11♓56	23°R35	24♑49	23♓16	25°D26	24♋18	23♉47	n.a.	F 1
S 2	10 12 29	5° 8'41	16°30	9° 1	0♓29	27°15	21°48	12° 4	23♎33	24°51	23°17	25♋26	24°15	23°53	n.a.	S 2
S 3	10 16 26	6° 7'34	28°31	9°37	29♒52	28° 1	22° 0	12°12	23°32	24°53	23°19	25°28	24°12	24° 0	n.a.	S 3
M 4	10 20 22	7° 6'25	10♋45	10°16	29°16	28°47	22°12	12°19	23°31	24°55	23°20	25°29	24° 9	24° 7	n.a.	M 4
T 5	10 24 19	8° 5'13	23°16	10°59	28°42	29°33	22°24	12°27	23°29	24°56	23°21	25°R30	24° 6	24°13	n.a.	T 5
W 6	10 28 15	9° 3'59	6♌ 7	11°46	28° 9	0♓19	22°36	12°35	23°28	24°58	23°23	25°30	24° 3	24°20	n.a.	W 6
T 7	10 32 12	10° 2'43	19°21	12°36	27°38	1° 4	22°48	12°43	23°26	25° 0	23°24	25°27	23°59	24°27	n.a.	T 7
F 8	10 36 9	11° 1'25	2♍56	13°29	27° 8	1°50	23° 0	12°50	23°25	25° 2	23°25	25°23	23°56	24°34	n.a.	F 8
S 9	10 40 5	12° 0'04	16°53	14°26	26°40	2°36	23°12	12°58	23°23	25° 3	23°27	25°17	23°53	24°40	n.a.	S 9
S 10	10 44 2	12°58'41	1♎ 6	15°25	26°15	3°21	23°23	13° 6	23°21	25° 5	23°28	25° 9	23°50	24°47	n.a.	S 10
M11	10 47 58	13°57'17	15°30	16°27	25°51	4° 7	23°35	13°13	23°20	25° 7	23°29	25° 1	23°47	24°54	n.a.	M11
T 12	10 51 55	14°55'50	29°59	17°32	25°30	4°53	23°46	13°21	23°18	25° 8	23°31	24°54	23°43	25° 0	n.a.	T 12
W13	10 55 51	15°54'22	14♏28	18°39	25°11	5°38	23°58	13°29	23°16	25°10	23°32	24°49	23°40	25° 7	n.a.	W13
T 14	10 59 48	16°52'52	28°51	19°49	24°55	6°24	24° 9	13°37	23°14	25°12	23°34	24°45	23°37	25°14	n.a.	T 14
F 15	11 3 44	17°51'20	13♐ 5	21° 1	24°41	7° 9	24°20	13°44	23°12	25°13	23°35	24°D44	23°34	25°20	n.a.	F 15
S 16	11 7 41	18°49'47	27° 8	22°15	24°29	7°54	24°31	13°52	23°10	25°15	23°36	24°44	23°31	25°27	n.a.	S 16
S 17	11 11 37	19°48'12	10♑58	23°32	24°20	8°40	24°42	14° 0	23° 9	25°16	23°38	24°45	23°28	25°34	n.a.	S 17
M18	11 15 34	20°46'35	24°37	24°50	24°14	9°25	24°53	14° 8	23° 7	25°18	23°39	24°R46	23°24	25°41	n.a.	M18
T 19	11 19 31	21°44'57	8♒ 5	26°11	24°10	10°10	25° 4	14°15	23° 5	25°19	23°41	24°45	23°21	25°47	n.a.	T 19
W20	11 23 27	22°43'16	21°21	27°34	24°D 8	10°55	25°15	14°23	23° 3	25°21	23°42	24°42	23°18	25°54	n.a.	W20
T 21	11 27 24	23°41'34	4♓26	28°59	24° 8	11°40	25°25	14°31	23° 1	25°22	23°43	24°36	23°15	26° 1	n.a.	T 21
F 22	11 31 20	24°39'50	17°20	0♓25	24°11	12°26	25°36	14°38	22°58	25°23	23°45	24°28	23°12	26° 7	n.a.	F 22
S 23	11 35 17	25°38'04	0♈ 1	1°54	24°17	13°11	25°46	14°46	22°56	25°25	23°46	24°18	23° 9	26°14	n.a.	S 23
S 24	11 39 13	26°36'17	12°31	3°25	24°24	13°56	25°57	14°54	22°54	25°26	23°48	24° 7	23° 5	26°21	n.a.	S 24
M25	11 43 10	27°34'27	24°48	4°57	24°34	14°40	26° 7	15° 1	22°52	25°27	23°49	23°55	23° 2	26°28	n.a.	M25
T 26	11 47 6	28°32'36	6♉55	6°31	24°46	15°25	26°17	15° 9	22°50	25°29	23°50	23°45	22°59	26°34	n.a.	T 26
W27	11 51 3	29°30'42	18°53	8° 8	24°59	16°10	26°27	15°16	22°48	25°30	23°52	23°36	22°56	26°41	n.a.	W27
T 28	11 54 59	0♈28'46	0♊45	9°46	25°15	16°55	26°37	15°24	22°45	25°31	23°53	23°29	22°53	26°48	n.a.	T 28
F 29	11 58 56	1°26'49	12°35	11°25	25°33	17°40	26°46	15°32	22°43	25°32	23°54	23°25	22°49	26°54	n.a.	F 29
S 30	12 2 53	2°24'50	24°27	13° 7	25°52	18°24	26°56	15°39	22°41	25°33	23°56	23°24	22°46	27° 1	n.a.	S 30
S 31	12 6 49	3♈22'48	6♋27	14♓51	26♒14	19♓ 9	27♑ 6	15♓47	22♎39	25♑35	23♓57	23°D23	22♋43	27♉ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s 7	17n24	4s 2	18s30	0s 7	3s27	8n20	13s49	1s 1	22s38	0s38	9s13	2s13	8s48	0n31	21s49	0s22	18s 0	16s45	21n21	21n33	14n38		n.a.
S 2	9 45	19 49	3 16	18 33	0 19	3 44	8 15	13 33	1 1	22 37	0 38	9 10	2 13	8 48	0 31	21 48	0 22	18 0	16 45	21 21	21 34	14 40		n.a.
S 3	9 23	21 24	2 21	18 35	0 31	4 2	8 9	13 17	1 1	22 35	0 39	9 7	2 13	8 47	0 31	21 48	0 22	17 59	16 45	21 20	21 34	14 42		n.a.
M 4	9 1	22 1	1 19	18 35	0 42	4 20	8 3	13 0	1 1	22 33	0 39	9 4	2 13	8 46	0 31	21 48	0 22	17 58	16 45	21 20	21 35	14 44		n.a.
T 5	8 39	21 32	0 12	18 34	0 53	4 39	7 56	12 44	1 0	22 31	0 39	9 1	2 13	8 46	0 31	21 47	0 22	17 58	16 45	21 20	21 35	14 46		n.a.
W 6	8 17	19 55	0n57	18 30	1 3	4 58	7 48	12 27	1 0	22 29	0 39	8 58	2 13	8 45	0 31	21 47	0 22	17 57	16 45	21 20	21 36	14 48		n.a.
T 7	7 54	17 12	2 5	18 25	1 13	5 16	7 40	12 10	1 0	22 27	0 39	8 55	2 13	8 45	0 31	21 47	0 22	17 57	16 45	21 21	21 36	14 50		n.a.
F 8	7 32	13 29	3 8	18 19	1 22	5 35	7 31	11 54	1 0	22 26	0 39	8 52	2 13	8 44	0 31	21 47	0 22	17 56	16 45	21 21	21 37	14 52		n.a.
S 9	7 9	8 57	4 1	18 10	1 31	5 53	7 21	11 37	0 59	22 24	0 40	8 49	2 13	8 43	0 31	21 46	0 22	17 55	16 45	21 23	21 38	14 55		n.a.
S 10	6 47	3 50	4 41	18 0	1 39	6 12	7 10	11 20	0 59	22 22	0 40	8 46	2 13	8 43	0 31	21 46	0 22	17 55	16 45	21 24	21 38	14 57		n.a.
M11	6 24	1s32	5 3	17 48	1 46	6 30	7 0	11 3	0 59	22 20	0 40	8 43	2 13	8 42	0 31	21 46	0 22	17 54	16 44	21 25	21 39	14 59		n.a.
T 12	6 1	6 51	5 6	17 35	1 53	6 47	6 48	10 45	0 58	22 18	0 40	8 40	2 13	8 42	0 31	21 45	0 22	17 53	16 44	21 27	21 39	15 1		n.a.
W13	5 38	11 48	4 49	17 20	1 59	7 4	6 37	10 28	0 58	22 17	0 40	8 37	2 13	8 41	0 31	21 45	0 22	17 53	16 44	21 28	21 40	15 3		n.a.
T 14	5 15	16 2	4 15	17 3	2 5	7 21	6 25	10 11	0 58	22 15	0 41	8 34	2 13	8 40	0 31	21 45	0 22	17 52	16 44	21 28	21 40	15 5		n.a.
F 15	4 52	19 18	3 25	16 45	2 10	7 37	6 13	9 54	0 57	22 13	0 41	8 31	2 13	8 39	0 31	21 45	0 22	17 52	16 44	21 28	21 41	15 7		n.a.
S 16	4 29	21 22	2 23	16 25	2 15	7 53	6 1	9 36	0 57	22 11	0 41	8 28	2 13	8 39	0 31	21 44	0 22	17 51	16 44	21 28	21 41	15 9		n.a.
S 17	4 6	22 5	1 13	16 3	2 19	8 7	5 48	9 19	0 57	22 9	0 41	8 25	2 13	8 38	0 31	21 44	0 22	17 50	16 44	21 28	21 42	15 11		n.a.
M18	3 42	21 29	0 1	15 39	2 23	8 21	5 36	9 1	0 56	22 7	0 41	8 22	2 13	8 37	0 31	21 44	0 22	17 50	16 44	21 28	21 43	15 13		n.a.
T 19	3 19	19 38	1s11	15 14	2 26	8 35	5 23	8 43	0 56	22 6	0 42	8 19	2 13	8 37	0 31	21 44	0 22	17 49	16 44	21 28	21 43	15 15		n.a.
W20	2 56	16 45	2 17	14 48	2 28	8 47	5 10	8 26	0 56	22 4	0 42	8 16	2 13	8 36	0 31	21 43	0 22	17 49	16 44	21 29	21 44	15 17		n.a.
T 21	2 32	13 2	3 15	14 20	2 30	8 59	4 58	8 8	0 55	22 2	0 42	8 13	2 13	8 35	0 31	21 43	0 22	17 48	16 44	21 30	21 44	15 19		n.a.
F 22	2 9	8 47	4 3	13 50	2 31	9 10	4 45	7 50	0 55	22 0	0 42	8 10	2 13	8 34	0 31	21 43	0 22	17 47	16 44	21 31	21 45	15 21		n.a.
S 23	1 45	4 13	4 37	13 18	2 32	9 20	4 32	7 32	0 55	21 59	0 42	8 7	2 13	8 33	0 31	21 43	0 22	17 47	16 44	21 33	21 45	15 23		n.a.
S 24	1 22	0n28	4 57	12 45	2 32	9 29	4 20	7 15	0 54	21 57	0 43	8 4	2 13	8 33	0 31	21 42	0 22	17 46	16 44	21 35	21 46	15 25		n.a.
M25	0 59	5 3	5 3	12 11	2 32	9 38	4 7	6 57	0 54	21 55	0 43	8 1	2 13	8 32	0 31	21 42	0 22	17 46	16 44	21 37	21 46	15 27		n.a.
T 26	0 35	9 22	4 55	11 35	2 31	9 45	3 55	6 39	0 54	21 53	0 43	7 59	2 13	8 31	0 31	21 42	0 22	17 45	16 44	21 39	21 47	15 29		n.a.
W27	0 12	13 17	4 34	10 57	2 30	9 52	3 43	6 21	0 53	21 52	0 43	7 56	2 13	8 30	0 31	21 42	0 22	17 45	16 44	21 41	21 47	15 31		n.a.
T 28	0n12	16 39	4 2	10 17	2 28	9 58	3 31	6 3	0 53	21 50	0 43	7 53	2 14	8 29	0 31	21 42	0 22	17 44	16 44	21 42	21 48	15 33		n.a.
F 29	0 35	19 20	3 19	9 37	2 25	10 3	3 19	5 45	0 52	21 48	0 44	7 50	2 14	8 28	0 31	21 41	0 22	17 44	16 44	21 42	21 48	15 35		n.a.
S 30	0 58	21 12	2 28	8 54	2 22	10 8	3 8	5 27	0 52	21 47	0 44	7 47	2 14	8 28	0 31	21 41	0 22	17 43	16 44	21 43	21 49	15 37		n.a.
S 31	1n22	22n 8	1s29	8s10	2s19	10s11	2n56	5s 9	0s52	21s45	0s44	7s44	2s14	8s27	0n31	21s41	0s22	17s43	16s44	21n43	21n50	15n39		n.a.

Julian Day Number = 1493201.5, Delta T = 05h12m59s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'11, Lahiri = -12°35'10 Julian Calendar 1 March 625 BCE == Greg. Calendar 23 Feb. 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

APRIL 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 10 46	4♈20'45	18♋39	16♓36	26♒37	19♓53	27♉15	15♓54	22°R36	25♉36	23♓59	23°R24	22♋40	27♉14	n.a.	M 1
T 2	12 14 42	5°18'39	1♌10	18°23	27° 2	20°38	27°24	16° 2	22♎34	25°37	24° 0	23♋23	22°37	27°21	n.a.	T 2
W 3	12 18 39	6°16'32	14° 3	20°12	27°28	21°22	27°33	16° 9	22°32	25°38	24° 1	23°22	22°34	27°28	n.a.	W 3
T 4	12 22 35	7°14'23	27°22	22° 3	27°56	22° 7	27°43	16°16	22°29	25°39	24° 3	23°18	22°30	27°34	n.a.	T 4
F 5	12 26 32	8°12'12	11♍ 8	23°56	28°26	22°51	27°51	16°24	22°27	25°40	24° 4	23°12	22°27	27°41	n.a.	F 5
S 6	12 30 28	9° 9'59	25°20	25°51	28°57	23°35	28° 0	16°31	22°24	25°41	24° 5	23° 3	22°24	27°48	n.a.	S 6
S 7	12 34 25	10° 7'44	9♎55	27°47	29°29	24°20	28° 9	16°38	22°22	25°42	24° 7	22°52	22°21	27°55	n.a.	S 7
M 8	12 38 22	11° 5'28	24°44	29°46	0♓ 3	25° 4	28°17	16°46	22°20	25°43	24° 8	22°41	22°18	28° 1	n.a.	M 8
T 9	12 42 18	12° 3'11	9♏39	1♈46	0°38	25°48	28°26	16°53	22°17	25°43	24° 9	22°31	22°14	28° 8	n.a.	T 9
W10	12 46 15	13° 0'52	24°31	3°47	1°14	26°32	28°34	17° 0	22°15	25°44	24°11	22°23	22°11	28°15	n.a.	W10
T 11	12 50 11	13°58'32	9♐13	5°51	1°51	27°16	28°42	17° 8	22°12	25°45	24°12	22°17	22° 8	28°21	n.a.	T 11
F 12	12 54 8	14°56'11	23°39	7°56	2°30	28° 0	28°50	17°15	22°10	25°46	24°13	22°14	22° 5	28°28	n.a.	F 12
S 13	12 58 4	15°53'48	7♑47	10° 2	3°10	28°44	28°58	17°22	22° 7	25°47	24°15	22°13	22° 2	28°35	n.a.	S 13
S 14	13 2 1	16°51'25	21°35	12°10	3°51	29°28	29° 6	17°29	22° 5	25°47	24°16	22°13	21°59	28°41	n.a.	S 14
M15	13 5 57	17°49'01	5♒ 4	14°19	4°32	0♈12	29°13	17°36	22° 2	25°48	24°17	22°13	21°55	28°48	n.a.	M15
T 16	13 9 54	18°46'35	18°17	16°29	5°15	0°55	29°21	17°43	22° 0	25°49	24°19	22°11	21°52	28°55	n.a.	T 16
W17	13 13 51	19°44'08	1♓16	18°39	5°59	1°39	29°28	17°50	21°57	25°49	24°20	22° 7	21°49	29° 2	n.a.	W17
T 18	13 17 47	20°41'40	14° 2	20°50	6°44	2°23	29°35	17°57	21°55	25°50	24°21	22° 0	21°46	29° 8	n.a.	T 18
F 19	13 21 44	21°39'12	26°37	23° 2	7°29	3° 6	29°42	18° 4	21°52	25°50	24°22	21°50	21°43	29°15	n.a.	F 19
S 20	13 25 40	22°36'41	9♈ 2	25°13	8°16	3°50	29°49	18°11	21°50	25°51	24°24	21°38	21°40	29°22	n.a.	S 20
S 21	13 29 37	23°34'10	21°18	27°24	9° 3	4°34	29°56	18°18	21°47	25°51	24°25	21°24	21°36	29°28	n.a.	S 21
M22	13 33 33	24°31'38	3♉26	29°35	9°51	5°17	0♒ 2	18°24	21°45	25°52	24°26	21°11	21°33	29°35	n.a.	M22
T 23	13 37 30	25°29'05	15°25	1♉44	10°39	6° 0	0° 9	18°31	21°42	25°52	24°27	20°58	21°30	29°42	n.a.	T 23
W24	13 41 26	26°26'30	27°19	3°53	11°29	6°44	0°15	18°38	21°40	25°53	24°29	20°47	21°27	29°48	n.a.	W24
T 25	13 45 23	27°23'54	9♊ 8	6° 0	12°19	7°27	0°21	18°44	21°37	25°53	24°30	20°39	21°24	29°55	n.a.	T 25
F 26	13 49 20	28°21'17	20°57	8° 6	13° 9	8°10	0°27	18°51	21°35	25°53	24°31	20°33	21°20	0♊ 2	n.a.	F 26
S 27	13 53 16	29°18'39	2♋48	10°10	14° 1	8°53	0°33	18°58	21°32	25°54	24°32	20°30	21°17	0° 8	n.a.	S 27
S 28	13 57 13	0♉15'59	14°46	12°12	14°53	9°36	0°38	19° 4	21°30	25°54	24°33	20°29	21°14	0°15	n.a.	S 28
M29	14 1 9	1°13'19	26°57	14°12	15°45	10°19	0°44	19°11	21°27	25°54	24°35	20°29	21°11	0°22	n.a.	M29
T 30	14 5 6	2♉10'37	9♌25	16♉10	16♓38	11♈ 2	0♒49	19♓17	21♎25	25♉54	24♓36	20♋29	21♋ 8	0♊29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n45	22n 2	0s25	7s25	2s14	10s14	2n45	4s50	0s51	21s43	0s44	7s41	2s14	8s26	0n31	21s41	0s22	17s42	16s44	21n43	21n50	15n41		n.a.
T 2	2 8	20 51	0n41	6 38	2 10	10 16	2 34	4 32	0 51	21 42	0 45	7 38	2 14	8 25	0 31	21 41	0 22	17 42	16 44	21 43	21 51	15 43		n.a.
W 3	2 32	18 33	1 47	5 50	2 4	10 17	2 23	4 14	0 50	21 40	0 45	7 35	2 14	8 24	0 31	21 40	0 22	17 41	16 44	21 43	21 51	15 45		n.a.
T 4	2 55	15 12	2 50	5 0	1 59	10 17	2 12	3 56	0 50	21 38	0 45	7 33	2 14	8 23	0 31	21 40	0 22	17 41	16 44	21 44	21 52	15 47		n.a.
F 5	3 18	10 56	3 44	4 9	1 52	10 17	2 2	3 38	0 50	21 37	0 45	7 30	2 14	8 22	0 31	21 40	0 22	17 40	16 44	21 45	21 52	15 49		n.a.
S 6	3 41	5 57	4 27	3 17	1 45	10 16	1 52	3 20	0 49	21 35	0 45	7 27	2 14	8 21	0 31	21 40	0 22	17 40	16 45	21 46	21 53	15 51		n.a.
S 7	4 4	0 31	4 53	2 23	1 38	10 14	1 42	3 2	0 49	21 34	0 46	7 24	2 14	8 20	0 31	21 40	0 22	17 39	16 45	21 48	21 53	15 53		n.a.
M 8	4 27	5s 3	5 1	1 28	1 30	10 11	1 32	2 43	0 48	21 32	0 46	7 21	2 15	8 20	0 31	21 40	0 22	17 39	16 45	21 50	21 54	15 55		n.a.
T 9	4 50	10 21	4 48	0 33	1 22	10 7	1 22	2 25	0 48	21 31	0 46	7 19	2 15	8 19	0 31	21 40	0 22	17 38	16 45	21 52	21 54	15 57		n.a.
W10	5 12	15 2	4 15	0n24	1 13	10 3	1 13	2 7	0 47	21 29	0 46	7 16	2 15	8 18	0 31	21 39	0 22	17 38	16 45	21 53	21 55	15 59		n.a.
T 11	5 35	18 44	3 26	1 22	1 4	9 58	1 4	1 49	0 47	21 28	0 47	7 13	2 15	8 17	0 31	21 39	0 23	17 37	16 45	21 54	21 55	16 1		n.a.
F 12	5 58	21 12	2 25	2 21	0 55	9 52	0 55	1 31	0 47	21 26	0 47	7 10	2 15	8 16	0 31	21 39	0 23	17 37	16 45	21 54	21 56	16 3		n.a.
S 13	6 20	22 17	1 16	3 20	0 45	9 46	0 46	1 13	0 46	21 25	0 47	7 8	2 15	8 15	0 31	21 39	0 23	17 36	16 45	21 55	21 56	16 5		n.a.
S 14	6 43	21 57	0 3	4 20	0 35	9 39	0 38	0 55	0 46	21 24	0 47	7 5	2 15	8 14	0 31	21 39	0 23	17 36	16 45	21 55	21 57	16 7		n.a.
M15	7 5	20 21	1s 7	5 20	0 25	9 31	0 29	0 37	0 45	21 22	0 48	7 2	2 15	8 13	0 31	21 39	0 23	17 36	16 45	21 55	21 57	16 9		n.a.
T 16	7 27	17 40	2 13	6 21	0 14	9 23	0 21	0 19	0 45	21 21	0 48	7 0	2 16	8 12	0 31	21 39	0 23	17 35	16 46	21 55	21 58	16 11		n.a.
W17	7 49	14 8	3 11	7 21	0 4	9 14	0 13	0 0	0 44	21 20	0 48	6 57	2 16	8 11	0 31	21 39	0 23	17 35	16 46	21 56	21 58	16 13		n.a.
T 18	8 11	10 0	3 57	8 21	0n 7	9 4	0 6	0n18	0 44	21 18	0 48	6 54	2 16	8 10	0 31	21 39	0 23	17 34	16 46	21 57	21 59	16 15		n.a.
F 19	8 33	5 30	4 32	9 20	0 17	8 54	0s 2	0 36	0 43	21 17	0 49	6 52	2 16	8 9	0 31	21 39	0 23	17 34	16 46	21 58	21 59	16 17		n.a.
S 20	8 55	0 51	4 53	10 19	0 28	8 43	0 9	0 54	0 43	21 16	0 49	6 49	2 16	8 8	0 31	21 38	0 23	17 34	16 46	22 0	22 0	16 19		n.a.
S 21	9 16	3n48	5 0	11 17	0 38	8 32	0 16	1 11	0 42	21 15	0 49	6 47	2 16	8 7	0 31	21 38	0 23	17 33	16 46	22 2	22 1	16 21		n.a.
M22	9 38	8 14	4 53	12 13	0 48	8 20	0 23	1 29	0 42	21 14	0 49	6 44	2 16	8 6	0 31	21 38	0 23	17 33	16 46	22 5	22 1	16 23		n.a.
T 23	9 59	12 20	4 33	13 9	0 58	8 7	0 29	1 47	0 41	21 12	0 50	6 41	2 17	8 6	0 31	21 38	0 23	17 33	16 47	22 7	22 2	16 25		n.a.
W24	10 20	15 54	4 2	14 2	1 7	7 54	0 36	2 5	0 41	21 11	0 50	6 39	2 17	8 5	0 31	21 38	0 23	17 32	16 47	22 8	22 2	16 27		n.a.
T 25	10 41	18 50	3 20	14 54	1 16	7 41	0 42	2 23	0 40	21 10	0 50	6 36	2 17	8 4	0 31	21 38	0 23	17 32	16 47	22 10	22 3	16 29		n.a.
F 26	11 2	20 58	2 30	15 44	1 24	7 26	0 48	2 41	0 40	21 9	0 51	6 34	2 17	8 3	0 31	21 38	0 23	17 32	16 47	22 10	22 3	16 30		n.a.
S 27	11 23	22 12	1 32	16 31	1 32	7 12	0 54	2 58	0 39	21 8	0 51	6 32	2 17	8 2	0 31	21 38	0 23	17 31	16 47	22 11	22 4	16 32		n.a.
S 28	11 43	22 26	0 30	17 17	1 39	6 57	0 59	3 16	0 39	21 7	0 51	6 29	2 17	8 1	0 31	21 38	0 23	17 31	16 47	22 11	22 4	16 34		n.a.
M29	12 4	21 37	0n34	18 0	1 46	6 41	1 5	3 34	0 38	21 6	0 51	6 27	2 18	8 0	0 31	21 38	0 23	17 31	16 48	22 11	22 5	16 36		n.a.
T 30	12n24	19n44	1n39	18n41	1n52	6s25	1s10	3n51	0s38	21s 5	0s52	6s24	2s18	7s59	0n31	21s38	0s23	17s30	16s48	22n11	22n 5	16n38		n.a.

Julian Day Number = 1493232.5, Delta T = 05h12m57s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'07, Lahiri = -12°35'06 Julian Calendar 1 Apr. 625 BCE == Greg. Calendar 25 March 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

MAY 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 9 2	3♉ 7'54	22♌16	18♉ 5	17♓32	11♈45	0♒54	19♓23	21°R22	25♑54	24♓37	20°R28	21♋ 5	0♊35	n.a.	W 1
T 2	14 12 59	4° 5'09	5♍33	19°58	18°26	12°28	0°59	19°30	21♎20	25°54	24°38	20♋24	21° 1	0°42	n.a.	T 2
F 3	14 16 55	5° 2'24	19°19	21°49	19°21	13°11	1° 4	19°36	21°18	25°55	24°39	20°19	20°58	0°49	n.a.	F 3
S 4	14 20 52	5°59'37	3♎35	23°37	20°16	13°54	1° 8	19°42	21°15	25°55	24°40	20°11	20°55	0°55	n.a.	S 4
S 5	14 24 49	6°56'50	18°17	25°22	21°12	14°36	1°13	19°48	21°13	25°R55	24°41	20° 1	20°52	1° 2	n.a.	S 5
M 6	14 28 45	7°54'02	3♏19	27° 5	22° 8	15°19	1°17	19°54	21°10	25°55	24°42	19°51	20°49	1° 9	n.a.	M 6
T 7	14 32 42	8°51'13	18°30	28°45	23° 4	16° 2	1°21	20° 0	21° 8	25°55	24°43	19°41	20°46	1°15	n.a.	T 7
W 8	14 36 38	9°48'23	3♐41	0♊23	24° 1	16°44	1°25	20° 6	21° 6	25°55	24°44	19°34	20°42	1°22	n.a.	W 8
T 9	14 40 35	10°45'33	18°42	1°58	24°59	17°27	1°29	20°12	21° 3	25°54	24°46	19°28	20°39	1°29	n.a.	T 9
F 10	14 44 31	11°42'43	3♑24	3°31	25°57	18° 9	1°32	20°18	21° 1	25°54	24°47	19°25	20°36	1°35	n.a.	F 10
S 11	14 48 28	12°39'52	17°43	5° 0	26°55	18°51	1°36	20°24	20°59	25°54	24°48	19°D24	20°33	1°42	n.a.	S 11
S 12	14 52 24	13°37'01	1♒38	6°27	27°54	19°34	1°39	20°29	20°57	25°54	24°49	19°25	20°30	1°49	n.a.	S 12
M13	14 56 21	14°34'10	15° 9	7°52	28°53	20°16	1°42	20°35	20°54	25°54	24°50	19°R25	20°26	1°56	n.a.	M13
T 14	15 0 18	15°31'19	28°18	9°13	29°52	20°58	1°45	20°40	20°52	25°53	24°50	19°24	20°23	2° 2	n.a.	T 14
W15	15 4 14	16°28'27	11♓ 8	10°32	0♈52	21°40	1°47	20°46	20°50	25°53	24°51	19°21	20°20	2° 9	n.a.	W15
T 16	15 8 11	17°25'35	23°44	11°48	1°52	22°22	1°50	20°51	20°48	25°53	24°52	19°16	20°17	2°16	n.a.	T 16
F 17	15 12 7	18°22'43	6♈ 6	13° 1	2°52	23° 4	1°52	20°57	20°46	25°52	24°53	19° 9	20°14	2°22	n.a.	F 17
S 18	15 16 4	19°19'51	18°19	14°11	3°53	23°46	1°54	21° 2	20°44	25°52	24°54	19° 0	20°11	2°29	n.a.	S 18
S 19	15 20 0	20°16'59	0♉23	15°18	4°54	24°28	1°56	21° 7	20°42	25°52	24°55	18°49	20° 7	2°36	n.a.	S 19
M20	15 23 57	21°14'06	12°21	16°22	5°55	25°10	1°58	21°12	20°40	25°51	24°56	18°38	20° 4	2°42	n.a.	M20
T 21	15 27 53	22°11'13	24°15	17°23	6°56	25°52	1°59	21°17	20°38	25°51	24°57	18°28	20° 1	2°49	n.a.	T 21
W22	15 31 50	23° 8'21	6♊ 5	18°20	7°58	26°34	2° 1	21°22	20°36	25°50	24°58	18°19	19°58	2°56	n.a.	W22
T 23	15 35 47	24° 5'27	17°53	19°14	9° 0	27°15	2° 2	21°27	20°34	25°50	24°58	18°13	19°55	3° 2	n.a.	T 23
F 24	15 39 43	25° 2'34	29°43	20° 5	10° 3	27°57	2° 3	21°32	20°32	25°49	24°59	18° 9	19°51	3° 9	n.a.	F 24
S 25	15 43 40	25°59'41	11♋36	20°52	11° 5	28°39	2° 3	21°37	20°30	25°48	25° 0	18° 7	19°48	3°16	n.a.	S 25
S 26	15 47 36	26°56'47	23°37	21°35	12° 8	29°20	2° 4	21°42	20°28	25°48	25° 1	18°D 7	19°45	3°23	n.a.	S 26
M27	15 51 33	27°53'53	5♌49	22°15	13°11	0♉ 2	2° 4	21°46	20°26	25°47	25° 1	18° 8	19°42	3°29	n.a.	M27
T 28	15 55 29	28°50'58	18°17	22°51	14°15	0°43	2°R 5	21°51	20°24	25°47	25° 2	18° 9	19°39	3°36	n.a.	T 28
W29	15 59 26	29°48'04	1♍ 5	23°22	15°18	1°24	2° 5	21°55	20°23	25°46	25° 3	18°R 9	19°36	3°43	n.a.	W29
T 30	16 3 23	0♊45'09	14°18	23°50	16°22	2° 6	2° 4	22° 0	20°21	25°45	25° 4	18° 8	19°32	3°49	n.a.	T 30
F 31	16 7 19	1♊42'14	27♍59	24♊13	17♈26	2♉47	2♒ 4	22♓ 4	20♎19	25♑44	25♓ 4	18♋ 6	19♋29	3♊56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	12n44	16n48	2n40	19n19	1n57	6s 8	1s15	4n 9	0s37	21s 5	0s52	6s22	2s18	7s58	0n31	21s38	0s23	17s30	16s48	22n11	22n 6	16n40			n.a.
T 2	13 3	12 56	3 35	19 55	2 1	5 52	1 20	4 26	0 37	21 4	0 52	6 20	2 18	7 57	0 31	21 38	0 23	17 30	16 48	22 12	22 6	16 42			n.a.
F 3	13 23	8 15	4 19	20 29	2 5	5 34	1 25	4 43	0 36	21 3	0 52	6 17	2 18	7 56	0 31	21 38	0 23	17 30	16 48	22 13	22 7	16 44			n.a.
S 4	13 42	2 58	4 50	21 0	2 8	5 16	1 29	5 1	0 35	21 2	0 53	6 15	2 19	7 55	0 31	21 38	0 23	17 29	16 49	22 14	22 7	16 46			n.a.
S 5	14 1	2s37	5 2	21 29	2 11	4 58	1 34	5 18	0 35	21 1	0 53	6 13	2 19	7 55	0 31	21 38	0 23	17 29	16 49	22 15	22 8	16 48			n.a.
M 6	14 20	8 11	4 54	21 55	2 12	4 39	1 38	5 35	0 34	21 1	0 53	6 11	2 19	7 54	0 31	21 38	0 23	17 29	16 49	22 17	22 8	16 50			n.a.
T 7	14 39	13 20	4 25	22 19	2 13	4 20	1 42	5 52	0 34	21 0	0 54	6 8	2 19	7 53	0 31	21 38	0 23	17 29	16 49	22 18	22 8	16 52			n.a.
W 8	14 57	17 37	3 38	22 41	2 13	4 1	1 46	6 9	0 33	21 0	0 54	6 6	2 19	7 52	0 31	21 38	0 23	17 28	16 50	22 19	22 9	16 54			n.a.
T 9	15 15	20 42	2 36	23 1	2 13	3 41	1 49	6 26	0 33	20 59	0 54	6 4	2 19	7 51	0 31	21 38	0 23	17 28	16 50	22 20	22 9	16 55			n.a.
F 10	15 33	22 19	1 24	23 18	2 12	3 21	1 53	6 43	0 32	20 58	0 54	6 2	2 20	7 50	0 31	21 38	0 23	17 28	16 50	22 21	22 10	16 57			n.a.
S 11	15 51	22 26	0 9	23 33	2 10	3 1	1 56	7 0	0 32	20 58	0 55	6 0	2 20	7 49	0 31	21 38	0 23	17 28	16 50	22 21	22 10	16 59			n.a.
S 12	16 9	21 7	1s 5	23 46	2 7	2 40	1 59	7 17	0 31	20 58	0 55	5 58	2 20	7 49	0 31	21 38	0 23	17 28	16 51	22 21	22 11	17 1			n.a.
M13	16 26	18 38	2 13	23 57	2 3	2 19	2 2	7 33	0 30	20 57	0 55	5 56	2 20	7 48	0 31	21 38	0 23	17 27	16 51	22 21	22 11	17 3			n.a.
T 14	16 43	15 13	3 12	24 6	1 59	1 58	2 5	7 50	0 30	20 57	0 56	5 54	2 21	7 47	0 31	21 39	0 23	17 27	16 51	22 21	22 12	17 5			n.a.
W15	17 0	11 10	4 0	24 13	1 54	1 36	2 8	8 6	0 29	20 56	0 56	5 52	2 21	7 46	0 31	21 39	0 23	17 27	16 51	22 21	22 12	17 7			n.a.
T 16	17 16	6 43	4 35	24 19	1 49	1 15	2 11	8 23	0 29	20 56	0 56	5 50	2 21	7 45	0 31	21 39	0 23	17 27	16 52	22 22	22 13	17 9			n.a.
F 17	17 32	2 4	4 56	24 22	1 43	0 53	2 13	8 39	0 28	20 56	0 56	5 48	2 21	7 44	0 31	21 39	0 23	17 27	16 52	22 23	22 13	17 11			n.a.
S 18	17 48	2n36	5 4	24 24	1 36	0 30	2 15	8 55	0 28	20 56	0 57	5 46	2 21	7 44	0 31	21 39	0 23	17 27	16 52	22 24	22 14	17 13			n.a.
S 19	18 4	7 7	4 58	24 25	1 28	0 8	2 18	9 12	0 27	20 56	0 57	5 44	2 22	7 43	0 31	21 39	0 23	17 27	16 52	22 26	22 14	17 14			n.a.
M20	18 19	11 20	4 39	24 23	1 20	0n15	2 20	9 28	0 26	20 56	0 57	5 42	2 22	7 42	0 31	21 39	0 23	17 27	16 53	22 27	22 15	17 16			n.a.
T 21	18 34	15 6	4 8	24 21	1 11	0 38	2 21	9 44	0 26	20 56	0 58	5 40	2 22	7 41	0 31	21 39	0 24	17 27	16 53	22 29	22 15	17 18			n.a.
W22	18 49	18 15	3 26	24 17	1 2	1 1	2 23	10 0	0 25	20 56	0 58	5 38	2 22	7 41	0 31	21 39	0 24	17 26	16 53	22 30	22 16	17 20			n.a.
T 23	19 3	20 38	2 35	24 11	0 52	1 24	2 25	10 15	0 25	20 56	0 58	5 37	2 23	7 40	0 31	21 39	0 24	17 26	16 53	22 31	22 16	17 22			n.a.
F 24	19 17	22 9	1 37	24 4	0 41	1 48	2 26	10 31	0 24	20 56	0 59	5 35	2 23	7 39	0 31	21 40	0 24	17 26	16 54	22 31	22 17	17 24			n.a.
S 25	19 31	22 40	0 35	23 57	0 30	2 11	2 27	10 47	0 23	20 56	0 59	5 33	2 23	7 39	0 31	21 40	0 24	17 26	16 54	22 31	22 17	17 26			n.a.
S 26	19 45	22 10	0n30	23 48	0 18	2 35	2 29	11 2	0 23	20 56	0 59	5 32	2 23	7 38	0 31	21 40	0 24	17 26	16 54	22 31	22 18	17 28			n.a.
M27	19 58	20 36	1 34	23 38	0 6	2 59	2 30	11 17	0 22	20 56	0 59	5 30	2 24	7 37	0 30	21 40	0 24	17 26	16 55	22 31	22 18	17 29			n.a.
T 28	20 11	18 1	2 36	23 27	0s 7	3 23	2 30	11 33	0 22	20 56	1 0	5 28	2 24	7 37	0 30	21 40	0 24	17 26	16 55	22 31	22 19	17 31			n.a.
W29	20 23	14 31	3 31	23 15	0 21	3 47	2 31	11 48	0 21	20 57	1 0	5 27	2 24	7 36	0 30	21 40	0 24	17 26	16 55	22 31	22 19	17 33			n.a.
T 30	20 35	10 12	4 17	23 3	0 35	4 11	2 32	12 3	0 20	20 57	1 0	5 25	2 24	7 35	0 30	21 41	0 24	17 26	16 56	22 31	22 19	17 35			n.a.
F 31	20n47	5n14	4n50	22n50	0s49	4n36	2s32	12n18	0s20	20s57	1s 1	5s24	2s25	7s35	0n30	21s41	0s24	17s26	16s56	22n32	22n20	17n37			n.a.

Julian Day Number = 1493262.5, Delta T = 05h12m56s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°42'03, Lahiri = -12°35'02 Julian Calendar 1 May 625 BCE == Greg. Calendar 24 Apr. 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

JUNE 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 11 16	2♊39'18	12♎ 8	24♊31	18♈30	3♉28	2°R 3	22♓ 8	20°R18	25°R43	25♓ 5	18°R 1	19♋26	4♊ 3	n.a.	S 1
S 2	16 15 12	3°36'23	26°45	24°46	19°34	4° 9	2♒ 3	22°12	20♎16	25♑43	25° 5	17♋56	19°23	4° 9	n.a.	S 2
M 3	16 19 9	4°33'28	11♏43	24°55	20°39	4°50	2° 2	22°16	20°14	25°42	25° 6	17°49	19°20	4°16	n.a.	M 3
T 4	16 23 5	5°30'33	26°56	25° 0	21°44	5°31	2° 0	22°20	20°13	25°41	25° 7	17°43	19°17	4°23	n.a.	T 4
W 5	16 27 2	6°27'38	12♐12	25°R 0	22°49	6°12	1°59	22°24	20°11	25°40	25° 7	17°38	19°13	4°29	n.a.	W 5
T 6	16 30 58	7°24'43	27°22	24°55	23°54	6°53	1°57	22°28	20°10	25°39	25° 8	17°35	19°10	4°36	n.a.	T 6
F 7	16 34 55	8°21'49	12♑15	24°46	24°59	7°34	1°56	22°32	20° 9	25°38	25° 8	17°D34	19° 7	4°43	n.a.	F 7
S 8	16 38 52	9°18'56	26°47	24°32	26° 5	8°15	1°54	22°35	20° 7	25°37	25° 9	17°34	19° 4	4°49	n.a.	S 8
S 9	16 42 48	10°16'03	10♒52	24°14	27°11	8°55	1°52	22°39	20° 6	25°36	25° 9	17°35	19° 1	4°56	n.a.	S 9
M10	16 46 45	11°13'11	24°30	23°51	28°16	9°36	1°49	22°42	20° 5	25°35	25°10	17°37	18°57	5° 3	n.a.	M10
T 11	16 50 41	12°10'19	7♓43	23°24	29°22	10°16	1°47	22°45	20° 3	25°34	25°10	17°R37	18°54	5° 9	n.a.	T 11
W12	16 54 38	13° 7'29	20°34	22°54	0♉29	10°57	1°44	22°49	20° 2	25°33	25°11	17°37	18°51	5°16	n.a.	W12
T 13	16 58 34	14° 4'39	3♈ 6	22°20	1°35	11°38	1°41	22°52	20° 1	25°32	25°11	17°36	18°48	5°23	n.a.	T 13
F 14	17 2 31	15° 1'49	15°23	21°44	2°42	12°18	1°38	22°55	20° 0	25°31	25°11	17°33	18°45	5°30	n.a.	F 14
S 15	17 6 27	15°59'01	27°29	21° 5	3°48	12°58	1°35	22°58	19°59	25°30	25°12	17°28	18°42	5°36	n.a.	S 15
S 16	17 10 24	16°56'14	9♉26	20°25	4°55	13°39	1°31	23° 1	19°58	25°28	25°12	17°23	18°38	5°43	n.a.	S 16
M17	17 14 21	17°53'27	21°19	19°43	6° 2	14°19	1°28	23° 3	19°57	25°27	25°13	17°18	18°35	5°50	n.a.	M17
T 18	17 18 17	18°50'41	3♊ 8	19° 2	7° 9	14°59	1°24	23° 6	19°56	25°26	25°13	17°13	18°32	5°56	n.a.	T 18
W19	17 22 14	19°47'56	14°58	18°21	8°17	15°39	1°20	23° 9	19°55	25°25	25°13	17° 9	18°29	6° 3	n.a.	W19
T 20	17 26 10	20°45'12	26°49	17°41	9°24	16°19	1°16	23°11	19°55	25°23	25°13	17° 7	18°26	6°10	n.a.	T 20
F 21	17 30 7	21°42'29	8♋43	17° 3	10°32	16°59	1°12	23°13	19°54	25°22	25°14	17° 5	18°23	6°16	n.a.	F 21
S 22	17 34 3	22°39'46	20°44	16°28	11°39	17°39	1° 7	23°16	19°53	25°21	25°14	17°D 5	18°19	6°23	n.a.	S 22
S 23	17 38 0	23°37'04	2♌52	15°56	12°47	18°19	1° 2	23°18	19°52	25°20	25°14	17° 6	18°16	6°30	n.a.	S 23
M24	17 41 57	24°34'23	15°12	15°28	13°55	18°59	0°58	23°20	19°52	25°18	25°14	17° 7	18°13	6°36	n.a.	M24
T 25	17 45 53	25°31'43	27°46	15° 4	15° 3	19°39	0°53	23°22	19°51	25°17	25°14	17° 8	18°10	6°43	n.a.	T 25
W26	17 49 50	26°29'03	10♍38	14°46	16°11	20°19	0°48	23°24	19°51	25°15	25°15	17°10	18° 7	6°50	n.a.	W26
T 27	17 53 46	27°26'24	23°50	14°33	17°20	20°58	0°42	23°25	19°50	25°14	25°15	17°R10	18° 3	6°56	n.a.	T 27
F 28	17 57 43	28°23'45	7♎25	14°25	18°28	21°38	0°37	23°27	19°50	25°13	25°15	17°10	18° 0	7° 3	n.a.	F 28
S 29	18 1 39	29°21'08	21°24	14°D24	19°37	22°17	0°31	23°29	19°50	25°11	25°15	17° 9	17°57	7°10	n.a.	S 29
S 30	18 5 36	0♋18'31	5♏47	14♊29	20♉45	22♉57	0♒25	23♓30	19♎49	25♑10	25♓15	17♋ 8	17♋54	7♊16	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n59	0s 9	5n 7	22n36	1s 4	5n 0	2s33	12n33	0s19	20s58	1s 1	5s22	2s25	7s34	0n30	21s41	0s24	17s26	16s56	22n32	22n20	17n39		n.a.
S 2	21 10	5 43	5 5	22 22	1 18	5 24	2 33	12 47	0 18	20 58	1 1	5 21	2 25	7 34	0 30	21 41	0 24	17 26	16 56	22 33	22 21	17 41		n.a.
M 3	21 21	11 5	4 43	22 7	1 34	5 49	2 33	13 2	0 18	20 59	1 2	5 20	2 25	7 33	0 30	21 41	0 24	17 26	16 57	22 34	22 21	17 42		n.a.
T 4	21 31	15 51	4 0	21 52	1 49	6 13	2 33	13 16	0 17	20 59	1 2	5 18	2 26	7 32	0 30	21 41	0 24	17 26	16 57	22 35	22 22	17 44		n.a.
W 5	21 41	19 36	3 0	21 36	2 4	6 37	2 33	13 31	0 17	21 0	1 2	5 17	2 26	7 32	0 30	21 42	0 24	17 26	16 57	22 35	22 22	17 46		n.a.
T 6	21 51	21 57	1 48	21 21	2 20	7 2	2 33	13 45	0 16	21 1	1 2	5 16	2 26	7 31	0 30	21 42	0 24	17 26	16 58	22 36	22 23	17 48		n.a.
F 7	22 0	22 43	0 29	21 5	2 35	7 26	2 33	13 59	0 15	21 1	1 3	5 14	2 26	7 31	0 30	21 42	0 24	17 27	16 58	22 36	22 23	17 50		n.a.
S 8	22 9	21 54	0s50	20 50	2 50	7 51	2 32	14 13	0 15	21 2	1 3	5 13	2 27	7 30	0 30	21 42	0 24	17 27	16 58	22 36	22 24	17 52		n.a.
S 9	22 18	19 43	2 4	20 34	3 4	8 15	2 32	14 27	0 14	21 3	1 3	5 12	2 27	7 30	0 30	21 42	0 24	17 27	16 59	22 36	22 24	17 53		n.a.
M10	22 26	16 29	3 8	20 19	3 18	8 39	2 31	14 41	0 13	21 4	1 4	5 11	2 27	7 29	0 30	21 43	0 24	17 27	16 59	22 36	22 24	17 55		n.a.
T 11	22 34	12 29	4 0	20 5	3 32	9 4	2 31	14 54	0 13	21 5	1 4	5 10	2 27	7 29	0 30	21 43	0 24	17 27	16 59	22 35	22 25	17 57		n.a.
W12	22 41	8 2	4 38	19 51	3 44	9 28	2 30	15 8	0 12	21 5	1 4	5 9	2 28	7 29	0 30	21 43	0 24	17 27	17 0	22 35	22 25	17 59		n.a.
T 13	22 48	3 22	5 2	19 37	3 56	9 52	2 29	15 21	0 11	21 6	1 5	5 8	2 28	7 28	0 30	21 43	0 24	17 27	17 0	22 36	22 26	18 1		n.a.
F 14	22 55	1n21	5 12	19 25	4 6	10 16	2 28	15 34	0 11	21 7	1 5	5 7	2 28	7 28	0 30	21 44	0 24	17 27	17 0	22 36	22 26	18 2		n.a.
S 15	23 1	5 56	5 7	19 13	4 15	10 40	2 27	15 47	0 10	21 8	1 5	5 6	2 29	7 27	0 30	21 44	0 24	17 28	17 1	22 37	22 27	18 4		n.a.
S 16	23 7	10 16	4 50	19 3	4 23	11 3	2 26	16 0	0 9	21 9	1 5	5 5	2 29	7 27	0 30	21 44	0 24	17 28	17 1	22 37	22 27	18 6		n.a.
M17	23 13	14 10	4 19	18 53	4 29	11 27	2 24	16 13	0 9	21 11	1 6	5 4	2 29	7 27	0 30	21 44	0 24	17 28	17 1	22 38	22 28	18 8		n.a.
T 18	23 18	17 31	3 38	18 45	4 34	11 50	2 23	16 26	0 8	21 12	1 6	5 3	2 29	7 26	0 30	21 45	0 24	17 28	17 2	22 39	22 28	18 10		n.a.
W19	23 22	20 8	2 47	18 39	4 37	12 14	2 21	16 38	0 7	21 13	1 6	5 3	2 30	7 26	0 30	21 45	0 24	17 28	17 2	22 39	22 28	18 11		n.a.
T 20	23 27	21 55	1 49	18 34	4 39	12 37	2 20	16 50	0 7	21 14	1 7	5 2	2 30	7 26	0 30	21 45	0 24	17 28	17 2	22 39	22 29	18 13		n.a.
F 21	23 30	22 43	0 46	18 31	4 38	13 0	2 18	17 3	0 6	21 15	1 7	5 1	2 30	7 26	0 30	21 45	0 24	17 29	17 3	22 40	22 29	18 15		n.a.
S 22	23 34	22 29	0n20	18 29	4 36	13 22	2 17	17 15	0 5	21 17	1 7	5 1	2 31	7 25	0 30	21 46	0 24	17 29	17 3	22 40	22 30	18 17		n.a.
S 23	23 37	21 11	1 26	18 30	4 33	13 45	2 15	17 27	0 5	21 18	1 7	5 0	2 31	7 25	0 30	21 46	0 24	17 29	17 3	22 40	22 30	18 19		n.a.
M24	23 39	18 52	2 29	18 32	4 28	14 7	2 13	17 38	0 4	21 19	1 8	4 59	2 31	7 25	0 30	21 46	0 24	17 29	17 4	22 39	22 31	18 20		n.a.
T 25	23 42	15 38	3 26	18 36	4 21	14 29	2 11	17 50	0 3	21 21	1 8	4 59	2 32	7 25	0 30	21 46	0 24	17 30	17 4	22 39	22 31	18 22		n.a.
W26	23 43	11 35	4 14	18 42	4 13	14 51	2 9	18 2	0 3	21 22	1 8	4 58	2 32	7 25	0 30	21 47	0 24	17 30	17 4	22 39	22 32	18 24		n.a.
T 27	23 45	6 55	4 50	18 49	4 4	15 13	2 7	18 13	0 2	21 23	1 8	4 58	2 32	7 24	0 30	21 47	0 24	17 30	17 5	22 39	22 32	18 26		n.a.
F 28	23 46	1 47	5 11	18 59	3 53	15 34	2 5	18 24	0 1	21 25	1 9	4 58	2 32	7 24	0 30	21 47	0 24	17 30	17 5	22 39	22 32	18 27		n.a.
S 29	23 46	3s36	5 15	19 10	3 42	15 55	2 3	18 35	0 1	21 26	1 9	4 57	2 33	7 24	0 29	21 47	0 24	17 31	17 5	22 39	22 33	18 29		n.a.
S 30	23n46	8s56	4n59	19n23	3s29	16n15	2s 0	18n46	0n 0	21s28	1s 9	4s57	2s33	7s24	0n29	21s48	0s24	17s31	17s 6	22n39	22n33	18n31		n.a.

Julian Day Number = 1493293.5, Delta T = 05h12m54s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'58, Lahiri = -12°34'58 Julian Calendar 1 June 625 BCE == Greg. Calendar 25 May 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

JULY 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 9 32	1♋15'55	20♏31	14♊40	21♉54	23♉36	0°R20	23♓31	19°R49	25°R 8	25♓15	17°R 6	17♋51	7♊23	n.a.	M 1
T 2	18 13 29	2°13'20	5♐29	14°58	23° 3	24°16	0♒14	23°33	19♎49	25♑ 7	25°R15	17♋ 4	17°48	7°30	n.a.	T 2
W 3	18 17 26	3°10'46	20°35	15°23	24°12	24°55	0° 7	23°34	19°49	25° 5	25°15	17° 2	17°44	7°36	n.a.	W 3
T 4	18 21 22	4° 8'13	5♑39	15°54	25°21	25°34	0° 1	23°35	19°49	25° 4	25°15	17° 2	17°41	7°43	n.a.	T 4
F 5	18 25 19	5° 5'41	20°33	16°31	26°30	26°14	29♑55	23°36	19°D48	25° 2	25°15	17°D 1	17°38	7°50	n.a.	F 5
S 6	18 29 15	6° 3'11	5♒ 8	17°16	27°40	26°53	29°48	23°37	19°48	25° 1	25°15	17° 2	17°35	7°57	n.a.	S 6
S 7	18 33 12	7° 0'42	19°20	18° 6	28°49	27°32	29°42	23°37	19°49	24°59	25°15	17° 3	17°32	8° 3	n.a.	S 7
M 8	18 37 8	7°58'15	3♓ 6	19° 3	29°59	28°11	29°35	23°38	19°49	24°58	25°15	17° 3	17°29	8°10	n.a.	M 8
T 9	18 41 5	8°55'49	16°26	20° 6	1♊ 8	28°50	29°28	23°38	19°49	24°56	25°14	17° 4	17°25	8°17	n.a.	T 9
W10	18 45 1	9°53'25	29°21	21°15	2°18	29°29	29°21	23°39	19°49	24°55	25°14	17° 5	17°22	8°23	n.a.	W10
T 11	18 48 58	10°51'02	11♈55	22°30	3°28	0♊ 8	29°14	23°39	19°49	24°53	25°14	17°R 5	17°19	8°30	n.a.	T 11
F 12	18 52 55	11°48'41	24°12	23°51	4°38	0°46	29° 7	23°39	19°50	24°52	25°14	17° 5	17°16	8°37	n.a.	F 12
S 13	18 56 51	12°46'22	6♉15	25°16	5°48	1°25	29° 0	23°R39	19°50	24°50	25°14	17° 4	17°13	8°43	n.a.	S 13
S 14	19 0 48	13°44'04	18°10	26°47	6°58	2° 4	28°52	23°39	19°50	24°48	25°13	17° 4	17° 9	8°50	n.a.	S 14
M15	19 4 44	14°41'48	0♊ 0	28°22	8° 9	2°42	28°45	23°39	19°51	24°47	25°13	17° 3	17° 6	8°57	n.a.	M15
T 16	19 8 41	15°39'34	11°50	0♋ 1	9°19	3°21	28°37	23°39	19°51	24°45	25°13	17° 3	17° 3	9° 3	n.a.	T 16
W17	19 12 37	16°37'22	23°41	1°44	10°30	4° 0	28°30	23°39	19°52	24°43	25°13	17°D 3	17° 0	9°10	n.a.	W17
T 18	19 16 34	17°35'11	5♋37	3°30	11°40	4°38	28°22	23°38	19°53	24°42	25°12	17° 3	16°57	9°17	n.a.	T 18
F 19	19 20 30	18°33'02	17°40	5°20	12°51	5°16	28°15	23°38	19°53	24°40	25°12	17°R 3	16°54	9°23	n.a.	F 19
S 20	19 24 27	19°30'55	29°53	7°11	14° 2	5°55	28° 7	23°37	19°54	24°39	25°12	17° 3	16°50	9°30	n.a.	S 20
S 21	19 28 24	20°28'49	12♌16	9° 5	15°13	6°33	27°59	23°36	19°55	24°37	25°11	17° 3	16°47	9°37	n.a.	S 21
M22	19 32 20	21°26'45	24°51	11° 1	16°23	7°11	27°51	23°35	19°56	24°35	25°11	17° 2	16°44	9°43	n.a.	M22
T 23	19 36 17	22°24'42	7♍40	12°58	17°35	7°49	27°44	23°34	19°56	24°34	25°10	17° 2	16°41	9°50	n.a.	T 23
W24	19 40 13	23°22'41	20°43	14°55	18°46	8°27	27°36	23°33	19°57	24°32	25°10	17° 1	16°38	9°57	n.a.	W24
T 25	19 44 10	24°20'41	4♎ 2	16°54	19°57	9° 5	27°28	23°32	19°58	24°30	25°10	17° 1	16°35	10° 3	n.a.	T 25
F 26	19 48 6	25°18'42	17°38	18°52	21° 8	9°43	27°20	23°31	19°59	24°29	25° 9	17° 0	16°31	10°10	n.a.	F 26
S 27	19 52 3	26°16'46	1♏31	20°51	22°20	10°21	27°12	23°29	20° 0	24°27	25° 9	17°D 0	16°28	10°17	n.a.	S 27
S 28	19 55 59	27°14'50	15°41	22°49	23°31	10°59	27° 4	23°28	20° 2	24°25	25° 8	17° 0	16°25	10°23	n.a.	S 28
M29	19 59 56	28°12'56	0♐ 6	24°47	24°43	11°37	26°56	23°26	20° 3	24°24	25° 7	17° 1	16°22	10°30	n.a.	M29
T 30	20 3 53	29°11'04	14°42	26°45	25°54	12°14	26°48	23°24	20° 4	24°22	25° 7	17° 2	16°19	10°37	n.a.	T 30
W31	20 7 49	0♑ 9'13	29♐26	28♋42	27♊ 6	12♊52	26♑40	23♓23	20♎ 5	24♑21	25♓ 6	17♋ 3	16♋15	10♊43	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n46	13s53	4n24	19n38	3s16	16n36	1s58	18n57	0n 1	21s29	1s 9	4s57	2s33	7s24	0n29	21s48	0s24	17s31	17s 6	22n40	22n34	18n33			n.a.
T 2	23 45	18 4	3 30	19 53	3 2	16 56	1 56	19 7	0 2	21 31	1 10	4 56	2 34	7 24	0 29	21 48	0 24	17 32	17 7	22 40	22 34	18 34			n.a.
W 3	23 44	21 5	2 21	20 10	2 48	17 15	1 53	19 18	0 2	21 32	1 10	4 56	2 34	7 24	0 29	21 49	0 24	17 32	17 7	22 40	22 35	18 36			n.a.
T 4	23 42	22 36	1 3	20 29	2 33	17 34	1 51	19 28	0 3	21 34	1 10	4 56	2 34	7 24	0 29	21 49	0 24	17 32	17 7	22 40	22 35	18 38			n.a.
F 5	23 40	22 30	0s20	20 47	2 18	17 53	1 48	19 38	0 4	21 36	1 10	4 56	2 34	7 24	0 29	21 49	0 24	17 33	17 8	22 40	22 35	18 40			n.a.
S 6	23 38	20 50	1 39	21 7	2 2	18 12	1 46	19 48	0 4	21 37	1 11	4 56	2 35	7 24	0 29	21 49	0 25	17 33	17 8	22 40	22 36	18 41			n.a.
S 7	23 35	17 55	2 50	21 27	1 47	18 30	1 43	19 58	0 5	21 39	1 11	4 56	2 35	7 24	0 29	21 50	0 25	17 33	17 8	22 40	22 36	18 43			n.a.
M 8	23 32	14 3	3 49	21 47	1 32	18 48	1 40	20 7	0 6	21 41	1 11	4 56	2 35	7 24	0 29	21 50	0 25	17 34	17 9	22 40	22 37	18 45			n.a.
T 9	23 28	9 37	4 33	22 8	1 16	19 5	1 38	20 17	0 7	21 42	1 11	4 56	2 36	7 24	0 29	21 50	0 25	17 34	17 9	22 40	22 37	18 47			n.a.
W10	23 24	4 52	5 2	22 28	1 1	19 22	1 35	20 26	0 7	21 44	1 12	4 56	2 36	7 24	0 29	21 51	0 25	17 34	17 9	22 40	22 37	18 48			n.a.
T 11	23 19	0 4	5 16	22 47	0 46	19 38	1 32	20 35	0 8	21 46	1 12	4 56	2 36	7 24	0 29	21 51	0 25	17 35	17 10	22 40	22 38	18 50			n.a.
F 12	23 14	4n38	5 15	23 6	0 32	19 54	1 29	20 44	0 9	21 47	1 12	4 57	2 37	7 25	0 29	21 51	0 25	17 35	17 10	22 40	22 38	18 52			n.a.
S 13	23 9	9 5	5 0	23 23	0 18	20 9	1 26	20 53	0 9	21 49	1 12	4 57	2 37	7 25	0 29	21 52	0 25	17 35	17 10	22 40	22 39	18 54			n.a.
S 14	23 3	13 8	4 32	23 40	0 4	20 24	1 23	21 2	0 10	21 51	1 12	4 57	2 37	7 25	0 29	21 52	0 25	17 36	17 11	22 40	22 39	18 55			n.a.
M15	22 57	16 39	3 53	23 54	0n 9	20 39	1 20	21 10	0 11	21 53	1 13	4 57	2 37	7 25	0 29	21 52	0 25	17 36	17 11	22 40	22 39	18 57			n.a.
T 16	22 50	19 29	3 3	24 7	0 21	20 53	1 17	21 18	0 12	21 54	1 13	4 58	2 38	7 25	0 29	21 53	0 25	17 37	17 11	22 40	22 40	18 59			n.a.
W17	22 43	21 31	2 6	24 18	0 32	21 6	1 14	21 26	0 12	21 56	1 13	4 58	2 38	7 26	0 29	21 53	0 25	17 37	17 12	22 40	22 40	19 0			n.a.
T 18	22 36	22 36	1 3	24 27	0 43	21 19	1 11	21 34	0 13	21 58	1 13	4 59	2 38	7 26	0 29	21 53	0 25	17 37	17 12	22 40	22 41	19 2			n.a.
F 19	22 28	22 38	0n 3	24 33	0 53	21 31	1 8	21 42	0 14	22 0	1 13	4 59	2 39	7 26	0 29	21 53	0 25	17 38	17 12	22 40	22 41	19 4			n.a.
S 20	22 20	21 36	1 11	24 36	1 2	21 43	1 5	21 50	0 15	22 1	1 13	5 0	2 39	7 27	0 29	21 54	0 25	17 38	17 12	22 40	22 42	19 5			n.a.
S 21	22 11	19 31	2 15	24 38	1 11	21 54	1 2	21 57	0 15	22 3	1 14	5 0	2 39	7 27	0 29	21 54	0 25	17 39	17 13	22 40	22 42	19 7			n.a.
M22	22 2	16 28	3 15	24 36	1 18	22 5	0 59	22 4	0 16	22 5	1 14	5 1	2 40	7 27	0 29	21 54	0 25	17 39	17 13	22 40	22 42	19 9			n.a.
T 23	21 53	12 36	4 5	24 32	1 24	22 15	0 56	22 12	0 17	22 7	1 14	5 2	2 40	7 28	0 29	21 55	0 25	17 40	17 13	22 40	22 43	19 10			n.a.
W24	21 43	8 4	4 44	24 25	1 30	22 25	0 53	22 18	0 18	22 8	1 14	5 2	2 40	7 28	0 29	21 55	0 25	17 40	17 14	22 40	22 43	19 12			n.a.
T 25	21 33	3 5	5 9	24 15	1 35	22 34	0 50	22 25	0 18	22 10	1 14	5 3	2 40	7 28	0 29	21 55	0 25	17 41	17 14	22 40	22 44	19 14			n.a.
F 26	21 22	2s 8	5 17	24 3	1 39	22 42	0 46	22 32	0 19	22 12	1 14	5 4	2 41	7 29	0 29	21 56	0 25	17 41	17 14	22 40	22 44	19 16			n.a.
S 27	21 11	7 22	5 7	23 49	1 42	22 49	0 43	22 38	0 20	22 13	1 14	5 5	2 41	7 29	0 29	21 56	0 25	17 42	17 15	22 40	22 44	19 17			n.a.
S 28	21 0	12 19	4 38	23 32	1 45	22 56	0 40	22 44	0 21	22 15	1 15	5 5	2 41	7 30	0 29	21 56	0 25	17 42	17 15	22 40	22 45	19 19			n.a.
M29	20 48	16 40	3 52	23 12	1 46	23 3	0 37	22 50	0 21	22 17	1 15	5 6	2 42	7 30	0 28	21 57	0 25	17 42	17 15	22 40	22 45	19 21			n.a.
T 30	20 36	20 4	2 50	22 51	1 47	23 9	0 34	22 56	0 22	22 18	1 15	5 7	2 42	7 31	0 28	21 57	0 25	17 43	17 16	22 40	22 45	19 22			n.a.
W31	20n24	22s10	1n36	22n28	1n48	23n14	0s31	23n 2	0n23	22s20	1s15	5s 8	2s42	7s31	0n28	21s57	0s25	17s43	17s16	22n40	22n46	19n24			n.a.

Julian Day Number = 1493323.5, Delta T = 05h12m53s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'54, Lahiri = -12°34'54 Julian Calendar 1 July 625 BCE == Greg. Calendar 24 June 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

AUGUST 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 11 46	1♌ 7'24	14♉10	0♌38	28♊18	13♊29	26°R32	23°R21	20♎ 7	24°R19	25°R 6	17°R 3	16♋12	10♊50	n.a.	T 1
F 2	20 15 42	2° 5'37	28°49	2°33	29°29	14° 7	26♉25	23♓19	20° 8	24♉17	25♓ 5	17♋ 3	16° 9	10°57	n.a.	F 2
S 3	20 19 39	3° 3'52	13♒16	4°27	0♋41	14°44	26°17	23°17	20°10	24°16	25° 5	17° 2	16° 6	11° 3	n.a.	S 3
S 4	20 23 35	4° 2'09	27°24	6°20	1°53	15°22	26° 9	23°14	20°11	24°14	25° 4	17° 0	16° 3	11°10	n.a.	S 4
M 5	20 27 32	5° 0'27	11♓11	8°12	3° 6	15°59	26° 1	23°12	20°13	24°12	25° 3	16°58	16° 0	11°17	n.a.	M 5
T 6	20 31 28	5°58'48	24°34	10° 3	4°18	16°36	25°54	23°10	20°14	24°11	25° 3	16°55	15°56	11°23	n.a.	T 6
W 7	20 35 25	6°57'11	7♈33	11°53	5°30	17°13	25°46	23° 7	20°16	24° 9	25° 2	16°53	15°53	11°30	n.a.	W 7
T 8	20 39 22	7°55'36	20°10	13°42	6°42	17°50	25°38	23° 5	20°17	24° 8	25° 1	16°51	15°50	11°37	n.a.	T 8
F 9	20 43 18	8°54'03	2♉28	15°29	7°55	18°27	25°31	23° 2	20°19	24° 6	25° 0	16°50	15°47	11°43	n.a.	F 9
S 10	20 47 15	9°52'33	14°33	17°16	9° 7	19° 4	25°23	22°59	20°21	24° 5	25° 0	16°D50	15°44	11°50	n.a.	S 10
S 11	20 51 11	10°51'05	26°27	19° 1	10°20	19°41	25°16	22°56	20°23	24° 3	24°59	16°51	15°41	11°57	n.a.	S 11
M12	20 55 8	11°49'39	8♊17	20°46	11°33	20°18	25° 9	22°53	20°25	24° 1	24°58	16°52	15°37	12° 3	n.a.	M12
T 13	20 59 4	12°48'16	20° 7	22°29	12°45	20°55	25° 2	22°50	20°27	24° 0	24°57	16°54	15°34	12°10	n.a.	T 13
W14	21 3 1	13°46'55	2♋ 1	24°11	13°58	21°31	24°54	22°47	20°28	23°58	24°57	16°56	15°31	12°17	n.a.	W14
T 15	21 6 57	14°45'36	14° 3	25°52	15°11	22° 8	24°47	22°44	20°30	23°57	24°56	16°R56	15°28	12°23	n.a.	T 15
F 16	21 10 54	15°44'19	26°17	27°33	16°24	22°44	24°41	22°41	20°33	23°55	24°55	16°56	15°25	12°30	n.a.	F 16
S 17	21 14 50	16°43'05	8♌43	29°12	17°37	23°21	24°34	22°37	20°35	23°54	24°54	16°54	15°21	12°37	n.a.	S 17
S 18	21 18 47	17°41'52	21°25	0♍50	18°50	23°57	24°27	22°34	20°37	23°52	24°53	16°51	15°18	12°43	n.a.	S 18
M19	21 22 44	18°40'42	4♍21	2°27	20° 3	24°34	24°21	22°30	20°39	23°51	24°52	16°46	15°15	12°50	n.a.	M19
T 20	21 26 40	19°39'34	17°32	4° 3	21°17	25°10	24°14	22°27	20°41	23°49	24°51	16°41	15°12	12°57	n.a.	T 20
W21	21 30 37	20°38'27	0♎57	5°39	22°30	25°46	24° 8	22°23	20°43	23°48	24°50	16°36	15° 9	13° 3	n.a.	W21
T 22	21 34 33	21°37'23	14°34	7°13	23°43	26°22	24° 2	22°19	20°46	23°47	24°50	16°31	15° 6	13°10	n.a.	T 22
F 23	21 38 30	22°36'20	28°21	8°46	24°57	26°58	23°55	22°16	20°48	23°45	24°49	16°27	15° 2	13°17	n.a.	F 23
S 24	21 42 26	23°35'19	12♏18	10°19	26°10	27°34	23°50	22°12	20°50	23°44	24°48	16°25	14°59	13°23	n.a.	S 24
S 25	21 46 23	24°34'21	26°22	11°50	27°24	28°10	23°44	22° 8	20°53	23°42	24°47	16°D24	14°56	13°30	n.a.	S 25
M26	21 50 19	25°33'24	10♐33	13°21	28°37	28°45	23°38	22° 4	20°55	23°41	24°46	16°25	14°53	13°37	n.a.	M26
T 27	21 54 16	26°32'29	24°48	14°50	29°51	29°21	23°33	22° 0	20°58	23°40	24°45	16°26	14°50	13°43	n.a.	T 27
W28	21 58 13	27°31'36	9♑ 6	16°19	1♌ 5	29°57	23°27	21°55	21° 0	23°39	24°44	16°R28	14°46	13°50	n.a.	W28
T 29	22 2 9	28°30'44	23°24	17°47	2°18	0♋32	23°22	21°51	21° 3	23°37	24°43	16°28	14°43	13°57	n.a.	T 29
F 30	22 6 6	29°29'55	7♒38	19°14	3°32	1° 7	23°17	21°47	21° 6	23°36	24°42	16°26	14°40	14° 3	n.a.	F 30
S 31	22 10 2	0♍29'08	21♒43	20♍39	4♌46	1♋43	23♉12	21♓43	21♎ 8	23♉35	24♓41	16♋22	14♋37	14♊10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n11	22s44	0n16	22n 2	1n47	23n18	0s28	23n 8	0n24	22s22	1s15	5s 9	2s42	7s32	0n28	21s57	0s25	17s44	17s16	22n40	22n46	19n25			n.a.
F 2	19 58	21 44	1s 5	21 35	1 47	23 22	0 24	23 13	0 24	22 23	1 15	5 10	2 43	7 32	0 28	21 58	0 25	17 44	17 16	22 40	22 47	19 27			n.a.
S 3	19 45	19 18	2 20	21 7	1 45	23 25	0 21	23 18	0 25	22 25	1 15	5 11	2 43	7 33	0 28	21 58	0 25	17 45	17 17	22 40	22 47	19 29			n.a.
S 4	19 31	15 44	3 25	20 37	1 43	23 27	0 18	23 23	0 26	22 27	1 15	5 13	2 43	7 33	0 28	21 58	0 25	17 45	17 17	22 40	22 47	19 30			n.a.
M 5	19 17	11 25	4 16	20 5	1 41	23 29	0 15	23 28	0 27	22 28	1 15	5 14	2 43	7 34	0 28	21 59	0 25	17 46	17 17	22 41	22 48	19 32			n.a.
T 6	19 2	6 39	4 52	19 32	1 38	23 30	0 12	23 33	0 28	22 30	1 15	5 15	2 44	7 35	0 28	21 59	0 25	17 46	17 17	22 41	22 48	19 34			n.a.
W 7	18 47	1 43	5 11	18 58	1 35	23 30	0 9	23 37	0 28	22 31	1 15	5 16	2 44	7 35	0 28	21 59	0 25	17 47	17 18	22 41	22 49	19 35			n.a.
T 8	18 32	3n 8	5 15	18 23	1 31	23 30	0 6	23 41	0 29	22 33	1 16	5 17	2 44	7 36	0 28	22 0	0 25	17 48	17 18	22 41	22 49	19 37			n.a.
F 9	18 17	7 45	5 4	17 48	1 27	23 29	0 3	23 46	0 30	22 34	1 16	5 19	2 44	7 37	0 28	22 0	0 25	17 48	17 18	22 42	22 49	19 39			n.a.
S 10	18 1	11 59	4 39	17 11	1 22	23 27	0n 0	23 50	0 31	22 36	1 16	5 20	2 45	7 37	0 28	22 0	0 25	17 49	17 19	22 42	22 50	19 40			n.a.
S 11	17 45	15 41	4 3	16 33	1 18	23 25	0 3	23 53	0 32	22 37	1 16	5 21	2 45	7 38	0 28	22 0	0 25	17 49	17 19	22 41	22 50	19 42			n.a.
M12	17 29	18 45	3 17	15 55	1 12	23 22	0 6	23 57	0 32	22 38	1 16	5 23	2 45	7 39	0 28	22 1	0 25	17 50	17 19	22 41	22 50	19 43			n.a.
T 13	17 12	21 2	2 22	15 16	1 7	23 18	0 9	24 0	0 33	22 40	1 16	5 24	2 45	7 40	0 28	22 1	0 25	17 50	17 19	22 41	22 51	19 45			n.a.
W14	16 55	22 24	1 21	14 36	1 2	23 14	0 12	24 4	0 34	22 41	1 16	5 26	2 46	7 40	0 28	22 1	0 25	17 51	17 19	22 41	22 51	19 47			n.a.
T 15	16 38	22 45	0 16	13 56	0 56	23 8	0 15	24 7	0 35	22 42	1 16	5 27	2 46	7 41	0 28	22 2	0 25	17 51	17 20	22 41	22 52	19 48			n.a.
F 16	16 20	22 1	0n51	13 16	0 50	23 3	0 18	24 10	0 36	22 44	1 16	5 29	2 46	7 42	0 28	22 2	0 25	17 52	17 20	22 41	22 52	19 50			n.a.
S 17	16 3	20 12	1 57	12 35	0 43	22 56	0 21	24 13	0 37	22 45	1 16	5 30	2 46	7 43	0 28	22 2	0 25	17 52	17 20	22 41	22 52	19 51			n.a.
S 18	15 44	17 21	2 58	11 54	0 37	22 49	0 23	24 15	0 37	22 46	1 16	5 32	2 46	7 44	0 28	22 2	0 25	17 53	17 20	22 41	22 53	19 53			n.a.
M19	15 26	13 37	3 51	11 13	0 31	22 41	0 26	24 18	0 38	22 47	1 16	5 33	2 47	7 45	0 28	22 3	0 25	17 53	17 21	22 42	22 53	19 55			n.a.
T 20	15 7	9 9	4 32	10 32	0 24	22 32	0 29	24 20	0 39	22 48	1 16	5 35	2 47	7 45	0 28	22 3	0 25	17 54	17 21	22 43	22 53	19 56			n.a.
W21	14 49	4 11	5 0	9 50	0 17	22 23	0 32	24 22	0 40	22 50	1 16	5 37	2 47	7 46	0 28	22 3	0 25	17 54	17 21	22 43	22 54	19 58			n.a.
T 22	14 30	1s 3	5 11	9 8	0 10	22 13	0 34	24 24	0 41	22 51	1 16	5 38	2 47	7 47	0 28	22 3	0 25	17 55	17 21	22 44	22 54	19 59			n.a.
F 23	14 10	6 18	5 5	8 26	0 3	22 2	0 37	24 26	0 42	22 52	1 16	5 40	2 47	7 48	0 28	22 4	0 25	17 56	17 21	22 44	22 55	20 1			n.a.
S 24	13 51	11 18	4 40	7 44	0s 4	21 51	0 39	24 27	0 43	22 53	1 16	5 42	2 48	7 49	0 28	22 4	0 25	17 56	17 22	22 45	22 55	20 2			n.a.
S 25	13 31	15 44	3 59	7 3	0 12	21 39	0 42	24 29	0 43	22 54	1 16	5 44	2 48	7 50	0 28	22 4	0 25	17 57	17 22	22 45	22 55	20 4			n.a.
M26	13 11	19 19	3 3	6 21	0 19	21 26	0 44	24 30	0 44	22 55	1 16	5 45	2 48	7 51	0 28	22 4	0 25	17 57	17 22	22 45	22 56	20 6			n.a.
T 27	12 50	21 45	1 55	5 39	0 26	21 13	0 47	24 31	0 45	22 56	1 16	5 47	2 48	7 52	0 28	22 5	0 25	17 58	17 22	22 45	22 56	20 7			n.a.
W28	12 30	22 47	0 40	4 57	0 34	20 59	0 49	24 32	0 46	22 56	1 16	5 49	2 48	7 53	0 28	22 5	0 25	17 58	17 22	22 44	22 56	20 9			n.a.
T 29	12 9	22 20	0s38	4 16	0 41	20 45	0 51	24 33	0 47	22 57	1 16	5 51	2 48	7 54	0 28	22 5	0 25	17 59	17 22	22 44	22 57	20 10			n.a.
F 30	11 48	20 25	1 52	3 35	0 48	20 30	0 53	24 34	0 48	22 58	1 15	5 53	2 49	7 55	0 28	22 5	0 25	17 59	17 22	22 45	22 57	20 12			n.a.
S 31	11n27	17s17	2s59	2n54	0s56	20n14	0n55	24n34	0n49	22s59	1s15	5s54	2s49	7s56	0n27	22s 5	0s25	18s 0	17s23	22n45	22n57	20n13			n.a.

Julian Day Number = 1493354.5, Delta T = 05h12m51s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'50, Lahiri = -12°34'50 Julian Calendar 1 Aug. 625 BCE == Greg. Calendar 25 July 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

SEPTEMBER 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 13 59	1♍28'23	5♓36	22♍ 4	6♌ 0	2♋18	23°R 8	21°R38	21♎11	23°R34	24°R40	16°R16	14♋34	14♊17	n.a.	S 1
M 2	22 17 55	2°27'40	19°13	23°28	7°14	2°53	23♏ 3	21♓34	21°14	23♏32	24♓39	16♋ 8	14°31	14°23	n.a.	M 2
T 3	22 21 52	3°26'59	2♈30	24°51	8°28	3°28	22°59	21°29	21°16	23°31	24°38	16° 0	14°27	14°30	n.a.	T 3
W 4	22 25 48	4°26'20	15°27	26°13	9°42	4° 3	22°55	21°25	21°19	23°30	24°37	15°52	14°24	14°37	n.a.	W 4
T 5	22 29 45	5°25'44	28° 4	27°34	10°56	4°38	22°51	21°20	21°22	23°29	24°35	15°45	14°21	14°43	n.a.	T 5
F 6	22 33 41	6°25'10	10♉23	28°53	12°10	5°13	22°47	21°16	21°25	23°28	24°34	15°39	14°18	14°50	n.a.	F 6
S 7	22 37 38	7°24'39	22°28	0♎11	13°25	5°48	22°43	21°11	21°28	23°27	24°33	15°36	14°15	14°57	n.a.	S 7
S 8	22 41 35	8°24'10	4♊23	1°28	14°39	6°22	22°40	21° 7	21°31	23°26	24°32	15°D35	14°12	15° 3	n.a.	S 8
M 9	22 45 31	9°23'43	16°12	2°44	15°53	6°57	22°37	21° 2	21°34	23°25	24°31	15°35	14° 8	15°10	n.a.	M 9
T 10	22 49 28	10°23'19	28° 2	3°58	17° 8	7°31	22°34	20°57	21°37	23°24	24°30	15°36	14° 5	15°17	n.a.	T 10
W11	22 53 24	11°22'58	9♋57	5°11	18°22	8° 5	22°31	20°52	21°40	23°23	24°29	15°R37	14° 2	15°23	n.a.	W11
T 12	22 57 21	12°22'38	22° 3	6°22	19°37	8°40	22°28	20°48	21°43	23°22	24°28	15°37	13°59	15°30	n.a.	T 12
F 13	23 1 17	13°22'21	4♌23	7°31	20°51	9°14	22°26	20°43	21°46	23°21	24°27	15°35	13°56	15°37	n.a.	F 13
S 14	23 5 14	14°22'07	17° 2	8°38	22° 6	9°48	22°24	20°38	21°49	23°20	24°26	15°30	13°52	15°43	n.a.	S 14
S 15	23 9 10	15°21'54	29°59	9°43	23°21	10°22	22°22	20°33	21°52	23°19	24°24	15°24	13°49	15°50	n.a.	S 15
M16	23 13 7	16°21'44	13♍18	10°46	24°35	10°56	22°20	20°28	21°56	23°18	24°23	15°15	13°46	15°57	n.a.	M16
T 17	23 17 4	17°21'35	26°55	11°46	25°50	11°29	22°18	20°24	21°59	23°17	24°22	15° 4	13°43	16° 3	n.a.	T 17
W18	23 21 0	18°21'29	10♎47	12°43	27° 5	12° 3	22°17	20°19	22° 2	23°17	24°21	14°53	13°40	16°10	n.a.	W18
T 19	23 24 57	19°21'25	24°50	13°36	28°20	12°36	22°15	20°14	22° 5	23°16	24°20	14°43	13°37	16°17	n.a.	T 19
F 20	23 28 53	20°21'22	8♏59	14°27	29°34	13°10	22°14	20° 9	22° 9	23°15	24°19	14°35	13°33	16°23	n.a.	F 20
S 21	23 32 50	21°21'22	23°11	15°13	0♍49	13°43	22°13	20° 4	22°12	23°14	24°18	14°30	13°30	16°30	n.a.	S 21
S 22	23 36 46	22°21'23	7♐23	15°55	2° 4	14°16	22°13	19°59	22°15	23°14	24°16	14°27	13°27	16°37	n.a.	S 22
M23	23 40 43	23°21'26	21°31	16°32	3°19	14°49	22°12	19°54	22°19	23°13	24°15	14°D26	13°24	16°43	n.a.	M23
T 24	23 44 39	24°21'31	5♑35	17° 4	4°34	15°22	22°12	19°50	22°22	23°13	24°14	14°26	13°21	16°50	n.a.	T 24
W25	23 48 36	25°21'37	19°34	17°30	5°49	15°55	22°D12	19°45	22°25	23°12	24°13	14°R26	13°18	16°57	n.a.	W25
T 26	23 52 32	26°21'45	3♒28	17°50	7° 4	16°28	22°12	19°40	22°29	23°11	24°12	14°25	13°14	17° 3	n.a.	T 26
F 27	23 56 29	27°21'54	17°15	18° 2	8°19	17° 0	22°13	19°35	22°32	23°11	24°11	14°21	13°11	17°10	n.a.	F 27
S 28	0 0 26	28°22'06	0♓55	18°R 7	9°34	17°32	22°13	19°30	22°36	23°10	24°10	14°14	13° 8	17°17	n.a.	S 28
S 29	0 4 22	29°22'19	14°24	18° 3	10°49	18° 5	22°14	19°26	22°39	23°10	24° 8	14° 5	13° 5	17°23	n.a.	S 29
M30	0 8 19	0♎22'34	27♓41	17♎51	12♍ 4	18♋37	22♏15	19♓21	22♎43	23♏10	24♓ 7	13♋53	13♋ 2	17♊30	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 6	13s12	3s54	2n13	1s 3	19n58	0n58	24n34	0n50	23s 0	1s15	5s56	2s49	7s57	0n27	22s 6	0s25	18s 0	17s23	22n46	22n58	20n15		n.a.
M 2	10 44	8 31	4 35	1 33	1 11	19 41	1 0	24 35	0 50	23 0	1 15	5 58	2 49	7 58	0 27	22 6	0 25	18 1	17 23	22 47	22 58	20 16		n.a.
T 3	10 23	3 33	4 59	0 53	1 18	19 23	1 2	24 35	0 51	23 1	1 15	6 0	2 49	7 59	0 27	22 6	0 25	18 2	17 23	22 48	22 58	20 18		n.a.
W 4	10 1	1n27	5 8	0 13	1 25	19 5	1 4	24 35	0 52	23 2	1 15	6 2	2 49	8 0	0 27	22 6	0 25	18 2	17 23	22 49	22 59	20 19		n.a.
T 5	9 39	6 16	5 1	0s26	1 33	18 47	1 5	24 34	0 53	23 2	1 15	6 4	2 49	8 1	0 27	22 7	0 25	18 3	17 23	22 50	22 59	20 21		n.a.
F 6	9 17	10 43	4 40	1 4	1 40	18 27	1 7	24 34	0 54	23 3	1 15	6 6	2 49	8 3	0 27	22 7	0 25	18 3	17 23	22 50	22 59	20 22		n.a.
S 7	8 54	14 40	4 7	1 42	1 47	18 8	1 9	24 33	0 55	23 3	1 15	6 8	2 50	8 4	0 27	22 7	0 25	18 4	17 23	22 51	23 0	20 24		n.a.
S 8	8 32	17 59	3 23	2 20	1 54	17 47	1 11	24 33	0 56	23 4	1 15	6 10	2 50	8 5	0 27	22 7	0 25	18 4	17 24	22 51	23 0	20 25		n.a.
M 9	8 9	20 32	2 31	2 56	2 0	17 27	1 12	24 32	0 57	23 4	1 15	6 12	2 50	8 6	0 27	22 7	0 25	18 5	17 24	22 51	23 0	20 27		n.a.
T 10	7 47	22 12	1 33	3 32	2 7	17 5	1 14	24 31	0 58	23 5	1 15	6 14	2 50	8 7	0 27	22 7	0 25	18 5	17 24	22 51	23 1	20 29		n.a.
W11	7 24	22 53	0 30	4 7	2 13	16 43	1 15	24 30	0 59	23 5	1 14	6 16	2 50	8 8	0 27	22 8	0 25	18 6	17 24	22 51	23 1	20 30		n.a.
T 12	7 1	22 30	0n34	4 42	2 20	16 21	1 17	24 28	1 0	23 5	1 14	6 18	2 50	8 9	0 27	22 8	0 25	18 6	17 24	22 51	23 1	20 31		n.a.
F 13	6 37	21 2	1 39	5 15	2 26	15 58	1 18	24 27	1 1	23 6	1 14	6 20	2 50	8 11	0 27	22 8	0 25	18 7	17 24	22 51	23 2	20 33		n.a.
S 14	6 14	18 29	2 40	5 47	2 31	15 35	1 20	24 26	1 2	23 6	1 14	6 22	2 50	8 12	0 27	22 8	0 25	18 7	17 24	22 51	23 2	20 34		n.a.
S 15	5 51	14 57	3 34	6 18	2 37	15 12	1 21	24 24	1 3	23 6	1 14	6 24	2 50	8 13	0 27	22 8	0 25	18 8	17 24	22 52	23 2	20 36		n.a.
M16	5 27	10 37	4 18	6 47	2 42	14 47	1 22	24 22	1 4	23 6	1 14	6 25	2 50	8 14	0 27	22 8	0 25	18 8	17 24	22 53	23 3	20 37		n.a.
T 17	5 4	5 39	4 48	7 16	2 47	14 23	1 23	24 20	1 5	23 7	1 14	6 27	2 50	8 16	0 27	22 9	0 25	18 9	17 24	22 54	23 3	20 39		n.a.
W18	4 40	0 18	5 2	7 42	2 51	13 58	1 24	24 18	1 5	23 7	1 14	6 29	2 50	8 17	0 27	22 9	0 25	18 9	17 24	22 56	23 3	20 40		n.a.
T 19	4 16	5s 7	4 59	8 7	2 55	13 33	1 25	24 16	1 6	23 7	1 14	6 31	2 50	8 18	0 27	22 9	0 25	18 10	17 24	22 57	23 4	20 42		n.a.
F 20	3 52	10 20	4 36	8 30	2 58	13 7	1 26	24 14	1 7	23 7	1 13	6 33	2 50	8 19	0 27	22 9	0 25	18 10	17 24	22 58	23 4	20 43		n.a.
S 21	3 28	15 0	3 57	8 51	3 1	12 41	1 27	24 11	1 8	23 7	1 13	6 35	2 50	8 21	0 27	22 9	0 25	18 11	17 24	22 58	23 4	20 45		n.a.
S 22	3 4	18 49	3 4	9 9	3 3	12 14	1 27	24 9	1 9	23 7	1 13	6 37	2 50	8 22	0 27	22 9	0 25	18 11	17 24	22 58	23 5	20 46		n.a.
M23	2 40	21 31	1 59	9 25	3 4	11 48	1 28	24 6	1 11	23 7	1 13	6 39	2 50	8 23	0 27	22 9	0 25	18 12	17 24	22 59	23 5	20 48		n.a.
T 24	2 16	22 52	0 47	9 38	3 5	11 20	1 29	24 3	1 12	23 7	1 13	6 41	2 50	8 24	0 27	22 9	0 25	18 12	17 24	22 59	23 5	20 49		n.a.
W25	1 52	22 46	0s27	9 47	3 4	10 53	1 29	24 0	1 13	23 7	1 13	6 43	2 50	8 26	0 27	22 9	0 25	18 12	17 24	22 59	23 6	20 51		n.a.
T 26	1 28	21 15	1 39	9 54	3 3	10 25	1 30	23 57	1 14	23 6	1 13	6 45	2 50	8 27	0 27	22 10	0 25	18 13	17 24	22 59	23 6	20 52		n.a.
F 27	1 4	18 29	2 45	9 56	3 0	9 57	1 30	23 54	1 15	23 6	1 13	6 47	2 50	8 28	0 27	22 10	0 25	18 13	17 24	22 59	23 6	20 53		n.a.
S 28	0 39	14 43	3 40	9 54	2 56	9 29	1 30	23 51	1 16	23 6	1 12	6 49	2 50	8 30	0 27	22 10	0 25	18 14	17 24	23 0	23 7	20 55		n.a.
S 29	0 15	10 14	4 22	9 48	2 51	9 0	1 31	23 48	1 17	23 6	1 12	6 51	2 50	8 31	0 27	22 10	0 25	18 14	17 24	23 1	23 7	20 56		n.a.
M30	0s 9	5s20	4s49	9s37	2s44	8n31	1n31	23n44	1n18	23s 5	1s12	6s52	2s50	8s32	0n27	22s10	0s25	18s15	17s24	23n 2	23n 7	20n58		n.a.

Julian Day Number = 1493385.5, Delta T = 05h12m50s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'46, Lahiri = -12°34'45 Julian Calendar 1 Sept. 625 BCE == Greg. Calendar 25 Aug. 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

OCTOBER 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 12 15	1♎22'50	10♈43	17°R29	13♍20	19♋ 9	22♑16	19°R16	22♎46	23°R 9	24°R 6	13°R40	12♋58	17♊37	n.a.	T 1
W 2	0 16 12	2°23'09	23°30	16♎57	14°35	19°41	22°17	19♓11	22°50	23♑ 9	24♓ 5	13♋27	12°55	17°43	n.a.	W 2
T 3	0 20 8	3°23'29	6♉ 1	16°16	15°50	20°13	22°19	19° 7	22°53	23° 9	24° 4	13°15	12°52	17°50	n.a.	T 3
F 4	0 24 5	4°23'52	18°16	15°25	17° 5	20°44	22°21	19° 2	22°57	23° 8	24° 3	13° 5	12°49	17°57	n.a.	F 4
S 5	0 28 1	5°24'17	0♊19	14°26	18°21	21°16	22°23	18°58	23° 0	23° 8	24° 2	12°57	12°46	18° 3	n.a.	S 5
S 6	0 31 58	6°24'43	12°12	13°18	19°36	21°47	22°25	18°53	23° 4	23° 8	24° 1	12°53	12°43	18°10	n.a.	S 6
M 7	0 35 55	7°25'12	24° 1	12° 4	20°51	22°18	22°27	18°49	23° 8	23° 8	23°59	12°51	12°39	18°17	n.a.	M 7
T 8	0 39 51	8°25'43	5♋49	10°46	22° 6	22°49	22°30	18°44	23°11	23° 8	23°58	12°50	12°36	18°23	n.a.	T 8
W 9	0 43 48	9°26'15	17°43	9°26	23°22	23°20	22°33	18°40	23°15	23° 7	23°57	12°50	12°33	18°30	n.a.	W 9
T 10	0 47 44	10°26'50	29°48	8° 7	24°37	23°51	22°36	18°36	23°19	23° 7	23°56	12°50	12°30	18°37	n.a.	T 10
F 11	0 51 41	11°27'26	12♌10	6°50	25°53	24°22	22°39	18°31	23°22	23° 7	23°55	12°47	12°27	18°43	n.a.	F 11
S 12	0 55 37	12°28'04	24°53	5°40	27° 8	24°52	22°42	18°27	23°26	23°D 7	23°54	12°42	12°23	18°50	n.a.	S 12
S 13	0 59 34	13°28'44	8♍ 0	4°37	28°24	25°22	22°46	18°23	23°30	23° 7	23°53	12°34	12°20	18°57	n.a.	S 13
M14	1 3 30	14°29'26	21°32	3°44	29°39	25°52	22°50	18°19	23°33	23° 7	23°52	12°24	12°17	19° 3	n.a.	M14
T 15	1 7 27	15°30'10	5♎28	3° 1	0♎54	26°22	22°54	18°15	23°37	23° 7	23°51	12°12	12°14	19°10	n.a.	T 15
W16	1 11 23	16°30'55	19°44	2°30	2°10	26°52	22°58	18°11	23°41	23° 8	23°50	11°59	12°11	19°17	n.a.	W16
T 17	1 15 20	17°31'41	4♏15	2°11	3°25	27°22	23° 2	18° 7	23°44	23° 8	23°49	11°47	12° 8	19°23	n.a.	T 17
F 18	1 19 17	18°32'29	18°52	2°D 3	4°41	27°51	23° 6	18° 3	23°48	23° 8	23°48	11°37	12° 4	19°30	n.a.	F 18
S 19	1 23 13	19°33'18	3♐30	2° 7	5°56	28°20	23°11	17°59	23°52	23° 8	23°47	11°30	12° 1	19°36	n.a.	S 19
S 20	1 27 10	20°34'09	18° 0	2°21	7°12	28°49	23°16	17°55	23°56	23° 8	23°46	11°26	11°58	19°43	n.a.	S 20
M21	1 31 6	21°35'01	2♑20	2°44	8°28	29°18	23°21	17°52	23°59	23° 9	23°45	11°25	11°55	19°50	n.a.	M21
T 22	1 35 3	22°35'53	16°27	3°16	9°43	29°47	23°26	17°48	24° 3	23° 9	23°44	11°25	11°52	19°56	n.a.	T 22
W23	1 38 59	23°36'47	0♒21	3°56	10°59	0♌15	23°32	17°45	24° 7	23°10	23°43	11°25	11°49	20° 3	n.a.	W23
T 24	1 42 56	24°37'41	14° 2	4°43	12°14	0°43	23°37	17°42	24°10	23°10	23°42	11°23	11°45	20°10	n.a.	T 24
F 25	1 46 53	25°38'37	27°30	5°36	13°30	1°11	23°43	17°38	24°14	23°10	23°41	11°20	11°42	20°16	n.a.	F 25
S 26	1 50 49	26°39'33	10♓47	6°35	14°45	1°39	23°49	17°35	24°18	23°11	23°40	11°13	11°39	20°23	n.a.	S 26
S 27	1 54 46	27°40'31	23°52	7°38	16° 1	2° 7	23°55	17°32	24°22	23°11	23°39	11° 4	11°36	20°30	n.a.	S 27
M28	1 58 42	28°41'29	6♈47	8°46	17°16	2°34	24° 1	17°29	24°25	23°12	23°38	10°52	11°33	20°36	n.a.	M28
T 29	2 2 39	29°42'28	19°29	9°56	18°32	3° 1	24° 8	17°26	24°29	23°12	23°37	10°39	11°29	20°43	n.a.	T 29
W30	2 6 35	0♏43'28	2♉ 0	11°10	19°48	3°28	24°14	17°23	24°33	23°13	23°36	10°26	11°26	20°50	n.a.	W30
T 31	2 10 32	1♏44'30	14♉19	12♎27	21♎ 3	3♌55	24♑21	17♓20	24♎37	23♑14	23♓35	10♋14	11♋23	20♊56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0s33	0s18	5s 0	9s20	2s35	8n 2	1n31	23n41	1n19	23s 5	1s12	6s54	2s50	8s34	0n27	22s10	0s25	18s15	17s24	23n 3	23n 8	20n59			n.a.
W 2	0 58	4n40	4 56	8 58	2 25	7 33	1 31	23 37	1 20	23 5	1 12	6 56	2 50	8 35	0 27	22 10	0 25	18 15	17 24	23 5	23 8	21 0			n.a.
T 3	1 22	9 21	4 38	8 31	2 13	7 3	1 31	23 34	1 21	23 4	1 12	6 58	2 50	8 36	0 27	22 10	0 25	18 16	17 24	23 6	23 8	21 2			n.a.
F 4	1 46	13 34	4 7	7 58	1 59	6 33	1 31	23 30	1 22	23 4	1 12	7 0	2 50	8 38	0 27	22 10	0 25	18 16	17 24	23 7	23 9	21 3			n.a.
S 5	2 11	17 10	3 25	7 21	1 43	6 4	1 31	23 26	1 23	23 3	1 12	7 1	2 50	8 39	0 27	22 10	0 25	18 17	17 24	23 8	23 9	21 5			n.a.
S 6	2 35	20 1	2 35	6 38	1 26	5 33	1 30	23 22	1 24	23 3	1 11	7 3	2 50	8 40	0 27	22 10	0 25	18 17	17 24	23 8	23 9	21 6			n.a.
M 7	2 59	22 0	1 38	5 52	1 7	5 3	1 30	23 18	1 26	23 2	1 11	7 5	2 50	8 42	0 27	22 10	0 25	18 17	17 23	23 8	23 10	21 7			n.a.
T 8	3 23	23 1	0 37	5 3	0 47	4 33	1 30	23 14	1 27	23 2	1 11	7 6	2 49	8 43	0 27	22 10	0 25	18 18	17 23	23 8	23 10	21 9			n.a.
W 9	3 47	23 0	0n26	4 12	0 27	4 2	1 29	23 10	1 28	23 1	1 11	7 8	2 49	8 45	0 27	22 10	0 25	18 18	17 23	23 8	23 10	21 10			n.a.
T 10	4 11	21 55	1 29	3 21	0 6	3 31	1 29	23 6	1 29	23 1	1 11	7 10	2 49	8 46	0 27	22 10	0 25	18 18	17 23	23 9	23 10	21 12			n.a.
F 11	4 36	19 45	2 29	2 32	0n15	3 0	1 28	23 1	1 30	23 0	1 11	7 11	2 49	8 47	0 27	22 10	0 25	18 19	17 23	23 9	23 11	21 13			n.a.
S 12	5 0	16 35	3 23	1 45	0 34	2 29	1 28	22 57	1 31	22 59	1 11	7 13	2 49	8 49	0 27	22 10	0 25	18 19	17 23	23 9	23 11	21 14			n.a.
S 13	5 23	12 31	4 8	1 3	0 53	1 58	1 27	22 52	1 32	22 59	1 10	7 14	2 49	8 50	0 27	22 10	0 25	18 19	17 23	23 10	23 11	21 16			n.a.
M14	5 47	7 42	4 41	0 26	1 10	1 27	1 26	22 48	1 34	22 58	1 10	7 16	2 49	8 51	0 27	22 10	0 25	18 20	17 23	23 11	23 12	21 17			n.a.
T 15	6 11	2 21	4 58	0n 5	1 26	0 56	1 25	22 43	1 35	22 57	1 10	7 17	2 49	8 53	0 27	22 10	0 25	18 20	17 22	23 12	23 12	21 18			n.a.
W16	6 35	3s14	4 58	0 30	1 39	0 25	1 24	22 39	1 36	22 56	1 10	7 19	2 48	8 54	0 27	22 10	0 25	18 20	17 22	23 13	23 12	21 20			n.a.
T 17	6 58	8 45	4 38	0 49	1 51	0s 6	1 23	22 34	1 37	22 55	1 10	7 20	2 48	8 56	0 27	22 10	0 25	18 20	17 22	23 14	23 12	21 21			n.a.
F 18	7 22	13 50	4 0	1 1	2 1	0 38	1 22	22 29	1 39	22 54	1 10	7 22	2 48	8 57	0 27	22 10	0 25	18 21	17 22	23 15	23 13	21 22			n.a.
S 19	7 45	18 6	3 6	1 7	2 9	1 9	1 21	22 24	1 40	22 53	1 10	7 23	2 48	8 58	0 27	22 10	0 25	18 21	17 22	23 16	23 13	21 24			n.a.
S 20	8 8	21 13	2 0	1 7	2 16	1 40	1 20	22 20	1 41	22 52	1 9	7 24	2 48	9 0	0 27	22 10	0 25	18 21	17 22	23 16	23 13	21 25			n.a.
M21	8 32	22 57	0 48	1 2	2 20	2 12	1 19	22 15	1 42	22 51	1 9	7 26	2 48	9 1	0 27	22 10	0 25	18 22	17 21	23 16	23 14	21 26			n.a.
T 22	8 55	23 11	0s27	0 52	2 24	2 43	1 18	22 10	1 44	22 50	1 9	7 27	2 47	9 3	0 27	22 10	0 25	18 22	17 21	23 16	23 14	21 28			n.a.
W23	9 17	21 57	1 39	0 38	2 25	3 14	1 16	22 5	1 45	22 49	1 9	7 28	2 47	9 4	0 27	22 10	0 25	18 22	17 21	23 16	23 14	21 29			n.a.
T 24	9 40	19 27	2 44	0 20	2 26	3 45	1 15	22 0	1 46	22 48	1 9	7 29	2 47	9 5	0 27	22 10	0 25	18 22	17 21	23 16	23 15	21 30			n.a.
F 25	10 3	15 55	3 38	0s 2	2 26	4 16	1 14	21 55	1 47	22 47	1 9	7 30	2 47	9 7	0 27	22 10	0 25	18 22	17 21	23 17	23 15	21 32			n.a.
S 26	10 25	11 38	4 20	0 27	2 25	4 47	1 12	21 50	1 49	22 46	1 9	7 31	2 47	9 8	0 27	22 10	0 25	18 23	17 20	23 17	23 15	21 33			n.a.
S 27	10 47	6 52	4 48	0 54	2 22	5 18	1 11	21 45	1 50	22 45	1 8	7 32	2 46	9 10	0 27	22 10	0 25	18 23	17 20	23 18	23 15	21 34			n.a.
M28	11 9	1 52	5 1	1 23	2 19	5 49	1 9	21 40	1 51	22 43	1 8	7 33	2 46	9 11	0 27	22 9	0 25	18 23	17 20	23 19	23 16	21 36			n.a.
T 29	11 31	3n 8	4 58	1 55	2 16	6 19	1 7	21 35	1 53	22 42	1 8	7 34	2 46	9 12	0 27	22 9	0 25	18 23	17 20	23 20	23 16	21 37			n.a.
W30	11 53	7 57	4 41	2 28	2 12	6 50	1 6	21 30	1 54	22 41	1 8	7 35	2 46	9 14	0 27	22 9	0 25	18 23	17 20	23 21	23 16	21 38			n.a.
T 31	12s15	12n22	4s11	3s 2	2n 7	7s20	1n 4	21n25	1n56	22s39	1s 8	7s36	2s46	9s15	0n27	22s 9	0s25	18s23	17s19	23n22	23n16	21n39			n.a.

Julian Day Number = 1493415.5, Delta T = 05h12m49s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'42, Lahiri = -12°34'41 Julian Calendar 1 Oct. 625 BCE == Greg. Calendar 24 Sept. 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

NOVEMBER 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 14 28	2♏45'32	26♉27	13♎46	22♎19	4♌21	24♑28	17°R18	24♎40	23♑14	23°R34	10°R 4	11♋20	21♊ 3	n.a.	F 1
S 2	2 18 25	3°46'36	8♊25	15° 6	23°34	4°48	24°35	17♓15	24°44	23°15	23♓34	9♋56	11°17	21°10	n.a.	S 2
S 3	2 22 22	4°47'41	20°16	16°28	24°50	5°14	24°43	17°13	24°48	23°16	23°33	9°52	11°14	21°16	n.a.	S 3
M 4	2 26 18	5°48'47	2♋ 3	17°52	26° 6	5°39	24°50	17°10	24°51	23°17	23°32	9°49	11°10	21°23	n.a.	M 4
T 5	2 30 15	6°49'54	13°50	19°17	27°21	6° 5	24°58	17° 8	24°55	23°18	23°31	9°D49	11° 7	21°30	n.a.	T 5
W 6	2 34 11	7°51'02	25°42	20°43	28°37	6°30	25° 5	17° 6	24°59	23°18	23°30	9°50	11° 4	21°36	n.a.	W 6
T 7	2 38 8	8°52'11	7♌44	22°10	29°52	6°55	25°13	17° 4	25° 2	23°19	23°30	9°R50	11° 1	21°43	n.a.	T 7
F 8	2 42 4	9°53'21	20° 3	23°38	1♏ 8	7°20	25°21	17° 2	25° 6	23°20	23°29	9°50	10°58	21°50	n.a.	F 8
S 9	2 46 1	10°54'32	2♍43	25° 6	2°24	7°44	25°29	17° 0	25°10	23°21	23°28	9°47	10°54	21°56	n.a.	S 9
S 10	2 49 57	11°55'44	15°48	26°35	3°39	8° 8	25°38	16°58	25°13	23°22	23°27	9°42	10°51	22° 3	n.a.	S 10
M11	2 53 54	12°56'57	29°21	28° 4	4°55	8°32	25°46	16°57	25°17	23°23	23°27	9°35	10°48	22°10	n.a.	M11
T 12	2 57 51	13°58'10	13♎23	29°34	6°11	8°56	25°55	16°55	25°20	23°24	23°26	9°27	10°45	22°16	n.a.	T 12
W13	3 1 47	14°59'24	27°51	1♏ 4	7°26	9°19	26° 3	16°54	25°24	23°25	23°25	9°17	10°42	22°23	n.a.	W13
T 14	3 5 44	16° 0'39	12♏39	2°35	8°42	9°42	26°12	16°52	25°28	23°26	23°25	9° 9	10°39	22°30	n.a.	T 14
F 15	3 9 40	17° 1'55	27°38	4° 5	9°57	10° 4	26°21	16°51	25°31	23°27	23°24	9° 1	10°35	22°36	n.a.	F 15
S 16	3 13 37	18° 3'11	12♐40	5°37	11°13	10°27	26°31	16°50	25°35	23°29	23°23	8°56	10°32	22°43	n.a.	S 16
S 17	3 17 33	19° 4'27	27°36	7° 8	12°29	10°49	26°40	16°49	25°38	23°30	23°23	8°54	10°29	22°49	n.a.	S 17
M18	3 21 30	20° 5'44	12♑17	8°40	13°44	11°10	26°49	16°48	25°42	23°31	23°22	8°D53	10°26	22°56	n.a.	M18
T 19	3 25 26	21° 7'00	26°41	10°12	15° 0	11°31	26°59	16°47	25°45	23°32	23°22	8°54	10°23	23° 3	n.a.	T 19
W20	3 29 23	22° 8'17	10♒43	11°44	16°15	11°52	27° 8	16°47	25°49	23°34	23°21	8°55	10°20	23° 9	n.a.	W20
T 21	3 33 20	23° 9'33	24°25	13°16	17°31	12°13	27°18	16°46	25°52	23°35	23°21	8°R56	10°16	23°16	n.a.	T 21
F 22	3 37 16	24°10'49	7♓47	14°49	18°46	12°33	27°28	16°46	25°55	23°36	23°20	8°55	10°13	23°23	n.a.	F 22
S 23	3 41 13	25°12'05	20°52	16°22	20° 2	12°53	27°38	16°45	25°59	23°38	23°20	8°52	10°10	23°29	n.a.	S 23
S 24	3 45 9	26°13'21	3♈42	17°55	21°18	13°12	27°48	16°45	26° 2	23°39	23°19	8°47	10° 7	23°36	n.a.	S 24
M25	3 49 6	27°14'37	16°18	19°28	22°33	13°31	27°59	16°D45	26° 5	23°40	23°19	8°40	10° 4	23°43	n.a.	M25
T 26	3 53 2	28°15'52	28°43	21° 2	23°49	13°50	28° 9	16°45	26° 9	23°42	23°18	8°32	10° 0	23°49	n.a.	T 26
W27	3 56 59	29°17'08	10♉57	22°36	25° 4	14° 8	28°20	16°45	26°12	23°43	23°18	8°24	9°57	23°56	n.a.	W27
T 28	4 0 55	0♗18'23	23° 3	24°10	26°20	14°26	28°30	16°46	26°15	23°45	23°18	8°17	9°54	24° 3	n.a.	T 28
F 29	4 4 52	1°19'39	5♊ 2	25°45	27°35	14°43	28°41	16°46	26°19	23°46	23°17	8°11	9°51	24° 9	n.a.	F 29
S 30	4 8 49	2♗20'54	16♊54	27♏20	28♏51	15♌ 0	28♑52	16♓46	26♎22	23♑48	23♓17	8♋ 7	9♋48	24♊16	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s36	16n14	3s29	3s38	2n 2	7s50	1n 2	21n20	1n57	22s38	1s 8	7s37	2s45	9s17	0n27	22s 9	0s25	18s23	17s19	23n23	23n17	21n41		n.a.
S 2	12 57	19 24	2 39	4 14	1 57	8 20	1 0	21 15	1 58	22 37	1 8	7 38	2 45	9 18	0 27	22 9	0 25	18 24	17 19	23 24	23 17	21 42		n.a.
S 3	13 18	21 42	1 42	4 51	1 51	8 50	0 59	21 9	2 0	22 35	1 8	7 39	2 45	9 19	0 27	22 9	0 25	18 24	17 19	23 24	23 17	21 43		n.a.
M 4	13 39	23 4	0 41	5 29	1 45	9 20	0 57	21 4	2 1	22 34	1 7	7 39	2 45	9 21	0 27	22 9	0 25	18 24	17 18	23 24	23 18	21 45		n.a.
T 5	13 59	23 24	0n21	6 8	1 39	9 49	0 55	20 59	2 3	22 32	1 7	7 40	2 45	9 22	0 27	22 8	0 25	18 24	17 18	23 24	23 18	21 46		n.a.
W 6	14 19	22 40	1 24	6 46	1 33	10 18	0 53	20 54	2 4	22 31	1 7	7 41	2 44	9 23	0 27	22 8	0 25	18 24	17 18	23 24	23 18	21 47		n.a.
T 7	14 39	20 54	2 24	7 25	1 26	10 47	0 51	20 49	2 6	22 29	1 7	7 41	2 44	9 25	0 27	22 8	0 25	18 24	17 18	23 24	23 18	21 48		n.a.
F 8	14 59	18 8	3 18	8 4	1 19	11 16	0 49	20 44	2 7	22 27	1 7	7 42	2 44	9 26	0 27	22 8	0 25	18 24	17 17	23 24	23 19	21 50		n.a.
S 9	15 18	14 27	4 5	8 43	1 12	11 44	0 47	20 39	2 9	22 26	1 7	7 42	2 44	9 27	0 27	22 8	0 25	18 24	17 17	23 24	23 19	21 51		n.a.
S 10	15 37	9 58	4 40	9 22	1 6	12 12	0 45	20 35	2 10	22 24	1 7	7 43	2 43	9 29	0 27	22 8	0 25	18 24	17 17	23 25	23 19	21 52		n.a.
M11	15 56	4 51	5 1	10 1	0 59	12 40	0 43	20 30	2 12	22 22	1 7	7 43	2 43	9 30	0 27	22 7	0 25	18 24	17 16	23 25	23 19	21 53		n.a.
T 12	16 15	0s41	5 5	10 40	0 52	13 8	0 40	20 25	2 13	22 21	1 6	7 44	2 43	9 31	0 27	22 7	0 25	18 24	17 16	23 26	23 20	21 55		n.a.
W13	16 33	6 21	4 50	11 19	0 45	13 35	0 38	20 20	2 15	22 19	1 6	7 44	2 43	9 33	0 27	22 7	0 25	18 24	17 16	23 26	23 20	21 56		n.a.
T 14	16 51	11 47	4 16	11 57	0 37	14 2	0 36	20 15	2 16	22 17	1 6	7 44	2 42	9 34	0 27	22 7	0 25	18 24	17 16	23 27	23 20	21 57		n.a.
F 15	17 9	16 36	3 23	12 35	0 30	14 28	0 34	20 11	2 18	22 15	1 6	7 45	2 42	9 35	0 27	22 7	0 25	18 24	17 15	23 27	23 20	21 58		n.a.
S 16	17 27	20 22	2 16	13 12	0 23	14 54	0 32	20 6	2 20	22 13	1 6	7 45	2 42	9 37	0 27	22 6	0 25	18 24	17 15	23 28	23 21	21 59		n.a.
S 17	17 44	22 44	1 1	13 49	0 16	15 20	0 29	20 1	2 21	22 11	1 6	7 45	2 42	9 38	0 27	22 6	0 25	18 24	17 15	23 28	23 21	22 1		n.a.
M18	18 1	23 30	0s18	14 26	0 9	15 45	0 27	19 57	2 23	22 9	1 6	7 45	2 41	9 39	0 27	22 6	0 25	18 24	17 14	23 28	23 21	22 2		n.a.
T 19	18 17	22 39	1 35	15 2	0 3	16 10	0 25	19 53	2 25	22 7	1 6	7 45	2 41	9 40	0 27	22 6	0 25	18 24	17 14	23 28	23 21	22 3		n.a.
W20	18 33	20 24	2 43	15 38	0s 4	16 34	0 22	19 48	2 26	22 5	1 6	7 45	2 41	9 42	0 27	22 6	0 25	18 24	17 14	23 28	23 22	22 4		n.a.
T 21	18 49	17 2	3 41	16 13	0 11	16 58	0 20	19 44	2 28	22 3	1 6	7 45	2 40	9 43	0 27	22 5	0 25	18 24	17 13	23 28	23 22	22 5		n.a.
F 22	19 5	12 51	4 25	16 47	0 18	17 22	0 18	19 40	2 30	22 1	1 5	7 45	2 40	9 44	0 27	22 5	0 25	18 24	17 13	23 28	23 22	22 7		n.a.
S 23	19 20	8 10	4 54	17 21	0 24	17 45	0 15	19 36	2 31	21 59	1 5	7 45	2 40	9 46	0 27	22 5	0 25	18 24	17 13	23 28	23 22	22 8		n.a.
S 24	19 34	3 13	5 8	17 54	0 31	18 7	0 13	19 32	2 33	21 57	1 5	7 45	2 40	9 47	0 27	22 5	0 25	18 23	17 12	23 28	23 23	22 9		n.a.
M25	19 49	1n47	5 7	18 26	0 37	18 29	0 11	19 28	2 35	21 55	1 5	7 44	2 39	9 48	0 27	22 4	0 25	18 23	17 12	23 29	23 23	22 10		n.a.
T 26	20 3	6 39	4 51	18 57	0 43	18 51	0 8	19 24	2 37	21 53	1 5	7 44	2 39	9 49	0 27	22 4	0 25	18 23	17 12	23 29	23 23	22 11		n.a.
W27	20 16	11 11	4 21	19 28	0 49	19 12	0 6	19 21	2 39	21 50	1 5	7 44	2 39	9 50	0 27	22 4	0 25	18 23	17 11	23 30	23 23	22 12		n.a.
T 28	20 30	15 14	3 41	19 58	0 55	19 33	0 4	19 17	2 40	21 48	1 5	7 43	2 39	9 52	0 27	22 4	0 25	18 23	17 11	23 30	23 24	22 14		n.a.
F 29	20 43	18 38	2 50	20 27	1 1	19 52	0 1	19 14	2 42	21 46	1 5	7 43	2 38	9 53	0 27	22 3	0 25	18 23	17 11	23 31	23 24	22 15		n.a.
S 30	20s55	21n14	1s53	20s55	1s 6	20s12	0s 1	19n10	2n44	21s43	1s 5	7s43	2s38	9s54	0n27	22s 3	0s25	18s22	17s10	23n31	23n24	22n16		n.a.

Julian Day Number = 1493446.5, Delta T = 05h12m47s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'38, Lahiri = -12°34'37 Julian Calendar 1 Nov. 625 BCE == Greg. Calendar 25 Oct. 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 625 BCE
geocentric

DECEMBER 625 BCE (-624) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 12 45	3♐22'09	28♊42	28♏55	0♐ 6	15♌16	29♉ 3	16♓47	26♎25	23♉50	23°R17	8°R 5	9♋45	24♊23	n.a.	S 1
M 2	4 16 42	4°23'24	10♋29	0♐31	1°22	15°32	29°14	16°48	26°28	23°51	23♓17	8°D 5	9°41	24°29	n.a.	M 2
T 3	4 20 38	5°24'39	22°17	2° 7	2°37	15°48	29°25	16°49	26°31	23°53	23°16	8♋ 6	9°38	24°36	n.a.	T 3
W 4	4 24 35	6°25'54	4♌11	3°43	3°53	16° 3	29°36	16°49	26°34	23°54	23°16	8° 7	9°35	24°43	n.a.	W 4
T 5	4 28 31	7°27'08	16°13	5°20	5° 8	16°17	29°48	16°50	26°37	23°56	23°16	8° 9	9°32	24°49	n.a.	T 5
F 6	4 32 28	8°28'23	28°30	6°57	6°24	16°31	29°59	16°52	26°40	23°58	23°16	8°11	9°29	24°56	n.a.	F 6
S 7	4 36 25	9°29'37	11♍ 5	8°35	7°39	16°45	0♒11	16°53	26°43	24° 0	23°15	8°R11	9°26	25° 3	n.a.	S 7
S 8	4 40 21	10°30'52	24° 4	10°13	8°54	16°58	0°22	16°54	26°46	24° 1	23°15	8°10	9°22	25° 9	n.a.	S 8
M 9	4 44 18	11°32'06	7♎29	11°52	10°10	17°10	0°34	16°56	26°49	24° 3	23°15	8° 8	9°19	25°16	n.a.	M 9
T 10	4 48 14	12°33'19	21°23	13°31	11°25	17°22	0°46	16°57	26°52	24° 5	23°15	8° 5	9°16	25°22	n.a.	T 10
W11	4 52 11	13°34'33	5♏44	15°10	12°41	17°34	0°58	16°59	26°55	24° 7	23°15	8° 1	9°13	25°29	n.a.	W11
T 12	4 56 7	14°35'46	20°31	16°50	13°56	17°45	1°10	17° 1	26°58	24° 9	23°15	7°58	9°10	25°36	n.a.	T 12
F 13	5 0 4	15°36'59	5♐35	18°31	15°12	17°55	1°22	17° 3	27° 1	24°10	23°15	7°55	9° 6	25°42	n.a.	F 13
S 14	5 4 0	16°38'11	20°48	20°12	16°27	18° 4	1°34	17° 5	27° 3	24°12	23°D15	7°53	9° 3	25°49	n.a.	S 14
S 15	5 7 57	17°39'23	6♑ 1	21°53	17°42	18°13	1°47	17° 7	27° 6	24°14	23°15	7°D52	9° 0	25°56	n.a.	S 15
M16	5 11 54	18°40'33	21° 3	23°35	18°58	18°22	1°59	17° 9	27° 9	24°16	23°15	7°53	8°57	26° 2	n.a.	M16
T 17	5 15 50	19°41'43	5♒46	25°18	20°13	18°30	2°11	17°12	27°11	24°18	23°15	7°54	8°54	26° 9	n.a.	T 17
W18	5 19 47	20°42'51	20° 6	27° 0	21°28	18°37	2°24	17°14	27°14	24°20	23°15	7°55	8°51	26°16	n.a.	W18
T 19	5 23 43	21°43'58	4♓ 0	28°43	22°44	18°43	2°36	17°17	27°17	24°22	23°15	7°56	8°47	26°22	n.a.	T 19
F 20	5 27 40	22°45'04	17°29	0♑27	23°59	18°49	2°49	17°20	27°19	24°24	23°15	7°R57	8°44	26°29	n.a.	F 20
S 21	5 31 36	23°46'09	0♈34	2°11	25°14	18°54	3° 2	17°22	27°22	24°26	23°15	7°57	8°41	26°36	n.a.	S 21
S 22	5 35 33	24°47'12	13°19	3°55	26°30	18°59	3°15	17°25	27°24	24°28	23°16	7°56	8°38	26°42	n.a.	S 22
M23	5 39 30	25°48'15	25°46	5°39	27°45	19° 3	3°27	17°28	27°26	24°30	23°16	7°55	8°35	26°49	n.a.	M23
T 24	5 43 26	26°49'16	8♉ 0	7°23	29° 0	19° 6	3°40	17°31	27°29	24°32	23°16	7°53	8°32	26°56	n.a.	T 24
W25	5 47 23	27°50'15	20° 3	9° 7	0♑15	19° 8	3°53	17°35	27°31	24°34	23°16	7°52	8°28	27° 2	n.a.	W25
T 26	5 51 19	28°51'14	1♊59	10°50	1°31	19°10	4° 6	17°38	27°33	24°36	23°17	7°50	8°25	27° 9	n.a.	T 26
F 27	5 55 16	29°52'11	13°50	12°33	2°46	19°11	4°20	17°41	27°36	24°38	23°17	7°49	8°22	27°15	n.a.	F 27
S 28	5 59 12	0♑53'07	25°38	14°15	4° 1	19°R11	4°33	17°45	27°38	24°41	23°17	7°49	8°19	27°22	n.a.	S 28
S 29	6 3 9	1°54'02	7♋26	15°56	5°16	19°11	4°46	17°48	27°40	24°43	23°17	7°D48	8°16	27°29	n.a.	S 29
M30	6 7 5	2°54'55	19°15	17°36	6°31	19° 9	4°59	17°52	27°42	24°45	23°18	7°49	8°12	27°35	n.a.	M30
T 31	6 11 2	3♑55'47	1♌ 9	19♑14	7♑47	19♌ 7	5♒13	17♓56	27♎44	24♑47	23♓18	7♋49	8♋ 9	27♊42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21s 7	22n55	0s51	21s22	1s12	20s31	0s 4	19n 7	2n46	21s41	1s 5	7s42	2s38	9s55	0n27	22s 3	0s25	18s22	17s10	23n31	23n24	22n17			n.a.
M 2	21 19	23 34	0n13	21 48	1 17	20 49	0 6	19 4	2 48	21 39	1 5	7 42	2 37	9 56	0 27	22 3	0 25	18 22	17 10	23 31	23 25	22 18			n.a.
T 3	21 30	23 10	1 17	22 12	1 22	21 6	0 8	19 1	2 50	21 36	1 4	7 41	2 37	9 57	0 27	22 2	0 25	18 22	17 9	23 31	23 25	22 19			n.a.
W 4	21 41	21 43	2 18	22 36	1 27	21 23	0 11	18 58	2 52	21 34	1 4	7 40	2 37	9 58	0 27	22 2	0 25	18 22	17 9	23 31	23 25	22 20			n.a.
T 5	21 51	19 17	3 14	22 59	1 31	21 40	0 13	18 56	2 54	21 31	1 4	7 40	2 37	10 0	0 27	22 2	0 25	18 21	17 9	23 31	23 25	22 21			n.a.
F 6	22 1	15 56	4 2	23 20	1 35	21 56	0 15	18 53	2 56	21 29	1 4	7 39	2 36	10 1	0 27	22 1	0 25	18 21	17 8	23 31	23 26	22 23			n.a.
S 7	22 11	11 49	4 40	23 41	1 39	22 11	0 18	18 51	2 58	21 26	1 4	7 38	2 36	10 2	0 27	22 1	0 25	18 21	17 8	23 31	23 26	22 24			n.a.
S 8	22 20	7 3	5 5	23 59	1 43	22 25	0 20	18 49	3 0	21 23	1 4	7 37	2 36	10 3	0 27	22 1	0 25	18 21	17 7	23 31	23 26	22 25			n.a.
M 9	22 29	1 48	5 15	24 17	1 47	22 39	0 22	18 47	3 2	21 21	1 4	7 37	2 35	10 4	0 27	22 0	0 25	18 20	17 7	23 31	23 26	22 26			n.a.
T 10	22 37	3s43	5 6	24 33	1 50	22 52	0 25	18 45	3 4	21 18	1 4	7 36	2 35	10 5	0 27	22 0	0 25	18 20	17 7	23 31	23 26	22 27			n.a.
W11	22 45	9 14	4 39	24 48	1 53	23 4	0 27	18 43	3 6	21 15	1 4	7 35	2 35	10 6	0 27	22 0	0 25	18 20	17 6	23 31	23 27	22 28			n.a.
T 12	22 52	14 24	3 52	25 1	1 55	23 16	0 29	18 42	3 8	21 13	1 4	7 34	2 35	10 7	0 27	21 59	0 25	18 19	17 6	23 32	23 27	22 29			n.a.
F 13	22 59	18 46	2 49	25 13	1 58	23 27	0 31	18 41	3 10	21 10	1 4	7 33	2 34	10 8	0 27	21 59	0 25	18 19	17 6	23 32	23 27	22 30			n.a.
S 14	23 5	21 54	1 33	25 23	1 59	23 37	0 33	18 40	3 12	21 7	1 4	7 32	2 34	10 9	0 27	21 59	0 25	18 19	17 5	23 32	23 27	22 31			n.a.
S 15	23 11	23 28	0 10	25 32	2 1	23 47	0 36	18 39	3 14	21 4	1 4	7 31	2 34	10 10	0 27	21 58	0 25	18 18	17 5	23 32	23 28	22 32			n.a.
M16	23 17	23 17	1s12	25 39	2 2	23 56	0 38	18 38	3 16	21 1	1 4	7 29	2 34	10 11	0 27	21 58	0 25	18 18	17 5	23 32	23 28	22 33			n.a.
T 17	23 22	21 29	2 28	25 44	2 3	24 4	0 40	18 38	3 18	20 58	1 3	7 28	2 33	10 12	0 27	21 58	0 25	18 18	17 4	23 32	23 28	22 35			n.a.
W18	23 26	18 21	3 33	25 47	2 3	24 11	0 42	18 38	3 21	20 56	1 3	7 27	2 33	10 13	0 27	21 57	0 25	18 17	17 4	23 32	23 28	22 36			n.a.
T 19	23 30	14 15	4 23	25 48	2 3	24 18	0 44	18 38	3 23	20 53	1 3	7 26	2 33	10 14	0 27	21 57	0 25	18 17	17 3	23 32	23 28	22 37			n.a.
F 20	23 34	9 33	4 57	25 48	2 2	24 24	0 46	18 38	3 25	20 50	1 3	7 24	2 32	10 15	0 27	21 57	0 25	18 17	17 3	23 32	23 29	22 38			n.a.
S 21	23 37	4 34	5 14	25 45	2 0	24 29	0 48	18 38	3 27	20 47	1 3	7 23	2 32	10 16	0 27	21 56	0 25	18 16	17 3	23 32	23 29	22 39			n.a.
S 22	23 40	0n29	5 16	25 41	1 59	24 33	0 50	18 39	3 29	20 44	1 3	7 22	2 32	10 16	0 27	21 56	0 25	18 16	17 2	23 32	23 29	22 40			n.a.
M23	23 42	5 25	5 2	25 35	1 56	24 37	0 52	18 40	3 31	20 40	1 3	7 20	2 32	10 17	0 27	21 56	0 25	18 15	17 2	23 32	23 29	22 41			n.a.
T 24	23 44	10 3	4 34	25 26	1 53	24 40	0 54	18 41	3 34	20 37	1 3	7 19	2 31	10 18	0 27	21 55	0 25	18 15	17 2	23 32	23 29	22 42			n.a.
W25	23 45	14 13	3 55	25 16	1 49	24 42	0 56	18 42	3 36	20 34	1 3	7 17	2 31	10 19	0 27	21 55	0 25	18 15	17 1	23 32	23 30	22 43			n.a.
T 26	23 46	17 48	3 6	25 4	1 45	24 43	0 57	18 43	3 38	20 31	1 3	7 16	2 31	10 20	0 27	21 55	0 25	18 14	17 1	23 32	23 30	22 44			n.a.
F 27	23 46	20 38	2 9	24 49	1 40	24 44	0 59	18 45	3 40	20 28	1 3	7 14	2 31	10 21	0 27	21 54	0 25	18 14	17 0	23 32	23 30	22 45			n.a.
S 28	23 46	22 35	1 7	24 33	1 34	24 43	1 1	18 47	3 42	20 25	1 3	7 13	2 30	10 21	0 27	21 54	0 25	18 13	17 0	23 32	23 30	22 46			n.a.
S 29	23 45	23 31	0 2	24 15	1 27	24 42	1 3	18 49	3 45	20 21	1 3	7 11	2 30	10 22	0 27	21 53	0 25	18 13	17 0	23 32	23 31	22 47			n.a.
M30	23 44	23 25	1n 3	23 55	1 20	24 40	1 4	18 52	3 47	20 18	1 3	7 9	2 30	10 23	0 27	21 53	0 25	18 12	16 59	23 32	23 31	22 48			n.a.
T 31	23s43	22n14	2n 6	23s33	1s11	24s38	1s 6	18n55	3n49	20s15	1s 3	7s 7	2s30	10s24	0n27	21s53	0s25	18s12	16s59	23n32	23n31	22n49			n.a.

Julian Day Number = 1493476.5, Delta T = 05h12m46s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'33, Lahiri = -12°34'33 Julian Calendar 1 Dec. 625 BCE == Greg. Calendar 24 Nov. 625 BCE

The year -624 astronomical counting style corresponds to year 625 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

JANUARY 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 14 59	4♉56'38	13♌ 9	20♉50	9♉ 2	19°R 5	5♒26	18♓ 0	27♎46	24♉49	23♓19	7♋49	8♋ 6	27♊49	n.a.	W 1
T 2	6 18 55	5°57'28	25°18	22°23	10°17	19♌ 1	5°40	18° 4	27°48	24°51	23°19	7°50	8° 3	27°55	n.a.	T 2
F 3	6 22 52	6°58'17	7♍39	23°53	11°32	18°57	5°53	18° 8	27°50	24°53	23°19	7°50	8° 0	28° 2	n.a.	F 3
S 4	6 26 48	7°59'04	20°16	25°20	12°47	18°52	6° 7	18°12	27°52	24°56	23°20	7°R50	7°57	28° 9	n.a.	S 4
S 5	6 30 45	8°59'50	3♎12	26°41	14° 2	18°46	6°20	18°16	27°53	24°58	23°20	7°D50	7°53	28°15	n.a.	S 5
M 6	6 34 41	10° 0'35	16°29	27°58	15°17	18°39	6°34	18°21	27°55	25° 0	23°21	7°50	7°50	28°22	n.a.	M 6
T 7	6 38 38	11° 1'19	0♏11	29° 9	16°32	18°32	6°48	18°25	27°57	25° 2	23°21	7°50	7°47	28°29	n.a.	T 7
W 8	6 42 34	12° 2'02	14°17	0♒13	17°48	18°23	7° 1	18°29	27°59	25° 5	23°22	7°50	7°44	28°35	n.a.	W 8
T 9	6 46 31	13° 2'43	28°47	1°10	19° 3	18°14	7°15	18°34	28° 0	25° 7	23°22	7°51	7°41	28°42	n.a.	T 9
F 10	6 50 28	14° 3'24	13♐38	1°59	20°18	18° 4	7°29	18°39	28° 2	25° 9	23°23	7°51	7°38	28°49	n.a.	F 10
S 11	6 54 24	15° 4'02	28°43	2°39	21°33	17°54	7°43	18°44	28° 3	25°11	23°24	7°52	7°34	28°55	n.a.	S 11
S 12	6 58 21	16° 4'40	13♑54	3°10	22°48	17°42	7°57	18°48	28° 5	25°14	23°24	7°R52	7°31	29° 2	n.a.	S 12
M13	7 2 17	17° 5'15	29° 0	3°31	24° 3	17°30	8°11	18°53	28° 6	25°16	23°25	7°51	7°28	29° 9	n.a.	M13
T 14	7 6 14	18° 5'49	13♒54	3°42	25°18	17°17	8°25	18°58	28° 7	25°18	23°26	7°50	7°25	29°15	n.a.	T 14
W15	7 10 10	19° 6'21	28°28	3°R42	26°33	17° 4	8°39	19° 4	28° 9	25°20	23°26	7°49	7°22	29°22	n.a.	W15
T 16	7 14 7	20° 6'51	12♓36	3°32	27°48	16°49	8°53	19° 9	28°10	25°23	23°27	7°47	7°18	29°28	n.a.	T 16
F 17	7 18 3	21° 7'18	26°16	3°13	29° 3	16°34	9° 7	19°14	28°11	25°25	23°28	7°46	7°15	29°35	n.a.	F 17
S 18	7 22 0	22° 7'44	9♈29	2°43	0♒17	16°18	9°21	19°19	28°12	25°27	23°28	7°45	7°12	29°42	n.a.	S 18
S 19	7 25 57	23° 8'08	22°18	2° 5	1°32	16° 2	9°35	19°25	28°13	25°29	23°29	7°D44	7° 9	29°48	n.a.	S 19
M20	7 29 53	24° 8'29	4♉45	1°19	2°47	15°44	9°49	19°30	28°14	25°32	23°30	7°45	7° 6	29°55	n.a.	M20
T 21	7 33 50	25° 8'49	16°55	0°26	4° 2	15°27	10° 4	19°36	28°15	25°34	23°31	7°46	7° 3	0♋ 2	n.a.	T 21
W22	7 37 46	26° 9'06	28°54	29♉28	5°17	15° 8	10°18	19°41	28°16	25°36	23°32	7°47	6°59	0° 8	n.a.	W22
T 23	7 41 43	27° 9'22	10♊44	28°26	6°32	14°49	10°32	19°47	28°17	25°38	23°32	7°49	6°56	0°15	n.a.	T 23
F 24	7 45 39	28° 9'35	22°31	27°23	7°46	14°30	10°46	19°53	28°18	25°41	23°33	7°50	6°53	0°22	n.a.	F 24
S 25	7 49 36	29° 9'46	4♋19	26°18	9° 1	14° 9	11° 1	19°59	28°19	25°43	23°34	7°R51	6°50	0°28	n.a.	S 25
S 26	7 53 32	0♒ 9'55	16° 9	25°15	10°16	13°49	11°15	20° 5	28°19	25°45	23°35	7°51	6°47	0°35	n.a.	S 26
M27	7 57 29	1°10'02	28° 4	24°14	11°31	13°28	11°29	20°11	28°20	25°48	23°36	7°49	6°44	0°42	n.a.	M27
T 28	8 1 26	2°10'07	10♌ 7	23°17	12°45	13° 6	11°44	20°17	28°21	25°50	23°37	7°47	6°40	0°48	n.a.	T 28
W29	8 5 22	3°10'11	22°20	22°24	14° 0	12°44	11°58	20°23	28°21	25°52	23°38	7°43	6°37	0°55	n.a.	W29
T 30	8 9 19	4°10'12	4♍43	21°37	15°15	12°22	12°12	20°29	28°22	25°54	23°39	7°39	6°34	1° 2	n.a.	T 30
F 31	8 13 15	5♒10'11	17♍17	20♉56	16♒29	12♌ 0	12♒27	20♓35	28♎22	25♉57	23♓40	7♋34	6♋31	1♋ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23s41	20n 2	3n 4	23s 9	1s 2	24s35	1s 7	18n58	3n51	20s11	1s 3	7s 6	2s29	10s24	0n27	21s52	0s25	18s11	16s59	23n32	23n31	22n50			n.a.
T 2	23 38	16 56	3 55	22 44	0 52	24 30	1 9	19 1	3 53	20 8	1 3	7 4	2 29	10 25	0 27	21 52	0 25	18 11	16 58	23 32	23 31	22 51			n.a.
F 3	23 35	13 3	4 35	22 18	0 41	24 26	1 10	19 4	3 55	20 4	1 3	7 2	2 29	10 26	0 27	21 52	0 25	18 10	16 58	23 32	23 31	22 52			n.a.
S 4	23 32	8 32	5 3	21 51	0 30	24 20	1 12	19 8	3 58	20 1	1 3	7 0	2 29	10 26	0 27	21 51	0 25	18 10	16 58	23 32	23 32	22 53			n.a.
S 5	23 28	3 33	5 17	21 23	0 17	24 14	1 13	19 12	4 0	19 58	1 3	6 58	2 28	10 27	0 27	21 51	0 25	18 9	16 57	23 32	23 32	22 54			n.a.
M 6	23 23	1s44	5 15	20 55	0 4	24 6	1 14	19 16	4 2	19 54	1 3	6 56	2 28	10 28	0 27	21 50	0 25	18 9	16 57	23 32	23 32	22 55			n.a.
T 7	23 18	7 6	4 54	20 26	0n11	23 59	1 15	19 20	4 4	19 51	1 3	6 54	2 28	10 28	0 27	21 50	0 25	18 8	16 57	23 32	23 32	22 56			n.a.
W 8	23 13	12 16	4 16	19 58	0 26	23 50	1 17	19 25	4 6	19 47	1 3	6 52	2 28	10 29	0 27	21 50	0 25	18 8	16 56	23 32	23 32	22 57			n.a.
T 9	23 7	16 54	3 21	19 30	0 41	23 41	1 18	19 30	4 8	19 43	1 3	6 50	2 27	10 29	0 27	21 49	0 25	18 7	16 56	23 32	23 33	22 58			n.a.
F 10	23 1	20 35	2 11	19 4	0 57	23 31	1 19	19 35	4 10	19 40	1 3	6 48	2 27	10 30	0 27	21 49	0 25	18 7	16 56	23 32	23 33	22 58			n.a.
S 11	22 54	22 55	0 51	18 38	1 14	23 20	1 20	19 40	4 12	19 36	1 3	6 46	2 27	10 30	0 27	21 48	0 25	18 6	16 55	23 32	23 33	22 59			n.a.
S 12	22 47	23 35	0s33	18 15	1 31	23 8	1 21	19 45	4 14	19 33	1 3	6 44	2 27	10 31	0 27	21 48	0 25	18 6	16 55	23 32	23 33	23 0			n.a.
M13	22 40	22 31	1 55	17 54	1 48	22 56	1 21	19 51	4 16	19 29	1 3	6 42	2 27	10 31	0 27	21 47	0 25	18 5	16 55	23 32	23 33	23 1			n.a.
T 14	22 32	19 52	3 7	17 35	2 4	22 43	1 22	19 57	4 17	19 25	1 3	6 40	2 26	10 32	0 27	21 47	0 25	18 4	16 54	23 32	23 34	23 2			n.a.
W15	22 23	16 0	4 6	17 19	2 21	22 30	1 23	20 3	4 19	19 21	1 3	6 37	2 26	10 32	0 27	21 47	0 25	18 4	16 54	23 32	23 34	23 3			n.a.
T 16	22 14	11 20	4 47	17 6	2 37	22 15	1 24	20 9	4 21	19 18	1 3	6 35	2 26	10 33	0 27	21 46	0 25	18 3	16 54	23 32	23 34	23 4			n.a.
F 17	22 5	6 15	5 11	16 56	2 52	22 1	1 24	20 15	4 22	19 14	1 3	6 33	2 26	10 33	0 27	21 46	0 25	18 3	16 53	23 32	23 34	23 5			n.a.
S 18	21 55	1 2	5 17	16 49	3 6	21 45	1 25	20 21	4 24	19 10	1 3	6 30	2 25	10 34	0 27	21 45	0 25	18 2	16 53	23 32	23 34	23 6			n.a.
S 19	21 45	4n 3	5 7	16 45	3 18	21 29	1 26	20 28	4 26	19 6	1 3	6 28	2 25	10 34	0 27	21 45	0 25	18 1	16 53	23 32	23 34	23 7			n.a.
M20	21 35	8 51	4 43	16 45	3 29	21 12	1 26	20 35	4 27	19 2	1 3	6 26	2 25	10 34	0 27	21 45	0 25	18 1	16 52	23 32	23 35	23 8			n.a.
T 21	21 24	13 11	4 6	16 48	3 38	20 55	1 26	20 41	4 28	18 58	1 3	6 23	2 25	10 35	0 27	21 44	0 25	18 0	16 52	23 32	23 35	23 8			n.a.
W22	21 13	16 57	3 19	16 53	3 45	20 37	1 27	20 48	4 30	18 55	1 3	6 21	2 25	10 35	0 27	21 44	0 25	18 0	16 52	23 32	23 35	23 9			n.a.
T 23	21 1	19 59	2 24	17 1	3 49	20 18	1 27	20 55	4 31	18 51	1 3	6 18	2 24	10 35	0 27	21 43	0 25	17 59	16 51	23 32	23 35	23 10			n.a.
F 24	20 49	22 10	1 24	17 11	3 52	19 59	1 27	21 2	4 32	18 47	1 3	6 16	2 24	10 36	0 27	21 43	0 25	17 58	16 51	23 32	23 35	23 11			n.a.
S 25	20 36	23 22	0 20	17 23	3 52	19 39	1 27	21 9	4 33	18 43	1 3	6 13	2 24	10 36	0 27	21 43	0 25	17 58	16 51	23 32	23 35	23 12			n.a.
S 26	20 24	23 32	0n46	17 36	3 50	19 19	1 27	21 16	4 34	18 39	1 3	6 11	2 24	10 36	0 27	21 42	0 25	17 57	16 50	23 32	23 36	23 13			n.a.
M27	20 10	22 37	1 49	17 51	3 46	18 58	1 27	21 23	4 35	18 35	1 3	6 8	2 24	10 36	0 27	21 42	0 25	17 57	16 50	23 32	23 36	23 14			n.a.
T 28	19 57	20 39	2 49	18 6	3 41	18 36	1 27	21 30	4 35	18 31	1 3	6 6	2 24	10 36	0 27	21 41	0 25	17 56	16 50	23 32	23 36	23 14			n.a.
W29	19 43	17 44	3 41	18 22	3 33	18 15	1 27	21 37	4 36	18 27	1 3	6 3	2 23	10 37	0 27	21 41	0 25	17 55	16 50	23 33	23 36	23 15			n.a.
T 30	19 29	13 59	4 23	18 39	3 24	17 52	1 27	21 44	4 37	18 23	1 3	6 1	2 23	10 37	0 27	21 40	0 25	17 55	16 49	23 33	23 36	23 16			n.a.
F 31	19s14	9n35	4n54	18s55	3n14	17s29	1s27	21n51	4n37	18s19	1s 3	5s58	2s23	10s37	0n27	21s40	0s25	17s54	16s49	23n33	23n36	23n17			n.a.

Julian Day Number = 1493507.5, Delta T = 05h12m44s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'29, Lahiri = -12°34'29 Julian Calendar 1 Jan. 624 BCE == Greg. Calendar 25 Dec. 625 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

FEBRUARY 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 17 12	6♒10'08	0♎ 5	20°R21	17♒44	11°R37	12♒41	20♓41	28♎23	25♑59	23♓41	7°R30	6♋28	1♋15	n.a.	S 1
S 2	8 21 8	7°10'04	13° 7	19♑53	18°58	11♌14	12°56	20°48	28°23	26° 1	23°42	7♋26	6°24	1°21	n.a.	S 2
M 3	8 25 5	8° 9'58	26°26	19°32	20°13	10°51	13°10	20°54	28°23	26° 3	23°43	7°24	6°21	1°28	n.a.	M 3
T 4	8 29 1	9° 9'50	10♏ 2	19°17	21°28	10°27	13°24	21° 1	28°23	26° 6	23°44	7°D24	6°18	1°35	n.a.	T 4
W 5	8 32 58	10° 9'40	23°56	19° 9	22°42	10° 4	13°39	21° 7	28°24	26° 8	23°45	7°25	6°15	1°41	n.a.	W 5
T 6	8 36 55	11° 9'29	8♐ 8	19°D 8	23°57	9°40	13°53	21°14	28°24	26°10	23°46	7°26	6°12	1°48	n.a.	T 6
F 7	8 40 51	12° 9'15	22°37	19°12	25°11	9°17	14° 8	21°20	28°24	26°12	23°47	7°27	6° 9	1°55	n.a.	F 7
S 8	8 44 48	13° 9'00	7♑20	19°23	26°26	8°53	14°22	21°27	28°R24	26°14	23°48	7°R28	6° 5	2° 1	n.a.	S 8
S 9	8 48 44	14° 8'44	22°12	19°38	27°40	8°29	14°37	21°34	28°24	26°17	23°49	7°27	6° 2	2° 8	n.a.	S 9
M10	8 52 41	15° 8'25	7♒ 5	20° 0	28°54	8° 6	14°51	21°41	28°24	26°19	23°50	7°25	5°59	2°15	n.a.	M10
T 11	8 56 37	16° 8'03	21°52	20°26	0♓ 9	7°43	15° 6	21°47	28°23	26°21	23°51	7°20	5°56	2°21	n.a.	T 11
W12	9 0 34	17° 7'40	6♓24	20°56	1°23	7°20	15°20	21°54	28°23	26°23	23°52	7°14	5°53	2°28	n.a.	W12
T 13	9 4 30	18° 7'14	20°35	21°31	2°37	6°57	15°34	22° 1	28°23	26°25	23°54	7° 7	5°50	2°35	n.a.	T 13
F 14	9 8 27	19° 6'46	4♈22	22°11	3°52	6°35	15°49	22° 8	28°23	26°28	23°55	7° 1	5°46	2°41	n.a.	F 14
S 15	9 12 24	20° 6'16	17°41	22°54	5° 6	6°13	16° 3	22°15	28°22	26°30	23°56	6°55	5°43	2°48	n.a.	S 15
S 16	9 16 20	21° 5'43	0♉35	23°40	6°20	5°51	16°18	22°22	28°22	26°32	23°57	6°51	5°40	2°54	n.a.	S 16
M17	9 20 17	22° 5'08	13° 6	24°30	7°35	5°30	16°32	22°29	28°21	26°34	23°58	6°49	5°37	3° 1	n.a.	M17
T 18	9 24 13	23° 4'31	25°18	25°23	8°49	5° 9	16°47	22°36	28°21	26°36	24° 0	6°D49	5°34	3° 8	n.a.	T 18
W19	9 28 10	24° 3'51	7♊16	26°19	10° 3	4°49	17° 1	22°44	28°20	26°38	24° 1	6°50	5°30	3°14	n.a.	W19
T 20	9 32 6	25° 3'08	19° 7	27°19	11°17	4°29	17°15	22°51	28°20	26°40	24° 2	6°51	5°27	3°21	n.a.	T 20
F 21	9 36 3	26° 2'24	0♋53	28°20	12°31	4°10	17°30	22°58	28°19	26°42	24° 3	6°R52	5°24	3°28	n.a.	F 21
S 22	9 39 59	27° 1'36	12°42	29°25	13°45	3°52	17°44	23° 5	28°18	26°44	24° 5	6°52	5°21	3°34	n.a.	S 22
S 23	9 43 56	28° 0'47	24°35	0♒31	14°59	3°34	17°58	23°13	28°18	26°46	24° 6	6°50	5°18	3°41	n.a.	S 23
M24	9 47 52	28°59'55	6♌38	1°40	16°13	3°16	18°13	23°20	28°17	26°48	24° 7	6°46	5°15	3°48	n.a.	M24
T 25	9 51 49	29°59'01	18°53	2°51	17°27	3° 0	18°27	23°27	28°16	26°50	24° 8	6°40	5°11	3°54	n.a.	T 25
W26	9 55 46	0♓58'05	1♍20	4° 5	18°41	2°44	18°41	23°35	28°15	26°52	24°10	6°31	5° 8	4° 1	n.a.	W26
T 27	9 59 42	1°57'06	14° 1	5°20	19°55	2°29	18°55	23°42	28°14	26°54	24°11	6°22	5° 5	4° 8	n.a.	T 27
F 28	10 3 39	2♓56'06	26♍56	6♒38	21♓ 9	2♌14	19♒10	23♓50	28♎13	26♑56	24♓12	6♋12	5♋ 2	4♋14	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s59	4n42	5n11	19s11	3n 3	17s 6	1s26	21n58	4n37	18s14	1s 3	5s55	2s23	10s37	0n27	21s40	0s25	17s53	16s49	23n33	23n37	23n18		n.a.
S 2	18 44	0s28	5 12	19 27	2 51	16 42	1 26	22 5	4 38	18 10	1 3	5 53	2 23	10 37	0 27	21 39	0 26	17 53	16 48	23 33	23 37	23 19		n.a.
M 3	18 29	5 44	4 56	19 43	2 39	16 18	1 26	22 12	4 38	18 6	1 3	5 50	2 23	10 37	0 27	21 39	0 26	17 52	16 48	23 34	23 37	23 19		n.a.
T 4	18 13	10 51	4 24	19 58	2 26	15 53	1 25	22 18	4 38	18 2	1 3	5 47	2 22	10 37	0 27	21 38	0 26	17 51	16 48	23 34	23 37	23 20		n.a.
W 5	17 56	15 32	3 36	20 12	2 12	15 28	1 24	22 25	4 38	17 58	1 3	5 44	2 22	10 37	0 27	21 38	0 26	17 51	16 48	23 34	23 37	23 21		n.a.
T 6	17 40	19 26	2 34	20 25	1 59	15 2	1 24	22 31	4 37	17 54	1 3	5 42	2 22	10 37	0 27	21 38	0 26	17 50	16 47	23 34	23 37	23 22		n.a.
F 7	17 23	22 14	1 20	20 38	1 45	14 36	1 23	22 37	4 37	17 49	1 3	5 39	2 22	10 37	0 27	21 37	0 26	17 49	16 47	23 33	23 38	23 23		n.a.
S 8	17 6	23 33	0 1	20 50	1 32	14 10	1 22	22 43	4 37	17 45	1 3	5 36	2 22	10 37	0 28	21 37	0 26	17 49	16 47	23 33	23 38	23 23		n.a.
S 9	16 49	23 13	1s20	21 1	1 18	13 43	1 21	22 49	4 36	17 41	1 3	5 33	2 22	10 37	0 28	21 36	0 26	17 48	16 47	23 33	23 38	23 24		n.a.
M10	16 31	21 15	2 34	21 11	1 5	13 16	1 21	22 55	4 35	17 37	1 3	5 30	2 22	10 37	0 28	21 36	0 26	17 48	16 46	23 34	23 38	23 25		n.a.
T 11	16 13	17 51	3 38	21 20	0 52	12 49	1 20	23 0	4 35	17 33	1 3	5 28	2 21	10 37	0 28	21 36	0 26	17 47	16 46	23 34	23 38	23 26		n.a.
W12	15 55	13 24	4 27	21 28	0 40	12 21	1 19	23 6	4 34	17 28	1 4	5 25	2 21	10 37	0 28	21 35	0 26	17 46	16 46	23 34	23 38	23 26		n.a.
T 13	15 37	8 19	4 57	21 34	0 27	11 53	1 17	23 11	4 33	17 24	1 4	5 22	2 21	10 37	0 28	21 35	0 26	17 46	16 46	23 35	23 38	23 27		n.a.
F 14	15 18	2 58	5 10	21 40	0 15	11 25	1 16	23 15	4 32	17 20	1 4	5 19	2 21	10 37	0 28	21 34	0 26	17 45	16 46	23 35	23 39	23 28		n.a.
S 15	14 59	2n21	5 5	21 44	0 4	10 56	1 15	23 20	4 30	17 15	1 4	5 16	2 21	10 37	0 28	21 34	0 26	17 44	16 45	23 35	23 39	23 29		n.a.
S 16	14 40	7 24	4 44	21 47	0s 7	10 27	1 14	23 24	4 29	17 11	1 4	5 13	2 21	10 37	0 28	21 34	0 26	17 44	16 45	23 35	23 39	23 29		n.a.
M17	14 20	12 1	4 10	21 49	0 18	9 58	1 13	23 28	4 28	17 7	1 4	5 10	2 21	10 36	0 28	21 33	0 26	17 43	16 45	23 36	23 39	23 30		n.a.
T 18	14 1	16 1	3 26	21 49	0 29	9 28	1 11	23 32	4 26	17 2	1 4	5 7	2 21	10 36	0 28	21 33	0 26	17 42	16 45	23 36	23 39	23 31		n.a.
W19	13 41	19 18	2 33	21 49	0 39	8 59	1 10	23 36	4 25	16 58	1 4	5 4	2 20	10 36	0 28	21 32	0 26	17 42	16 45	23 35	23 39	23 32		n.a.
T 20	13 21	21 45	1 35	21 46	0 48	8 29	1 8	23 39	4 23	16 54	1 4	5 1	2 20	10 36	0 28	21 32	0 26	17 41	16 44	23 35	23 39	23 32		n.a.
F 21	13 1	23 14	0 32	21 43	0 57	7 59	1 7	23 42	4 21	16 49	1 4	4 58	2 20	10 36	0 28	21 32	0 26	17 40	16 44	23 35	23 39	23 33		n.a.
S 22	12 40	23 41	0n31	21 38	1 6	7 28	1 5	23 45	4 19	16 45	1 4	4 55	2 20	10 35	0 28	21 31	0 26	17 40	16 44	23 35	23 40	23 34		n.a.
S 23	12 20	23 3	1 34	21 31	1 14	6 58	1 3	23 48	4 18	16 40	1 4	4 52	2 20	10 35	0 28	21 31	0 26	17 39	16 44	23 35	23 40	23 34		n.a.
M24	11 59	21 20	2 33	21 23	1 22	6 27	1 2	23 50	4 16	16 36	1 4	4 49	2 20	10 35	0 28	21 31	0 26	17 38	16 44	23 36	23 40	23 35		n.a.
T 25	11 38	18 38	3 26	21 14	1 29	5 56	1 0	23 52	4 14	16 32	1 4	4 46	2 20	10 34	0 28	21 30	0 26	17 38	16 44	23 36	23 40	23 36		n.a.
W26	11 17	15 2	4 10	21 3	1 36	5 25	0 58	23 54	4 11	16 27	1 5	4 43	2 20	10 34	0 28	21 30	0 26	17 37	16 43	23 36	23 40	23 36		n.a.
T 27	10 56	10 42	4 42	20 51	1 42	4 54	0 56	23 55	4 9	16 23	1 5	4 40	2 20	10 34	0 28	21 29	0 26	17 36	16 43	23 37	23 40	23 37		n.a.
F 28	10s34	5n50	5n 1	20s37	1s48	4s23	0s54	23n57	4n 7	16s18	1s 5	4s37	2s20	10s33	0n28	21s29	0s26	17s36	16s43	23n37	23n40	23n38		n.a.

Julian Day Number = 1493538.5, Delta T = 05h12m43s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'25, Lahiri = -12°34'25 Julian Calendar 1 Feb. 624 BCE == Greg. Calendar 25 Jan. 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

MARCH 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 7 35	3♓55'03	10♎ 4	7♒57	22♓23	2°R 0	19♒24	23♓57	28°R12	26♑58	24♓14	6°R 2	4♋59	4♋21	n.a.	S 1
S 2	10 11 32	4°53'58	23°23	9°18	23°37	1♏47	19°38	24° 5	28♎11	27° 0	24°15	5♋54	4°55	4°28	n.a.	S 2
M 3	10 15 28	5°52'51	6♏55	10°41	24°50	1°35	19°52	24°12	28°10	27° 2	24°16	5°48	4°52	4°34	n.a.	M 3
T 4	10 19 25	6°51'43	20°36	12° 6	26° 4	1°23	20° 6	24°20	28° 8	27° 4	24°17	5°45	4°49	4°41	n.a.	T 4
W 5	10 23 21	7°50'33	4♐29	13°32	27°18	1°12	20°21	24°27	28° 7	27° 5	24°19	5°D44	4°46	4°47	n.a.	W 5
T 6	10 27 18	8°49'21	18°32	15° 0	28°32	1° 2	20°35	24°35	28° 6	27° 7	24°20	5°44	4°43	4°54	n.a.	T 6
F 7	10 31 15	9°48'07	2♑44	16°30	29°45	0°53	20°49	24°43	28° 5	27° 9	24°22	5°R44	4°40	5° 1	n.a.	F 7
S 8	10 35 11	10°46'52	17° 5	18° 1	0♈59	0°45	21° 3	24°50	28° 3	27°11	24°23	5°44	4°36	5° 7	n.a.	S 8
S 9	10 39 8	11°45'35	1♒32	19°35	2°12	0°37	21°17	24°58	28° 2	27°13	24°24	5°41	4°33	5°14	n.a.	S 9
M10	10 43 4	12°44'15	16° 1	21° 9	3°26	0°30	21°31	25° 6	28° 0	27°14	24°26	5°36	4°30	5°21	n.a.	M10
T 11	10 47 1	13°42'54	0♓25	22°46	4°40	0°24	21°45	25°13	27°59	27°16	24°27	5°29	4°27	5°27	n.a.	T 11
W12	10 50 57	14°41'31	14°41	24°23	5°53	0°19	21°58	25°21	27°57	27°18	24°28	5°19	4°24	5°34	n.a.	W12
T 13	10 54 54	15°40'06	28°40	26° 3	7° 7	0°14	22°12	25°29	27°56	27°19	24°30	5° 8	4°21	5°41	n.a.	T 13
F 14	10 58 50	16°38'38	12♈20	27°44	8°20	0°11	22°26	25°36	27°54	27°21	24°31	4°56	4°17	5°47	n.a.	F 14
S 15	11 2 47	17°37'08	25°37	29°27	9°33	0° 8	22°40	25°44	27°52	27°23	24°32	4°46	4°14	5°54	n.a.	S 15
S 16	11 6 43	18°35'37	8♉30	1♓11	10°47	0° 6	22°53	25°52	27°51	27°24	24°34	4°38	4°11	6° 1	n.a.	S 16
M17	11 10 40	19°34'03	21° 2	2°57	12° 0	0° 4	23° 7	26° 0	27°49	27°26	24°35	4°32	4° 8	6° 7	n.a.	M17
T 18	11 14 37	20°32'27	3♊16	4°45	13°13	0°D 4	23°21	26° 7	27°47	27°27	24°37	4°29	4° 5	6°14	n.a.	T 18
W19	11 18 33	21°30'48	15°16	6°34	14°27	0° 4	23°34	26°15	27°45	27°29	24°38	4°28	4° 1	6°20	n.a.	W19
T 20	11 22 30	22°29'08	27° 7	8°25	15°40	0° 5	23°48	26°23	27°43	27°30	24°39	4°D28	3°58	6°27	n.a.	T 20
F 21	11 26 26	23°27'25	8♋54	10°17	16°53	0° 6	24° 1	26°31	27°42	27°32	24°41	4°R28	3°55	6°34	n.a.	F 21
S 22	11 30 23	24°25'40	20°45	12°12	18° 6	0° 9	24°15	26°39	27°40	27°33	24°42	4°27	3°52	6°40	n.a.	S 22
S 23	11 34 19	25°23'53	2♌42	14° 7	19°19	0°12	24°28	26°47	27°38	27°35	24°44	4°24	3°49	6°47	n.a.	S 23
M24	11 38 16	26°22'04	14°51	16° 5	20°32	0°16	24°42	26°54	27°36	27°36	24°45	4°19	3°46	6°54	n.a.	M24
T 25	11 42 12	27°20'13	27°15	18° 4	21°45	0°20	24°55	27° 2	27°34	27°38	24°46	4°11	3°42	7° 0	n.a.	T 25
W26	11 46 9	28°18'20	9♍56	20° 4	22°58	0°26	25° 8	27°10	27°32	27°39	24°48	4° 0	3°39	7° 7	n.a.	W26
T 27	11 50 5	29°16'25	22°56	22° 7	24°11	0°32	25°21	27°18	27°30	27°40	24°49	3°48	3°36	7°14	n.a.	T 27
F 28	11 54 2	0♈14'28	6♎12	24°10	25°24	0°38	25°34	27°26	27°28	27°42	24°51	3°36	3°33	7°20	n.a.	F 28
S 29	11 57 59	1°12'29	19°43	26°15	26°37	0°45	25°47	27°33	27°25	27°43	24°52	3°24	3°30	7°27	n.a.	S 29
S 30	12 1 55	2°10'29	3♏27	28°21	27°49	0°53	26° 0	27°41	27°23	27°44	24°53	3°13	3°26	7°34	n.a.	S 30
M31	12 5 52	3♈ 8'27	17♏20	0♈29	29♈ 2	1♏ 2	26♒13	27♓49	27♎21	27♑45	24♓55	3♋ 6	3♋23	7♋40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s12	0n37	5n 4	20s22	1s54	3s52	0s52	23n58	4n 5	16s14	1s 5	4s34	2s19	10s33	0n28	21s29	0s26	17s35	16s43	23n38	23n41	23n38		n.a.
S 2	9 51	4s42	4 51	20 5	1 59	3 20	0 50	23 58	4 3	16 9	1 5	4 31	2 19	10 32	0 28	21 28	0 26	17 34	16 43	23 38	23 41	23 39		n.a.
M 3	9 29	9 53	4 22	19 46	2 3	2 49	0 48	23 59	4 0	16 5	1 5	4 28	2 19	10 32	0 28	21 28	0 26	17 34	16 43	23 38	23 41	23 40		n.a.
T 4	9 7	14 40	3 37	19 26	2 7	2 17	0 46	23 59	3 58	16 1	1 5	4 25	2 19	10 32	0 28	21 28	0 26	17 33	16 43	23 39	23 41	23 40		n.a.
W 5	8 45	18 44	2 39	19 4	2 11	1 45	0 44	23 59	3 56	15 56	1 5	4 21	2 19	10 31	0 28	21 27	0 26	17 32	16 43	23 39	23 41	23 41		n.a.
T 6	8 22	21 46	1 31	18 41	2 14	1 14	0 42	23 59	3 53	15 52	1 5	4 18	2 19	10 31	0 28	21 27	0 26	17 32	16 42	23 39	23 41	23 42		n.a.
F 7	8 0	23 28	0 16	18 16	2 16	0 42	0 39	23 59	3 51	15 47	1 5	4 15	2 19	10 30	0 28	21 27	0 26	17 31	16 42	23 39	23 41	23 42		n.a.
S 8	7 37	23 39	1s 0	17 50	2 18	0 10	0 37	23 59	3 48	15 43	1 6	4 12	2 19	10 30	0 28	21 26	0 26	17 30	16 42	23 39	23 41	23 43		n.a.
S 9	7 15	22 15	2 13	17 22	2 20	0n22	0 35	23 58	3 46	15 38	1 6	4 9	2 19	10 29	0 28	21 26	0 26	17 30	16 42	23 39	23 41	23 44		n.a.
M10	6 52	19 23	3 17	16 52	2 21	0 53	0 32	23 57	3 43	15 34	1 6	4 6	2 19	10 29	0 28	21 26	0 26	17 29	16 42	23 39	23 42	23 44		n.a.
T 11	6 29	15 20	4 8	16 21	2 22	1 25	0 30	23 56	3 41	15 29	1 6	4 3	2 19	10 28	0 28	21 25	0 26	17 29	16 42	23 39	23 42	23 45		n.a.
W12	6 7	10 27	4 43	15 48	2 22	1 57	0 28	23 54	3 38	15 25	1 6	3 59	2 19	10 27	0 28	21 25	0 26	17 28	16 42	23 40	23 42	23 45		n.a.
T 13	5 44	5 7	5 0	15 13	2 21	2 29	0 25	23 53	3 35	15 20	1 6	3 56	2 19	10 27	0 28	21 25	0 26	17 27	16 42	23 40	23 42	23 46		n.a.
F 14	5 21	0n21	5 0	14 37	2 20	3 0	0 23	23 51	3 33	15 16	1 6	3 53	2 19	10 26	0 28	21 24	0 26	17 27	16 42	23 41	23 42	23 47		n.a.
S 15	4 57	5 39	4 43	13 59	2 19	3 32	0 20	23 49	3 30	15 12	1 6	3 50	2 19	10 26	0 28	21 24	0 26	17 26	16 42	23 41	23 42	23 47		n.a.
S 16	4 34	10 34	4 12	13 20	2 17	4 3	0 17	23 47	3 28	15 7	1 6	3 47	2 19	10 25	0 28	21 24	0 26	17 26	16 42	23 41	23 42	23 48		n.a.
M17	4 11	14 54	3 29	12 38	2 14	4 35	0 15	23 45	3 25	15 3	1 7	3 44	2 19	10 24	0 28	21 24	0 26	17 25	16 42	23 41	23 42	23 48		n.a.
T 18	3 48	18 31	2 38	11 56	2 11	5 6	0 12	23 43	3 23	14 58	1 7	3 41	2 19	10 24	0 28	21 23	0 26	17 24	16 42	23 42	23 42	23 49		n.a.
W19	3 25	21 17	1 40	11 11	2 7	5 37	0 10	23 40	3 20	14 54	1 7	3 37	2 19	10 23	0 28	21 23	0 26	17 24	16 42	23 42	23 42	23 49		n.a.
T 20	3 1	23 5	0 39	10 26	2 3	6 8	0 7	23 38	3 17	14 49	1 7	3 34	2 19	10 22	0 28	21 23	0 26	17 23	16 41	23 42	23 43	23 50		n.a.
F 21	2 38	23 52	0n24	9 38	1 58	6 39	0 4	23 35	3 15	14 45	1 7	3 31	2 19	10 22	0 28	21 22	0 26	17 23	16 41	23 42	23 43	23 51		n.a.
S 22	2 15	23 33	1 25	8 49	1 53	7 10	0 2	23 32	3 12	14 41	1 7	3 28	2 19	10 21	0 28	21 22	0 26	17 22	16 41	23 42	23 43	23 51		n.a.
S 23	1 51	22 9	2 24	7 59	1 47	7 41	0n 1	23 28	3 10	14 36	1 7	3 25	2 19	10 20	0 28	21 22	0 26	17 21	16 41	23 42	23 43	23 52		n.a.
M24	1 28	19 44	3 17	7 7	1 41	8 11	0 4	23 25	3 7	14 32	1 7	3 22	2 19	10 20	0 28	21 22	0 26	17 21	16 41	23 42	23 43	23 52		n.a.
T 25	1 4	16 21	4 1	6 13	1 34	8 42	0 7	23 22	3 5	14 27	1 8	3 19	2 19	10 19	0 28	21 21	0 27	17 20	16 41	23 42	23 43	23 53		n.a.
W26	0 41	12 10	4 35	5 19	1 27	9 12	0 9	23 18	3 2	14 23	1 8	3 15	2 19	10 18	0 28	21 21	0 27	17 20	16 41	23 43	23 43	23 53		n.a.
T 27	0 18	7 21	4 55	4 23	1 19	9 41	0 12	23 14	3 0	14 19	1 8	3 12	2 19	10 17	0 28	21 21	0 27	17 19	16 41	23 43	23 43	23 54		n.a.
F 28	0n 6	2 5	5 0	3 26	1 11	10 11	0 15	23 10	2 57	14 14	1 8	3 9	2 19	10 17	0 28	21 21	0 27	17 19	16 41	23 43	23 43	23 54		n.a.
S 29	0 29	3s22	4 48	2 27	1 2	10 40	0 18	23 6	2 55	14 10	1 8	3 6	2 19	10 16	0 28	21 20	0 27	17 18	16 41	23 44	23 43	23 55		n.a.
S 30	0 53	8 46	4 20	1 28	0 53	11 10	0 20	23 2	2 52	14 6	1 8	3 3	2 19	10 15	0 28	21 20	0 27	17 18	16 41	23 44	23 44	23 55		n.a.
M31	1n16	13s47	3n36	0s28	0s43	11n39	0n23	22n58	2n50	14s 1	1s 9	3s 0	2s19	10s14	0n28	21s20	0s27	17s17	16s42	23n44	23n44	23n56		n.a.

Julian Day Number = 1493566.5, Delta T = 05h12m41s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'21, Lahiri = -12°34'21 Julian Calendar 1 March 624 BCE == Greg. Calendar 22 Feb. 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

APRIL 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 9 48	4♈ 6'23	1♐19	2♈37	0♉15	1♌11	26♒26	27♓57	27°R19	27♑46	24♓56	3°R 1	3♋20	7♋47	n.a.	T 1
W 2	12 13 45	5° 4'18	15°23	4°46	1°28	1°21	26°39	28° 4	27♎17	27°48	24°57	2♋59	3°17	7°54	n.a.	W 2
T 3	12 17 41	6° 2'12	29°28	6°56	2°40	1°31	26°52	28°12	27°14	27°49	24°59	2°58	3°14	8° 0	n.a.	T 3
F 4	12 21 38	7° 0'05	13♑35	9° 6	3°53	1°42	27° 4	28°20	27°12	27°50	25° 0	2°58	3°11	8° 7	n.a.	F 4
S 5	12 25 34	7°57'56	27°43	11°16	5° 5	1°53	27°17	28°28	27°10	27°51	25° 2	2°57	3° 7	8°13	n.a.	S 5
S 6	12 29 31	8°55'46	11♒50	13°26	6°18	2° 5	27°30	28°35	27° 7	27°52	25° 3	2°54	3° 4	8°20	n.a.	S 6
M 7	12 33 28	9°53'34	25°54	15°35	7°30	2°18	27°42	28°43	27° 5	27°53	25° 4	2°49	3° 1	8°27	n.a.	M 7
T 8	12 37 24	10°51'22	9♓53	17°44	8°43	2°31	27°54	28°51	27° 3	27°54	25° 6	2°41	2°58	8°33	n.a.	T 8
W 9	12 41 21	11°49'07	23°43	19°52	9°55	2°45	28° 7	28°59	27° 0	27°55	25° 7	2°30	2°55	8°40	n.a.	W 9
T 10	12 45 17	12°46'51	7♈20	21°58	11° 7	2°59	28°19	29° 6	26°58	27°56	25° 8	2°18	2°52	8°47	n.a.	T 10
F 11	12 49 14	13°44'34	20°42	24° 3	12°19	3°14	28°31	29°14	26°56	27°57	25°10	2° 6	2°48	8°53	n.a.	F 11
S 12	12 53 10	14°42'16	3♉46	26° 6	13°32	3°29	28°43	29°22	26°53	27°57	25°11	1°55	2°45	9° 0	n.a.	S 12
S 13	12 57 7	15°39'55	16°31	28° 7	14°44	3°45	28°55	29°29	26°51	27°58	25°12	1°46	2°42	9° 7	n.a.	S 13
M14	13 1 3	16°37'34	28°58	0♉ 6	15°56	4° 1	29° 7	29°37	26°48	27°59	25°14	1°39	2°39	9°13	n.a.	M14
T 15	13 5 0	17°35'10	11♊ 9	2° 2	17° 8	4°18	29°19	29°44	26°46	28° 0	25°15	1°35	2°36	9°20	n.a.	T 15
W16	13 8 57	18°32'46	23° 8	3°56	18°20	4°35	29°31	29°52	26°43	28° 0	25°16	1°33	2°32	9°27	n.a.	W16
T 17	13 12 53	19°30'19	4♋59	5°47	19°32	4°53	29°43	29°59	26°41	28° 1	25°17	1°D33	2°29	9°33	n.a.	T 17
F 18	13 16 50	20°27'51	16°47	7°35	20°44	5°11	29°54	0♈ 7	26°39	28° 2	25°19	1°R33	2°26	9°40	n.a.	F 18
S 19	13 20 46	21°25'22	28°38	9°21	21°56	5°30	0♓ 6	0°15	26°36	28° 2	25°20	1°33	2°23	9°46	n.a.	S 19
S 20	13 24 43	22°22'51	10♌37	11° 3	23° 8	5°49	0°17	0°22	26°34	28° 3	25°21	1°32	2°20	9°53	n.a.	S 20
M21	13 28 39	23°20'19	22°49	12°42	24°19	6° 8	0°28	0°29	26°31	28° 4	25°23	1°28	2°17	10° 0	n.a.	M21
T 22	13 32 36	24°17'45	5♍18	14°19	25°31	6°28	0°40	0°37	26°29	28° 4	25°24	1°22	2°13	10° 6	n.a.	T 22
W23	13 36 32	25°15'09	18° 8	15°52	26°43	6°48	0°51	0°44	26°26	28° 5	25°25	1°14	2°10	10°13	n.a.	W23
T 24	13 40 29	26°12'33	1♎20	17°22	27°54	7° 9	1° 2	0°51	26°24	28° 5	25°26	1° 4	2° 7	10°20	n.a.	T 24
F 25	13 44 26	27° 9'55	14°54	18°49	29° 6	7°30	1°13	0°59	26°21	28° 6	25°28	0°54	2° 4	10°26	n.a.	F 25
S 26	13 48 22	28° 7'16	28°46	20°13	0♊17	7°51	1°24	1° 6	26°19	28° 6	25°29	0°44	2° 1	10°33	n.a.	S 26
S 27	13 52 19	29° 4'36	12♏55	21°33	1°29	8°13	1°35	1°13	26°16	28° 6	25°30	0°35	1°58	10°40	n.a.	S 27
M28	13 56 15	0♉ 1'55	27°13	22°51	2°40	8°35	1°45	1°21	26°14	28° 7	25°31	0°29	1°54	10°46	n.a.	M28
T 29	14 0 12	0°59'14	11♐36	24° 4	3°51	8°58	1°56	1°28	26°11	28° 7	25°32	0°26	1°51	10°53	n.a.	T 29
W30	14 4 8	1♉56'31	26♐ 0	25♉15	5♊ 3	9♌21	2♓ 6	1♈35	26♎ 9	28♑ 7	25♓33	0°D24	1♋48	11♋ 0	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n39	18s 7	2n39	0n33	0s34	12n 7	0n26	22n54	2n47	13s57	1s 9	2s57	2s19	10s13	0n28	21s20	0s27	17s17	16s42	23n44	23n44	23n56		n.a.
W 2	2 3	21 26	1 32	1 34	0 23	12 36	0 29	22 49	2 45	13 53	1 9	2 54	2 19	10 13	0 28	21 20	0 27	17 16	16 42	23 44	23 44	23 57		n.a.
T 3	2 26	23 28	0 19	2 35	0 13	13 4	0 32	22 44	2 43	13 49	1 9	2 50	2 19	10 12	0 28	21 19	0 27	17 15	16 42	23 44	23 44	23 57		n.a.
F 4	2 49	24 0	0s56	3 37	0 2	13 31	0 34	22 40	2 40	13 44	1 9	2 47	2 19	10 11	0 28	21 19	0 27	17 15	16 42	23 44	23 44	23 58		n.a.
S 5	3 12	22 59	2 7	4 38	0n 8	13 59	0 37	22 35	2 38	13 40	1 9	2 44	2 19	10 10	0 28	21 19	0 27	17 14	16 42	23 44	23 44	23 58		n.a.
S 6	3 35	20 31	3 10	5 40	0 19	14 26	0 40	22 30	2 36	13 36	1 10	2 41	2 19	10 9	0 28	21 19	0 27	17 14	16 42	23 44	23 44	23 59		n.a.
M 7	3 58	16 50	4 1	6 40	0 30	14 52	0 43	22 24	2 33	13 32	1 10	2 38	2 19	10 8	0 28	21 19	0 27	17 14	16 42	23 44	23 44	23 59		n.a.
T 8	4 21	12 15	4 38	7 40	0 40	15 19	0 45	22 19	2 31	13 27	1 10	2 35	2 19	10 8	0 28	21 18	0 27	17 13	16 42	23 45	23 44	23 59		n.a.
W 9	4 44	7 4	4 57	8 39	0 50	15 45	0 48	22 14	2 29	13 23	1 10	2 32	2 19	10 7	0 28	21 18	0 27	17 13	16 42	23 45	23 44	24 0		n.a.
T 10	5 7	1 38	5 0	9 36	1 0	16 10	0 51	22 8	2 27	13 19	1 10	2 29	2 19	10 6	0 28	21 18	0 27	17 12	16 42	23 45	23 44	24 0		n.a.
F 11	5 30	3n47	4 45	10 32	1 10	16 36	0 53	22 2	2 24	13 15	1 10	2 26	2 19	10 5	0 28	21 18	0 27	17 12	16 42	23 45	23 44	24 1		n.a.
S 12	5 52	8 56	4 16	11 27	1 20	17 0	0 56	21 57	2 22	13 11	1 11	2 23	2 19	10 4	0 28	21 18	0 27	17 11	16 42	23 45	23 44	24 1		n.a.
S 13	6 15	13 34	3 35	12 19	1 28	17 25	0 59	21 51	2 20	13 7	1 11	2 20	2 19	10 3	0 28	21 18	0 27	17 11	16 42	23 46	23 45	24 2		n.a.
M14	6 37	17 32	2 44	13 10	1 37	17 49	1 1	21 45	2 18	13 3	1 11	2 17	2 19	10 2	0 28	21 18	0 27	17 10	16 43	23 46	23 45	24 2		n.a.
T 15	7 0	20 40	1 46	13 59	1 45	18 12	1 4	21 39	2 16	12 59	1 11	2 14	2 19	10 1	0 28	21 17	0 27	17 10	16 43	23 46	23 45	24 2		n.a.
W16	7 22	22 51	0 45	14 45	1 52	18 35	1 7	21 32	2 14	12 55	1 11	2 11	2 19	10 0	0 28	21 17	0 27	17 9	16 43	23 46	23 45	24 3		n.a.
T 17	7 44	23 59	0n18	15 29	1 58	18 58	1 9	21 26	2 11	12 51	1 12	2 8	2 20	10 0	0 28	21 17	0 27	17 9	16 43	23 46	23 45	24 3		n.a.
F 18	8 6	24 2	1 20	16 11	2 4	19 20	1 12	21 19	2 9	12 47	1 12	2 5	2 20	9 59	0 28	21 17	0 27	17 9	16 43	23 46	23 45	24 4		n.a.
S 19	8 28	22 59	2 19	16 51	2 9	19 42	1 14	21 13	2 7	12 43	1 12	2 2	2 20	9 58	0 28	21 17	0 27	17 8	16 43	23 46	23 45	24 4		n.a.
S 20	8 50	20 54	3 12	17 28	2 14	20 3	1 17	21 6	2 5	12 39	1 12	1 59	2 20	9 57	0 28	21 17	0 27	17 8	16 43	23 46	23 45	24 4		n.a.
M21	9 11	17 50	3 58	18 3	2 18	20 23	1 19	20 59	2 3	12 35	1 12	1 56	2 20	9 56	0 28	21 17	0 27	17 8	16 43	23 46	23 45	24 5		n.a.
T 22	9 33	13 55	4 33	18 35	2 21	20 43	1 21	20 52	2 1	12 31	1 13	1 53	2 20	9 55	0 28	21 17	0 27	17 7	16 44	23 46	23 45	24 5		n.a.
W23	9 54	9 17	4 56	19 5	2 23	21 3	1 24	20 45	1 59	12 27	1 13	1 50	2 20	9 54	0 28	21 17	0 27	17 7	16 44	23 46	23 45	24 5		n.a.
T 24	10 15	4 5	5 3	19 33	2 24	21 22	1 26	20 38	1 57	12 24	1 13	1 47	2 20	9 53	0 28	21 17	0 27	17 6	16 44	23 46	23 45	24 6		n.a.
F 25	10 36	1s26	4 55	19 58	2 25	21 40	1 28	20 30	1 55	12 20	1 13	1 45	2 20	9 52	0 28	21 17	0 27	17 6	16 44	23 46	23 45	24 6		n.a.
S 26	10 57	7 1	4 28	20 22	2 24	21 58	1 30	20 23	1 53	12 16	1 13	1 42	2 20	9 51	0 28	21 16	0 27	17 6	16 44	23 46	23 45	24 6		n.a.
S 27	11 18	12 21	3 45	20 42	2 23	22 15	1 32	20 15	1 51	12 12	1 14	1 39	2 20	9 51	0 28	21 16	0 27	17 5	16 44	23 46	23 45	24 7		n.a.
M28	11 38	17 5	2 48	21 1	2 22	22 32	1 34	20 7	1 50	12 9	1 14	1 36	2 21	9 50	0 28	21 16	0 27	17 5	16 45	23 46	23 45	24 7		n.a.
T 29	11 59	20 51	1 39	21 18	2 19	22 48	1 37	20 0	1 48	12 5	1 14	1 33	2 21	9 49	0 28	21 16	0 27	17 5	16 45	23 46	23 45	24 7		n.a.
W30	12n19	23s19	0n24	21n32	2n16	23n 3	1n38	19n52	1n46	12s 1	1s14	1s31	2s21	9s48	0n28	21s16	0s27	17s 5	16s45	23n46	23n45	24n 8		n.a.

Julian Day Number = 1493597.5, Delta T = 05h12m40s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'17, Lahiri = -12°34'16 Julian Calendar 1 Apr. 624 BCE == Greg. Calendar 25 March 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

MAY 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 8 5	2♉53'48	10♑20	26♉22	6♊14	9♌44	2♓17	1♈42	26°R 6	28♑ 7	25♓35	0♋24	1♋45	11♋ 6	n.a.	T 1
F 2	14 12 1	3°51'05	24°34	27°25	7°25	10° 7	2°27	1°49	26♎ 4	28° 8	25°36	0°25	1°42	11°13	n.a.	F 2
S 3	14 15 58	4°48'21	8♒39	28°25	8°36	10°31	2°37	1°56	26° 1	28° 8	25°37	0°R25	1°38	11°20	n.a.	S 3
S 4	14 19 55	5°45'36	22°36	29°22	9°47	10°55	2°47	2° 3	25°59	28° 8	25°38	0°24	1°35	11°26	n.a.	S 4
M 5	14 23 51	6°42'51	6♓24	0♊14	10°58	11°20	2°57	2°10	25°56	28° 8	25°39	0°21	1°32	11°33	n.a.	M 5
T 6	14 27 48	7°40'05	20° 1	1° 3	12° 9	11°45	3° 7	2°17	25°54	28° 8	25°40	0°15	1°29	11°39	n.a.	T 6
W 7	14 31 44	8°37'19	3♈26	1°48	13°20	12°10	3°17	2°24	25°52	28° 8	25°41	0° 8	1°26	11°46	n.a.	W 7
T 8	14 35 41	9°34'32	16°39	2°29	14°31	12°35	3°26	2°30	25°49	28°R 8	25°42	29♊59	1°23	11°53	n.a.	T 8
F 9	14 39 37	10°31'45	29°39	3° 6	15°41	13° 1	3°36	2°37	25°47	28° 8	25°43	29°51	1°19	11°59	n.a.	F 9
S 10	14 43 34	11°28'57	12♉24	3°38	16°52	13°27	3°45	2°44	25°44	28° 8	25°44	29°43	1°16	12° 6	n.a.	S 10
S 11	14 47 30	12°26'08	24°54	4° 7	18° 2	13°54	3°54	2°51	25°42	28° 8	25°45	29°37	1°13	12°13	n.a.	S 11
M12	14 51 27	13°23'19	7♊11	4°31	19°13	14°20	4° 3	2°57	25°40	28° 8	25°46	29°32	1°10	12°19	n.a.	M12
T 13	14 55 24	14°20'30	19°16	4°50	20°23	14°47	4°12	3° 4	25°37	28° 8	25°47	29°30	1° 7	12°26	n.a.	T 13
W14	14 59 20	15°17'40	1♋11	5° 6	21°34	15°14	4°21	3°10	25°35	28° 8	25°48	29°D29	1° 3	12°33	n.a.	W14
T 15	15 3 17	16°14'49	13° 0	5°16	22°44	15°42	4°30	3°17	25°33	28° 7	25°49	29°30	1° 0	12°39	n.a.	T 15
F 16	15 7 13	17°11'57	24°48	5°22	23°54	16°10	4°38	3°23	25°30	28° 7	25°50	29°31	0°57	12°46	n.a.	F 16
S 17	15 11 10	18° 9'05	6♌39	5°R23	25° 4	16°38	4°47	3°29	25°28	28° 7	25°51	29°33	0°54	12°53	n.a.	S 17
S 18	15 15 6	19° 6'12	18°38	5°20	26°14	17° 6	4°55	3°36	25°26	28° 7	25°52	29°R33	0°51	12°59	n.a.	S 18
M19	15 19 3	20° 3'19	0♍49	5°13	27°24	17°34	5° 3	3°42	25°24	28° 6	25°53	29°33	0°48	13° 6	n.a.	M19
T 20	15 22 59	21° 0'25	13°19	5° 1	28°34	18° 3	5°11	3°48	25°22	28° 6	25°54	29°31	0°44	13°13	n.a.	T 20
W21	15 26 56	21°57'30	26°11	4°45	29°44	18°32	5°19	3°54	25°19	28° 5	25°55	29°27	0°41	13°19	n.a.	W21
T 22	15 30 53	22°54'35	9♎27	4°25	0♋54	19° 1	5°27	4° 0	25°17	28° 5	25°56	29°22	0°38	13°26	n.a.	T 22
F 23	15 34 49	23°51'40	23° 9	4° 1	2° 3	19°31	5°35	4° 6	25°15	28° 5	25°56	29°17	0°35	13°33	n.a.	F 23
S 24	15 38 46	24°48'44	7♏14	3°34	3°13	20° 0	5°42	4°12	25°13	28° 4	25°57	29°11	0°32	13°39	n.a.	S 24
S 25	15 42 42	25°45'48	21°39	3° 5	4°22	20°30	5°50	4°18	25°11	28° 4	25°58	29° 7	0°29	13°46	n.a.	S 25
M26	15 46 39	26°42'52	6♐19	2°32	5°32	21° 0	5°57	4°24	25° 9	28° 3	25°59	29° 4	0°25	13°52	n.a.	M26
T 27	15 50 35	27°39'56	21° 6	1°58	6°41	21°31	6° 4	4°30	25° 7	28° 2	26° 0	29° 3	0°22	13°59	n.a.	T 27
W28	15 54 32	28°37'00	5♑54	1°23	7°50	22° 1	6°11	4°35	25° 5	28° 2	26° 0	29°D 2	0°19	14° 6	n.a.	W28
T 29	15 58 29	29°34'05	20°35	0°46	8°59	22°32	6°17	4°41	25° 3	28° 1	26° 1	29° 3	0°16	14°12	n.a.	T 29
F 30	16 2 25	0♊31'10	5♒ 5	0°10	10° 8	23° 3	6°24	4°46	25° 1	28° 0	26° 2	29° 5	0°13	14°19	n.a.	F 30
S 31	16 6 22	1♊28'15	19♒19	29♉34	11♋17	23♌34	6♓31	4♈52	25♎ 0	28♑ 0	26♓ 2	29♊ 6	0♋ 9	14♋26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	12n39	24s15	0s53	21n44	2n11	23n18	1n40	19n44	1n44	11s58	1s15	1s28	2s21	9s47	0n28	21s16	0s28	17s 4	16s45	23n46	23n46	24n 8			n.a.
F 2	12 58	23 34	2 6	21 54	2 6	23 32	1 42	19 35	1 42	11 54	1 15	1 25	2 21	9 46	0 28	21 16	0 28	17 4	16 45	23 46	23 46	24 8			n.a.
S 3	13 18	21 24	3 10	22 2	2 0	23 45	1 44	19 27	1 40	11 51	1 15	1 22	2 21	9 45	0 28	21 16	0 28	17 4	16 46	23 46	23 46	24 9			n.a.
S 4	13 37	17 59	4 3	22 8	1 54	23 58	1 46	19 19	1 39	11 47	1 15	1 20	2 21	9 44	0 28	21 16	0 28	17 3	16 46	23 46	23 46	24 9			n.a.
M 5	13 57	13 37	4 40	22 13	1 46	24 10	1 47	19 10	1 37	11 44	1 16	1 17	2 21	9 43	0 28	21 16	0 28	17 3	16 46	23 46	23 46	24 9			n.a.
T 6	14 16	8 37	5 2	22 15	1 38	24 22	1 49	19 1	1 35	11 41	1 16	1 14	2 22	9 43	0 28	21 16	0 28	17 3	16 46	23 46	23 46	24 10			n.a.
W 7	14 34	3 17	5 6	22 15	1 29	24 33	1 51	18 52	1 33	11 37	1 16	1 12	2 22	9 42	0 28	21 16	0 28	17 3	16 46	23 46	23 46	24 10			n.a.
T 8	14 53	2n 7	4 54	22 14	1 19	24 43	1 52	18 43	1 32	11 34	1 16	1 9	2 22	9 41	0 28	21 16	0 28	17 2	16 47	23 46	23 46	24 10			n.a.
F 9	15 11	7 21	4 27	22 11	1 8	24 52	1 53	18 34	1 30	11 31	1 16	1 7	2 22	9 40	0 28	21 16	0 28	17 2	16 47	23 46	23 46	24 10			n.a.
S 10	15 29	12 11	3 46	22 6	0 57	25 1	1 55	18 25	1 28	11 28	1 17	1 4	2 22	9 39	0 28	21 16	0 28	17 2	16 47	23 46	23 46	24 11			n.a.
S 11	15 47	16 25	2 56	22 0	0 45	25 9	1 56	18 16	1 26	11 24	1 17	1 2	2 22	9 38	0 28	21 16	0 28	17 2	16 47	23 46	23 46	24 11			n.a.
M12	16 4	19 52	1 58	21 52	0 32	25 16	1 57	18 6	1 25	11 21	1 17	0 59	2 22	9 37	0 28	21 17	0 28	17 2	16 48	23 46	23 46	24 11			n.a.
T 13	16 22	22 25	0 55	21 42	0 19	25 23	1 58	17 57	1 23	11 18	1 17	0 56	2 23	9 36	0 28	21 17	0 28	17 1	16 48	23 46	23 46	24 11			n.a.
W14	16 39	23 55	0n 9	21 31	0 4	25 29	1 59	17 47	1 22	11 15	1 18	0 54	2 23	9 36	0 28	21 17	0 28	17 1	16 48	23 46	23 46	24 12			n.a.
T 15	16 56	24 20	1 13	21 18	0s10	25 34	2 0	17 37	1 20	11 12	1 18	0 52	2 23	9 35	0 28	21 17	0 28	17 1	16 48	23 46	23 46	24 12			n.a.
F 16	17 12	23 39	2 13	21 5	0 25	25 39	2 1	17 27	1 18	11 9	1 18	0 49	2 23	9 34	0 28	21 17	0 28	17 1	16 49	23 46	23 46	24 12			n.a.
S 17	17 28	21 54	3 8	20 50	0 41	25 43	2 2	17 17	1 17	11 6	1 19	0 47	2 23	9 33	0 28	21 17	0 28	17 1	16 49	23 46	23 46	24 12			n.a.
S 18	17 44	19 11	3 56	20 33	0 57	25 46	2 3	17 7	1 15	11 3	1 19	0 44	2 23	9 32	0 28	21 17	0 28	17 1	16 49	23 46	23 46	24 12			n.a.
M19	18 0	15 35	4 33	20 16	1 13	25 48	2 3	16 57	1 14	11 1	1 19	0 42	2 24	9 32	0 28	21 17	0 28	17 1	16 49	23 46	23 46	24 13			n.a.
T 20	18 15	11 14	4 59	19 58	1 30	25 50	2 4	16 46	1 12	10 58	1 19	0 40	2 24	9 31	0 28	21 17	0 28	17 1	16 50	23 46	23 46	24 13			n.a.
W21	18 31	6 17	5 11	19 39	1 46	25 50	2 4	16 36	1 11	10 55	1 20	0 37	2 24	9 30	0 28	21 17	0 28	17 0	16 50	23 46	23 46	24 13			n.a.
T 22	18 45	0 54	5 7	19 19	2 2	25 51	2 5	16 25	1 9	10 53	1 20	0 35	2 24	9 29	0 28	21 17	0 28	17 0	16 50	23 46	23 46	24 13			n.a.
F 23	19 0	4s43	4 45	18 59	2 19	25 50	2 5	16 14	1 8	10 50	1 20	0 33	2 24	9 29	0 28	21 17	0 28	17 0	16 50	23 46	23 46	24 13			n.a.
S 24	19 14	10 15	4 6	18 38	2 34	25 49	2 5	16 3	1 6	10 47	1 20	0 31	2 24	9 28	0 28	21 18	0 28	17 0	16 51	23 46	23 46	24 13			n.a.
S 25	19 28	15 22	3 10	18 17	2 50	25 47	2 5	15 52	1 5	10 45	1 21	0 29	2 25	9 27	0 28	21 18	0 28	17 0	16 51	23 46	23 46	24 14			n.a.
M26	19 41	19 40	2 1	17 57	3 4	25 44	2 5	15 41	1 3	10 43	1 21	0 26	2 25	9 26	0 28	21 18	0 28	17 0	16 51	23 46	23 46	24 14			n.a.
T 27	19 55	22 45	0 43	17 37	3 18	25 41	2 5	15 30	1 2	10 40	1 21	0 24	2 25	9 26	0 27	21 18	0 28	17 0	16 52	23 46	23 46	24 14			n.a.
W28	20 8	24 16	0s38	17 17	3 31	25 37	2 5	15 19	1 0	10 38	1 22	0 22	2 25	9 25	0 27	21 18	0 28	17 0	16 52	23 46	23 46	24 14			n.a.
T 29	20 20	24 4	1 55	16 58	3 42	25 32	2 4	15 7	0 59	10 36	1 22	0 20	2 25	9 24	0 27	21 18	0 28	17 0	16 52	23 46	23 46	24 14			n.a.
F 30	20 32	22 15	3 5	16 41	3 53	25 26	2 4	14 55	0 57	10 33	1 22	0 18	2 26	9 24	0 27	21 19	0 28	17 0	16 52	23 46	23 46	24 14			n.a.
S 31	20n44	19s 3	4s 2	16n24	4s 2	25n20	2n 3	14n44	0n56	10s31	1s23	0s16	2s26	9s23	0n27	21s19	0s28	17s 0	16s53	23n46	23n46	24n14			n.a.

Julian Day Number = 1493627.5, Delta T = 05h12m39s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'13, Lahiri = -12°34'12 Julian Calendar 1 May 624 BCE == Greg. Calendar 24 Apr. 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

JUNE 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 10 18	2♊25'20	3♓17	28°R59	12♋26	24♌ 5	6♓37	4♈57	24°R58	27°R59	26♓ 3	29°R 6	0♋ 6	14♋32	n.a.	S 1
M 2	16 14 15	3°22'26	16°58	28♉26	13°34	24°37	6°43	5° 3	24♎56	27♑58	26° 4	29♊ 6	0° 3	14°39	n.a.	M 2
T 3	16 18 11	4°19'32	0♈22	27°55	14°43	25° 9	6°49	5° 8	24°54	27°57	26° 4	29° 4	29♊59	14°46	n.a.	T 3
W 4	16 22 8	5°16'39	13°30	27°27	15°51	25°40	6°55	5°13	24°53	27°57	26° 5	29° 1	29°57	14°52	n.a.	W 4
T 5	16 26 4	6°13'46	26°23	27° 3	17° 0	26°13	7° 0	5°18	24°51	27°56	26° 6	28°58	29°54	14°59	n.a.	T 5
F 6	16 30 1	7°10'54	9♉ 1	26°42	18° 8	26°45	7° 6	5°23	24°49	27°55	26° 6	28°55	29°50	15° 6	n.a.	F 6
S 7	16 33 58	8° 8'02	21°28	26°25	19°16	27°17	7°11	5°28	24°48	27°54	26° 7	28°52	29°47	15°12	n.a.	S 7
S 8	16 37 54	9° 5'11	3♊42	26°13	20°24	27°50	7°16	5°33	24°46	27°53	26° 7	28°49	29°44	15°19	n.a.	S 8
M 9	16 41 51	10° 2'20	15°47	26° 5	21°32	28°23	7°21	5°38	24°45	27°52	26° 8	28°48	29°41	15°26	n.a.	M 9
T 10	16 45 47	10°59'30	27°44	26°D 3	22°40	28°56	7°26	5°43	24°43	27°51	26° 8	28°D47	29°38	15°32	n.a.	T 10
W11	16 49 44	11°56'40	9♋35	26° 6	23°48	29°29	7°31	5°47	24°42	27°50	26° 9	28°47	29°35	15°39	n.a.	W11
T 12	16 53 40	12°53'50	21°22	26°14	24°55	0♍ 3	7°35	5°52	24°40	27°49	26° 9	28°48	29°31	15°46	n.a.	T 12
F 13	16 57 37	13°51'01	3♌10	26°28	26° 2	0°36	7°40	5°56	24°39	27°48	26°10	28°50	29°28	15°52	n.a.	F 13
S 14	17 1 34	14°48'12	15° 1	26°47	27°10	1°10	7°44	6° 1	24°38	27°47	26°10	28°51	29°25	15°59	n.a.	S 14
S 15	17 5 30	15°45'23	27° 0	27°12	28°17	1°44	7°48	6° 5	24°36	27°46	26°10	28°52	29°22	16° 5	n.a.	S 15
M16	17 9 27	16°42'35	9♍11	27°42	29°24	2°18	7°51	6° 9	24°35	27°45	26°11	28°53	29°19	16°12	n.a.	M16
T 17	17 13 23	17°39'47	21°39	28°18	0♌31	2°52	7°55	6°14	24°34	27°44	26°11	28°R53	29°15	16°19	n.a.	T 17
W18	17 17 20	18°36'59	4♎27	28°59	1°37	3°27	7°58	6°18	24°33	27°43	26°12	28°52	29°12	16°25	n.a.	W18
T 19	17 21 16	19°34'12	17°40	29°46	2°44	4° 1	8° 2	6°22	24°32	27°41	26°12	28°52	29° 9	16°32	n.a.	T 19
F 20	17 25 13	20°31'25	1♏20	0♊38	3°50	4°36	8° 5	6°25	24°31	27°40	26°12	28°51	29° 6	16°39	n.a.	F 20
S 21	17 29 9	21°28'39	15°26	1°36	4°56	5°11	8° 7	6°29	24°30	27°39	26°12	28°50	29° 3	16°45	n.a.	S 21
S 22	17 33 6	22°25'54	29°56	2°39	6° 3	5°46	8°10	6°33	24°29	27°38	26°13	28°49	29° 0	16°52	n.a.	S 22
M23	17 37 3	23°23'10	14♐46	3°47	7° 8	6°21	8°13	6°37	24°28	27°36	26°13	28°49	28°56	16°59	n.a.	M23
T 24	17 40 59	24°20'26	29°49	5° 0	8°14	6°57	8°15	6°40	24°27	27°35	26°13	28°D49	28°53	17° 5	n.a.	T 24
W25	17 44 56	25°17'43	14♑55	6°18	9°20	7°32	8°17	6°44	24°26	27°34	26°13	28°49	28°50	17°12	n.a.	W25
T 26	17 48 52	26°15'01	29°57	7°41	10°25	8° 8	8°19	6°47	24°26	27°32	26°13	28°49	28°47	17°19	n.a.	T 26
F 27	17 52 49	27°12'21	14♒46	9° 9	11°30	8°43	8°21	6°50	24°25	27°31	26°14	28°49	28°44	17°25	n.a.	F 27
S 28	17 56 45	28° 9'41	29°16	10°41	12°35	9°19	8°22	6°53	24°24	27°30	26°14	28°49	28°41	17°32	n.a.	S 28
S 29	18 0 42	29° 7'03	13♓23	12°17	13°40	9°55	8°23	6°56	24°24	27°28	26°14	28°R49	28°37	17°39	n.a.	S 29
M30	18 4 38	0♋ 4'26	27♓ 7	13♊58	14♌44	10♍32	8♓24	6♈59	24♎23	27♑27	26♓14	28°D49	28♊34	17♋45	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n56	14s49	4s43	16n 9	4s10	25n13	2n 3	14n32	0n55	10s29	1s23	0s14	2s26	9s22	0n27	21s19	0s28	17s 0	16s53	23n46	23n46	24n15		n.a.
M 2	21 7	9 55	5 7	15 56	4 16	25 5	2 2	14 20	0 53	10 27	1 23	0 12	2 26	9 22	0 27	21 19	0 28	17 0	16 53	23 46	23 46	24 15		n.a.
T 3	21 18	4 39	5 14	15 44	4 21	24 57	2 1	14 8	0 52	10 25	1 23	0 10	2 27	9 21	0 27	21 19	0 28	17 0	16 54	23 46	23 46	24 15		n.a.
W 4	21 29	0n44	5 4	15 35	4 24	24 48	2 0	13 56	0 50	10 23	1 24	0 8	2 27	9 20	0 27	21 19	0 28	17 0	16 54	23 46	23 46	24 15		n.a.
T 5	21 39	5 59	4 39	15 27	4 26	24 39	1 59	13 43	0 49	10 21	1 24	0 6	2 27	9 20	0 27	21 20	0 28	17 0	16 54	23 46	23 46	24 15		n.a.
F 6	21 49	10 54	4 1	15 22	4 26	24 28	1 58	13 31	0 48	10 20	1 24	0 5	2 27	9 19	0 27	21 20	0 28	17 0	16 55	23 46	23 46	24 15		n.a.
S 7	21 58	15 18	3 12	15 20	4 25	24 17	1 57	13 18	0 46	10 18	1 25	0 3	2 27	9 19	0 27	21 20	0 29	17 0	16 55	23 46	23 46	24 15		n.a.
S 8	22 7	18 59	2 14	15 19	4 22	24 6	1 55	13 6	0 45	10 16	1 25	0 1	2 28	9 18	0 27	21 20	0 29	17 0	16 55	23 46	23 46	24 15		n.a.
M 9	22 16	21 49	1 11	15 21	4 18	23 54	1 54	12 53	0 44	10 15	1 25	0n 1	2 28	9 18	0 27	21 20	0 29	17 0	16 56	23 46	23 46	24 15		n.a.
T 10	22 24	23 39	0 6	15 26	4 13	23 41	1 52	12 40	0 42	10 13	1 26	0 2	2 28	9 17	0 27	21 21	0 29	17 0	16 56	23 46	23 46	24 15		n.a.
W11	22 32	24 24	0n59	15 33	4 7	23 27	1 51	12 27	0 41	10 12	1 26	0 4	2 28	9 17	0 27	21 21	0 29	17 1	16 56	23 46	23 46	24 15		n.a.
T 12	22 40	24 3	2 2	15 42	4 0	23 13	1 49	12 14	0 40	10 10	1 26	0 6	2 29	9 16	0 27	21 21	0 29	17 1	16 57	23 46	23 46	24 15		n.a.
F 13	22 47	22 37	2 59	15 53	3 51	22 59	1 47	12 1	0 39	10 9	1 27	0 7	2 29	9 16	0 27	21 21	0 29	17 1	16 57	23 46	23 46	24 15		n.a.
S 14	22 53	20 12	3 49	16 7	3 42	22 44	1 45	11 47	0 37	10 8	1 27	0 9	2 29	9 15	0 27	21 22	0 29	17 1	16 57	23 46	23 46	24 16		n.a.
S 15	23 0	16 54	4 30	16 22	3 32	22 28	1 43	11 34	0 36	10 6	1 27	0 10	2 29	9 15	0 27	21 22	0 29	17 1	16 58	23 46	23 46	24 16		n.a.
M16	23 6	12 50	4 59	16 40	3 21	22 12	1 40	11 20	0 35	10 5	1 28	0 12	2 30	9 14	0 27	21 22	0 29	17 1	16 58	23 46	23 46	24 16		n.a.
T 17	23 11	8 10	5 15	16 59	3 9	21 55	1 38	11 7	0 34	10 4	1 28	0 13	2 30	9 14	0 27	21 22	0 29	17 1	16 58	23 46	23 46	24 16		n.a.
W18	23 16	3 1	5 16	17 20	2 57	21 38	1 36	10 53	0 32	10 3	1 28	0 15	2 30	9 13	0 27	21 23	0 29	17 2	16 59	23 46	23 46	24 16		n.a.
T 19	23 21	2s24	5 0	17 42	2 45	21 20	1 33	10 39	0 31	10 2	1 29	0 16	2 30	9 13	0 27	21 23	0 29	17 2	16 59	23 46	23 46	24 16		n.a.
F 20	23 26	7 55	4 28	18 6	2 32	21 1	1 30	10 25	0 30	10 2	1 29	0 17	2 31	9 13	0 27	21 23	0 29	17 2	16 59	23 46	23 46	24 16		n.a.
S 21	23 30	13 12	3 38	18 31	2 18	20 42	1 27	10 11	0 29	10 1	1 29	0 18	2 31	9 12	0 27	21 23	0 29	17 2	17 0	23 46	23 46	24 16		n.a.
S 22	23 33	17 55	2 34	18 57	2 5	20 23	1 24	9 57	0 28	10 0	1 29	0 20	2 31	9 12	0 27	21 24	0 29	17 2	17 0	23 46	23 46	24 16		n.a.
M23	23 36	21 36	1 17	19 23	1 51	20 3	1 21	9 43	0 26	9 59	1 30	0 21	2 31	9 12	0 27	21 24	0 29	17 3	17 0	23 46	23 46	24 16		n.a.
T 24	23 39	23 52	0s 6	19 50	1 37	19 43	1 18	9 28	0 25	9 59	1 30	0 22	2 32	9 11	0 27	21 24	0 29	17 3	17 1	23 46	23 46	24 16		n.a.
W25	23 41	24 23	1 28	20 18	1 23	19 22	1 15	9 14	0 24	9 58	1 30	0 23	2 32	9 11	0 27	21 24	0 29	17 3	17 1	23 46	23 46	24 15		n.a.
T 26	23 43	23 7	2 45	20 46	1 9	19 1	1 11	8 59	0 23	9 58	1 31	0 24	2 32	9 11	0 27	21 25	0 29	17 3	17 1	23 46	23 46	24 15		n.a.
F 27	23 44	20 16	3 49	21 13	0 55	18 39	1 8	8 45	0 22	9 58	1 31	0 25	2 32	9 11	0 27	21 25	0 29	17 4	17 2	23 46	23 46	24 15		n.a.
S 28	23 45	16 12	4 37	21 40	0 41	18 17	1 4	8 30	0 21	9 57	1 31	0 26	2 33	9 10	0 27	21 25	0 29	17 4	17 2	23 46	23 46	24 15		n.a.
S 29	23 46	11 19	5 6	22 7	0 28	17 55	1 1	8 15	0 19	9 57	1 32	0 27	2 33	9 10	0 27	21 26	0 29	17 4	17 2	23 46	23 46	24 15		n.a.
M30	23n46	6s 0	5s18	22n33	0s15	17n32	0n57	8n 0	0n18	9s57	1s32	0n28	2s33	9s10	0n27	21s26	0s29	17s 4	17s 3	23n46	23n46	24n15		n.a.

Julian Day Number = 1493658.5, Delta T = 05h12m37s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'09, Lahiri = -12°34'08 Julian Calendar 1 June 624 BCE == Greg. Calendar 25 May 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

JULY 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 8 35	1♋ 1'51	10♈27	15♊42	15♌49	11♍ 8	8♓25	7♈ 2	24°R23	27°R26	26♓14	28♊49	28♊31	17♋52	n.a.	T 1
W 2	18 12 32	1°59'17	23°26	17°29	16°53	11°44	8°26	7° 5	24♎22	27♑24	26°14	28°49	28°28	17°59	n.a.	W 2
T 3	18 16 28	2°56'44	6♉ 6	19°20	17°57	12°21	8°27	7° 8	24°22	27°23	26°R14	28°50	28°25	18° 5	n.a.	T 3
F 4	18 20 25	3°54'13	18°31	21°13	19° 0	12°58	8°27	7°10	24°21	27°21	26°14	28°50	28°21	18°12	n.a.	F 4
S 5	18 24 21	4°51'43	0♊43	23° 9	20° 4	13°35	8°R27	7°13	24°21	27°20	26°14	28°51	28°18	18°19	n.a.	S 5
S 6	18 28 18	5°49'15	12°45	25° 7	21° 7	14°12	8°27	7°15	24°21	27°18	26°14	28°51	28°15	18°25	n.a.	S 6
M 7	18 32 14	6°46'48	24°40	27° 6	22°10	14°49	8°27	7°17	24°21	27°17	26°14	28°R52	28°12	18°32	n.a.	M 7
T 8	18 36 11	7°44'23	6♋30	29° 7	23°13	15°26	8°26	7°20	24°20	27°15	26°14	28°51	28° 9	18°39	n.a.	T 8
W 9	18 40 7	8°41'59	18°18	1♋ 9	24°15	16° 3	8°26	7°22	24°20	27°14	26°14	28°51	28° 6	18°45	n.a.	W 9
T 10	18 44 4	9°39'36	0♌ 5	3°11	25°18	16°41	8°25	7°24	24°D20	27°12	26°14	28°50	28° 2	18°52	n.a.	T 10
F 11	18 48 1	10°37'14	11°55	5°14	26°19	17°19	8°24	7°26	24°20	27°11	26°13	28°48	27°59	18°58	n.a.	F 11
S 12	18 51 57	11°34'54	23°50	7°17	27°21	17°56	8°23	7°27	24°20	27° 9	26°13	28°47	27°56	19° 5	n.a.	S 12
S 13	18 55 54	12°32'34	5♍52	9°19	28°23	18°34	8°21	7°29	24°20	27° 7	26°13	28°45	27°53	19°12	n.a.	S 13
M14	18 59 50	13°30'16	18° 5	11°21	29°24	19°12	8°20	7°31	24°21	27° 6	26°13	28°43	27°50	19°18	n.a.	M14
T 15	19 3 47	14°28'00	0♎32	13°23	0♍24	19°51	8°18	7°32	24°21	27° 4	26°13	28°42	27°47	19°25	n.a.	T 15
W16	19 7 43	15°25'44	13°17	15°23	1°25	20°29	8°16	7°33	24°21	27° 3	26°12	28°D41	27°43	19°32	n.a.	W16
T 17	19 11 40	16°23'30	26°24	17°23	2°25	21° 7	8°13	7°35	24°21	27° 1	26°12	28°42	27°40	19°38	n.a.	T 17
F 18	19 15 36	17°21'17	9♏55	19°22	3°25	21°46	8°11	7°36	24°22	26°59	26°12	28°42	27°37	19°45	n.a.	F 18
S 19	19 19 33	18°19'05	23°52	21°19	4°24	22°24	8° 8	7°37	24°22	26°58	26°11	28°44	27°34	19°52	n.a.	S 19
S 20	19 23 30	19°16'55	8♐15	23°16	5°23	23° 3	8° 6	7°38	24°23	26°56	26°11	28°45	27°31	19°58	n.a.	S 20
M21	19 27 26	20°14'46	23° 1	25°11	6°22	23°42	8° 3	7°38	24°23	26°55	26°11	28°R46	27°27	20° 5	n.a.	M21
T 22	19 31 23	21°12'39	8♑ 4	27° 5	7°20	24°21	7°59	7°39	24°24	26°53	26°10	28°46	27°24	20°12	n.a.	T 22
W23	19 35 19	22°10'34	23°18	28°58	8°18	25° 0	7°56	7°40	24°24	26°51	26°10	28°44	27°21	20°18	n.a.	W23
T 24	19 39 16	23° 8'30	8♒31	0♌49	9°15	25°39	7°52	7°40	24°25	26°50	26°10	28°42	27°18	20°25	n.a.	T 24
F 25	19 43 12	24° 6'28	23°34	2°40	10°12	26°18	7°49	7°41	24°26	26°48	26° 9	28°39	27°15	20°32	n.a.	F 25
S 26	19 47 9	25° 4'27	8♓18	4°29	11° 9	26°58	7°45	7°41	24°26	26°46	26° 9	28°35	27°12	20°38	n.a.	S 26
S 27	19 51 5	26° 2'29	22°38	6°16	12° 5	27°37	7°41	7°41	24°27	26°45	26° 8	28°32	27° 8	20°45	n.a.	S 27
M28	19 55 2	27° 0'32	6♈30	8° 3	13° 0	28°17	7°36	7°R41	24°28	26°43	26° 8	28°29	27° 5	20°52	n.a.	M28
T 29	19 58 59	27°58'38	19°54	9°48	13°55	28°57	7°32	7°41	24°29	26°42	26° 7	28°28	27° 2	20°58	n.a.	T 29
W30	20 2 55	28°56'46	2♉52	11°31	14°50	29°37	7°27	7°41	24°30	26°40	26° 7	28°D28	26°59	21° 5	n.a.	W30
T 31	20 6 52	29♋54'56	15♉28	13♌14	15♍44	0♎17	7♓23	7♈41	24♎31	26♑38	26♓ 6	28♊28	26♊56	21♋12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n46	0s34	5s11	22n57	0s 2	17n 9	0n53	7n45	0n17	9s57	1s32	0n29	2s33	9s10	0n27	21s26	0s29	17s 5	17s 3	23n46	23n46	24n15			n.a.
W 2	23 45	4n45	4 49	23 20	0n10	16 46	0 49	7 30	0 16	9 57	1 33	0 30	2 34	9 10	0 26	21 27	0 29	17 5	17 3	23 46	23 46	24 15			n.a.
T 3	23 44	9 46	4 13	23 41	0 21	16 22	0 44	7 15	0 15	9 57	1 33	0 31	2 34	9 10	0 26	21 27	0 29	17 5	17 4	23 46	23 46	24 15			n.a.
F 4	23 43	14 17	3 26	24 1	0 32	15 58	0 40	7 0	0 14	9 57	1 33	0 32	2 34	9 10	0 26	21 27	0 29	17 6	17 4	23 46	23 46	24 15			n.a.
S 5	23 41	18 8	2 30	24 18	0 43	15 33	0 35	6 44	0 13	9 58	1 34	0 32	2 35	9 9	0 26	21 28	0 29	17 6	17 4	23 46	23 46	24 15			n.a.
S 6	23 38	21 11	1 28	24 33	0 52	15 9	0 31	6 29	0 12	9 58	1 34	0 33	2 35	9 9	0 26	21 28	0 29	17 6	17 5	23 46	23 46	24 15			n.a.
M 7	23 36	23 16	0 23	24 45	1 1	14 44	0 26	6 13	0 11	9 58	1 34	0 34	2 35	9 9	0 26	21 28	0 29	17 6	17 5	23 46	23 45	24 15			n.a.
T 8	23 32	24 19	0n42	24 55	1 9	14 18	0 21	5 58	0 10	9 59	1 35	0 34	2 35	9 9	0 26	21 28	0 29	17 7	17 5	23 46	23 45	24 14			n.a.
W 9	23 29	24 15	1 46	25 2	1 16	13 53	0 16	5 42	0 8	9 59	1 35	0 35	2 36	9 9	0 26	21 29	0 29	17 7	17 6	23 46	23 45	24 14			n.a.
T 10	23 25	23 5	2 45	25 7	1 23	13 27	0 11	5 26	0 7	10 0	1 35	0 36	2 36	9 9	0 26	21 29	0 29	17 8	17 6	23 46	23 45	24 14			n.a.
F 11	23 20	20 55	3 37	25 9	1 29	13 1	0 6	5 11	0 6	10 1	1 36	0 36	2 36	9 9	0 26	21 29	0 29	17 8	17 6	23 46	23 45	24 14			n.a.
S 12	23 15	17 50	4 20	25 8	1 34	12 34	0 1	4 55	0 5	10 1	1 36	0 36	2 36	9 9	0 26	21 30	0 29	17 8	17 7	23 46	23 45	24 14			n.a.
S 13	23 10	13 59	4 52	25 4	1 38	12 8	0s 4	4 39	0 4	10 2	1 36	0 37	2 37	9 9	0 26	21 30	0 29	17 9	17 7	23 46	23 45	24 14			n.a.
M14	23 4	9 32	5 11	24 57	1 41	11 41	0 10	4 23	0 3	10 3	1 37	0 37	2 37	9 10	0 26	21 30	0 29	17 9	17 7	23 46	23 45	24 14			n.a.
T 15	22 58	4 36	5 16	24 49	1 44	11 14	0 15	4 7	0 2	10 4	1 37	0 38	2 37	9 10	0 26	21 31	0 29	17 9	17 8	23 46	23 45	24 13			n.a.
W16	22 52	0s38	5 6	24 37	1 46	10 47	0 21	3 50	0 1	10 5	1 37	0 38	2 38	9 10	0 26	21 31	0 29	17 10	17 8	23 46	23 45	24 13			n.a.
T 17	22 45	5 59	4 40	24 23	1 47	10 20	0 27	3 34	0 0	10 6	1 38	0 38	2 38	9 10	0 26	21 31	0 29	17 10	17 8	23 46	23 45	24 13			n.a.
F 18	22 38	11 14	3 58	24 7	1 48	9 53	0 33	3 18	0s 1	10 8	1 38	0 38	2 38	9 10	0 26	21 32	0 29	17 11	17 9	23 46	23 45	24 13			n.a.
S 19	22 30	16 5	3 1	23 49	1 48	9 26	0 39	3 2	0 2	10 9	1 38	0 38	2 38	9 10	0 26	21 32	0 29	17 11	17 9	23 46	23 45	24 13			n.a.
S 20	22 22	20 10	1 51	23 29	1 47	8 58	0 45	2 45	0 3	10 10	1 39	0 38	2 39	9 11	0 26	21 32	0 29	17 11	17 9	23 46	23 45	24 13			n.a.
M21	22 13	23 3	0 32	23 7	1 46	8 30	0 51	2 29	0 4	10 12	1 39	0 39	2 39	9 11	0 26	21 33	0 29	17 12	17 10	23 46	23 45	24 12			n.a.
T 22	22 4	24 22	0s51	22 44	1 44	8 3	0 58	2 12	0 5	10 13	1 39	0 39	2 39	9 11	0 26	21 33	0 29	17 12	17 10	23 46	23 45	24 12			n.a.
W23	21 55	23 53	2 11	22 18	1 42	7 35	1 4	1 56	0 6	10 15	1 40	0 39	2 40	9 11	0 26	21 33	0 29	17 13	17 10	23 46	23 45	24 12			n.a.
T 24	21 45	21 37	3 22	21 52	1 39	7 7	1 11	1 39	0 7	10 16	1 40	0 38	2 40	9 12	0 26	21 34	0 29	17 13	17 11	23 46	23 45	24 12			n.a.
F 25	21 35	17 53	4 17	21 23	1 36	6 39	1 17	1 22	0 8	10 18	1 40	0 38	2 40	9 12	0 26	21 34	0 29	17 14	17 11	23 46	23 44	24 12			n.a.
S 26	21 25	13 7	4 55	20 54	1 32	6 11	1 24	1 6	0 9	10 20	1 40	0 38	2 41	9 12	0 26	21 34	0 29	17 14	17 11	23 46	23 44	24 11			n.a.
S 27	21 14	7 44	5 12	20 23	1 28	5 43	1 31	0 49	0 9	10 22	1 41	0 38	2 41	9 12	0 26	21 35	0 29	17 15	17 11	23 46	23 44	24 11			n.a.
M28	21 3	2 8	5 11	19 51	1 24	5 16	1 38	0 32	0 10	10 23	1 41	0 38	2 41	9 13	0 26	21 35	0 29	17 15	17 12	23 46	23 44	24 11			n.a.
T 29	20 51	3n23	4 52	19 18	1 19	4 48	1 45	0 15	0 11	10 25	1 41	0 37	2 41	9 13	0 26	21 35	0 30	17 16	17 12	23 46	23 44	24 11			n.a.
W30	20 39	8 35	4 19	18 45	1 14	4 20	1 52	0s 2	0 12	10 27	1 42	0 37	2 42	9 14	0 26	21 36	0 30	17 16	17 12	23 46	23 44	24 10			n.a.
T 31	20n27	13n17	3s34	18n10	1n 9	3n52	2s 0	0s19	0s13	10s29	1s42	0n37	2s42	9s14	0n26	21s36	0s30	17s17	17s13	23n46	23n44	24n10			n.a.

Julian Day Number = 1493688.5, Delta T = 05h12m36s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'05, Lahiri = -12°34'04 Julian Calendar 1 July 624 BCE == Greg. Calendar 24 June 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

AUGUST 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 10 48	0♌53'08	27♉46	14♌55	16♍37	0♎57	7°R18	7°R40	24♎32	26°R37	26°R 6	28♊30	26♊53	21♋18	n.a.	F 1
S 2	20 14 45	1°51'22	9♊49	16°36	17°30	1°37	7♓13	7♈40	24°33	26♏35	26♓ 5	28°32	26°49	21°25	n.a.	S 2
S 3	20 18 41	2°49'38	21°44	18°15	18°23	2°17	7° 7	7°39	24°35	26°33	26° 4	28°33	26°46	21°32	n.a.	S 3
M 4	20 22 38	3°47'57	3♋33	19°52	19°14	2°57	7° 2	7°38	24°36	26°32	26° 4	28°R33	26°43	21°38	n.a.	M 4
T 5	20 26 34	4°46'18	15°20	21°29	20° 6	3°38	6°56	7°38	24°37	26°30	26° 3	28°32	26°40	21°45	n.a.	T 5
W 6	20 30 31	5°44'40	27° 8	23° 4	20°56	4°18	6°50	7°37	24°38	26°28	26° 2	28°28	26°37	21°52	n.a.	W 6
T 7	20 34 28	6°43'05	8♌59	24°39	21°46	4°59	6°44	7°36	24°40	26°27	26° 2	28°23	26°33	21°58	n.a.	T 7
F 8	20 38 24	7°41'31	20°55	26°12	22°35	5°40	6°38	7°34	24°41	26°25	26° 1	28°17	26°30	22° 5	n.a.	F 8
S 9	20 42 21	8°40'00	2♍58	27°44	23°23	6°21	6°32	7°33	24°43	26°24	26° 0	28° 9	26°27	22°12	n.a.	S 9
S 10	20 46 17	9°38'30	15° 8	29°15	24°11	7° 2	6°26	7°32	24°44	26°22	26° 0	28° 2	26°24	22°18	n.a.	S 10
M11	20 50 14	10°37'02	27°29	0♍45	24°57	7°43	6°19	7°30	24°46	26°20	25°59	27°55	26°21	22°25	n.a.	M11
T 12	20 54 10	11°35'36	10♎ 2	2°13	25°43	8°24	6°13	7°29	24°48	26°19	25°58	27°49	26°18	22°32	n.a.	T 12
W13	20 58 7	12°34'12	22°49	3°41	26°28	9° 5	6° 6	7°27	24°49	26°17	25°57	27°45	26°14	22°38	n.a.	W13
T 14	21 2 3	13°32'49	5♏54	5° 7	27°12	9°47	5°59	7°25	24°51	26°16	25°57	27°43	26°11	22°45	n.a.	T 14
F 15	21 6 0	14°31'28	19°17	6°32	27°56	10°28	5°52	7°24	24°53	26°14	25°56	27°D43	26° 8	22°52	n.a.	F 15
S 16	21 9 57	15°30'10	3♐ 3	7°56	28°38	11°10	5°45	7°22	24°54	26°13	25°55	27°44	26° 5	22°58	n.a.	S 16
S 17	21 13 53	16°28'53	17°11	9°19	29°19	11°52	5°38	7°19	24°56	26°11	25°54	27°45	26° 2	23° 5	n.a.	S 17
M18	21 17 50	17°27'38	1♑42	10°40	29°59	12°33	5°31	7°17	24°58	26°10	25°53	27°R45	25°59	23°12	n.a.	M18
T 19	21 21 46	18°26'24	16°32	12° 0	0♎38	13°15	5°24	7°15	25° 0	26° 8	25°52	27°44	25°55	23°18	n.a.	T 19
W20	21 25 43	19°25'13	1♒35	13°19	1°16	13°57	5°16	7°13	25° 2	26° 7	25°52	27°40	25°52	23°25	n.a.	W20
T 21	21 29 39	20°24'04	16°43	14°36	1°53	14°39	5° 9	7°10	25° 4	26° 5	25°51	27°34	25°49	23°32	n.a.	T 21
F 22	21 33 36	21°22'56	1♓47	15°52	2°28	15°21	5° 1	7° 8	25° 6	26° 4	25°50	27°27	25°46	23°38	n.a.	F 22
S 23	21 37 32	22°21'51	16°36	17° 6	3° 2	16° 3	4°53	7° 5	25° 9	26° 2	25°49	27°18	25°43	23°45	n.a.	S 23
S 24	21 41 29	23°20'48	1♈ 3	18°19	3°35	16°46	4°46	7° 2	25°11	26° 1	25°48	27°10	25°39	23°52	n.a.	S 24
M25	21 45 25	24°19'47	15° 3	19°29	4° 6	17°28	4°38	6°59	25°13	25°59	25°47	27° 3	25°36	23°58	n.a.	M25
T 26	21 49 22	25°18'49	28°33	20°38	4°36	18°10	4°30	6°56	25°15	25°58	25°46	26°57	25°33	24° 5	n.a.	T 26
W27	21 53 19	26°17'53	11♉35	21°46	5° 4	18°53	4°22	6°53	25°17	25°57	25°45	26°54	25°30	24°11	n.a.	W27
T 28	21 57 15	27°17'00	24°13	22°51	5°31	19°36	4°14	6°50	25°20	25°55	25°44	26°D53	25°27	24°18	n.a.	T 28
F 29	22 1 12	28°16'09	6♊30	23°53	5°56	20°18	4° 6	6°47	25°22	25°54	25°43	26°53	25°24	24°25	n.a.	F 29
S 30	22 5 8	29°15'21	18°32	24°54	6°20	21° 1	3°58	6°44	25°25	25°53	25°42	26°54	25°20	24°31	n.a.	S 30
S 31	22 9 5	0♍14'35	0♋24	25♍51	6♎42	21♎44	3♓50	6♈41	25♎27	25♏51	25♓41	26°R54	25♊17	24♋38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n14	17n19	2s41	17n35	1n 3	3n24	2s 7	0s36	0s14	10s32	1s42	0n36	2s42	9s14	0n26	21s36	0s30	17s17	17s13	23n46	23n44	24n10		n.a.
S 2	20 1	20 34	1 41	16 59	0 57	2 57	2 14	0 53	0 15	10 34	1 42	0 36	2 42	9 15	0 26	21 37	0 30	17 17	17 13	23 46	23 44	24 9		n.a.
S 3	19 48	22 53	0 37	16 23	0 51	2 29	2 22	1 10	0 16	10 36	1 43	0 35	2 43	9 15	0 25	21 37	0 30	17 18	17 14	23 46	23 44	24 9		n.a.
M 4	19 34	24 11	0n27	15 45	0 44	2 2	2 29	1 27	0 17	10 38	1 43	0 35	2 43	9 16	0 25	21 37	0 30	17 18	17 14	23 46	23 44	24 9		n.a.
T 5	19 20	24 22	1 30	15 8	0 38	1 34	2 37	1 44	0 18	10 41	1 43	0 34	2 43	9 16	0 25	21 38	0 30	17 19	17 14	23 46	23 44	24 9		n.a.
W 6	19 6	23 28	2 29	14 30	0 31	1 7	2 45	2 1	0 18	10 43	1 43	0 34	2 44	9 17	0 25	21 38	0 30	17 20	17 14	23 46	23 44	24 8		n.a.
T 7	18 51	21 30	3 22	13 52	0 24	0 40	2 53	2 18	0 19	10 45	1 44	0 33	2 44	9 17	0 25	21 38	0 30	17 20	17 15	23 46	23 44	24 8		n.a.
F 8	18 36	18 36	4 6	13 13	0 17	0 14	3 1	2 35	0 20	10 48	1 44	0 32	2 44	9 18	0 25	21 39	0 30	17 21	17 15	23 46	23 43	24 8		n.a.
S 9	18 21	14 54	4 40	12 35	0 10	0s13	3 9	2 53	0 21	10 50	1 44	0 32	2 44	9 19	0 25	21 39	0 30	17 21	17 15	23 45	23 43	24 7		n.a.
S 10	18 5	10 33	5 1	11 56	0 2	0 40	3 17	3 10	0 22	10 53	1 44	0 31	2 45	9 19	0 25	21 39	0 30	17 22	17 15	23 45	23 43	24 7		n.a.
M11	17 49	5 43	5 9	11 17	0s 5	1 6	3 25	3 27	0 23	10 56	1 44	0 30	2 45	9 20	0 25	21 40	0 30	17 22	17 16	23 45	23 43	24 7		n.a.
T 12	17 33	0 36	5 2	10 37	0 13	1 32	3 33	3 44	0 24	10 58	1 45	0 29	2 45	9 20	0 25	21 40	0 30	17 23	17 16	23 45	23 43	24 6		n.a.
W13	17 16	4s40	4 40	9 58	0 21	1 57	3 41	4 1	0 24	11 1	1 45	0 28	2 45	9 21	0 25	21 40	0 30	17 23	17 16	23 45	23 43	24 6		n.a.
T 14	16 59	9 51	4 3	9 19	0 29	2 23	3 50	4 19	0 25	11 4	1 45	0 27	2 46	9 22	0 25	21 41	0 30	17 24	17 16	23 45	23 43	24 6		n.a.
F 15	16 42	14 42	3 13	8 40	0 37	2 48	3 58	4 36	0 26	11 7	1 45	0 26	2 46	9 22	0 25	21 41	0 30	17 24	17 17	23 45	23 43	24 5		n.a.
S 16	16 25	18 57	2 9	8 1	0 45	3 12	4 6	4 53	0 27	11 9	1 45	0 25	2 46	9 23	0 25	21 41	0 30	17 25	17 17	23 45	23 43	24 5		n.a.
S 17	16 7	22 12	0 57	7 23	0 53	3 37	4 15	5 10	0 28	11 12	1 46	0 24	2 46	9 24	0 25	21 41	0 30	17 25	17 17	23 45	23 43	24 5		n.a.
M18	15 49	24 7	0s21	6 44	1 1	4 1	4 23	5 28	0 28	11 15	1 46	0 23	2 47	9 25	0 25	21 42	0 30	17 26	17 17	23 45	23 43	24 4		n.a.
T 19	15 31	24 23	1 39	6 6	1 9	4 24	4 32	5 45	0 29	11 18	1 46	0 22	2 47	9 25	0 25	21 42	0 30	17 26	17 17	23 45	23 42	24 4		n.a.
W20	15 12	22 52	2 52	5 28	1 17	4 47	4 40	6 2	0 30	11 21	1 46	0 21	2 47	9 26	0 25	21 42	0 30	17 27	17 18	23 45	23 42	24 3		n.a.
T 21	14 53	19 43	3 52	4 51	1 25	5 10	4 49	6 19	0 31	11 24	1 46	0 20	2 47	9 27	0 25	21 43	0 30	17 27	17 18	23 45	23 42	24 3		n.a.
F 22	14 34	15 16	4 36	4 14	1 33	5 32	4 58	6 37	0 32	11 27	1 46	0 18	2 48	9 28	0 25	21 43	0 30	17 28	17 18	23 45	23 42	24 3		n.a.
S 23	14 15	9 57	5 1	3 37	1 41	5 53	5 6	6 54	0 32	11 30	1 46	0 17	2 48	9 28	0 25	21 43	0 30	17 29	17 18	23 45	23 42	24 2		n.a.
S 24	13 55	4 14	5 5	3 1	1 49	6 14	5 15	7 11	0 33	11 33	1 46	0 16	2 48	9 29	0 25	21 43	0 30	17 29	17 18	23 44	23 42	24 2		n.a.
M25	13 36	1n32	4 51	2 26	1 57	6 35	5 23	7 28	0 34	11 36	1 47	0 14	2 48	9 30	0 25	21 44	0 30	17 30	17 19	23 44	23 42	24 1		n.a.
T 26	13 16	7 3	4 21	1 51	2 4	6 55	5 32	7 45	0 35	11 39	1 47	0 13	2 49	9 31	0 25	21 44	0 30	17 30	17 19	23 44	23 42	24 1		n.a.
W27	12 55	12 4	3 38	1 18	2 12	7 14	5 40	8 2	0 35	11 42	1 47	0 12	2 49	9 32	0 25	21 44	0 30	17 31	17 19	23 44	23 42	24 0		n.a.
T 28	12 35	16 25	2 46	0 45	2 19	7 32	5 49	8 19	0 36	11 45	1 47	0 10	2 49	9 33	0 25	21 45	0 30	17 31	17 19	23 44	23 41	24 0		n.a.
F 29	12 14	19 56	1 47	0 13	2 27	7 50	5 57	8 36	0 37	11 48	1 47	0 9	2 49	9 34	0 25	21 45	0 30	17 32	17 19	23 44	23 41	24 0		n.a.
S 30	11 53	22 32	0 45	0s17	2 34	8 7	6 5	8 53	0 37	11 51	1 47	0 7	2 49	9 35	0 25	21 45	0 30	17 32	17 19	23 44	23 41	23 59		n.a.
S 31	11n32	24n 5	0n19	0s47	2s40	8s24	6s14	9s10	0s38	11s54	1s47	0n 6	2s50	9s36	0n25	21s45	0s30	17s33	17s20	23n44	23n41	23n59		n.a.

Julian Day Number = 1493719.5, Delta T = 05h12m34s
Ecliptic obliquity = 23°46'14, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°41'00, Lahiri = -12°34'00 Julian Calendar 1 Aug. 624 BCE == Greg. Calendar 25 July 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

SEPTEMBER 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 13 1	1♍13'51	12♋11	26♍46	7♎ 2	22♎27	3°R42	6°R37	25♎30	25°R50	25°R40	26°R53	25♊14	24♋45	n.a.	M 1
T 2	22 16 58	2°13'10	23°58	27°38	7°20	23°10	3♓34	6♈34	25°32	25♑49	25♓39	26♊49	25°11	24°51	n.a.	T 2
W 3	22 20 54	3°12'31	5♌49	28°26	7°36	23°53	3°26	6°30	25°35	25°48	25°38	26°43	25° 8	24°58	n.a.	W 3
T 4	22 24 51	4°11'55	17°46	29°11	7°51	24°36	3°18	6°26	25°37	25°46	25°37	26°34	25° 4	25° 5	n.a.	T 4
F 5	22 28 48	5°11'20	29°51	29°51	8° 3	25°20	3°10	6°22	25°40	25°45	25°36	26°23	25° 1	25°11	n.a.	F 5
S 6	22 32 44	6°10'48	12♍ 6	0♎27	8°13	26° 3	3° 2	6°19	25°43	25°44	25°35	26°10	24°58	25°18	n.a.	S 6
S 7	22 36 41	7°10'18	24°31	0°59	8°21	26°47	2°53	6°15	25°45	25°43	25°34	25°57	24°55	25°25	n.a.	S 7
M 8	22 40 37	8° 9'50	7♎ 7	1°25	8°27	27°30	2°45	6°11	25°48	25°42	25°33	25°45	24°52	25°31	n.a.	M 8
T 9	22 44 34	9° 9'24	19°54	1°45	8°30	28°14	2°37	6° 7	25°51	25°41	25°32	25°34	24°49	25°38	n.a.	T 9
W10	22 48 30	10° 8'59	2♏52	1°59	8°R31	28°57	2°30	6° 3	25°54	25°40	25°31	25°27	24°45	25°45	n.a.	W10
T 11	22 52 27	11° 8'37	16° 3	2°R 6	8°30	29°41	2°22	5°58	25°57	25°39	25°29	25°22	24°42	25°51	n.a.	T 11
F 12	22 56 23	12° 8'17	29°28	2° 6	8°27	0♏25	2°14	5°54	26° 0	25°38	25°28	25°20	24°39	25°58	n.a.	F 12
S 13	23 0 20	13° 7'59	13♐ 8	1°58	8°21	1° 9	2° 6	5°50	26° 3	25°37	25°27	25°D19	24°36	26° 5	n.a.	S 13
S 14	23 4 16	14° 7'42	27° 4	1°41	8°12	1°53	1°58	5°46	26° 6	25°36	25°26	25°R19	24°33	26°11	n.a.	S 14
M15	23 8 13	15° 7'27	11♑18	1°17	8° 2	2°37	1°51	5°41	26° 9	25°35	25°25	25°18	24°30	26°18	n.a.	M15
T 16	23 12 10	16° 7'14	25°47	0°43	7°48	3°21	1°43	5°37	26°12	25°34	25°24	25°16	24°26	26°25	n.a.	T 16
W17	23 16 6	17° 7'03	10♒29	0° 1	7°33	4° 5	1°35	5°32	26°15	25°33	25°23	25°10	24°23	26°31	n.a.	W17
T 18	23 20 3	18° 6'54	25°17	29♍10	7°15	4°50	1°28	5°28	26°18	25°32	25°22	25° 2	24°20	26°38	n.a.	T 18
F 19	23 23 59	19° 6'47	10♓ 5	28°12	6°54	5°34	1°21	5°23	26°21	25°31	25°20	24°52	24°17	26°45	n.a.	F 19
S 20	23 27 56	20° 6'41	24°43	27° 6	6°32	6°18	1°13	5°19	26°24	25°30	25°19	24°40	24°14	26°51	n.a.	S 20
S 21	23 31 52	21° 6'38	9♈ 4	25°55	6° 7	7° 3	1° 6	5°14	26°27	25°30	25°18	24°28	24°10	26°58	n.a.	S 21
M22	23 35 49	22° 6'36	23° 2	24°41	5°41	7°47	0°59	5° 9	26°30	25°29	25°17	24°17	24° 7	27° 5	n.a.	M22
T 23	23 39 45	23° 6'37	6♉34	23°24	5°12	8°32	0°52	5° 4	26°34	25°28	25°16	24° 9	24° 4	27°11	n.a.	T 23
W24	23 43 42	24° 6'40	19°39	22° 8	4°42	9°17	0°46	5° 0	26°37	25°28	25°15	24° 3	24° 1	27°18	n.a.	W24
T 25	23 47 39	25° 6'46	2♊20	20°55	4°10	10° 1	0°39	4°55	26°40	25°27	25°14	24° 0	23°58	27°25	n.a.	T 25
F 26	23 51 35	26° 6'54	14°39	19°47	3°37	10°46	0°32	4°50	26°44	25°26	25°12	23°58	23°55	27°31	n.a.	F 26
S 27	23 55 32	27° 7'03	26°43	18°47	3° 3	11°31	0°26	4°45	26°47	25°26	25°11	23°58	23°51	27°38	n.a.	S 27
S 28	23 59 28	28° 7'16	8♋36	17°55	2°28	12°16	0°20	4°40	26°50	25°25	25°10	23°58	23°48	27°45	n.a.	S 28
M29	0 3 25	29° 7'30	20°24	17°13	1°52	13° 1	0°13	4°36	26°54	25°25	25° 9	23°57	23°45	27°51	n.a.	M29
T 30	0 7 21	0♎ 7'46	2♌13	16♍43	1♎16	13♏46	0♓ 7	4♈31	26♎57	25♑24	25♓ 8	23♊53	23♊42	27♋58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n11	24n33	1n21	1s15	2s47	8s39	6s22	9s27	0s39	11s57	1s47	0n 4	2s50	9s37	0n25	21s46	0s30	17s33	17s20	23n44	23n41	23n58		n.a.
T 2	10 50	23 54	2 19	1 41	2 53	8 54	6 30	9 44	0 39	12 0	1 47	0 3	2 50	9 37	0 25	21 46	0 30	17 34	17 20	23 44	23 41	23 58		n.a.
W 3	10 28	22 10	3 12	2 6	2 59	9 7	6 37	10 1	0 40	12 3	1 47	0 1	2 50	9 38	0 25	21 46	0 30	17 34	17 20	23 44	23 41	23 57		n.a.
T 4	10 6	19 27	3 56	2 29	3 4	9 20	6 45	10 18	0 41	12 6	1 47	0s 1	2 50	9 39	0 25	21 46	0 30	17 35	17 20	23 44	23 41	23 57		n.a.
F 5	9 44	15 53	4 30	2 50	3 9	9 32	6 52	10 34	0 42	12 9	1 47	0 2	2 50	9 40	0 25	21 46	0 30	17 36	17 20	23 43	23 41	23 56		n.a.
S 6	9 22	11 37	4 53	3 8	3 14	9 42	7 0	10 51	0 42	12 12	1 47	0 4	2 51	9 41	0 25	21 47	0 30	17 36	17 20	23 43	23 40	23 56		n.a.
S 7	9 0	6 48	5 1	3 24	3 17	9 52	7 7	11 8	0 43	12 15	1 47	0 6	2 51	9 42	0 25	21 47	0 30	17 37	17 20	23 42	23 40	23 55		n.a.
M 8	8 37	1 39	4 56	3 37	3 20	10 0	7 13	11 24	0 44	12 18	1 47	0 7	2 51	9 44	0 25	21 47	0 30	17 37	17 21	23 42	23 40	23 55		n.a.
T 9	8 15	3s39	4 35	3 48	3 22	10 8	7 20	11 41	0 44	12 21	1 47	0 9	2 51	9 45	0 24	21 47	0 30	17 38	17 21	23 42	23 40	23 54		n.a.
W10	7 52	8 53	4 0	3 54	3 24	10 14	7 26	11 57	0 45	12 23	1 47	0 11	2 51	9 46	0 24	21 47	0 30	17 38	17 21	23 41	23 40	23 54		n.a.
T 11	7 29	13 49	3 12	3 57	3 24	10 18	7 31	12 13	0 45	12 26	1 47	0 13	2 51	9 47	0 24	21 48	0 30	17 39	17 21	23 41	23 40	23 53		n.a.
F 12	7 6	18 10	2 12	3 56	3 23	10 22	7 36	12 30	0 46	12 29	1 47	0 15	2 52	9 48	0 24	21 48	0 30	17 39	17 21	23 41	23 40	23 53		n.a.
S 13	6 43	21 38	1 4	3 51	3 21	10 24	7 41	12 46	0 47	12 32	1 47	0 16	2 52	9 49	0 24	21 48	0 30	17 40	17 21	23 41	23 40	23 52		n.a.
S 14	6 20	23 54	0s 9	3 41	3 17	10 24	7 46	13 2	0 47	12 35	1 47	0 18	2 52	9 50	0 24	21 48	0 30	17 40	17 21	23 41	23 39	23 52		n.a.
M15	5 56	24 40	1 24	3 27	3 12	10 23	7 49	13 18	0 48	12 37	1 47	0 20	2 52	9 51	0 24	21 48	0 30	17 41	17 21	23 41	23 39	23 51		n.a.
T 16	5 33	23 48	2 34	3 7	3 5	10 21	7 53	13 34	0 48	12 40	1 47	0 22	2 52	9 52	0 24	21 49	0 30	17 41	17 21	23 41	23 39	23 50		n.a.
W17	5 9	21 17	3 34	2 42	2 56	10 17	7 55	13 49	0 49	12 43	1 47	0 24	2 52	9 53	0 24	21 49	0 30	17 42	17 21	23 41	23 39	23 50		n.a.
T 18	4 46	17 22	4 21	2 11	2 45	10 11	7 57	14 5	0 50	12 45	1 47	0 26	2 52	9 55	0 24	21 49	0 30	17 42	17 21	23 41	23 39	23 49		n.a.
F 19	4 22	12 22	4 51	1 36	2 33	10 4	7 58	14 21	0 50	12 48	1 46	0 28	2 52	9 56	0 24	21 49	0 30	17 43	17 21	23 40	23 39	23 49		n.a.
S 20	3 58	6 43	5 0	0 57	2 18	9 56	7 59	14 36	0 51	12 50	1 46	0 30	2 52	9 57	0 24	21 49	0 30	17 43	17 21	23 40	23 39	23 48		n.a.
S 21	3 34	0 48	4 51	0 13	2 2	9 46	7 59	14 52	0 51	12 53	1 46	0 32	2 52	9 58	0 24	21 49	0 30	17 44	17 21	23 39	23 38	23 47		n.a.
M22	3 10	5n 0	4 24	0n33	1 44	9 34	7 57	15 7	0 52	12 55	1 46	0 34	2 53	9 59	0 24	21 49	0 30	17 44	17 21	23 39	23 38	23 47		n.a.
T 23	2 46	10 24	3 43	1 22	1 25	9 21	7 56	15 22	0 52	12 58	1 46	0 35	2 53	10 1	0 24	21 50	0 30	17 45	17 21	23 38	23 38	23 46		n.a.
W24	2 22	15 9	2 51	2 10	1 5	9 6	7 53	15 37	0 53	13 0	1 46	0 37	2 53	10 2	0 24	21 50	0 30	17 45	17 21	23 38	23 38	23 46		n.a.
T 25	1 58	19 5	1 52	2 58	0 44	8 50	7 49	15 52	0 54	13 2	1 46	0 39	2 53	10 3	0 24	21 50	0 30	17 45	17 21	23 38	23 38	23 45		n.a.
F 26	1 34	22 4	0 49	3 44	0 24	8 32	7 45	16 7	0 54	13 5	1 46	0 41	2 53	10 4	0 24	21 50	0 30	17 46	17 21	23 38	23 38	23 44		n.a.
S 27	1 10	23 58	0n15	4 27	0 3	8 14	7 39	16 22	0 55	13 7	1 45	0 43	2 53	10 5	0 24	21 50	0 30	17 46	17 21	23 38	23 38	23 44		n.a.
S 28	0 45	24 46	1 17	5 5	0n16	7 54	7 33	16 36	0 55	13 9	1 45	0 45	2 53	10 7	0 24	21 50	0 30	17 47	17 21	23 38	23 37	23 43		n.a.
M29	0 21	24 25	2 15	5 39	0 35	7 33	7 26	16 51	0 56	13 11	1 45	0 47	2 53	10 8	0 24	21 50	0 30	17 47	17 21	23 38	23 37	23 42		n.a.
T 30	0s 3	22n59	3n 8	6n 6	0n52	7s11	7s18	17s 5	0s56	13s13	1s45	0s49	2s53	10s 9	0n24	21s50	0s30	17s48	17s21	23n38	23n37	23n42		n.a.

Julian Day Number = 1493750.5, Delta T = 05h12m33s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'56, Lahiri = -12°33'56 Julian Calendar 1 Sept. 624 BCE == Greg. Calendar 25 Aug. 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

OCTOBER 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 11 18	1♎ 8'05	14♌ 6	16°R25	0°R40	14♏31	0°R 1	4°R26	27♎ 0	25°R24	25°R 7	23°R46	23♊39	28♋ 5	n.a.	W 1
T 2	0 15 14	2° 8'26	26° 9	16°D17	0♎ 3	15°16	29♒56	4♈21	27° 4	25♉23	25♓ 6	23♊37	23°36	28°12	n.a.	T 2
F 3	0 19 11	3° 8'48	8♍23	16♍22	29♍27	16° 2	29°50	4°16	27° 7	25°23	25° 4	23°26	23°32	28°18	n.a.	F 3
S 4	0 23 7	4° 9'13	20°51	16°37	28°52	16°47	29°45	4°11	27°11	25°23	25° 3	23°12	23°29	28°25	n.a.	S 4
S 5	0 27 4	5° 9'39	3♎33	17° 2	28°17	17°32	29°40	4° 6	27°14	25°22	25° 2	22°58	23°26	28°32	n.a.	S 5
M 6	0 31 1	6°10'07	16°29	17°36	27°44	18°18	29°35	4° 1	27°18	25°22	25° 1	22°45	23°23	28°38	n.a.	M 6
T 7	0 34 57	7°10'37	29°37	18°19	27°11	19° 3	29°30	3°56	27°21	25°22	25° 0	22°34	23°20	28°45	n.a.	T 7
W 8	0 38 54	8°11'08	12♏57	19° 9	26°40	19°49	29°25	3°51	27°25	25°21	24°59	22°26	23°16	28°52	n.a.	W 8
T 9	0 42 50	9°11'41	26°26	20° 6	26°11	20°34	29°20	3°46	27°28	25°21	24°58	22°21	23°13	28°58	n.a.	T 9
F 10	0 46 47	10°12'16	10♐ 4	21° 8	25°43	21°20	29°16	3°42	27°32	25°21	24°57	22°18	23°10	29° 5	n.a.	F 10
S 11	0 50 43	11°12'52	23°51	22°16	25°17	22° 6	29°12	3°37	27°36	25°21	24°56	22°D18	23° 7	29°12	n.a.	S 11
S 12	0 54 40	12°13'29	7♑47	23°28	24°53	22°52	29° 8	3°32	27°39	25°21	24°54	22°R18	23° 4	29°18	n.a.	S 12
M13	0 58 36	13°14'08	21°51	24°43	24°32	23°37	29° 4	3°27	27°43	25°21	24°53	22°18	23° 1	29°25	n.a.	M13
T 14	1 2 33	14°14'48	6♒ 3	26° 2	24°12	24°23	29° 1	3°22	27°47	25°D21	24°52	22°16	22°57	29°32	n.a.	T 14
W15	1 6 30	15°15'29	20°22	27°23	23°55	25° 9	28°57	3°18	27°50	25°21	24°51	22°11	22°54	29°38	n.a.	W15
T 16	1 10 26	16°16'12	4♓44	28°47	23°41	25°55	28°54	3°13	27°54	25°21	24°50	22° 4	22°51	29°45	n.a.	T 16
F 17	1 14 23	17°16'55	19° 4	0♎13	23°29	26°41	28°51	3° 8	27°57	25°21	24°49	21°55	22°48	29°52	n.a.	F 17
S 18	1 18 19	18°17'40	3♈18	1°40	23°19	27°27	28°48	3° 3	28° 1	25°21	24°48	21°45	22°45	29°58	n.a.	S 18
S 19	1 22 16	19°18'26	17°19	3° 8	23°12	28°13	28°45	2°59	28° 5	25°21	24°47	21°34	22°41	0♌ 5	n.a.	S 19
M20	1 26 12	20°19'14	1♉ 2	4°38	23° 7	28°59	28°43	2°54	28° 9	25°21	24°46	21°24	22°38	0°12	n.a.	M20
T 21	1 30 9	21°20'03	14°25	6° 8	23°D 5	29°45	28°41	2°50	28°12	25°22	24°45	21°16	22°35	0°18	n.a.	T 21
W22	1 34 5	22°20'54	27°26	7°39	23° 5	0♐32	28°39	2°45	28°16	25°22	24°44	21°11	22°32	0°25	n.a.	W22
T 23	1 38 2	23°21'46	10♊ 5	9°11	23° 8	1°18	28°37	2°41	28°20	25°22	24°43	21° 8	22°29	0°32	n.a.	T 23
F 24	1 41 59	24°22'40	22°25	10°43	23°13	2° 4	28°35	2°36	28°23	25°22	24°42	21°D 8	22°26	0°38	n.a.	F 24
S 25	1 45 55	25°23'35	4♋31	12°16	23°20	2°51	28°34	2°32	28°27	25°23	24°41	21° 8	22°22	0°45	n.a.	S 25
S 26	1 49 52	26°24'32	16°25	13°49	23°30	3°37	28°33	2°28	28°31	25°23	24°40	21° 9	22°19	0°52	n.a.	S 26
M27	1 53 48	27°25'30	28°15	15°22	23°42	4°23	28°32	2°24	28°34	25°24	24°39	21°R10	22°16	0°58	n.a.	M27
T 28	1 57 45	28°26'29	10♌ 5	16°55	23°56	5°10	28°31	2°19	28°38	25°24	24°38	21° 9	22°13	1° 5	n.a.	T 28
W29	2 1 41	29°27'30	22° 0	18°28	24°13	5°56	28°30	2°15	28°42	25°25	24°37	21° 6	22°10	1°12	n.a.	W29
T 30	2 5 38	0♏28'33	4♍ 6	20° 2	24°31	6°43	28°30	2°11	28°46	25°25	24°36	21° 1	22° 7	1°18	n.a.	T 30
F 31	2 9 34	1♏29'36	16♍25	21♎35	24♍51	7♐29	28°D30	2♈ 7	28♎49	25♉26	24♓36	20♊54	22♊ 3	1♌25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0s27	20n31	3n52	6n28	1n 7	6s48	7s 9	17s19	0s57	13s15	1s45	0s51	2s53	10s10	0n24	21s50	0s30	17s48	17s21	23n37	23n37	23n41			n.a.
T 2	0 52	17 9	4 27	6 43	1 21	6 25	6 59	17 33	0 57	13 17	1 44	0 53	2 53	10 12	0 24	21 51	0 30	17 48	17 21	23 37	23 37	23 40			n.a.
F 3	1 16	13 0	4 50	6 53	1 33	6 1	6 49	17 47	0 57	13 18	1 44	0 55	2 53	10 13	0 24	21 51	0 30	17 49	17 21	23 36	23 37	23 40			n.a.
S 4	1 40	8 15	5 0	6 56	1 43	5 36	6 37	18 0	0 58	13 20	1 44	0 57	2 53	10 14	0 24	21 51	0 30	17 49	17 21	23 36	23 36	23 39			n.a.
S 5	2 5	3 4	4 55	6 54	1 52	5 11	6 26	18 14	0 58	13 22	1 44	0 59	2 53	10 16	0 24	21 51	0 30	17 50	17 21	23 35	23 36	23 38			n.a.
M 6	2 29	2s20	4 35	6 47	1 59	4 46	6 13	18 27	0 59	13 24	1 44	1 1	2 53	10 17	0 24	21 51	0 30	17 50	17 21	23 34	23 36	23 38			n.a.
T 7	2 53	7 44	4 1	6 36	2 5	4 22	6 0	18 40	0 59	13 25	1 43	1 3	2 53	10 18	0 24	21 51	0 30	17 50	17 21	23 34	23 36	23 37			n.a.
W 8	3 17	12 53	3 12	6 20	2 9	3 57	5 47	18 54	1 0	13 27	1 43	1 5	2 53	10 19	0 24	21 51	0 30	17 51	17 21	23 33	23 36	23 36			n.a.
T 9	3 42	17 29	2 13	6 0	2 12	3 32	5 33	19 6	1 0	13 28	1 43	1 7	2 53	10 21	0 24	21 51	0 30	17 51	17 21	23 33	23 36	23 36			n.a.
F 10	4 6	21 12	1 4	5 36	2 14	3 8	5 19	19 19	1 1	13 29	1 43	1 9	2 53	10 22	0 24	21 51	0 30	17 51	17 20	23 33	23 36	23 35			n.a.
S 11	4 30	23 46	0s 8	5 10	2 15	2 44	5 4	19 32	1 1	13 31	1 42	1 11	2 53	10 23	0 24	21 51	0 30	17 52	17 20	23 33	23 35	23 34			n.a.
S 12	4 54	24 54	1 21	4 41	2 15	2 21	4 49	19 44	1 1	13 32	1 42	1 13	2 53	10 25	0 24	21 51	0 30	17 52	17 20	23 33	23 35	23 33			n.a.
M13	5 18	24 26	2 30	4 10	2 14	1 59	4 34	19 56	1 2	13 33	1 42	1 14	2 53	10 26	0 24	21 51	0 30	17 52	17 20	23 33	23 35	23 33			n.a.
T 14	5 42	22 25	3 30	3 37	2 12	1 38	4 19	20 8	1 2	13 34	1 42	1 16	2 52	10 27	0 24	21 51	0 30	17 53	17 20	23 32	23 35	23 32			n.a.
W15	6 5	18 58	4 18	3 2	2 10	1 17	4 4	20 20	1 3	13 35	1 41	1 18	2 52	10 29	0 24	21 51	0 30	17 53	17 20	23 32	23 35	23 31			n.a.
T 16	6 29	14 23	4 49	2 25	2 6	0 57	3 49	20 31	1 3	13 36	1 41	1 20	2 52	10 30	0 24	21 51	0 30	17 53	17 20	23 32	23 34	23 30			n.a.
F 17	6 53	9 1	5 3	1 47	2 3	0 39	3 34	20 43	1 3	13 37	1 41	1 22	2 52	10 31	0 24	21 51	0 30	17 54	17 19	23 31	23 34	23 30			n.a.
S 18	7 16	3 12	4 57	1 9	1 59	0 21	3 19	20 54	1 4	13 37	1 41	1 24	2 52	10 33	0 24	21 51	0 30	17 54	17 19	23 31	23 34	23 29			n.a.
S 19	7 40	2n41	4 33	0 29	1 54	0 4	3 4	21 5	1 4	13 38	1 40	1 25	2 52	10 34	0 24	21 51	0 30	17 54	17 19	23 30	23 34	23 28			n.a.
M20	8 3	8 20	3 54	0s12	1 50	0n11	2 49	21 15	1 4	13 39	1 40	1 27	2 52	10 35	0 24	21 51	0 30	17 54	17 19	23 29	23 34	23 27			n.a.
T 21	8 26	13 28	3 3	0 53	1 44	0 25	2 35	21 26	1 5	13 39	1 40	1 29	2 52	10 37	0 24	21 51	0 30	17 55	17 19	23 29	23 34	23 26			n.a.
W22	8 49	17 51	2 3	1 34	1 39	0 38	2 21	21 36	1 5	13 40	1 40	1 30	2 52	10 38	0 24	21 51	0 30	17 55	17 19	23 28	23 33	23 26			n.a.
T 23	9 12	21 18	0 59	2 16	1 33	0 50	2 6	21 46	1 5	13 40	1 39	1 32	2 51	10 39	0 24	21 51	0 30	17 55	17 18	23 28	23 33	23 25			n.a.
F 24	9 35	23 40	0n 7	2 58	1 27	1 0	1 53	21 56	1 6	13 40	1 39	1 34	2 51	10 41	0 24	21 51	0 30	17 55	17 18	23 28	23 33	23 24			n.a.
S 25	9 57	24 53	1 11	3 40	1 21	1 10	1 39	22 6	1 6	13 40	1 39	1 35	2 51	10 42	0 24	21 51	0 30	17 56	17 18	23 28	23 33	23 23			n.a.
S 26	10 20	24 55	2 12	4 22	1 15	1 18	1 26	22 15	1 6	13 41	1 38	1 37	2 51	10 43	0 24	21 50	0 30	17 56	17 18	23 28	23 33	23 22			n.a.
M27	10 42	23 50	3 6	5 5	1 9	1 25	1 13	22 24	1 6	13 41	1 38	1 39	2 51	10 45	0 24	21 50	0 30	17 56	17 18	23 28	23 32	23 22			n.a.
T 28	11 4	21 41	3 52	5 47	1 2	1 31	1 1	22 33	1 7	13 41	1 38	1 40	2 51	10 46	0 24	21 50	0 30	17 56	17 17	23 28	23 32	23 21			n.a.
W29	11 26	18 36	4 29	6 29	0 55	1 35	0 48	22 42	1 7	13 41	1 38	1 42	2 51	10 48	0 24	21 50	0 30	17 56	17 17	23 28	23 32	23 20			n.a.
T 30	11 48	14 42	4 54	7 11	0 49	1 39	0 37	22 50	1 7	13 40	1 37	1 43	2 50	10 49	0 24	21 50	0 30	17 57	17 17	23 28	23 32	23 19			n.a.
F 31	12s 9	10n 7	5n 6	7s53	0n42	1n41	0s25	22s58	1s 7	13s40	1s37	1s44	2s50	10s50	0n24	21s50	0s30	17s57	17s17	23n27	23n32	23n18			n.a.

Julian Day Number = 1493780.5, Delta T = 05h12m31s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'52, Lahiri = -12°33'52 Julian Calendar 1 Oct. 624 BCE == Greg. Calendar 24 Sept. 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

NOVEMBER 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 13 31	2♏30'41	29♍ 2	23♎ 9	25♍13	8♐16	28♒30	2°R 3	28♎53	25♑26	24°R35	20°R45	22♊ 0	1♌32	n.a.	S 1
S 2	2 17 28	3°31'46	11♎57	24°43	25°38	9° 3	28°30	2♈ 0	28°57	25°27	24♓34	20♊36	21°57	1°38	n.a.	S 2
M 3	2 21 24	4°32'53	25°10	26°16	26° 3	9°49	28°31	1°56	29° 0	25°28	24°33	20°28	21°54	1°45	n.a.	M 3
T 4	2 25 21	5°34'01	8♏40	27°50	26°31	10°36	28°31	1°52	29° 4	25°28	24°32	20°21	21°51	1°52	n.a.	T 4
W 5	2 29 17	6°35'10	22°25	29°24	27° 0	11°23	28°32	1°49	29° 8	25°29	24°31	20°15	21°47	1°58	n.a.	W 5
T 6	2 33 14	7°36'19	6♐21	0♏58	27°31	12°10	28°33	1°45	29°12	25°30	24°31	20°12	21°44	2° 5	n.a.	T 6
F 7	2 37 10	8°37'30	20°24	2°32	28° 4	12°57	28°35	1°42	29°15	25°31	24°30	20°D12	21°41	2°12	n.a.	F 7
S 8	2 41 7	9°38'40	4♑32	4° 6	28°37	13°43	28°36	1°38	29°19	25°31	24°29	20°12	21°38	2°18	n.a.	S 8
S 9	2 45 3	10°39'52	18°42	5°40	29°13	14°30	28°38	1°35	29°23	25°32	24°28	20°14	21°35	2°25	n.a.	S 9
M10	2 49 0	11°41'03	2♒52	7°14	29°49	15°17	28°40	1°32	29°26	25°33	24°27	20°15	21°32	2°32	n.a.	M10
T 11	2 52 57	12°42'15	17° 0	8°48	0♎27	16° 4	28°42	1°29	29°30	25°34	24°27	20°R15	21°28	2°39	n.a.	T 11
W12	2 56 53	13°43'28	1♓ 5	10°22	1° 7	16°51	28°44	1°26	29°34	25°35	24°26	20°14	21°25	2°45	n.a.	W12
T 13	3 0 50	14°44'40	15° 5	11°56	1°47	17°38	28°47	1°23	29°37	25°36	24°25	20°11	21°22	2°52	n.a.	T 13
F 14	3 4 46	15°45'53	28°58	13°31	2°29	18°25	28°50	1°20	29°41	25°37	24°25	20° 6	21°19	2°59	n.a.	F 14
S 15	3 8 43	16°47'05	12♈43	15° 5	3°12	19°12	28°53	1°18	29°44	25°38	24°24	20° 1	21°16	3° 5	n.a.	S 15
S 16	3 12 39	17°48'19	26°15	16°40	3°56	19°59	28°56	1°15	29°48	25°39	24°23	19°55	21°13	3°12	n.a.	S 16
M17	3 16 36	18°49'32	9♉34	18°15	4°41	20°46	28°59	1°13	29°52	25°40	24°23	19°50	21° 9	3°19	n.a.	M17
T 18	3 20 33	19°50'46	22°38	19°50	5°27	21°33	29° 3	1°10	29°55	25°42	24°22	19°46	21° 6	3°25	n.a.	T 18
W19	3 24 29	20°52'00	5♊25	21°25	6°14	22°20	29° 6	1° 8	29°59	25°43	24°22	19°44	21° 3	3°32	n.a.	W19
T 20	3 28 26	21°53'15	17°56	23° 1	7° 1	23° 7	29°10	1° 6	0♏ 2	25°44	24°21	19°D43	21° 0	3°39	n.a.	T 20
F 21	3 32 22	22°54'30	0♋12	24°36	7°50	23°54	29°14	1° 4	0° 6	25°45	24°21	19°43	20°57	3°45	n.a.	F 21
S 22	3 36 19	23°55'46	12°17	26°12	8°40	24°41	29°19	1° 2	0° 9	25°46	24°20	19°45	20°53	3°52	n.a.	S 22
S 23	3 40 15	24°57'01	24°12	27°48	9°30	25°29	29°23	1° 0	0°13	25°48	24°20	19°47	20°50	3°59	n.a.	S 23
M24	3 44 12	25°58'18	6♌ 2	29°25	10°22	26°16	29°28	0°58	0°16	25°49	24°19	19°48	20°47	4° 5	n.a.	M24
T 25	3 48 8	26°59'34	17°52	1♐ 2	11°14	27° 3	29°33	0°56	0°19	25°50	24°19	19°49	20°44	4°12	n.a.	T 25
W26	3 52 5	28° 0'51	29°47	2°39	12° 7	27°50	29°38	0°55	0°23	25°52	24°18	19°R50	20°41	4°19	n.a.	W26
T 27	3 56 2	29° 2'08	11♍52	4°16	13° 0	28°37	29°43	0°53	0°26	25°53	24°18	19°49	20°38	4°25	n.a.	T 27
F 28	3 59 58	0♐ 3'25	24°10	5°53	13°54	29°24	29°48	0°52	0°30	25°55	24°17	19°48	20°34	4°32	n.a.	F 28
S 29	4 3 55	1° 4'42	6♎48	7°31	14°49	0♑12	29°54	0°51	0°33	25°56	24°17	19°45	20°31	4°39	n.a.	S 29
S 30	4 7 51	2♐ 6'00	19♎46	9♐ 9	15♎45	0♑59	29♒59	0♈50	0♏36	25♑58	24♓17	19♊43	20♊28	4♌45	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s31	5n 2	5n 4	8s34	0n35	1n43	0s14	23s 6	1s 8	13s40	1s37	1s46	2s50	10s52	0n24	21s50	0s30	17s57	17s17	23n27	23n32	23n17		n.a.
S 2	12 52	0s24	4 46	9 16	0 29	1 43	0 3	23 14	1 8	13 40	1 36	1 47	2 50	10 53	0 24	21 50	0 30	17 57	17 16	23 26	23 31	23 16		n.a.
M 3	13 13	5 57	4 13	9 56	0 22	1 42	0n 7	23 21	1 8	13 39	1 36	1 49	2 50	10 54	0 24	21 50	0 30	17 57	17 16	23 25	23 31	23 16		n.a.
T 4	13 34	11 21	3 25	10 37	0 15	1 40	0 18	23 28	1 8	13 39	1 36	1 50	2 49	10 56	0 24	21 49	0 30	17 57	17 16	23 25	23 31	23 15		n.a.
W 5	13 54	16 18	2 25	11 17	0 8	1 37	0 27	23 35	1 9	13 38	1 35	1 51	2 49	10 57	0 24	21 49	0 30	17 57	17 16	23 24	23 31	23 14		n.a.
T 6	14 14	20 27	1 14	11 57	0 2	1 34	0 37	23 42	1 9	13 37	1 35	1 52	2 49	10 58	0 24	21 49	0 30	17 57	17 15	23 24	23 31	23 13		n.a.
F 7	14 34	23 26	0s 1	12 36	0s 5	1 29	0 46	23 48	1 9	13 37	1 35	1 53	2 49	11 0	0 24	21 49	0 30	17 57	17 15	23 24	23 30	23 12		n.a.
S 8	14 54	24 59	1 17	13 14	0 12	1 23	0 55	23 54	1 9	13 36	1 35	1 55	2 49	11 1	0 24	21 49	0 30	17 58	17 15	23 24	23 30	23 11		n.a.
S 9	15 14	24 54	2 29	13 52	0 18	1 17	1 3	24 0	1 9	13 35	1 34	1 56	2 48	11 2	0 24	21 49	0 30	17 58	17 14	23 24	23 30	23 10		n.a.
M10	15 33	23 13	3 31	14 30	0 25	1 10	1 11	24 6	1 10	13 34	1 34	1 57	2 48	11 3	0 24	21 48	0 30	17 58	17 14	23 24	23 30	23 9		n.a.
T 11	15 52	20 5	4 21	15 7	0 31	1 1	1 19	24 11	1 10	13 33	1 34	1 58	2 48	11 5	0 24	21 48	0 30	17 58	17 14	23 24	23 30	23 8		n.a.
W12	16 11	15 49	4 54	15 43	0 37	0 53	1 27	24 16	1 10	13 32	1 33	1 59	2 48	11 6	0 24	21 48	0 30	17 58	17 14	23 24	23 29	23 7		n.a.
T 13	16 29	10 42	5 10	16 19	0 43	0 43	1 34	24 21	1 10	13 31	1 33	2 0	2 47	11 7	0 24	21 48	0 30	17 58	17 13	23 24	23 29	23 7		n.a.
F 14	16 47	5 6	5 8	16 54	0 49	0 32	1 41	24 25	1 10	13 29	1 33	2 1	2 47	11 9	0 24	21 48	0 30	17 58	17 13	23 24	23 29	23 6		n.a.
S 15	17 5	0n41	4 47	17 28	0 55	0 21	1 48	24 30	1 10	13 28	1 32	2 1	2 47	11 10	0 24	21 48	0 30	17 58	17 13	23 23	23 29	23 5		n.a.
S 16	17 23	6 22	4 11	18 1	1 1	0 9	1 54	24 33	1 10	13 27	1 32	2 2	2 47	11 11	0 24	21 47	0 30	17 58	17 12	23 23	23 28	23 4		n.a.
M17	17 40	11 41	3 22	18 34	1 6	0s 3	2 0	24 37	1 11	13 25	1 32	2 3	2 46	11 13	0 24	21 47	0 30	17 58	17 12	23 23	23 28	23 3		n.a.
T 18	17 57	16 23	2 23	19 5	1 12	0 16	2 6	24 40	1 11	13 24	1 32	2 4	2 46	11 14	0 24	21 47	0 30	17 58	17 12	23 22	23 28	23 2		n.a.
W19	18 13	20 14	1 18	19 36	1 17	0 30	2 11	24 43	1 11	13 22	1 31	2 4	2 46	11 15	0 24	21 47	0 30	17 58	17 12	23 22	23 28	23 1		n.a.
T 20	18 29	23 3	0 10	20 6	1 22	0 44	2 16	24 46	1 11	13 20	1 31	2 5	2 46	11 16	0 24	21 46	0 30	17 57	17 11	23 22	23 28	23 0		n.a.
F 21	18 45	24 44	0n57	20 35	1 27	0 59	2 21	24 49	1 11	13 19	1 31	2 6	2 45	11 18	0 24	21 46	0 29	17 57	17 11	23 22	23 27	22 59		n.a.
S 22	19 1	25 12	2 1	21 3	1 32	1 15	2 26	24 51	1 11	13 17	1 30	2 6	2 45	11 19	0 24	21 46	0 29	17 57	17 11	23 22	23 27	22 58		n.a.
S 23	19 16	24 30	2 58	21 30	1 36	1 31	2 31	24 53	1 11	13 15	1 30	2 7	2 45	11 20	0 24	21 46	0 29	17 57	17 10	23 22	23 27	22 57		n.a.
M24	19 31	22 42	3 48	21 56	1 40	1 47	2 35	24 54	1 11	13 13	1 30	2 7	2 44	11 21	0 24	21 45	0 29	17 57	17 10	23 22	23 27	22 56		n.a.
T 25	19 45	19 56	4 28	22 21	1 44	2 4	2 39	24 55	1 11	13 11	1 30	2 8	2 44	11 22	0 24	21 45	0 29	17 57	17 10	23 22	23 27	22 55		n.a.
W26	19 59	16 19	4 56	22 44	1 48	2 22	2 42	24 56	1 11	13 9	1 29	2 8	2 44	11 24	0 24	21 45	0 29	17 57	17 9	23 22	23 26	22 54		n.a.
T 27	20 13	12 0	5 12	23 7	1 51	2 40	2 46	24 57	1 11	13 7	1 29	2 8	2 44	11 25	0 24	21 45	0 29	17 57	17 9	23 22	23 26	22 53		n.a.
F 28	20 27	7 9	5 15	23 28	1 54	2 58	2 49	24 57	1 11	13 5	1 29	2 9	2 43	11 26	0 24	21 44	0 29	17 57	17 9	23 22	23 26	22 52		n.a.
S 29	20 40	1 52	5 2	23 48	1 57	3 16	2 52	24 58	1 11	13 2	1 28	2 9	2 43	11 27	0 24	21 44	0 29	17 56	17 8	23 22	23 26	22 51		n.a.
S 30	20s52	3s38	4n33	24s 6	2s 0	3s35	2n55	24s57	1s11	13s 0	1s28	2s 9	2s43	11s28	0n24	21s44	0s29	17s56	17s 8	23n22	23n25	22n50		n.a.

Julian Day Number = 1493811.5, Delta T = 05h12m30s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'48, Lahiri = -12°33'47 Julian Calendar 1 Nov. 624 BCE == Greg. Calendar 25 Oct. 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 624 BCE
geocentric

DECEMBER 624 BCE (-623) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 11 48	3♐ 7'17	3♏ 8	10♐48	16♎41	1♑46	0♓ 5	0°R49	0♏40	25♑59	24°R16	19°R40	20♊25	4♌52	n.a.	M 1
T 2	4 15 44	4° 8'35	16°52	12°26	17°37	2°33	0°12	0♈48	0°43	26° 1	24♓16	19♊38	20°22	4°59	n.a.	T 2
W 3	4 19 41	5° 9'52	0♐57	14° 5	18°35	3°21	0°18	0°47	0°46	26° 2	24°16	19°36	20°18	5° 6	n.a.	W 3
T 4	4 23 37	6°11'10	15°18	15°44	19°32	4° 8	0°24	0°46	0°49	26° 4	24°16	19°D36	20°15	5°12	n.a.	T 4
F 5	4 27 34	7°12'27	29°50	17°23	20°31	4°55	0°31	0°46	0°53	26° 6	24°15	19°36	20°12	5°19	n.a.	F 5
S 6	4 31 31	8°13'43	14♑28	19° 2	21°29	5°42	0°38	0°45	0°56	26° 7	24°15	19°36	20° 9	5°26	n.a.	S 6
S 7	4 35 27	9°14'59	29° 3	20°41	22°29	6°30	0°45	0°45	0°59	26° 9	24°15	19°37	20° 6	5°32	n.a.	S 7
M 8	4 39 24	10°16'14	13♒33	22°20	23°28	7°17	0°52	0°45	1° 2	26°11	24°15	19°38	20° 3	5°39	n.a.	M 8
T 9	4 43 20	11°17'28	27°52	23°59	24°28	8° 4	0°59	0°D45	1° 5	26°12	24°15	19°39	19°59	5°46	n.a.	T 9
W10	4 47 17	12°18'42	11♓58	25°37	25°29	8°51	1° 6	0°45	1° 8	26°14	24°14	19°R39	19°56	5°52	n.a.	W10
T 11	4 51 13	13°19'54	25°49	27°15	26°30	9°39	1°14	0°45	1°11	26°16	24°14	19°39	19°53	5°59	n.a.	T 11
F 12	4 55 10	14°21'06	9♈25	28°52	27°31	10°26	1°22	0°45	1°14	26°18	24°14	19°38	19°50	6° 6	n.a.	F 12
S 13	4 59 7	15°22'17	22°47	0♑28	28°33	11°13	1°30	0°46	1°17	26°19	24°14	19°38	19°47	6°12	n.a.	S 13
S 14	5 3 3	16°23'27	5♉54	2° 3	29°35	12° 0	1°38	0°46	1°20	26°21	24°14	19°37	19°44	6°19	n.a.	S 14
M15	5 7 0	17°24'36	18°48	3°36	0♏37	12°48	1°46	0°47	1°23	26°23	24°D14	19°37	19°40	6°26	n.a.	M15
T 16	5 10 56	18°25'44	1♊29	5° 7	1°40	13°35	1°54	0°48	1°26	26°25	24°14	19°37	19°37	6°32	n.a.	T 16
W17	5 14 53	19°26'51	13°57	6°35	2°43	14°22	2° 3	0°48	1°28	26°27	24°14	19°37	19°34	6°39	n.a.	W17
T 18	5 18 49	20°27'58	26°15	8° 1	3°47	15° 9	2°11	0°49	1°31	26°29	24°14	19°37	19°31	6°46	n.a.	T 18
F 19	5 22 46	21°29'03	8♋23	9°23	4°50	15°56	2°20	0°50	1°34	26°31	24°14	19°37	19°28	6°53	n.a.	F 19
S 20	5 26 42	22°30'08	20°22	10°42	5°54	16°44	2°29	0°52	1°37	26°33	24°14	19°37	19°24	6°59	n.a.	S 20
S 21	5 30 39	23°31'12	2♌16	11°55	6°59	17°31	2°38	0°53	1°39	26°35	24°15	19°36	19°21	7° 6	n.a.	S 21
M22	5 34 36	24°32'16	14° 6	13° 3	8° 3	18°18	2°47	0°54	1°42	26°37	24°15	19°36	19°18	7°13	n.a.	M22
T 23	5 38 32	25°33'18	25°57	14° 5	9° 8	19° 5	2°56	0°56	1°44	26°39	24°15	19°35	19°15	7°19	n.a.	T 23
W24	5 42 29	26°34'19	7♍51	14°59	10°13	19°52	3° 6	0°57	1°47	26°41	24°15	19°34	19°12	7°26	n.a.	W24
T 25	5 46 25	27°35'20	19°53	15°46	11°19	20°39	3°15	0°59	1°49	26°43	24°15	19°34	19° 9	7°33	n.a.	T 25
F 26	5 50 22	28°36'20	2♎ 9	16°23	12°25	21°26	3°25	1° 1	1°52	26°45	24°15	19°D34	19° 5	7°39	n.a.	F 26
S 27	5 54 18	29°37'19	14°41	16°52	13°30	22°14	3°35	1° 3	1°54	26°47	24°16	19°34	19° 2	7°46	n.a.	S 27
S 28	5 58 15	0♑38'17	27°35	17°10	14°36	23° 1	3°45	1° 5	1°57	26°49	24°16	19°35	18°59	7°53	n.a.	S 28
M29	6 2 12	1°39'14	10♏53	17°R17	15°43	23°48	3°55	1° 7	1°59	26°51	24°16	19°36	18°56	7°59	n.a.	M29
T 30	6 6 8	2°40'10	24°38	17°13	16°49	24°35	4° 5	1° 9	2° 1	26°53	24°17	19°37	18°53	8° 6	n.a.	T 30
W31	6 10 5	3♑41'05	8♐49	16♑58	17♏56	25♑22	4♓15	1♈12	2♏ 3	26♑55	24♓17	19♊38	18♊50	8♌13	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s 4	9s 8	3n49	24s23	2s 2	3s55	2n58	24s57	1s11	12s58	1s28	2s 9	2s42	11s30	0n24	21s44	0s29	17s56	17s 8	23n22	23n25	22n49		n.a.
T 2	21 16	14 22	2 51	24 38	2 3	4 14	3 0	24 56	1 11	12 55	1 28	2 9	2 42	11 31	0 24	21 43	0 29	17 56	17 7	23 22	23 25	22 47		n.a.
W 3	21 27	18 59	1 41	24 52	2 5	4 34	3 2	24 55	1 11	12 53	1 27	2 9	2 42	11 32	0 24	21 43	0 29	17 56	17 7	23 21	23 25	22 46		n.a.
T 4	21 38	22 33	0 24	25 5	2 6	4 55	3 4	24 54	1 11	12 50	1 27	2 9	2 42	11 33	0 24	21 43	0 29	17 55	17 6	23 21	23 24	22 45		n.a.
F 5	21 49	24 43	0s56	25 15	2 6	5 15	3 6	24 52	1 11	12 48	1 27	2 9	2 41	11 34	0 24	21 42	0 29	17 55	17 6	23 21	23 24	22 44		n.a.
S 6	21 59	25 11	2 14	25 24	2 6	5 36	3 8	24 50	1 11	12 45	1 26	2 9	2 41	11 35	0 24	21 42	0 29	17 55	17 6	23 21	23 24	22 43		n.a.
S 7	22 9	23 55	3 22	25 31	2 5	5 57	3 9	24 48	1 11	12 42	1 26	2 9	2 41	11 36	0 24	21 42	0 29	17 55	17 5	23 22	23 24	22 42		n.a.
M 8	22 18	21 4	4 17	25 37	2 4	6 18	3 10	24 45	1 11	12 39	1 26	2 9	2 40	11 37	0 24	21 41	0 29	17 54	17 5	23 22	23 23	22 41		n.a.
T 9	22 27	16 59	4 55	25 40	2 2	6 39	3 11	24 42	1 11	12 36	1 26	2 8	2 40	11 39	0 24	21 41	0 29	17 54	17 5	23 22	23 23	22 40		n.a.
W10	22 35	12 0	5 14	25 42	2 0	7 1	3 12	24 39	1 11	12 34	1 25	2 8	2 40	11 40	0 24	21 41	0 29	17 54	17 4	23 22	23 23	22 39		n.a.
T 11	22 43	6 30	5 15	25 42	1 57	7 22	3 13	24 36	1 11	12 31	1 25	2 8	2 39	11 41	0 24	21 40	0 29	17 54	17 4	23 22	23 23	22 38		n.a.
F 12	22 50	0 47	4 59	25 39	1 54	7 44	3 13	24 32	1 11	12 27	1 25	2 7	2 39	11 42	0 24	21 40	0 29	17 53	17 4	23 22	23 22	22 37		n.a.
S 13	22 57	4n52	4 26	25 35	1 49	8 6	3 14	24 28	1 11	12 24	1 25	2 7	2 39	11 43	0 24	21 40	0 29	17 53	17 3	23 22	23 22	22 35		n.a.
S 14	23 4	10 13	3 40	25 29	1 44	8 28	3 14	24 24	1 11	12 21	1 24	2 6	2 39	11 44	0 24	21 39	0 29	17 53	17 3	23 22	23 22	22 34		n.a.
M15	23 10	15 3	2 43	25 21	1 38	8 49	3 14	24 19	1 11	12 18	1 24	2 6	2 38	11 45	0 24	21 39	0 29	17 52	17 3	23 21	23 22	22 33		n.a.
T 16	23 16	19 8	1 39	25 11	1 31	9 11	3 14	24 14	1 10	12 15	1 24	2 5	2 38	11 46	0 24	21 39	0 29	17 52	17 2	23 21	23 22	22 32		n.a.
W17	23 21	22 16	0 31	25 0	1 23	9 34	3 13	24 9	1 10	12 11	1 24	2 5	2 38	11 47	0 24	21 38	0 29	17 52	17 2	23 21	23 21	22 31		n.a.
T 18	23 25	24 20	0n37	24 46	1 15	9 56	3 13	24 4	1 10	12 8	1 23	2 4	2 37	11 48	0 24	21 38	0 29	17 51	17 1	23 21	23 21	22 30		n.a.
F 19	23 30	25 12	1 42	24 31	1 5	10 18	3 13	23 58	1 10	12 5	1 23	2 3	2 37	11 49	0 24	21 37	0 29	17 51	17 1	23 21	23 21	22 28		n.a.
S 20	23 33	24 53	2 43	24 14	0 55	10 40	3 12	23 52	1 10	12 1	1 23	2 3	2 37	11 50	0 24	21 37	0 29	17 51	17 1	23 21	23 20	22 27		n.a.
S 21	23 37	23 25	3 35	23 56	0 43	11 2	3 11	23 46	1 10	11 58	1 23	2 2	2 36	11 50	0 24	21 37	0 29	17 50	17 0	23 21	23 20	22 26		n.a.
M22	23 39	20 56	4 19	23 37	0 30	11 24	3 10	23 39	1 10	11 54	1 22	2 1	2 36	11 51	0 24	21 36	0 29	17 50	17 0	23 21	23 20	22 25		n.a.
T 23	23 42	17 35	4 51	23 17	0 17	11 45	3 9	23 32	1 10	11 51	1 22	2 0	2 36	11 52	0 24	21 36	0 29	17 49	17 0	23 21	23 20	22 24		n.a.
W24	23 44	13 32	5 11	22 57	0 2	12 7	3 8	23 25	1 9	11 47	1 22	1 59	2 35	11 53	0 24	21 36	0 29	17 49	16 59	23 21	23 19	22 23		n.a.
T 25	23 45	8 54	5 17	22 36	0n13	12 29	3 6	23 18	1 9	11 43	1 22	1 58	2 35	11 54	0 24	21 35	0 29	17 49	16 59	23 21	23 19	22 21		n.a.
F 26	23 46	3 51	5 10	22 15	0 30	12 51	3 5	23 10	1 9	11 39	1 22	1 57	2 35	11 55	0 24	21 35	0 30	17 48	16 58	23 21	23 19	22 20		n.a.
S 27	23 46	1s27	4 47	21 55	0 47	13 12	3 3	23 2	1 9	11 36	1 21	1 56	2 35	11 56	0 24	21 34	0 30	17 48	16 58	23 21	23 19	22 19		n.a.
S 28	23 46	6 52	4 10	21 35	1 5	13 33	3 2	22 54	1 9	11 32	1 21	1 55	2 34	11 57	0 24	21 34	0 30	17 47	16 58	23 21	23 18	22 18		n.a.
M29	23 46	12 9	3 19	21 16	1 23	13 54	3 0	22 46	1 8	11 28	1 21	1 54	2 34	11 57	0 24	21 34	0 30	17 47	16 57	23 21	23 18	22 16		n.a.
T 30	23 45	17 1	2 14	20 59	1 41	14 15	2 58	22 37	1 8	11 24	1 21	1 53	2 34	11 58	0 24	21 33	0 30	17 46	16 57	23 21	23 18	22 15		n.a.
W31	23s43	21s 6	1n 0	20s43	1n59	14s36	2n56	22s28	1s 8	11s20	1s21	1s51	2s33	11s59	0n24	21s33	0s30	17s46	16s57	23n22	23n18	22n14		n.a.

Julian Day Number = 1493841.5, Delta T = 05h12m28s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'44, Lahiri = -12°33'43 Julian Calendar 1 Dec. 624 BCE == Greg. Calendar 24 Nov. 624 BCE

The year -623 astronomical counting style corresponds to year 624 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

JANUARY 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 14 1	4♉41'59	23♐23	16°R32	19♏ 3	26♉ 9	4♓25	1♈14	2♏ 6	26♉57	24♓17	19°R38	18♊46	8♌19	n.a.	T 1
F 2	6 17 58	5°42'52	8♉15	15♉55	20°10	26°56	4°36	1°17	2° 8	26°59	24°18	19♊37	18°43	8°26	n.a.	F 2
S 3	6 21 54	6°43'44	23°17	15° 9	21°17	27°43	4°47	1°20	2°10	27° 2	24°18	19°36	18°40	8°33	n.a.	S 3
S 4	6 25 51	7°44'34	8♒20	14°15	22°25	28°30	4°57	1°22	2°12	27° 4	24°19	19°34	18°37	8°40	n.a.	S 4
M 5	6 29 47	8°45'22	23°15	13°13	23°32	29°17	5° 8	1°25	2°14	27° 6	24°19	19°31	18°34	8°46	n.a.	M 5
T 6	6 33 44	9°46'08	7♓55	12° 7	24°40	0♒ 4	5°19	1°28	2°16	27° 8	24°19	19°28	18°30	8°53	n.a.	T 6
W 7	6 37 41	10°46'53	22°15	10°57	25°48	0°51	5°30	1°32	2°18	27°10	24°20	19°27	18°27	9° 0	n.a.	W 7
T 8	6 41 37	11°47'36	6♈11	9°46	26°56	1°37	5°41	1°35	2°20	27°13	24°20	19°D26	18°24	9° 6	n.a.	T 8
F 9	6 45 34	12°48'17	19°44	8°36	28° 4	2°24	5°52	1°38	2°22	27°15	24°21	19°26	18°21	9°13	n.a.	F 9
S 10	6 49 30	13°48'56	2♉56	7°28	29°13	3°11	6° 4	1°41	2°23	27°17	24°22	19°27	18°18	9°20	n.a.	S 10
S 11	6 53 27	14°49'33	15°48	6°25	0♐21	3°58	6°15	1°45	2°25	27°19	24°22	19°28	18°15	9°26	n.a.	S 11
M12	6 57 23	15°50'08	28°24	5°26	1°30	4°45	6°27	1°49	2°27	27°22	24°23	19°30	18°11	9°33	n.a.	M12
T 13	7 1 20	16°50'42	10♊47	4°34	2°38	5°31	6°38	1°52	2°28	27°24	24°23	19°31	18° 8	9°40	n.a.	T 13
W14	7 5 16	17°51'14	22°59	3°49	3°47	6°18	6°50	1°56	2°30	27°26	24°24	19°R31	18° 5	9°47	n.a.	W14
T 15	7 9 13	18°51'44	5♋ 3	3°11	4°56	7° 5	7° 2	2° 0	2°32	27°28	24°25	19°30	18° 2	9°53	n.a.	T 15
F 16	7 13 10	19°52'12	17° 1	2°40	6° 5	7°51	7°14	2° 4	2°33	27°31	24°25	19°28	17°59	10° 0	n.a.	F 16
S 17	7 17 6	20°52'38	28°55	2°18	7°14	8°38	7°26	2° 8	2°34	27°33	24°26	19°23	17°56	10° 7	n.a.	S 17
S 18	7 21 3	21°53'03	10♌47	2° 3	8°24	9°25	7°38	2°12	2°36	27°35	24°27	19°18	17°52	10°13	n.a.	S 18
M19	7 24 59	22°53'26	22°38	1°55	9°33	10°11	7°50	2°17	2°37	27°37	24°27	19°11	17°49	10°20	n.a.	M19
T 20	7 28 56	23°53'47	4♍30	1°D54	10°43	10°58	8° 2	2°21	2°38	27°40	24°28	19° 5	17°46	10°27	n.a.	T 20
W21	7 32 52	24°54'06	16°26	2° 0	11°52	11°44	8°14	2°26	2°40	27°42	24°29	18°59	17°43	10°33	n.a.	W21
T 22	7 36 49	25°54'24	28°29	2°12	13° 2	12°30	8°27	2°30	2°41	27°44	24°30	18°54	17°40	10°40	n.a.	T 22
F 23	7 40 45	26°54'40	10♎43	2°31	14°12	13°17	8°39	2°35	2°42	27°46	24°31	18°51	17°36	10°47	n.a.	F 23
S 24	7 44 42	27°54'55	23°11	2°54	15°22	14° 3	8°52	2°39	2°43	27°49	24°31	18°D50	17°33	10°53	n.a.	S 24
S 25	7 48 39	28°55'08	5♏58	3°23	16°32	14°50	9° 4	2°44	2°44	27°51	24°32	18°50	17°30	11° 0	n.a.	S 25
M26	7 52 35	29°55'19	19° 8	3°56	17°42	15°36	9°17	2°49	2°45	27°53	24°33	18°51	17°27	11° 7	n.a.	M26
T 27	7 56 32	0♒55'29	2♐44	4°34	18°52	16°22	9°30	2°54	2°46	27°56	24°34	18°52	17°24	11°14	n.a.	T 27
W28	8 0 28	1°55'37	16°47	5°16	20° 2	17° 8	9°42	2°59	2°47	27°58	24°35	18°R53	17°21	11°20	n.a.	W28
T 29	8 4 25	2°55'43	1♉18	6° 2	21°12	17°55	9°55	3° 4	2°48	28° 0	24°36	18°52	17°17	11°27	n.a.	T 29
F 30	8 8 21	3°55'47	16°12	6°51	22°23	18°41	10° 8	3° 9	2°48	28° 2	24°37	18°50	17°14	11°34	n.a.	F 30
S 31	8 12 18	4♒55'50	1♒23	7♉43	23♐33	19♒27	10♓21	3♈15	2♏49	28♉ 5	24♓38	18♊45	17♊11	11♌40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s41	23s57	0s21	20s28	2n17	14s56	2n54	22s19	1s 8	11s16	1s20	1s50	2s33	12s 0	0n24	21s32	0s30	17s45	16s56	23n22	23n17	22n13			n.a.
F 2	23 39	25 12	1 41	20 16	2 34	15 17	2 52	22 10	1 8	11 12	1 20	1 49	2 33	12 0	0 24	21 32	0 30	17 45	16 56	23 22	23 17	22 11			n.a.
S 3	23 36	24 37	2 55	20 5	2 49	15 37	2 49	22 0	1 7	11 8	1 20	1 47	2 32	12 1	0 24	21 32	0 30	17 44	16 56	23 21	23 17	22 10			n.a.
S 4	23 32	22 15	3 58	19 57	3 4	15 56	2 47	21 50	1 7	11 3	1 20	1 46	2 32	12 2	0 24	21 31	0 30	17 44	16 55	23 21	23 17	22 9			n.a.
M 5	23 29	18 24	4 43	19 51	3 17	16 16	2 44	21 40	1 7	10 59	1 20	1 45	2 32	12 3	0 24	21 31	0 30	17 43	16 55	23 21	23 16	22 8			n.a.
T 6	23 24	13 29	5 9	19 46	3 27	16 35	2 42	21 30	1 7	10 55	1 19	1 43	2 32	12 3	0 24	21 30	0 30	17 43	16 54	23 21	23 16	22 6			n.a.
W 7	23 20	7 55	5 15	19 44	3 36	16 54	2 39	21 20	1 6	10 51	1 19	1 42	2 31	12 4	0 24	21 30	0 30	17 42	16 54	23 21	23 16	22 5			n.a.
T 8	23 14	2 7	5 2	19 43	3 42	17 12	2 36	21 9	1 6	10 46	1 19	1 40	2 31	12 4	0 24	21 29	0 30	17 42	16 54	23 21	23 15	22 4			n.a.
F 9	23 9	3n38	4 32	19 44	3 46	17 31	2 34	20 58	1 6	10 42	1 19	1 38	2 31	12 5	0 24	21 29	0 30	17 41	16 53	23 21	23 15	22 3			n.a.
S 10	23 3	9 4	3 49	19 47	3 47	17 48	2 31	20 47	1 6	10 38	1 19	1 37	2 30	12 6	0 24	21 29	0 30	17 41	16 53	23 21	23 15	22 1			n.a.
S 11	22 56	14 0	2 55	19 51	3 46	18 6	2 28	20 35	1 5	10 33	1 18	1 35	2 30	12 6	0 24	21 28	0 30	17 40	16 53	23 21	23 15	22 0			n.a.
M12	22 49	18 14	1 54	19 56	3 43	18 23	2 25	20 24	1 5	10 29	1 18	1 33	2 30	12 7	0 24	21 28	0 30	17 40	16 52	23 21	23 14	21 59			n.a.
T 13	22 42	21 35	0 48	20 3	3 39	18 40	2 22	20 12	1 5	10 24	1 18	1 32	2 30	12 7	0 24	21 27	0 30	17 39	16 52	23 21	23 14	21 57			n.a.
W14	22 34	23 54	0n19	20 11	3 32	18 56	2 19	20 0	1 4	10 20	1 18	1 30	2 29	12 8	0 24	21 27	0 30	17 39	16 52	23 21	23 14	21 56			n.a.
T 15	22 25	25 4	1 24	20 19	3 25	19 12	2 16	19 47	1 4	10 15	1 18	1 28	2 29	12 8	0 24	21 26	0 30	17 38	16 51	23 21	23 13	21 55			n.a.
F 16	22 17	25 4	2 25	20 29	3 16	19 27	2 12	19 35	1 4	10 10	1 18	1 26	2 29	12 9	0 24	21 26	0 30	17 38	16 51	23 21	23 13	21 53			n.a.
S 17	22 7	23 54	3 19	20 39	3 6	19 42	2 9	19 22	1 3	10 6	1 17	1 24	2 29	12 9	0 24	21 25	0 30	17 37	16 51	23 20	23 13	21 52			n.a.
S 18	21 58	21 41	4 4	20 50	2 55	19 56	2 6	19 9	1 3	10 1	1 17	1 22	2 28	12 10	0 24	21 25	0 30	17 36	16 50	23 20	23 13	21 51			n.a.
M19	21 48	18 32	4 38	21 1	2 44	20 10	2 2	18 56	1 3	9 56	1 17	1 20	2 28	12 10	0 24	21 25	0 30	17 36	16 50	23 19	23 12	21 49			n.a.
T 20	21 37	14 39	5 1	21 13	2 32	20 24	1 59	18 43	1 2	9 51	1 17	1 18	2 28	12 11	0 24	21 24	0 30	17 35	16 50	23 19	23 12	21 48			n.a.
W21	21 27	10 11	5 10	21 25	2 20	20 37	1 55	18 30	1 2	9 47	1 17	1 16	2 27	12 11	0 24	21 24	0 30	17 35	16 49	23 18	23 12	21 47			n.a.
T 22	21 15	5 17	5 7	21 37	2 8	20 50	1 52	18 16	1 2	9 42	1 17	1 14	2 27	12 12	0 24	21 23	0 30	17 34	16 49	23 18	23 11	21 45			n.a.
F 23	21 4	0 7	4 49	21 49	1 56	21 2	1 48	18 3	1 1	9 37	1 16	1 12	2 27	12 12	0 24	21 23	0 30	17 33	16 49	23 18	23 11	21 44			n.a.
S 24	20 52	5s10	4 17	22 0	1 44	21 13	1 45	17 49	1 1	9 32	1 16	1 10	2 27	12 12	0 24	21 22	0 30	17 33	16 49	23 18	23 11	21 42			n.a.
S 25	20 40	10 22	3 32	22 12	1 32	21 24	1 41	17 35	1 1	9 27	1 16	1 8	2 26	12 13	0 24	21 22	0 30	17 32	16 48	23 18	23 10	21 41			n.a.
M26	20 27	15 16	2 34	22 23	1 20	21 34	1 38	17 20	1 0	9 22	1 16	1 6	2 26	12 13	0 24	21 21	0 30	17 32	16 48	23 18	23 10	21 40			n.a.
T 27	20 14	19 35	1 27	22 33	1 8	21 44	1 34	17 6	1 0	9 17	1 16	1 4	2 26	12 13	0 24	21 21	0 30	17 31	16 48	23 18	23 10	21 38			n.a.
W28	20 0	22 55	0 11	22 43	0 56	21 53	1 30	16 51	1 0	9 12	1 16	1 1	2 26	12 14	0 24	21 21	0 30	17 30	16 47	23 18	23 10	21 37			n.a.
T 29	19 46	24 53	1s 7	22 53	0 45	22 2	1 27	16 37	0 59	9 7	1 16	0 59	2 26	12 14	0 24	21 20	0 30	17 30	16 47	23 18	23 9	21 35			n.a.
F 30	19 32	25 8	2 22	23 2	0 34	22 10	1 23	16 22	0 59	9 2	1 15	0 57	2 25	12 14	0 24	21 20	0 30	17 29	16 47	23 18	23 9	21 34			n.a.
S 31	19s18	23s31	3s29	23s10	0n23	22s17	1n19	16s 7	0s58	8s57	1s15	0s54	2s25	12s14	0n24	21s19	0s30	17s28	16s47	23n17	23n 9	21n32			n.a.

Julian Day Number = 1493872.5, Delta T = 05h12m27s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'40, Lahiri = -12°33'39 Julian Calendar 1 Jan. 623 BCE == Greg. Calendar 25 Dec. 624 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

FEBRUARY 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 16 14	5♒55'51	16♒41	8♑39	24♐44	20♒13	10♓34	3♈20	2♏50	28♑ 7	24♓39	18°R39	17♊ 8	11♌47	n.a.	S 1
M 2	8 20 11	6°55'49	1♓55	9°37	25°54	20°59	10°47	3°26	2°50	28° 9	24°40	18♊31	17° 5	11°54	n.a.	M 2
T 3	8 24 8	7°55'45	16°54	10°38	27° 5	21°45	11° 0	3°31	2°51	28°11	24°41	18°24	17° 2	12° 0	n.a.	T 3
W 4	8 28 4	8°55'39	1♈31	11°42	28°15	22°31	11°14	3°37	2°51	28°14	24°42	18°17	16°58	12° 7	n.a.	W 4
T 5	8 32 1	9°55'30	15°40	12°48	29°26	23°17	11°27	3°42	2°52	28°16	24°43	18°12	16°55	12°14	n.a.	T 5
F 6	8 35 57	10°55'19	29°21	13°56	0♑37	24° 3	11°40	3°48	2°52	28°18	24°44	18°10	16°52	12°21	n.a.	F 6
S 7	8 39 54	11°55'06	12♉33	15° 7	1°48	24°49	11°54	3°54	2°52	28°20	24°45	18°D 9	16°49	12°27	n.a.	S 7
S 8	8 43 50	12°54'50	25°22	16°19	2°59	25°35	12° 7	4° 0	2°53	28°23	24°46	18°10	16°46	12°34	n.a.	S 8
M 9	8 47 47	13°54'32	7♊51	17°33	4°10	26°20	12°21	4° 6	2°53	28°25	24°47	18°11	16°42	12°41	n.a.	M 9
T 10	8 51 43	14°54'12	20° 4	18°49	5°21	27° 6	12°34	4°12	2°53	28°27	24°48	18°R11	16°39	12°47	n.a.	T 10
W11	8 55 40	15°53'49	2♋ 7	20° 7	6°32	27°52	12°48	4°18	2°53	28°29	24°49	18°10	16°36	12°54	n.a.	W11
T 12	8 59 37	16°53'24	14° 2	21°27	7°43	28°37	13° 1	4°24	2°R53	28°31	24°50	18° 7	16°33	13° 1	n.a.	T 12
F 13	9 3 33	17°52'57	25°54	22°48	8°54	29°23	13°15	4°30	2°53	28°34	24°51	18° 1	16°30	13° 7	n.a.	F 13
S 14	9 7 30	18°52'27	7♌44	24°10	10° 5	0♓ 8	13°29	4°36	2°53	28°36	24°53	17°52	16°27	13°14	n.a.	S 14
S 15	9 11 26	19°51'55	19°35	25°35	11°16	0°54	13°42	4°43	2°53	28°38	24°54	17°41	16°23	13°21	n.a.	S 15
M16	9 15 23	20°51'21	1♍29	27° 1	12°27	1°39	13°56	4°49	2°53	28°40	24°55	17°29	16°20	13°28	n.a.	M16
T 17	9 19 19	21°50'45	13°26	28°28	13°39	2°25	14°10	4°55	2°53	28°42	24°56	17°17	16°17	13°34	n.a.	T 17
W18	9 23 16	22°50'07	25°29	29°57	14°50	3°10	14°24	5° 2	2°52	28°44	24°57	17° 5	16°14	13°41	n.a.	W18
T 19	9 27 12	23°49'27	7♎38	1♒27	16° 1	3°55	14°38	5° 8	2°52	28°46	24°58	16°55	16°11	13°48	n.a.	T 19
F 20	9 31 9	24°48'44	19°56	2°59	17°13	4°41	14°51	5°15	2°52	28°48	25° 0	16°47	16° 8	13°54	n.a.	F 20
S 21	9 35 5	25°48'00	2♏27	4°32	18°24	5°26	15° 5	5°22	2°51	28°51	25° 1	16°43	16° 4	14° 1	n.a.	S 21
S 22	9 39 2	26°47'14	15°13	6° 6	19°36	6°11	15°19	5°28	2°51	28°53	25° 2	16°40	16° 1	14° 8	n.a.	S 22
M23	9 42 59	27°46'26	28°17	7°42	20°47	6°56	15°33	5°35	2°50	28°55	25° 3	16°D40	15°58	14°14	n.a.	M23
T 24	9 46 55	28°45'36	11♐44	9°19	21°59	7°41	15°47	5°42	2°50	28°57	25° 5	16°R40	15°55	14°21	n.a.	T 24
W25	9 50 52	29°44'45	25°35	10°58	23°11	8°26	16° 1	5°49	2°49	28°59	25° 6	16°40	15°52	14°28	n.a.	W25
T 26	9 54 48	0♓43'52	9♑53	12°38	24°22	9°11	16°16	5°56	2°48	29° 1	25° 7	16°38	15°48	14°35	n.a.	T 26
F 27	9 58 45	1°42'56	24°35	14°19	25°34	9°56	16°30	6° 3	2°48	29° 3	25° 8	16°34	15°45	14°41	n.a.	F 27
S 28	10 2 41	2♓41'59	9♒37	16♒ 2	26♑46	10♓41	16♓44	6♈10	2♏47	29♑ 5	25♓10	16♊27	15♊42	14♌48	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 3	20s12	4s21	23s17	0n12	22s24	1n16	15s52	0s58	8s52	1s15	0s52	2s25	12s15	0n24	21s19	0s30	17s28	16s46	23n17	23n 8	21n31		n.a.
M 2	18 48	15 31	4 55	23 23	0 2	22 30	1 12	15 36	0 58	8 47	1 15	0 50	2 25	12 15	0 24	21 18	0 30	17 27	16 46	23 16	23 8	21 30		n.a.
T 3	18 32	9 56	5 7	23 28	0s 8	22 36	1 8	15 21	0 57	8 41	1 15	0 47	2 24	12 15	0 24	21 18	0 30	17 26	16 46	23 15	23 8	21 28		n.a.
W 4	18 16	3 57	4 59	23 32	0 17	22 41	1 5	15 5	0 57	8 36	1 15	0 45	2 24	12 15	0 24	21 17	0 30	17 26	16 45	23 15	23 7	21 27		n.a.
T 5	18 0	2n 4	4 33	23 35	0 27	22 45	1 1	14 50	0 56	8 31	1 15	0 42	2 24	12 15	0 24	21 17	0 30	17 25	16 45	23 14	23 7	21 25		n.a.
F 6	17 44	7 47	3 52	23 37	0 36	22 49	0 57	14 34	0 56	8 26	1 15	0 40	2 24	12 15	0 24	21 16	0 30	17 25	16 45	23 14	23 7	21 24		n.a.
S 7	17 27	12 58	2 59	23 38	0 44	22 52	0 53	14 18	0 55	8 20	1 14	0 37	2 23	12 15	0 24	21 16	0 30	17 24	16 45	23 14	23 6	21 22		n.a.
S 8	17 10	17 26	1 59	23 38	0 52	22 55	0 50	14 2	0 55	8 15	1 14	0 35	2 23	12 16	0 24	21 16	0 30	17 23	16 44	23 14	23 6	21 21		n.a.
M 9	16 53	21 1	0 55	23 36	1 0	22 56	0 46	13 46	0 55	8 10	1 14	0 32	2 23	12 16	0 24	21 15	0 30	17 23	16 44	23 14	23 6	21 19		n.a.
T 10	16 35	23 34	0n10	23 33	1 8	22 57	0 42	13 30	0 54	8 4	1 14	0 29	2 23	12 16	0 24	21 15	0 30	17 22	16 44	23 14	23 5	21 18		n.a.
W11	16 17	24 59	1 14	23 29	1 15	22 58	0 39	13 13	0 54	7 59	1 14	0 27	2 23	12 16	0 24	21 14	0 30	17 21	16 44	23 14	23 5	21 16		n.a.
T 12	15 59	25 14	2 14	23 23	1 22	22 58	0 35	12 57	0 53	7 54	1 14	0 24	2 22	12 16	0 24	21 14	0 30	17 21	16 43	23 14	23 5	21 15		n.a.
F 13	15 41	24 19	3 7	23 16	1 28	22 57	0 31	12 40	0 53	7 48	1 14	0 22	2 22	12 16	0 24	21 13	0 30	17 20	16 43	23 13	23 5	21 13		n.a.
S 14	15 22	22 19	3 52	23 7	1 34	22 55	0 28	12 24	0 52	7 43	1 14	0 19	2 22	12 16	0 24	21 13	0 30	17 19	16 43	23 13	23 4	21 12		n.a.
S 15	15 4	19 22	4 27	22 57	1 40	22 53	0 24	12 7	0 52	7 37	1 14	0 16	2 22	12 16	0 24	21 13	0 30	17 19	16 43	23 12	23 4	21 10		n.a.
M16	14 44	15 37	4 51	22 46	1 45	22 50	0 20	11 50	0 51	7 32	1 14	0 13	2 22	12 15	0 24	21 12	0 30	17 18	16 43	23 10	23 4	21 9		n.a.
T 17	14 25	11 14	5 2	22 33	1 50	22 47	0 17	11 33	0 51	7 27	1 13	0 11	2 22	12 15	0 24	21 12	0 30	17 17	16 42	23 9	23 3	21 7		n.a.
W18	14 6	6 23	4 59	22 18	1 54	22 43	0 13	11 16	0 51	7 21	1 13	0 8	2 21	12 15	0 24	21 11	0 30	17 17	16 42	23 8	23 3	21 6		n.a.
T 19	13 46	1 15	4 43	22 2	1 58	22 38	0 10	10 59	0 50	7 16	1 13	0 5	2 21	12 15	0 24	21 11	0 30	17 16	16 42	23 7	23 3	21 4		n.a.
F 20	13 26	3s59	4 14	21 44	2 2	22 32	0 6	10 42	0 50	7 10	1 13	0 2	2 21	12 15	0 24	21 10	0 30	17 15	16 42	23 6	23 2	21 3		n.a.
S 21	13 6	9 11	3 32	21 25	2 5	22 26	0 3	10 24	0 49	7 4	1 13	0n 1	2 21	12 15	0 24	21 10	0 30	17 15	16 42	23 6	23 2	21 1		n.a.
S 22	12 45	14 6	2 39	21 4	2 7	22 19	0s 0	10 7	0 49	6 59	1 13	0 3	2 21	12 15	0 25	21 10	0 30	17 14	16 41	23 6	23 2	21 0		n.a.
M23	12 25	18 30	1 36	20 41	2 9	22 12	0 4	9 50	0 48	6 53	1 13	0 6	2 20	12 14	0 25	21 9	0 30	17 13	16 41	23 6	23 1	20 58		n.a.
T 24	12 4	22 4	0 26	20 17	2 11	22 4	0 7	9 32	0 48	6 48	1 13	0 9	2 20	12 14	0 25	21 9	0 30	17 13	16 41	23 6	23 1	20 56		n.a.
W25	11 43	24 29	0s47	19 51	2 13	21 55	0 10	9 15	0 47	6 42	1 13	0 12	2 20	12 14	0 25	21 8	0 30	17 12	16 41	23 6	23 1	20 55		n.a.
T 26	11 22	25 23	2 0	19 23	2 13	21 46	0 14	8 57	0 47	6 37	1 13	0 15	2 20	12 14	0 25	21 8	0 30	17 11	16 41	23 5	23 0	20 53		n.a.
F 27	11 1	24 33	3 6	18 53	2 14	21 36	0 17	8 39	0 46	6 31	1 13	0 18	2 20	12 14	0 25	21 8	0 30	17 11	16 41	23 5	23 0	20 52		n.a.
S 28	10s39	21s58	4s 2	18s22	2s14	21s25	0s20	8s22	0s46	6s25	1s13	0n21	2s20	12s13	0n25	21s 7	0s30	17s10	16s41	23n 4	23n 0	20n50		n.a.

Julian Day Number = 1493903.5, Delta T = 05h12m26s
Ecliptic obliquity = 23°46'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'35, Lahiri = -12°33'35 Julian Calendar 1 Feb. 623 BCE == Greg. Calendar 25 Jan. 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

MARCH 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 6 38	3♓41'00	24♒51	17♒46	27♑57	11♓26	16♓58	6♈17	2°R46	29♑ 7	25♓11	16°R17	15♊39	14♌55	n.a.	S 1
M 2	10 10 34	4°39'58	10♓ 6	19°32	29° 9	12°11	17°12	6°24	2♏45	29° 9	25°12	16♊ 7	15°36	15° 1	n.a.	M 2
T 3	10 14 31	5°38'54	25°11	21°19	0♒21	12°56	17°26	6°31	2°44	29°11	25°14	15°55	15°33	15° 8	n.a.	T 3
W 4	10 18 28	6°37'48	9♈56	23° 8	1°33	13°40	17°40	6°38	2°43	29°13	25°15	15°46	15°29	15°15	n.a.	W 4
T 5	10 22 24	7°36'40	24°15	24°58	2°44	14°25	17°55	6°45	2°42	29°14	25°16	15°38	15°26	15°22	n.a.	T 5
F 6	10 26 21	8°35'29	8♉ 4	26°50	3°56	15°10	18° 9	6°52	2°41	29°16	25°18	15°32	15°23	15°28	n.a.	F 6
S 7	10 30 17	9°34'16	21°24	28°43	5° 8	15°54	18°23	7° 0	2°40	29°18	25°19	15°30	15°20	15°35	n.a.	S 7
S 8	10 34 14	10°33'01	4♊16	0♓37	6°20	16°39	18°37	7° 7	2°39	29°20	25°20	15°29	15°17	15°42	n.a.	S 8
M 9	10 38 10	11°31'43	16°46	2°33	7°32	17°23	18°52	7°14	2°38	29°22	25°22	15°29	15°14	15°48	n.a.	M 9
T 10	10 42 7	12°30'23	28°58	4°30	8°44	18° 7	19° 6	7°22	2°36	29°24	25°23	15°28	15°10	15°55	n.a.	T 10
W11	10 46 3	13°29'01	10♋58	6°29	9°56	18°52	19°20	7°29	2°35	29°25	25°24	15°27	15° 7	16° 2	n.a.	W11
T 12	10 50 0	14°27'37	22°51	8°29	11° 8	19°36	19°35	7°37	2°34	29°27	25°26	15°22	15° 4	16° 8	n.a.	T 12
F 13	10 53 56	15°26'10	4♌41	10°31	12°20	20°20	19°49	7°44	2°32	29°29	25°27	15°16	15° 1	16°15	n.a.	F 13
S 14	10 57 53	16°24'41	16°31	12°33	13°32	21° 5	20° 3	7°52	2°31	29°31	25°29	15° 6	14°58	16°22	n.a.	S 14
S 15	11 1 50	17°23'09	28°24	14°37	14°44	21°49	20°18	7°59	2°29	29°32	25°30	14°54	14°54	16°29	n.a.	S 15
M16	11 5 46	18°21'36	10♍22	16°42	15°56	22°33	20°32	8° 7	2°28	29°34	25°31	14°40	14°51	16°35	n.a.	M16
T 17	11 9 43	19°20'00	22°27	18°48	17° 8	23°17	20°46	8°14	2°26	29°35	25°33	14°26	14°48	16°42	n.a.	T 17
W18	11 13 39	20°18'23	4♎40	20°55	18°20	24° 1	21° 0	8°22	2°25	29°37	25°34	14°13	14°45	16°49	n.a.	W18
T 19	11 17 36	21°16'43	17° 1	23° 3	19°32	24°45	21°15	8°29	2°23	29°39	25°35	14° 1	14°42	16°55	n.a.	T 19
F 20	11 21 32	22°15'02	29°31	25°10	20°44	25°29	21°29	8°37	2°21	29°40	25°37	13°52	14°39	17° 2	n.a.	F 20
S 21	11 25 29	23°13'19	12♏13	27°18	21°57	26°12	21°43	8°45	2°20	29°42	25°38	13°46	14°35	17° 9	n.a.	S 21
S 22	11 29 25	24°11'35	25° 6	29°26	23° 9	26°56	21°58	8°52	2°18	29°43	25°40	13°43	14°32	17°16	n.a.	S 22
M23	11 33 22	25° 9'49	8♐15	1♈34	24°21	27°40	22°12	9° 0	2°16	29°45	25°41	13°42	14°29	17°22	n.a.	M23
T 24	11 37 19	26° 8'01	21°40	3°41	25°33	28°24	22°26	9° 8	2°14	29°46	25°42	13°42	14°26	17°29	n.a.	T 24
W25	11 41 15	27° 6'11	5♑26	5°47	26°45	29° 7	22°41	9°16	2°13	29°48	25°44	13°42	14°23	17°36	n.a.	W25
T 26	11 45 12	28° 4'21	19°31	7°51	27°58	29°51	22°55	9°23	2°11	29°49	25°45	13°41	14°19	17°42	n.a.	T 26
F 27	11 49 8	29° 2'28	3♒57	9°54	29°10	0♈34	23° 9	9°31	2° 9	29°50	25°47	13°37	14°16	17°49	n.a.	F 27
S 28	11 53 5	0♈ 0'34	18°41	11°55	0♓22	1°18	23°23	9°39	2° 7	29°52	25°48	13°31	14°13	17°56	n.a.	S 28
S 29	11 57 1	0°58'39	3♓36	13°54	1°35	2° 1	23°38	9°47	2° 5	29°53	25°49	13°22	14°10	18° 2	n.a.	S 29
M30	12 0 58	1°56'41	18°34	15°51	2°47	2°45	23°52	9°55	2° 3	29°54	25°51	13°12	14° 7	18° 9	n.a.	M30
T 31	12 4 54	2♈54'42	3♈27	17♈45	3♓59	3♈28	24♓ 6	10♈ 2	2♏ 1	29♑56	25♓52	13♊ 1	14♊ 4	18♌16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	10s18	17s49	4s40	17s49	2s13	21s14	0s23	8s 4	0s45	6s20	1s13	0n24	2s20	12s13	0n25	21s 7	0s30	17s 9	16s40	23n 3	22n59	20n48			n.a.
M 2	9 56	12 29	4 59	17 15	2 12	21 2	0 26	7 46	0 45	6 14	1 13	0 27	2 19	12 13	0 25	21 6	0 30	17 9	16 40	23 2	22 59	20 47			n.a.
T 3	9 34	6 28	4 57	16 38	2 10	20 50	0 29	7 28	0 44	6 8	1 12	0 30	2 19	12 12	0 25	21 6	0 30	17 8	16 40	23 1	22 58	20 45			n.a.
W 4	9 12	0 13	4 35	16 0	2 8	20 37	0 32	7 11	0 44	6 3	1 12	0 33	2 19	12 12	0 25	21 6	0 30	17 7	16 40	23 0	22 58	20 44			n.a.
T 5	8 50	5n53	3 56	15 21	2 5	20 23	0 35	6 53	0 43	5 57	1 12	0 36	2 19	12 12	0 25	21 5	0 30	17 7	16 40	22 59	22 58	20 42			n.a.
F 6	8 28	11 30	3 4	14 39	2 2	20 9	0 38	6 35	0 43	5 51	1 12	0 39	2 19	12 11	0 25	21 5	0 30	17 6	16 40	22 58	22 57	20 40			n.a.
S 7	8 5	16 22	2 4	13 56	1 58	19 54	0 41	6 17	0 42	5 46	1 12	0 42	2 19	12 11	0 25	21 5	0 30	17 6	16 40	22 58	22 57	20 39			n.a.
S 8	7 43	20 20	0 59	13 11	1 54	19 39	0 43	5 59	0 41	5 40	1 12	0 45	2 19	12 10	0 25	21 4	0 30	17 5	16 40	22 58	22 57	20 37			n.a.
M 9	7 20	23 13	0n 7	12 24	1 49	19 23	0 46	5 41	0 41	5 34	1 12	0 48	2 18	12 10	0 25	21 4	0 30	17 4	16 39	22 58	22 56	20 35			n.a.
T 10	6 58	24 57	1 11	11 36	1 44	19 6	0 49	5 23	0 40	5 29	1 12	0 51	2 18	12 10	0 25	21 3	0 31	17 4	16 39	22 58	22 56	20 34			n.a.
W11	6 35	25 29	2 10	10 46	1 38	18 49	0 51	5 5	0 40	5 23	1 12	0 54	2 18	12 9	0 25	21 3	0 31	17 3	16 39	22 58	22 56	20 32			n.a.
T 12	6 12	24 49	3 4	9 55	1 32	18 32	0 54	4 46	0 39	5 17	1 12	0 57	2 18	12 9	0 25	21 3	0 31	17 2	16 39	22 57	22 55	20 30			n.a.
F 13	5 49	23 3	3 49	9 2	1 25	18 14	0 56	4 28	0 39	5 11	1 12	1 0	2 18	12 8	0 25	21 2	0 31	17 2	16 39	22 57	22 55	20 29			n.a.
S 14	5 26	20 17	4 24	8 7	1 17	17 55	0 58	4 10	0 38	5 6	1 12	1 3	2 18	12 8	0 25	21 2	0 31	17 1	16 39	22 55	22 55	20 27			n.a.
S 15	5 3	16 40	4 47	7 12	1 9	17 36	1 1	3 52	0 38	5 0	1 12	1 6	2 18	12 7	0 25	21 2	0 31	17 0	16 39	22 54	22 54	20 25			n.a.
M16	4 40	12 22	4 59	6 15	1 1	17 17	1 3	3 34	0 37	4 54	1 12	1 9	2 18	12 7	0 25	21 1	0 31	17 0	16 39	22 53	22 54	20 24			n.a.
T 17	4 17	7 34	4 57	5 17	0 52	16 57	1 5	3 16	0 37	4 48	1 12	1 12	2 18	12 6	0 25	21 1	0 31	16 59	16 39	22 51	22 53	20 22			n.a.
W18	3 54	2 25	4 41	4 18	0 42	16 36	1 7	2 58	0 36	4 43	1 12	1 16	2 18	12 5	0 25	21 1	0 31	16 59	16 39	22 49	22 53	20 20			n.a.
T 19	3 30	2s54	4 12	3 18	0 32	16 15	1 9	2 39	0 36	4 37	1 12	1 19	2 17	12 5	0 25	21 0	0 31	16 58	16 39	22 48	22 53	20 19			n.a.
F 20	3 7	8 11	3 31	2 17	0 22	15 54	1 11	2 21	0 35	4 31	1 12	1 22	2 17	12 4	0 25	21 0	0 31	16 57	16 39	22 47	22 52	20 17			n.a.
S 21	2 44	13 12	2 38	1 16	0 12	15 32	1 13	2 3	0 34	4 25	1 12	1 25	2 17	12 4	0 25	21 0	0 31	16 57	16 39	22 46	22 52	20 15			n.a.
S 22	2 20	17 45	1 37	0 15	0 1	15 10	1 15	1 45	0 34	4 20	1 12	1 28	2 17	12 3	0 25	21 0	0 31	16 56	16 39	22 46	22 52	20 14			n.a.
M23	1 57	21 31	0 29	0n47	0n10	14 47	1 17	1 27	0 33	4 14	1 12	1 31	2 17	12 2	0 25	20 59	0 31	16 56	16 39	22 46	22 51	20 12			n.a.
T 24	1 33	24 12	0s42	1 48	0 21	14 24	1 18	1 9	0 33	4 8	1 12	1 34	2 17	12 2	0 25	20 59	0 31	16 55	16 39	22 46	22 51	20 10			n.a.
W25	1 10	25 32	1 52	2 48	0 32	14 1	1 20	0 51	0 32	4 3	1 12	1 37	2 17	12 1	0 25	20 59	0 31	16 55	16 39	22 46	22 51	20 8			n.a.
T 26	0 47	25 15	2 57	3 48	0 43	13 37	1 22	0 33	0 32	3 57	1 12	1 41	2 17	12 1	0 25	20 58	0 31	16 54	16 39	22 45	22 50	20 7			n.a.
F 27	0 23	23 18	3 53	4 47	0 53	13 13	1 23	0 15	0 31	3 51	1 12	1 44	2 17	12 0	0 25	20 58	0 31	16 53	16 39	22 45	22 50	20 5			n.a.
S 28	0n 0	19 46	4 34	5 45	1 4	12 49	1 24	0n 4	0 30	3 45	1 12	1 47	2 17	11 59	0 25	20 58	0 31	16 53	16 39	22 44	22 49	20 3			n.a.
S 29	0 24	14 56	4 57	6 42	1 14	12 24	1 26	0 22	0 30	3 40	1 12	1 50	2 17	11 58	0 25	20 58	0 31	16 52	16 39	22 43	22 49	20 1			n.a.
M30	0 47	9 10	5 0	7 37	1 24	11 58	1 27	0 40	0 29	3 34	1 12	1 53	2 17	11 58	0 25	20 57	0 31	16 52	16 39	22 42	22 49	20 0			n.a.
T 31	1n10	2s55	4s43	8n30	1n34	11s33	1s28	0n58	0s29	3s28	1s12	1n56	2s17	11s57	0n25	20s57	0s31	16s51	16s39	22n41	22n48	19n58			n.a.

Julian Day Number = 1493931.5, Delta T = 05h12m24s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'31, Lahiri = -12°33'31 Julian Calendar 1 March 623 BCE == Greg. Calendar 22 Feb. 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

APRIL 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 8 51	3♈52'42	18♈ 6	19♈36	5♓12	4♈11	24♓20	10♈10	1°R59	29♉57	25♓53	12°R52	14♊ 0	18♌23	n.a.	W 1
T 2	12 12 47	4°50'39	2♉22	21°24	6°24	4°54	24°35	10°18	1♏57	29°58	25°55	12♊44	13°57	18°29	n.a.	T 2
F 3	12 16 44	5°48'35	16°12	23° 9	7°36	5°38	24°49	10°26	1°54	29°59	25°56	12°39	13°54	18°36	n.a.	F 3
S 4	12 20 41	6°46'29	29°35	24°50	8°49	6°21	25° 3	10°34	1°52	0♒ 1	25°58	12°36	13°51	18°43	n.a.	S 4
S 5	12 24 37	7°44'21	12♊32	26°28	10° 1	7° 4	25°17	10°42	1°50	0° 2	25°59	12°D36	13°48	18°49	n.a.	S 5
M 6	12 28 34	8°42'11	25° 5	28° 3	11°14	7°47	25°31	10°49	1°48	0° 3	26° 0	12°36	13°45	18°56	n.a.	M 6
T 7	12 32 30	9°39'59	7♋20	29°33	12°26	8°30	25°45	10°57	1°46	0° 4	26° 2	12°R37	13°41	19° 3	n.a.	T 7
W 8	12 36 27	10°37'46	19°22	1♌ 0	13°38	9°13	25°59	11° 5	1°43	0° 5	26° 3	12°36	13°38	19°10	n.a.	W 8
T 9	12 40 23	11°35'31	1♌16	2°24	14°51	9°56	26°13	11°13	1°41	0° 6	26° 4	12°34	13°35	19°16	n.a.	T 9
F 10	12 44 20	12°33'14	13° 7	3°43	16° 3	10°38	26°27	11°21	1°39	0° 7	26° 6	12°30	13°32	19°23	n.a.	F 10
S 11	12 48 16	13°30'55	24°59	4°59	17°16	11°21	26°41	11°29	1°37	0° 8	26° 7	12°23	13°29	19°30	n.a.	S 11
S 12	12 52 13	14°28'34	6♍56	6°10	18°28	12° 4	26°55	11°37	1°34	0° 9	26° 8	12°15	13°25	19°36	n.a.	S 12
M13	12 56 10	15°26'12	19° 0	7°17	19°41	12°46	27° 9	11°44	1°32	0°10	26°10	12° 5	13°22	19°43	n.a.	M13
T 14	13 0 6	16°23'48	1♎14	8°21	20°53	13°29	27°23	11°52	1°30	0°11	26°11	11°55	13°19	19°50	n.a.	T 14
W15	13 4 3	17°21'23	13°39	9°20	22° 6	14°12	27°37	12° 0	1°27	0°11	26°12	11°45	13°16	19°57	n.a.	W15
T 16	13 7 59	18°18'56	26°15	10°15	23°18	14°54	27°51	12° 8	1°25	0°12	26°14	11°36	13°13	20° 3	n.a.	T 16
F 17	13 11 56	19°16'29	9♏ 3	11° 6	24°31	15°36	28° 5	12°16	1°22	0°13	26°15	11°30	13°10	20°10	n.a.	F 17
S 18	13 15 52	20°14'00	22° 3	11°52	25°44	16°19	28°18	12°24	1°20	0°14	26°16	11°26	13° 6	20°17	n.a.	S 18
S 19	13 19 49	21°11'30	5♐14	12°34	26°56	17° 1	28°32	12°31	1°18	0°14	26°18	11°D24	13° 3	20°23	n.a.	S 19
M20	13 23 45	22° 8'58	18°37	13°12	28° 9	17°44	28°46	12°39	1°15	0°15	26°19	11°24	13° 0	20°30	n.a.	M20
T 21	13 27 42	23° 6'26	2♑13	13°45	29°21	18°26	28°59	12°47	1°13	0°16	26°20	11°25	12°57	20°37	n.a.	T 21
W22	13 31 39	24° 3'54	16° 2	14°13	0♈34	19° 8	29°13	12°55	1°10	0°16	26°21	11°26	12°54	20°44	n.a.	W22
T 23	13 35 35	25° 1'20	0♒ 4	14°37	1°47	19°50	29°27	13° 3	1° 8	0°17	26°23	11°R27	12°50	20°50	n.a.	T 23
F 24	13 39 32	25°58'45	14°19	14°56	2°59	20°32	29°40	13°10	1° 5	0°17	26°24	11°25	12°47	20°57	n.a.	F 24
S 25	13 43 28	26°56'10	28°45	15°10	4°12	21°14	29°54	13°18	1° 3	0°18	26°25	11°22	12°44	21° 4	n.a.	S 25
S 26	13 47 25	27°53'33	13♓17	15°20	5°25	21°56	0♈ 7	13°26	1° 0	0°18	26°26	11°17	12°41	21°10	n.a.	S 26
M27	13 51 21	28°50'56	27°50	15°25	6°38	22°38	0°20	13°33	0°58	0°19	26°27	11°11	12°38	21°17	n.a.	M27
T 28	13 55 18	29°48'18	12♈19	15°R25	7°50	23°20	0°34	13°41	0°55	0°19	26°29	11° 4	12°35	21°24	n.a.	T 28
W29	13 59 14	0♉45'39	26°36	15°21	9° 3	24° 2	0°47	13°49	0°53	0°20	26°30	10°59	12°31	21°31	n.a.	W29
T 30	14 3 11	1♉42'59	10♉36	15♉13	10♈16	24♈44	1♈ 0	13♈56	0♏50	0♒20	26♓31	10♊54	12♊28	21♌37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n34	3n23	4s 7	9n21	1n43	11s 7	1s29	1n15	0s28	3s23	1s12	2n 0	2s17	11s56	0n25	20s57	0s31	16s51	16s39	22n39	22n48	19n56		n.a.
T 2	1 57	9 23	3 16	10 11	1 52	10 41	1 30	1 33	0 28	3 17	1 12	2 3	2 17	11 56	0 25	20 57	0 31	16 50	16 39	22 38	22 48	19 54		n.a.
F 3	2 20	14 45	2 15	10 58	2 0	10 15	1 31	1 51	0 27	3 11	1 12	2 6	2 17	11 55	0 25	20 56	0 31	16 50	16 39	22 38	22 47	19 52		n.a.
S 4	2 44	19 13	1 9	11 43	2 7	9 48	1 32	2 9	0 26	3 5	1 12	2 9	2 16	11 54	0 25	20 56	0 31	16 49	16 39	22 37	22 47	19 51		n.a.
S 5	3 7	22 36	0 0	12 25	2 14	9 21	1 33	2 27	0 26	3 0	1 12	2 12	2 16	11 53	0 25	20 56	0 31	16 49	16 39	22 37	22 46	19 49		n.a.
M 6	3 30	24 47	1n 6	13 5	2 20	8 54	1 34	2 45	0 25	2 54	1 12	2 15	2 16	11 53	0 25	20 56	0 31	16 48	16 39	22 37	22 46	19 47		n.a.
T 7	3 53	25 42	2 8	13 43	2 25	8 26	1 34	3 2	0 25	2 49	1 12	2 18	2 16	11 52	0 25	20 56	0 31	16 48	16 39	22 37	22 46	19 45		n.a.
W 8	4 16	25 22	3 3	14 19	2 29	7 59	1 35	3 20	0 24	2 43	1 12	2 21	2 16	11 51	0 25	20 55	0 31	16 47	16 39	22 37	22 45	19 43		n.a.
T 9	4 39	23 53	3 49	14 51	2 33	7 31	1 35	3 38	0 23	2 37	1 12	2 25	2 16	11 50	0 25	20 55	0 31	16 47	16 39	22 37	22 45	19 42		n.a.
F 10	5 2	21 21	4 26	15 22	2 36	7 3	1 36	3 55	0 23	2 32	1 12	2 28	2 16	11 49	0 25	20 55	0 31	16 46	16 39	22 36	22 44	19 40		n.a.
S 11	5 24	17 55	4 51	15 50	2 38	6 34	1 36	4 13	0 22	2 26	1 12	2 31	2 16	11 49	0 25	20 55	0 31	16 46	16 39	22 36	22 44	19 38		n.a.
S 12	5 47	13 46	5 3	16 15	2 39	6 6	1 37	4 30	0 22	2 20	1 12	2 34	2 16	11 48	0 25	20 55	0 31	16 45	16 39	22 34	22 44	19 36		n.a.
M13	6 10	9 2	5 2	16 38	2 39	5 37	1 37	4 47	0 21	2 15	1 12	2 37	2 16	11 47	0 25	20 54	0 31	16 45	16 39	22 33	22 43	19 34		n.a.
T 14	6 32	3 53	4 47	16 58	2 38	5 8	1 37	5 5	0 20	2 9	1 12	2 40	2 16	11 46	0 25	20 54	0 31	16 45	16 40	22 32	22 43	19 32		n.a.
W15	6 54	1s29	4 19	17 16	2 37	4 40	1 37	5 22	0 20	2 4	1 12	2 43	2 16	11 45	0 25	20 54	0 31	16 44	16 40	22 30	22 42	19 30		n.a.
T 16	7 17	6 54	3 38	17 32	2 34	4 10	1 37	5 39	0 19	1 58	1 12	2 46	2 16	11 44	0 25	20 54	0 32	16 44	16 40	22 29	22 42	19 29		n.a.
F 17	7 39	12 7	2 45	17 45	2 30	3 41	1 37	5 56	0 19	1 53	1 12	2 49	2 16	11 44	0 25	20 54	0 32	16 43	16 40	22 28	22 42	19 27		n.a.
S 18	8 1	16 53	1 42	17 55	2 26	3 12	1 37	6 13	0 18	1 47	1 12	2 53	2 16	11 43	0 25	20 54	0 32	16 43	16 40	22 28	22 41	19 25		n.a.
S 19	8 23	20 56	0 33	18 3	2 20	2 43	1 37	6 30	0 17	1 42	1 12	2 56	2 16	11 42	0 25	20 54	0 32	16 42	16 40	22 28	22 41	19 23		n.a.
M20	8 44	23 55	0s39	18 8	2 14	2 13	1 36	6 47	0 17	1 36	1 12	2 59	2 16	11 41	0 25	20 53	0 32	16 42	16 40	22 28	22 40	19 21		n.a.
T 21	9 6	25 35	1 50	18 12	2 7	1 43	1 36	7 4	0 16	1 31	1 13	3 2	2 16	11 40	0 25	20 53	0 32	16 42	16 40	22 28	22 40	19 19		n.a.
W22	9 28	25 42	2 56	18 12	1 58	1 14	1 36	7 21	0 16	1 25	1 13	3 5	2 16	11 39	0 25	20 53	0 32	16 41	16 41	22 28	22 40	19 17		n.a.
T 23	9 49	24 11	3 52	18 11	1 49	0 44	1 35	7 38	0 15	1 20	1 13	3 8	2 16	11 38	0 25	20 53	0 32	16 41	16 41	22 28	22 39	19 15		n.a.
F 24	10 10	21 8	4 35	18 6	1 39	0 14	1 35	7 54	0 14	1 15	1 13	3 11	2 16	11 38	0 25	20 53	0 32	16 41	16 41	22 28	22 39	19 14		n.a.
S 25	10 31	16 46	5 1	18 0	1 27	0n16	1 34	8 11	0 14	1 9	1 13	3 14	2 16	11 37	0 25	20 53	0 32	16 40	16 41	22 27	22 38	19 12		n.a.
S 26	10 52	11 23	5 8	17 51	1 15	0 45	1 33	8 27	0 13	1 4	1 13	3 17	2 17	11 36	0 25	20 53	0 32	16 40	16 41	22 27	22 38	19 10		n.a.
M27	11 13	5 23	4 56	17 40	1 2	1 15	1 32	8 44	0 13	0 58	1 13	3 20	2 17	11 35	0 25	20 53	0 32	16 40	16 41	22 26	22 38	19 8		n.a.
T 28	11 33	0n53	4 24	17 27	0 49	1 45	1 32	9 0	0 12	0 53	1 13	3 23	2 17	11 34	0 25	20 53	0 32	16 39	16 41	22 25	22 37	19 6		n.a.
W29	11 54	7 2	3 37	17 12	0 34	2 15	1 31	9 16	0 11	0 48	1 13	3 26	2 17	11 33	0 25	20 53	0 32	16 39	16 42	22 24	22 37	19 4		n.a.
T 30	12n14	12n44	2s37	16n55	0n19	2n45	1s30	9n32	0s11	0s43	1s13	3n29	2s17	11s32	0n25	20s53	0s32	16s39	16s42	22n23	22n36	19n 2		n.a.

Julian Day Number = 1493962.5, Delta T = 05h12m23s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'27, Lahiri = -12°33'27 Julian Calendar 1 Apr. 623 BCE == Greg. Calendar 25 March 623 BCE

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

MAY 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 7 8	2♉40'18	24♉16	15°R 0	11♈29	25♈25	1♈13	14♈ 4	0°R48	0♒20	26♓32	10°R51	12♊25	21♌44	n.a.	F 1
S 2	14 11 4	3°37'36	7♊33	14♉44	12°41	26° 7	1°27	14°12	0♏45	0°21	26°33	10°D50	12°22	21°51	n.a.	S 2
S 3	14 15 1	4°34'54	20°28	14°23	13°54	26°49	1°40	14°19	0°43	0°21	26°34	10♊50	12°19	21°57	n.a.	S 3
M 4	14 18 57	5°32'10	3♋ 3	14° 0	15° 7	27°30	1°53	14°27	0°40	0°21	26°36	10°51	12°16	22° 4	n.a.	M 4
T 5	14 22 54	6°29'25	15°20	13°33	16°20	28°12	2° 6	14°34	0°38	0°21	26°37	10°53	12°12	22°11	n.a.	T 5
W 6	14 26 50	7°26'39	27°24	13° 4	17°33	28°54	2°19	14°42	0°35	0°22	26°38	10°54	12° 9	22°18	n.a.	W 6
T 7	14 30 47	8°23'52	9♌20	12°33	18°46	29°35	2°32	14°49	0°33	0°22	26°39	10°R55	12° 6	22°24	n.a.	T 7
F 8	14 34 43	9°21'04	21°13	12° 1	19°59	0♉16	2°44	14°57	0°31	0°22	26°40	10°54	12° 3	22°31	n.a.	F 8
S 9	14 38 40	10°18'16	3♍ 7	11°27	21°11	0°58	2°57	15° 4	0°28	0°22	26°41	10°52	12° 0	22°38	n.a.	S 9
S 10	14 42 37	11°15'26	15° 6	10°54	22°24	1°39	3°10	15°11	0°26	0°R22	26°42	10°49	11°56	22°44	n.a.	S 10
M11	14 46 33	12°12'35	27°15	10°20	23°37	2°20	3°22	15°19	0°23	0°22	26°43	10°45	11°53	22°51	n.a.	M11
T 12	14 50 30	13° 9'44	9♎37	9°47	24°50	3° 1	3°35	15°26	0°21	0°22	26°44	10°40	11°50	22°58	n.a.	T 12
W13	14 54 26	14° 6'52	22°12	9°16	26° 3	3°43	3°47	15°33	0°18	0°22	26°45	10°36	11°47	23° 5	n.a.	W13
T 14	14 58 23	15° 3'59	5♏ 4	8°46	27°16	4°24	4° 0	15°40	0°16	0°22	26°46	10°32	11°44	23°11	n.a.	T 14
F 15	15 2 19	16° 1'06	18°10	8°19	28°29	5° 5	4°12	15°48	0°14	0°21	26°47	10°30	11°41	23°18	n.a.	F 15
S 16	15 6 16	16°58'13	1♐32	7°55	29°42	5°46	4°24	15°55	0°11	0°21	26°48	10°28	11°37	23°25	n.a.	S 16
S 17	15 10 12	17°55'19	15° 7	7°34	0♑55	6°27	4°37	16° 2	0° 9	0°21	26°49	10°D28	11°34	23°31	n.a.	S 17
M18	15 14 9	18°52'25	28°54	7°16	2° 8	7° 8	4°49	16° 9	0° 7	0°21	26°50	10°29	11°31	23°38	n.a.	M18
T 19	15 18 6	19°49'31	12♑50	7° 3	3°21	7°49	5° 1	16°16	0° 4	0°21	26°51	10°30	11°28	23°45	n.a.	T 19
W20	15 22 2	20°46'37	26°55	6°54	4°34	8°29	5°13	16°23	0° 2	0°20	26°52	10°31	11°25	23°52	n.a.	W20
T 21	15 25 59	21°43'43	11♒ 4	6°49	5°47	9°10	5°25	16°30	29♎59	0°20	26°53	10°32	11°22	23°58	n.a.	T 21
F 22	15 29 55	22°40'49	25°18	6°D48	7° 1	9°51	5°36	16°37	29°58	0°20	26°54	10°R33	11°18	24° 5	n.a.	F 22
S 23	15 33 52	23°37'54	9♓33	6°53	8°14	10°32	5°48	16°44	29°55	0°19	26°54	10°32	11°15	24°12	n.a.	S 23
S 24	15 37 48	24°35'00	23°46	7° 2	9°27	11°12	6° 0	16°50	29°53	0°19	26°55	10°31	11°12	24°18	n.a.	S 24
M25	15 41 45	25°32'07	7♈54	7°16	10°40	11°53	6°11	16°57	29°51	0°18	26°56	10°29	11° 9	24°25	n.a.	M25
T 26	15 45 42	26°29'13	21°55	7°34	11°53	12°34	6°23	17° 4	29°49	0°18	26°57	10°27	11° 6	24°32	n.a.	T 26
W27	15 49 38	27°26'19	5♉45	7°58	13° 6	13°14	6°34	17°11	29°47	0°17	26°58	10°26	11° 2	24°39	n.a.	W27
T 28	15 53 35	28°23'26	19°21	8°26	14°20	13°55	6°46	17°17	29°45	0°17	26°58	10°24	10°59	24°45	n.a.	T 28
F 29	15 57 31	29°20'32	2♊42	8°59	15°33	14°35	6°57	17°24	29°43	0°16	26°59	10°24	10°56	24°52	n.a.	F 29
S 30	16 1 28	0♊17'39	15°45	9°37	16°46	15°15	7° 8	17°30	29°41	0°16	27° 0	10°D24	10°53	24°59	n.a.	S 30
S 31	16 5 24	1♊14'46	28♊30	10♉20	18♉ 0	15♉56	7♈19	17♈37	29♎39	0♒15	27♓ 1	10♊24	10♊50	25♌ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n34	17n40	1s29	16n36	0n 3	3n14	1s29	9n48	0s10	0s37	1s13	3n32	2s17	11s32	0n25	20s53	0s32	16s38	16s42	22n23	22n36	19n 0		n.a.
S 2	12 54	21 35	0 18	16 16	0s13	3 44	1 28	10 4	0 10	0 32	1 13	3 35	2 17	11 31	0 25	20 53	0 32	16 38	16 42	22 23	22 35	18 58		n.a.
S 3	13 14	24 18	0n52	15 54	0 30	4 14	1 27	10 20	0 9	0 27	1 13	3 37	2 17	11 30	0 25	20 53	0 32	16 38	16 42	22 23	22 35	18 56		n.a.
M 4	13 33	25 42	1 58	15 31	0 47	4 43	1 25	10 36	0 8	0 22	1 13	3 40	2 17	11 29	0 25	20 53	0 32	16 37	16 43	22 23	22 35	18 54		n.a.
T 5	13 52	25 48	2 57	15 7	1 4	5 13	1 24	10 52	0 8	0 17	1 14	3 43	2 17	11 28	0 25	20 53	0 32	16 37	16 43	22 23	22 34	18 52		n.a.
W 6	14 11	24 40	3 47	14 42	1 21	5 42	1 23	11 7	0 7	0 11	1 14	3 46	2 17	11 27	0 25	20 53	0 32	16 37	16 43	22 23	22 34	18 50		n.a.
T 7	14 30	22 26	4 26	14 16	1 38	6 12	1 22	11 23	0 7	0 6	1 14	3 49	2 17	11 26	0 25	20 53	0 32	16 37	16 43	22 23	22 33	18 48		n.a.
F 8	14 48	19 15	4 54	13 50	1 54	6 41	1 20	11 38	0 6	0 1	1 14	3 52	2 17	11 25	0 25	20 53	0 32	16 36	16 43	22 23	22 33	18 46		n.a.
S 9	15 7	15 18	5 10	13 25	2 10	7 10	1 19	11 53	0 5	0n 4	1 14	3 55	2 17	11 25	0 25	20 53	0 32	16 36	16 44	22 23	22 32	18 44		n.a.
S 10	15 25	10 43	5 11	13 0	2 26	7 39	1 17	12 8	0 5	0 9	1 14	3 57	2 17	11 24	0 25	20 53	0 32	16 36	16 44	22 23	22 32	18 42		n.a.
M11	15 43	5 41	5 0	12 35	2 40	8 8	1 16	12 23	0 4	0 14	1 14	4 0	2 17	11 23	0 25	20 53	0 32	16 36	16 44	22 22	22 32	18 40		n.a.
T 12	16 0	0 20	4 34	12 12	2 54	8 36	1 14	12 38	0 4	0 19	1 14	4 3	2 17	11 22	0 25	20 53	0 32	16 36	16 44	22 21	22 31	18 38		n.a.
W13	16 18	5s 9	3 54	11 50	3 7	9 5	1 12	12 53	0 3	0 24	1 14	4 6	2 18	11 21	0 25	20 53	0 32	16 35	16 45	22 21	22 31	18 36		n.a.
T 14	16 35	10 32	3 2	11 30	3 18	9 33	1 11	13 8	0 2	0 28	1 14	4 8	2 18	11 20	0 25	20 53	0 32	16 35	16 45	22 20	22 30	18 34		n.a.
F 15	16 52	15 34	1 59	11 11	3 28	10 1	1 9	13 22	0 2	0 33	1 14	4 11	2 18	11 20	0 25	20 53	0 32	16 35	16 45	22 20	22 30	18 32		n.a.
S 16	17 8	19 57	0 49	10 55	3 38	10 29	1 7	13 37	0 1	0 38	1 15	4 14	2 18	11 19	0 25	20 53	0 32	16 35	16 45	22 20	22 29	18 30		n.a.
S 17	17 24	23 21	0s26	10 41	3 45	10 56	1 5	13 51	0 0	0 43	1 15	4 16	2 18	11 18	0 24	20 53	0 32	16 35	16 46	22 20	22 29	18 28		n.a.
M18	17 41	25 26	1 40	10 29	3 52	11 23	1 3	14 5	0n 0	0 48	1 15	4 19	2 18	11 17	0 24	20 53	0 32	16 35	16 46	22 20	22 29	18 26		n.a.
T 19	17 56	25 57	2 49	10 19	3 57	11 51	1 1	14 19	0 1	0 52	1 15	4 22	2 18	11 16	0 24	20 53	0 32	16 34	16 46	22 20	22 28	18 24		n.a.
W20	18 12	24 48	3 49	10 13	4 1	12 17	0 59	14 33	0 1	0 57	1 15	4 24	2 18	11 16	0 24	20 53	0 33	16 34	16 46	22 20	22 28	18 22		n.a.
T 21	18 27	22 5	4 35	10 9	4 3	12 44	0 57	14 47	0 2	1 2	1 15	4 27	2 18	11 15	0 24	20 53	0 33	16 34	16 47	22 20	22 27	18 20		n.a.
F 22	18 42	18 2	5 4	10 7	4 5	13 10	0 55	15 1	0 3	1 6	1 15	4 29	2 18	11 14	0 24	20 53	0 33	16 34	16 47	22 20	22 27	18 18		n.a.
S 23	18 56	12 57	5 15	10 9	4 5	13 36	0 53	15 14	0 3	1 11	1 15	4 32	2 19	11 13	0 24	20 54	0 33	16 34	16 47	22 20	22 26	18 16		n.a.
S 24	19 11	7 12	5 7	10 13	4 4	14 2	0 51	15 28	0 4	1 16	1 16	4 35	2 19	11 12	0 24	20 54	0 33	16 34	16 47	22 20	22 26	18 14		n.a.
M25	19 25	1 6	4 40	10 19	4 2	14 27	0 49	15 41	0 4	1 20	1 16	4 37	2 19	11 12	0 24	20 54	0 33	16 34	16 48	22 20	22 25	18 12		n.a.
T 26	19 38	5n 0	3 57	10 28	3 58	14 52	0 47	15 54	0 5	1 25	1 16	4 40	2 19	11 11	0 24	20 54	0 33	16 34	16 48	22 19	22 25	18 10		n.a.
W27	19 52	10 48	3 0	10 40	3 54	15 17	0 45	16 7	0 6	1 29	1 16	4 42	2 19	11 10	0 24	20 54	0 33	16 34	16 48	22 19	22 25	18 8		n.a.
T 28	20 5	15 59	1 54	10 54	3 49	15 41	0 43	16 20	0 6	1 34	1 16	4 44	2 19	11 9	0 24	20 54	0 33	16 34	16 49	22 19	22 24	18 6		n.a.
F 29	20 17	20 18	0 42	11 10	3 43	16 5	0 40	16 33	0 7	1 38	1 16	4 47	2 19	11 9	0 24	20 54	0 33	16 34	16 49	22 19	22 24	18 4		n.a.
S 30	20 30	23 29	0n30	11 29	3 36	16 28	0 38	16 45	0 7	1 42	1 16	4 49	2 19	11 8	0 24	20 55	0 33	16 34	16 49	22 19	22 23	18 1		n.a.
S 31	20n42	25n24	1n39	11n50	3s28	16n51	0s36	16n58	0n 8	1n46	1s16	4n52	2s20	11s 7	0n24	20s55	0s33	16s34	16s49	22n19	22n23	17n59		n.a.

Julian Day Number = 1493992.5, Delta T = 05h12m21s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'23, Lahiri = -12°33'23 Julian Calendar 1 May 623 BCE == Greg. Calendar 24 Apr. 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

JUNE 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 9 21	2♊11'52	11♋ 0	11♉ 7	19♉13	16♉36	7♈30	17♈43	29°R37	0°R14	27♓ 1	10♊25	10♊47	25♌12	n.a.	M 1
T 2	16 13 17	3° 8'59	23°15	11°59	20°26	17°16	7°41	17°50	29♎35	0♒14	27° 2	10°26	10°43	25°19	n.a.	T 2
W 3	16 17 14	4° 6'06	5♌19	12°55	21°40	17°56	7°52	17°56	29°33	0°13	27° 3	10°26	10°40	25°26	n.a.	W 3
T 4	16 21 11	5° 3'12	17°16	13°56	22°53	18°37	8° 2	18° 2	29°31	0°12	27° 3	10°27	10°37	25°32	n.a.	T 4
F 5	16 25 7	6° 0'19	29° 9	15° 1	24° 6	19°17	8°13	18° 8	29°29	0°12	27° 4	10°27	10°34	25°39	n.a.	F 5
S 6	16 29 4	6°57'25	11♍ 3	16°10	25°20	19°57	8°23	18°14	29°27	0°11	27° 4	10°R27	10°31	25°46	n.a.	S 6
S 7	16 33 0	7°54'32	23° 3	17°24	26°33	20°37	8°34	18°20	29°26	0°10	27° 5	10°27	10°28	25°53	n.a.	S 7
M 8	16 36 57	8°51'38	5♎13	18°42	27°47	21°17	8°44	18°26	29°24	0° 9	27° 6	10°27	10°24	25°59	n.a.	M 8
T 9	16 40 53	9°48'45	17°38	20° 4	29° 0	21°57	8°54	18°32	29°22	0° 8	27° 6	10°27	10°21	26° 6	n.a.	T 9
W10	16 44 50	10°45'52	0♏20	21°30	0♊14	22°37	9° 4	18°38	29°20	0° 7	27° 7	10°D27	10°18	26°13	n.a.	W10
T 11	16 48 46	11°42'59	13°21	23° 0	1°27	23°17	9°14	18°44	29°19	0° 6	27° 7	10°27	10°15	26°19	n.a.	T 11
F 12	16 52 43	12°40'07	26°43	24°34	2°41	23°56	9°24	18°50	29°17	0° 5	27° 8	10°27	10°12	26°26	n.a.	F 12
S 13	16 56 40	13°37'15	10♐25	26°11	3°54	24°36	9°33	18°55	29°16	0° 4	27° 8	10°R27	10° 8	26°33	n.a.	S 13
S 14	17 0 36	14°34'23	24°25	27°53	5° 8	25°16	9°43	19° 1	29°14	0° 3	27° 9	10°27	10° 5	26°40	n.a.	S 14
M15	17 4 33	15°31'33	8♑38	29°38	6°21	25°56	9°53	19° 6	29°13	0° 2	27° 9	10°27	10° 2	26°46	n.a.	M15
T 16	17 8 29	16°28'43	23° 2	1♊26	7°35	26°35	10° 2	19°12	29°11	0° 1	27° 9	10°26	9°59	26°53	n.a.	T 16
W17	17 12 26	17°25'53	7♒30	3°17	8°49	27°15	10°11	19°17	29°10	0° 0	27°10	10°25	9°56	27° 0	n.a.	W17
T 18	17 16 22	18°23'05	21°57	5°11	10° 2	27°54	10°20	19°23	29° 9	29♑59	27°10	10°25	9°53	27° 6	n.a.	T 18
F 19	17 20 19	19°20'18	6♓20	7° 8	11°16	28°34	10°29	19°28	29° 7	29°58	27°10	10°24	9°49	27°13	n.a.	F 19
S 20	17 24 16	20°17'31	20°34	9° 6	12°30	29°13	10°38	19°33	29° 6	29°57	27°11	10°D24	9°46	27°20	n.a.	S 20
S 21	17 28 12	21°14'46	4♈38	11° 7	13°44	29°53	10°47	19°38	29° 5	29°56	27°11	10°24	9°43	27°27	n.a.	S 21
M22	17 32 9	22°12'02	18°28	13°10	14°57	0♊32	10°55	19°43	29° 4	29°54	27°11	10°25	9°40	27°33	n.a.	M22
T 23	17 36 5	23° 9'19	2♉ 6	15°14	16°11	1°12	11° 4	19°48	29° 3	29°53	27°12	10°26	9°37	27°40	n.a.	T 23
W24	17 40 2	24° 6'37	15°31	17°19	17°25	1°51	11°12	19°53	29° 1	29°52	27°12	10°27	9°34	27°47	n.a.	W24
T 25	17 43 58	25° 3'56	28°42	19°24	18°39	2°30	11°21	19°58	29° 0	29°51	27°12	10°28	9°30	27°53	n.a.	T 25
F 26	17 47 55	26° 1'16	11♊39	21°30	19°53	3°10	11°29	20° 2	28°59	29°49	27°12	10°R28	9°27	28° 0	n.a.	F 26
S 27	17 51 51	26°58'38	24°23	23°37	21° 7	3°49	11°37	20° 7	28°58	29°48	27°12	10°27	9°24	28° 7	n.a.	S 27
S 28	17 55 48	27°56'00	6♋55	25°42	22°20	4°28	11°44	20°12	28°58	29°47	27°13	10°26	9°21	28°14	n.a.	S 28
M29	17 59 45	28°53'23	19°15	27°48	23°34	5° 7	11°52	20°16	28°57	29°45	27°13	10°24	9°18	28°20	n.a.	M29
T 30	18 3 41	29♊50'48	1♌24	29♊53	24♊48	5♊46	12♈ 0	20♈20	28♎56	29♑44	27♓13	10♊21	9♊14	28♌27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n53	25n59	2n41	12n12	3s20	17n14	0s33	17n10	0n 9	1n51	1s17	4n54	2s20	11s 7	0n24	20s55	0s33	16s34	16s50	22n19	22n22	17n57		n.a.
T 2	21 5	25 17	3 36	12 37	3 11	17 36	0 31	17 22	0 9	1 55	1 17	4 56	2 20	11 6	0 24	20 55	0 33	16 34	16 50	22 19	22 22	17 55		n.a.
W 3	21 16	23 23	4 19	13 3	3 1	17 58	0 29	17 34	0 10	1 59	1 17	4 58	2 20	11 5	0 24	20 55	0 33	16 34	16 50	22 19	22 21	17 53		n.a.
T 4	21 26	20 29	4 51	13 31	2 51	18 19	0 26	17 46	0 11	2 3	1 17	5 1	2 20	11 5	0 24	20 55	0 33	16 34	16 51	22 19	22 21	17 51		n.a.
F 5	21 36	16 46	5 11	14 1	2 40	18 40	0 24	17 58	0 11	2 7	1 17	5 3	2 20	11 4	0 24	20 56	0 33	16 34	16 51	22 19	22 20	17 49		n.a.
S 6	21 46	12 23	5 17	14 32	2 29	19 1	0 22	18 10	0 12	2 11	1 17	5 5	2 21	11 3	0 24	20 56	0 33	16 34	16 51	22 19	22 20	17 47		n.a.
S 7	21 56	7 31	5 9	15 4	2 17	19 20	0 19	18 21	0 12	2 15	1 18	5 7	2 21	11 3	0 24	20 56	0 33	16 34	16 52	22 19	22 20	17 45		n.a.
M 8	22 5	2 17	4 48	15 37	2 5	19 40	0 17	18 32	0 13	2 19	1 18	5 10	2 21	11 2	0 24	20 56	0 33	16 34	16 52	22 19	22 19	17 42		n.a.
T 9	22 14	3s 8	4 13	16 11	1 53	19 59	0 14	18 44	0 14	2 23	1 18	5 12	2 21	11 2	0 24	20 56	0 33	16 34	16 52	22 19	22 19	17 40		n.a.
W10	22 22	8 33	3 24	16 46	1 41	20 17	0 12	18 54	0 14	2 27	1 18	5 14	2 21	11 1	0 24	20 57	0 33	16 34	16 53	22 19	22 18	17 38		n.a.
T 11	22 30	13 46	2 25	17 21	1 28	20 35	0 10	19 5	0 15	2 31	1 18	5 16	2 21	11 1	0 24	20 57	0 33	16 34	16 53	22 19	22 18	17 36		n.a.
F 12	22 38	18 28	1 15	17 57	1 16	20 52	0 7	19 16	0 15	2 35	1 18	5 18	2 21	11 0	0 24	20 57	0 33	16 34	16 53	22 19	22 17	17 34		n.a.
S 13	22 45	22 19	0 0	18 33	1 3	21 9	0 5	19 27	0 16	2 38	1 18	5 20	2 22	10 59	0 24	20 57	0 33	16 34	16 54	22 19	22 17	17 32		n.a.
S 14	22 52	24 56	1s17	19 9	0 50	21 25	0 2	19 37	0 17	2 42	1 19	5 22	2 22	10 59	0 24	20 58	0 33	16 34	16 54	22 19	22 16	17 29		n.a.
M15	22 58	25 59	2 30	19 44	0 37	21 40	0 0	19 47	0 17	2 46	1 19	5 24	2 22	10 58	0 24	20 58	0 33	16 35	16 54	22 19	22 16	17 27		n.a.
T 16	23 4	25 18	3 35	20 19	0 25	21 55	0n 2	19 57	0 18	2 49	1 19	5 26	2 22	10 58	0 24	20 58	0 33	16 35	16 55	22 19	22 15	17 25		n.a.
W17	23 10	22 56	4 26	20 54	0 13	22 9	0 5	20 7	0 19	2 53	1 19	5 28	2 22	10 57	0 24	20 58	0 33	16 35	16 55	22 19	22 15	17 23		n.a.
T 18	23 15	19 6	5 0	21 27	0 1	22 23	0 7	20 17	0 19	2 56	1 19	5 29	2 23	10 57	0 24	20 59	0 33	16 35	16 55	22 19	22 14	17 21		n.a.
F 19	23 20	14 11	5 16	21 59	0n11	22 36	0 10	20 26	0 20	2 59	1 20	5 31	2 23	10 57	0 24	20 59	0 33	16 35	16 56	22 19	22 14	17 18		n.a.
S 20	23 25	8 33	5 11	22 29	0 22	22 48	0 12	20 36	0 20	3 3	1 20	5 33	2 23	10 56	0 24	20 59	0 33	16 35	16 56	22 19	22 13	17 16		n.a.
S 21	23 29	2 33	4 49	22 57	0 32	23 0	0 14	20 45	0 21	3 6	1 20	5 35	2 23	10 56	0 24	20 59	0 33	16 35	16 56	22 19	22 13	17 14		n.a.
M22	23 32	3n30	4 9	23 24	0 42	23 11	0 17	20 54	0 22	3 9	1 20	5 37	2 23	10 55	0 24	21 0	0 33	16 36	16 57	22 19	22 12	17 12		n.a.
T 23	23 35	9 18	3 16	23 48	0 52	23 21	0 19	21 3	0 22	3 13	1 20	5 38	2 24	10 55	0 24	21 0	0 33	16 36	16 57	22 19	22 12	17 10		n.a.
W24	23 38	14 35	2 14	24 9	1 0	23 31	0 21	21 11	0 23	3 16	1 20	5 40	2 24	10 55	0 24	21 0	0 33	16 36	16 57	22 19	22 11	17 7		n.a.
T 25	23 41	19 6	1 5	24 29	1 8	23 40	0 24	21 20	0 23	3 19	1 21	5 42	2 24	10 54	0 24	21 1	0 34	16 36	16 58	22 20	22 11	17 5		n.a.
F 26	23 43	22 36	0n 7	24 45	1 16	23 49	0 26	21 28	0 24	3 22	1 21	5 43	2 24	10 54	0 24	21 1	0 34	16 37	16 58	22 20	22 11	17 3		n.a.
S 27	23 44	24 55	1 16	24 59	1 22	23 56	0 28	21 37	0 25	3 25	1 21	5 45	2 24	10 54	0 24	21 1	0 34	16 37	16 58	22 20	22 10	17 1		n.a.
S 28	23 45	25 56	2 21	25 10	1 28	24 3	0 30	21 45	0 25	3 28	1 21	5 46	2 25	10 53	0 24	21 1	0 34	16 37	16 59	22 19	22 10	16 59		n.a.
M29	23 46	25 38	3 18	25 18	1 33	24 9	0 33	21 52	0 26	3 30	1 21	5 48	2 25	10 53	0 24	21 2	0 34	16 37	16 59	22 19	22 9	16 56		n.a.
T 30	23n46	24n 6	4n 5	25n24	1n38	24n15	0n35	22n 0	0n26	3n33	1s22	5n49	2s25	10s53	0n24	21s 2	0s34	16s38	16s59	22n19	22n 9	16n54		n.a.

Julian Day Number = 1494023.5, Delta T = 05h12m20s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'19, Lahiri = -12°33'19 Julian Calendar 1 June 623 BCE == Greg. Calendar 25 May 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

JULY 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 7 38	0♋48'13	13♌25	1♋57	26♊ 2	6♊25	12♈ 7	20♈25	28°R55	29°R43	27♓13	10°R18	9♊11	28♌34	n.a.	W 1
T 2	18 11 34	1°45'39	25°20	4° 0	27°16	7° 4	12°14	20°29	28♎55	29♑41	27°13	10♊15	9° 8	28°41	n.a.	T 2
F 3	18 15 31	2°43'06	7♍12	6° 2	28°30	7°43	12°21	20°33	28°54	29°40	27°13	10°12	9° 5	28°47	n.a.	F 3
S 4	18 19 27	3°40'34	19° 5	8° 3	29°44	8°22	12°28	20°37	28°53	29°38	27°13	10°10	9° 2	28°54	n.a.	S 4
S 5	18 23 24	4°38'03	1♎ 4	10° 3	0♋58	9° 1	12°35	20°41	28°53	29°37	27°R13	10°D 9	8°59	29° 1	n.a.	S 5
M 6	18 27 20	5°35'32	13°12	12° 1	2°13	9°40	12°42	20°45	28°52	29°36	27°13	10° 9	8°55	29° 7	n.a.	M 6
T 7	18 31 17	6°33'03	25°35	13°58	3°27	10°19	12°48	20°49	28°52	29°34	27°13	10°11	8°52	29°14	n.a.	T 7
W 8	18 35 14	7°30'35	8♏16	15°53	4°41	10°57	12°54	20°52	28°51	29°33	27°13	10°12	8°49	29°21	n.a.	W 8
T 9	18 39 10	8°28'08	21°20	17°47	5°55	11°36	13° 1	20°56	28°51	29°31	27°13	10°14	8°46	29°28	n.a.	T 9
F 10	18 43 7	9°25'42	4♐48	19°40	7° 9	12°15	13° 7	20°59	28°51	29°30	27°13	10°R15	8°43	29°34	n.a.	F 10
S 11	18 47 3	10°23'17	18°42	21°31	8°23	12°53	13°12	21° 3	28°50	29°28	27°13	10°14	8°40	29°41	n.a.	S 11
S 12	18 51 0	11°20'54	3♑ 0	23°20	9°37	13°32	13°18	21° 6	28°50	29°27	27°12	10°13	8°36	29°48	n.a.	S 12
M13	18 54 56	12°18'32	17°37	25° 8	10°52	14°11	13°24	21° 9	28°50	29°25	27°12	10°10	8°33	29°55	n.a.	M13
T 14	18 58 53	13°16'12	2♒27	26°55	12° 6	14°49	13°29	21°12	28°50	29°23	27°12	10° 6	8°30	0♍ 1	n.a.	T 14
W15	19 2 50	14°13'53	17°22	28°40	13°20	15°28	13°34	21°15	28°D50	29°22	27°12	10° 1	8°27	0° 8	n.a.	W15
T 16	19 6 46	15°11'36	2♓13	0♌24	14°35	16° 6	13°39	21°18	28°50	29°20	27°12	9°56	8°24	0°15	n.a.	T 16
F 17	19 10 43	16° 9'20	16°52	2° 7	15°49	16°45	13°44	21°21	28°50	29°19	27°11	9°52	8°20	0°21	n.a.	F 17
S 18	19 14 39	17° 7'06	1♈16	3°48	17° 3	17°23	13°49	21°24	28°50	29°17	27°11	9°50	8°17	0°28	n.a.	S 18
S 19	19 18 36	18° 4'54	15°20	5°27	18°18	18° 1	13°53	21°26	28°50	29°16	27°11	9°D49	8°14	0°35	n.a.	S 19
M20	19 22 32	19° 2'44	29° 3	7° 5	19°32	18°40	13°58	21°29	28°50	29°14	27°11	9°49	8°11	0°42	n.a.	M20
T 21	19 26 29	20° 0'36	12♉28	8°42	20°46	19°18	14° 2	21°31	28°51	29°12	27°10	9°50	8° 8	0°48	n.a.	T 21
W22	19 30 25	20°58'30	25°34	10°18	22° 1	19°56	14° 6	21°33	28°51	29°11	27°10	9°51	8° 5	0°55	n.a.	W22
T 23	19 34 22	21°56'26	8♊25	11°52	23°15	20°34	14° 9	21°36	28°51	29° 9	27° 9	9°R52	8° 1	1° 2	n.a.	T 23
F 24	19 38 19	22°54'24	21° 3	13°25	24°30	21°13	14°13	21°38	28°52	29° 7	27° 9	9°52	7°58	1° 8	n.a.	F 24
S 25	19 42 15	23°52'23	3♋29	14°56	25°44	21°51	14°16	21°40	28°52	29° 6	27° 9	9°49	7°55	1°15	n.a.	S 25
S 26	19 46 12	24°50'25	15°46	16°26	26°59	22°29	14°20	21°42	28°53	29° 4	27° 8	9°44	7°52	1°22	n.a.	S 26
M27	19 50 8	25°48'28	27°55	17°55	28°13	23° 7	14°23	21°43	28°53	29° 3	27° 8	9°38	7°49	1°29	n.a.	M27
T 28	19 54 5	26°46'33	9♌57	19°22	29°28	23°45	14°26	21°45	28°54	29° 1	27° 7	9°29	7°46	1°35	n.a.	T 28
W29	19 58 1	27°44'40	21°53	20°48	0♌42	24°23	14°28	21°47	28°55	28°59	27° 7	9°20	7°42	1°42	n.a.	W29
T 30	20 1 58	28°42'48	3♍46	22°12	1°57	25° 1	14°31	21°48	28°55	28°58	27° 6	9°11	7°39	1°49	n.a.	T 30
F 31	20 5 54	29♋40'58	15♍37	23♌35	3♌11	25♊39	14♈33	21♈49	28♎56	28♑56	27♓ 6	9♊ 3	7♊36	1♍56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n46	21n29	4n40	25n27	1n41	24n19	0n37	22n 8	0n27	3n36	1s22	5n51	2s25	10s53	0n23	21s 2	0s34	16s38	17s 0	22n18	22n 8	16n52			n.a.
T 2	23 46	18 0	5 4	25 27	1 44	24 24	0 39	22 15	0 28	3 39	1 22	5 52	2 25	10 52	0 23	21 3	0 34	16 38	17 0	22 18	22 8	16 50			n.a.
F 3	23 45	13 49	5 14	25 24	1 46	24 27	0 41	22 22	0 28	3 41	1 22	5 53	2 26	10 52	0 23	21 3	0 34	16 38	17 0	22 17	22 7	16 47			n.a.
S 4	23 43	9 7	5 10	25 19	1 48	24 29	0 43	22 29	0 29	3 44	1 22	5 55	2 26	10 52	0 23	21 3	0 34	16 39	17 1	22 17	22 7	16 45			n.a.
S 5	23 41	4 3	4 53	25 11	1 49	24 31	0 45	22 36	0 30	3 46	1 23	5 56	2 26	10 52	0 23	21 4	0 34	16 39	17 1	22 17	22 6	16 43			n.a.
M 6	23 39	1s15	4 23	25 1	1 49	24 32	0 47	22 42	0 30	3 49	1 23	5 57	2 26	10 52	0 23	21 4	0 34	16 39	17 1	22 17	22 6	16 40			n.a.
T 7	23 36	6 36	3 41	24 49	1 48	24 33	0 49	22 49	0 31	3 51	1 23	5 58	2 27	10 51	0 23	21 4	0 34	16 40	17 2	22 17	22 5	16 38			n.a.
W 8	23 33	11 50	2 46	24 35	1 47	24 32	0 51	22 55	0 31	3 53	1 23	6 0	2 27	10 51	0 23	21 5	0 34	16 40	17 2	22 17	22 5	16 36			n.a.
T 9	23 30	16 42	1 42	24 19	1 46	24 31	0 53	23 1	0 32	3 56	1 24	6 1	2 27	10 51	0 23	21 5	0 34	16 40	17 2	22 17	22 4	16 34			n.a.
F 10	23 26	20 54	0 30	24 1	1 44	24 29	0 55	23 7	0 33	3 58	1 24	6 2	2 27	10 51	0 23	21 5	0 34	16 41	17 3	22 18	22 4	16 31			n.a.
S 11	23 21	24 3	0s46	23 41	1 41	24 26	0 56	23 12	0 33	4 0	1 24	6 3	2 27	10 51	0 23	21 6	0 34	16 41	17 3	22 18	22 3	16 29			n.a.
S 12	23 17	25 45	2 1	23 20	1 38	24 23	0 58	23 18	0 34	4 2	1 24	6 4	2 28	10 51	0 23	21 6	0 34	16 41	17 3	22 17	22 3	16 27			n.a.
M13	23 12	25 44	3 10	22 57	1 34	24 19	1 0	23 23	0 34	4 4	1 24	6 5	2 28	10 51	0 23	21 6	0 34	16 42	17 4	22 17	22 2	16 24			n.a.
T 14	23 6	23 53	4 7	22 33	1 31	24 14	1 1	23 28	0 35	4 6	1 25	6 6	2 28	10 51	0 23	21 7	0 34	16 42	17 4	22 16	22 2	16 22			n.a.
W15	23 0	20 24	4 47	22 7	1 26	24 8	1 3	23 33	0 36	4 8	1 25	6 7	2 28	10 51	0 23	21 7	0 34	16 42	17 4	22 16	22 1	16 20			n.a.
T 16	22 54	15 37	5 8	21 40	1 21	24 2	1 5	23 38	0 36	4 9	1 25	6 8	2 29	10 51	0 23	21 7	0 34	16 43	17 5	22 15	22 1	16 17			n.a.
F 17	22 47	9 58	5 9	21 12	1 16	23 55	1 6	23 43	0 37	4 11	1 25	6 8	2 29	10 51	0 23	21 8	0 34	16 43	17 5	22 14	22 0	16 15			n.a.
S 18	22 39	3 54	4 50	20 43	1 11	23 47	1 8	23 47	0 37	4 13	1 26	6 9	2 29	10 51	0 23	21 8	0 34	16 44	17 5	22 14	22 0	16 13			n.a.
S 19	22 32	2n14	4 13	20 13	1 5	23 38	1 9	23 51	0 38	4 14	1 26	6 10	2 29	10 51	0 23	21 9	0 34	16 44	17 6	22 14	21 59	16 10			n.a.
M20	22 24	8 8	3 23	19 42	0 59	23 29	1 10	23 55	0 39	4 16	1 26	6 11	2 30	10 51	0 23	21 9	0 34	16 44	17 6	22 14	21 59	16 8			n.a.
T 21	22 15	13 31	2 23	19 11	0 53	23 19	1 12	23 59	0 39	4 17	1 26	6 11	2 30	10 51	0 23	21 9	0 34	16 45	17 6	22 14	21 58	16 6			n.a.
W22	22 7	18 10	1 17	18 38	0 46	23 8	1 13	24 3	0 40	4 18	1 26	6 12	2 30	10 52	0 23	21 10	0 34	16 45	17 7	22 14	21 58	16 3			n.a.
T 23	21 57	21 53	0 8	18 6	0 39	22 57	1 14	24 6	0 41	4 20	1 27	6 13	2 30	10 52	0 23	21 10	0 34	16 46	17 7	22 14	21 57	16 1			n.a.
F 24	21 48	24 28	1n 0	17 32	0 32	22 45	1 15	24 10	0 41	4 21	1 27	6 13	2 31	10 52	0 23	21 10	0 34	16 46	17 7	22 14	21 56	15 59			n.a.
S 25	21 38	25 48	2 4	16 58	0 25	22 32	1 16	24 13	0 42	4 22	1 27	6 14	2 31	10 52	0 23	21 11	0 34	16 47	17 7	22 14	21 56	15 56			n.a.
S 26	21 27	25 50	3 1	16 24	0 17	22 19	1 17	24 16	0 42	4 23	1 27	6 14	2 31	10 52	0 23	21 11	0 34	16 47	17 8	22 13	21 55	15 54			n.a.
M27	21 17	24 37	3 50	15 49	0 9	22 5	1 18	24 18	0 43	4 24	1 28	6 15	2 31	10 53	0 23	21 11	0 34	16 48	17 8	22 12	21 55	15 52			n.a.
T 28	21 6	22 17	4 27	15 14	0 1	21 50	1 19	24 21	0 44	4 25	1 28	6 15	2 32	10 53	0 23	21 12	0 34	16 48	17 8	22 11	21 54	15 49			n.a.
W29	20 54	19 0	4 52	14 39	0s 7	21 35	1 20	24 23	0 44	4 26	1 28	6 15	2 32	10 53	0 23	21 12	0 34	16 48	17 9	22 9	21 54	15 47			n.a.
T 30	20 42	14 59	5 5	14 4	0 15	21 19	1 21	24 25	0 45	4 27	1 28	6 16	2 32	10 53	0 23	21 12	0 34	16 49	17 9	22 8	21 53	15 44			n.a.
F 31	20n30	10n24	5n 4	13n29	0s23	21n 2	1n21	24n27	0n45	4n27	1s29	6n16	2s32	10s54	0n23	21s13	0s34	16s49	17s 9	22n 7	21n53	15n42			n.a.

Julian Day Number = 1494053.5, Delta T = 05h12m18s
Ecliptic obliquity = 23°46'16, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'15, Lahiri = -12°33'14 Julian Calendar 1 July 623 BCE == Greg. Calendar 24 June 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

AUGUST 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 9 51	0♌39'10	27♍29	24♌57	4♌26	26♊16	14♈35	21♈51	28♎57	28°R54	27°R 5	8°R56	7♊33	2♍ 2	n.a.	S 1
S 2	20 13 48	1°37'23	9♎26	26°17	5°41	26°54	14°37	21°52	28°58	28♑53	27♓ 5	8♊51	7°30	2° 9	n.a.	S 2
M 3	20 17 44	2°35'38	21°31	27°35	6°55	27°32	14°39	21°53	28°59	28°51	27° 4	8°48	7°26	2°16	n.a.	M 3
T 4	20 21 41	3°33'55	3♏50	28°52	8°10	28°10	14°40	21°54	29° 0	28°49	27° 4	8°D48	7°23	2°22	n.a.	T 4
W 5	20 25 37	4°32'13	16°26	0♍ 7	9°24	28°47	14°41	21°54	29° 1	28°48	27° 3	8°48	7°20	2°29	n.a.	W 5
T 6	20 29 34	5°30'33	29°26	1°20	10°39	29°25	14°43	21°55	29° 2	28°46	27° 2	8°49	7°17	2°36	n.a.	T 6
F 7	20 33 30	6°28'55	12♐51	2°32	11°54	0♋ 3	14°43	21°56	29° 3	28°44	27° 2	8°R49	7°14	2°43	n.a.	F 7
S 8	20 37 27	7°27'18	26°46	3°41	13° 8	0°40	14°44	21°56	29° 4	28°43	27° 1	8°48	7°11	2°49	n.a.	S 8
S 9	20 41 23	8°25'44	11♑ 9	4°49	14°23	1°18	14°45	21°57	29° 6	28°41	27° 0	8°44	7° 7	2°56	n.a.	S 9
M10	20 45 20	9°24'11	25°57	5°55	15°38	1°55	14°45	21°57	29° 7	28°40	27° 0	8°38	7° 4	3° 3	n.a.	M10
T 11	20 49 17	10°22'40	11♒ 3	6°58	16°52	2°33	14°R45	21°57	29° 8	28°38	26°59	8°30	7° 1	3°10	n.a.	T 11
W12	20 53 13	11°21'11	26°18	7°59	18° 7	3°10	14°45	21°R57	29°10	28°36	26°58	8°21	6°58	3°16	n.a.	W12
T 13	20 57 10	12°19'44	11♓30	8°57	19°22	3°48	14°45	21°57	29°11	28°35	26°57	8°12	6°55	3°23	n.a.	T 13
F 14	21 1 6	13°18'19	26°30	9°53	20°37	4°25	14°44	21°57	29°13	28°33	26°57	8° 3	6°51	3°30	n.a.	F 14
S 15	21 5 3	14°16'57	11♈ 9	10°45	21°51	5° 2	14°44	21°56	29°14	28°32	26°56	7°57	6°48	3°36	n.a.	S 15
S 16	21 8 59	15°15'37	25°22	11°35	23° 6	5°40	14°43	21°56	29°16	28°30	26°55	7°53	6°45	3°43	n.a.	S 16
M17	21 12 56	16°14'19	9♉ 9	12°21	24°21	6°17	14°42	21°56	29°17	28°29	26°54	7°52	6°42	3°50	n.a.	M17
T 18	21 16 52	17°13'04	22°30	13° 3	25°36	6°54	14°40	21°55	29°19	28°27	26°53	7°D52	6°39	3°57	n.a.	T 18
W19	21 20 49	18°11'51	5♊29	13°42	26°51	7°31	14°39	21°54	29°21	28°25	26°53	7°R52	6°36	4° 3	n.a.	W19
T 20	21 24 45	19°10'41	18° 9	14°16	28° 5	8° 8	14°37	21°53	29°22	28°24	26°52	7°52	6°32	4°10	n.a.	T 20
F 21	21 28 42	20° 9'33	0♋34	14°46	29°20	8°45	14°35	21°52	29°24	28°22	26°51	7°50	6°29	4°17	n.a.	F 21
S 22	21 32 39	21° 8'27	12°47	15°11	0♍35	9°22	14°33	21°51	29°26	28°21	26°50	7°45	6°26	4°24	n.a.	S 22
S 23	21 36 35	22° 7'24	24°53	15°30	1°50	9°59	14°31	21°50	29°28	28°19	26°49	7°37	6°23	4°30	n.a.	S 23
M24	21 40 32	23° 6'23	6♌52	15°44	3° 5	10°36	14°28	21°49	29°30	28°18	26°48	7°27	6°20	4°37	n.a.	M24
T 25	21 44 28	24° 5'24	18°48	15°52	4°19	11°13	14°26	21°48	29°32	28°17	26°47	7°14	6°17	4°44	n.a.	T 25
W26	21 48 25	25° 4'27	0♍41	15°R53	5°34	11°50	14°23	21°46	29°34	28°15	26°46	7° 0	6°13	4°50	n.a.	W26
T 27	21 52 21	26° 3'33	12°32	15°47	6°49	12°27	14°20	21°44	29°36	28°14	26°45	6°46	6°10	4°57	n.a.	T 27
F 28	21 56 18	27° 2'40	24°24	15°34	8° 4	13° 4	14°17	21°43	29°38	28°12	26°44	6°32	6° 7	5° 4	n.a.	F 28
S 29	22 0 14	28° 1'49	6♎18	15°13	9°19	13°40	14°13	21°41	29°41	28°11	26°43	6°21	6° 4	5°11	n.a.	S 29
S 30	22 4 11	29° 1'01	18°17	14°45	10°34	14°17	14° 9	21°39	29°43	28°10	26°42	6°13	6° 1	5°17	n.a.	S 30
M31	22 8 7	0♍ 0'14	0♏23	14♍ 9	11♍49	14♋54	14♈ 6	21♈37	29♎45	28♑ 8	26♓41	6♊ 7	5♊57	5♍24	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n17	5n27	4n50	12n53	0s32	20n45	1n22	24n29	0n46	4n28	1s29	6n16	2s33	10s54	0n23	21s13	0s34	16s50	17s10	22n 6	21n52	15n40		n.a.
S 2	20 4	0 15	4 24	12 18	0 41	20 27	1 23	24 31	0 47	4 28	1 29	6 16	2 33	10 54	0 23	21 14	0 34	16 50	17 10	22 5	21 52	15 37		n.a.
M 3	19 51	5s 1	3 46	11 42	0 49	20 8	1 23	24 32	0 47	4 29	1 29	6 16	2 33	10 55	0 23	21 14	0 34	16 51	17 10	22 4	21 51	15 35		n.a.
T 4	19 38	10 13	2 56	11 7	0 58	19 49	1 24	24 33	0 48	4 29	1 29	6 17	2 33	10 55	0 22	21 14	0 34	16 51	17 10	22 4	21 51	15 32		n.a.
W 5	19 24	15 7	1 57	10 33	1 7	19 30	1 24	24 34	0 49	4 29	1 30	6 17	2 34	10 56	0 22	21 15	0 34	16 52	17 11	22 4	21 50	15 30		n.a.
T 6	19 9	19 30	0 50	9 58	1 16	19 9	1 24	24 35	0 49	4 30	1 30	6 17	2 34	10 56	0 22	21 15	0 34	16 52	17 11	22 5	21 50	15 28		n.a.
F 7	18 55	23 1	0s22	9 24	1 25	18 49	1 25	24 36	0 50	4 30	1 30	6 17	2 34	10 56	0 22	21 15	0 34	16 53	17 11	22 5	21 49	15 25		n.a.
S 8	18 40	25 18	1 34	8 50	1 34	18 27	1 25	24 37	0 50	4 30	1 30	6 17	2 34	10 57	0 22	21 16	0 34	16 53	17 11	22 4	21 49	15 23		n.a.
S 9	18 24	26 1	2 44	8 17	1 43	18 6	1 25	24 37	0 51	4 30	1 31	6 17	2 35	10 57	0 22	21 16	0 34	16 54	17 12	22 4	21 48	15 20		n.a.
M10	18 9	24 55	3 44	7 45	1 52	17 43	1 25	24 37	0 52	4 30	1 31	6 16	2 35	10 58	0 22	21 16	0 34	16 54	17 12	22 3	21 48	15 18		n.a.
T 11	17 53	22 0	4 29	7 13	2 0	17 21	1 25	24 37	0 52	4 30	1 31	6 16	2 35	10 58	0 22	21 17	0 34	16 55	17 12	22 2	21 47	15 15		n.a.
W12	17 37	17 33	4 56	6 42	2 9	16 57	1 25	24 37	0 53	4 29	1 31	6 16	2 35	10 59	0 22	21 17	0 34	16 55	17 12	22 0	21 46	15 13		n.a.
T 13	17 20	12 0	5 3	6 12	2 18	16 34	1 25	24 36	0 53	4 29	1 32	6 16	2 36	10 59	0 22	21 17	0 34	16 56	17 13	21 59	21 46	15 11		n.a.
F 14	17 3	5 48	4 48	5 43	2 27	16 9	1 25	24 36	0 54	4 29	1 32	6 15	2 36	11 0	0 22	21 18	0 34	16 57	17 13	21 57	21 45	15 8		n.a.
S 15	16 46	0n35	4 14	5 15	2 35	15 45	1 24	24 35	0 55	4 28	1 32	6 15	2 36	11 1	0 22	21 18	0 34	16 57	17 13	21 56	21 45	15 6		n.a.
S 16	16 29	6 46	3 26	4 48	2 43	15 20	1 24	24 34	0 55	4 28	1 32	6 15	2 36	11 1	0 22	21 18	0 34	16 58	17 13	21 56	21 44	15 3		n.a.
M17	16 11	12 26	2 26	4 23	2 51	14 54	1 24	24 33	0 56	4 27	1 32	6 14	2 37	11 2	0 22	21 19	0 34	16 58	17 14	21 55	21 44	15 1		n.a.
T 18	15 53	17 21	1 21	4 0	2 59	14 28	1 23	24 32	0 57	4 26	1 33	6 14	2 37	11 2	0 22	21 19	0 34	16 59	17 14	21 55	21 43	14 58		n.a.
W19	15 35	21 18	0 13	3 38	3 6	14 2	1 23	24 30	0 57	4 26	1 33	6 13	2 37	11 3	0 22	21 19	0 34	16 59	17 14	21 55	21 43	14 56		n.a.
T 20	15 17	24 8	0n54	3 18	3 13	13 35	1 22	24 29	0 58	4 25	1 33	6 13	2 37	11 4	0 22	21 20	0 34	17 0	17 14	21 55	21 42	14 53		n.a.
F 21	14 58	25 43	1 57	3 1	3 20	13 8	1 21	24 27	0 58	4 24	1 33	6 12	2 38	11 4	0 22	21 20	0 34	17 0	17 15	21 55	21 42	14 51		n.a.
S 22	14 39	26 2	2 54	2 45	3 26	12 41	1 21	24 25	0 59	4 23	1 34	6 12	2 38	11 5	0 22	21 20	0 34	17 1	17 15	21 54	21 41	14 48		n.a.
S 23	14 20	25 5	3 41	2 33	3 31	12 13	1 20	24 23	1 0	4 22	1 34	6 11	2 38	11 6	0 22	21 21	0 34	17 1	17 15	21 53	21 40	14 46		n.a.
M24	14 0	22 59	4 19	2 23	3 36	11 45	1 19	24 21	1 0	4 21	1 34	6 10	2 38	11 6	0 22	21 21	0 34	17 2	17 15	21 51	21 40	14 43		n.a.
T 25	13 41	19 54	4 45	2 17	3 40	11 16	1 18	24 18	1 1	4 19	1 34	6 9	2 39	11 7	0 22	21 21	0 34	17 2	17 15	21 49	21 39	14 41		n.a.
W26	13 21	16 1	4 58	2 14	3 43	10 48	1 17	24 16	1 2	4 18	1 34	6 9	2 39	11 8	0 22	21 21	0 34	17 3	17 15	21 47	21 39	14 38		n.a.
T 27	13 0	11 31	4 58	2 14	3 45	10 19	1 16	24 13	1 2	4 17	1 35	6 8	2 39	11 9	0 22	21 22	0 34	17 3	17 16	21 44	21 38	14 36		n.a.
F 28	12 40	6 36	4 46	2 19	3 45	9 49	1 15	24 10	1 3	4 15	1 35	6 7	2 39	11 9	0 22	21 22	0 34	17 4	17 16	21 42	21 38	14 33		n.a.
S 29	12 19	1 26	4 20	2 27	3 45	9 20	1 14	24 7	1 3	4 14	1 35	6 6	2 40	11 10	0 22	21 22	0 34	17 5	17 16	21 40	21 37	14 31		n.a.
S 30	11 59	3s49	3 44	2 40	3 42	8 50	1 13	24 3	1 4	4 12	1 35	6 5	2 40	11 11	0 22	21 23	0 34	17 5	17 16	21 39	21 37	14 28		n.a.
M31	11n38	9s 1	2n56	2n58	3s39	8n20	1n12	24n 0	1n 5	4n10	1s35	6n 4	2s40	11s12	0n22	21s23	0s34	17s 6	17s16	21n38	21n36	14n26		n.a.

Julian Day Number = 1494084.5, Delta T = 05h12m17s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'11, Lahiri = -12°33'10 Julian Calendar 1 Aug. 623 BCE == Greg. Calendar 25 July 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

SEPTEMBER 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 12 4	0♍59'30	12♏40	13°R25	13♍ 4	15♋30	14°R 2	21°R35	29♎47	28°R 7	26°R40	6°R 4	5♊54	5♍31	n.a.	T 1
W 2	22 16 1	1°58'47	25°13	12♍34	14°18	16° 7	13♈57	21♈33	29°50	28♉ 6	26♓39	6♊ 3	5°51	5°37	n.a.	W 2
T 3	22 19 57	2°58'06	8♐ 6	11°36	15°33	16°43	13°53	21°30	29°52	28° 4	26°38	6° 3	5°48	5°44	n.a.	T 3
F 4	22 23 54	3°57'27	21°24	10°33	16°48	17°20	13°48	21°28	29°54	28° 3	26°37	6° 3	5°45	5°51	n.a.	F 4
S 5	22 27 50	4°56'51	5♑10	9°25	18° 3	17°56	13°44	21°25	29°57	28° 2	26°36	6° 1	5°42	5°58	n.a.	S 5
S 6	22 31 47	5°56'16	19°25	8°15	19°18	18°33	13°39	21°23	29°59	28° 1	26°35	5°57	5°38	6° 4	n.a.	S 6
M 7	22 35 43	6°55'43	4♒ 8	7° 3	20°33	19° 9	13°34	21°20	0♏ 2	27°59	26°34	5°49	5°35	6°11	n.a.	M 7
T 8	22 39 40	7°55'11	19°14	5°52	21°48	19°45	13°28	21°17	0° 5	27°58	26°33	5°40	5°32	6°18	n.a.	T 8
W 9	22 43 36	8°54'42	4♓33	4°45	23° 2	20°21	13°23	21°14	0° 7	27°57	26°32	5°29	5°29	6°25	n.a.	W 9
T 10	22 47 33	9°54'15	19°55	3°41	24°17	20°57	13°17	21°11	0°10	27°56	26°31	5°18	5°26	6°31	n.a.	T 10
F 11	22 51 30	10°53'50	5♈ 7	2°45	25°32	21°34	13°12	21° 8	0°13	27°55	26°30	5° 7	5°23	6°38	n.a.	F 11
S 12	22 55 26	11°53'27	19°59	1°57	26°47	22°10	13° 6	21° 5	0°15	27°54	26°29	5° 0	5°19	6°45	n.a.	S 12
S 13	22 59 23	12°53'07	4♉25	1°19	28° 2	22°46	13° 0	21° 2	0°18	27°53	26°28	4°54	5°16	6°51	n.a.	S 13
M14	23 3 19	13°52'49	18°22	0°51	29°17	23°22	12°54	20°58	0°21	27°52	26°27	4°52	5°13	6°58	n.a.	M14
T 15	23 7 16	14°52'34	1♊49	0°34	0♎32	23°58	12°47	20°55	0°24	27°51	26°25	4°D51	5°10	7° 5	n.a.	T 15
W16	23 11 12	15°52'21	14°50	0°D28	1°46	24°34	12°41	20°52	0°27	27°50	26°24	4°R51	5° 7	7°12	n.a.	W16
T 17	23 15 9	16°52'10	27°28	0°33	3° 1	25° 9	12°34	20°48	0°29	27°49	26°23	4°50	5° 3	7°18	n.a.	T 17
F 18	23 19 5	17°52'02	9♋49	0°49	4°16	25°45	12°28	20°44	0°32	27°48	26°22	4°49	5° 0	7°25	n.a.	F 18
S 19	23 23 2	18°51'56	21°57	1°16	5°31	26°21	12°21	20°41	0°35	27°47	26°21	4°44	4°57	7°32	n.a.	S 19
S 20	23 26 59	19°51'53	3♌56	1°52	6°46	26°57	12°14	20°37	0°38	27°46	26°20	4°37	4°54	7°39	n.a.	S 20
M21	23 30 55	20°51'51	15°50	2°36	8° 1	27°32	12° 7	20°33	0°41	27°45	26°19	4°27	4°51	7°45	n.a.	M21
T 22	23 34 52	21°51'52	27°42	3°29	9°16	28° 8	12° 0	20°29	0°44	27°44	26°18	4°15	4°48	7°52	n.a.	T 22
W23	23 38 48	22°51'55	9♍34	4°28	10°30	28°43	11°52	20°25	0°48	27°44	26°16	4° 1	4°44	7°59	n.a.	W23
T 24	23 42 45	23°52'00	21°27	5°34	11°45	29°19	11°45	20°21	0°51	27°43	26°15	3°47	4°41	8° 5	n.a.	T 24
F 25	23 46 41	24°52'07	3♎23	6°45	13° 0	29°54	11°37	20°16	0°54	27°42	26°14	3°35	4°38	8°12	n.a.	F 25
S 26	23 50 38	25°52'15	15°23	8° 1	14°15	0♌29	11°30	20°12	0°57	27°41	26°13	3°24	4°35	8°19	n.a.	S 26
S 27	23 54 34	26°52'26	27°29	9°21	15°30	1° 5	11°22	20° 8	1° 0	27°41	26°12	3°15	4°32	8°26	n.a.	S 27
M28	23 58 31	27°52'39	9♏43	10°44	16°45	1°40	11°14	20° 4	1° 3	27°40	26°11	3°10	4°28	8°32	n.a.	M28
T 29	0 2 27	28°52'53	22° 6	12°10	17°59	2°15	11° 7	19°59	1° 7	27°40	26°10	3° 7	4°25	8°39	n.a.	T 29
W30	0 6 24	29♍53'09	4♐42	13♍39	19♎14	2♌50	10♈59	19♈55	1♏10	27♉39	26♓ 8	3°D 7	4♊22	8♍46	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n16	13s57	2n 0	3n20	3s33	7n50	1n10	23n56	1n 5	4n 9	1s35	6n 3	2s40	11s13	0n22	21s23	0s34	17s 6	17s16	21n37	21n35	14n23		n.a.
W 2	10 55	18 25	0 57	3 47	3 25	7 19	1 9	23 53	1 6	4 7	1 36	6 2	2 40	11 14	0 22	21 23	0 34	17 7	17 17	21 37	21 35	14 21		n.a.
T 3	10 33	22 8	0s11	4 18	3 16	6 48	1 8	23 49	1 7	4 5	1 36	6 1	2 41	11 15	0 22	21 24	0 34	17 7	17 17	21 37	21 34	14 18		n.a.
F 4	10 12	24 49	1 20	4 53	3 4	6 18	1 6	23 45	1 7	4 3	1 36	6 0	2 41	11 15	0 22	21 24	0 34	17 8	17 17	21 37	21 34	14 16		n.a.
S 5	9 50	26 7	2 27	5 31	2 51	5 47	1 5	23 40	1 8	4 1	1 36	5 59	2 41	11 16	0 22	21 24	0 34	17 8	17 17	21 37	21 33	14 13		n.a.
S 6	9 28	25 46	3 27	6 12	2 35	5 15	1 3	23 36	1 9	3 59	1 36	5 58	2 41	11 17	0 22	21 24	0 34	17 9	17 17	21 36	21 33	14 11		n.a.
M 7	9 5	23 38	4 16	6 54	2 18	4 44	1 1	23 31	1 9	3 57	1 36	5 57	2 41	11 18	0 22	21 25	0 34	17 9	17 17	21 35	21 32	14 8		n.a.
T 8	8 43	19 48	4 48	7 38	2 0	4 13	1 0	23 27	1 10	3 55	1 37	5 55	2 42	11 19	0 22	21 25	0 34	17 10	17 17	21 33	21 31	14 5		n.a.
W 9	8 20	14 37	5 0	8 21	1 41	3 41	0 58	23 22	1 11	3 52	1 37	5 54	2 42	11 20	0 22	21 25	0 34	17 10	17 17	21 31	21 31	14 3		n.a.
T 10	7 58	8 29	4 50	9 3	1 20	3 9	0 56	23 17	1 11	3 50	1 37	5 53	2 42	11 21	0 22	21 25	0 34	17 11	17 18	21 29	21 30	14 0		n.a.
F 11	7 35	1 55	4 20	9 42	1 0	2 38	0 54	23 12	1 12	3 48	1 37	5 51	2 42	11 22	0 22	21 26	0 34	17 11	17 18	21 27	21 30	13 58		n.a.
S 12	7 12	4n38	3 33	10 19	0 40	2 6	0 52	23 7	1 12	3 45	1 37	5 50	2 42	11 23	0 21	21 26	0 34	17 12	17 18	21 26	21 29	13 55		n.a.
S 13	6 49	10 46	2 33	10 51	0 20	1 34	0 50	23 1	1 13	3 43	1 37	5 49	2 42	11 24	0 21	21 26	0 34	17 13	17 18	21 25	21 29	13 53		n.a.
M14	6 26	16 9	1 26	11 19	0 1	1 2	0 48	22 56	1 14	3 40	1 37	5 47	2 43	11 25	0 21	21 26	0 34	17 13	17 18	21 24	21 28	13 50		n.a.
T 15	6 2	20 33	0 16	11 42	0n17	0 30	0 46	22 50	1 14	3 38	1 37	5 46	2 43	11 26	0 21	21 26	0 34	17 14	17 18	21 24	21 27	13 47		n.a.
W16	5 39	23 46	0n53	11 59	0 34	0s 2	0 44	22 44	1 15	3 35	1 38	5 44	2 43	11 27	0 21	21 27	0 34	17 14	17 18	21 24	21 27	13 45		n.a.
T 17	5 15	25 41	1 57	12 12	0 49	0 34	0 42	22 38	1 16	3 32	1 38	5 43	2 43	11 28	0 21	21 27	0 34	17 15	17 18	21 24	21 26	13 42		n.a.
F 18	4 52	26 17	2 54	12 19	1 3	1 6	0 40	22 32	1 16	3 30	1 38	5 41	2 43	11 29	0 21	21 27	0 34	17 15	17 18	21 24	21 26	13 40		n.a.
S 19	4 28	25 36	3 42	12 21	1 16	1 39	0 38	22 26	1 17	3 27	1 38	5 40	2 43	11 30	0 21	21 27	0 34	17 16	17 18	21 23	21 25	13 37		n.a.
S 20	4 4	23 44	4 19	12 18	1 27	2 11	0 36	22 20	1 18	3 24	1 38	5 38	2 44	11 31	0 21	21 27	0 34	17 16	17 18	21 21	21 25	13 34		n.a.
M21	3 40	20 50	4 45	12 11	1 36	2 43	0 33	22 13	1 18	3 21	1 38	5 37	2 44	11 32	0 21	21 28	0 34	17 16	17 18	21 20	21 24	13 32		n.a.
T 22	3 16	17 6	4 59	11 59	1 44	3 15	0 31	22 7	1 19	3 18	1 38	5 35	2 44	11 34	0 21	21 28	0 34	17 17	17 18	21 17	21 23	13 29		n.a.
W23	2 52	12 42	4 59	11 43	1 51	3 46	0 29	22 0	1 20	3 15	1 38	5 33	2 44	11 35	0 21	21 28	0 34	17 17	17 18	21 15	21 23	13 27		n.a.
T 24	2 28	7 49	4 47	11 23	1 56	4 18	0 26	21 53	1 20	3 12	1 38	5 32	2 44	11 36	0 21	21 28	0 34	17 18	17 18	21 12	21 22	13 24		n.a.
F 25	2 4	2 38	4 22	11 0	2 0	4 50	0 24	21 46	1 21	3 9	1 38	5 30	2 44	11 37	0 21	21 28	0 34	17 18	17 18	21 10	21 22	13 21		n.a.
S 26	1 40	2s41	3 45	10 34	2 3	5 22	0 22	21 39	1 22	3 6	1 38	5 28	2 44	11 38	0 21	21 28	0 34	17 19	17 18	21 8	21 21	13 19		n.a.
S 27	1 16	7 58	2 57	10 6	2 5	5 53	0 19	21 32	1 22	3 3	1 38	5 27	2 44	11 39	0 21	21 28	0 34	17 19	17 18	21 6	21 20	13 16		n.a.
M28	0 51	13 1	2 1	9 35	2 6	6 25	0 17	21 25	1 23	3 0	1 38	5 25	2 44	11 40	0 21	21 29	0 34	17 20	17 18	21 5	21 20	13 13		n.a.
T 29	0 27	17 36	0 58	9 1	2 6	6 56	0 14	21 17	1 24	2 57	1 38	5 23	2 45	11 42	0 21	21 29	0 34	17 20	17 18	21 4	21 19	13 11		n.a.
W30	0n 3	21s31	0s 8	8n26	2n 5	7s27	0n12	21n10	1n25	2n54	1s38	5n21	2s45	11s43	0n21	21s29	0s34	17s21	17s18	21n 4	21n19	13n 8		n.a.

Julian Day Number = 1494115.5, Delta T = 05h12m16s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'06, Lahiri = -12°33'06 Julian Calendar 1 Sept. 623 BCE == Greg. Calendar 25 Aug. 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

OCTOBER 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 10 21	0♎53'27	17♐35	15♍ 9	20♎29	3♌25	10°R51	19°R50	1♏13	27°R38	26°R 7	3♊ 7	4♊19	8♍52	n.a.	T 1
F 2	0 14 17	1°53'46	0♑48	16°41	21°44	4° 0	10♈43	19♈46	1°17	27♑38	26♓ 6	3°R 8	4°16	8°59	n.a.	F 2
S 3	0 18 14	2°54'07	14°25	18°15	22°59	4°35	10°35	19°41	1°20	27°37	26° 5	3° 7	4°13	9° 6	n.a.	S 3
S 4	0 22 10	3°54'30	28°27	19°49	24°13	5°10	10°27	19°36	1°23	27°37	26° 4	3° 5	4° 9	9°13	n.a.	S 4
M 5	0 26 7	4°54'54	12♒54	21°24	25°28	5°45	10°19	19°32	1°27	27°37	26° 3	3° 0	4° 6	9°19	n.a.	M 5
T 6	0 30 3	5°55'19	27°44	23° 0	26°43	6°19	10°10	19°27	1°30	27°36	26° 2	2°53	4° 3	9°26	n.a.	T 6
W 7	0 34 0	6°55'46	12♓49	24°36	27°58	6°54	10° 2	19°22	1°34	27°36	26° 0	2°44	4° 0	9°33	n.a.	W 7
T 8	0 37 56	7°56'15	28° 0	26°13	29°12	7°29	9°54	19°17	1°37	27°36	25°59	2°35	3°57	9°40	n.a.	T 8
F 9	0 41 53	8°56'45	13♈ 8	27°50	0♏27	8° 3	9°46	19°13	1°41	27°35	25°58	2°27	3°54	9°46	n.a.	F 9
S 10	0 45 50	9°57'17	28° 2	29°27	1°42	8°38	9°38	19° 8	1°44	27°35	25°57	2°21	3°50	9°53	n.a.	S 10
S 11	0 49 46	10°57'51	12♉33	1♎ 3	2°57	9°12	9°30	19° 3	1°48	27°35	25°56	2°17	3°47	10° 0	n.a.	S 11
M12	0 53 43	11°58'26	26°38	2°40	4°11	9°46	9°21	18°58	1°51	27°35	25°55	2°D15	3°44	10° 6	n.a.	M12
T 13	0 57 39	12°59'04	10♊13	4°17	5°26	10°20	9°13	18°53	1°55	27°35	25°54	2°15	3°41	10°13	n.a.	T 13
W14	1 1 36	13°59'43	23°21	5°54	6°41	10°55	9° 5	18°48	1°58	27°34	25°53	2°16	3°38	10°20	n.a.	W14
T 15	1 5 32	15° 0'24	6♋ 5	7°30	7°55	11°29	8°57	18°43	2° 2	27°34	25°52	2°18	3°34	10°27	n.a.	T 15
F 16	1 9 29	16° 1'08	18°29	9° 7	9°10	12° 3	8°49	18°38	2° 5	27°34	25°51	2°R18	3°31	10°33	n.a.	F 16
S 17	1 13 25	17° 1'52	0♌38	10°43	10°25	12°37	8°41	18°33	2° 9	27°D34	25°50	2°17	3°28	10°40	n.a.	S 17
S 18	1 17 22	18° 2'39	12°36	12°19	11°39	13°11	8°33	18°28	2°13	27°34	25°48	2°14	3°25	10°47	n.a.	S 18
M19	1 21 19	19° 3'27	24°29	13°55	12°54	13°44	8°25	18°24	2°16	27°34	25°47	2° 9	3°22	10°54	n.a.	M19
T 20	1 25 15	20° 4'17	6♍20	15°31	14° 9	14°18	8°17	18°19	2°20	27°34	25°46	2° 2	3°19	11° 0	n.a.	T 20
W21	1 29 12	21° 5'08	18°12	17° 6	15°23	14°52	8° 9	18°14	2°23	27°35	25°45	1°54	3°15	11° 7	n.a.	W21
T 22	1 33 8	22° 6'01	0♎ 9	18°41	16°38	15°25	8° 2	18° 9	2°27	27°35	25°44	1°46	3°12	11°14	n.a.	T 22
F 23	1 37 5	23° 6'55	12°12	20°17	17°52	15°59	7°54	18° 4	2°31	27°35	25°43	1°38	3° 9	11°20	n.a.	F 23
S 24	1 41 1	24° 7'51	24°22	21°52	19° 7	16°32	7°46	17°59	2°34	27°35	25°42	1°32	3° 6	11°27	n.a.	S 24
S 25	1 44 58	25° 8'48	6♏40	23°26	20°22	17° 5	7°39	17°54	2°38	27°36	25°41	1°27	3° 3	11°34	n.a.	S 25
M26	1 48 54	26° 9'46	19° 9	25° 1	21°36	17°38	7°32	17°49	2°42	27°36	25°40	1°25	3° 0	11°41	n.a.	M26
T 27	1 52 51	27°10'45	1♐47	26°36	22°51	18°11	7°24	17°44	2°45	27°36	25°39	1°D24	2°56	11°47	n.a.	T 27
W28	1 56 48	28°11'46	14°38	28°10	24° 5	18°44	7°17	17°39	2°49	27°37	25°39	1°25	2°53	11°54	n.a.	W28
T 29	2 0 44	29°12'47	27°42	29°45	25°20	19°17	7°10	17°34	2°53	27°37	25°38	1°26	2°50	12° 1	n.a.	T 29
F 30	2 4 41	0♏13'49	11♑ 2	1♏19	26°34	19°50	7° 3	17°30	2°57	27°37	25°37	1°28	2°47	12° 7	n.a.	F 30
S 31	2 8 37	1♏14'52	24♑38	2♏53	27♏49	20♌23	6♈56	17♈25	3♏ 0	27♑38	25♓36	1♊29	2♊44	12♍14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0s22	24s27	1s16	7n50	2n 4	7s58	0n 9	21n 2	1n25	2n51	1s38	5n20	2s45	11s44	0n21	21s29	0s34	17s21	17s18	21n 4	21n18	13n 6			n.a.
F 2	0 46	26 8	2 22	7 11	2 2	8 29	0 7	20 55	1 26	2 48	1 38	5 18	2 45	11 45	0 21	21 29	0 34	17 21	17 18	21 4	21 17	13 3			n.a.
S 3	1 10	26 19	3 22	6 32	1 59	8 59	0 4	20 47	1 27	2 45	1 38	5 16	2 45	11 46	0 21	21 29	0 34	17 22	17 18	21 4	21 17	13 0			n.a.
S 4	1 34	24 51	4 11	5 51	1 56	9 30	0 2	20 39	1 27	2 41	1 38	5 14	2 45	11 47	0 21	21 29	0 34	17 22	17 18	21 4	21 16	12 58			n.a.
M 5	1 59	21 45	4 47	5 10	1 52	10 0	0s 1	20 31	1 28	2 38	1 38	5 12	2 45	11 49	0 21	21 29	0 34	17 23	17 18	21 3	21 16	12 55			n.a.
T 6	2 23	17 10	5 4	4 28	1 48	10 30	0 4	20 23	1 29	2 35	1 38	5 10	2 45	11 50	0 21	21 29	0 34	17 23	17 18	21 1	21 15	12 52			n.a.
W 7	2 47	11 27	5 0	3 45	1 44	11 0	0 6	20 15	1 29	2 32	1 38	5 9	2 45	11 51	0 21	21 29	0 34	17 23	17 18	21 0	21 14	12 50			n.a.
T 8	3 11	5 1	4 36	3 2	1 39	11 29	0 9	20 6	1 30	2 29	1 38	5 7	2 45	11 52	0 21	21 29	0 34	17 24	17 18	20 58	21 14	12 47			n.a.
F 9	3 36	1n42	3 52	2 19	1 34	11 58	0 12	19 58	1 31	2 25	1 38	5 5	2 45	11 54	0 21	21 29	0 34	17 24	17 18	20 56	21 13	12 44			n.a.
S 10	4 0	8 14	2 53	1 35	1 29	12 27	0 14	19 50	1 31	2 22	1 38	5 3	2 45	11 55	0 21	21 30	0 34	17 24	17 17	20 55	21 13	12 42			n.a.
S 11	4 24	14 10	1 44	0 51	1 23	12 55	0 17	19 41	1 32	2 19	1 38	5 1	2 45	11 56	0 21	21 30	0 34	17 25	17 17	20 54	21 12	12 39			n.a.
M12	4 48	19 11	0 30	0 6	1 18	13 24	0 19	19 32	1 33	2 16	1 38	4 59	2 45	11 57	0 21	21 30	0 34	17 25	17 17	20 54	21 11	12 36			n.a.
T 13	5 12	23 0	0n43	0s38	1 12	13 52	0 22	19 24	1 34	2 13	1 37	4 57	2 45	11 59	0 21	21 30	0 34	17 25	17 17	20 54	21 11	12 33			n.a.
W14	5 36	25 27	1 51	1 22	1 6	14 19	0 25	19 15	1 34	2 10	1 37	4 55	2 45	12 0	0 21	21 30	0 34	17 26	17 17	20 54	21 10	12 31			n.a.
T 15	5 59	26 30	2 52	2 7	0 59	14 46	0 27	19 6	1 35	2 7	1 37	4 54	2 45	12 1	0 21	21 30	0 34	17 26	17 17	20 55	21 10	12 28			n.a.
F 16	6 23	26 10	3 43	2 51	0 53	15 13	0 30	18 57	1 36	2 3	1 37	4 52	2 45	12 2	0 21	21 30	0 34	17 26	17 17	20 55	21 9	12 25			n.a.
S 17	6 47	24 34	4 23	3 35	0 47	15 40	0 32	18 48	1 37	2 0	1 37	4 50	2 45	12 4	0 21	21 30	0 34	17 27	17 17	20 54	21 8	12 23			n.a.
S 18	7 10	21 54	4 51	4 19	0 40	16 6	0 35	18 39	1 37	1 57	1 37	4 48	2 45	12 5	0 21	21 30	0 34	17 27	17 16	20 54	21 8	12 20			n.a.
M19	7 34	18 20	5 6	5 3	0 34	16 31	0 38	18 30	1 38	1 54	1 37	4 46	2 45	12 6	0 21	21 30	0 34	17 27	17 16	20 53	21 7	12 17			n.a.
T 20	7 57	14 4	5 8	5 46	0 27	16 57	0 40	18 20	1 39	1 51	1 37	4 44	2 45	12 7	0 21	21 30	0 34	17 28	17 16	20 51	21 7	12 14			n.a.
W21	8 20	9 15	4 56	6 29	0 21	17 21	0 43	18 11	1 40	1 48	1 36	4 42	2 45	12 9	0 21	21 30	0 34	17 28	17 16	20 50	21 6	12 12			n.a.
T 22	8 43	4 5	4 32	7 12	0 14	17 46	0 45	18 2	1 40	1 45	1 36	4 41	2 45	12 10	0 21	21 29	0 34	17 28	17 16	20 48	21 5	12 9			n.a.
F 23	9 6	1s17	3 55	7 55	0 7	18 10	0 48	17 52	1 41	1 43	1 36	4 39	2 45	12 11	0 21	21 29	0 34	17 28	17 16	20 47	21 5	12 6			n.a.
S 24	9 29	6 40	3 8	8 37	0 1	18 33	0 50	17 43	1 42	1 40	1 36	4 37	2 45	12 13	0 21	21 29	0 34	17 29	17 15	20 45	21 4	12 4			n.a.
S 25	9 52	11 53	2 11	9 19	0s 6	18 56	0 53	17 33	1 43	1 37	1 36	4 35	2 45	12 14	0 21	21 29	0 34	17 29	17 15	20 44	21 3	12 1			n.a.
M26	10 14	16 41	1 6	10 0	0 12	19 18	0 55	17 24	1 43	1 34	1 35	4 33	2 45	12 15	0 21	21 29	0 34	17 29	17 15	20 44	21 3	11 58			n.a.
T 27	10 37	20 50	0s 2	10 41	0 19	19 40	0 58	17 14	1 44	1 31	1 35	4 31	2 44	12 16	0 21	21 29	0 34	17 29	17 15	20 44	21 2	11 55			n.a.
W28	10 59	24 4	1 12	11 22	0 25	20 1	1 0	17 4	1 45	1 29	1 35	4 30	2 44	12 18	0 21	21 29	0 34	17 29	17 15	20 44	21 2	11 53			n.a.
T 29	11 21	26 4	2 19	12 2	0 31	20 22	1 2	16 55	1 46	1 26	1 35	4 28	2 44	12 19	0 21	21 29	0 34	17 30	17 14	20 44	21 1	11 50			n.a.
F 30	11 43	26 37	3 20	12 41	0 38	20 42	1 5	16 45	1 46	1 23	1 35	4 26	2 44	12 20	0 21	21 29	0 34	17 30	17 14	20 44	21 0	11 47			n.a.
S 31	12s 4	25s36	4s11	13s20	0s44	21s 2	1s 7	16n35	1n47	1n21	1s34	4n25	2s44	12s22	0n21	21s29	0s34	17s30	17s14	20n45	21n 0	11n44			n.a.

Julian Day Number = 1494145.5, Delta T = 05h12m14s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°40'02, Lahiri = -12°33'02 Julian Calendar 1 Oct. 623 BCE == Greg. Calendar 24 Sept. 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

NOVEMBER 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 12 34	2♏15'55	8♒32	4♏28	29♏ 3	20♌55	6°R50	17°R20	3♏ 4	27♑38	25°R35	1°R29	2♊40	12♍21	n.a.	S 1
M 2	2 16 30	3°17'00	22°44	6° 2	0♐18	21°28	6♈43	17♈16	3° 8	27°39	25♓34	1♊28	2°37	12°28	n.a.	M 2
T 3	2 20 27	4°18'05	7♓11	7°36	1°32	22° 0	6°37	17°11	3°11	27°40	25°33	1°25	2°34	12°34	n.a.	T 3
W 4	2 24 23	5°19'10	21°51	9°10	2°46	22°32	6°30	17° 6	3°15	27°40	25°32	1°22	2°31	12°41	n.a.	W 4
T 5	2 28 20	6°20'16	6♈37	10°45	4° 1	23° 4	6°24	17° 2	3°19	27°41	25°31	1°18	2°28	12°48	n.a.	T 5
F 6	2 32 17	7°21'23	21°23	12°19	5°15	23°36	6°18	16°57	3°22	27°41	25°31	1°14	2°25	12°55	n.a.	F 6
S 7	2 36 13	8°22'30	6♉ 0	13°53	6°30	24° 8	6°12	16°53	3°26	27°42	25°30	1°12	2°21	13° 1	n.a.	S 7
S 8	2 40 10	9°23'39	20°21	15°28	7°44	24°40	6° 7	16°48	3°30	27°43	25°29	1°10	2°18	13° 8	n.a.	S 8
M 9	2 44 6	10°24'48	4♊22	17° 2	8°58	25°12	6° 1	16°44	3°34	27°44	25°28	1°D10	2°15	13°15	n.a.	M 9
T 10	2 48 3	11°25'58	17°59	18°37	10°12	25°43	5°56	16°40	3°37	27°45	25°28	1°11	2°12	13°21	n.a.	T 10
W11	2 51 59	12°27'09	1♋12	20°11	11°27	26°15	5°51	16°36	3°41	27°45	25°27	1°12	2° 9	13°28	n.a.	W11
T 12	2 55 56	13°28'20	14° 2	21°46	12°41	26°46	5°46	16°32	3°45	27°46	25°26	1°14	2° 5	13°35	n.a.	T 12
F 13	2 59 52	14°29'33	26°31	23°20	13°55	27°17	5°41	16°27	3°48	27°47	25°25	1°15	2° 2	13°42	n.a.	F 13
S 14	3 3 49	15°30'46	8♌44	24°55	15° 9	27°48	5°36	16°23	3°52	27°48	25°25	1°16	1°59	13°48	n.a.	S 14
S 15	3 7 46	16°32'00	20°45	26°30	16°24	28°19	5°32	16°20	3°56	27°49	25°24	1°R16	1°56	13°55	n.a.	S 15
M16	3 11 42	17°33'15	2♍39	28° 5	17°38	28°50	5°28	16°16	3°59	27°50	25°23	1°15	1°53	14° 2	n.a.	M16
T 17	3 15 39	18°34'30	14°31	29°40	18°52	29°21	5°23	16°12	4° 3	27°51	25°23	1°14	1°50	14° 8	n.a.	T 17
W18	3 19 35	19°35'46	26°24	1♐15	20° 6	29°51	5°20	16° 8	4° 6	27°52	25°22	1°12	1°46	14°15	n.a.	W18
T 19	3 23 32	20°37'03	8♎23	2°49	21°20	0♍22	5°16	16° 5	4°10	27°53	25°22	1°11	1°43	14°22	n.a.	T 19
F 20	3 27 28	21°38'20	20°32	4°24	22°34	0°52	5°12	16° 1	4°14	27°55	25°21	1° 9	1°40	14°29	n.a.	F 20
S 21	3 31 25	22°39'37	2♏52	5°58	23°48	1°22	5° 9	15°58	4°17	27°56	25°20	1° 8	1°37	14°35	n.a.	S 21
S 22	3 35 21	23°40'55	15°24	7°32	25° 2	1°52	5° 6	15°54	4°21	27°57	25°20	1° 7	1°34	14°42	n.a.	S 22
M23	3 39 18	24°42'13	28°11	9° 6	26°16	2°22	5° 3	15°51	4°24	27°58	25°19	1°D 7	1°31	14°49	n.a.	M23
T 24	3 43 15	25°43'31	11♐12	10°39	27°30	2°51	5° 0	15°48	4°28	27°59	25°19	1° 7	1°27	14°55	n.a.	T 24
W25	3 47 11	26°44'49	24°27	12°12	28°44	3°21	4°58	15°45	4°31	28° 1	25°18	1° 7	1°24	15° 2	n.a.	W25
T 26	3 51 8	27°46'07	7♑54	13°43	29°58	3°50	4°55	15°42	4°35	28° 2	25°18	1° 8	1°21	15° 9	n.a.	T 26
F 27	3 55 4	28°47'26	21°33	15°14	1♑12	4°19	4°53	15°39	4°38	28° 3	25°17	1° 8	1°18	15°16	n.a.	F 27
S 28	3 59 1	29°48'43	5♒23	16°43	2°26	4°48	4°51	15°36	4°42	28° 5	25°17	1° 8	1°15	15°22	n.a.	S 28
S 29	4 2 57	0♐50'01	19°22	18°11	3°39	5°17	4°49	15°33	4°45	28° 6	25°17	1°R 8	1°11	15°29	n.a.	S 29
M30	4 6 54	1♐51'17	3♓29	19♐37	4♑53	5♍46	4♈48	15♈30	4♏49	28♑ 8	25♓16	1°D 8	1♊ 8	15♍36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s26	23s 1	4s49	13s58	0s50	21s21	1s 9	16n25	1n48	1n19	1s34	4n23	2s44	12s23	0n21	21s29	0s34	17s30	17s14	20n45	20n59	11n42		n.a.
M 2	12 47	19 0	5 10	14 36	0 56	21 40	1 12	16 15	1 49	1 16	1 34	4 21	2 44	12 24	0 21	21 29	0 34	17 30	17 13	20 44	20 58	11 39		n.a.
T 3	13 8	13 48	5 12	15 13	1 2	21 57	1 14	16 6	1 50	1 14	1 34	4 19	2 44	12 25	0 21	21 28	0 34	17 30	17 13	20 44	20 58	11 36		n.a.
W 4	13 29	7 46	4 54	15 49	1 7	22 15	1 16	15 56	1 50	1 11	1 33	4 18	2 43	12 27	0 21	21 28	0 34	17 30	17 13	20 43	20 57	11 33		n.a.
T 5	13 49	1 15	4 16	16 24	1 13	22 31	1 18	15 46	1 51	1 9	1 33	4 16	2 43	12 28	0 21	21 28	0 34	17 31	17 13	20 42	20 57	11 30		n.a.
F 6	14 9	5n20	3 21	16 59	1 18	22 47	1 20	15 36	1 52	1 7	1 33	4 15	2 43	12 29	0 21	21 28	0 34	17 31	17 12	20 42	20 56	11 28		n.a.
S 7	14 29	11 36	2 14	17 33	1 24	23 2	1 22	15 26	1 53	1 5	1 33	4 13	2 43	12 31	0 21	21 28	0 34	17 31	17 12	20 41	20 55	11 25		n.a.
S 8	14 49	17 8	0 59	18 6	1 29	23 17	1 24	15 16	1 54	1 3	1 32	4 12	2 43	12 32	0 21	21 28	0 34	17 31	17 12	20 41	20 55	11 22		n.a.
M 9	15 9	21 36	0n18	18 39	1 33	23 31	1 26	15 6	1 54	1 1	1 32	4 10	2 43	12 33	0 21	21 28	0 34	17 31	17 12	20 41	20 54	11 19		n.a.
T 10	15 28	24 44	1 31	19 10	1 38	23 44	1 28	14 56	1 55	0 59	1 32	4 9	2 42	12 34	0 21	21 27	0 34	17 31	17 11	20 41	20 53	11 17		n.a.
W11	15 47	26 24	2 38	19 41	1 42	23 57	1 29	14 45	1 56	0 57	1 32	4 7	2 42	12 36	0 21	21 27	0 34	17 31	17 11	20 41	20 53	11 14		n.a.
T 12	16 6	26 35	3 35	20 10	1 47	24 8	1 31	14 35	1 57	0 56	1 31	4 6	2 42	12 37	0 21	21 27	0 34	17 31	17 11	20 41	20 52	11 11		n.a.
F 13	16 25	25 23	4 20	20 39	1 51	24 19	1 33	14 25	1 58	0 54	1 31	4 4	2 42	12 38	0 21	21 27	0 34	17 31	17 11	20 42	20 51	11 8		n.a.
S 14	16 43	23 1	4 52	21 6	1 54	24 30	1 35	14 15	1 59	0 52	1 31	4 3	2 42	12 39	0 21	21 27	0 34	17 31	17 10	20 42	20 51	11 5		n.a.
S 15	17 1	19 40	5 11	21 33	1 58	24 40	1 36	14 5	1 59	0 51	1 30	4 2	2 42	12 41	0 21	21 26	0 34	17 31	17 10	20 42	20 50	11 3		n.a.
M16	17 18	15 34	5 16	21 58	2 1	24 48	1 38	13 55	2 0	0 49	1 30	4 0	2 41	12 42	0 21	21 26	0 34	17 31	17 10	20 42	20 49	11 0		n.a.
T 17	17 36	10 54	5 8	22 22	2 3	24 57	1 39	13 45	2 1	0 48	1 30	3 59	2 41	12 43	0 21	21 26	0 34	17 31	17 9	20 41	20 49	10 57		n.a.
W18	17 53	5 49	4 46	22 44	2 6	25 4	1 40	13 35	2 2	0 47	1 29	3 58	2 41	12 44	0 21	21 26	0 34	17 31	17 9	20 41	20 48	10 54		n.a.
T 19	18 9	0 29	4 12	23 6	2 8	25 11	1 42	13 25	2 3	0 46	1 29	3 57	2 41	12 46	0 21	21 26	0 34	17 31	17 9	20 41	20 48	10 51		n.a.
F 20	18 25	4s57	3 26	23 26	2 9	25 16	1 43	13 14	2 4	0 44	1 29	3 55	2 40	12 47	0 21	21 25	0 34	17 31	17 8	20 40	20 47	10 48		n.a.
S 21	18 41	10 17	2 30	23 44	2 10	25 22	1 44	13 4	2 5	0 43	1 28	3 54	2 40	12 48	0 21	21 25	0 34	17 31	17 8	20 40	20 46	10 46		n.a.
S 22	18 57	15 19	1 26	24 1	2 11	25 26	1 45	12 54	2 5	0 42	1 28	3 53	2 40	12 49	0 21	21 25	0 34	17 31	17 8	20 40	20 46	10 43		n.a.
M23	19 12	19 46	0 16	24 17	2 11	25 29	1 46	12 44	2 6	0 41	1 28	3 52	2 40	12 51	0 21	21 25	0 34	17 31	17 8	20 40	20 45	10 40		n.a.
T 24	19 27	23 21	0s56	24 30	2 11	25 32	1 47	12 34	2 7	0 41	1 28	3 51	2 39	12 52	0 21	21 24	0 34	17 31	17 7	20 40	20 44	10 37		n.a.
W25	19 42	25 45	2 6	24 43	2 10	25 34	1 48	12 24	2 8	0 40	1 27	3 50	2 39	12 53	0 21	21 24	0 34	17 30	17 7	20 40	20 44	10 34		n.a.
T 26	19 56	26 42	3 10	24 53	2 8	25 35	1 49	12 14	2 9	0 39	1 27	3 49	2 39	12 54	0 21	21 24	0 34	17 30	17 7	20 40	20 43	10 31		n.a.
F 27	20 10	26 3	4 5	25 2	2 6	25 36	1 50	12 4	2 10	0 39	1 27	3 48	2 39	12 55	0 21	21 23	0 34	17 30	17 6	20 40	20 42	10 29		n.a.
S 28	20 23	23 48	4 46	25 8	2 3	25 36	1 51	11 54	2 11	0 38	1 26	3 47	2 38	12 56	0 21	21 23	0 34	17 30	17 6	20 40	20 42	10 26		n.a.
S 29	20 37	20 7	5 10	25 13	1 59	25 34	1 51	11 45	2 12	0 38	1 26	3 47	2 38	12 58	0 21	21 23	0 34	17 30	17 6	20 40	20 41	10 23		n.a.
M30	20s49	15s16	5s17	25s16	1s55	25s32	1s52	11n35	2n13	0n38	1s26	3n46	2s38	12s59	0n21	21s23	0s34	17s30	17s 5	20n40	20n40	10n20		n.a.

Julian Day Number = 1494176.5, Delta T = 05h12m13s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'58, Lahiri = -12°32'58 Julian Calendar 1 Nov. 623 BCE == Greg. Calendar 25 Oct. 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 623 BCE
geocentric

DECEMBER 623 BCE (-622) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 10 51	2♐52'34	17♓42	21♐ 1	6♑ 7	6♍14	4°R47	15°R28	4♏52	28♑ 9	25°R16	1♊ 8	1♊ 5	15♍43	n.a.	T 1
W 2	4 14 47	3°53'49	1♈59	22°21	7°20	6°42	4♈46	15♈25	4°55	28°11	25♓16	1° 8	1° 2	15°49	n.a.	W 2
T 3	4 18 44	4°55'05	16°16	23°39	8°34	7°10	4°45	15°23	4°59	28°12	25°15	1° 9	0°59	15°56	n.a.	T 3
F 4	4 22 40	5°56'20	0♉31	24°53	9°48	7°38	4°44	15°21	5° 2	28°14	25°15	1° 9	0°56	16° 3	n.a.	F 4
S 5	4 26 37	6°57'34	14°39	26° 3	11° 1	8° 6	4°44	15°19	5° 5	28°15	25°15	1°10	0°52	16° 9	n.a.	S 5
S 6	4 30 33	7°58'48	28°37	27° 7	12°14	8°33	4°43	15°17	5° 9	28°17	25°15	1°R10	0°49	16°16	n.a.	S 6
M 7	4 34 30	9° 0'01	12♊20	28° 6	13°28	9° 0	4°D43	15°15	5°12	28°18	25°14	1°10	0°46	16°23	n.a.	M 7
T 8	4 38 26	10° 1'15	25°46	28°57	14°41	9°27	4°43	15°13	5°15	28°20	25°14	1° 9	0°43	16°30	n.a.	T 8
W 9	4 42 23	11° 2'27	8♋54	29°42	15°55	9°54	4°44	15°11	5°18	28°22	25°14	1° 8	0°40	16°36	n.a.	W 9
T 10	4 46 20	12° 3'40	21°43	0♑17	17° 8	10°21	4°44	15°10	5°21	28°23	25°14	1° 6	0°37	16°43	n.a.	T 10
F 11	4 50 16	13° 4'52	4♌14	0°44	18°21	10°47	4°45	15° 8	5°24	28°25	25°14	1° 5	0°33	16°50	n.a.	F 11
S 12	4 54 13	14° 6'03	16°30	1° 0	19°34	11°13	4°46	15° 7	5°28	28°27	25°14	1° 3	0°30	16°56	n.a.	S 12
S 13	4 58 9	15° 7'15	28°33	1°R 5	20°47	11°39	4°47	15° 6	5°31	28°29	25°13	1° 2	0°27	17° 3	n.a.	S 13
M14	5 2 6	16° 8'25	10♍29	0°59	22° 0	12° 5	4°49	15° 5	5°34	28°30	25°13	1° 1	0°24	17°10	n.a.	M14
T 15	5 6 2	17° 9'35	22°21	0°41	23°13	12°31	4°50	15° 3	5°37	28°32	25°13	1°D 1	0°21	17°17	n.a.	T 15
W16	5 9 59	18°10'45	4♎14	0°11	24°26	12°56	4°52	15° 3	5°40	28°34	25°13	1° 2	0°17	17°23	n.a.	W16
T 17	5 13 56	19°11'54	16°13	29♐30	25°39	13°21	4°54	15° 2	5°43	28°36	25°D13	1° 3	0°14	17°30	n.a.	T 17
F 18	5 17 52	20°13'03	28°24	28°39	26°52	13°45	4°56	15° 1	5°46	28°38	25°13	1° 5	0°11	17°37	n.a.	F 18
S 19	5 21 49	21°14'11	10♏49	27°39	28° 5	14°10	4°59	15° 0	5°48	28°40	25°13	1° 6	0° 8	17°43	n.a.	S 19
S 20	5 25 45	22°15'19	23°31	26°32	29°17	14°34	5° 1	15° 0	5°51	28°41	25°13	1° 7	0° 5	17°50	n.a.	S 20
M21	5 29 42	23°16'25	6♐33	25°19	0♒30	14°58	5° 4	15° 0	5°54	28°43	25°14	1°R 7	0° 2	17°57	n.a.	M21
T 22	5 33 38	24°17'31	19°55	24° 4	1°42	15°21	5° 7	14°59	5°57	28°45	25°14	1° 6	29♉58	18° 4	n.a.	T 22
W23	5 37 35	25°18'36	3♑35	22°47	2°55	15°45	5°10	14°D59	6° 0	28°47	25°14	1° 4	29°55	18°10	n.a.	W23
T 24	5 41 31	26°19'40	17°32	21°33	4° 7	16° 8	5°14	14°59	6° 2	28°49	25°14	1° 0	29°52	18°17	n.a.	T 24
F 25	5 45 28	27°20'43	1♒40	20°22	5°20	16°30	5°17	14°59	6° 5	28°51	25°14	0°56	29°49	18°24	n.a.	F 25
S 26	5 49 25	28°21'44	15°56	19°16	6°32	16°53	5°21	15° 0	6° 8	28°53	25°14	0°52	29°46	18°31	n.a.	S 26
S 27	5 53 21	29°22'44	0♓15	18°17	7°44	17°15	5°25	15° 0	6°10	28°55	25°15	0°49	29°43	18°37	n.a.	S 27
M28	5 57 18	0♑23'42	14°32	17°25	8°56	17°36	5°29	15° 1	6°13	28°57	25°15	0°47	29°39	18°44	n.a.	M28
T 29	6 1 14	1°24'39	28°45	16°42	10° 8	17°58	5°33	15° 1	6°15	28°59	25°15	0°D46	29°36	18°51	n.a.	T 29
W30	6 5 11	2°25'34	12♈51	16° 7	11°20	18°19	5°38	15° 2	6°18	29° 1	25°15	0°46	29°33	18°57	n.a.	W30
T 31	6 9 7	3♑26'28	26♈48	15♐41	12♒32	18♍39	5♈43	15♈ 3	6♏20	29♑ 4	25♓16	0♊47	29♉30	19♍ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s 1	9s34	5s 4	25s17	1s50	25s30	1s52	11n25	2n14	0n37	1s25	3n45	2s38	13s 0	0n21	21s22	0s34	17s30	17s 5	20n40	20n40	10n17		n.a.
W 2	21 13	3 21	4 32	25 16	1 44	25 26	1 53	11 15	2 15	0 37	1 25	3 44	2 37	13 1	0 21	21 22	0 34	17 29	17 5	20 40	20 39	10 14		n.a.
T 3	21 25	3n 3	3 44	25 13	1 36	25 22	1 53	11 5	2 16	0 37	1 24	3 44	2 37	13 2	0 21	21 22	0 34	17 29	17 4	20 40	20 38	10 11		n.a.
F 4	21 36	9 17	2 42	25 8	1 28	25 17	1 53	10 56	2 17	0 37	1 24	3 43	2 37	13 3	0 21	21 21	0 34	17 29	17 4	20 41	20 38	10 9		n.a.
S 5	21 46	15 1	1 30	25 2	1 19	25 11	1 53	10 46	2 17	0 37	1 24	3 43	2 37	13 4	0 21	21 21	0 34	17 29	17 3	20 41	20 37	10 6		n.a.
S 6	21 57	19 54	0 14	24 53	1 9	25 5	1 53	10 37	2 18	0 38	1 23	3 42	2 36	13 6	0 21	21 21	0 34	17 29	17 3	20 41	20 36	10 3		n.a.
M 7	22 6	23 36	1n 2	24 43	0 57	24 57	1 53	10 27	2 19	0 38	1 23	3 42	2 36	13 7	0 21	21 20	0 34	17 28	17 3	20 41	20 36	10 0		n.a.
T 8	22 16	25 54	2 12	24 31	0 45	24 49	1 53	10 18	2 20	0 38	1 23	3 41	2 36	13 8	0 21	21 20	0 34	17 28	17 2	20 40	20 35	9 57		n.a.
W 9	22 25	26 42	3 14	24 17	0 31	24 40	1 53	10 8	2 21	0 39	1 22	3 41	2 35	13 9	0 21	21 20	0 34	17 28	17 2	20 40	20 34	9 54		n.a.
T 10	22 33	26 1	4 5	24 2	0 16	24 31	1 52	9 59	2 22	0 39	1 22	3 40	2 35	13 10	0 21	21 19	0 34	17 28	17 2	20 40	20 34	9 51		n.a.
F 11	22 41	24 2	4 42	23 46	0 0	24 21	1 52	9 50	2 23	0 40	1 22	3 40	2 35	13 11	0 21	21 19	0 34	17 27	17 1	20 40	20 33	9 48		n.a.
S 12	22 49	20 58	5 6	23 29	0n17	24 10	1 52	9 40	2 24	0 41	1 21	3 40	2 35	13 12	0 21	21 19	0 34	17 27	17 1	20 39	20 32	9 45		n.a.
S 13	22 56	17 4	5 16	23 11	0 35	23 58	1 51	9 31	2 25	0 41	1 21	3 40	2 34	13 13	0 21	21 18	0 34	17 27	17 1	20 39	20 32	9 43		n.a.
M14	23 2	12 32	5 12	22 53	0 53	23 46	1 50	9 22	2 26	0 42	1 21	3 39	2 34	13 14	0 21	21 18	0 34	17 26	17 0	20 39	20 31	9 40		n.a.
T 15	23 8	7 34	4 54	22 34	1 12	23 33	1 50	9 13	2 27	0 43	1 20	3 39	2 34	13 15	0 21	21 17	0 34	17 26	17 0	20 39	20 30	9 37		n.a.
W16	23 14	2 20	4 25	22 15	1 32	23 19	1 49	9 5	2 28	0 44	1 20	3 39	2 33	13 16	0 21	21 17	0 34	17 26	16 59	20 39	20 30	9 34		n.a.
T 17	23 19	3s 3	3 43	21 56	1 51	23 4	1 48	8 56	2 30	0 45	1 20	3 39	2 33	13 17	0 21	21 17	0 34	17 26	16 59	20 39	20 29	9 31		n.a.
F 18	23 24	8 24	2 51	21 37	2 9	22 49	1 47	8 47	2 31	0 47	1 19	3 39	2 33	13 18	0 21	21 16	0 34	17 25	16 59	20 40	20 28	9 28		n.a.
S 19	23 29	13 32	1 50	21 18	2 27	22 34	1 46	8 38	2 32	0 48	1 19	3 39	2 32	13 19	0 21	21 16	0 34	17 25	16 58	20 40	20 28	9 25		n.a.
S 20	23 32	18 14	0 42	21 1	2 43	22 17	1 45	8 30	2 33	0 49	1 19	3 39	2 32	13 20	0 21	21 16	0 34	17 24	16 58	20 40	20 27	9 22		n.a.
M21	23 36	22 12	0s30	20 44	2 57	22 0	1 43	8 22	2 34	0 51	1 18	3 40	2 32	13 21	0 21	21 15	0 34	17 24	16 58	20 40	20 26	9 19		n.a.
T 22	23 39	25 4	1 42	20 29	3 10	21 43	1 42	8 13	2 35	0 52	1 18	3 40	2 31	13 22	0 21	21 15	0 34	17 24	16 57	20 40	20 26	9 16		n.a.
W23	23 41	26 32	2 49	20 15	3 20	21 24	1 40	8 5	2 36	0 54	1 18	3 40	2 31	13 23	0 21	21 14	0 34	17 23	16 57	20 39	20 25	9 13		n.a.
T 24	23 43	26 22	3 48	20 3	3 27	21 6	1 39	7 57	2 37	0 55	1 17	3 40	2 31	13 24	0 21	21 14	0 34	17 23	16 57	20 39	20 24	9 11		n.a.
F 25	23 45	24 30	4 33	19 53	3 33	20 46	1 37	7 49	2 38	0 57	1 17	3 41	2 30	13 25	0 21	21 14	0 34	17 23	16 56	20 38	20 23	9 8		n.a.
S 26	23 46	21 5	5 2	19 45	3 35	20 26	1 35	7 41	2 39	0 59	1 17	3 41	2 30	13 25	0 21	21 13	0 34	17 22	16 56	20 37	20 23	9 5		n.a.
S 27	23 46	16 24	5 13	19 40	3 36	20 6	1 34	7 34	2 40	1 1	1 16	3 41	2 30	13 26	0 21	21 13	0 34	17 22	16 55	20 36	20 22	9 2		n.a.
M28	23 46	10 50	5 4	19 36	3 35	19 45	1 32	7 26	2 41	1 3	1 16	3 42	2 30	13 27	0 21	21 12	0 34	17 21	16 55	20 36	20 21	8 59		n.a.
T 29	23 46	4 43	4 36	19 36	3 31	19 23	1 30	7 18	2 42	1 5	1 16	3 42	2 29	13 28	0 21	21 12	0 34	17 21	16 55	20 36	20 21	8 56		n.a.
W30	23 45	1n35	3 53	19 37	3 26	19 1	1 28	7 11	2 44	1 7	1 15	3 43	2 29	13 29	0 21	21 11	0 34	17 20	16 54	20 36	20 20	8 53		n.a.
T 31	23s44	7n45	2s55	19s40	3n20	18s39	1s25	7n 4	2n45	1n 9	1s15	3n44	2s29	13s30	0n21	21s11	0s34	17s20	16s54	20n36	20n19	8n50		n.a.

Julian Day Number = 1494206.5, Delta T = 05h12m11s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'54, Lahiri = -12°32'54 Julian Calendar 1 Dec. 623 BCE == Greg. Calendar 24 Nov. 623 BCE

The year -622 astronomical counting style corresponds to year 623 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

JANUARY 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 13 4	4♑27'20	10♉37	15°R23	13♒43	19♍ 0	5♈48	15♈ 4	6♏23	29♑ 6	25♓16	0♊49	29♉27	19♍11	n.a.	F 1
S 2	6 17 1	5°28'11	24°17	15♐14	14°55	19°20	5°53	15° 5	6°25	29° 8	25°16	0°R50	29°23	19°18	n.a.	S 2
S 3	6 20 57	6°29'00	7♊46	15°D12	16° 6	19°39	5°58	15° 6	6°27	29°10	25°17	0°50	29°20	19°24	n.a.	S 3
M 4	6 24 54	7°29'47	21° 4	15°18	17°18	19°58	6° 3	15° 7	6°29	29°12	25°17	0°48	29°17	19°31	n.a.	M 4
T 5	6 28 50	8°30'33	4♋10	15°31	18°29	20°17	6° 9	15° 8	6°32	29°14	25°18	0°44	29°14	19°38	n.a.	T 5
W 6	6 32 47	9°31'18	17° 2	15°50	19°40	20°36	6°15	15°10	6°34	29°16	25°18	0°39	29°11	19°44	n.a.	W 6
T 7	6 36 43	10°32'01	29°41	16°15	20°51	20°54	6°20	15°11	6°36	29°19	25°18	0°32	29° 8	19°51	n.a.	T 7
F 8	6 40 40	11°32'43	12♌ 7	16°45	22° 2	21°11	6°27	15°13	6°38	29°21	25°19	0°24	29° 4	19°58	n.a.	F 8
S 9	6 44 36	12°33'23	24°21	17°20	23°13	21°28	6°33	15°15	6°40	29°23	25°19	0°16	29° 1	20° 5	n.a.	S 9
S 10	6 48 33	13°34'01	6♍23	18° 0	24°24	21°45	6°39	15°17	6°42	29°25	25°20	0° 9	28°58	20°11	n.a.	S 10
M11	6 52 30	14°34'39	18°19	18°44	25°34	22° 2	6°46	15°19	6°44	29°27	25°21	0° 4	28°55	20°18	n.a.	M11
T 12	6 56 26	15°35'15	0♎10	19°32	26°45	22°17	6°53	15°21	6°46	29°30	25°21	0° 1	28°52	20°25	n.a.	T 12
W13	7 0 23	16°35'49	12° 2	20°23	27°55	22°33	6°59	15°23	6°48	29°32	25°22	29°D59	28°49	20°31	n.a.	W13
T 14	7 4 19	17°36'22	24° 0	21°18	29° 5	22°48	7° 6	15°26	6°50	29°34	25°22	29♉59	28°45	20°38	n.a.	T 14
F 15	7 8 16	18°36'54	6♏ 8	22°15	0♓15	23° 2	7°14	15°28	6°51	29°36	25°23	0♊ 0	28°42	20°45	n.a.	F 15
S 16	7 12 12	19°37'24	18°32	23°16	1°25	23°16	7°21	15°31	6°53	29°38	25°24	0° 1	28°39	20°52	n.a.	S 16
S 17	7 16 9	20°37'53	1♐16	24°19	2°35	23°30	7°29	15°33	6°55	29°41	25°24	0°R 2	28°36	20°58	n.a.	S 17
M18	7 20 5	21°38'21	14°25	25°24	3°45	23°42	7°36	15°36	6°56	29°43	25°25	0° 1	28°33	21° 5	n.a.	M18
T 19	7 24 2	22°38'46	27°58	26°31	4°54	23°55	7°44	15°39	6°58	29°45	25°26	29♉58	28°29	21°12	n.a.	T 19
W20	7 27 59	23°39'10	11♑57	27°41	6° 3	24° 7	7°52	15°42	6°59	29°48	25°26	29°52	28°26	21°18	n.a.	W20
T 21	7 31 55	24°39'33	26°17	28°53	7°13	24°18	8° 0	15°45	7° 1	29°50	25°27	29°44	28°23	21°25	n.a.	T 21
F 22	7 35 52	25°39'53	10♒54	0♑ 6	8°22	24°29	8° 8	15°48	7° 2	29°52	25°28	29°35	28°20	21°32	n.a.	F 22
S 23	7 39 48	26°40'12	25°39	1°21	9°31	24°39	8°17	15°52	7° 4	29°54	25°29	29°26	28°17	21°39	n.a.	S 23
S 24	7 43 45	27°40'28	10♓25	2°38	10°39	24°48	8°25	15°55	7° 5	29°57	25°30	29°18	28°14	21°45	n.a.	S 24
M25	7 47 41	28°40'42	25° 4	3°56	11°48	24°57	8°34	15°59	7° 6	29°59	25°30	29°11	28°10	21°52	n.a.	M25
T 26	7 51 38	29°40'54	9♈30	5°16	12°56	25° 6	8°43	16° 2	7° 7	0♒ 1	25°31	29° 7	28° 7	21°59	n.a.	T 26
W27	7 55 34	0♒41'03	23°40	6°37	14° 4	25°13	8°52	16° 6	7° 8	0° 3	25°32	29° 5	28° 4	22° 5	n.a.	W27
T 28	7 59 31	1°41'11	7♉33	8° 0	15°12	25°20	9° 1	16°10	7°10	0° 6	25°33	29°D 5	28° 1	22°12	n.a.	T 28
F 29	8 3 28	2°41'16	21° 9	9°24	16°20	25°27	9°10	16°14	7°11	0° 8	25°34	29° 6	27°58	22°19	n.a.	F 29
S 30	8 7 24	3°41'19	4♊30	10°49	17°28	25°33	9°19	16°18	7°12	0°10	25°35	29°R 6	27°55	22°26	n.a.	S 30
S 31	8 11 21	4♒41'19	17♊37	12♑16	18♓35	25♍38	9♈28	16♈22	7♏13	0♒13	25♓36	29♉ 4	27♉51	22♍32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s42	13n30	1 s48	19 s46	3n13	18 s16	1 s23	6n57	2n46	1n11	1 s15	3n44	2 s28	13 s30	0n21	21 s11	0 s34	17 s19	16 s54	20n36	20n19	8n47		n.a.
S 2	23 39	18 32	0 36	19 53	3 4	17 52	1 21	6 50	2 47	1 14	1 14	3 45	2 28	13 31	0 21	21 10	0 34	17 19	16 53	20 37	20 18	8 44		n.a.
S 3	23 37	22 32	0n38	20 2	2 55	17 28	1 18	6 43	2 48	1 16	1 14	3 46	2 28	13 32	0 21	21 10	0 34	17 18	16 53	20 36	20 17	8 41		n.a.
M 4	23 33	25 16	1 48	20 12	2 46	17 4	1 16	6 37	2 49	1 19	1 14	3 46	2 27	13 33	0 21	21 9	0 34	17 18	16 53	20 36	20 17	8 38		n.a.
T 5	23 30	26 33	2 51	20 24	2 36	16 39	1 13	6 30	2 50	1 21	1 14	3 47	2 27	13 33	0 21	21 9	0 34	17 18	16 52	20 35	20 16	8 35		n.a.
W 6	23 25	26 23	3 44	20 36	2 25	16 14	1 10	6 24	2 51	1 24	1 13	3 48	2 27	13 34	0 21	21 8	0 34	17 17	16 52	20 34	20 15	8 32		n.a.
T 7	23 21	24 49	4 26	20 49	2 15	15 48	1 7	6 18	2 53	1 26	1 13	3 49	2 26	13 35	0 21	21 8	0 34	17 16	16 52	20 33	20 14	8 29		n.a.
F 8	23 16	22 5	4 53	21 3	2 4	15 22	1 4	6 12	2 54	1 29	1 13	3 50	2 26	13 35	0 21	21 7	0 34	17 16	16 51	20 31	20 14	8 26		n.a.
S 9	23 10	18 24	5 7	21 17	1 53	14 56	1 2	6 6	2 55	1 32	1 12	3 51	2 26	13 36	0 21	21 7	0 34	17 15	16 51	20 29	20 13	8 23		n.a.
S 10	23 4	14 2	5 7	21 31	1 42	14 29	0 58	6 0	2 56	1 35	1 12	3 52	2 25	13 37	0 21	21 6	0 34	17 15	16 50	20 28	20 12	8 20		n.a.
M11	22 58	9 10	4 53	21 46	1 31	14 2	0 55	5 55	2 57	1 38	1 12	3 53	2 25	13 37	0 21	21 6	0 34	17 14	16 50	20 27	20 12	8 17		n.a.
T 12	22 51	4 0	4 27	22 1	1 21	13 35	0 52	5 49	2 58	1 41	1 11	3 54	2 25	13 38	0 21	21 6	0 34	17 14	16 50	20 26	20 11	8 14		n.a.
W13	22 43	1 s18	3 50	22 15	1 10	13 7	0 49	5 44	3 0	1 44	1 11	3 55	2 25	13 39	0 21	21 5	0 34	17 13	16 49	20 26	20 10	8 11		n.a.
T 14	22 36	6 37	3 2	22 29	1 0	12 39	0 45	5 39	3 1	1 47	1 11	3 57	2 24	13 39	0 21	21 5	0 34	17 13	16 49	20 26	20 10	8 8		n.a.
F 15	22 27	11 47	2 5	22 43	0 49	12 11	0 42	5 35	3 2	1 50	1 11	3 58	2 24	13 40	0 21	21 4	0 34	17 12	16 49	20 26	20 9	8 5		n.a.
S 16	22 19	16 36	1 2	22 57	0 39	11 43	0 38	5 30	3 3	1 53	1 10	3 59	2 24	13 40	0 21	21 4	0 34	17 12	16 48	20 26	20 8	8 2		n.a.
S 17	22 10	20 49	0 s 7	23 10	0 29	11 14	0 35	5 26	3 4	1 56	1 10	4 0	2 23	13 41	0 21	21 3	0 34	17 11	16 48	20 26	20 7	7 59		n.a.
M18	22 0	24 7	1 17	23 22	0 20	10 45	0 31	5 22	3 5	2 0	1 10	4 2	2 23	13 41	0 21	21 3	0 34	17 11	16 48	20 26	20 7	7 56		n.a.
T 19	21 50	26 10	2 24	23 33	0 10	10 16	0 27	5 18	3 7	2 3	1 9	4 3	2 23	13 42	0 21	21 2	0 34	17 10	16 47	20 25	20 6	7 53		n.a.
W20	21 40	26 38	3 25	23 44	0 1	9 46	0 23	5 14	3 8	2 6	1 9	4 5	2 22	13 42	0 21	21 2	0 34	17 9	16 47	20 24	20 5	7 50		n.a.
T 21	21 29	25 21	4 15	23 54	0 s 8	9 17	0 19	5 11	3 9	2 10	1 9	4 6	2 22	13 43	0 21	21 1	0 34	17 9	16 47	20 22	20 5	7 47		n.a.
F 22	21 18	22 21	4 49	24 3	0 17	8 47	0 15	5 7	3 10	2 13	1 9	4 8	2 22	13 43	0 21	21 1	0 34	17 8	16 46	20 21	20 4	7 44		n.a.
S 23	21 7	17 54	5 4	24 11	0 25	8 17	0 11	5 4	3 11	2 17	1 8	4 9	2 22	13 44	0 21	21 0	0 34	17 8	16 46	20 19	20 3	7 41		n.a.
S 24	20 55	12 22	4 59	24 18	0 33	7 47	0 7	5 2	3 12	2 21	1 8	4 11	2 21	13 44	0 21	21 0	0 34	17 7	16 46	20 17	20 2	7 38		n.a.
M25	20 43	6 10	4 34	24 24	0 41	7 17	0 3	4 59	3 14	2 24	1 8	4 12	2 21	13 45	0 21	20 59	0 34	17 6	16 46	20 15	20 2	7 35		n.a.
T 26	20 30	0n15	3 53	24 29	0 49	6 46	0n 1	4 57	3 15	2 28	1 8	4 14	2 21	13 45	0 21	20 59	0 34	17 6	16 45	20 14	20 1	7 32		n.a.
W27	20 17	6 34	2 57	24 32	0 56	6 16	0 6	4 55	3 16	2 32	1 7	4 16	2 20	13 45	0 21	20 58	0 34	17 5	16 45	20 14	20 0	7 29		n.a.
T 28	20 4	12 27	1 52	24 35	1 3	5 45	0 10	4 53	3 17	2 36	1 7	4 18	2 20	13 46	0 21	20 58	0 34	17 4	16 45	20 14	20 0	7 26		n.a.
F 29	19 50	17 37	0 42	24 36	1 10	5 14	0 15	4 51	3 18	2 40	1 7	4 19	2 20	13 46	0 21	20 57	0 34	17 4	16 44	20 14	19 59	7 23		n.a.
S 30	19 36	21 48	0n29	24 35	1 16	4 44	0 19	4 50	3 19	2 44	1 6	4 21	2 20	13 46	0 21	20 57	0 34	17 3	16 44	20 14	19 58	7 20		n.a.
S 31	19 s21	24n48	1n37	24 s34	1 s22	4 s13	0n24	4n49	3n20	2n48	1 s 6	4n23	2 s19	13 s47	0n21	20 s56	0 s34	17 s 3	16 s44	20n14	19n57	7n17		n.a.

Julian Day Number = 1494237.5, Delta T = 05h12m10s
Ecliptic obliquity = 23°46'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'50, Lahiri = -12°32'49 Julian Calendar 1 Jan. 622 BCE == Greg. Calendar 25 Dec. 623 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

FEBRUARY 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 15 17	5♒41'18	0♋33	13♉43	19♓42	25♍42	9♈38	16♈26	7♏13	0♒15	25♓37	29°R 0	27♉48	22♍39	n.a.	M 1
T 2	8 19 14	6°41'14	13°17	15°13	20°49	25°46	9°48	16°30	7°14	0°17	25°38	28♉53	27°45	22°46	n.a.	T 2
W 3	8 23 10	7°41'08	25°51	16°43	21°56	25°49	9°57	16°34	7°15	0°19	25°39	28°44	27°42	22°52	n.a.	W 3
T 4	8 27 7	8°41'00	8♌16	18°14	23° 2	25°52	10° 7	16°39	7°16	0°22	25°39	28°32	27°39	22°59	n.a.	T 4
F 5	8 31 3	9°40'50	20°31	19°47	24° 9	25°54	10°17	16°43	7°16	0°24	25°40	28°19	27°35	23° 6	n.a.	F 5
S 6	8 35 0	10°40'37	2♍37	21°21	25°15	25°55	10°27	16°48	7°17	0°26	25°42	28° 5	27°32	23°13	n.a.	S 6
S 7	8 38 57	11°40'23	14°36	22°56	26°20	25°R55	10°38	16°53	7°18	0°28	25°43	27°53	27°29	23°19	n.a.	S 7
M 8	8 42 53	12°40'07	26°29	24°32	27°26	25°54	10°48	16°58	7°18	0°31	25°44	27°43	27°26	23°26	n.a.	M 8
T 9	8 46 50	13°39'48	8♎19	26°10	28°31	25°53	10°58	17° 2	7°19	0°33	25°45	27°35	27°23	23°33	n.a.	T 9
W10	8 50 46	14°39'28	20°10	27°48	29°36	25°51	11° 9	17° 7	7°19	0°35	25°46	27°30	27°20	23°39	n.a.	W10
T 11	8 54 43	15°39'06	2♏ 6	29°28	0♈41	25°49	11°19	17°12	7°19	0°37	25°47	27°28	27°16	23°46	n.a.	T 11
F 12	8 58 39	16°38'42	14°11	1♐ 9	1°45	25°45	11°30	17°17	7°20	0°39	25°48	27°D27	27°13	23°53	n.a.	F 12
S 13	9 2 36	17°38'17	26°32	2°52	2°50	25°41	11°41	17°23	7°20	0°42	25°49	27°R27	27°10	23°59	n.a.	S 13
S 14	9 6 32	18°37'49	9♑13	4°35	3°53	25°36	11°52	17°28	7°20	0°44	25°50	27°27	27° 7	24° 6	n.a.	S 14
M15	9 10 29	19°37'20	22°19	6°20	4°57	25°30	12° 3	17°33	7°20	0°46	25°51	27°25	27° 4	24°13	n.a.	M15
T 16	9 14 25	20°36'48	5♉53	8° 6	6° 0	25°24	12°14	17°39	7°20	0°48	25°52	27°20	27° 1	24°20	n.a.	T 16
W17	9 18 22	21°36'15	19°57	9°53	7° 3	25°16	12°25	17°44	7°R20	0°50	25°54	27°13	26°57	24°26	n.a.	W17
T 18	9 22 19	22°35'40	4♒28	11°42	8° 6	25° 8	12°37	17°50	7°20	0°53	25°55	27° 4	26°54	24°33	n.a.	T 18
F 19	9 26 15	23°35'03	19°20	13°32	9° 8	24°59	12°48	17°55	7°20	0°55	25°56	26°53	26°51	24°40	n.a.	F 19
S 20	9 30 12	24°34'23	4♓27	15°23	10°10	24°50	12°59	18° 1	7°20	0°57	25°57	26°41	26°48	24°46	n.a.	S 20
S 21	9 34 8	25°33'41	19°36	17°16	11°12	24°39	13°11	18° 7	7°20	0°59	25°58	26°30	26°45	24°53	n.a.	S 21
M22	9 38 5	26°32'57	4♈37	19°10	12°13	24°28	13°23	18°13	7°20	1° 1	26° 0	26°22	26°41	25° 0	n.a.	M22
T 23	9 42 1	27°32'11	19°23	21° 5	13°14	24°16	13°34	18°19	7°19	1° 3	26° 1	26°16	26°38	25° 7	n.a.	T 23
W24	9 45 58	28°31'22	3♉47	23° 1	14°14	24° 3	13°46	18°25	7°19	1° 5	26° 2	26°13	26°35	25°13	n.a.	W24
T 25	9 49 54	29°30'30	17°47	24°59	15°14	23°50	13°58	18°31	7°19	1° 7	26° 3	26°12	26°32	25°20	n.a.	T 25
F 26	9 53 51	0♓29'37	1♊24	26°58	16°14	23°36	14°10	18°37	7°18	1° 9	26° 5	26°12	26°29	25°27	n.a.	F 26
S 27	9 57 48	1°28'40	14°40	28°58	17°13	23°21	14°22	18°43	7°18	1°11	26° 6	26°11	26°26	25°33	n.a.	S 27
S 28	10 1 44	2♓27'42	27♊37	0♓59	18♈12	23♍ 6	14♈34	18♈49	7♏17	1♒13	26♓ 7	26♉ 9	26♉22	25♍40	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s 7	26n25	2n39	24s31	1s28	3s42	0n28	4n48	3n21	2n52	1s 6	4n25	2s19	13s47	0n21	20s56	0s34	17s 2	16s44	20n13	19n57	7n14		n.a.
T 2	18 52	26 37	3 32	24 26	1 33	3 11	0 33	4 48	3 22	2 56	1 6	4 27	2 19	13 47	0 21	20 56	0 34	17 1	16 43	20 11	19 56	7 11		n.a.
W 3	18 36	25 25	4 14	24 20	1 38	2 40	0 38	4 47	3 23	3 0	1 5	4 29	2 18	13 48	0 21	20 55	0 34	17 1	16 43	20 9	19 55	7 8		n.a.
T 4	18 20	22 59	4 43	24 12	1 43	2 9	0 42	4 47	3 24	3 4	1 5	4 31	2 18	13 48	0 21	20 55	0 34	17 0	16 43	20 7	19 54	7 5		n.a.
F 5	18 4	19 33	4 58	24 3	1 47	1 38	0 47	4 47	3 25	3 8	1 5	4 33	2 18	13 48	0 21	20 54	0 34	16 59	16 42	20 4	19 54	7 2		n.a.
S 6	17 48	15 20	5 0	23 53	1 51	1 7	0 52	4 48	3 26	3 12	1 5	4 35	2 18	13 48	0 21	20 54	0 34	16 59	16 42	20 1	19 53	6 59		n.a.
S 7	17 31	10 34	4 48	23 40	1 55	0 36	0 57	4 49	3 27	3 17	1 5	4 37	2 17	13 48	0 21	20 53	0 34	16 58	16 42	19 58	19 52	6 56		n.a.
M 8	17 14	5 27	4 24	23 26	1 58	0 5	1 2	4 50	3 28	3 21	1 4	4 39	2 17	13 48	0 21	20 53	0 34	16 57	16 42	19 55	19 52	6 53		n.a.
T 9	16 57	0 9	3 49	23 11	2 0	0n26	1 7	4 51	3 29	3 25	1 4	4 41	2 17	13 49	0 21	20 52	0 34	16 57	16 41	19 54	19 51	6 50		n.a.
W10	16 40	5s10	3 4	22 53	2 3	0 56	1 12	4 52	3 30	3 30	1 4	4 43	2 17	13 49	0 21	20 52	0 34	16 56	16 41	19 52	19 50	6 47		n.a.
T 11	16 22	10 20	2 10	22 34	2 5	1 27	1 17	4 54	3 31	3 34	1 4	4 45	2 16	13 49	0 21	20 51	0 34	16 56	16 41	19 52	19 49	6 44		n.a.
F 12	16 4	15 13	1 10	22 14	2 6	1 58	1 22	4 56	3 32	3 38	1 3	4 47	2 16	13 49	0 21	20 51	0 34	16 55	16 41	19 52	19 49	6 41		n.a.
S 13	15 46	19 34	0 5	21 51	2 7	2 28	1 27	4 59	3 32	3 43	1 3	4 50	2 16	13 49	0 21	20 50	0 34	16 54	16 40	19 52	19 48	6 37		n.a.
S 14	15 27	23 9	1s 2	21 27	2 8	2 59	1 32	5 1	3 33	3 47	1 3	4 52	2 16	13 49	0 21	20 50	0 34	16 54	16 40	19 52	19 47	6 34		n.a.
M15	15 8	25 40	2 7	21 1	2 8	3 29	1 38	5 4	3 34	3 52	1 3	4 54	2 15	13 49	0 21	20 49	0 34	16 53	16 40	19 51	19 46	6 31		n.a.
T 16	14 49	26 46	3 8	20 33	2 8	3 59	1 43	5 8	3 34	3 57	1 3	4 56	2 15	13 49	0 21	20 49	0 34	16 52	16 40	19 50	19 46	6 28		n.a.
W17	14 30	26 13	4 0	20 3	2 7	4 29	1 48	5 11	3 35	4 1	1 2	4 59	2 15	13 49	0 21	20 48	0 34	16 52	16 40	19 49	19 45	6 25		n.a.
T 18	14 10	23 54	4 37	19 31	2 5	4 59	1 53	5 15	3 36	4 6	1 2	5 1	2 15	13 49	0 21	20 48	0 34	16 51	16 39	19 46	19 44	6 22		n.a.
F 19	13 51	19 55	4 57	18 58	2 4	5 29	1 58	5 19	3 36	4 11	1 2	5 4	2 14	13 49	0 21	20 48	0 34	16 50	16 39	19 44	19 43	6 19		n.a.
S 20	13 31	14 37	4 57	18 22	2 1	5 58	2 4	5 23	3 36	4 15	1 2	5 6	2 14	13 49	0 21	20 47	0 34	16 50	16 39	19 41	19 43	6 16		n.a.
S 21	13 11	8 24	4 36	17 45	1 58	6 28	2 9	5 28	3 37	4 20	1 1	5 8	2 14	13 49	0 21	20 47	0 34	16 49	16 39	19 39	19 42	6 13		n.a.
M22	12 50	1 45	3 56	17 6	1 55	6 57	2 14	5 32	3 37	4 25	1 1	5 11	2 14	13 49	0 21	20 46	0 34	16 48	16 39	19 37	19 41	6 10		n.a.
T 23	12 30	4n54	3 1	16 25	1 51	7 26	2 20	5 37	3 37	4 30	1 1	5 13	2 13	13 49	0 21	20 46	0 34	16 48	16 38	19 35	19 40	6 7		n.a.
W24	12 9	11 9	1 55	15 42	1 47	7 55	2 25	5 43	3 38	4 34	1 1	5 16	2 13	13 49	0 21	20 45	0 35	16 47	16 38	19 34	19 40	6 4		n.a.
T 25	11 48	16 40	0 44	14 58	1 42	8 23	2 30	5 48	3 38	4 39	1 1	5 18	2 13	13 49	0 21	20 45	0 35	16 46	16 38	19 34	19 39	6 1		n.a.
F 26	11 27	21 11	0n27	14 12	1 36	8 51	2 35	5 54	3 38	4 44	1 1	5 21	2 13	13 48	0 21	20 44	0 35	16 46	16 38	19 34	19 38	5 57		n.a.
S 27	11 6	24 28	1 36	13 24	1 30	9 19	2 41	6 0	3 38	4 49	1 0	5 23	2 13	13 48	0 21	20 44	0 35	16 45	16 38	19 34	19 37	5 54		n.a.
S 28	10s44	26n23	2n38	12s34	1s23	9n47	2n46	6n 6	3n37	4n54	1s 0	5n26	2s12	13s48	0n21	20s44	0s35	16s44	16s38	19n34	19n37	5n51		n.a.

Julian Day Number = 1494268.5, Delta T = 05h12m08s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'46, Lahiri = -12°32'45 Julian Calendar 1 Feb. 622 BCE == Greg. Calendar 25 Jan. 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

MARCH 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 5 41	3♓26'41	10♋18	3♓ 1	19♈10	22°R49	14♈46	18♈56	7°R17	1♒15	26♓ 8	26°R 5	26♉19	25♍47	n.a.	M 1
T 2	10 9 37	4°25'37	22°48	5° 4	20° 8	22♍33	14°59	19° 2	7♏16	1°17	26°10	25♉58	26°16	25°54	n.a.	T 2
W 3	10 13 34	5°24'32	5♌ 7	7° 8	21° 5	22°15	15°11	19° 8	7°15	1°19	26°11	25°48	26°13	26° 0	n.a.	W 3
T 4	10 17 30	6°23'24	17°18	9°12	22° 2	21°57	15°23	19°15	7°15	1°21	26°12	25°36	26°10	26° 7	n.a.	T 4
F 5	10 21 27	7°22'13	29°22	11°17	22°58	21°39	15°36	19°21	7°14	1°23	26°14	25°22	26° 7	26°14	n.a.	F 5
S 6	10 25 23	8°21'01	11♍20	13°22	23°54	21°20	15°48	19°28	7°13	1°25	26°15	25° 8	26° 3	26°20	n.a.	S 6
S 7	10 29 20	9°19'46	23°15	15°27	24°49	21° 0	16° 1	19°34	7°12	1°27	26°16	24°55	26° 0	26°27	n.a.	S 7
M 8	10 33 16	10°18'30	5♎ 6	17°32	25°43	20°41	16°13	19°41	7°11	1°29	26°18	24°44	25°57	26°34	n.a.	M 8
T 9	10 37 13	11°17'11	16°56	19°36	26°37	20°20	16°26	19°48	7°10	1°31	26°19	24°36	25°54	26°40	n.a.	T 9
W10	10 41 10	12°15'51	28°47	21°39	27°30	19°59	16°39	19°55	7° 9	1°33	26°20	24°31	25°51	26°47	n.a.	W10
T 11	10 45 6	13°14'28	10♏44	23°41	28°23	19°38	16°52	20° 2	7° 8	1°34	26°22	24°28	25°47	26°54	n.a.	T 11
F 12	10 49 3	14°13'04	22°50	25°41	29°15	19°17	17° 4	20° 8	7° 7	1°36	26°23	24°D27	25°44	27° 1	n.a.	F 12
S 13	10 52 59	15°11'38	5♐ 9	27°40	0♉ 6	18°55	17°17	20°15	7° 6	1°38	26°24	24°27	25°41	27° 7	n.a.	S 13
S 14	10 56 56	16°10'10	17°47	29°36	0°57	18°33	17°30	20°22	7° 5	1°40	26°26	24°R27	25°38	27°14	n.a.	S 14
M15	11 0 52	17° 8'41	0♑48	1♈29	1°47	18°11	17°43	20°29	7° 3	1°42	26°27	24°27	25°35	27°21	n.a.	M15
T 16	11 4 49	18° 7'10	14°17	3°19	2°36	17°49	17°56	20°36	7° 2	1°43	26°29	24°24	25°32	27°27	n.a.	T 16
W17	11 8 45	19° 5'37	28°15	5° 7	3°24	17°26	18° 9	20°44	7° 1	1°45	26°30	24°19	25°28	27°34	n.a.	W17
T 18	11 12 42	20° 4'03	12♒42	6°51	4°11	17° 4	18°23	20°51	6°59	1°47	26°31	24°11	25°25	27°41	n.a.	T 18
F 19	11 16 39	21° 2'26	27°34	8°31	4°58	16°41	18°36	20°58	6°58	1°48	26°33	24° 3	25°22	27°47	n.a.	F 19
S 20	11 20 35	22° 0'48	12♓44	10° 7	5°44	16°19	18°49	21° 5	6°56	1°50	26°34	23°53	25°19	27°54	n.a.	S 20
S 21	11 24 32	22°59'08	28° 2	11°39	6°29	15°56	19° 2	21°12	6°55	1°51	26°35	23°44	25°16	28° 1	n.a.	S 21
M22	11 28 28	23°57'25	13♈16	13° 7	7°12	15°34	19°16	21°20	6°53	1°53	26°37	23°37	25°12	28° 8	n.a.	M22
T 23	11 32 25	24°55'41	28°17	14°30	7°55	15°12	19°29	21°27	6°52	1°55	26°38	23°33	25° 9	28°14	n.a.	T 23
W24	11 36 21	25°53'55	12♉55	15°49	8°37	14°50	19°42	21°34	6°50	1°56	26°40	23°30	25° 6	28°21	n.a.	W24
T 25	11 40 18	26°52'07	27° 8	17° 3	9°18	14°29	19°56	21°42	6°48	1°58	26°41	23°D30	25° 3	28°28	n.a.	T 25
F 26	11 44 14	27°50'16	10♊54	18°13	9°57	14° 7	20° 9	21°49	6°47	1°59	26°42	23°31	25° 0	28°34	n.a.	F 26
S 27	11 48 11	28°48'24	24°14	19°18	10°36	13°47	20°23	21°57	6°45	2° 1	26°44	23°R31	24°57	28°41	n.a.	S 27
S 28	11 52 8	29°46'29	7♋11	20°17	11°13	13°26	20°36	22° 4	6°43	2° 2	26°45	23°31	24°53	28°48	n.a.	S 28
M29	11 56 4	0♈44'33	19°49	21°12	11°49	13° 6	20°50	22°12	6°41	2° 3	26°47	23°29	24°50	28°54	n.a.	M29
T 30	12 0 1	1°42'34	2♌12	22° 2	12°24	12°47	21° 4	22°19	6°40	2° 5	26°48	23°25	24°47	29° 1	n.a.	T 30
W31	12 3 57	2♈40'33	14♌23	22♈47	12♉57	12♍27	21♈17	22♈27	6♏38	2♒ 6	26♓49	23♉19	24♉44	29♍ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	10s23	26n52	3n30	11s43	1s16	10n14	2n51	6n12	3n37	4n59	1s 0	5n29	2s12	13s48	0n21	20s43	0s35	16s44	16s37	19n33	19n36	5n48			n.a.
T 2	10 1	25 57	4 12	10 50	1 8	10 41	2 56	6 19	3 37	5 4	1 0	5 31	2 12	13 48	0 21	20 43	0 35	16 43	16 37	19 31	19 35	5 45			n.a.
W 3	9 39	23 47	4 41	9 56	1 0	11 8	3 2	6 25	3 37	5 9	1 0	5 34	2 12	13 47	0 21	20 42	0 35	16 42	16 37	19 28	19 34	5 42			n.a.
T 4	9 17	20 34	4 57	9 1	0 51	11 35	3 7	6 32	3 36	5 14	0 59	5 37	2 12	13 47	0 21	20 42	0 35	16 42	16 37	19 25	19 34	5 39			n.a.
F 5	8 55	16 31	4 59	8 4	0 41	12 1	3 12	6 39	3 36	5 19	0 59	5 39	2 11	13 47	0 21	20 41	0 35	16 41	16 37	19 22	19 33	5 36			n.a.
S 6	8 33	11 50	4 48	7 7	0 32	12 26	3 17	6 46	3 35	5 24	0 59	5 42	2 11	13 47	0 21	20 41	0 35	16 40	16 37	19 19	19 32	5 33			n.a.
S 7	8 11	6 46	4 25	6 8	0 21	12 52	3 22	6 53	3 34	5 29	0 59	5 45	2 11	13 46	0 21	20 41	0 35	16 40	16 37	19 16	19 31	5 30			n.a.
M 8	7 48	1 27	3 50	5 9	0 11	13 17	3 27	7 0	3 33	5 34	0 59	5 47	2 11	13 46	0 21	20 40	0 35	16 39	16 37	19 13	19 31	5 26			n.a.
T 9	7 26	3s54	3 5	4 10	0n 0	13 41	3 32	7 8	3 32	5 39	0 59	5 50	2 11	13 46	0 21	20 40	0 35	16 38	16 36	19 11	19 30	5 23			n.a.
W10	7 3	9 9	2 12	3 11	0 11	14 6	3 37	7 15	3 31	5 44	0 58	5 53	2 11	13 45	0 21	20 39	0 35	16 38	16 36	19 10	19 29	5 20			n.a.
T 11	6 40	14 6	1 12	2 12	0 23	14 30	3 42	7 22	3 30	5 49	0 58	5 56	2 10	13 45	0 21	20 39	0 35	16 37	16 36	19 9	19 28	5 17			n.a.
F 12	6 18	18 36	0 9	1 13	0 34	14 53	3 47	7 30	3 29	5 54	0 58	5 58	2 10	13 45	0 21	20 39	0 35	16 37	16 36	19 9	19 28	5 14			n.a.
S 13	5 55	22 23	0s57	0 15	0 46	15 16	3 52	7 37	3 28	5 59	0 58	6 1	2 10	13 44	0 21	20 38	0 35	16 36	16 36	19 9	19 27	5 11			n.a.
S 14	5 32	25 12	2 1	0n42	0 57	15 39	3 56	7 45	3 27	6 5	0 58	6 4	2 10	13 44	0 21	20 38	0 35	16 35	16 36	19 9	19 26	5 8			n.a.
M15	5 9	26 47	3 1	1 38	1 8	16 1	4 1	7 52	3 25	6 10	0 58	6 7	2 10	13 43	0 21	20 38	0 35	16 35	16 36	19 9	19 25	5 5			n.a.
T 16	4 46	26 51	3 53	2 33	1 20	16 22	4 5	8 0	3 23	6 15	0 57	6 10	2 10	13 43	0 21	20 37	0 35	16 34	16 36	19 8	19 25	5 1			n.a.
W17	4 22	25 15	4 33	3 26	1 30	16 43	4 10	8 7	3 22	6 20	0 57	6 12	2 9	13 42	0 21	20 37	0 35	16 34	16 36	19 7	19 24	4 58			n.a.
T 18	3 59	21 59	4 57	4 18	1 41	17 4	4 14	8 14	3 20	6 25	0 57	6 15	2 9	13 42	0 21	20 37	0 35	16 33	16 36	19 5	19 23	4 55			n.a.
F 19	3 36	17 13	5 3	5 7	1 51	17 24	4 19	8 22	3 18	6 31	0 57	6 18	2 9	13 41	0 21	20 36	0 35	16 32	16 36	19 3	19 22	4 52			n.a.
S 20	3 13	11 17	4 47	5 54	2 0	17 44	4 23	8 29	3 16	6 36	0 57	6 21	2 9	13 41	0 21	20 36	0 35	16 32	16 36	19 0	19 21	4 49			n.a.
S 21	2 49	4 38	4 11	6 39	2 9	18 3	4 27	8 36	3 14	6 41	0 57	6 24	2 9	13 40	0 21	20 35	0 35	16 31	16 36	18 58	19 21	4 46			n.a.
M22	2 26	2n17	3 18	7 21	2 18	18 22	4 31	8 43	3 12	6 46	0 57	6 27	2 9	13 40	0 21	20 35	0 35	16 31	16 36	18 56	19 20	4 43			n.a.
T 23	2 3	8 59	2 11	8 1	2 25	18 40	4 35	8 49	3 10	6 51	0 56	6 30	2 9	13 39	0 21	20 35	0 35	16 30	16 36	18 55	19 19	4 39			n.a.
W24	1 39	15 2	0 56	8 39	2 32	18 57	4 38	8 56	3 8	6 57	0 56	6 33	2 8	13 39	0 21	20 34	0 35	16 29	16 36	18 54	19 18	4 36			n.a.
T 25	1 16	20 6	0n20	9 13	2 38	19 14	4 42	9 2	3 5	7 2	0 56	6 35	2 8	13 38	0 21	20 34	0 35	16 29	16 36	18 54	19 18	4 33			n.a.
F 26	0 52	23 54	1 32	9 45	2 44	19 30	4 46	9 8	3 3	7 7	0 56	6 38	2 8	13 38	0 21	20 34	0 35	16 28	16 36	18 55	19 17	4 30			n.a.
S 27	0 29	26 16	2 37	10 14	2 48	19 46	4 49	9 14	3 0	7 12	0 56	6 41	2 8	13 37	0 21	20 34	0 35	16 28	16 36	18 55	19 16	4 27			n.a.
S 28	0 5	27 6	3 32	10 41	2 51	20 1	4 52	9 20	2 58	7 18	0 56	6 44	2 8	13 37	0 21	20 33	0 35	16 27	16 36	18 55	19 15	4 24			n.a.
M29	0n18	26 30	4 16	11 4	2 54	20 15	4 55	9 25	2 55	7 23	0 56	6 47	2 8	13 36	0 21	20 33	0 35	16 27	16 36	18 54	19 14	4 21			n.a.
T 30	0 41	24 35	4 46	11 24	2 56	20 29	4 58	9 30	2 53	7 28	0 56	6 50	2 8	13 35	0 21	20 33	0 35	16 26	16 36	18 53	19 14	4 17			n.a.
W31	1n 5	21n34	5n 3	11n42	2n56	20n42	5n 1	9n35	2n50	7n34	0s55	6n53	2s 8	13s35	0n21	20s32	0s35	16s25	16s36	18n52	19n13	4n14			n.a.

Julian Day Number = 1494296.5, Delta T = 05h12m07s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'42, Lahiri = -12°32'41 Julian Calendar 1 March 622 BCE == Greg. Calendar 22 Feb. 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

APRIL 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 7 54	3♈38'31	26♌25	23♈26	13♉29	12°R 9	21♈31	22♈34	6°R36	2♒ 7	26♓51	23°R11	24♉41	29♍15	n.a.	T 1
F 2	12 11 50	4°36'26	8♍22	24° 1	14° 0	11♍51	21°45	22°42	6♏34	2° 9	26°52	23♉ 2	24°38	29°21	n.a.	F 2
S 3	12 15 47	5°34'20	20°15	24°30	14°29	11°34	21°58	22°50	6°32	2°10	26°53	22°53	24°34	29°28	n.a.	S 3
S 4	12 19 43	6°32'11	2♎ 6	24°54	14°56	11°17	22°12	22°57	6°30	2°11	26°55	22°45	24°31	29°35	n.a.	S 4
M 5	12 23 40	7°30'02	13°57	25°12	15°22	11° 1	22°26	23° 5	6°28	2°12	26°56	22°37	24°28	29°41	n.a.	M 5
T 6	12 27 36	8°27'50	25°50	25°26	15°46	10°45	22°39	23°13	6°26	2°14	26°58	22°32	24°25	29°48	n.a.	T 6
W 7	12 31 33	9°25'37	7♏47	25°34	16° 8	10°31	22°53	23°21	6°24	2°15	26°59	22°29	24°22	29°55	n.a.	W 7
T 8	12 35 30	10°23'23	19°49	25°R37	16°29	10°17	23° 7	23°28	6°21	2°16	27° 0	22°D28	24°18	0♎ 1	n.a.	T 8
F 9	12 39 26	11°21'07	2♐ 1	25°35	16°47	10° 3	23°21	23°36	6°19	2°17	27° 2	22°28	24°15	0° 8	n.a.	F 9
S 10	12 43 23	12°18'50	14°25	25°28	17° 4	9°51	23°35	23°44	6°17	2°18	27° 3	22°29	24°12	0°15	n.a.	S 10
S 11	12 47 19	13°16'32	27° 6	25°17	17°19	9°39	23°49	23°52	6°15	2°19	27° 4	22°31	24° 9	0°22	n.a.	S 11
M12	12 51 16	14°14'13	10♑ 7	25° 2	17°32	9°28	24° 3	24° 0	6°13	2°20	27° 6	22°R32	24° 6	0°28	n.a.	M12
T 13	12 55 12	15°11'53	23°31	24°42	17°42	9°18	24°16	24° 7	6°10	2°21	27° 7	22°32	24° 3	0°35	n.a.	T 13
W14	12 59 9	16° 9'31	7♒20	24°19	17°51	9° 8	24°30	24°15	6° 8	2°22	27° 8	22°30	23°59	0°42	n.a.	W14
T 15	13 3 5	17° 7'08	21°36	23°53	17°57	9° 0	24°44	24°23	6° 6	2°23	27°10	22°27	23°56	0°48	n.a.	T 15
F 16	13 7 2	18° 4'44	6♓16	23°24	18° 2	8°52	24°58	24°31	6° 4	2°24	27°11	22°22	23°53	0°55	n.a.	F 16
S 17	13 10 59	19° 2'19	21°15	22°53	18°R 3	8°45	25°12	24°39	6° 1	2°25	27°12	22°18	23°50	1° 2	n.a.	S 17
S 18	13 14 55	19°59'53	6♈24	22°20	18° 3	8°38	25°26	24°47	5°59	2°25	27°14	22°13	23°47	1° 8	n.a.	S 18
M19	13 18 52	20°57'25	21°34	21°46	18° 0	8°33	25°40	24°54	5°57	2°26	27°15	22°10	23°43	1°15	n.a.	M19
T 20	13 22 48	21°54'57	6♉36	21°12	17°55	8°28	25°54	25° 2	5°54	2°27	27°16	22° 7	23°40	1°22	n.a.	T 20
W21	13 26 45	22°52'27	21°20	20°37	17°47	8°25	26° 8	25°10	5°52	2°28	27°17	22°D 7	23°37	1°28	n.a.	W21
T 22	13 30 41	23°49'55	5♊41	20° 4	17°37	8°22	26°22	25°18	5°49	2°28	27°19	22° 7	23°34	1°35	n.a.	T 22
F 23	13 34 38	24°47'23	19°36	19°31	17°25	8°20	26°36	25°26	5°47	2°29	27°20	22° 9	23°31	1°42	n.a.	F 23
S 24	13 38 34	25°44'49	3♋ 4	19° 1	17°10	8°18	26°50	25°34	5°45	2°30	27°21	22°10	23°28	1°49	n.a.	S 24
S 25	13 42 31	26°42'14	16° 6	18°33	16°53	8°D18	27° 4	25°42	5°42	2°30	27°22	22°11	23°24	1°55	n.a.	S 25
M26	13 46 28	27°39'37	28°47	18° 7	16°33	8°18	27°18	25°50	5°40	2°31	27°24	22°R12	23°21	2° 2	n.a.	M26
T 27	13 50 24	28°36'59	11♌10	17°45	16°11	8°19	27°32	25°58	5°37	2°31	27°25	22°11	23°18	2° 9	n.a.	T 27
W28	13 54 21	29°34'19	23°19	17°26	15°47	8°21	27°46	26° 6	5°35	2°32	27°26	22° 9	23°15	2°15	n.a.	W28
T 29	13 58 17	0♉31'39	5♍18	17°11	15°21	8°24	28° 0	26°13	5°32	2°32	27°27	22° 7	23°12	2°22	n.a.	T 29
F 30	14 2 14	1♉28'57	17♍11	17♈ 0	14♉53	8♍27	28♈14	26♈21	5♏30	2♒33	27♓28	22♉ 4	23♉ 9	2♎29	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n28	17n40	5n 6	11n56	2n55	20n55	5n 3	9n40	2n47	7n39	0s55	6n56	2s 7	13s34	0n21	20s32	0s35	16s25	16s36	18n50	19n12	4n11		n.a.
F 2	1 51	13 6	4 56	12 8	2 54	21 6	5 5	9 44	2 44	7 44	0 55	6 59	2 7	13 33	0 21	20 32	0 35	16 24	16 36	18 47	19 11	4 8		n.a.
S 3	2 15	8 5	4 33	12 16	2 51	21 17	5 7	9 48	2 41	7 49	0 55	7 2	2 7	13 33	0 21	20 32	0 35	16 24	16 36	18 45	19 11	4 5		n.a.
S 4	2 38	2 47	3 58	12 21	2 47	21 27	5 9	9 52	2 39	7 55	0 55	7 5	2 7	13 32	0 21	20 31	0 35	16 23	16 36	18 43	19 10	4 2		n.a.
M 5	3 1	2s37	3 13	12 24	2 42	21 36	5 11	9 56	2 36	8 0	0 55	7 8	2 7	13 31	0 21	20 31	0 36	16 23	16 36	18 41	19 9	3 58		n.a.
T 6	3 24	7 58	2 19	12 23	2 36	21 45	5 12	9 59	2 33	8 5	0 55	7 11	2 7	13 31	0 21	20 31	0 36	16 22	16 36	18 40	19 8	3 55		n.a.
W 7	3 47	13 3	1 19	12 19	2 29	21 53	5 13	10 2	2 30	8 11	0 55	7 14	2 7	13 30	0 21	20 31	0 36	16 22	16 36	18 39	19 7	3 52		n.a.
T 8	4 10	17 42	0 14	12 12	2 20	21 59	5 14	10 5	2 27	8 16	0 55	7 17	2 7	13 29	0 21	20 30	0 36	16 21	16 36	18 38	19 7	3 49		n.a.
F 9	4 33	21 42	0s52	12 2	2 10	22 5	5 14	10 7	2 24	8 21	0 54	7 20	2 7	13 29	0 21	20 30	0 36	16 21	16 36	18 39	19 6	3 46		n.a.
S 10	4 56	24 47	1 56	11 50	1 59	22 10	5 14	10 9	2 21	8 26	0 54	7 23	2 7	13 28	0 21	20 30	0 36	16 20	16 36	18 39	19 5	3 43		n.a.
S 11	5 19	26 41	2 57	11 35	1 48	22 15	5 14	10 11	2 18	8 32	0 54	7 26	2 6	13 27	0 21	20 30	0 36	16 20	16 36	18 39	19 4	3 39		n.a.
M12	5 41	27 12	3 50	11 17	1 35	22 18	5 13	10 12	2 15	8 37	0 54	7 29	2 6	13 26	0 21	20 30	0 36	16 19	16 36	18 40	19 3	3 36		n.a.
T 13	6 4	26 10	4 33	10 57	1 21	22 20	5 12	10 13	2 11	8 42	0 54	7 32	2 6	13 26	0 21	20 29	0 36	16 19	16 36	18 39	19 3	3 33		n.a.
W14	6 26	23 32	5 1	10 35	1 6	22 21	5 11	10 14	2 8	8 47	0 54	7 35	2 6	13 25	0 21	20 29	0 36	16 19	16 36	18 39	19 2	3 30		n.a.
T 15	6 49	19 24	5 11	10 10	0 51	22 21	5 9	10 14	2 5	8 53	0 54	7 38	2 6	13 24	0 21	20 29	0 36	16 18	16 36	18 38	19 1	3 27		n.a.
F 16	7 11	14 0	5 2	9 45	0 35	22 20	5 7	10 15	2 2	8 58	0 54	7 41	2 6	13 23	0 21	20 29	0 36	16 18	16 37	18 37	19 0	3 24		n.a.
S 17	7 33	7 41	4 33	9 18	0 18	22 18	5 4	10 14	1 59	9 3	0 54	7 44	2 6	13 23	0 21	20 29	0 36	16 17	16 37	18 36	18 59	3 20		n.a.
S 18	7 55	0 51	3 44	8 50	0 1	22 15	5 1	10 14	1 56	9 8	0 54	7 47	2 6	13 22	0 21	20 29	0 36	16 17	16 37	18 35	18 59	3 17		n.a.
M19	8 17	6n 4	2 39	8 21	0s16	22 11	4 58	10 13	1 53	9 14	0 53	7 49	2 6	13 21	0 21	20 28	0 36	16 16	16 37	18 34	18 58	3 14		n.a.
T 20	8 39	12 35	1 24	7 52	0 33	22 6	4 54	10 12	1 50	9 19	0 53	7 52	2 6	13 20	0 21	20 28	0 36	16 16	16 37	18 33	18 57	3 11		n.a.
W21	9 1	18 17	0 4	7 23	0 50	21 59	4 49	10 11	1 47	9 24	0 53	7 55	2 6	13 19	0 21	20 28	0 36	16 16	16 37	18 33	18 56	3 8		n.a.
T 22	9 22	22 46	1n14	6 55	1 7	21 51	4 44	10 9	1 44	9 29	0 53	7 58	2 6	13 19	0 21	20 28	0 36	16 15	16 37	18 33	18 55	3 4		n.a.
F 23	9 44	25 46	2 25	6 27	1 23	21 42	4 38	10 7	1 41	9 34	0 53	8 1	2 6	13 18	0 21	20 28	0 36	16 15	16 37	18 33	18 55	3 1		n.a.
S 24	10 5	27 10	3 26	6 1	1 39	21 32	4 32	10 5	1 38	9 40	0 53	8 4	2 6	13 17	0 21	20 28	0 36	16 14	16 38	18 34	18 54	2 58		n.a.
S 25	10 26	26 59	4 14	5 36	1 54	21 21	4 26	10 2	1 35	9 45	0 53	8 7	2 6	13 16	0 21	20 28	0 36	16 14	16 38	18 34	18 53	2 55		n.a.
M26	10 47	25 23	4 49	5 14	2 9	21 8	4 18	10 0	1 32	9 50	0 53	8 10	2 6	13 15	0 21	20 28	0 36	16 14	16 38	18 34	18 52	2 52		n.a.
T 27	11 8	22 36	5 9	4 53	2 22	20 54	4 10	9 56	1 29	9 55	0 53	8 13	2 6	13 15	0 21	20 27	0 36	16 13	16 38	18 34	18 51	2 48		n.a.
W28	11 28	18 52	5 14	4 34	2 34	20 39	4 2	9 53	1 27	10 0	0 53	8 16	2 6	13 14	0 21	20 27	0 36	16 13	16 38	18 34	18 51	2 45		n.a.
T 29	11 49	14 26	5 6	4 18	2 46	20 22	3 53	9 49	1 24	10 5	0 53	8 19	2 6	13 13	0 21	20 27	0 36	16 13	16 38	18 33	18 50	2 42		n.a.
F 30	12n 9	9n29	4n45	4n 4	2s56	20n 4	3n43	9n45	1n21	10n10	0s53	8n22	2s 6	13s12	0n21	20s27	0s36	16s12	16s39	18n32	18n49	2n39		n.a.

Julian Day Number = 1494327.5, Delta T = 05h12m06s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'38, Lahiri = -12°32'37 Julian Calendar 1 Apr. 622 BCE == Greg. Calendar 25 March 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

MAY 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 6 10	2♉26'14	29♍ 2	16°R53	14°R23	8♍32	28♈28	26♈29	5°R27	2♒33	27♓30	22°R 0	23♉ 5	2♎35	n.a.	S 1
S 2	14 10 7	3°23'30	10♎53	16°D51	13♉51	8°37	28°42	26°37	5♏25	2°33	27°31	21♉58	23° 2	2°42	n.a.	S 2
M 3	14 14 3	4°20'44	22°47	16♈53	13°18	8°42	28°56	26°45	5°22	2°34	27°32	21°55	22°59	2°49	n.a.	M 3
T 4	14 18 0	5°17'59	4♏45	17° 0	12°44	8°49	29° 9	26°53	5°20	2°34	27°33	21°54	22°56	2°56	n.a.	T 4
W 5	14 21 57	6°15'12	16°51	17°11	12° 8	8°56	29°23	27° 1	5°18	2°34	27°34	21°D53	22°53	3° 2	n.a.	W 5
T 6	14 25 53	7°12'25	29° 5	17°26	11°32	9° 4	29°37	27° 8	5°15	2°35	27°35	21°53	22°49	3° 9	n.a.	T 6
F 7	14 29 50	8° 9'37	11♐30	17°47	10°55	9°12	29°51	27°16	5°13	2°35	27°36	21°54	22°46	3°16	n.a.	F 7
S 8	14 33 46	9° 6'48	24° 7	18°11	10°17	9°21	0♑ 5	27°24	5°10	2°35	27°38	21°55	22°43	3°22	n.a.	S 8
S 9	14 37 43	10° 3'59	6♑59	18°40	9°39	9°31	0°19	27°32	5° 8	2°35	27°39	21°56	22°40	3°29	n.a.	S 9
M10	14 41 39	11° 1'10	20° 8	19°13	9° 2	9°42	0°33	27°39	5° 5	2°35	27°40	21°57	22°37	3°36	n.a.	M10
T 11	14 45 36	11°58'20	3♒34	19°51	8°24	9°53	0°47	27°47	5° 3	2°35	27°41	21°57	22°34	3°42	n.a.	T 11
W12	14 49 32	12°55'30	17°20	20°32	7°47	10° 5	1° 0	27°55	5° 0	2°35	27°42	21°R57	22°30	3°49	n.a.	W12
T 13	14 53 29	13°52'40	1♓26	21°18	7°11	10°17	1°14	28° 3	4°58	2°R35	27°43	21°57	22°27	3°56	n.a.	T 13
F 14	14 57 26	14°49'50	15°50	22° 7	6°36	10°30	1°28	28°10	4°55	2°35	27°44	21°56	22°24	4° 2	n.a.	F 14
S 15	15 1 22	15°46'59	0♈29	23° 1	6° 3	10°44	1°42	28°18	4°53	2°35	27°45	21°56	22°21	4° 9	n.a.	S 15
S 16	15 5 19	16°44'08	15°18	23°58	5°30	10°58	1°55	28°26	4°51	2°35	27°46	21°55	22°18	4°16	n.a.	S 16
M17	15 9 15	17°41'17	0♉10	24°59	4°59	11°13	2° 9	28°33	4°48	2°35	27°47	21°55	22°15	4°22	n.a.	M17
T 18	15 13 12	18°38'25	14°57	26° 4	4°30	11°28	2°23	28°41	4°46	2°35	27°48	21°D54	22°11	4°29	n.a.	T 18
W19	15 17 8	19°35'34	29°33	27°13	4° 3	11°44	2°36	28°48	4°43	2°35	27°49	21°54	22° 8	4°36	n.a.	W19
T 20	15 21 5	20°32'42	13♊51	28°25	3°38	12° 1	2°50	28°56	4°41	2°35	27°50	21°54	22° 5	4°43	n.a.	T 20
F 21	15 25 2	21°29'49	27°47	29°40	3°14	12°18	3° 3	29° 4	4°39	2°34	27°50	21°R55	22° 2	4°49	n.a.	F 21
S 22	15 28 58	22°26'56	11♋18	0♉59	2°53	12°36	3°17	29°11	4°36	2°34	27°51	21°55	21°59	4°56	n.a.	S 22
S 23	15 32 55	23°24'03	24°25	2°22	2°35	12°54	3°31	29°19	4°34	2°34	27°52	21°54	21°55	5° 3	n.a.	S 23
M24	15 36 51	24°21'10	7♌10	3°48	2°18	13°13	3°44	29°26	4°32	2°33	27°53	21°54	21°52	5° 9	n.a.	M24
T 25	15 40 48	25°18'15	19°36	5°17	2° 4	13°32	3°57	29°33	4°29	2°33	27°54	21°D54	21°49	5°16	n.a.	T 25
W26	15 44 44	26°15'21	1♍46	6°50	1°52	13°51	4°11	29°41	4°27	2°33	27°55	21°54	21°46	5°23	n.a.	W26
T 27	15 48 41	27°12'26	13°45	8°26	1°43	14°12	4°24	29°48	4°25	2°32	27°56	21°54	21°43	5°29	n.a.	T 27
F 28	15 52 37	28° 9'31	25°37	10° 5	1°36	14°32	4°38	29°55	4°23	2°32	27°56	21°55	21°40	5°36	n.a.	F 28
S 29	15 56 34	29° 6'35	7♎28	11°48	1°32	14°53	4°51	0♑ 3	4°21	2°31	27°57	21°55	21°36	5°43	n.a.	S 29
S 30	16 0 31	0♊ 3'40	19°21	13°33	1°D29	15°15	5° 4	0°10	4°18	2°31	27°58	21°56	21°33	5°49	n.a.	S 30
M31	16 4 27	1♊ 0'44	1♏19	15♑22	1♑29	15♍37	5♑17	0♑17	4♏16	2♒30	27♓59	21♑57	21♑30	5♎56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n29	4n14	4n11	3n53	3s 5	19n45	3n33	9n41	1n18	10n16	0s53	8n25	2s 5	13s11	0n21	20s27	0s36	16s12	16s39	18n31	18n48	2n36		n.a.
S 2	12 49	1s12	3 27	3 44	3 14	19 26	3 22	9 37	1 15	10 21	0 52	8 27	2 5	13 10	0 21	20 27	0 36	16 12	16 39	18 31	18 47	2 32		n.a.
M 3	13 9	6 36	2 34	3 39	3 21	19 5	3 11	9 32	1 13	10 26	0 52	8 30	2 5	13 10	0 21	20 27	0 36	16 12	16 39	18 30	18 47	2 29		n.a.
T 4	13 28	11 49	1 33	3 36	3 27	18 43	2 59	9 27	1 10	10 31	0 52	8 33	2 5	13 9	0 21	20 27	0 36	16 11	16 39	18 30	18 46	2 26		n.a.
W 5	13 47	16 40	0 28	3 35	3 31	18 20	2 47	9 22	1 7	10 36	0 52	8 36	2 5	13 8	0 21	20 27	0 36	16 11	16 39	18 29	18 45	2 23		n.a.
T 6	14 6	20 53	0s40	3 38	3 35	17 57	2 34	9 17	1 4	10 41	0 52	8 39	2 5	13 7	0 21	20 27	0 37	16 11	16 40	18 29	18 44	2 20		n.a.
F 7	14 25	24 14	1 46	3 43	3 38	17 33	2 22	9 11	1 2	10 46	0 52	8 42	2 5	13 6	0 21	20 27	0 37	16 10	16 40	18 30	18 43	2 16		n.a.
S 8	14 44	26 27	2 49	3 51	3 39	17 8	2 8	9 5	0 59	10 51	0 52	8 45	2 5	13 5	0 21	20 27	0 37	16 10	16 40	18 30	18 42	2 13		n.a.
S 9	15 2	27 19	3 45	4 1	3 40	16 43	1 55	8 59	0 57	10 56	0 52	8 47	2 5	13 5	0 21	20 27	0 37	16 10	16 40	18 30	18 42	2 10		n.a.
M10	15 20	26 41	4 29	4 14	3 40	16 18	1 41	8 52	0 54	11 1	0 52	8 50	2 5	13 4	0 21	20 27	0 37	16 10	16 40	18 30	18 41	2 7		n.a.
T 11	15 38	24 29	5 1	4 30	3 39	15 52	1 27	8 46	0 52	11 6	0 52	8 53	2 5	13 3	0 21	20 27	0 37	16 9	16 41	18 30	18 40	2 4		n.a.
W12	15 56	20 51	5 16	4 47	3 37	15 27	1 13	8 39	0 49	11 11	0 52	8 56	2 5	13 2	0 21	20 27	0 37	16 9	16 41	18 30	18 39	2 0		n.a.
T 13	16 13	15 58	5 13	5 7	3 34	15 2	0 59	8 32	0 47	11 15	0 52	8 59	2 5	13 1	0 21	20 27	0 37	16 9	16 41	18 30	18 38	1 57		n.a.
F 14	16 31	10 6	4 50	5 29	3 30	14 37	0 45	8 25	0 44	11 20	0 52	9 1	2 5	13 1	0 21	20 27	0 37	16 9	16 41	18 30	18 37	1 54		n.a.
S 15	16 48	3 35	4 8	5 54	3 25	14 13	0 31	8 17	0 42	11 25	0 52	9 4	2 5	13 0	0 21	20 27	0 37	16 9	16 42	18 30	18 37	1 51		n.a.
S 16	17 4	3n12	3 9	6 20	3 20	13 49	0 17	8 10	0 40	11 30	0 52	9 7	2 6	12 59	0 21	20 27	0 37	16 9	16 42	18 30	18 36	1 47		n.a.
M17	17 21	9 51	1 58	6 48	3 14	13 25	0 4	8 2	0 37	11 35	0 52	9 9	2 6	12 58	0 21	20 27	0 37	16 8	16 42	18 30	18 35	1 44		n.a.
T 18	17 37	15 56	0 38	7 18	3 8	13 3	0s10	7 54	0 35	11 40	0 52	9 12	2 6	12 57	0 21	20 27	0 37	16 8	16 42	18 30	18 34	1 41		n.a.
W19	17 52	21 1	0n42	7 49	3 0	12 41	0 23	7 46	0 33	11 44	0 52	9 15	2 6	12 57	0 21	20 27	0 37	16 8	16 43	18 30	18 33	1 38		n.a.
T 20	18 8	24 45	1 59	8 23	2 52	12 20	0 36	7 37	0 30	11 49	0 51	9 17	2 6	12 56	0 21	20 27	0 37	16 8	16 43	18 30	18 33	1 34		n.a.
F 21	18 23	26 51	3 6	8 57	2 44	12 1	0 48	7 28	0 28	11 54	0 51	9 20	2 6	12 55	0 21	20 27	0 37	16 8	16 43	18 30	18 32	1 31		n.a.
S 22	18 38	27 17	4 1	9 34	2 35	11 42	1 1	7 20	0 26	11 59	0 51	9 23	2 6	12 54	0 21	20 28	0 37	16 8	16 43	18 30	18 31	1 28		n.a.
S 23	18 53	26 9	4 42	10 11	2 26	11 24	1 12	7 11	0 24	12 3	0 51	9 25	2 6	12 53	0 21	20 28	0 37	16 8	16 44	18 30	18 30	1 25		n.a.
M24	19 7	23 40	5 7	10 50	2 16	11 8	1 24	7 1	0 22	12 8	0 51	9 28	2 6	12 53	0 21	20 28	0 37	16 7	16 44	18 30	18 29	1 22		n.a.
T 25	19 21	20 9	5 17	11 30	2 6	10 52	1 35	6 52	0 20	12 13	0 51	9 31	2 6	12 52	0 21	20 28	0 37	16 7	16 44	18 30	18 28	1 18		n.a.
W26	19 35	15 51	5 12	12 11	1 55	10 38	1 46	6 42	0 18	12 17	0 51	9 33	2 6	12 51	0 21	20 28	0 37	16 7	16 45	18 30	18 28	1 15		n.a.
T 27	19 48	11 0	4 54	12 52	1 44	10 26	1 56	6 33	0 16	12 22	0 51	9 36	2 6	12 50	0 21	20 28	0 37	16 7	16 45	18 30	18 27	1 12		n.a.
F 28	20 2	5 47	4 24	13 35	1 33	10 14	2 6	6 23	0 14	12 26	0 51	9 38	2 6	12 50	0 21	20 28	0 37	16 7	16 45	18 30	18 26	1 9		n.a.
S 29	20 14	0 24	3 42	14 18	1 21	10 4	2 15	6 13	0 12	12 31	0 51	9 41	2 6	12 49	0 21	20 28	0 37	16 7	16 45	18 30	18 25	1 5		n.a.
S 30	20 27	5s 2	2 51	15 1	1 10	9 55	2 24	6 2	0 10	12 35	0 51	9 43	2 6	12 48	0 21	20 29	0 37	16 7	16 46	18 30	18 24	1 2		n.a.
M31	20n39	10s21	1n52	15n45	0s58	9n47	2s32	5n52	0n 8	12n40	0s51	9n46	2s 6	12s48	0n21	20s29	0s37	16s 7	16s46	18n30	18n23	0n59		n.a.

Julian Day Number = 1494357.5, Delta T = 05h12m04s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'33, Lahiri = -12°32'33 Julian Calendar 1 May 622 BCE == Greg. Calendar 24 Apr. 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

JUNE 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 8 24	1♊57'48	13♏25	17♉13	1♉32	16♍ 0	5♉31	0♉24	4°R14	2°R30	27♓59	21♉58	21♉27	6♎ 3	n.a.	T 1
W 2	16 12 20	2°54'53	25°43	19° 7	1°37	16°22	5°44	0°31	4♏12	2♒29	28° 0	21°R58	21°24	6° 9	n.a.	W 2
T 3	16 16 17	3°51'57	8♐12	21° 4	1°43	16°46	5°57	0°38	4°10	2°28	28° 1	21°57	21°21	6°16	n.a.	T 3
F 4	16 20 13	4°49'02	20°56	23° 3	1°52	17°10	6°10	0°45	4° 8	2°28	28° 1	21°56	21°17	6°23	n.a.	F 4
S 5	16 24 10	5°46'07	3♑53	25° 4	2° 4	17°34	6°23	0°52	4° 6	2°27	28° 2	21°55	21°14	6°30	n.a.	S 5
S 6	16 28 6	6°43'13	17° 5	27° 7	2°17	17°58	6°36	0°59	4° 4	2°26	28° 3	21°53	21°11	6°36	n.a.	S 6
M 7	16 32 3	7°40'19	0♒30	29°12	2°32	18°23	6°49	1° 6	4° 2	2°26	28° 3	21°51	21° 8	6°43	n.a.	M 7
T 8	16 36 0	8°37'26	14° 9	1♊19	2°49	18°48	7° 1	1°13	4° 0	2°25	28° 4	21°49	21° 5	6°50	n.a.	T 8
W 9	16 39 56	9°34'33	28° 0	3°26	3° 8	19°14	7°14	1°20	3°58	2°24	28° 4	21°48	21° 1	6°56	n.a.	W 9
T 10	16 43 53	10°31'41	12♓ 3	5°34	3°29	19°40	7°27	1°27	3°57	2°23	28° 5	21°D48	20°58	7° 3	n.a.	T 10
F 11	16 47 49	11°28'49	26°15	7°42	3°52	20° 6	7°40	1°33	3°55	2°22	28° 5	21°48	20°55	7°10	n.a.	F 11
S 12	16 51 46	12°25'59	10♈36	9°51	4°16	20°33	7°52	1°40	3°53	2°21	28° 6	21°49	20°52	7°16	n.a.	S 12
S 13	16 55 42	13°23'09	25° 1	12° 0	4°42	21° 0	8° 5	1°47	3°51	2°20	28° 6	21°50	20°49	7°23	n.a.	S 13
M14	16 59 39	14°20'20	9♉28	14° 8	5° 9	21°28	8°17	1°53	3°50	2°19	28° 7	21°52	20°46	7°30	n.a.	M14
T 15	17 3 36	15°17'32	23°51	16°16	5°38	21°56	8°30	2° 0	3°48	2°19	28° 7	21°R52	20°42	7°36	n.a.	T 15
W16	17 7 32	16°14'44	8♊ 7	18°23	6° 9	22°24	8°42	2° 6	3°46	2°18	28° 8	21°51	20°39	7°43	n.a.	W16
T 17	17 11 29	17°11'57	22°10	20°29	6°40	22°52	8°54	2°13	3°45	2°16	28° 8	21°49	20°36	7°50	n.a.	T 17
F 18	17 15 25	18° 9'11	5♋56	22°34	7°14	23°21	9° 7	2°19	3°43	2°15	28° 8	21°46	20°33	7°56	n.a.	F 18
S 19	17 19 22	19° 6'26	19°22	24°37	7°48	23°50	9°19	2°25	3°42	2°14	28° 9	21°42	20°30	8° 3	n.a.	S 19
S 20	17 23 18	20° 3'41	2♌27	26°40	8°24	24°20	9°31	2°31	3°40	2°13	28° 9	21°38	20°27	8°10	n.a.	S 20
M21	17 27 15	21° 0'57	15°12	28°40	9° 1	24°49	9°43	2°38	3°39	2°12	28°10	21°34	20°23	8°16	n.a.	M21
T 22	17 31 11	21°58'13	27°39	0♋40	9°39	25°19	9°55	2°44	3°37	2°11	28°10	21°30	20°20	8°23	n.a.	T 22
W23	17 35 8	22°55'29	9♍50	2°37	10°18	25°50	10° 7	2°50	3°36	2°10	28°10	21°28	20°17	8°30	n.a.	W23
T 24	17 39 5	23°52'47	21°49	4°34	10°58	26°20	10°19	2°56	3°35	2° 9	28°10	21°D27	20°14	8°37	n.a.	T 24
F 25	17 43 1	24°50'05	3♎42	6°28	11°39	26°51	10°31	3° 2	3°34	2° 7	28°11	21°28	20°11	8°43	n.a.	F 25
S 26	17 46 58	25°47'23	15°32	8°21	12°22	27°22	10°42	3° 7	3°32	2° 6	28°11	21°29	20° 7	8°50	n.a.	S 26
S 27	17 50 54	26°44'42	27°26	10°12	13° 5	27°54	10°54	3°13	3°31	2° 5	28°11	21°31	20° 4	8°57	n.a.	S 27
M28	17 54 51	27°42'02	9♏28	12° 2	13°49	28°25	11° 5	3°19	3°30	2° 4	28°11	21°32	20° 1	9° 3	n.a.	M28
T 29	17 58 47	28°39'23	21°41	13°50	14°34	28°57	11°17	3°24	3°29	2° 2	28°11	21°R33	19°58	9°10	n.a.	T 29
W30	18 2 44	29♊36'45	4♐ 9	15♋36	15♉20	29♍30	11♉28	3♉30	3♏28	2♒ 1	28♓11	21♉32	19♉55	9♎17	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n50	15s20	0n47	16n28	0s46	9n40	2s40	5n41	0n 6	12n44	0s51	9n48	2s 6	12s47	0n21	20s29	0s37	16s 7	16s46	18n31	18n23	0n56		n.a.
W 2	21 2	19 47	0s21	17 12	0 34	9 34	2 48	5 31	0 4	12 49	0 51	9 51	2 6	12 46	0 21	20 29	0 37	16 7	16 47	18 31	18 22	0 52		n.a.
T 3	21 13	23 26	1 29	17 55	0 22	9 30	2 55	5 20	0 2	12 53	0 51	9 53	2 6	12 45	0 21	20 29	0 37	16 7	16 47	18 30	18 21	0 49		n.a.
F 4	21 24	26 0	2 33	18 37	0 11	9 27	3 2	5 9	0 0	12 57	0 51	9 55	2 6	12 45	0 21	20 29	0 37	16 7	16 47	18 30	18 20	0 46		n.a.
S 5	21 34	27 14	3 31	19 18	0n 0	9 25	3 8	4 57	0s 2	13 2	0 51	9 58	2 7	12 44	0 21	20 30	0 37	16 7	16 47	18 30	18 19	0 43		n.a.
S 6	21 44	26 57	4 19	19 59	0 12	9 24	3 14	4 46	0 3	13 6	0 51	10 0	2 7	12 43	0 21	20 30	0 37	16 7	16 48	18 29	18 18	0 39		n.a.
M 7	21 54	25 6	4 54	20 37	0 22	9 24	3 20	4 35	0 5	13 10	0 51	10 3	2 7	12 43	0 21	20 30	0 38	16 7	16 48	18 29	18 17	0 36		n.a.
T 8	22 3	21 47	5 13	21 14	0 33	9 25	3 25	4 23	0 7	13 15	0 51	10 5	2 7	12 42	0 21	20 30	0 38	16 7	16 48	18 28	18 17	0 33		n.a.
W 9	22 12	17 13	5 14	21 50	0 42	9 27	3 30	4 11	0 8	13 19	0 51	10 7	2 7	12 42	0 21	20 30	0 38	16 7	16 49	18 28	18 16	0 30		n.a.
T 10	22 20	11 41	4 56	22 23	0 52	9 30	3 34	3 59	0 10	13 23	0 51	10 9	2 7	12 41	0 21	20 31	0 38	16 7	16 49	18 28	18 15	0 26		n.a.
F 11	22 28	5 29	4 20	22 53	1 0	9 34	3 38	3 47	0 12	13 27	0 51	10 12	2 7	12 40	0 21	20 31	0 38	16 7	16 49	18 28	18 14	0 23		n.a.
S 12	22 36	1n 4	3 28	23 22	1 8	9 38	3 42	3 35	0 13	13 31	0 51	10 14	2 7	12 40	0 21	20 31	0 38	16 7	16 50	18 28	18 13	0 20		n.a.
S 13	22 43	7 37	2 23	23 48	1 16	9 44	3 45	3 23	0 15	13 36	0 51	10 16	2 7	12 39	0 21	20 31	0 38	16 8	16 50	18 29	18 12	0 17		n.a.
M14	22 50	13 47	1 8	24 11	1 23	9 50	3 49	3 11	0 17	13 40	0 51	10 18	2 7	12 39	0 21	20 32	0 38	16 8	16 50	18 29	18 11	0 13		n.a.
T 15	22 57	19 10	0n11	24 31	1 29	9 57	3 51	2 58	0 18	13 44	0 51	10 20	2 7	12 38	0 21	20 32	0 38	16 8	16 51	18 29	18 11	0 10		n.a.
W16	23 3	23 25	1 28	24 49	1 34	10 5	3 54	2 45	0 20	13 48	0 51	10 23	2 8	12 38	0 21	20 32	0 38	16 8	16 51	18 29	18 10	0 7		n.a.
T 17	23 9	26 11	2 39	25 4	1 38	10 13	3 56	2 33	0 21	13 52	0 51	10 25	2 8	12 37	0 21	20 32	0 38	16 8	16 51	18 28	18 9	0 4		n.a.
F 18	23 14	27 17	3 39	25 16	1 42	10 22	3 58	2 20	0 23	13 56	0 51	10 27	2 8	12 37	0 21	20 33	0 38	16 8	16 52	18 28	18 8	0 0		n.a.
S 19	23 19	26 43	4 25	25 25	1 45	10 31	4 0	2 7	0 24	14 0	0 51	10 29	2 8	12 36	0 21	20 33	0 38	16 8	16 52	18 27	18 7	0s 3		n.a.
S 20	23 24	24 40	4 56	25 32	1 48	10 42	4 1	1 53	0 26	14 3	0 51	10 31	2 8	12 36	0 21	20 33	0 38	16 9	16 52	18 25	18 6	0 6		n.a.
M21	23 28	21 26	5 11	25 36	1 50	10 52	4 3	1 40	0 27	14 7	0 51	10 33	2 8	12 35	0 21	20 33	0 38	16 9	16 53	18 24	18 6	0 9		n.a.
T 22	23 31	17 18	5 11	25 37	1 51	11 3	4 4	1 27	0 29	14 11	0 51	10 35	2 8	12 35	0 20	20 34	0 38	16 9	16 53	18 23	18 5	0 13		n.a.
W23	23 35	12 34	4 57	25 36	1 51	11 15	4 4	1 13	0 30	14 15	0 51	10 37	2 8	12 34	0 20	20 34	0 38	16 9	16 53	18 23	18 4	0 16		n.a.
T 24	23 38	7 25	4 30	25 32	1 51	11 27	4 5	1 0	0 31	14 19	0 51	10 39	2 8	12 34	0 20	20 34	0 38	16 9	16 54	18 23	18 3	0 19		n.a.
F 25	23 40	2 3	3 52	25 27	1 50	11 39	4 5	0 46	0 33	14 22	0 51	10 41	2 9	12 33	0 20	20 35	0 38	16 9	16 54	18 23	18 2	0 22		n.a.
S 26	23 42	3s23	3 4	25 19	1 49	11 52	4 5	0 32	0 34	14 26	0 51	10 43	2 9	12 33	0 20	20 35	0 38	16 10	16 54	18 23	18 1	0 26		n.a.
S 27	23 44	8 43	2 8	25 9	1 47	12 5	4 5	0 18	0 35	14 30	0 51	10 44	2 9	12 33	0 20	20 35	0 38	16 10	16 55	18 23	18 0	0 29		n.a.
M28	23 45	13 49	1 5	24 57	1 45	12 19	4 5	0 4	0 37	14 33	0 51	10 46	2 9	12 32	0 20	20 36	0 38	16 10	16 55	18 24	17 59	0 32		n.a.
T 29	23 46	18 27	0s 1	24 44	1 42	12 33	4 4	0s10	0 38	14 37	0 51	10 48	2 9	12 32	0 20	20 36	0 38	16 10	16 55	18 24	17 59	0 36		n.a.
W30	23n46	22s23	1s 8	24n28	1n38	12n47	4s 4	0s24	0s39	14n40	0s51	10n50	2s 9	12s32	0n20	20s36	0s38	16s11	16s56	18n24	17n58	0s39		n.a.

Julian Day Number = 1494388.5, Delta T = 05h12m03s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'29, Lahiri = -12°32'29 Julian Calendar 1 June 622 BCE == Greg. Calendar 25 May 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

JULY 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 6 41	0♋34'08	16♐54	17♋21	16♉ 7	0♎ 2	11♉40	3♉36	3°R27	2°R 0	28♓12	21°R29	19♉52	9♎23	n.a.	T 1
F 2	18 10 37	1°31'32	29°58	19° 4	16°54	0°35	11°51	3°41	3♏26	1♒58	28°12	21♉25	19°48	9°30	n.a.	F 2
S 3	18 14 34	2°28'57	13♑19	20°45	17°43	1° 8	12° 2	3°46	3°25	1°57	28°12	21°19	19°45	9°37	n.a.	S 3
S 4	18 18 30	3°26'23	26°56	22°25	18°32	1°41	12°13	3°52	3°24	1°56	28°12	21°13	19°42	9°43	n.a.	S 4
M 5	18 22 27	4°23'51	10♒46	24° 3	19°22	2°14	12°24	3°57	3°24	1°54	28°12	21° 6	19°39	9°50	n.a.	M 5
T 6	18 26 23	5°21'20	24°46	25°40	20°12	2°48	12°35	4° 2	3°23	1°53	28°R12	21° 0	19°36	9°57	n.a.	T 6
W 7	18 30 20	6°18'50	8♓52	27°15	21° 3	3°22	12°45	4° 7	3°22	1°51	28°12	20°55	19°33	10° 3	n.a.	W 7
T 8	18 34 16	7°16'22	23° 2	28°48	21°55	3°56	12°56	4°12	3°22	1°50	28°12	20°53	19°29	10°10	n.a.	T 8
F 9	18 38 13	8°13'55	7♈13	0♌20	22°48	4°30	13° 7	4°17	3°21	1°48	28°12	20°D52	19°26	10°17	n.a.	F 9
S 10	18 42 10	9°11'30	21°23	1°50	23°41	5° 5	13°17	4°22	3°20	1°47	28°12	20°52	19°23	10°23	n.a.	S 10
S 11	18 46 6	10° 9'07	5♉30	3°19	24°34	5°40	13°28	4°26	3°20	1°46	28°12	20°53	19°20	10°30	n.a.	S 11
M12	18 50 3	11° 6'46	19°33	4°46	25°29	6°15	13°38	4°31	3°19	1°44	28°11	20°R54	19°17	10°37	n.a.	M12
T 13	18 53 59	12° 4'26	3♊31	6°11	26°23	6°50	13°48	4°36	3°19	1°42	28°11	20°53	19°13	10°43	n.a.	T 13
W14	18 57 56	13° 2'08	17°20	7°35	27°19	7°25	13°58	4°40	3°19	1°41	28°11	20°51	19°10	10°50	n.a.	W14
T 15	19 1 52	13°59'51	1♋ 0	8°57	28°14	8° 1	14° 8	4°45	3°18	1°39	28°11	20°45	19° 7	10°57	n.a.	T 15
F 16	19 5 49	14°57'37	14°28	10°17	29°11	8°37	14°18	4°49	3°18	1°38	28°11	20°38	19° 4	11° 3	n.a.	F 16
S 17	19 9 45	15°55'23	27°40	11°36	0♊ 8	9°13	14°28	4°53	3°18	1°36	28°11	20°29	19° 1	11°10	n.a.	S 17
S 18	19 13 42	16°53'11	10♌36	12°53	1° 5	9°49	14°37	4°57	3°18	1°35	28°10	20°19	18°58	11°17	n.a.	S 18
M19	19 17 39	17°51'01	23°15	14° 7	2° 2	10°25	14°47	5° 1	3°18	1°33	28°10	20° 9	18°54	11°23	n.a.	M19
T 20	19 21 35	18°48'52	5♍38	15°20	3° 1	11° 2	14°56	5° 5	3°D18	1°32	28°10	20° 1	18°51	11°30	n.a.	T 20
W21	19 25 32	19°46'44	17°46	16°31	3°59	11°39	15° 6	5° 9	3°18	1°30	28° 9	19°54	18°48	11°37	n.a.	W21
T 22	19 29 28	20°44'37	29°44	17°40	4°58	12°16	15°15	5°13	3°18	1°28	28° 9	19°49	18°45	11°44	n.a.	T 22
F 23	19 33 25	21°42'33	11♎36	18°46	5°57	12°53	15°24	5°17	3°18	1°27	28° 9	19°47	18°42	11°50	n.a.	F 23
S 24	19 37 21	22°40'29	23°25	19°50	6°57	13°30	15°33	5°20	3°18	1°25	28° 8	19°D46	18°39	11°57	n.a.	S 24
S 25	19 41 18	23°38'27	5♏19	20°52	7°57	14° 8	15°42	5°24	3°18	1°23	28° 8	19°47	18°35	12° 4	n.a.	S 25
M26	19 45 14	24°36'26	17°21	21°51	8°58	14°46	15°50	5°27	3°19	1°22	28° 8	19°R47	18°32	12°10	n.a.	M26
T 27	19 49 11	25°34'27	29°37	22°48	9°58	15°23	15°59	5°30	3°19	1°20	28° 7	19°47	18°29	12°17	n.a.	T 27
W28	19 53 8	26°32'30	12♐11	23°41	11° 0	16° 1	16° 7	5°34	3°19	1°19	28° 7	19°45	18°26	12°24	n.a.	W28
T 29	19 57 4	27°30'34	25° 7	24°32	12° 1	16°40	16°16	5°37	3°20	1°17	28° 6	19°40	18°23	12°30	n.a.	T 29
F 30	20 1 1	28°28'40	8♑26	25°19	13° 3	17°18	16°24	5°40	3°20	1°15	28° 6	19°33	18°19	12°37	n.a.	F 30
S 31	20 4 57	29♋26'48	22♑ 8	26♌ 3	14♊ 5	17♎56	16♉32	5♉43	3♏21	1♒14	28♓ 5	19♉24	18♉16	12♎44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n46	25s20	2s13	24n11	1n34	13n 1	4s 3	0s38	0s41	14n44	0s51	10n52	2s 9	12s31	0n20	20s37	0s38	16s11	16s56	18n23	17n57	0s42			n.a.
F 2	23 46	27 0	3 13	23 53	1 30	13 15	4 2	0 52	0 42	14 47	0 51	10 53	2 10	12 31	0 20	20 37	0 38	16 11	16 56	18 22	17 56	0 45			n.a.
S 3	23 45	27 8	4 4	23 33	1 25	13 30	4 1	1 7	0 43	14 51	0 51	10 55	2 10	12 31	0 20	20 37	0 38	16 11	16 57	18 21	17 55	0 49			n.a.
S 4	23 44	25 40	4 42	23 11	1 20	13 45	3 59	1 21	0 44	14 54	0 51	10 57	2 10	12 30	0 20	20 38	0 38	16 12	16 57	18 19	17 54	0 52			n.a.
M 5	23 42	22 38	5 4	22 49	1 14	14 0	3 58	1 36	0 45	14 58	0 51	10 58	2 10	12 30	0 20	20 38	0 38	16 12	16 57	18 17	17 53	0 55			n.a.
T 6	23 40	18 16	5 8	22 25	1 8	14 15	3 56	1 50	0 47	15 1	0 51	11 0	2 10	12 30	0 20	20 38	0 38	16 12	16 58	18 15	17 53	0 58			n.a.
W 7	23 37	12 53	4 54	22 1	1 2	14 30	3 55	2 5	0 48	15 4	0 51	11 1	2 10	12 30	0 20	20 39	0 38	16 13	16 58	18 14	17 52	1 2			n.a.
T 8	23 34	6 48	4 22	21 35	0 55	14 45	3 53	2 20	0 49	15 7	0 51	11 3	2 10	12 30	0 20	20 39	0 38	16 13	16 58	18 13	17 51	1 5			n.a.
F 9	23 31	0 21	3 33	21 9	0 48	15 1	3 51	2 35	0 50	15 11	0 51	11 5	2 11	12 29	0 20	20 39	0 38	16 13	16 59	18 13	17 50	1 8			n.a.
S 10	23 27	6n 6	2 32	20 41	0 41	15 16	3 48	2 50	0 51	15 14	0 51	11 6	2 11	12 29	0 20	20 40	0 38	16 14	16 59	18 13	17 49	1 12			n.a.
S 11	23 23	12 15	1 22	20 13	0 33	15 31	3 46	3 5	0 52	15 17	0 51	11 7	2 11	12 29	0 20	20 40	0 38	16 14	16 59	18 14	17 48	1 15			n.a.
M12	23 18	17 45	0 7	19 45	0 25	15 47	3 44	3 20	0 53	15 20	0 51	11 9	2 11	12 29	0 20	20 40	0 38	16 14	17 0	18 14	17 47	1 18			n.a.
T 13	23 13	22 15	1n 7	19 16	0 17	16 2	3 41	3 35	0 54	15 23	0 51	11 10	2 11	12 29	0 20	20 41	0 38	16 15	17 0	18 14	17 46	1 21			n.a.
W14	23 7	25 26	2 17	18 46	0 9	16 17	3 39	3 50	0 55	15 26	0 51	11 12	2 11	12 29	0 20	20 41	0 38	16 15	17 0	18 13	17 46	1 25			n.a.
T 15	23 1	27 4	3 18	18 16	0 0	16 32	3 36	4 5	0 56	15 29	0 51	11 13	2 12	12 29	0 20	20 41	0 38	16 15	17 1	18 11	17 45	1 28			n.a.
F 16	22 55	27 4	4 7	17 46	0s 9	16 47	3 33	4 20	0 57	15 32	0 51	11 14	2 12	12 29	0 20	20 42	0 38	16 16	17 1	18 9	17 44	1 31			n.a.
S 17	22 48	25 30	4 41	17 16	0 18	17 2	3 30	4 36	0 58	15 35	0 51	11 16	2 12	12 29	0 20	20 42	0 39	16 16	17 1	18 7	17 43	1 34			n.a.
S 18	22 41	22 38	5 0	16 45	0 27	17 17	3 27	4 51	0 59	15 38	0 51	11 17	2 12	12 28	0 20	20 43	0 39	16 17	17 2	18 4	17 42	1 38			n.a.
M19	22 34	18 44	5 4	16 15	0 36	17 32	3 24	5 6	1 0	15 41	0 52	11 18	2 12	12 28	0 20	20 43	0 39	16 17	17 2	18 2	17 41	1 41			n.a.
T 20	22 26	14 7	4 54	15 44	0 46	17 46	3 21	5 22	1 1	15 43	0 52	11 19	2 13	12 28	0 20	20 43	0 39	16 17	17 2	17 59	17 40	1 44			n.a.
W21	22 17	9 1	4 30	15 14	0 55	18 1	3 17	5 37	1 2	15 46	0 52	11 20	2 13	12 29	0 20	20 44	0 39	16 18	17 3	17 58	17 39	1 48			n.a.
T 22	22 9	3 41	3 54	14 43	1 5	18 15	3 14	5 53	1 3	15 49	0 52	11 21	2 13	12 29	0 20	20 44	0 39	16 18	17 3	17 56	17 38	1 51			n.a.
F 23	22 0	1s45	3 9	14 13	1 15	18 28	3 11	6 8	1 4	15 51	0 52	11 22	2 13	12 29	0 20	20 44	0 39	16 19	17 3	17 56	17 38	1 54			n.a.
S 24	21 50	7 7	2 16	13 44	1 25	18 42	3 7	6 24	1 5	15 54	0 52	11 23	2 13	12 29	0 20	20 45	0 39	16 19	17 4	17 55	17 37	1 57			n.a.
S 25	21 40	12 16	1 17	13 14	1 35	18 55	3 3	6 39	1 6	15 56	0 52	11 24	2 13	12 29	0 20	20 45	0 39	16 19	17 4	17 56	17 36	2 1			n.a.
M26	21 30	17 2	0 13	12 46	1 45	19 8	3 0	6 55	1 7	15 59	0 52	11 25	2 14	12 29	0 20	20 46	0 39	16 20	17 4	17 56	17 35	2 4			n.a.
T 27	21 19	21 12	0s52	12 18	1 55	19 21	2 56	7 11	1 7	16 1	0 52	11 26	2 14	12 29	0 20	20 46	0 39	16 20	17 4	17 56	17 34	2 7			n.a.
W28	21 8	24 29	1 56	11 51	2 5	19 34	2 52	7 26	1 8	16 4	0 52	11 27	2 14	12 29	0 20	20 46	0 39	16 21	17 5	17 55	17 33	2 11			n.a.
T 29	20 57	26 37	2 56	11 24	2 15	19 46	2 48	7 42	1 9	16 6	0 52	11 28	2 14	12 29	0 20	20 47	0 39	16 21	17 5	17 54	17 32	2 14			n.a.
F 30	20 45	27 18	3 48	10 59	2 25	19 58	2 45	7 57	1 10	16 9	0 52	11 29	2 14	12 30	0 20	20 47	0 39	16 22	17 5	17 52	17 31	2 17			n.a.
S 31	20n33	26s20	4s29	10n35	2s35	20n 9	2s41	8s13	1s11	16n11	0s52	11n30	2s15	12s30	0n19	20s48	0s39	16s22	17s 6	17n49	17n30	2s20			n.a.

Julian Day Number = 1494418.5, Delta T = 05h12m01s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'25, Lahiri = -12°32'25 Julian Calendar 1 July 622 BCE == Greg. Calendar 24 June 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

AUGUST 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 8 54	0♌24'57	6♒ 9	26♌43	15♊ 8	18♎35	16♉40	5♉46	3♏21	1°R12	28°R 5	19°R13	18♉13	12♎50	n.a.	S 1
M 2	20 12 50	1°23'08	20°27	27°19	16°10	19°14	16°47	5°48	3°22	1♒10	28♓ 4	19♉ 2	18°10	12°57	n.a.	M 2
T 3	20 16 47	2°21'22	4♓54	27°51	17°13	19°53	16°55	5°51	3°23	1° 9	28° 4	18°52	18° 7	13° 4	n.a.	T 3
W 4	20 20 43	3°19'37	19°24	28°19	18°17	20°32	17° 3	5°53	3°23	1° 7	28° 3	18°44	18° 4	13°10	n.a.	W 4
T 5	20 24 40	4°17'54	3♈51	28°42	19°20	21°11	17°10	5°56	3°24	1° 5	28° 3	18°39	18° 0	13°17	n.a.	T 5
F 6	20 28 37	5°16'14	18°11	28°59	20°24	21°51	17°17	5°58	3°25	1° 4	28° 2	18°36	17°57	13°24	n.a.	F 6
S 7	20 32 33	6°14'35	2♉21	29°12	21°29	22°30	17°24	6° 0	3°26	1° 2	28° 1	18°D35	17°54	13°30	n.a.	S 7
S 8	20 36 30	7°13'00	16°20	29°19	22°33	23°10	17°31	6° 2	3°27	1° 0	28° 1	18°R35	17°51	13°37	n.a.	S 8
M 9	20 40 26	8°11'26	0♊ 8	29°R19	23°38	23°50	17°38	6° 4	3°28	0°59	28° 0	18°35	17°48	13°44	n.a.	M 9
T 10	20 44 23	9° 9'55	13°46	29°14	24°43	24°30	17°44	6° 6	3°29	0°57	27°59	18°33	17°45	13°50	n.a.	T 10
W11	20 48 19	10° 8'26	27°12	29° 1	25°48	25°10	17°51	6° 8	3°30	0°56	27°59	18°28	17°41	13°57	n.a.	W11
T 12	20 52 16	11° 6'59	10♋29	28°43	26°54	25°50	17°57	6°10	3°31	0°54	27°58	18°21	17°38	14° 4	n.a.	T 12
F 13	20 56 12	12° 5'35	23°34	28°17	27°59	26°30	18° 3	6°11	3°32	0°52	27°57	18°11	17°35	14°10	n.a.	F 13
S 14	21 0 9	13° 4'13	6♌27	27°44	29° 5	27°11	18° 9	6°13	3°34	0°51	27°56	17°58	17°32	14°17	n.a.	S 14
S 15	21 4 6	14° 2'52	19° 7	27° 5	0♋11	27°52	18°15	6°14	3°35	0°49	27°56	17°45	17°29	14°24	n.a.	S 15
M16	21 8 2	15° 1'34	1♍35	26°19	1°18	28°32	18°21	6°15	3°36	0°48	27°55	17°31	17°25	14°30	n.a.	M16
T 17	21 11 59	16° 0'18	13°50	25°28	2°24	29°13	18°26	6°17	3°38	0°46	27°54	17°19	17°22	14°37	n.a.	T 17
W18	21 15 55	16°59'03	25°53	24°31	3°31	29°54	18°32	6°18	3°39	0°44	27°53	17° 9	17°19	14°44	n.a.	W18
T 19	21 19 52	17°57'51	7♎48	23°31	4°38	0♏36	18°37	6°19	3°40	0°43	27°52	17° 2	17°16	14°50	n.a.	T 19
F 20	21 23 48	18°56'40	19°37	22°27	5°45	1°17	18°42	6°19	3°42	0°41	27°52	16°57	17°13	14°57	n.a.	F 20
S 21	21 27 45	19°55'31	1♏24	21°21	6°53	1°58	18°47	6°20	3°44	0°40	27°51	16°55	17°10	15° 4	n.a.	S 21
S 22	21 31 41	20°54'25	13°15	20°16	8° 0	2°40	18°51	6°21	3°45	0°38	27°50	16°54	17° 6	15°10	n.a.	S 22
M23	21 35 38	21°53'20	25°15	19°12	9° 8	3°22	18°56	6°21	3°47	0°37	27°49	16°54	17° 3	15°17	n.a.	M23
T 24	21 39 34	22°52'17	7♐29	18°11	10°16	4° 3	19° 0	6°21	3°49	0°35	27°48	16°54	17° 0	15°24	n.a.	T 24
W25	21 43 31	23°51'16	20° 3	17°15	11°24	4°45	19° 4	6°22	3°50	0°34	27°47	16°51	16°57	15°30	n.a.	W25
T 26	21 47 28	24°50'17	3♑ 1	16°26	12°32	5°27	19° 8	6°22	3°52	0°32	27°46	16°47	16°54	15°37	n.a.	T 26
F 27	21 51 24	25°49'20	16°27	15°44	13°41	6° 9	19°12	6°R22	3°54	0°31	27°45	16°40	16°50	15°44	n.a.	F 27
S 28	21 55 21	26°48'24	0♒19	15°11	14°49	6°51	19°15	6°22	3°56	0°29	27°44	16°30	16°47	15°50	n.a.	S 28
S 29	21 59 17	27°47'31	14°38	14°47	15°58	7°34	19°19	6°22	3°58	0°28	27°43	16°19	16°44	15°57	n.a.	S 29
M30	22 3 14	28°46'40	29°16	14°34	17° 7	8°16	19°22	6°21	4° 0	0°27	27°42	16° 8	16°41	16° 4	n.a.	M30
T 31	22 7 10	29♌45'51	14♓ 7	14°D31	18♋16	8♏59	19♉25	6♉21	4♏ 2	0♒25	27♓41	15♉57	16♉38	16♎10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20n20	23s44	4s54	10n12	2s45	20n20	2s37	8s29	1s11	16n13	0s52	11n30	2s15	12s30	0n19	20s48	0s39	16s23	17s 6	17n46	17n30	2s24			n.a.
M 2	20 8	19 37	5 1	9 50	2 55	20 31	2 33	8 44	1 12	16 15	0 52	11 31	2 15	12 30	0 19	20 48	0 39	16 23	17 6	17 43	17 29	2 27			n.a.
T 3	19 54	14 20	4 50	9 31	3 4	20 41	2 29	9 0	1 13	16 17	0 52	11 32	2 15	12 31	0 19	20 49	0 39	16 24	17 6	17 41	17 28	2 30			n.a.
W 4	19 41	8 14	4 20	9 13	3 13	20 51	2 24	9 16	1 14	16 19	0 52	11 33	2 15	12 31	0 19	20 49	0 39	16 24	17 7	17 38	17 27	2 34			n.a.
T 5	19 27	1 42	3 33	8 57	3 22	21 0	2 20	9 31	1 14	16 22	0 52	11 33	2 16	12 31	0 19	20 49	0 39	16 25	17 7	17 37	17 26	2 37			n.a.
F 6	19 13	4n52	2 34	8 43	3 30	21 9	2 16	9 47	1 15	16 24	0 52	11 34	2 16	12 31	0 19	20 50	0 39	16 25	17 7	17 36	17 25	2 40			n.a.
S 7	18 58	11 8	1 25	8 31	3 37	21 18	2 12	10 3	1 16	16 25	0 52	11 34	2 16	12 32	0 19	20 50	0 39	16 26	17 8	17 36	17 24	2 43			n.a.
S 8	18 43	16 46	0 12	8 22	3 44	21 26	2 8	10 18	1 16	16 27	0 52	11 35	2 16	12 32	0 19	20 51	0 39	16 26	17 8	17 36	17 23	2 47			n.a.
M 9	18 28	21 27	1n 1	8 16	3 51	21 34	2 3	10 34	1 17	16 29	0 52	11 35	2 16	12 32	0 19	20 51	0 39	16 27	17 8	17 36	17 22	2 50			n.a.
T 10	18 13	24 54	2 9	8 13	3 56	21 41	1 59	10 49	1 18	16 31	0 53	11 36	2 17	12 33	0 19	20 51	0 39	16 27	17 8	17 35	17 21	2 53			n.a.
W11	17 57	26 53	3 9	8 13	4 1	21 47	1 55	11 5	1 18	16 33	0 53	11 36	2 17	12 33	0 19	20 52	0 39	16 28	17 9	17 34	17 21	2 57			n.a.
T 12	17 41	27 18	3 58	8 17	4 4	21 54	1 51	11 20	1 19	16 35	0 53	11 36	2 17	12 34	0 19	20 52	0 39	16 28	17 9	17 32	17 20	3 0			n.a.
F 13	17 24	26 10	4 33	8 24	4 6	21 59	1 46	11 36	1 20	16 36	0 53	11 37	2 17	12 34	0 19	20 52	0 39	16 29	17 9	17 29	17 19	3 3			n.a.
S 14	17 8	23 39	4 54	8 34	4 6	22 4	1 42	11 51	1 20	16 38	0 53	11 37	2 17	12 35	0 19	20 53	0 39	16 29	17 9	17 25	17 18	3 6			n.a.
S 15	16 51	20 2	5 0	8 49	4 5	22 9	1 38	12 7	1 21	16 39	0 53	11 37	2 18	12 35	0 19	20 53	0 39	16 30	17 10	17 22	17 17	3 10			n.a.
M16	16 33	15 35	4 51	9 7	4 2	22 13	1 33	12 22	1 21	16 41	0 53	11 38	2 18	12 36	0 19	20 53	0 39	16 30	17 10	17 18	17 16	3 13			n.a.
T 17	16 16	10 34	4 29	9 29	3 58	22 16	1 29	12 37	1 22	16 42	0 53	11 38	2 18	12 36	0 19	20 54	0 39	16 31	17 10	17 14	17 15	3 16			n.a.
W18	15 58	5 14	3 55	9 54	3 51	22 19	1 25	12 53	1 22	16 44	0 53	11 38	2 18	12 37	0 19	20 54	0 39	16 31	17 10	17 11	17 14	3 20			n.a.
T 19	15 40	0s13	3 11	10 22	3 43	22 21	1 20	13 8	1 23	16 45	0 53	11 38	2 18	12 37	0 19	20 55	0 39	16 32	17 11	17 9	17 13	3 23			n.a.
F 20	15 21	5 38	2 19	10 53	3 32	22 23	1 16	13 23	1 24	16 47	0 53	11 38	2 19	12 38	0 19	20 55	0 39	16 32	17 11	17 8	17 12	3 26			n.a.
S 21	15 2	10 52	1 21	11 26	3 19	22 24	1 12	13 38	1 24	16 48	0 53	11 38	2 19	12 38	0 19	20 55	0 39	16 33	17 11	17 7	17 12	3 29			n.a.
S 22	14 44	15 44	0 19	12 1	3 5	22 24	1 7	13 53	1 25	16 49	0 53	11 38	2 19	12 39	0 19	20 56	0 39	16 33	17 11	17 7	17 11	3 33			n.a.
M23	14 24	20 3	0s44	12 36	2 49	22 24	1 3	14 8	1 25	16 50	0 53	11 38	2 19	12 39	0 19	20 56	0 39	16 34	17 11	17 7	17 10	3 36			n.a.
T 24	14 5	23 37	1 47	13 12	2 31	22 24	0 59	14 23	1 25	16 51	0 53	11 38	2 19	12 40	0 19	20 56	0 39	16 35	17 12	17 7	17 9	3 39			n.a.
W25	13 45	26 9	2 46	13 46	2 13	22 22	0 54	14 38	1 26	16 53	0 53	11 38	2 20	12 41	0 19	20 57	0 39	16 35	17 12	17 6	17 8	3 43			n.a.
T 26	13 25	27 23	3 38	14 20	1 53	22 20	0 50	14 53	1 26	16 54	0 53	11 38	2 20	12 41	0 19	20 57	0 39	16 36	17 12	17 5	17 7	3 46			n.a.
F 27	13 5	27 3	4 21	14 51	1 34	22 18	0 46	15 7	1 27	16 55	0 54	11 38	2 20	12 42	0 19	20 57	0 39	16 36	17 12	17 3	17 6	3 49			n.a.
S 28	12 45	25 4	4 49	15 20	1 14	22 15	0 42	15 22	1 27	16 55	0 54	11 37	2 20	12 43	0 19	20 58	0 39	16 37	17 12	17 0	17 5	3 52			n.a.
S 29	12 24	21 27	5 1	15 46	0 54	22 11	0 38	15 36	1 28	16 56	0 54	11 37	2 20	12 43	0 19	20 58	0 39	16 37	17 12	16 57	17 4	3 56			n.a.
M30	12 4	16 27	4 53	16 8	0 35	22 6	0 33	15 51	1 28	16 57	0 54	11 37	2 21	12 44	0 19	20 58	0 39	16 38	17 13	16 54	17 3	3 59			n.a.
T 31	11n43	10s24	4s26	16n27	0s16	22n 1	0s29	16s 5	1s28	16n58	0s54	11n37	2s21	12s45	0n19	20s58	0s39	16s38	17s13	16n51	17n 2	4s 2			n.a.

Julian Day Number = 1494449.5, Delta T = 05h12m00s
Ecliptic obliquity = 23°46'18, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'21, Lahiri = -12°32'21 Julian Calendar 1 Aug. 622 BCE == Greg. Calendar 25 July 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

SEPTEMBER 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 11 7	0♍45'04	29♓ 3	14♌38	19♋26	9♏41	19♉28	6°R20	4♏ 4	0°R24	27°R40	15°R49	16♉35	16♎17	n.a.	W 1
T 2	22 15 3	1°44'19	13♈53	14°56	20°35	10°24	19°31	6♉20	4° 6	0♒22	27♓39	15♉43	16°31	16°24	n.a.	T 2
F 3	22 19 0	2°43'37	28°32	15°24	21°45	11° 7	19°33	6°19	4° 8	0°21	27°38	15°40	16°28	16°30	n.a.	F 3
S 4	22 22 57	3°42'57	12♉54	16° 1	22°55	11°50	19°35	6°18	4°11	0°20	27°37	15°D39	16°25	16°37	n.a.	S 4
S 5	22 26 53	4°42'20	26°58	16°47	24° 4	12°33	19°37	6°17	4°13	0°18	27°36	15°39	16°22	16°44	n.a.	S 5
M 6	22 30 50	5°41'46	10♊43	17°42	25°15	13°16	19°39	6°16	4°15	0°17	27°35	15°R39	16°19	16°50	n.a.	M 6
T 7	22 34 46	6°41'13	24°11	18°43	26°25	13°59	19°41	6°15	4°18	0°16	27°34	15°38	16°16	16°57	n.a.	T 7
W 8	22 38 43	7°40'44	7♋23	19°52	27°35	14°42	19°42	6°13	4°20	0°15	27°33	15°34	16°12	17° 4	n.a.	W 8
T 9	22 42 39	8°40'17	20°21	21° 6	28°46	15°25	19°44	6°12	4°22	0°13	27°32	15°28	16° 9	17°10	n.a.	T 9
F 10	22 46 36	9°39'52	3♌ 7	22°25	29°56	16° 9	19°45	6°10	4°25	0°12	27°31	15°19	16° 6	17°17	n.a.	F 10
S 11	22 50 32	10°39'29	15°41	23°48	1♌ 7	16°52	19°46	6° 9	4°27	0°11	27°30	15° 8	16° 3	17°24	n.a.	S 11
S 12	22 54 29	11°39'08	28° 5	25°16	2°18	17°36	19°46	6° 7	4°30	0°10	27°29	14°56	16° 0	17°30	n.a.	S 12
M13	22 58 25	12°38'50	10♍19	26°46	3°29	18°20	19°47	6° 5	4°33	0° 9	27°28	14°44	15°56	17°37	n.a.	M13
T 14	23 2 22	13°38'34	22°24	28°19	4°40	19° 4	19°47	6° 3	4°35	0° 8	27°27	14°33	15°53	17°44	n.a.	T 14
W15	23 6 19	14°38'20	4♎20	29°55	5°51	19°47	19°R47	6° 1	4°38	0° 7	27°26	14°24	15°50	17°50	n.a.	W15
T 16	23 10 15	15°38'08	16°11	1♍32	7° 3	20°31	19°47	5°59	4°41	0° 6	27°25	14°17	15°47	17°57	n.a.	T 16
F 17	23 14 12	16°37'58	27°58	3°10	8°14	21°16	19°47	5°57	4°43	0° 5	27°23	14°13	15°44	18° 4	n.a.	F 17
S 18	23 18 8	17°37'49	9♏44	4°49	9°26	22° 0	19°46	5°54	4°46	0° 4	27°22	14°D12	15°41	18°10	n.a.	S 18
S 19	23 22 5	18°37'43	21°34	6°30	10°37	22°44	19°46	5°52	4°49	0° 3	27°21	14°12	15°37	18°17	n.a.	S 19
M20	23 26 1	19°37'39	3♐32	8°10	11°49	23°28	19°45	5°49	4°52	0° 2	27°20	14°13	15°34	18°24	n.a.	M20
T 21	23 29 58	20°37'36	15°44	9°51	13° 1	24°12	19°43	5°47	4°55	0° 1	27°19	14°R14	15°31	18°30	n.a.	T 21
W22	23 33 54	21°37'35	28°14	11°33	14°13	24°57	19°42	5°44	4°57	29♑59	27°18	14°14	15°28	18°37	n.a.	W22
T 23	23 37 51	22°37'36	11♑ 7	13°14	15°25	25°41	19°41	5°41	5° 0	29°59	27°17	14°12	15°25	18°44	n.a.	T 23
F 24	23 41 48	23°37'39	24°28	14°55	16°38	26°26	19°39	5°38	5° 3	29°58	27°16	14° 8	15°22	18°50	n.a.	F 24
S 25	23 45 44	24°37'43	8♒18	16°37	17°50	27°11	19°37	5°35	5° 6	29°57	27°14	14° 2	15°18	18°57	n.a.	S 25
S 26	23 49 41	25°37'50	22°38	18°18	19° 2	27°55	19°35	5°32	5° 9	29°57	27°13	13°55	15°15	19° 4	n.a.	S 26
M27	23 53 37	26°37'57	7♓22	19°58	20°15	28°40	19°33	5°29	5°12	29°56	27°12	13°47	15°12	19°10	n.a.	M27
T 28	23 57 34	27°38'07	22°25	21°39	21°27	29°25	19°30	5°25	5°16	29°55	27°11	13°40	15° 9	19°17	n.a.	T 28
W29	0 1 30	28°38'19	7♈37	23°19	22°40	0♐10	19°27	5°22	5°19	29°55	27°10	13°34	15° 6	19°24	n.a.	W29
T 30	0 5 27	29♍38'32	22♈48	24♍58	23♌53	0♐54	19♉24	5♉19	5♏22	29♑54	27♓ 9	13♉31	15♉ 2	19♎30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n22	3s45	3s40	16n41	0n 1	21n56	0s25	16s19	1s29	16n59	0s54	11n36	2s21	12s45	0n19	20s59	0s39	16s39	17s13	16n48	17n 1	4s 6		n.a.
T 2	11 0	3n 6	2 40	16 52	0 18	21 49	0 21	16 33	1 29	16 59	0 54	11 36	2 21	12 46	0 19	20 59	0 39	16 39	17 13	16 46	17 1	4 9		n.a.
F 3	10 39	9 42	1 30	16 58	0 33	21 42	0 17	16 47	1 29	17 0	0 54	11 35	2 21	12 47	0 19	20 59	0 39	16 40	17 13	16 45	17 0	4 12		n.a.
S 4	10 17	15 42	0 15	17 0	0 47	21 35	0 13	17 1	1 30	17 0	0 54	11 35	2 22	12 48	0 19	21 0	0 39	16 40	17 13	16 45	16 59	4 15		n.a.
S 5	9 55	20 43	1n 0	16 58	1 0	21 27	0 9	17 15	1 30	17 1	0 54	11 34	2 22	12 49	0 19	21 0	0 39	16 41	17 14	16 45	16 58	4 19		n.a.
M 6	9 33	24 30	2 9	16 52	1 11	21 18	0 5	17 28	1 30	17 1	0 54	11 34	2 22	12 49	0 19	21 0	0 39	16 42	17 14	16 45	16 57	4 22		n.a.
T 7	9 11	26 48	3 10	16 42	1 21	21 8	0 2	17 42	1 31	17 2	0 54	11 33	2 22	12 50	0 19	21 0	0 39	16 42	17 14	16 45	16 56	4 25		n.a.
W 8	8 48	27 32	3 59	16 29	1 30	20 58	0n 2	17 55	1 31	17 2	0 54	11 33	2 22	12 51	0 19	21 1	0 39	16 43	17 14	16 44	16 55	4 29		n.a.
T 9	8 26	26 44	4 35	16 12	1 37	20 48	0 6	18 8	1 31	17 3	0 54	11 32	2 23	12 52	0 19	21 1	0 39	16 43	17 14	16 42	16 54	4 32		n.a.
F 10	8 3	24 31	4 56	15 52	1 44	20 36	0 10	18 21	1 32	17 3	0 54	11 31	2 23	12 53	0 18	21 1	0 39	16 44	17 14	16 39	16 53	4 35		n.a.
S 11	7 40	21 10	5 3	15 29	1 49	20 24	0 13	18 34	1 32	17 3	0 54	11 31	2 23	12 54	0 18	21 2	0 39	16 44	17 14	16 36	16 52	4 38		n.a.
S 12	7 17	16 54	4 55	15 3	1 53	20 12	0 17	18 47	1 32	17 3	0 54	11 30	2 23	12 55	0 18	21 2	0 39	16 45	17 14	16 32	16 51	4 42		n.a.
M13	6 54	12 1	4 34	14 34	1 56	19 59	0 20	19 0	1 32	17 3	0 54	11 29	2 23	12 55	0 18	21 2	0 39	16 45	17 14	16 29	16 50	4 45		n.a.
T 14	6 31	6 44	4 0	14 3	1 58	19 45	0 24	19 13	1 32	17 3	0 55	11 28	2 23	12 56	0 18	21 2	0 39	16 46	17 14	16 26	16 49	4 48		n.a.
W15	6 8	1 15	3 16	13 30	1 59	19 31	0 27	19 25	1 33	17 3	0 55	11 27	2 24	12 57	0 18	21 2	0 39	16 46	17 14	16 23	16 48	4 52		n.a.
T 16	5 44	4s14	2 24	12 56	1 59	19 16	0 31	19 37	1 33	17 3	0 55	11 27	2 24	12 58	0 18	21 3	0 39	16 47	17 15	16 21	16 48	4 55		n.a.
F 17	5 21	9 34	1 26	12 19	1 59	19 0	0 34	19 49	1 33	17 3	0 55	11 26	2 24	12 59	0 18	21 3	0 39	16 47	17 15	16 20	16 47	4 58		n.a.
S 18	4 57	14 33	0 24	11 42	1 58	18 44	0 37	20 1	1 33	17 3	0 55	11 25	2 24	13 0	0 18	21 3	0 39	16 48	17 15	16 19	16 46	5 1		n.a.
S 19	4 34	19 3	0s40	11 2	1 56	18 28	0 40	20 13	1 33	17 3	0 55	11 24	2 24	13 1	0 18	21 3	0 39	16 48	17 15	16 19	16 45	5 5		n.a.
M20	4 10	22 49	1 42	10 22	1 54	18 11	0 44	20 24	1 34	17 2	0 55	11 23	2 24	13 2	0 18	21 4	0 39	16 49	17 15	16 20	16 44	5 8		n.a.
T 21	3 46	25 40	2 41	9 41	1 51	17 53	0 47	20 36	1 34	17 2	0 55	11 22	2 25	13 3	0 18	21 4	0 39	16 49	17 15	16 20	16 43	5 11		n.a.
W22	3 22	27 20	3 34	8 59	1 48	17 35	0 50	20 47	1 34	17 2	0 55	11 21	2 25	13 4	0 18	21 4	0 39	16 50	17 15	16 20	16 42	5 15		n.a.
T 23	2 58	27 35	4 18	8 16	1 44	17 16	0 52	20 58	1 34	17 1	0 55	11 20	2 25	13 5	0 18	21 4	0 39	16 50	17 15	16 19	16 41	5 18		n.a.
F 24	2 34	26 17	4 50	7 33	1 40	16 57	0 55	21 9	1 34	17 1	0 55	11 18	2 25	13 6	0 18	21 4	0 39	16 51	17 15	16 18	16 40	5 21		n.a.
S 25	2 10	23 22	5 6	6 49	1 35	16 37	0 58	21 19	1 34	17 0	0 55	11 17	2 25	13 7	0 18	21 4	0 39	16 51	17 15	16 16	16 39	5 24		n.a.
S 26	1 46	18 57	5 4	6 5	1 31	16 17	1 1	21 30	1 34	16 59	0 55	11 16	2 25	13 8	0 18	21 5	0 39	16 52	17 15	16 14	16 38	5 28		n.a.
M27	1 21	13 17	4 42	5 20	1 26	15 56	1 3	21 40	1 34	16 59	0 55	11 15	2 25	13 9	0 18	21 5	0 39	16 52	17 15	16 12	16 37	5 31		n.a.
T 28	0 57	6 43	4 1	4 35	1 20	15 35	1 6	21 50	1 34	16 58	0 55	11 14	2 25	13 10	0 18	21 5	0 39	16 52	17 15	16 10	16 36	5 34		n.a.
W29	0 33	0n17	3 2	3 50	1 15	15 13	1 8	22 0	1 34	16 57	0 55	11 12	2 26	13 11	0 18	21 5	0 39	16 53	17 15	16 8	16 35	5 38		n.a.
T 30	0n 9	7n17	1s50	3n 5	1n 9	14n51	1n11	22s10	1s34	16n56	0s55	11n11	2s26	13s12	0n18	21s 5	0s39	16s53	17s15	16n 7	16n34	5s41		n.a.

Julian Day Number = 1494480.5, Delta T = 05h11m58s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'17, Lahiri = -12°32'16 Julian Calendar 1 Sept. 622 BCE == Greg. Calendar 25 Aug. 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

OCTOBER 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 9 23	0♎38'48	7♉47	26♍38	25♌ 6	1♐39	19°R21	5°R15	5♏25	29°R53	27°R 8	13°D29	14♉59	19♎37	n.a.	F 1
S 2	0 13 20	1°39'05	22°29	28°17	26°19	2°24	19♉18	5♉11	5°28	29♑53	27♓ 6	13♉29	14°56	19°44	n.a.	S 2
S 3	0 17 16	2°39'25	6♊48	29°55	27°32	3°10	19°15	5° 8	5°31	29°52	27° 5	13°30	14°53	19°50	n.a.	S 3
M 4	0 21 13	3°39'47	20°42	1♎33	28°45	3°55	19°11	5° 4	5°35	29°52	27° 4	13°32	14°50	19°57	n.a.	M 4
T 5	0 25 10	4°40'12	4♋13	3°11	29°58	4°40	19° 7	5° 0	5°38	29°51	27° 3	13°R32	14°47	20° 3	n.a.	T 5
W 6	0 29 6	5°40'38	17°21	4°48	1♍11	5°25	19° 3	4°56	5°41	29°51	27° 2	13°32	14°43	20°10	n.a.	W 6
T 7	0 33 3	6°41'06	0♌11	6°25	2°25	6°10	18°59	4°52	5°45	29°50	27° 1	13°29	14°40	20°17	n.a.	T 7
F 8	0 36 59	7°41'37	12°45	8° 2	3°38	6°56	18°54	4°48	5°48	29°50	27° 0	13°25	14°37	20°23	n.a.	F 8
S 9	0 40 56	8°42'09	25° 6	9°38	4°52	7°41	18°50	4°44	5°51	29°50	26°59	13°20	14°34	20°30	n.a.	S 9
S 10	0 44 52	9°42'43	7♍16	11°14	6° 5	8°27	18°45	4°40	5°55	29°49	26°57	13°13	14°31	20°37	n.a.	S 10
M11	0 48 49	10°43'19	19°18	12°49	7°19	9°12	18°40	4°35	5°58	29°49	26°56	13° 7	14°27	20°43	n.a.	M11
T 12	0 52 45	11°43'56	1♎13	14°25	8°33	9°58	18°35	4°31	6° 2	29°49	26°55	13° 1	14°24	20°50	n.a.	T 12
W13	0 56 42	12°44'36	13° 4	16° 0	9°46	10°43	18°30	4°27	6° 5	29°48	26°54	12°57	14°21	20°57	n.a.	W13
T 14	1 0 39	13°45'17	24°52	17°34	11° 0	11°29	18°24	4°22	6° 8	29°48	26°53	12°54	14°18	21° 3	n.a.	T 14
F 15	1 4 35	14°45'59	6♏40	19° 9	12°14	12°15	18°19	4°18	6°12	29°48	26°52	12°52	14°15	21°10	n.a.	F 15
S 16	1 8 32	15°46'43	18°28	20°43	13°28	13° 0	18°13	4°13	6°15	29°48	26°51	12°D52	14°12	21°17	n.a.	S 16
S 17	1 12 28	16°47'28	0♐22	22°17	14°42	13°46	18° 7	4° 8	6°19	29°48	26°50	12°53	14° 8	21°23	n.a.	S 17
M18	1 16 25	17°48'15	12°23	23°51	15°56	14°32	18° 1	4° 4	6°22	29°48	26°49	12°55	14° 5	21°30	n.a.	M18
T 19	1 20 21	18°49'03	24°35	25°24	17°10	15°18	17°55	3°59	6°26	29°D48	26°48	12°57	14° 2	21°37	n.a.	T 19
W20	1 24 18	19°49'52	7♑ 4	26°58	18°24	16° 4	17°48	3°54	6°30	29°48	26°47	12°58	13°59	21°43	n.a.	W20
T 21	1 28 14	20°50'42	19°53	28°31	19°39	16°50	17°42	3°50	6°33	29°48	26°46	12°R59	13°56	21°50	n.a.	T 21
F 22	1 32 11	21°51'34	3♒ 5	0♏ 4	20°53	17°36	17°35	3°45	6°37	29°48	26°45	12°58	13°53	21°57	n.a.	F 22
S 23	1 36 8	22°52'26	16°45	1°37	22° 7	18°22	17°28	3°40	6°40	29°48	26°44	12°57	13°49	22° 3	n.a.	S 23
S 24	1 40 4	23°53'20	0♓52	3° 9	23°22	19° 8	17°21	3°35	6°44	29°48	26°43	12°55	13°46	22°10	n.a.	S 24
M25	1 44 1	24°54'14	15°26	4°42	24°36	19°54	17°15	3°30	6°48	29°48	26°42	12°52	13°43	22°17	n.a.	M25
T 26	1 47 57	25°55'09	0♈22	6°14	25°50	20°40	17° 7	3°25	6°51	29°49	26°41	12°50	13°40	22°23	n.a.	T 26
W27	1 51 54	26°56'05	15°32	7°46	27° 5	21°26	17° 0	3°20	6°55	29°49	26°40	12°48	13°37	22°30	n.a.	W27
T 28	1 55 50	27°57'03	0♉48	9°18	28°19	22°12	16°53	3°15	6°59	29°49	26°39	12°47	13°33	22°37	n.a.	T 28
F 29	1 59 47	28°58'02	15°59	10°50	29°34	22°58	16°45	3°10	7° 2	29°49	26°38	12°D47	13°30	22°43	n.a.	F 29
S 30	2 3 43	29°59'02	0♊55	12°22	0♎48	23°44	16°38	3° 5	7° 6	29°50	26°37	12°47	13°27	22°50	n.a.	S 30
S 31	2 7 40	1♏ 0'03	15♊31	13♏54	2♎ 3	24♐30	16♉30	3♉ 0	7♏10	29♑50	26♓36	12♉48	13♉24	22♎57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s16	13n49	0s31	2n20	1n 4	14n29	1n13	22s19	1s34	16n56	0s55	11n10	2s26	13s14	0n18	21s 5	0s39	16s54	17s15	16n 6	16n33	5s44		n.a.
S 2	0 40	19 26	0n49	1 34	0 58	14 6	1 15	22 28	1 34	16 55	0 55	11 9	2 26	13 15	0 18	21 5	0 39	16 54	17 15	16 6	16 32	5 47		n.a.
S 3	1 4	23 46	2 3	0 49	0 51	13 42	1 17	22 37	1 34	16 54	0 55	11 7	2 26	13 16	0 18	21 5	0 39	16 55	17 15	16 7	16 32	5 51		n.a.
M 4	1 29	26 34	3 8	0 4	0 45	13 19	1 19	22 46	1 34	16 53	0 55	11 6	2 26	13 17	0 18	21 6	0 39	16 55	17 15	16 7	16 31	5 54		n.a.
T 5	1 53	27 43	4 1	0s41	0 39	12 54	1 21	22 55	1 34	16 52	0 55	11 4	2 26	13 18	0 18	21 6	0 39	16 55	17 15	16 7	16 30	5 57		n.a.
W 6	2 17	27 15	4 40	1 26	0 33	12 30	1 23	23 3	1 34	16 50	0 55	11 3	2 26	13 19	0 18	21 6	0 39	16 56	17 14	16 7	16 29	6 0		n.a.
T 7	2 41	25 19	5 3	2 11	0 26	12 5	1 25	23 11	1 34	16 49	0 55	11 2	2 26	13 20	0 18	21 6	0 39	16 56	17 14	16 6	16 28	6 4		n.a.
F 8	3 6	22 11	5 11	2 56	0 20	11 39	1 27	23 19	1 34	16 48	0 55	11 0	2 26	13 21	0 18	21 6	0 39	16 57	17 14	16 5	16 27	6 7		n.a.
S 9	3 30	18 6	5 5	3 40	0 13	11 14	1 28	23 27	1 34	16 47	0 55	10 59	2 27	13 23	0 18	21 6	0 39	16 57	17 14	16 3	16 26	6 10		n.a.
S 10	3 54	13 21	4 45	4 24	0 7	10 48	1 30	23 34	1 34	16 45	0 55	10 57	2 27	13 24	0 18	21 6	0 39	16 57	17 14	16 1	16 25	6 14		n.a.
M11	4 18	8 9	4 12	5 8	0 0	10 21	1 32	23 41	1 34	16 44	0 55	10 56	2 27	13 25	0 18	21 6	0 39	16 58	17 14	16 0	16 24	6 17		n.a.
T 12	4 42	2 41	3 28	5 51	0s 7	9 55	1 33	23 48	1 34	16 43	0 55	10 54	2 27	13 26	0 18	21 6	0 39	16 58	17 14	15 58	16 23	6 20		n.a.
W13	5 6	2s50	2 36	6 35	0 13	9 28	1 34	23 55	1 34	16 41	0 55	10 53	2 27	13 27	0 18	21 6	0 39	16 58	17 14	15 56	16 22	6 23		n.a.
T 14	5 30	8 15	1 37	7 17	0 20	9 0	1 35	24 1	1 34	16 40	0 55	10 51	2 27	13 28	0 18	21 6	0 39	16 59	17 14	15 55	16 21	6 27		n.a.
F 15	5 54	13 23	0 34	8 0	0 26	8 33	1 37	24 7	1 34	16 38	0 55	10 50	2 27	13 30	0 18	21 6	0 39	16 59	17 14	15 55	16 20	6 30		n.a.
S 16	6 18	18 3	0s31	8 42	0 32	8 5	1 38	24 13	1 34	16 37	0 55	10 48	2 27	13 31	0 18	21 6	0 39	16 59	17 13	15 55	16 19	6 33		n.a.
S 17	6 41	22 3	1 35	9 23	0 39	7 37	1 39	24 19	1 33	16 35	0 55	10 46	2 27	13 32	0 18	21 6	0 39	17 0	17 13	15 55	16 18	6 36		n.a.
M18	7 5	25 10	2 36	10 4	0 45	7 9	1 40	24 24	1 33	16 33	0 55	10 45	2 27	13 33	0 18	21 6	0 39	17 0	17 13	15 56	16 17	6 40		n.a.
T 19	7 28	27 10	3 30	10 45	0 51	6 40	1 40	24 29	1 33	16 32	0 55	10 43	2 27	13 34	0 18	21 6	0 39	17 0	17 13	15 56	16 16	6 43		n.a.
W20	7 52	27 51	4 16	11 25	0 57	6 12	1 41	24 34	1 33	16 30	0 55	10 42	2 27	13 35	0 18	21 6	0 39	17 0	17 13	15 57	16 15	6 46		n.a.
T 21	8 15	27 4	4 51	12 5	1 3	5 43	1 42	24 39	1 33	16 28	0 55	10 40	2 27	13 37	0 18	21 6	0 39	17 1	17 13	15 57	16 14	6 50		n.a.
F 22	8 38	24 47	5 11	12 44	1 9	5 14	1 42	24 43	1 33	16 26	0 55	10 38	2 27	13 38	0 18	21 6	0 39	17 1	17 13	15 57	16 13	6 53		n.a.
S 23	9 1	21 2	5 15	13 22	1 15	4 44	1 43	24 47	1 32	16 24	0 55	10 37	2 27	13 39	0 18	21 6	0 39	17 1	17 12	15 56	16 12	6 56		n.a.
S 24	9 24	15 59	5 1	14 0	1 21	4 15	1 43	24 51	1 32	16 22	0 55	10 35	2 27	13 40	0 18	21 6	0 39	17 1	17 12	15 56	16 11	6 59		n.a.
M25	9 46	9 54	4 27	14 37	1 26	3 45	1 44	24 55	1 32	16 20	0 55	10 33	2 27	13 42	0 18	21 6	0 39	17 2	17 12	15 55	16 11	7 3		n.a.
T 26	10 9	3 7	3 34	15 13	1 31	3 16	1 44	24 58	1 32	16 19	0 55	10 32	2 27	13 43	0 18	21 6	0 39	17 2	17 12	15 54	16 10	7 6		n.a.
W27	10 31	3n58	2 25	15 49	1 36	2 46	1 44	25 1	1 31	16 17	0 55	10 30	2 27	13 44	0 18	21 6	0 39	17 2	17 12	15 54	16 9	7 9		n.a.
T 28	10 53	10 53	1 6	16 23	1 41	2 16	1 44	25 3	1 31	16 14	0 55	10 28	2 27	13 45	0 18	21 6	0 39	17 2	17 11	15 53	16 8	7 12		n.a.
F 29	11 15	17 8	0n18	16 57	1 46	1 46	1 44	25 6	1 31	16 12	0 54	10 27	2 27	13 46	0 18	21 6	0 39	17 3	17 11	15 53	16 7	7 16		n.a.
S 30	11 37	22 14	1 39	17 31	1 50	1 16	1 44	25 8	1 31	16 10	0 54	10 25	2 27	13 48	0 18	21 6	0 39	17 3	17 11	15 53	16 6	7 19		n.a.
S 31	11s59	25n49	2n52	18s 3	1s55	0n45	1n44	25s10	1s30	16n 8	0s54	10n23	2s27	13s49	0n18	21s 6	0s39	17s 3	17s11	15n54	16n 5	7s22		n.a.

Julian Day Number = 1494510.5, Delta T = 05h11m57s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'13, Lahiri = -12°32'12 Julian Calendar 1 Oct. 622 BCE == Greg. Calendar 24 Sept. 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

NOVEMBER 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 11 37	2♏ 1'05	29♊40	15♏25	3♎18	25♐16	16°R23	2°R56	7♏13	29♑51	26°R35	12♉49	13♉21	23♎ 3	n.a.	M 1
T 2	2 15 33	3° 2'09	13♋22	16°56	4°32	26° 3	16♉15	2♉51	7°17	29°51	26♓34	12°50	13°18	23°10	n.a.	T 2
W 3	2 19 30	4° 3'14	26°38	18°27	5°47	26°49	16° 7	2°46	7°21	29°52	26°33	12°50	13°14	23°17	n.a.	W 3
T 4	2 23 26	5° 4'20	9♌30	19°57	7° 2	27°35	15°59	2°41	7°24	29°52	26°32	12°R50	13°11	23°23	n.a.	T 4
F 5	2 27 23	6° 5'28	22° 1	21°27	8°17	28°21	15°51	2°36	7°28	29°53	26°31	12°50	13° 8	23°30	n.a.	F 5
S 6	2 31 19	7° 6'36	4♍16	22°57	9°32	29° 8	15°43	2°31	7°32	29°53	26°31	12°49	13° 5	23°36	n.a.	S 6
S 7	2 35 16	8° 7'46	16°19	24°26	10°47	29°54	15°35	2°26	7°35	29°54	26°30	12°49	13° 2	23°43	n.a.	S 7
M 8	2 39 13	9° 8'56	28°13	25°54	12° 1	0♑40	15°27	2°21	7°39	29°55	26°29	12°48	12°59	23°50	n.a.	M 8
T 9	2 43 9	10°10'07	10♎ 3	27°22	13°16	1°27	15°19	2°16	7°43	29°55	26°28	12°48	12°55	23°56	n.a.	T 9
W10	2 47 6	11°11'20	21°50	28°48	14°31	2°13	15°11	2°11	7°46	29°56	26°27	12°48	12°52	24° 3	n.a.	W10
T 11	2 51 2	12°12'32	3♏38	0♐14	15°46	2°59	15° 3	2° 6	7°50	29°57	26°27	12°47	12°49	24°10	n.a.	T 11
F 12	2 54 59	13°13'46	15°29	1°38	17° 1	3°46	14°55	2° 1	7°54	29°58	26°26	12°47	12°46	24°16	n.a.	F 12
S 13	2 58 55	14°15'00	27°25	3° 0	18°16	4°32	14°47	1°56	7°57	29°58	26°25	12°47	12°43	24°23	n.a.	S 13
S 14	3 2 52	15°16'15	9♐28	4°21	19°31	5°18	14°38	1°52	8° 1	29°59	26°24	12°47	12°39	24°30	n.a.	S 14
M15	3 6 48	16°17'30	21°39	5°39	20°46	6° 5	14°30	1°47	8° 5	0♒ 0	26°24	12°47	12°36	24°36	n.a.	M15
T 16	3 10 45	17°18'46	4♑ 2	6°55	22° 1	6°51	14°22	1°42	8° 8	0° 1	26°23	12°46	12°33	24°43	n.a.	T 16
W17	3 14 42	18°20'02	16°37	8° 8	23°16	7°38	14°14	1°37	8°12	0° 2	26°22	12°46	12°30	24°50	n.a.	W17
T 18	3 18 38	19°21'18	29°29	9°17	24°31	8°24	14° 6	1°33	8°16	0° 3	26°22	12°45	12°27	24°56	n.a.	T 18
F 19	3 22 35	20°22'34	12♒39	10°22	25°46	9°11	13°58	1°28	8°19	0° 4	26°21	12°45	12°24	25° 3	n.a.	F 19
S 20	3 26 31	21°23'50	26°10	11°22	27° 2	9°57	13°50	1°24	8°23	0° 5	26°21	12°D45	12°20	25°10	n.a.	S 20
S 21	3 30 28	22°25'05	10♓ 2	12°17	28°17	10°43	13°42	1°19	8°27	0° 6	26°20	12°45	12°17	25°16	n.a.	S 21
M22	3 34 24	23°26'21	24°17	13° 5	29°32	11°30	13°34	1°15	8°30	0° 7	26°19	12°46	12°14	25°23	n.a.	M22
T 23	3 38 21	24°27'37	8♈52	13°47	0♏47	12°16	13°26	1°10	8°34	0° 9	26°19	12°47	12°11	25°30	n.a.	T 23
W24	3 42 17	25°28'52	23°43	14°20	2° 2	13° 3	13°18	1° 6	8°37	0°10	26°18	12°48	12° 8	25°36	n.a.	W24
T 25	3 46 14	26°30'08	8♉44	14°44	3°17	13°49	13°10	1° 2	8°41	0°11	26°18	12°R48	12° 5	25°43	n.a.	T 25
F 26	3 50 11	27°31'23	23°47	14°59	4°32	14°35	13° 2	0°58	8°45	0°12	26°17	12°48	12° 1	25°50	n.a.	F 26
S 27	3 54 7	28°32'39	8♊43	15°R 3	5°47	15°22	12°55	0°54	8°48	0°14	26°17	12°47	11°58	25°56	n.a.	S 27
S 28	3 58 4	29°33'55	23°24	14°55	7° 2	16° 8	12°47	0°49	8°52	0°15	26°17	12°45	11°55	26° 3	n.a.	S 28
M29	4 2 0	0♐35'10	7♋43	14°36	8°18	16°54	12°40	0°46	8°55	0°16	26°16	12°43	11°52	26°10	n.a.	M29
T 30	4 5 57	1♐36'26	21♋35	14♐ 5	9♏33	17♑41	12♉32	0♉42	8♏59	0♒18	26♓16	12♉40	11♉49	26♎16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s20	27n38	3n52	18s34	1s59	0n15	1n43	25s11	1s30	16n 6	0s54	10n22	2s27	13s50	0n18	21s 6	0s39	17s 3	17s11	15n54	16n 4	7s25		n.a.
T 2	12 42	27 41	4 37	19 5	2 2	0s15	1 43	25 13	1 30	16 4	0 54	10 20	2 27	13 51	0 18	21 5	0 39	17 3	17 10	15 54	16 3	7 29		n.a.
W 3	13 3	26 6	5 5	19 34	2 5	0 46	1 43	25 14	1 30	16 2	0 54	10 18	2 27	13 53	0 18	21 5	0 38	17 3	17 10	15 54	16 2	7 32		n.a.
T 4	13 24	23 12	5 17	20 2	2 9	1 16	1 42	25 14	1 29	16 0	0 54	10 17	2 27	13 54	0 18	21 5	0 38	17 4	17 10	15 54	16 1	7 35		n.a.
F 5	13 44	19 18	5 14	20 29	2 11	1 46	1 42	25 15	1 29	15 57	0 54	10 15	2 26	13 55	0 18	21 5	0 38	17 4	17 10	15 54	16 0	7 38		n.a.
S 6	14 5	14 39	4 56	20 55	2 13	2 17	1 41	25 15	1 29	15 55	0 54	10 13	2 26	13 56	0 18	21 5	0 38	17 4	17 9	15 54	15 59	7 42		n.a.
S 7	14 25	9 32	4 25	21 19	2 15	2 47	1 40	25 15	1 28	15 53	0 54	10 12	2 26	13 57	0 18	21 5	0 38	17 4	17 9	15 54	15 58	7 45		n.a.
M 8	14 45	4 7	3 43	21 43	2 17	3 17	1 40	25 14	1 28	15 51	0 53	10 10	2 26	13 59	0 18	21 5	0 38	17 4	17 9	15 54	15 57	7 48		n.a.
T 9	15 4	1s24	2 52	22 4	2 18	3 48	1 39	25 14	1 28	15 48	0 53	10 9	2 26	14 0	0 18	21 4	0 38	17 4	17 9	15 54	15 56	7 51		n.a.
W10	15 24	6 52	1 54	22 25	2 18	4 18	1 38	25 13	1 27	15 46	0 53	10 7	2 26	14 1	0 18	21 4	0 38	17 4	17 8	15 54	15 55	7 55		n.a.
T 11	15 43	12 7	0 51	22 44	2 18	4 48	1 37	25 11	1 27	15 44	0 53	10 5	2 26	14 2	0 18	21 4	0 38	17 4	17 8	15 54	15 54	7 58		n.a.
F 12	16 2	16 57	0s15	23 1	2 17	5 18	1 36	25 10	1 27	15 42	0 53	10 4	2 26	14 4	0 18	21 4	0 38	17 4	17 8	15 54	15 53	8 1		n.a.
S 13	16 20	21 10	1 20	23 16	2 16	5 48	1 35	25 8	1 26	15 39	0 53	10 2	2 26	14 5	0 18	21 4	0 38	17 4	17 8	15 54	15 52	8 4		n.a.
S 14	16 38	24 32	2 23	23 30	2 14	6 18	1 34	25 6	1 26	15 37	0 53	10 1	2 25	14 6	0 18	21 4	0 38	17 4	17 7	15 53	15 51	8 8		n.a.
M15	16 56	26 50	3 20	23 41	2 11	6 48	1 32	25 3	1 25	15 35	0 53	9 59	2 25	14 7	0 18	21 3	0 38	17 4	17 7	15 53	15 50	8 11		n.a.
T 16	17 14	27 50	4 8	23 51	2 7	7 17	1 31	25 0	1 25	15 32	0 52	9 58	2 25	14 8	0 18	21 3	0 38	17 4	17 7	15 53	15 49	8 14		n.a.
W17	17 32	27 26	4 45	23 59	2 3	7 47	1 30	24 57	1 25	15 30	0 52	9 56	2 25	14 10	0 18	21 3	0 38	17 4	17 6	15 53	15 48	8 17		n.a.
T 18	17 49	25 34	5 9	24 5	1 57	8 16	1 28	24 54	1 24	15 28	0 52	9 55	2 25	14 11	0 18	21 3	0 38	17 4	17 6	15 53	15 47	8 21		n.a.
F 19	18 5	22 19	5 18	24 8	1 51	8 45	1 27	24 51	1 24	15 25	0 52	9 53	2 25	14 12	0 18	21 2	0 38	17 4	17 6	15 53	15 46	8 24		n.a.
S 20	18 22	17 48	5 9	24 9	1 43	9 14	1 25	24 47	1 23	15 23	0 52	9 52	2 25	14 13	0 18	21 2	0 38	17 4	17 6	15 53	15 45	8 27		n.a.
S 21	18 38	12 15	4 42	24 8	1 34	9 43	1 24	24 43	1 23	15 21	0 52	9 50	2 24	14 14	0 18	21 2	0 38	17 4	17 5	15 53	15 44	8 30		n.a.
M22	18 53	5 56	3 58	24 5	1 24	10 11	1 22	24 38	1 23	15 19	0 51	9 49	2 24	14 15	0 18	21 2	0 38	17 4	17 5	15 53	15 43	8 34		n.a.
T 23	19 9	0n51	2 57	23 59	1 13	10 39	1 20	24 34	1 22	15 16	0 51	9 48	2 24	14 17	0 18	21 1	0 38	17 4	17 5	15 53	15 42	8 37		n.a.
W24	19 24	7 44	1 44	23 51	1 1	11 7	1 18	24 29	1 22	15 14	0 51	9 46	2 24	14 18	0 18	21 1	0 38	17 4	17 4	15 54	15 41	8 40		n.a.
T 25	19 39	14 15	0 23	23 40	0 47	11 35	1 17	24 23	1 21	15 12	0 51	9 45	2 24	14 19	0 17	21 1	0 38	17 4	17 4	15 54	15 40	8 43		n.a.
F 26	19 53	19 57	1n 1	23 26	0 32	12 2	1 15	24 18	1 21	15 10	0 51	9 44	2 23	14 20	0 17	21 1	0 38	17 4	17 4	15 54	15 39	8 47		n.a.
S 27	20 7	24 21	2 19	23 11	0 16	12 29	1 13	24 12	1 20	15 8	0 50	9 43	2 23	14 21	0 17	21 0	0 38	17 4	17 3	15 53	15 38	8 50		n.a.
S 28	20 20	27 2	3 26	22 52	0n 2	12 56	1 11	24 6	1 20	15 6	0 50	9 41	2 23	14 22	0 17	21 0	0 38	17 4	17 3	15 53	15 37	8 53		n.a.
M29	20 33	27 51	4 19	22 32	0 21	13 23	1 9	24 0	1 19	15 4	0 50	9 40	2 23	14 24	0 17	21 0	0 38	17 3	17 3	15 52	15 36	8 56		n.a.
T 30	20s46	26n52	4n55	22s 9	0n40	13s49	1n 7	23s53	1s19	15n 1	0s50	9n39	2s23	14s25	0n17	20s59	0s38	17s 3	17s 2	15n51	15n35	8s59		n.a.

Julian Day Number = 1494541.5, Delta T = 05h11m56s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'08, Lahiri = -12°32'08 Julian Calendar 1 Nov. 622 BCE == Greg. Calendar 25 Oct. 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 622 BCE
geocentric

DECEMBER 622 BCE (-621) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 9 53	2♐37'42	5♌ 1	13°R23	10♏48	18♑27	12°R25	0°R38	9♏ 2	0♒19	26°R15	12°R38	11♉45	26♎23	n.a.	W 1
T 2	4 13 50	3°38'58	18° 0	12♐29	12° 3	19°13	12♉18	0♉34	9° 6	0°20	26♓15	12♉36	11°42	26°29	n.a.	T 2
F 3	4 17 47	4°40'14	0♍36	11°26	13°18	20° 0	12°11	0°30	9° 9	0°22	26°15	12°D35	11°39	26°36	n.a.	F 3
S 4	4 21 43	5°41'30	12°53	10°15	14°33	20°46	12° 4	0°27	9°12	0°23	26°14	12°35	11°36	26°43	n.a.	S 4
S 5	4 25 40	6°42'46	24°54	8°59	15°49	21°32	11°57	0°23	9°16	0°25	26°14	12°36	11°33	26°49	n.a.	S 5
M 6	4 29 36	7°44'01	6♎46	7°39	17° 4	22°19	11°51	0°20	9°19	0°26	26°14	12°38	11°30	26°56	n.a.	M 6
T 7	4 33 33	8°45'17	18°34	6°19	18°19	23° 5	11°44	0°16	9°22	0°28	26°14	12°40	11°26	27° 3	n.a.	T 7
W 8	4 37 29	9°46'32	0♏21	5° 1	19°34	23°51	11°38	0°13	9°26	0°29	26°13	12°41	11°23	27° 9	n.a.	W 8
T 9	4 41 26	10°47'47	12°11	3°47	20°49	24°37	11°31	0°10	9°29	0°31	26°13	12°R42	11°20	27°16	n.a.	T 9
F 10	4 45 22	11°49'02	24° 7	2°40	22° 5	25°24	11°25	0° 7	9°32	0°33	26°13	12°41	11°17	27°23	n.a.	F 10
S 11	4 49 19	12°50'17	6♐13	1°40	23°20	26°10	11°19	0° 4	9°36	0°34	26°13	12°39	11°14	27°29	n.a.	S 11
S 12	4 53 16	13°51'31	18°29	0°49	24°35	26°56	11°13	0° 1	9°39	0°36	26°13	12°35	11°10	27°36	n.a.	S 12
M13	4 57 12	14°52'44	0♑57	0° 7	25°50	27°42	11° 8	29♈58	9°42	0°38	26°12	12°30	11° 7	27°43	n.a.	M13
T 14	5 1 9	15°53'56	13°38	29♏35	27° 5	28°28	11° 2	29°56	9°45	0°39	26°12	12°24	11° 4	27°49	n.a.	T 14
W15	5 5 5	16°55'08	26°31	29°12	28°20	29°15	10°57	29°53	9°48	0°41	26°12	12°18	11° 1	27°56	n.a.	W15
T 16	5 9 2	17°56'19	9♒37	28°59	29°36	0♒ 1	10°52	29°51	9°51	0°43	26°12	12°12	10°58	28° 3	n.a.	T 16
F 17	5 12 58	18°57'29	22°57	28°D54	0♐51	0°47	10°47	29°48	9°55	0°45	26°12	12° 8	10°55	28° 9	n.a.	F 17
S 18	5 16 55	19°58'37	6♓30	28°58	2° 6	1°33	10°42	29°46	9°58	0°47	26°D12	12° 5	10°51	28°16	n.a.	S 18
S 19	5 20 52	20°59'44	20°17	29° 9	3°21	2°19	10°37	29°44	10° 1	0°48	26°12	12°D 4	10°48	28°23	n.a.	S 19
M20	5 24 48	22° 0'51	4♈17	29°28	4°36	3° 5	10°33	29°42	10° 4	0°50	26°12	12° 5	10°45	28°29	n.a.	M20
T 21	5 28 45	23° 1'56	18°32	29°53	5°51	3°51	10°29	29°40	10° 7	0°52	26°12	12° 6	10°42	28°36	n.a.	T 21
W22	5 32 41	24° 2'59	2♉58	0♐24	7° 6	4°37	10°24	29°38	10° 9	0°54	26°12	12° 8	10°39	28°42	n.a.	W22
T 23	5 36 38	25° 4'02	17°32	1° 0	8°21	5°23	10°20	29°36	10°12	0°56	26°13	12°R 8	10°36	28°49	n.a.	T 23
F 24	5 40 34	26° 5'03	2♊11	1°41	9°37	6° 9	10°17	29°34	10°15	0°58	26°13	12° 6	10°32	28°56	n.a.	F 24
S 25	5 44 31	27° 6'03	16°48	2°27	10°52	6°55	10°13	29°33	10°18	1° 0	26°13	12° 2	10°29	29° 2	n.a.	S 25
S 26	5 48 27	28° 7'02	1♋16	3°16	12° 7	7°41	10°10	29°31	10°21	1° 2	26°13	11°56	10°26	29° 9	n.a.	S 26
M27	5 52 24	29° 8'00	15°29	4° 9	13°22	8°26	10° 7	29°30	10°24	1° 4	26°13	11°49	10°23	29°16	n.a.	M27
T 28	5 56 21	0♌ 8'57	29°22	5° 6	14°37	9°12	10° 4	29°29	10°26	1° 6	26°13	11°40	10°20	29°22	n.a.	T 28
W29	6 0 17	1° 9'53	12♌50	6° 5	15°52	9°58	10° 1	29°28	10°29	1° 8	26°14	11°32	10°17	29°29	n.a.	W29
T 30	6 4 14	2°10'47	25°54	7° 8	17° 7	10°44	9°58	29°27	10°32	1°10	26°14	11°25	10°13	29°36	n.a.	T 30
F 31	6 8 10	3♌11'41	8♍34	8♐13	18♐22	11♒29	9♉56	29♈26	10♏34	1♒12	26♓14	11♉20	10♉10	29♎42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	20s59	24n20	5n13	21s44	1n 0	14s15	1n 5	23s47	1s18	14n59	0s50	9n38	2s22	14s26	0n17	20s59	0s38	17s 3	17s 2	15n51	15n34	9s 3			n.a.
T 2	21 10	20 37	5 14	21 17	1 20	14 40	1 3	23 39	1 18	14 57	0 49	9 37	2 22	14 27	0 17	20 59	0 38	17 3	17 2	15 50	15 33	9 6			n.a.
F 3	21 22	16 5	5 0	20 50	1 39	15 5	1 1	23 32	1 17	14 55	0 49	9 36	2 22	14 28	0 17	20 59	0 38	17 3	17 1	15 50	15 32	9 9			n.a.
S 4	21 33	11 0	4 33	20 21	1 58	15 30	0 58	23 25	1 17	14 54	0 49	9 35	2 22	14 29	0 17	20 58	0 38	17 3	17 1	15 50	15 31	9 12			n.a.
S 5	21 44	5 37	3 54	19 52	2 16	15 54	0 56	23 17	1 16	14 52	0 49	9 34	2 22	14 30	0 17	20 58	0 38	17 2	17 1	15 50	15 30	9 16			n.a.
M 6	21 54	0 6	3 5	19 24	2 32	16 18	0 54	23 9	1 16	14 50	0 49	9 33	2 21	14 31	0 17	20 58	0 38	17 2	17 0	15 51	15 29	9 19			n.a.
T 7	22 4	5s23	2 9	18 56	2 46	16 42	0 52	23 0	1 15	14 48	0 48	9 32	2 21	14 32	0 17	20 57	0 38	17 2	17 0	15 51	15 28	9 22			n.a.
W 8	22 13	10 42	1 7	18 31	2 58	17 5	0 49	22 52	1 15	14 46	0 48	9 31	2 21	14 33	0 17	20 57	0 38	17 2	16 59	15 52	15 27	9 25			n.a.
T 9	22 22	15 39	0 3	18 8	3 7	17 27	0 47	22 43	1 14	14 44	0 48	9 30	2 21	14 35	0 17	20 56	0 38	17 1	16 59	15 52	15 26	9 28			n.a.
F 10	22 31	20 4	1s 2	17 49	3 14	17 49	0 45	22 34	1 14	14 43	0 48	9 29	2 20	14 36	0 17	20 56	0 38	17 1	16 59	15 52	15 25	9 32			n.a.
S 11	22 39	23 42	2 5	17 32	3 19	18 11	0 42	22 25	1 13	14 41	0 47	9 28	2 20	14 37	0 17	20 56	0 38	17 1	16 58	15 51	15 24	9 35			n.a.
S 12	22 47	26 19	3 4	17 20	3 21	18 32	0 40	22 15	1 13	14 39	0 47	9 27	2 20	14 38	0 17	20 55	0 38	17 1	16 58	15 50	15 23	9 38			n.a.
M13	22 54	27 40	3 54	17 11	3 21	18 53	0 37	22 5	1 12	14 38	0 47	9 27	2 20	14 39	0 17	20 55	0 38	17 0	16 58	15 48	15 22	9 41			n.a.
T 14	23 1	27 36	4 33	17 5	3 20	19 13	0 35	21 55	1 12	14 36	0 47	9 26	2 19	14 40	0 17	20 55	0 38	17 0	16 57	15 46	15 21	9 45			n.a.
W15	23 7	26 2	5 0	17 4	3 17	19 32	0 33	21 45	1 11	14 35	0 47	9 25	2 19	14 41	0 17	20 54	0 38	17 0	16 57	15 44	15 20	9 48			n.a.
T 16	23 13	23 4	5 11	17 5	3 12	19 51	0 30	21 35	1 11	14 34	0 46	9 25	2 19	14 42	0 17	20 54	0 38	16 59	16 57	15 43	15 19	9 51			n.a.
F 17	23 18	18 51	5 6	17 9	3 7	20 10	0 28	21 24	1 10	14 32	0 46	9 24	2 18	14 43	0 17	20 53	0 38	16 59	16 56	15 41	15 18	9 54			n.a.
S 18	23 23	13 38	4 44	17 17	3 0	20 28	0 25	21 13	1 9	14 31	0 46	9 23	2 18	14 44	0 17	20 53	0 38	16 59	16 56	15 41	15 17	9 57			n.a.
S 19	23 28	7 39	4 5	17 26	2 53	20 45	0 23	21 2	1 9	14 30	0 46	9 23	2 18	14 45	0 17	20 53	0 38	16 58	16 56	15 40	15 16	10 1			n.a.
M20	23 32	1 11	3 11	17 38	2 45	21 2	0 20	20 51	1 8	14 28	0 45	9 22	2 18	14 46	0 17	20 52	0 38	16 58	16 55	15 40	15 15	10 4			n.a.
T 21	23 35	5n26	2 5	17 51	2 36	21 18	0 18	20 39	1 8	14 27	0 45	9 22	2 17	14 47	0 17	20 52	0 38	16 58	16 55	15 41	15 14	10 7			n.a.
W22	23 38	11 54	0 50	18 7	2 28	21 33	0 15	20 28	1 7	14 26	0 45	9 22	2 17	14 47	0 17	20 51	0 38	16 57	16 54	15 41	15 13	10 10			n.a.
T 23	23 41	17 46	0n29	18 23	2 19	21 48	0 13	20 16	1 6	14 25	0 45	9 21	2 17	14 48	0 17	20 51	0 38	16 57	16 54	15 41	15 12	10 13			n.a.
F 24	23 43	22 38	1 47	18 41	2 9	22 2	0 10	20 4	1 6	14 24	0 44	9 21	2 16	14 49	0 17	20 50	0 38	16 57	16 54	15 41	15 11	10 17			n.a.
S 25	23 44	26 2	2 56	18 59	2 0	22 16	0 7	19 51	1 5	14 23	0 44	9 21	2 16	14 50	0 17	20 50	0 38	16 56	16 53	15 40	15 10	10 20			n.a.
S 26	23 45	27 40	3 54	19 18	1 50	22 29	0 5	19 39	1 5	14 23	0 44	9 21	2 16	14 51	0 17	20 50	0 38	16 56	16 53	15 38	15 9	10 23			n.a.
M27	23 46	27 26	4 36	19 38	1 40	22 41	0 2	19 26	1 4	14 22	0 44	9 20	2 16	14 52	0 17	20 49	0 38	16 55	16 53	15 35	15 8	10 26			n.a.
T 28	23 46	25 28	5 1	19 57	1 31	22 52	0s 0	19 13	1 3	14 21	0 43	9 20	2 15	14 53	0 17	20 49	0 38	16 55	16 52	15 33	15 7	10 29			n.a.
W29	23 46	22 6	5 7	20 17	1 21	23 3	0 3	19 0	1 3	14 21	0 43	9 20	2 15	14 54	0 17	20 48	0 38	16 55	16 52	15 30	15 6	10 32			n.a.
T 30	23 45	17 43	4 58	20 37	1 12	23 13	0 5	18 47	1 2	14 20	0 43	9 20	2 15	14 54	0 17	20 48	0 38	16 54	16 51	15 28	15 5	10 36			n.a.
F 31	23s44	12n41	4n34	20s57	1n 2	23s23	0s 7	18s34	1s 2	14n19	0s43	9n20	2s14	14s55	0n17	20s47	0s38	16s54	16s51	15n26	15n 4	10s39			n.a.

Julian Day Number = 1494571.5, Delta T = 05h11m54s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'04, Lahiri = -12°32'04 Julian Calendar 1 Dec. 622 BCE == Greg. Calendar 24 Nov. 622 BCE

The year -621 astronomical counting style corresponds to year 622 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

JANUARY 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 12 7	4♑12'33	20♍54	9♐20	19♐37	12♒15	9°R54	29°R25	10♏37	1♒14	26♓15	11°R16	10♉ 7	29♎49	n.a.	S 1
S 2	6 16 3	5°13'25	2♎58	10°29	20°52	13° 1	9♉52	29♈25	10°39	1°16	26°15	11°D15	10° 4	29°56	n.a.	S 2
M 3	6 20 0	6°14'15	14°51	11°40	22° 7	13°46	9°50	29°24	10°42	1°18	26°15	11♉15	10° 1	0♏ 2	n.a.	M 3
T 4	6 23 56	7°15'04	26°39	12°53	23°22	14°32	9°48	29°24	10°44	1°20	26°16	11°17	9°57	0° 9	n.a.	T 4
W 5	6 27 53	8°15'52	8♏27	14° 7	24°37	15°17	9°47	29°23	10°47	1°22	26°16	11°R17	9°54	0°16	n.a.	W 5
T 6	6 31 50	9°16'39	20°19	15°24	25°52	16° 3	9°46	29°23	10°49	1°25	26°16	11°17	9°51	0°22	n.a.	T 6
F 7	6 35 46	10°17'25	2♐21	16°41	27° 7	16°48	9°45	29°D23	10°51	1°27	26°17	11°14	9°48	0°29	n.a.	F 7
S 8	6 39 43	11°18'09	14°36	18° 0	28°22	17°34	9°44	29°23	10°54	1°29	26°17	11° 9	9°45	0°36	n.a.	S 8
S 9	6 43 39	12°18'52	27° 6	19°21	29°37	18°19	9°43	29°23	10°56	1°31	26°18	11° 2	9°42	0°42	n.a.	S 9
M10	6 47 36	13°19'33	9♑52	20°42	0♑52	19° 5	9°43	29°24	10°58	1°33	26°18	10°52	9°38	0°49	n.a.	M10
T 11	6 51 32	14°20'13	22°54	22° 5	2° 7	19°50	9°D43	29°24	11° 0	1°35	26°19	10°41	9°35	0°55	n.a.	T 11
W12	6 55 29	15°20'51	6♒12	23°29	3°22	20°35	9°43	29°25	11° 2	1°38	26°19	10°29	9°32	1° 2	n.a.	W12
T 13	6 59 26	16°21'28	19°42	24°54	4°37	21°20	9°43	29°25	11° 4	1°40	26°20	10°18	9°29	1° 9	n.a.	T 13
F 14	7 3 22	17°22'02	3♓22	26°20	5°52	22° 6	9°44	29°26	11° 6	1°42	26°21	10° 9	9°26	1°15	n.a.	F 14
S 15	7 7 19	18°22'34	17°11	27°48	7° 7	22°51	9°44	29°27	11° 8	1°44	26°21	10° 3	9°23	1°22	n.a.	S 15
S 16	7 11 15	19°23'05	1♈ 6	29°16	8°22	23°36	9°45	29°28	11°10	1°46	26°22	9°59	9°19	1°29	n.a.	S 16
M17	7 15 12	20°23'33	15° 6	0♑45	9°37	24°21	9°46	29°29	11°12	1°49	26°22	9°D58	9°16	1°35	n.a.	M17
T 18	7 19 8	21°24'00	29°11	2°15	10°52	25° 6	9°47	29°30	11°14	1°51	26°23	9°58	9°13	1°42	n.a.	T 18
W19	7 23 5	22°24'24	13♉20	3°47	12° 6	25°51	9°49	29°32	11°16	1°53	26°24	9°R58	9°10	1°49	n.a.	W19
T 20	7 27 1	23°24'46	27°31	5°19	13°21	26°36	9°50	29°33	11°17	1°55	26°24	9°57	9° 7	1°55	n.a.	T 20
F 21	7 30 58	24°25'06	11♊42	6°52	14°36	27°21	9°52	29°35	11°19	1°58	26°25	9°54	9° 3	2° 2	n.a.	F 21
S 22	7 34 55	25°25'24	25°52	8°26	15°51	28° 6	9°54	29°36	11°21	2° 0	26°26	9°47	9° 0	2° 9	n.a.	S 22
S 23	7 38 51	26°25'41	9♋55	10° 2	17° 6	28°51	9°56	29°38	11°22	2° 2	26°27	9°38	8°57	2°15	n.a.	S 23
M24	7 42 48	27°25'55	23°47	11°38	18°20	29°36	9°59	29°40	11°24	2° 4	26°27	9°27	8°54	2°22	n.a.	M24
T 25	7 46 44	28°26'07	7♌24	13°15	19°35	0♓20	10° 1	29°42	11°25	2° 7	26°28	9°14	8°51	2°29	n.a.	T 25
W26	7 50 41	29°26'17	20°43	14°53	20°50	1° 5	10° 4	29°44	11°27	2° 9	26°29	9° 2	8°48	2°35	n.a.	W26
T 27	7 54 37	0♒26'25	3♍42	16°33	22° 5	1°50	10° 7	29°46	11°28	2°11	26°30	8°50	8°44	2°42	n.a.	T 27
F 28	7 58 34	1°26'32	16°20	18°13	23°20	2°34	10°10	29°48	11°29	2°14	26°31	8°41	8°41	2°48	n.a.	F 28
S 29	8 2 30	2°26'36	28°40	19°54	24°34	3°19	10°14	29°51	11°31	2°16	26°32	8°34	8°38	2°55	n.a.	S 29
S 30	8 6 27	3°26'39	10♎45	21°37	25°49	4° 4	10°17	29°53	11°32	2°18	26°32	8°30	8°35	3° 2	n.a.	S 30
M31	8 10 24	4♒26'40	22♎39	23♑20	27♑ 4	4♓48	10♉21	29♈56	11♏33	2♒20	26♓33	8♉29	8♉32	3♏ 8	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s42	7n17	3n57	21s17	0n53	23s31	0s10	18s20	1s 1	14n19	0s42	9n20	2s14	14s56	0n18	20s47	0s38	16s53	16s51	15n25	15n 3	10s42		n.a.
S 2	23 40	1 43	3 11	21 37	0 44	23 39	0 12	18 6	1 0	14 19	0 42	9 20	2 14	14 57	0 18	20 46	0 38	16 53	16 50	15 25	15 2	10 45		n.a.
M 3	23 37	3s50	2 17	21 56	0 35	23 47	0 15	17 53	1 0	14 18	0 42	9 20	2 14	14 58	0 18	20 46	0 38	16 52	16 50	15 25	15 1	10 48		n.a.
T 4	23 34	9 13	1 18	22 14	0 26	23 53	0 17	17 39	0 59	14 18	0 42	9 20	2 13	14 58	0 18	20 46	0 38	16 52	16 50	15 25	15 0	10 52		n.a.
W 5	23 31	14 16	0 15	22 32	0 17	23 59	0 20	17 24	0 59	14 18	0 41	9 20	2 13	14 59	0 18	20 45	0 38	16 51	16 49	15 26	14 59	10 55		n.a.
T 6	23 27	18 51	0s48	22 49	0 8	24 4	0 22	17 10	0 58	14 18	0 41	9 21	2 13	15 0	0 18	20 45	0 38	16 51	16 49	15 25	14 58	10 58		n.a.
F 7	23 22	22 43	1 50	23 6	0s 0	24 9	0 24	16 56	0 57	14 18	0 41	9 21	2 12	15 1	0 18	20 44	0 38	16 50	16 49	15 25	14 57	11 1		n.a.
S 8	23 17	25 39	2 48	23 22	0 8	24 12	0 27	16 41	0 57	14 18	0 40	9 21	2 12	15 1	0 18	20 44	0 38	16 50	16 48	15 23	14 56	11 4		n.a.
S 9	23 12	27 24	3 39	23 37	0 16	24 15	0 29	16 26	0 56	14 18	0 40	9 22	2 12	15 2	0 18	20 43	0 38	16 49	16 48	15 21	14 55	11 7		n.a.
M10	23 6	27 43	4 20	23 51	0 24	24 17	0 31	16 11	0 55	14 18	0 40	9 22	2 11	15 3	0 18	20 43	0 38	16 49	16 48	15 18	14 54	11 11		n.a.
T 11	22 59	26 32	4 49	24 4	0 32	24 19	0 33	15 56	0 55	14 18	0 40	9 22	2 11	15 3	0 18	20 42	0 38	16 48	16 47	15 14	14 53	11 14		n.a.
W12	22 52	23 51	5 2	24 16	0 39	24 19	0 36	15 41	0 54	14 18	0 39	9 23	2 11	15 4	0 18	20 42	0 38	16 48	16 47	15 10	14 52	11 17		n.a.
T 13	22 45	19 50	4 59	24 26	0 46	24 19	0 38	15 26	0 53	14 18	0 39	9 23	2 10	15 5	0 18	20 41	0 38	16 47	16 47	15 7	14 51	11 20		n.a.
F 14	22 38	14 43	4 39	24 36	0 53	24 18	0 40	15 10	0 53	14 19	0 39	9 24	2 10	15 5	0 18	20 41	0 38	16 47	16 46	15 4	14 50	11 23		n.a.
S 15	22 29	8 50	4 2	24 45	1 0	24 17	0 42	14 55	0 52	14 19	0 39	9 25	2 10	15 6	0 18	20 40	0 38	16 46	16 46	15 2	14 49	11 26		n.a.
S 16	22 21	2 28	3 11	24 52	1 6	24 14	0 44	14 39	0 52	14 20	0 38	9 25	2 10	15 7	0 18	20 40	0 38	16 46	16 46	15 1	14 48	11 30		n.a.
M17	22 12	4n 4	2 8	24 58	1 12	24 11	0 46	14 23	0 51	14 20	0 38	9 26	2 9	15 7	0 18	20 39	0 38	16 45	16 45	15 0	14 47	11 33		n.a.
T 18	22 3	10 27	0 57	25 3	1 18	24 7	0 48	14 7	0 50	14 21	0 38	9 27	2 9	15 8	0 18	20 39	0 38	16 44	16 45	15 0	14 46	11 36		n.a.
W19	21 53	16 20	0n18	25 6	1 23	24 2	0 50	13 51	0 50	14 22	0 38	9 27	2 9	15 8	0 18	20 38	0 38	16 44	16 45	15 0	14 45	11 39		n.a.
T 20	21 43	21 22	1 32	25 8	1 28	23 57	0 52	13 35	0 49	14 22	0 37	9 28	2 8	15 9	0 18	20 38	0 38	16 43	16 44	15 0	14 44	11 42		n.a.
F 21	21 32	25 8	2 40	25 9	1 33	23 51	0 54	13 19	0 48	14 23	0 37	9 29	2 8	15 9	0 18	20 37	0 38	16 43	16 44	14 59	14 43	11 45		n.a.
S 22	21 21	27 20	3 38	25 7	1 38	23 44	0 56	13 2	0 48	14 24	0 37	9 30	2 8	15 10	0 18	20 37	0 38	16 42	16 44	14 57	14 42	11 48		n.a.
S 23	21 10	27 45	4 22	25 5	1 42	23 37	0 57	12 46	0 47	14 25	0 37	9 31	2 7	15 10	0 18	20 36	0 38	16 42	16 43	14 54	14 41	11 52		n.a.
M24	20 58	26 24	4 50	25 1	1 46	23 28	0 59	12 30	0 46	14 26	0 36	9 32	2 7	15 11	0 18	20 36	0 38	16 41	16 43	14 50	14 40	11 55		n.a.
T 25	20 46	23 31	5 0	24 55	1 49	23 19	1 1	12 13	0 46	14 27	0 36	9 33	2 7	15 11	0 18	20 35	0 38	16 40	16 43	14 46	14 39	11 58		n.a.
W26	20 33	19 26	4 55	24 47	1 53	23 9	1 2	11 56	0 45	14 28	0 36	9 34	2 7	15 12	0 18	20 35	0 38	16 40	16 42	14 42	14 38	12 1		n.a.
T 27	20 20	14 31	4 33	24 38	1 55	22 59	1 4	11 39	0 44	14 29	0 36	9 35	2 6	15 12	0 18	20 34	0 38	16 39	16 42	14 38	14 37	12 4		n.a.
F 28	20 7	9 7	3 59	24 28	1 58	22 48	1 5	11 23	0 44	14 31	0 36	9 36	2 6	15 13	0 18	20 34	0 38	16 39	16 42	14 35	14 36	12 7		n.a.
S 29	19 53	3 30	3 14	24 15	2 0	22 36	1 7	11 6	0 43	14 32	0 35	9 37	2 6	15 13	0 18	20 33	0 38	16 38	16 41	14 33	14 35	12 10		n.a.
S 30	19 39	2s 9	2 21	24 1	2 2	22 24	1 8	10 49	0 42	14 33	0 35	9 38	2 5	15 13	0 18	20 33	0 38	16 37	16 41	14 32	14 34	12 13		n.a.
M31	19s25	7s39	1n23	23s44	2s 3	22s11	1s10	10s32	0s42	14n35	0s35	9n39	2s 5	15s14	0n18	20s32	0s38	16s37	16s41	14n32	14n33	12s17		n.a.

Julian Day Number = 1494602.5, Delta T = 05h11m53s
Ecliptic obliquity = 23°46'19, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°39'00, Lahiri = -12°32'00 Julian Calendar 1 Jan. 621 BCE == Greg. Calendar 25 Dec. 622 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

FEBRUARY 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 14 20	5♒26'40	4♏28	25♉ 5	28♉18	5♓33	10♉25	29♈59	11♏34	2♒23	26♓34	8°R28	8♉28	3♏15	n.a.	T 1
W 2	8 18 17	6°26'37	16°16	26°50	29°33	6°17	10°29	0♉ 1	11°35	2°25	26°35	8♉28	8°25	3°22	n.a.	W 2
T 3	8 22 13	7°26'33	28°10	28°37	0♒48	7° 1	10°33	0° 4	11°36	2°27	26°36	8°27	8°22	3°28	n.a.	T 3
F 4	8 26 10	8°26'27	10♐15	0♒25	2° 2	7°46	10°38	0° 7	11°37	2°29	26°37	8°24	8°19	3°35	n.a.	F 4
S 5	8 30 6	9°26'20	22°35	2°14	3°17	8°30	10°42	0°11	11°38	2°32	26°38	8°19	8°16	3°42	n.a.	S 5
S 6	8 34 3	10°26'10	5♉13	4° 5	4°32	9°14	10°47	0°14	11°39	2°34	26°39	8°11	8°13	3°48	n.a.	S 6
M 7	8 37 59	11°25'59	18°13	5°56	5°46	9°58	10°52	0°17	11°40	2°36	26°40	8° 0	8° 9	3°55	n.a.	M 7
T 8	8 41 56	12°25'45	1♒34	7°48	7° 1	10°43	10°57	0°21	11°41	2°39	26°41	7°48	8° 6	4° 2	n.a.	T 8
W 9	8 45 52	13°25'29	15°14	9°42	8°16	11°27	11° 2	0°24	11°41	2°41	26°42	7°35	8° 3	4° 8	n.a.	W 9
T 10	8 49 49	14°25'12	29°10	11°37	9°30	12°11	11° 8	0°28	11°42	2°43	26°43	7°23	8° 0	4°15	n.a.	T 10
F 11	8 53 46	15°24'52	13♓17	13°33	10°45	12°55	11°13	0°32	11°43	2°45	26°44	7°13	7°57	4°22	n.a.	F 11
S 12	8 57 42	16°24'29	27°31	15°29	11°59	13°39	11°19	0°35	11°43	2°47	26°45	7° 5	7°54	4°28	n.a.	S 12
S 13	9 1 39	17°24'04	11♈47	17°27	13°14	14°23	11°25	0°39	11°44	2°50	26°47	7° 1	7°50	4°35	n.a.	S 13
M14	9 5 35	18°23'37	26° 1	19°26	14°29	15° 7	11°31	0°43	11°44	2°52	26°48	6°59	7°47	4°41	n.a.	M14
T 15	9 9 32	19°23'08	10♉11	21°25	15°43	15°50	11°37	0°47	11°44	2°54	26°49	6°D59	7°44	4°48	n.a.	T 15
W16	9 13 28	20°22'36	24°15	23°26	16°58	16°34	11°44	0°52	11°45	2°56	26°50	6°R59	7°41	4°55	n.a.	W16
T 17	9 17 25	21°22'01	8♊14	25°26	18°12	17°18	11°50	0°56	11°45	2°59	26°51	6°58	7°38	5° 1	n.a.	T 17
F 18	9 21 21	22°21'25	22° 7	27°28	19°27	18° 2	11°57	1° 0	11°45	3° 1	26°52	6°55	7°34	5° 8	n.a.	F 18
S 19	9 25 18	23°20'45	5♋52	29°29	20°41	18°45	12° 4	1° 5	11°46	3° 3	26°53	6°49	7°31	5°15	n.a.	S 19
S 20	9 29 15	24°20'04	19°29	1♓30	21°55	19°29	12°11	1° 9	11°46	3° 5	26°55	6°40	7°28	5°21	n.a.	S 20
M21	9 33 11	25°19'20	2♌55	3°31	23°10	20°12	12°18	1°14	11°46	3° 7	26°56	6°30	7°25	5°28	n.a.	M21
T 22	9 37 8	26°18'34	16° 9	5°31	24°24	20°56	12°26	1°19	11°R46	3° 9	26°57	6°18	7°22	5°35	n.a.	T 22
W23	9 41 4	27°17'45	29° 9	7°31	25°39	21°39	12°33	1°23	11°46	3°11	26°58	6° 6	7°19	5°41	n.a.	W23
T 24	9 45 1	28°16'54	11♍53	9°29	26°53	22°23	12°41	1°28	11°46	3°14	26°59	5°55	7°15	5°48	n.a.	T 24
F 25	9 48 57	29°16'01	24°22	11°26	28° 7	23° 6	12°48	1°33	11°45	3°16	27° 1	5°46	7°12	5°55	n.a.	F 25
S 26	9 52 54	0♓15'06	6♎36	13°20	29°22	23°49	12°56	1°38	11°45	3°18	27° 2	5°40	7° 9	6° 1	n.a.	S 26
S 27	9 56 50	1°14'09	18°38	15°12	0♓36	24°33	13° 4	1°43	11°45	3°20	27° 3	5°36	7° 6	6° 8	n.a.	S 27
M28	10 0 47	2°13'10	0♏31	17° 2	1°50	25°16	13°12	1°49	11°45	3°22	27° 4	5°D34	7° 3	6°14	n.a.	M28
T 29	10 4 43	3♓12'10	12♏20	18♓48	3♓ 5	25♓59	13♉20	1♉54	11♏44	3♒24	27♓ 6	5♉34	7♉ 0	6♏21	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s10	12s51	0n21	23s26	2s 4	21s57	1s11	10s14	0s41	14n36	0s35	9n41	2s 5	15s14	0n18	20s32	0s38	16s36	16s41	14n31	14n31	12s20		n.a.
W 2	18 55	17 36	0s41	23 6	2 4	21 42	1 12	9 57	0 40	14 38	0 34	9 42	2 4	15 14	0 18	20 31	0 38	16 35	16 40	14 31	14 30	12 23		n.a.
T 3	18 40	21 41	1 42	22 44	2 4	21 27	1 14	9 40	0 40	14 39	0 34	9 43	2 4	15 15	0 18	20 31	0 38	16 35	16 40	14 31	14 29	12 26		n.a.
F 4	18 24	24 56	2 40	22 21	2 3	21 11	1 15	9 23	0 39	14 41	0 34	9 44	2 4	15 15	0 18	20 30	0 38	16 34	16 40	14 30	14 28	12 29		n.a.
S 5	18 8	27 4	3 31	21 55	2 2	20 55	1 16	9 5	0 38	14 43	0 34	9 46	2 4	15 15	0 18	20 29	0 38	16 34	16 39	14 28	14 27	12 32		n.a.
S 6	17 52	27 53	4 13	21 27	2 1	20 38	1 17	8 48	0 38	14 44	0 33	9 47	2 3	15 16	0 18	20 29	0 38	16 33	16 39	14 26	14 26	12 35		n.a.
M 7	17 35	27 11	4 43	20 58	1 59	20 21	1 18	8 30	0 37	14 46	0 33	9 49	2 3	15 16	0 18	20 28	0 38	16 32	16 39	14 22	14 25	12 38		n.a.
T 8	17 19	24 56	4 59	20 26	1 56	20 3	1 19	8 13	0 36	14 48	0 33	9 50	2 3	15 16	0 18	20 28	0 38	16 32	16 39	14 18	14 24	12 41		n.a.
W 9	17 1	21 13	4 58	19 53	1 53	19 44	1 20	7 55	0 36	14 50	0 33	9 52	2 3	15 16	0 18	20 27	0 38	16 31	16 38	14 14	14 23	12 45		n.a.
T 10	16 44	16 16	4 39	19 17	1 49	19 25	1 20	7 37	0 35	14 52	0 33	9 53	2 2	15 16	0 18	20 27	0 38	16 30	16 38	14 10	14 22	12 48		n.a.
F 11	16 26	10 24	4 4	18 40	1 45	19 5	1 21	7 20	0 34	14 54	0 32	9 55	2 2	15 17	0 18	20 26	0 39	16 30	16 38	14 7	14 21	12 51		n.a.
S 12	16 8	3 56	3 12	18 1	1 40	18 44	1 22	7 2	0 34	14 56	0 32	9 56	2 2	15 17	0 18	20 26	0 39	16 29	16 38	14 4	14 20	12 54		n.a.
S 13	15 50	2n45	2 9	17 19	1 35	18 24	1 22	6 44	0 33	14 58	0 32	9 58	2 1	15 17	0 18	20 25	0 39	16 28	16 37	14 3	14 19	12 57		n.a.
M14	15 32	9 17	0 58	16 36	1 29	18 2	1 23	6 26	0 32	15 0	0 32	10 0	2 1	15 17	0 18	20 25	0 39	16 28	16 37	14 2	14 18	13 0		n.a.
T 15	15 13	15 21	0n17	15 52	1 23	17 40	1 23	6 9	0 32	15 2	0 31	10 1	2 1	15 17	0 18	20 24	0 39	16 27	16 37	14 2	14 17	13 3		n.a.
W16	14 54	20 33	1 30	15 5	1 15	17 18	1 24	5 51	0 31	15 4	0 31	10 3	2 1	15 17	0 18	20 24	0 39	16 26	16 37	14 2	14 16	13 6		n.a.
T 17	14 35	24 35	2 38	14 17	1 8	16 55	1 24	5 33	0 30	15 6	0 31	10 5	2 0	15 17	0 18	20 23	0 39	16 26	16 37	14 2	14 15	13 9		n.a.
F 18	14 15	27 7	3 35	13 27	0 59	16 32	1 25	5 15	0 30	15 9	0 31	10 7	2 0	15 17	0 18	20 23	0 39	16 25	16 36	14 1	14 14	13 12		n.a.
S 19	13 55	27 57	4 19	12 36	0 50	16 8	1 25	4 57	0 29	15 11	0 31	10 8	2 0	15 17	0 18	20 22	0 39	16 24	16 36	13 59	14 13	13 15		n.a.
S 20	13 36	27 5	4 48	11 44	0 41	15 44	1 25	4 39	0 28	15 13	0 30	10 10	2 0	15 17	0 18	20 22	0 39	16 24	16 36	13 56	14 12	13 19		n.a.
M21	13 16	24 39	5 1	10 50	0 31	15 19	1 25	4 21	0 28	15 16	0 30	10 12	1 59	15 18	0 18	20 21	0 39	16 23	16 36	13 52	14 11	13 22		n.a.
T 22	12 55	20 56	4 57	9 56	0 21	14 54	1 25	4 3	0 27	15 18	0 30	10 14	1 59	15 18	0 18	20 21	0 39	16 22	16 36	13 48	14 10	13 25		n.a.
W23	12 35	16 16	4 38	9 1	0 10	14 29	1 25	3 45	0 26	15 21	0 30	10 16	1 59	15 17	0 18	20 21	0 39	16 22	16 35	13 44	14 9	13 28		n.a.
T 24	12 14	10 58	4 5	8 6	0n 2	14 3	1 25	3 27	0 26	15 23	0 30	10 18	1 59	15 17	0 18	20 20	0 39	16 21	16 35	13 41	14 7	13 31		n.a.
F 25	11 53	5 20	3 21	7 10	0 13	13 37	1 25	3 9	0 25	15 26	0 29	10 20	1 58	15 17	0 18	20 20	0 39	16 20	16 35	13 38	14 6	13 34		n.a.
S 26	11 32	0s24	2 28	6 15	0 25	13 10	1 25	2 51	0 24	15 28	0 29	10 22	1 58	15 17	0 18	20 19	0 39	16 20	16 35	13 36	14 5	13 37		n.a.
S 27	11 11	6 2	1 29	5 20	0 37	12 44	1 24	2 33	0 24	15 31	0 29	10 24	1 58	15 17	0 18	20 19	0 39	16 19	16 35	13 34	14 4	13 40		n.a.
M28	10 50	11 24	0 27	4 26	0 49	12 16	1 24	2 15	0 23	15 34	0 29	10 26	1 58	15 17	0 18	20 18	0 39	16 18	16 35	13 34	14 3	13 43		n.a.
T 29	10s28	16s19	0s36	3s33	1n 2	11s49	1s24	1s57	0s22	15n36	0s29	10n28	1s57	15s17	0n18	20s18	0s39	16s18	16s34	13n34	14n 2	13s46		n.a.

Julian Day Number = 1494633.5, Delta T = 05h11m51s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'56, Lahiri = -12°31'55 Julian Calendar 1 Feb. 621 BCE == Greg. Calendar 25 Jan. 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

MARCH 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 8 40	4♓11'07	24♏ 8	20♓30	4♓19	26♓42	13♉29	1♉59	11°R44	3♒26	27♓ 7	5♉35	6♉56	6♏28	n.a.	W 1
T 2	10 12 37	5°10'02	6♐ 2	22° 9	5°33	27°25	13°37	2° 5	11♏44	3°28	27° 8	5°R36	6°53	6°34	n.a.	T 2
F 3	10 16 33	6° 8'56	18° 7	23°43	6°48	28° 8	13°46	2°10	11°43	3°30	27°10	5°35	6°50	6°41	n.a.	F 3
S 4	10 20 30	7° 7'48	0♑27	25°13	8° 2	28°51	13°55	2°16	11°42	3°32	27°11	5°32	6°47	6°48	n.a.	S 4
S 5	10 24 26	8° 6'38	13° 8	26°38	9°16	29°34	14° 4	2°21	11°42	3°34	27°12	5°27	6°44	6°54	n.a.	S 5
M 6	10 28 23	9° 5'26	26°13	27°58	10°30	0♈17	14°13	2°27	11°41	3°36	27°14	5°20	6°40	7° 1	n.a.	M 6
T 7	10 32 19	10° 4'12	9♒43	29°12	11°45	1° 0	14°22	2°33	11°41	3°38	27°15	5°12	6°37	7° 8	n.a.	T 7
W 8	10 36 16	11° 2'56	23°37	0♈21	12°59	1°43	14°31	2°39	11°40	3°40	27°16	5° 2	6°34	7°14	n.a.	W 8
T 9	10 40 12	12° 1'38	7♓52	1°24	14°13	2°25	14°40	2°45	11°39	3°42	27°18	4°54	6°31	7°21	n.a.	T 9
F 10	10 44 9	13° 0'19	22°22	2°22	15°27	3° 8	14°50	2°51	11°38	3°43	27°19	4°47	6°28	7°28	n.a.	F 10
S 11	10 48 6	13°58'56	7♈ 2	3°14	16°41	3°51	14°59	2°57	11°37	3°45	27°20	4°42	6°25	7°34	n.a.	S 11
S 12	10 52 2	14°57'32	21°43	3°59	17°56	4°33	15° 9	3° 3	11°36	3°47	27°22	4°39	6°21	7°41	n.a.	S 12
M13	10 55 59	15°56'06	6♉19	4°39	19°10	5°16	15°19	3° 9	11°35	3°49	27°23	4°D38	6°18	7°48	n.a.	M13
T 14	10 59 55	16°54'37	20°46	5°12	20°24	5°58	15°29	3°15	11°34	3°51	27°24	4°39	6°15	7°54	n.a.	T 14
W15	11 3 52	17°53'06	5♊ 1	5°39	21°38	6°41	15°39	3°22	11°33	3°52	27°26	4°40	6°12	8° 1	n.a.	W15
T 16	11 7 48	18°51'33	19° 1	6° 0	22°52	7°23	15°49	3°28	11°32	3°54	27°27	4°R41	6° 9	8° 7	n.a.	T 16
F 17	11 11 45	19°49'57	2♋47	6°15	24° 6	8° 6	15°59	3°34	11°31	3°56	27°28	4°40	6° 6	8°14	n.a.	F 17
S 18	11 15 41	20°48'20	16°19	6°23	25°20	8°48	16° 9	3°41	11°30	3°58	27°30	4°37	6° 2	8°21	n.a.	S 18
S 19	11 19 38	21°46'40	29°36	6°R26	26°34	9°30	16°20	3°47	11°28	3°59	27°31	4°33	5°59	8°27	n.a.	S 19
M20	11 23 35	22°44'58	12♌41	6°23	27°48	10°13	16°30	3°54	11°27	4° 1	27°33	4°27	5°56	8°34	n.a.	M20
T 21	11 27 31	23°43'13	25°32	6°15	29° 2	10°55	16°41	4° 1	11°26	4° 3	27°34	4°20	5°53	8°41	n.a.	T 21
W22	11 31 28	24°41'27	8♍11	6° 1	0♈16	11°37	16°51	4° 7	11°24	4° 4	27°35	4°12	5°50	8°47	n.a.	W22
T 23	11 35 24	25°39'38	20°37	5°42	1°30	12°19	17° 2	4°14	11°23	4° 6	27°37	4° 6	5°46	8°54	n.a.	T 23
F 24	11 39 21	26°37'48	2♎52	5°19	2°44	13° 1	17°13	4°21	11°21	4° 7	27°38	4° 1	5°43	9° 1	n.a.	F 24
S 25	11 43 17	27°35'56	14°57	4°52	3°58	13°43	17°24	4°28	11°20	4° 9	27°39	3°57	5°40	9° 7	n.a.	S 25
S 26	11 47 14	28°34'02	26°53	4°21	5°12	14°25	17°35	4°35	11°18	4°10	27°41	3°56	5°37	9°14	n.a.	S 26
M27	11 51 10	29°32'06	8♏44	3°47	6°26	15° 7	17°46	4°42	11°17	4°12	27°42	3°D56	5°34	9°21	n.a.	M27
T 28	11 55 7	0♈30'09	20°31	3°12	7°40	15°49	17°57	4°49	11°15	4°13	27°44	3°57	5°31	9°27	n.a.	T 28
W29	11 59 3	1°28'11	2♐20	2°34	8°53	16°30	18° 8	4°56	11°13	4°15	27°45	3°58	5°27	9°34	n.a.	W29
T 30	12 3 0	2°26'10	14°14	1°56	10° 7	17°12	18°20	5° 3	11°12	4°16	27°46	4° 0	5°24	9°40	n.a.	T 30
F 31	12 6 57	3♈24'09	26♐18	1♈17	11♈21	17♈54	18♉31	5♉10	11♏10	4♒18	27♓48	4♉ 1	5♉21	9♏47	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	10s 7	20s39	1s38	2s41	1n14	11s21	1s23	1s40	0s22	15n39	0s28	10n30	1s57	15s17	0n18	20s17	0s39	16s17	16s34	13n34	14n 1	13s49			n.a.
T 2	9 45	24 10	2 36	1 51	1 26	10 53	1 23	1 22	0 21	15 42	0 28	10 32	1 57	15 17	0 18	20 17	0 39	16 16	16 34	13 34	14 0	13 52			n.a.
F 3	9 23	26 40	3 27	1 2	1 38	10 25	1 22	1 4	0 20	15 45	0 28	10 34	1 57	15 17	0 18	20 16	0 39	16 16	16 34	13 34	13 59	13 55			n.a.
S 4	9 1	27 57	4 11	0 15	1 49	9 56	1 22	0 46	0 20	15 48	0 28	10 36	1 56	15 16	0 18	20 16	0 39	16 15	16 34	13 33	13 58	13 58			n.a.
S 5	8 39	27 48	4 43	0n29	2 1	9 27	1 21	0 28	0 19	15 50	0 28	10 39	1 56	15 16	0 18	20 15	0 39	16 15	16 34	13 31	13 57	14 1			n.a.
M 6	8 16	26 8	5 2	1 11	2 11	8 58	1 20	0 10	0 18	15 53	0 27	10 41	1 56	15 16	0 18	20 15	0 39	16 14	16 34	13 29	13 56	14 4			n.a.
T 7	7 54	22 57	5 5	1 50	2 21	8 28	1 19	0n 8	0 18	15 56	0 27	10 43	1 56	15 16	0 18	20 15	0 39	16 13	16 33	13 26	13 55	14 7			n.a.
W 8	7 31	18 23	4 50	2 26	2 31	7 59	1 18	0 26	0 17	15 59	0 27	10 45	1 56	15 16	0 18	20 14	0 39	16 13	16 33	13 23	13 54	14 11			n.a.
T 9	7 9	12 42	4 17	3 0	2 39	7 29	1 18	0 44	0 16	16 2	0 27	10 47	1 55	15 15	0 18	20 14	0 39	16 12	16 33	13 20	13 53	14 14			n.a.
F 10	6 46	6 14	3 27	3 30	2 47	6 59	1 17	1 1	0 16	16 5	0 27	10 50	1 55	15 15	0 18	20 13	0 39	16 11	16 33	13 18	13 52	14 17			n.a.
S 11	6 23	0n38	2 23	3 58	2 54	6 29	1 16	1 19	0 15	16 8	0 27	10 52	1 55	15 15	0 18	20 13	0 39	16 11	16 33	13 16	13 51	14 20			n.a.
S 12	6 0	7 30	1 9	4 22	3 0	5 59	1 14	1 37	0 14	16 11	0 26	10 54	1 55	15 14	0 18	20 12	0 39	16 10	16 33	13 15	13 50	14 23			n.a.
M13	5 37	13 57	0n 9	4 42	3 6	5 28	1 13	1 55	0 14	16 14	0 26	10 57	1 54	15 14	0 18	20 12	0 39	16 9	16 33	13 15	13 48	14 26			n.a.
T 14	5 14	19 34	1 26	4 59	3 10	4 57	1 12	2 12	0 13	16 17	0 26	10 59	1 54	15 14	0 18	20 12	0 39	16 9	16 33	13 15	13 47	14 29			n.a.
W15	4 51	24 0	2 37	5 13	3 13	4 27	1 11	2 30	0 12	16 20	0 26	11 1	1 54	15 13	0 18	20 11	0 39	16 8	16 33	13 15	13 46	14 32			n.a.
T 16	4 28	26 54	3 37	5 23	3 14	3 56	1 9	2 47	0 12	16 23	0 26	11 4	1 54	15 13	0 18	20 11	0 39	16 8	16 33	13 15	13 45	14 35			n.a.
F 17	4 5	28 7	4 23	5 29	3 15	3 25	1 8	3 5	0 11	16 27	0 26	11 6	1 54	15 13	0 18	20 10	0 39	16 7	16 33	13 15	13 44	14 38			n.a.
S 18	3 42	27 37	4 54	5 32	3 14	2 54	1 7	3 22	0 11	16 30	0 25	11 8	1 53	15 12	0 18	20 10	0 39	16 6	16 32	13 14	13 43	14 41			n.a.
S 19	3 18	25 32	5 8	5 31	3 12	2 23	1 5	3 40	0 10	16 33	0 25	11 11	1 53	15 12	0 18	20 10	0 39	16 6	16 32	13 13	13 42	14 44			n.a.
M20	2 55	22 7	5 6	5 27	3 8	1 51	1 4	3 57	0 9	16 36	0 25	11 13	1 53	15 12	0 18	20 9	0 39	16 5	16 32	13 11	13 41	14 47			n.a.
T 21	2 32	17 42	4 49	5 19	3 3	1 20	1 2	4 15	0 9	16 39	0 25	11 16	1 53	15 11	0 18	20 9	0 39	16 5	16 32	13 8	13 40	14 50			n.a.
W22	2 8	12 35	4 17	5 7	2 57	0 49	1 0	4 32	0 8	16 43	0 25	11 18	1 53	15 11	0 18	20 9	0 39	16 4	16 32	13 6	13 39	14 53			n.a.
T 23	1 45	7 2	3 34	4 53	2 49	0 17	0 59	4 49	0 7	16 46	0 25	11 21	1 53	15 10	0 18	20 8	0 39	16 3	16 32	13 4	13 38	14 56			n.a.
F 24	1 21	1 18	2 41	4 35	2 40	0n14	0 57	5 6	0 7	16 49	0 24	11 23	1 52	15 10	0 18	20 8	0 39	16 3	16 32	13 2	13 37	14 59			n.a.
S 25	0 58	4s25	1 42	4 15	2 30	0 45	0 55	5 23	0 6	16 52	0 24	11 26	1 52	15 9	0 18	20 8	0 39	16 2	16 32	13 1	13 36	15 2			n.a.
S 26	0 35	9 55	0 38	3 52	2 19	1 17	0 53	5 41	0 5	16 56	0 24	11 28	1 52	15 9	0 18	20 7	0 40	16 2	16 32	13 0	13 35	15 5			n.a.
M27	0 11	15 1	0s26	3 27	2 6	1 48	0 52	5 58	0 5	16 59	0 24	11 31	1 52	15 8	0 18	20 7	0 40	16 1	16 32	13 0	13 34	15 8			n.a.
T 28	0n12	19 34	1 30	3 0	1 52	2 19	0 50	6 14	0 4	17 2	0 24	11 33	1 52	15 8	0 18	20 7	0 40	16 1	16 32	13 0	13 32	15 11			n.a.
W29	0 36	23 21	2 29	2 31	1 37	2 50	0 48	6 31	0 4	17 6	0 24	11 36	1 52	15 7	0 18	20 6	0 40	16 0	16 32	13 1	13 31	15 14			n.a.
T 30	0 59	26 11	3 23	2 2	1 22	3 22	0 46	6 48	0 3	17 9	0 23	11 38	1 51	15 7	0 18	20 6	0 40	16 0	16 32	13 2	13 30	15 17			n.a.
F 31	1n22	27s52	4s 9	1n31	1n 6	3n53	0s44	7n 5	0s 2	17n12	0s23	11n41	1s51	15s 6	0n18	20s 6	0s40	15s59	16s32	13n 2	13n29	15s20			n.a.

Julian Day Number = 1494662.5, Delta T = 05h11m50s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'52, Lahiri = -12°31'52 Julian Calendar 1 March 621 BCE == Greg. Calendar 23 Feb. 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

APRIL 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 10 53	4♈22'06	8♉38	0°R39	12♈35	18♈36	18♉42	5♉17	11°R 8	4♒19	27♓49	4°R 1	5♉18	9♏54	n.a.	S 1
S 2	12 14 50	5°20'01	21°17	0♈ 2	13°49	19°17	18°54	5°24	11♏ 6	4°20	27°51	4♉ 0	5°15	10° 0	n.a.	S 2
M 3	12 18 46	6°17'55	4♒20	29♓27	15° 2	19°59	19° 6	5°31	11° 5	4°22	27°52	3°58	5°11	10° 7	n.a.	M 3
T 4	12 22 43	7°15'48	17°49	28°55	16°16	20°40	19°17	5°39	11° 3	4°23	27°53	3°55	5° 8	10°14	n.a.	T 4
W 5	12 26 39	8°13'39	1♓45	28°25	17°30	21°22	19°29	5°46	11° 1	4°24	27°55	3°51	5° 5	10°20	n.a.	W 5
T 6	12 30 36	9°11'29	16° 6	27°58	18°44	22° 3	19°41	5°53	10°59	4°25	27°56	3°48	5° 2	10°27	n.a.	T 6
F 7	12 34 32	10° 9'17	0♈48	27°35	19°58	22°45	19°53	6° 1	10°57	4°27	27°57	3°45	4°59	10°34	n.a.	F 7
S 8	12 38 29	11° 7'04	15°43	27°16	21°11	23°26	20° 5	6° 8	10°55	4°28	27°59	3°43	4°56	10°40	n.a.	S 8
S 9	12 42 26	12° 4'50	0♉45	27° 1	22°25	24° 7	20°17	6°15	10°53	4°29	28° 0	3°D42	4°52	10°47	n.a.	S 9
M10	12 46 22	13° 2'33	15°43	26°50	23°39	24°49	20°29	6°23	10°51	4°30	28° 1	3°42	4°49	10°54	n.a.	M10
T 11	12 50 19	14° 0'16	0♊31	26°44	24°52	25°30	20°41	6°30	10°49	4°31	28° 3	3°43	4°46	11° 0	n.a.	T 11
W12	12 54 15	14°57'56	15° 3	26°D42	26° 6	26°11	20°53	6°38	10°46	4°32	28° 4	3°45	4°43	11° 7	n.a.	W12
T 13	12 58 12	15°55'35	29°14	26°45	27°20	26°52	21° 6	6°46	10°44	4°33	28° 5	3°46	4°40	11°14	n.a.	T 13
F 14	13 2 8	16°53'12	13♋ 5	26°53	28°33	27°34	21°18	6°53	10°42	4°34	28° 7	3°R46	4°37	11°20	n.a.	F 14
S 15	13 6 5	17°50'48	26°34	27° 5	29°47	28°15	21°30	7° 1	10°40	4°35	28° 8	3°46	4°33	11°27	n.a.	S 15
S 16	13 10 1	18°48'21	9♌43	27°22	1♉ 0	28°56	21°43	7° 8	10°38	4°36	28° 9	3°45	4°30	11°33	n.a.	S 16
M17	13 13 58	19°45'54	22°34	27°43	2°14	29°37	21°55	7°16	10°36	4°37	28°11	3°44	4°27	11°40	n.a.	M17
T 18	13 17 55	20°43'24	5♍ 9	28° 8	3°28	0♉18	22° 8	7°24	10°33	4°38	28°12	3°42	4°24	11°47	n.a.	T 18
W19	13 21 51	21°40'53	17°32	28°38	4°41	0°58	22°20	7°31	10°31	4°39	28°13	3°40	4°21	11°53	n.a.	W19
T 20	13 25 48	22°38'21	29°43	29°12	5°55	1°39	22°33	7°39	10°29	4°39	28°15	3°39	4°17	12° 0	n.a.	T 20
F 21	13 29 44	23°35'47	11♎45	29°49	7° 8	2°20	22°46	7°47	10°26	4°40	28°16	3°38	4°14	12° 7	n.a.	F 21
S 22	13 33 41	24°33'13	23°40	0♈31	8°22	3° 1	22°58	7°55	10°24	4°41	28°17	3°37	4°11	12°13	n.a.	S 22
S 23	13 37 37	25°30'37	5♏31	1°16	9°35	3°42	23°11	8° 2	10°22	4°42	28°18	3°D37	4° 8	12°20	n.a.	S 23
M24	13 41 34	26°28'00	17°19	2° 5	10°48	4°22	23°24	8°10	10°19	4°42	28°20	3°37	4° 5	12°27	n.a.	M24
T 25	13 45 30	27°25'22	29° 7	2°58	12° 2	5° 3	23°37	8°18	10°17	4°43	28°21	3°37	4° 2	12°33	n.a.	T 25
W26	13 49 27	28°22'43	10♐58	3°54	13°15	5°44	23°50	8°26	10°15	4°43	28°22	3°38	3°58	12°40	n.a.	W26
T 27	13 53 24	29°20'04	22°55	4°53	14°29	6°24	24° 3	8°34	10°12	4°44	28°23	3°39	3°55	12°47	n.a.	T 27
F 28	13 57 20	0♉17'23	5♑ 1	5°56	15°42	7° 5	24°16	8°41	10°10	4°45	28°25	3°39	3°52	12°53	n.a.	F 28
S 29	14 1 17	1°14'42	17°21	7° 1	16°55	7°45	24°29	8°49	10° 7	4°45	28°26	3°39	3°49	13° 0	n.a.	S 29
S 30	14 5 13	2♉12'00	29♑59	8♈10	18♉ 9	8♉26	24♉42	8♉57	10♏ 5	4♒46	28♓27	3°R39	3♉46	13♏ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1n46	28s12	4s44	1n 1	0n49	4n24	0s42	7n22	0s 2	17n16	0s23	11n43	1s51	15s 6	0n18	20s 5	0s40	15s58	16s32	13n 2	13n28	15s23		n.a.	
S 2	2 9	27 6	5 6	0 31	0 33	4 55	0 40	7 38	0 1	17 19	0 23	11 46	1 51	15 5	0 18	20 5	0 40	15 58	16 32	13 2	13 27	15 26		n.a.	
M 3	2 32	24 31	5 14	0 1	0 16	5 26	0 38	7 55	0 0	17 22	0 23	11 48	1 51	15 4	0 18	20 5	0 40	15 57	16 32	13 1	13 26	15 28		n.a.	
T 4	2 55	20 32	5 5	0s27	0s 1	5 57	0 35	8 11	0n 0	17 26	0 23	11 51	1 51	15 4	0 18	20 5	0 40	15 57	16 32	13 0	13 25	15 31		n.a.	
W 5	3 18	15 19	4 38	0 55	0 18	6 27	0 33	8 27	0 1	17 29	0 23	11 54	1 50	15 3	0 18	20 4	0 40	15 56	16 32	12 59	13 24	15 34		n.a.	
T 6	3 42	9 7	3 53	1 20	0 34	6 58	0 31	8 44	0 1	17 32	0 22	11 56	1 50	15 3	0 18	20 4	0 40	15 56	16 32	12 57	13 23	15 37		n.a.	
F 7	4 5	2 18	2 51	1 44	0 50	7 28	0 29	9 0	0 2	17 36	0 22	11 59	1 50	15 2	0 18	20 4	0 40	15 55	16 32	12 56	13 22	15 40		n.a.	
S 8	4 27	4n46	1 38	2 6	1 5	7 58	0 26	9 16	0 3	17 39	0 22	12 1	1 50	15 1	0 18	20 3	0 40	15 55	16 33	12 56	13 21	15 43		n.a.	
S 9	4 50	11 38	0 16	2 25	1 20	8 28	0 24	9 32	0 3	17 43	0 22	12 4	1 50	15 1	0 18	20 3	0 40	15 54	16 33	12 55	13 20	15 46		n.a.	
M10	5 13	17 49	1n 6	2 42	1 34	8 58	0 22	9 48	0 4	17 46	0 22	12 7	1 50	15 0	0 18	20 3	0 40	15 54	16 33	12 56	13 18	15 49		n.a.	
T 11	5 36	22 52	2 23	2 57	1 47	9 28	0 20	10 4	0 4	17 49	0 22	12 9	1 50	14 59	0 18	20 3	0 40	15 53	16 33	12 56	13 17	15 52		n.a.	
W12	5 59	26 23	3 29	3 9	1 59	9 57	0 17	10 20	0 5	17 53	0 22	12 12	1 50	14 59	0 18	20 3	0 40	15 53	16 33	12 56	13 16	15 55		n.a.	
T 13	6 21	28 7	4 21	3 18	2 10	10 26	0 15	10 35	0 6	17 56	0 21	12 14	1 49	14 58	0 18	20 2	0 40	15 52	16 33	12 57	13 15	15 58		n.a.	
F 14	6 43	28 2	4 56	3 24	2 21	10 55	0 12	10 51	0 6	18 0	0 21	12 17	1 49	14 57	0 18	20 2	0 40	15 52	16 33	12 57	13 14	16 1		n.a.	
S 15	7 6	26 16	5 14	3 28	2 30	11 24	0 10	11 6	0 7	18 3	0 21	12 20	1 49	14 57	0 18	20 2	0 40	15 52	16 33	12 57	13 13	16 4		n.a.	
S 16	7 28	23 6	5 15	3 29	2 39	11 52	0 8	11 22	0 7	18 6	0 21	12 22	1 49	14 56	0 18	20 2	0 40	15 51	16 33	12 57	13 12	16 7		n.a.	
M17	7 50	18 53	4 59	3 28	2 47	12 20	0 5	11 37	0 8	18 10	0 21	12 25	1 49	14 55	0 18	20 2	0 40	15 51	16 33	12 56	13 11	16 10		n.a.	
T 18	8 12	13 55	4 30	3 24	2 54	12 48	0 3	11 52	0 9	18 13	0 21	12 27	1 49	14 55	0 18	20 1	0 40	15 50	16 33	12 55	13 10	16 13		n.a.	
W19	8 34	8 29	3 49	3 17	2 59	13 15	0 0	12 7	0 9	18 17	0 21	12 30	1 49	14 54	0 18	20 1	0 40	15 50	16 34	12 55	13 9	16 15		n.a.	
T 20	8 56	2 49	2 57	3 8	3 4	13 43	0n 2	12 22	0 10	18 20	0 20	12 33	1 49	14 53	0 18	20 1	0 40	15 49	16 34	12 54	13 8	16 18		n.a.	
F 21	9 17	2s54	1 58	2 57	3 8	14 9	0 5	12 37	0 10	18 23	0 20	12 35	1 48	14 52	0 18	20 1	0 40	15 49	16 34	12 54	13 7	16 21		n.a.	
S 22	9 39	8 28	0 55	2 43	3 12	14 36	0 7	12 52	0 11	18 27	0 20	12 38	1 48	14 52	0 18	20 1	0 40	15 49	16 34	12 54	13 5	16 24		n.a.	
S 23	10 0	13 43	0s11	2 27	3 14	15 2	0 10	13 6	0 12	18 30	0 20	12 41	1 48	14 51	0 18	20 1	0 40	15 48	16 34	12 54	13 4	16 27		n.a.	
M24	10 21	18 26	1 15	2 8	3 16	15 28	0 12	13 21	0 12	18 34	0 20	12 43	1 48	14 50	0 18	20 0	0 40	15 48	16 34	12 54	13 3	16 30		n.a.	
T 25	10 42	22 28	2 17	1 48	3 16	15 53	0 15	13 35	0 13	18 37	0 20	12 46	1 48	14 49	0 18	20 0	0 40	15 48	16 34	12 54	13 2	16 33		n.a.	
W26	11 3	25 35	3 13	1 25	3 16	16 18	0 17	13 49	0 13	18 40	0 20	12 48	1 48	14 49	0 18	20 0	0 41	15 47	16 34	12 54	13 1	16 36		n.a.	
T 27	11 23	27 35	4 1	1 1	3 15	16 43	0 20	14 4	0 14	18 44	0 20	12 51	1 48	14 48	0 18	20 0	0 41	15 47	16 35	12 54	13 0	16 39		n.a.	
F 28	11 44	28 19	4 39	0 34	3 14	17 7	0 22	14 18	0 14	18 47	0 19	12 54	1 48	14 47	0 18	20 0	0 41	15 47	16 35	12 54	12 59	16 42		n.a.	
S 29	12 4	27 40	5 5	0 6	3 12	17 31	0 24	14 32	0 15	18 50	0 19	12 56	1 48	14 46	0 18	20 0	0 41	15 46	16 35	12 54	12 58	16 44		n.a.	
S 30	12n24	25s35	5s17	0n24	3s 9	17n54	0n27	14n45	0n16	18n54	0s19	12n59	1s48	14s46	0n18	20s 0	0s41	15s46	16s35	12n54	12n57	16s47		n.a.	

Julian Day Number = 1494693.5, Delta T = 05h11m48s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'48, Lahiri = -12°31'47 Julian Calendar 1 Apr. 621 BCE == Greg. Calendar 25 March 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

MAY 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 9 10	3♉ 9'18	12♒58	9♈22	19♉22	9♉ 6	24♉55	9♉ 5	10°R 2	4♒46	28♓28	3°D39	3♉43	13♏13	n.a.	M 1
T 2	14 13 6	4° 6'35	26°21	10°38	20°35	9°47	25° 8	9°13	10♏ 0	4°47	28°29	3♉39	3°39	13°20	n.a.	T 2
W 3	14 17 3	5° 3'51	10♓10	11°56	21°49	10°27	25°21	9°21	9°58	4°47	28°30	3°39	3°36	13°26	n.a.	W 3
T 4	14 20 59	6° 1'07	24°26	13°17	23° 2	11° 7	25°34	9°29	9°55	4°47	28°32	3°40	3°33	13°33	n.a.	T 4
F 5	14 24 56	6°58'22	9♈ 5	14°40	24°15	11°48	25°47	9°36	9°53	4°48	28°33	3°40	3°30	13°40	n.a.	F 5
S 6	14 28 53	7°55'37	24° 2	16° 7	25°29	12°28	26° 1	9°44	9°50	4°48	28°34	3°40	3°27	13°46	n.a.	S 6
S 7	14 32 49	8°52'51	9♉11	17°37	26°42	13° 8	26°14	9°52	9°48	4°48	28°35	3°R40	3°23	13°53	n.a.	S 7
M 8	14 36 46	9°50'04	24°21	19° 9	27°55	13°48	26°27	10° 0	9°45	4°48	28°36	3°40	3°20	14° 0	n.a.	M 8
T 9	14 40 42	10°47'17	9♊25	20°44	29° 8	14°28	26°40	10° 8	9°43	4°49	28°37	3°39	3°17	14° 6	n.a.	T 9
W10	14 44 39	11°44'29	24°12	22°22	0♊22	15° 9	26°54	10°16	9°40	4°49	28°38	3°38	3°14	14°13	n.a.	W10
T 11	14 48 35	12°41'41	8♋38	24° 3	1°35	15°49	27° 7	10°24	9°38	4°49	28°39	3°37	3°11	14°20	n.a.	T 11
F 12	14 52 32	13°38'51	22°38	25°46	2°48	16°29	27°21	10°32	9°35	4°49	28°40	3°37	3° 8	14°26	n.a.	F 12
S 13	14 56 28	14°36'01	6♌12	27°32	4° 1	17° 9	27°34	10°40	9°33	4°49	28°41	3°36	3° 4	14°33	n.a.	S 13
S 14	15 0 25	15°33'09	19°21	29°21	5°14	17°49	27°47	10°48	9°30	4°R49	28°42	3°D36	3° 1	14°40	n.a.	S 14
M15	15 4 22	16°30'17	2♍ 8	1♉12	6°28	18°29	28° 1	10°55	9°28	4°49	28°43	3°36	2°58	14°46	n.a.	M15
T 16	15 8 18	17°27'25	14°35	3° 6	7°41	19° 9	28°14	11° 3	9°25	4°49	28°44	3°37	2°55	14°53	n.a.	T 16
W17	15 12 15	18°24'31	26°48	5° 2	8°54	19°48	28°28	11°11	9°23	4°49	28°45	3°38	2°52	15° 0	n.a.	W17
T 18	15 16 11	19°21'37	8♎49	7° 1	10° 7	20°28	28°41	11°19	9°21	4°49	28°46	3°40	2°48	15° 6	n.a.	T 18
F 19	15 20 8	20°18'43	20°43	9° 1	11°20	21° 8	28°55	11°27	9°18	4°49	28°47	3°41	2°45	15°13	n.a.	F 19
S 20	15 24 4	21°15'48	2♏32	11° 4	12°33	21°48	29° 8	11°35	9°16	4°49	28°48	3°R41	2°42	15°19	n.a.	S 20
S 21	15 28 1	22°12'53	14°20	13° 9	13°46	22°28	29°22	11°43	9°13	4°48	28°49	3°41	2°39	15°26	n.a.	S 21
M22	15 31 58	23° 9'58	26° 9	15°15	14°59	23° 7	29°35	11°50	9°11	4°48	28°50	3°40	2°36	15°33	n.a.	M22
T 23	15 35 54	24° 7'03	8♐ 0	17°22	16°12	23°47	29°49	11°58	9° 9	4°48	28°51	3°37	2°33	15°39	n.a.	T 23
W24	15 39 51	25° 4'07	19°57	19°31	17°25	24°26	0♊ 2	12° 6	9° 6	4°48	28°52	3°34	2°29	15°46	n.a.	W24
T 25	15 43 47	26° 1'12	2♑ 1	21°41	18°38	25° 6	0°16	12°14	9° 4	4°47	28°52	3°31	2°26	15°53	n.a.	T 25
F 26	15 47 44	26°58'16	14°15	23°51	19°51	25°46	0°29	12°21	9° 2	4°47	28°53	3°27	2°23	15°59	n.a.	F 26
S 27	15 51 40	27°55'21	26°41	26° 2	21° 4	26°25	0°43	12°29	8°59	4°46	28°54	3°24	2°20	16° 6	n.a.	S 27
S 28	15 55 37	28°52'26	9♒21	28°12	22°16	27° 5	0°56	12°37	8°57	4°46	28°55	3°22	2°17	16°13	n.a.	S 28
M29	15 59 33	29°49'31	22°19	0♊22	23°29	27°44	1°10	12°44	8°55	4°46	28°56	3°20	2°14	16°19	n.a.	M29
T 30	16 3 30	0♊46'37	5♓37	2°32	24°42	28°24	1°24	12°52	8°53	4°45	28°56	3°D20	2°10	16°26	n.a.	T 30
W31	16 7 27	1♊43'43	19♓18	4♊41	25♊55	29♉ 3	1♊37	13♉ 0	8♏50	4♒45	28♓57	3♉21	2♉ 7	16♏33	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	12n44	22s 9	5s14	0n56	3s 5	18n17	0n29	14n59	0n16	18n57	0s19	13n 2	1s48	14s45	0n18	20s 0	0s41	15s46	16s35	12n54	12n56	16s50			n.a.
T 2	13 4	17 29	4 53	1 30	3 1	18 39	0 32	15 13	0 17	19 0	0 19	13 4	1 47	14 44	0 18	20 0	0 41	15 45	16 35	12 54	12 55	16 53			n.a.
W 3	13 23	11 47	4 16	2 5	2 56	19 1	0 34	15 26	0 17	19 4	0 19	13 7	1 47	14 43	0 18	20 0	0 41	15 45	16 36	12 55	12 53	16 56			n.a.
T 4	13 43	5 19	3 21	2 42	2 50	19 23	0 37	15 39	0 18	19 7	0 19	13 9	1 47	14 43	0 18	20 0	0 41	15 45	16 36	12 55	12 52	16 59			n.a.
F 5	14 2	1n37	2 12	3 21	2 44	19 44	0 39	15 53	0 18	19 10	0 19	13 12	1 47	14 42	0 18	19 59	0 41	15 44	16 36	12 55	12 51	17 2			n.a.
S 6	14 21	8 38	0 53	4 1	2 37	20 4	0 41	16 6	0 19	19 14	0 18	13 14	1 47	14 41	0 18	19 59	0 41	15 44	16 36	12 55	12 50	17 4			n.a.
S 7	14 39	15 14	0n31	4 42	2 30	20 24	0 44	16 19	0 20	19 17	0 18	13 17	1 47	14 40	0 18	19 59	0 41	15 44	16 36	12 55	12 49	17 7			n.a.
M 8	14 58	20 56	1 52	5 25	2 22	20 43	0 46	16 31	0 20	19 20	0 18	13 20	1 47	14 39	0 18	19 59	0 41	15 44	16 37	12 55	12 48	17 10			n.a.
T 9	15 16	25 14	3 6	6 8	2 14	21 2	0 48	16 44	0 21	19 23	0 18	13 22	1 47	14 39	0 18	19 59	0 41	15 43	16 37	12 54	12 47	17 13			n.a.
W10	15 34	27 44	4 5	6 53	2 5	21 20	0 51	16 56	0 21	19 27	0 18	13 25	1 47	14 38	0 18	19 59	0 41	15 43	16 37	12 54	12 46	17 16			n.a.
T 11	15 52	28 16	4 48	7 40	1 56	21 37	0 53	17 9	0 22	19 30	0 18	13 27	1 47	14 37	0 18	19 59	0 41	15 43	16 37	12 54	12 45	17 19			n.a.
F 12	16 9	26 57	5 11	8 27	1 46	21 54	0 55	17 21	0 22	19 33	0 18	13 30	1 47	14 36	0 18	19 59	0 41	15 43	16 38	12 54	12 44	17 21			n.a.
S 13	16 27	24 5	5 17	9 15	1 36	22 11	0 57	17 33	0 23	19 36	0 18	13 32	1 47	14 35	0 18	19 59	0 41	15 43	16 38	12 53	12 42	17 24			n.a.
S 14	16 43	20 2	5 5	10 3	1 26	22 27	0 59	17 45	0 23	19 39	0 18	13 35	1 47	14 35	0 18	19 59	0 41	15 42	16 38	12 53	12 41	17 27			n.a.
M15	17 0	15 11	4 39	10 52	1 16	22 42	1 1	17 57	0 24	19 43	0 17	13 37	1 47	14 34	0 18	19 59	0 41	15 42	16 38	12 53	12 40	17 30			n.a.
T 16	17 17	9 49	4 0	11 42	1 5	22 56	1 3	18 9	0 24	19 46	0 17	13 40	1 47	14 33	0 18	20 0	0 41	15 42	16 38	12 54	12 39	17 33			n.a.
W17	17 33	4 12	3 10	12 32	0 54	23 10	1 5	18 20	0 25	19 49	0 17	13 42	1 47	14 32	0 18	20 0	0 41	15 42	16 39	12 54	12 38	17 36			n.a.
T 18	17 49	1s30	2 13	13 22	0 43	23 23	1 7	18 31	0 26	19 52	0 17	13 45	1 47	14 32	0 18	20 0	0 41	15 42	16 39	12 55	12 37	17 38			n.a.
F 19	18 4	7 6	1 11	14 12	0 31	23 36	1 9	18 43	0 26	19 55	0 17	13 47	1 47	14 31	0 18	20 0	0 41	15 41	16 39	12 55	12 36	17 41			n.a.
S 20	18 20	12 25	0 6	15 2	0 20	23 48	1 11	18 54	0 27	19 58	0 17	13 50	1 47	14 30	0 18	20 0	0 41	15 41	16 39	12 55	12 35	17 44			n.a.
S 21	18 35	17 18	0s59	15 51	0 9	23 59	1 13	19 5	0 27	20 1	0 17	13 52	1 47	14 29	0 18	20 0	0 41	15 41	16 40	12 55	12 34	17 47			n.a.
M22	18 49	21 31	2 1	16 40	0n 2	24 9	1 15	19 15	0 28	20 4	0 17	13 55	1 46	14 29	0 18	20 0	0 41	15 41	16 40	12 55	12 33	17 50			n.a.
T 23	19 4	24 53	2 58	17 27	0 13	24 19	1 17	19 26	0 28	20 7	0 17	13 57	1 46	14 28	0 18	20 0	0 41	15 41	16 40	12 54	12 31	17 52			n.a.
W24	19 18	27 11	3 48	18 13	0 23	24 28	1 18	19 36	0 29	20 10	0 16	13 59	1 46	14 27	0 18	20 0	0 41	15 41	16 41	12 53	12 30	17 55			n.a.
T 25	19 32	28 14	4 28	18 58	0 33	24 37	1 20	19 47	0 29	20 13	0 16	14 2	1 46	14 26	0 18	20 0	0 42	15 41	16 41	12 52	12 29	17 58			n.a.
F 26	19 45	27 55	4 57	19 41	0 43	24 44	1 22	19 57	0 30	20 16	0 16	14 4	1 46	14 26	0 18	20 0	0 42	15 41	16 41	12 50	12 28	18 1			n.a.
S 27	19 58	26 13	5 12	20 22	0 52	24 51	1 23	20 7	0 30	20 19	0 16	14 7	1 46	14 25	0 18	20 0	0 42	15 41	16 41	12 49	12 27	18 4			n.a.
S 28	20 11	23 10	5 12	21 2	1 1	24 57	1 25	20 17	0 31	20 22	0 16	14 9	1 46	14 24	0 18	20 1	0 42	15 41	16 42	12 48	12 26	18 6			n.a.
M29	20 24	18 56	4 57	21 38	1 9	25 3	1 26	20 26	0 31	20 25	0 16	14 11	1 46	14 23	0 18	20 1	0 42	15 41	16 42	12 48	12 25	18 9			n.a.
T 30	20 36	13 41	4 26	22 13	1 17	25 7	1 28	20 36	0 32	20 28	0 16	14 14	1 46	14 23	0 18	20 1	0 42	15 40	16 42	12 48	12 24	18 12			n.a.
W31	20n48	7s38	3s39	22n44	1n24	25n11	1n29	20n45	0n32	20n31	0s16	14n16	1s46	14s22	0n18	20s 1	0s42	15s40	16s42	12n48	12n23	18s15			n.a.

Julian Day Number = 1494723.5, Delta T = 05h11m47s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'44, Lahiri = -12°31'43 Julian Calendar 1 May 621 BCE == Greg. Calendar 24 Apr. 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

JUNE 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 11 23	2♊40'49	3♈21	6♊50	27♊ 8	29♉42	1♊51	13♉ 7	8°R48	4°R44	28♓58	3♉23	2♉ 4	16♏39	n.a.	T 1
F 2	16 15 20	3°37'56	17°48	8°57	28°21	0♊22	2° 4	13°15	8♏46	4♒44	28°58	3°24	2° 1	16°46	n.a.	F 2
S 3	16 19 16	4°35'03	2♉34	11° 2	29°33	1° 1	2°18	13°23	8°44	4°43	28°59	3°R24	1°58	16°53	n.a.	S 3
S 4	16 23 13	5°32'11	17°35	13° 7	0♋46	1°40	2°31	13°30	8°42	4°42	29° 0	3°24	1°54	16°59	n.a.	S 4
M 5	16 27 9	6°29'19	2♊43	15° 9	1°59	2°20	2°45	13°38	8°40	4°42	29° 0	3°22	1°51	17° 6	n.a.	M 5
T 6	16 31 6	7°26'27	17°49	17°11	3°12	2°59	2°58	13°45	8°38	4°41	29° 1	3°18	1°48	17°13	n.a.	T 6
W 7	16 35 3	8°23'36	2♋43	19°10	4°24	3°38	3°12	13°53	8°36	4°40	29° 2	3°13	1°45	17°19	n.a.	W 7
T 8	16 38 59	9°20'45	17°17	21° 8	5°37	4°17	3°25	14° 0	8°34	4°40	29° 2	3° 8	1°42	17°26	n.a.	T 8
F 9	16 42 56	10°17'54	1♌25	23° 4	6°50	4°57	3°39	14° 7	8°32	4°39	29° 3	3° 3	1°39	17°32	n.a.	F 9
S 10	16 46 52	11°15'04	15° 6	24°58	8° 2	5°36	3°52	14°15	8°30	4°38	29° 3	2°59	1°35	17°39	n.a.	S 10
S 11	16 50 49	12°12'13	28°19	26°50	9°15	6°15	4° 6	14°22	8°28	4°37	29° 4	2°57	1°32	17°46	n.a.	S 11
M12	16 54 45	13° 9'23	11♍ 7	28°41	10°28	6°54	4°19	14°29	8°26	4°36	29° 4	2°D56	1°29	17°52	n.a.	M12
T 13	16 58 42	14° 6'33	23°33	0♋29	11°40	7°33	4°33	14°37	8°24	4°35	29° 5	2°56	1°26	17°59	n.a.	T 13
W14	17 2 38	15° 3'43	5♎42	2°16	12°53	8°12	4°46	14°44	8°22	4°34	29° 5	2°57	1°23	18° 6	n.a.	W14
T 15	17 6 35	16° 0'53	17°39	4° 1	14° 5	8°51	5° 0	14°51	8°20	4°34	29° 6	2°59	1°20	18°12	n.a.	T 15
F 16	17 10 32	16°58'04	29°29	5°44	15°18	9°30	5°13	14°58	8°19	4°33	29° 6	3°R 0	1°16	18°19	n.a.	F 16
S 17	17 14 28	17°55'16	11♏17	7°26	16°30	10° 9	5°26	15° 5	8°17	4°32	29° 7	2°59	1°13	18°26	n.a.	S 17
S 18	17 18 25	18°52'28	23° 5	9° 5	17°43	10°48	5°40	15°12	8°15	4°31	29° 7	2°57	1°10	18°32	n.a.	S 18
M19	17 22 21	19°49'41	4♐57	10°43	18°55	11°27	5°53	15°19	8°14	4°30	29° 7	2°53	1° 7	18°39	n.a.	M19
T 20	17 26 18	20°46'54	16°55	12°18	20° 7	12° 6	6° 6	15°26	8°12	4°29	29° 8	2°47	1° 4	18°46	n.a.	T 20
W21	17 30 14	21°44'08	29° 2	13°52	21°20	12°44	6°20	15°33	8°10	4°27	29° 8	2°39	1° 0	18°52	n.a.	W21
T 22	17 34 11	22°41'23	11♑19	15°24	22°32	13°23	6°33	15°40	8° 9	4°26	29° 8	2°30	0°57	18°59	n.a.	T 22
F 23	17 38 7	23°38'39	23°45	16°55	23°44	14° 2	6°46	15°47	8° 7	4°25	29° 9	2°21	0°54	19° 6	n.a.	F 23
S 24	17 42 4	24°35'56	6♒24	18°23	24°57	14°41	6°59	15°54	8° 6	4°24	29° 9	2°13	0°51	19°12	n.a.	S 24
S 25	17 46 1	25°33'14	19°15	19°49	26° 9	15°20	7°13	16° 0	8° 5	4°23	29° 9	2° 6	0°48	19°19	n.a.	S 25
M26	17 49 57	26°30'34	2♓19	21°14	27°21	15°58	7°26	16° 7	8° 3	4°22	29° 9	2° 1	0°45	19°26	n.a.	M26
T 27	17 53 54	27°27'54	15°39	22°37	28°33	16°37	7°39	16°14	8° 2	4°20	29°10	1°59	0°41	19°32	n.a.	T 27
W28	17 57 50	28°25'16	29°15	23°57	29°45	17°16	7°52	16°20	8° 1	4°19	29°10	1°D58	0°38	19°39	n.a.	W28
T 29	18 1 47	29°22'39	13♈ 9	25°16	0♌57	17°54	8° 5	16°27	7°59	4°18	29°10	1°59	0°35	19°46	n.a.	T 29
F 30	18 5 43	0♋20'03	27♈21	26♋33	2♌ 9	18♊33	8♊18	16♉33	7♏58	4♒17	29♓10	1°R59	0♉32	19♏52	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n59	1s 3	2s37	23n14	1n30	25n15	1n30	20n54	0n33	20n34	0s16	14n18	1s46	14s21	0n18	20s 1	0s42	15s40	16s43	12n49	12n21	18s17		n.a.
F 2	21 10	5n47	1 25	23 40	1 35	25 17	1 32	21 3	0 33	20 37	0 15	14 21	1 46	14 21	0 17	20 1	0 42	15 40	16 43	12 49	12 20	18 20		n.a.
S 3	21 21	12 28	0 5	24 4	1 40	25 19	1 33	21 12	0 34	20 40	0 15	14 23	1 46	14 20	0 17	20 2	0 42	15 40	16 43	12 49	12 19	18 23		n.a.
S 4	21 32	18 33	1n17	24 25	1 45	25 20	1 34	21 21	0 34	20 42	0 15	14 25	1 46	14 19	0 17	20 2	0 42	15 40	16 44	12 49	12 18	18 26		n.a.
M 5	21 42	23 30	2 33	24 43	1 48	25 20	1 35	21 29	0 35	20 45	0 15	14 28	1 46	14 19	0 17	20 2	0 42	15 40	16 44	12 48	12 17	18 28		n.a.
T 6	21 51	26 50	3 39	24 59	1 51	25 20	1 36	21 37	0 35	20 48	0 15	14 30	1 46	14 18	0 17	20 2	0 42	15 40	16 44	12 47	12 16	18 31		n.a.
W 7	22 1	28 13	4 29	25 12	1 53	25 18	1 37	21 46	0 36	20 51	0 15	14 32	1 46	14 17	0 17	20 2	0 42	15 41	16 45	12 46	12 15	18 34		n.a.
T 8	22 10	27 35	5 0	25 22	1 54	25 16	1 37	21 54	0 36	20 53	0 15	14 34	1 46	14 17	0 17	20 3	0 42	15 41	16 45	12 44	12 14	18 37		n.a.
F 9	22 18	25 10	5 11	25 30	1 55	25 14	1 38	22 1	0 37	20 56	0 15	14 36	1 46	14 16	0 17	20 3	0 42	15 41	16 45	12 42	12 13	18 39		n.a.
S 10	22 26	21 22	5 4	25 35	1 55	25 10	1 39	22 9	0 37	20 59	0 15	14 39	1 46	14 15	0 17	20 3	0 42	15 41	16 45	12 41	12 11	18 42		n.a.
S 11	22 34	16 37	4 41	25 39	1 55	25 6	1 40	22 16	0 38	21 1	0 15	14 41	1 46	14 15	0 17	20 3	0 42	15 41	16 46	12 40	12 10	18 45		n.a.
M12	22 42	11 16	4 5	25 39	1 53	25 1	1 40	22 24	0 38	21 4	0 14	14 43	1 46	14 14	0 17	20 3	0 42	15 41	16 46	12 39	12 9	18 47		n.a.
T 13	22 49	5 37	3 18	25 38	1 52	24 55	1 41	22 31	0 39	21 7	0 14	14 45	1 46	14 14	0 17	20 4	0 42	15 41	16 46	12 40	12 8	18 50		n.a.
W14	22 55	0s 7	2 23	25 34	1 49	24 49	1 41	22 38	0 39	21 9	0 14	14 47	1 47	14 13	0 17	20 4	0 42	15 41	16 47	12 40	12 7	18 53		n.a.
T 15	23 2	5 45	1 22	25 29	1 46	24 42	1 41	22 44	0 40	21 12	0 14	14 49	1 47	14 12	0 17	20 4	0 42	15 41	16 47	12 41	12 6	18 56		n.a.
F 16	23 7	11 9	0 19	25 22	1 43	24 34	1 42	22 51	0 40	21 14	0 14	14 51	1 47	14 12	0 17	20 5	0 42	15 41	16 47	12 41	12 5	18 58		n.a.
S 17	23 13	16 8	0s45	25 13	1 39	24 25	1 42	22 57	0 41	21 17	0 14	14 53	1 47	14 11	0 17	20 5	0 42	15 41	16 48	12 41	12 4	19 1		n.a.
S 18	23 18	20 31	1 47	25 2	1 35	24 16	1 42	23 3	0 41	21 19	0 14	14 55	1 47	14 11	0 17	20 5	0 42	15 42	16 48	12 40	12 2	19 4		n.a.
M19	23 23	24 6	2 44	24 49	1 30	24 6	1 42	23 9	0 42	21 22	0 14	14 57	1 47	14 10	0 17	20 5	0 42	15 42	16 48	12 39	12 1	19 6		n.a.
T 20	23 27	26 41	3 34	24 36	1 24	23 55	1 42	23 15	0 42	21 24	0 14	14 59	1 47	14 10	0 17	20 6	0 42	15 42	16 49	12 36	12 0	19 9		n.a.
W21	23 31	28 2	4 16	24 20	1 19	23 44	1 42	23 21	0 43	21 27	0 14	15 1	1 47	14 9	0 17	20 6	0 42	15 42	16 49	12 34	11 59	19 12		n.a.
T 22	23 34	28 2	4 46	24 4	1 12	23 32	1 41	23 26	0 43	21 29	0 13	15 3	1 47	14 9	0 17	20 6	0 42	15 42	16 49	12 31	11 58	19 14		n.a.
F 23	23 37	26 37	5 3	23 46	1 6	23 19	1 41	23 31	0 44	21 31	0 13	15 5	1 47	14 8	0 17	20 6	0 42	15 42	16 50	12 27	11 57	19 17		n.a.
S 24	23 40	23 51	5 5	23 27	0 59	23 5	1 41	23 37	0 44	21 34	0 13	15 7	1 47	14 8	0 17	20 7	0 42	15 43	16 50	12 25	11 56	19 20		n.a.
S 25	23 42	19 53	4 53	23 8	0 51	22 51	1 40	23 41	0 45	21 36	0 13	15 9	1 47	14 8	0 17	20 7	0 42	15 43	16 50	12 22	11 55	19 22		n.a.
M26	23 43	14 54	4 25	22 47	0 43	22 37	1 40	23 46	0 45	21 38	0 13	15 11	1 47	14 7	0 17	20 7	0 43	15 43	16 51	12 20	11 54	19 25		n.a.
T 27	23 45	9 8	3 42	22 25	0 35	22 21	1 39	23 51	0 46	21 41	0 13	15 13	1 47	14 7	0 17	20 8	0 43	15 43	16 51	12 20	11 52	19 28		n.a.
W28	23 46	2 50	2 46	22 3	0 27	22 5	1 38	23 55	0 46	21 43	0 13	15 15	1 47	14 6	0 17	20 8	0 43	15 43	16 51	12 19	11 51	19 30		n.a.
T 29	23 46	3n44	1 39	21 40	0 18	21 49	1 38	23 59	0 46	21 45	0 13	15 17	1 47	14 6	0 17	20 8	0 43	15 44	16 52	12 20	11 50	19 33		n.a.
F 30	23n46	10n17	0s25	21n17	0n 9	21n31	1n37	24n 3	0n47	21n47	0s13	15n18	1s47	14s 6	0n17	20s 9	0s43	15s44	16s52	12n20	11n49	19s36		n.a.

Julian Day Number = 1494754.5, Delta T = 05h11m45s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'39, Lahiri = -12°31'39 Julian Calendar 1 June 621 BCE == Greg. Calendar 25 May 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

JULY 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 9 40	1♋17'29	11♉50	27♋47	3♌22	19♊12	8♊31	16♉40	7°R57	4°R15	29♓10	1°R59	0♉29	19♏59	n.a.	S 1
S 2	18 13 37	2°14'56	26°33	28°59	4°34	19°50	8°44	16°46	7♏56	4♒14	29°10	1♉57	0°26	20° 6	n.a.	S 2
M 3	18 17 33	3°12'25	11♊24	0♌ 9	5°46	20°29	8°57	16°52	7°55	4°13	29°10	1°52	0°22	20°12	n.a.	M 3
T 4	18 21 30	4° 9'55	26°17	1°17	6°57	21° 7	9°10	16°59	7°54	4°11	29°10	1°45	0°19	20°19	n.a.	T 4
W 5	18 25 26	5° 7'26	11♋ 3	2°22	8° 9	21°46	9°23	17° 5	7°53	4°10	29°10	1°36	0°16	20°25	n.a.	W 5
T 6	18 29 23	6° 4'59	25°34	3°25	9°21	22°24	9°35	17°11	7°52	4° 9	29°R11	1°26	0°13	20°32	n.a.	T 6
F 7	18 33 19	7° 2'32	9♌42	4°25	10°33	23° 3	9°48	17°17	7°51	4° 7	29°11	1°17	0°10	20°39	n.a.	F 7
S 8	18 37 16	8° 0'07	23°25	5°22	11°45	23°41	10° 1	17°23	7°50	4° 6	29°10	1° 8	0° 6	20°45	n.a.	S 8
S 9	18 41 12	8°57'43	6♍40	6°17	12°57	24°20	10°14	17°29	7°49	4° 4	29°10	1° 2	0° 3	20°52	n.a.	S 9
M10	18 45 9	9°55'20	19°30	7° 8	14° 8	24°58	10°26	17°35	7°49	4° 3	29°10	0°58	0° 0	20°59	n.a.	M10
T 11	18 49 6	10°52'58	1♎57	7°56	15°20	25°37	10°39	17°41	7°48	4° 1	29°10	0°56	29♈57	21° 5	n.a.	T 11
W12	18 53 2	11°50'37	14° 6	8°41	16°32	26°15	10°51	17°46	7°47	4° 0	29°10	0°D56	29°54	21°12	n.a.	W12
T 13	18 56 59	12°48'17	26° 3	9°22	17°43	26°53	11° 4	17°52	7°47	3°58	29°10	0°R56	29°51	21°19	n.a.	T 13
F 14	19 0 55	13°45'58	7♏53	9°59	18°55	27°32	11°16	17°58	7°46	3°57	29°10	0°56	29°47	21°25	n.a.	F 14
S 15	19 4 52	14°43'41	19°41	10°33	20° 6	28°10	11°28	18° 3	7°46	3°55	29°10	0°54	29°44	21°32	n.a.	S 15
S 16	19 8 48	15°41'25	1♐31	11° 2	21°18	28°48	11°41	18° 8	7°45	3°54	29° 9	0°51	29°41	21°39	n.a.	S 16
M17	19 12 45	16°39'11	13°29	11°27	22°29	29°27	11°53	18°14	7°45	3°52	29° 9	0°44	29°38	21°45	n.a.	M17
T 18	19 16 41	17°36'58	25°36	11°47	23°41	0♋ 5	12° 5	18°19	7°45	3°51	29° 9	0°35	29°35	21°52	n.a.	T 18
W19	19 20 38	18°34'46	7♑54	12° 2	24°52	0°43	12°17	18°24	7°44	3°49	29° 9	0°24	29°32	21°59	n.a.	W19
T 20	19 24 35	19°32'36	20°26	12°11	26° 3	1°21	12°29	18°30	7°44	3°48	29° 8	0°12	29°28	22° 5	n.a.	T 20
F 21	19 28 31	20°30'28	3♒11	12°R16	27°14	2° 0	12°41	18°35	7°44	3°46	29° 8	29♈59	29°25	22°12	n.a.	F 21
S 22	19 32 28	21°28'21	16° 8	12°15	28°26	2°38	12°53	18°40	7°44	3°44	29° 8	29°47	29°22	22°19	n.a.	S 22
S 23	19 36 24	22°26'16	29°17	12° 8	29°37	3°16	13° 5	18°45	7°44	3°43	29° 8	29°37	29°19	22°25	n.a.	S 23
M24	19 40 21	23°24'13	12♓37	11°55	0♍48	3°54	13°17	18°49	7°D44	3°41	29° 7	29°29	29°16	22°32	n.a.	M24
T 25	19 44 17	24°22'12	26° 8	11°36	1°59	4°32	13°29	18°54	7°44	3°39	29° 7	29°25	29°12	22°39	n.a.	T 25
W26	19 48 14	25°20'13	9♈50	11°11	3°10	5°10	13°40	18°59	7°44	3°38	29° 6	29°23	29° 9	22°45	n.a.	W26
T 27	19 52 10	26°18'15	23°42	10°40	4°20	5°48	13°52	19° 3	7°44	3°36	29° 6	29°22	29° 6	22°52	n.a.	T 27
F 28	19 56 7	27°16'20	7♉45	10° 3	5°31	6°27	14° 3	19° 8	7°44	3°35	29° 6	29°22	29° 3	22°59	n.a.	F 28
S 29	20 0 4	28°14'28	21°59	9°21	6°42	7° 5	14°15	19°12	7°44	3°33	29° 5	29°21	29° 0	23° 5	n.a.	S 29
S 30	20 4 0	29°12'37	6♊22	8°34	7°53	7°43	14°26	19°17	7°44	3°31	29° 5	29°18	28°57	23°12	n.a.	S 30
M31	20 7 57	0♌10'49	20♊50	7♌43	9♍ 4	8♋21	14♊37	19♉21	7♏45	3♒30	29♓ 4	29♈12	28♈53	23♏19	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	16n26	0n52	20n53	0s 1	21n14	1n36	24n 7	0n47	21n49	0s13	15n20	1s47	14s 5	0n17	20s 9	0s43	15s44	16s52	12n20	11n48	19s38		n.a.
S 2	23 45	21 43	2 7	20 28	0 11	20 55	1 35	24 10	0 48	21 51	0 13	15 22	1 47	14 5	0 17	20 9	0 43	15 44	16 53	12 19	11 47	19 41		n.a.
M 3	23 44	25 40	3 14	20 4	0 21	20 36	1 34	24 14	0 48	21 54	0 12	15 24	1 47	14 4	0 17	20 10	0 43	15 45	16 53	12 17	11 46	19 43		n.a.
T 4	23 42	27 51	4 8	19 39	0 31	20 17	1 33	24 17	0 49	21 56	0 12	15 25	1 48	14 4	0 17	20 10	0 43	15 45	16 53	12 15	11 44	19 46		n.a.
W 5	23 40	28 2	4 44	19 14	0 41	19 57	1 31	24 20	0 49	21 58	0 12	15 27	1 48	14 4	0 17	20 10	0 43	15 45	16 54	12 12	11 43	19 49		n.a.
T 6	23 38	26 16	5 2	18 49	0 52	19 36	1 30	24 23	0 50	22 0	0 12	15 29	1 48	14 4	0 17	20 11	0 43	15 46	16 54	12 8	11 42	19 51		n.a.
F 7	23 35	22 53	5 0	18 24	1 3	19 15	1 28	24 25	0 50	22 2	0 12	15 30	1 48	14 3	0 17	20 11	0 43	15 46	16 54	12 5	11 41	19 54		n.a.
S 8	23 32	18 19	4 41	18 0	1 14	18 54	1 27	24 28	0 51	22 4	0 12	15 32	1 48	14 3	0 17	20 12	0 43	15 46	16 55	12 2	11 40	19 57		n.a.
S 9	23 28	13 0	4 7	17 35	1 25	18 31	1 25	24 30	0 51	22 6	0 12	15 34	1 48	14 3	0 17	20 12	0 43	15 47	16 55	12 0	11 39	19 59		n.a.
M10	23 24	7 18	3 22	17 12	1 36	18 9	1 24	24 32	0 51	22 8	0 12	15 35	1 48	14 3	0 17	20 12	0 43	15 47	16 55	11 58	11 38	20 2		n.a.
T 11	23 19	1 28	2 28	16 48	1 48	17 46	1 22	24 34	0 52	22 10	0 12	15 37	1 48	14 2	0 17	20 13	0 43	15 47	16 56	11 58	11 37	20 4		n.a.
W12	23 14	4s17	1 28	16 25	1 59	17 22	1 20	24 35	0 52	22 11	0 12	15 38	1 48	14 2	0 17	20 13	0 43	15 48	16 56	11 57	11 35	20 7		n.a.
T 13	23 9	9 48	0 26	16 3	2 11	16 58	1 18	24 37	0 53	22 13	0 12	15 40	1 48	14 2	0 17	20 13	0 43	15 48	16 56	11 58	11 34	20 10		n.a.
F 14	23 3	14 55	0s37	15 42	2 22	16 34	1 16	24 38	0 53	22 15	0 11	15 41	1 48	14 2	0 17	20 14	0 43	15 48	16 57	11 58	11 33	20 12		n.a.
S 15	22 57	19 28	1 38	15 22	2 34	16 9	1 14	24 39	0 54	22 17	0 11	15 43	1 48	14 2	0 17	20 14	0 43	15 49	16 57	11 57	11 32	20 15		n.a.
S 16	22 50	23 17	2 35	15 3	2 45	15 44	1 12	24 40	0 54	22 19	0 11	15 44	1 49	14 2	0 17	20 15	0 43	15 49	16 57	11 56	11 31	20 17		n.a.
M17	22 43	26 8	3 25	14 46	2 56	15 18	1 10	24 41	0 55	22 21	0 11	15 46	1 49	14 2	0 17	20 15	0 43	15 49	16 58	11 53	11 30	20 20		n.a.
T 18	22 36	27 49	4 7	14 30	3 7	14 52	1 7	24 41	0 55	22 22	0 11	15 47	1 49	14 1	0 17	20 15	0 43	15 50	16 58	11 50	11 29	20 22		n.a.
W19	22 28	28 9	4 38	14 15	3 18	14 26	1 5	24 42	0 55	22 24	0 11	15 48	1 49	14 1	0 17	20 16	0 43	15 50	16 58	11 46	11 27	20 25		n.a.
T 20	22 20	27 4	4 56	14 3	3 28	13 59	1 2	24 42	0 56	22 26	0 11	15 50	1 49	14 1	0 17	20 16	0 43	15 51	16 59	11 42	11 26	20 27		n.a.
F 21	22 11	24 34	5 0	13 52	3 38	13 32	1 0	24 42	0 56	22 27	0 11	15 51	1 49	14 1	0 16	20 17	0 43	15 51	16 59	11 37	11 25	20 30		n.a.
S 22	22 2	20 48	4 48	13 44	3 47	13 5	0 57	24 41	0 57	22 29	0 11	15 52	1 49	14 1	0 16	20 17	0 43	15 51	16 59	11 33	11 24	20 33		n.a.
S 23	21 52	15 57	4 22	13 37	3 56	12 37	0 55	24 41	0 57	22 31	0 11	15 53	1 49	14 1	0 16	20 17	0 43	15 52	17 0	11 29	11 23	20 35		n.a.
M24	21 43	10 18	3 40	13 33	4 4	12 9	0 52	24 40	0 57	22 32	0 11	15 55	1 49	14 1	0 16	20 18	0 43	15 52	17 0	11 27	11 22	20 38		n.a.
T 25	21 33	4 5	2 46	13 32	4 10	11 41	0 49	24 39	0 58	22 34	0 10	15 56	1 49	14 1	0 16	20 18	0 43	15 53	17 0	11 25	11 21	20 40		n.a.
W26	21 22	2n24	1 41	13 34	4 16	11 12	0 46	24 38	0 58	22 35	0 10	15 57	1 50	14 1	0 16	20 19	0 43	15 53	17 1	11 24	11 20	20 43		n.a.
T 27	21 11	8 52	0 30	13 38	4 20	10 43	0 43	24 37	0 59	22 37	0 10	15 58	1 50	14 1	0 16	20 19	0 43	15 54	17 1	11 24	11 18	20 45		n.a.
F 28	21 0	14 59	0n44	13 45	4 23	10 14	0 40	24 36	0 59	22 38	0 10	15 59	1 50	14 2	0 16	20 19	0 43	15 54	17 1	11 24	11 17	20 48		n.a.
S 29	20 48	20 23	1 56	13 55	4 25	9 45	0 37	24 34	1 0	22 40	0 10	16 0	1 50	14 2	0 16	20 20	0 43	15 54	17 1	11 24	11 16	20 50		n.a.
S 30	20 36	24 39	3 2	14 7	4 24	9 15	0 34	24 33	1 0	22 41	0 10	16 2	1 50	14 2	0 16	20 20	0 43	15 55	17 2	11 23	11 15	20 53		n.a.
M31	20n24	27n23	3n56	14n22	4s22	8n45	0n31	24n31	1n 0	22n42	0s10	16n 3	1s50	14s 2	0n16	20s21	0s43	15s55	17s 2	11n21	11n14	20s55		n.a.

Julian Day Number = 1494784.5, Delta T = 05h11m44s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'35, Lahiri = -12°31'35 Julian Calendar 1 July 621 BCE == Greg. Calendar 24 June 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

AUGUST 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 11 53	1♌ 9'02	5♋20	6°R48	10♍14	8♋59	14♊49	19♉25	7♏45	3°R28	29°R 4	29°R 4	28♈50	23♏25	n.a.	T 1
W 2	20 15 50	2° 7'18	19°45	5♌51	11°25	9°37	15° 0	19°29	7°46	3♒26	29♓ 3	28♈53	28°47	23°32	n.a.	W 2
T 3	20 19 46	3° 5'35	3♌58	4°52	12°35	10°15	15°11	19°33	7°46	3°25	29° 3	28°41	28°44	23°39	n.a.	T 3
F 4	20 23 43	4° 3'55	17°55	3°53	13°46	10°53	15°22	19°37	7°47	3°23	29° 2	28°29	28°41	23°45	n.a.	F 4
S 5	20 27 39	5° 2'16	1♍29	2°55	14°56	11°31	15°33	19°41	7°47	3°21	29° 1	28°19	28°38	23°52	n.a.	S 5
S 6	20 31 36	6° 0'39	14°41	2° 0	16° 6	12° 9	15°43	19°45	7°48	3°20	29° 1	28°10	28°34	23°59	n.a.	S 6
M 7	20 35 33	6°59'03	27°29	1° 8	17°16	12°47	15°54	19°48	7°49	3°18	29° 0	28° 5	28°31	24° 5	n.a.	M 7
T 8	20 39 29	7°57'30	9♎56	0°22	18°27	13°24	16° 5	19°52	7°49	3°16	28°59	28° 2	28°28	24°12	n.a.	T 8
W 9	20 43 26	8°55'58	22° 6	29♋41	19°37	14° 2	16°15	19°55	7°50	3°15	28°59	28° 0	28°25	24°19	n.a.	W 9
T 10	20 47 22	9°54'28	4♏ 4	29° 8	20°47	14°40	16°26	19°58	7°51	3°13	28°58	28° 0	28°22	24°25	n.a.	T 10
F 11	20 51 19	10°53'00	15°54	28°43	21°57	15°18	16°36	20° 2	7°52	3°12	28°57	28° 0	28°18	24°32	n.a.	F 11
S 12	20 55 15	11°51'33	27°43	28°27	23° 7	15°56	16°46	20° 5	7°53	3°10	28°57	27°59	28°15	24°39	n.a.	S 12
S 13	20 59 12	12°50'09	9♐36	28°D19	24°16	16°34	16°56	20° 8	7°54	3° 8	28°56	27°56	28°12	24°45	n.a.	S 13
M14	21 3 8	13°48'46	21°37	28°21	25°26	17°11	17° 6	20°11	7°55	3° 7	28°55	27°51	28° 9	24°52	n.a.	M14
T 15	21 7 5	14°47'25	3♑50	28°33	26°36	17°49	17°16	20°14	7°56	3° 5	28°54	27°43	28° 6	24°58	n.a.	T 15
W16	21 11 2	15°46'06	16°19	28°54	27°45	18°27	17°26	20°16	7°57	3° 3	28°54	27°33	28° 3	25° 5	n.a.	W16
T 17	21 14 58	16°44'49	29° 5	29°25	28°54	19° 5	17°36	20°19	7°58	3° 2	28°53	27°21	27°59	25°12	n.a.	T 17
F 18	21 18 55	17°43'34	12♒ 8	0♌ 4	0♎ 4	19°43	17°46	20°21	8° 0	3° 0	28°52	27° 9	27°56	25°18	n.a.	F 18
S 19	21 22 51	18°42'21	25°26	0°52	1°13	20°20	17°55	20°24	8° 1	2°59	28°51	26°58	27°53	25°25	n.a.	S 19
S 20	21 26 48	19°41'10	8♓59	1°48	2°22	20°58	18° 4	20°26	8° 2	2°57	28°50	26°48	27°50	25°32	n.a.	S 20
M21	21 30 44	20°40'01	22°43	2°51	3°31	21°36	18°14	20°28	8° 4	2°56	28°50	26°42	27°47	25°38	n.a.	M21
T 22	21 34 41	21°38'54	6♈35	4° 1	4°40	22°13	18°23	20°30	8° 5	2°54	28°49	26°38	27°44	25°45	n.a.	T 22
W23	21 38 37	22°37'50	20°33	5°18	5°49	22°51	18°32	20°32	8° 7	2°52	28°48	26°D36	27°40	25°52	n.a.	W23
T 24	21 42 34	23°36'49	4♉36	6°39	6°58	23°29	18°41	20°34	8° 8	2°51	28°47	26°36	27°37	25°58	n.a.	T 24
F 25	21 46 30	24°35'49	18°42	8° 6	8° 6	24° 6	18°50	20°36	8°10	2°49	28°46	26°R37	27°34	26° 5	n.a.	F 25
S 26	21 50 27	25°34'53	2♊49	9°36	9°15	24°44	18°58	20°38	8°11	2°48	28°45	26°36	27°31	26°12	n.a.	S 26
S 27	21 54 24	26°33'59	16°58	11°11	10°23	25°21	19° 7	20°39	8°13	2°46	28°44	26°35	27°28	26°18	n.a.	S 27
M28	21 58 20	27°33'07	1♋ 5	12°48	11°32	25°59	19°15	20°41	8°15	2°45	28°43	26°31	27°24	26°25	n.a.	M28
T 29	22 2 17	28°32'18	15°10	14°27	12°40	26°37	19°24	20°42	8°17	2°44	28°42	26°24	27°21	26°32	n.a.	T 29
W30	22 6 13	29°31'31	29° 8	16° 9	13°48	27°14	19°32	20°43	8°18	2°42	28°41	26°16	27°18	26°38	n.a.	W30
T 31	22 10 10	0♍30'46	12♌55	17♌52	14♎56	27♋52	19♊40	20♉45	8♏20	2♒41	28♓40	26♈ 6	27♈15	26♏45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
T 1	20n11	28n15	4n35	14n40	4s18	8n15	0n27	24n28	1n 1	22n44	0s10	16n 4	1s50	14s 2	0n16	20s21	0s43	15s56	17s 2	11n18	11n13	20s58			n.a.	T 1
W 2	19 58	27 11	4 57	15 0	4 12	7 45	0 24	24 26	1 1	22 45	0 10	16 5	1 50	14 2	0 16	20 21	0 43	15 56	17 3	11 14	11 12	21 0			n.a.	W 2
T 3	19 44	24 22	4 59	15 22	4 4	7 15	0 20	24 24	1 2	22 47	0 10	16 6	1 51	14 2	0 16	20 22	0 43	15 57	17 3	11 9	11 10	21 3			n.a.	T 3
F 4	19 30	20 10	4 44	15 46	3 54	6 44	0 17	24 21	1 2	22 48	0 10	16 7	1 51	14 3	0 16	20 22	0 43	15 57	17 3	11 5	11 9	21 5			n.a.	F 4
S 5	19 16	15 0	4 12	16 10	3 42	6 13	0 13	24 18	1 2	22 49	0 9	16 7	1 51	14 3	0 16	20 23	0 43	15 58	17 3	11 1	11 8	21 8			n.a.	S 5
S 6	19 2	9 18	3 28	16 36	3 29	5 42	0 10	24 15	1 3	22 50	0 9	16 8	1 51	14 3	0 16	20 23	0 43	15 58	17 4	10 58	11 7	21 10			n.a.	S 6
M 7	18 47	3 22	2 34	17 2	3 14	5 11	0 6	24 12	1 3	22 52	0 9	16 9	1 51	14 3	0 16	20 23	0 43	15 59	17 4	10 56	11 6	21 13			n.a.	M 7
T 8	18 32	2s33	1 34	17 28	2 57	4 40	0 3	24 9	1 4	22 53	0 9	16 10	1 51	14 4	0 16	20 24	0 43	15 59	17 4	10 55	11 5	21 15			n.a.	T 8
W 9	18 16	8 14	0 31	17 54	2 40	4 9	0s 1	24 5	1 4	22 54	0 9	16 11	1 51	14 4	0 16	20 24	0 43	16 0	17 5	10 55	11 4	21 17			n.a.	W 9
T 10	18 1	13 33	0s32	18 19	2 21	3 38	0 5	24 1	1 4	22 55	0 9	16 12	1 51	14 4	0 16	20 25	0 43	16 0	17 5	10 55	11 2	21 20			n.a.	T 10
F 11	17 45	18 19	1 34	18 42	2 3	3 6	0 9	23 57	1 5	22 56	0 9	16 12	1 52	14 4	0 16	20 25	0 43	16 1	17 5	10 55	11 1	21 22			n.a.	F 11
S 12	17 28	22 22	2 31	19 4	1 44	2 35	0 13	23 53	1 5	22 58	0 9	16 13	1 52	14 5	0 16	20 25	0 43	16 1	17 5	10 54	11 0	21 25			n.a.	S 12
S 13	17 12	25 31	3 22	19 24	1 25	2 3	0 17	23 49	1 6	22 59	0 9	16 14	1 52	14 5	0 16	20 26	0 43	16 2	17 6	10 53	10 59	21 27			n.a.	S 13
M14	16 55	27 34	4 4	19 42	1 6	1 31	0 21	23 44	1 6	23 0	0 9	16 14	1 52	14 5	0 16	20 26	0 43	16 2	17 6	10 51	10 58	21 30			n.a.	M14
T 15	16 37	28 19	4 36	19 58	0 48	1 0	0 25	23 40	1 6	23 1	0 9	16 15	1 52	14 6	0 16	20 27	0 43	16 3	17 6	10 48	10 57	21 32			n.a.	T 15
W16	16 20	27 39	4 56	20 11	0 30	0 28	0 29	23 35	1 7	23 2	0 8	16 16	1 52	14 6	0 16	20 27	0 43	16 3	17 6	10 45	10 55	21 34			n.a.	W16
T 17	16 2	25 32	5 2	20 21	0 13	0s 4	0 33	23 30	1 7	23 3	0 8	16 16	1 52	14 7	0 16	20 27	0 43	16 4	17 6	10 40	10 54	21 37			n.a.	T 17
F 18	15 44	22 3	4 52	20 28	0n 3	0 35	0 37	23 25	1 8	23 4	0 8	16 17	1 52	14 7	0 16	20 28	0 43	16 4	17 7	10 36	10 53	21 39			n.a.	F 18
S 19	15 26	17 23	4 26	20 32	0 18	1 7	0 41	23 20	1 8	23 5	0 8	16 17	1 53	14 8	0 16	20 28	0 43	16 5	17 7	10 32	10 52	21 42			n.a.	S 19
S 20	15 7	11 46	3 45	20 33	0 32	1 39	0 45	23 14	1 8	23 6	0 8	16 18	1 53	14 8	0 16	20 28	0 43	16 6	17 7	10 28	10 51	21 44			n.a.	S 20
M21	14 48	5 32	2 50	20 31	0 45	2 10	0 49	23 9	1 9	23 7	0 8	16 18	1 53	14 8	0 16	20 29	0 43	16 6	17 7	10 26	10 50	21 46			n.a.	M21
T 22	14 29	1n 3	1 45	20 26	0 57	2 42	0 54	23 3	1 9	23 8	0 8	16 19	1 53	14 9	0 16	20 29	0 43	16 7	17 8	10 24	10 49	21 49			n.a.	T 22
W23	14 10	7 39	0 32	20 18	1 7	3 13	0 58	22 57	1 10	23 8	0 8	16 19	1 53	14 9	0 16	20 30	0 43	16 7	17 8	10 24	10 47	21 51			n.a.	W23
T 24	13 50	13 54	0n43	20 6	1 17	3 45	1 2	22 51	1 10	23 9	0 8	16 19	1 53	14 10	0 16	20 30	0 43	16 8	17 8	10 24	10 46	21 54			n.a.	T 24
F 25	13 30	19 28	1 55	19 52	1 25	4 16	1 6	22 45	1 10	23 10	0 8	16 20	1 53	14 11	0 16	20 30	0 43	16 8	17 8	10 24	10 45	21 56			n.a.	F 25
S 26	13 10	23 58	3 1	19 34	1 32	4 48	1 11	22 38	1 11	23 11	0 7	16 20	1 54	14 11	0 16	20 31	0 43	16 9	17 8	10 24	10 44	21 58			n.a.	S 26
S 27	12 50	27 2	3 55	19 14	1 38	5 19	1 15	22 32	1 11	23 12	0 7	16 20	1 54	14 12	0 16	20 31	0 43	16 9	17 9	10 23	10 43	22 1			n.a.	S 27
M28	12 29	28 22	4 36	18 51	1 43	5 50	1 19	22 25	1 11	23 13	0 7	16 21	1 54	14 12	0 16	20 31	0 43	16 10	17 9	10 22	10 42	22 3			n.a.	M28
T 29	12 9	27 51	4 59	18 25	1 47	6 21	1 24	22 18	1 12	23 13	0 7	16 21	1 54	14 13	0 16	20 32	0 43	16 10	17 9	10 20	10 40	22 5			n.a.	T 29
W30	11 48	25 35	5 5	17 58	1 50	6 52	1 28	22 11	1 12	23 14	0 7	16 21	1 54	14 13	0 16	20 32	0 43	16 11	17 9	10 16	10 39	22 8			n.a.	W30
T 31	11n27	21n49	4n52	17n28	1n52	7s23	1s32	22n 4	1n13	23n15	0s 7	16n21	1s54	14s14	0n16	20s32	0s43	16s11	17s 9	10n13	10n38	22s10			n.a.	T 31

Julian Day Number = 1494815.5, Delta T = 05h11m43s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'31, Lahiri = -12°31'31 Julian Calendar 1 Aug. 621 BCE == Greg. Calendar 25 July 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

SEPTEMBER 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 14 6	1♍30'04	26♌29	19♌36	16♎ 4	28♋29	19♊48	20♉46	8♏22	2°R39	28°R39	25°R57	27♈12	26♏52	n.a.	F 1
S 2	22 18 3	2°29'23	9♍47	21°21	17°11	29° 7	19°56	20°46	8°24	2♒38	28♓38	25♈48	27° 9	26°58	n.a.	S 2
S 3	22 21 59	3°28'45	22°46	23° 7	18°19	29°44	20° 3	20°47	8°26	2°37	28°37	25°42	27° 5	27° 5	n.a.	S 3
M 4	22 25 56	4°28'09	5♎26	24°53	19°26	0♌22	20°11	20°48	8°28	2°35	28°36	25°37	27° 2	27°12	n.a.	M 4
T 5	22 29 53	5°27'35	17°49	26°40	20°34	0°59	20°18	20°48	8°30	2°34	28°35	25°35	26°59	27°18	n.a.	T 5
W 6	22 33 49	6°27'03	29°57	28°26	21°41	1°37	20°26	20°49	8°32	2°33	28°34	25°D35	26°56	27°25	n.a.	W 6
T 7	22 37 46	7°26'32	11♏54	0♍12	22°48	2°14	20°33	20°49	8°35	2°31	28°33	25°36	26°53	27°32	n.a.	T 7
F 8	22 41 42	8°26'04	23°44	1°58	23°55	2°51	20°40	20°49	8°37	2°30	28°32	25°37	26°50	27°38	n.a.	F 8
S 9	22 45 39	9°25'38	5♐33	3°43	25° 1	3°29	20°46	20°R50	8°39	2°29	28°31	25°R38	26°46	27°45	n.a.	S 9
S 10	22 49 35	10°25'13	17°26	5°28	26° 8	4° 6	20°53	20°50	8°41	2°27	28°30	25°38	26°43	27°52	n.a.	S 10
M11	22 53 32	11°24'51	29°28	7°13	27°14	4°44	21° 0	20°49	8°44	2°26	28°29	25°36	26°40	27°58	n.a.	M11
T 12	22 57 28	12°24'30	11♑43	8°57	28°20	5°21	21° 6	20°49	8°46	2°25	28°28	25°32	26°37	28° 5	n.a.	T 12
W13	23 1 25	13°24'12	24°16	10°41	29°26	5°58	21°12	20°49	8°49	2°24	28°27	25°27	26°34	28°12	n.a.	W13
T 14	23 5 21	14°23'55	7♒ 9	12°24	0♏32	6°36	21°18	20°48	8°51	2°23	28°26	25°20	26°30	28°18	n.a.	T 14
F 15	23 9 18	15°23'40	20°24	14° 6	1°38	7°13	21°24	20°48	8°54	2°22	28°25	25°13	26°27	28°25	n.a.	F 15
S 16	23 13 15	16°23'27	4♓ 0	15°47	2°43	7°50	21°30	20°47	8°56	2°21	28°23	25° 7	26°24	28°32	n.a.	S 16
S 17	23 17 11	17°23'16	17°55	17°29	3°48	8°27	21°35	20°46	8°59	2°20	28°22	25° 1	26°21	28°38	n.a.	S 17
M18	23 21 8	18°23'07	2♈ 4	19° 9	4°53	9° 5	21°41	20°45	9° 1	2°19	28°21	24°57	26°18	28°45	n.a.	M18
T 19	23 25 4	19°23'00	16°23	20°49	5°58	9°42	21°46	20°44	9° 4	2°18	28°20	24°56	26°15	28°52	n.a.	T 19
W20	23 29 1	20°22'55	0♉48	22°28	7° 3	10°19	21°51	20°43	9° 7	2°17	28°19	24°D55	26°11	28°58	n.a.	W20
T 21	23 32 57	21°22'53	15°12	24° 7	8° 7	10°56	21°56	20°42	9° 9	2°16	28°18	24°56	26° 8	29° 5	n.a.	T 21
F 22	23 36 54	22°22'53	29°34	25°45	9°11	11°33	22° 1	20°41	9°12	2°15	28°17	24°58	26° 5	29°12	n.a.	F 22
S 23	23 40 50	23°22'55	13♊48	27°23	10°15	12°10	22° 5	20°39	9°15	2°14	28°16	24°59	26° 2	29°18	n.a.	S 23
S 24	23 44 47	24°23'00	27°54	29° 0	11°18	12°48	22°10	20°38	9°18	2°13	28°14	24°R59	25°59	29°25	n.a.	S 24
M25	23 48 44	25°23'07	11♋51	0♎36	12°22	13°25	22°14	20°36	9°21	2°12	28°13	24°58	25°55	29°32	n.a.	M25
T 26	23 52 40	26°23'16	25°36	2°12	13°25	14° 2	22°18	20°34	9°24	2°11	28°12	24°56	25°52	29°38	n.a.	T 26
W27	23 56 37	27°23'28	9♌10	3°48	14°27	14°39	22°22	20°32	9°27	2°10	28°11	24°52	25°49	29°45	n.a.	W27
T 28	0 0 33	28°23'41	22°31	5°23	15°30	15°16	22°26	20°30	9°30	2°10	28°10	24°48	25°46	29°52	n.a.	T 28
F 29	0 4 30	29°23'57	5♍39	6°57	16°32	15°53	22°29	20°28	9°33	2° 9	28° 9	24°44	25°43	29°58	n.a.	F 29
S 30	0 8 26	0♎24'14	18♍34	8♎32	17♏34	16♌30	22♊32	20♉26	9♏36	2♒ 8	28♓ 8	24♈40	25♈40	0♐ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 5	16n58	4n23	16n56	1n53	7s53	1s37	21n56	1n13	23n16	0s 7	16n21	1s54	14s15	0n16	20s33	0s43	16s12	17s 9	10n 9	10n37	22s12		n.a.
S 2	10 44	11 24	3 40	16 22	1 54	8 24	1 41	21 49	1 13	23 16	0 7	16 21	1 55	14 15	0 15	20 33	0 43	16 12	17 9	10 6	10 36	22 15		n.a.
S 3	10 22	5 28	2 47	15 47	1 54	8 54	1 45	21 41	1 14	23 17	0 7	16 21	1 55	14 16	0 15	20 33	0 43	16 13	17 10	10 4	10 35	22 17		n.a.
M 4	10 0	0s34	1 46	15 11	1 53	9 24	1 50	21 33	1 14	23 18	0 7	16 21	1 55	14 17	0 15	20 34	0 43	16 14	17 10	10 2	10 34	22 19		n.a.
T 5	9 38	6 26	0 42	14 33	1 52	9 54	1 54	21 26	1 14	23 18	0 6	16 21	1 55	14 17	0 15	20 34	0 43	16 14	17 10	10 1	10 32	22 22		n.a.
W 6	9 16	11 59	0s24	13 54	1 50	10 23	1 58	21 18	1 15	23 19	0 6	16 21	1 55	14 18	0 15	20 34	0 43	16 15	17 10	10 1	10 31	22 24		n.a.
T 7	8 54	17 0	1 27	13 13	1 47	10 53	2 3	21 9	1 15	23 20	0 6	16 21	1 55	14 19	0 15	20 35	0 43	16 15	17 10	10 2	10 30	22 26		n.a.
F 8	8 31	21 20	2 26	12 32	1 44	11 22	2 7	21 1	1 16	23 20	0 6	16 21	1 55	14 20	0 15	20 35	0 43	16 16	17 10	10 2	10 29	22 29		n.a.
S 9	8 9	24 48	3 19	11 51	1 41	11 51	2 11	20 52	1 16	23 21	0 6	16 21	1 56	14 20	0 15	20 35	0 43	16 16	17 10	10 3	10 28	22 31		n.a.
S 10	7 46	27 13	4 4	11 8	1 37	12 19	2 15	20 44	1 16	23 21	0 6	16 21	1 56	14 21	0 15	20 35	0 43	16 17	17 10	10 3	10 27	22 33		n.a.
M11	7 23	28 24	4 38	10 25	1 33	12 48	2 20	20 35	1 17	23 22	0 6	16 21	1 56	14 22	0 15	20 36	0 43	16 17	17 11	10 2	10 25	22 35		n.a.
T 12	7 0	28 14	5 1	9 41	1 28	13 16	2 24	20 26	1 17	23 22	0 6	16 21	1 56	14 23	0 15	20 36	0 43	16 18	17 11	10 0	10 24	22 38		n.a.
W13	6 37	26 38	5 9	8 57	1 24	13 44	2 28	20 17	1 17	23 23	0 6	16 21	1 56	14 24	0 15	20 36	0 43	16 18	17 11	9 58	10 23	22 40		n.a.
T 14	6 13	23 37	5 3	8 13	1 19	14 11	2 32	20 8	1 18	23 23	0 5	16 20	1 56	14 24	0 15	20 36	0 43	16 19	17 11	9 56	10 22	22 42		n.a.
F 15	5 50	19 19	4 41	7 28	1 13	14 38	2 36	19 59	1 18	23 24	0 5	16 20	1 56	14 25	0 15	20 37	0 43	16 19	17 11	9 53	10 21	22 45		n.a.
S 16	5 27	13 55	4 2	6 43	1 8	15 5	2 40	19 49	1 18	23 24	0 5	16 20	1 56	14 26	0 15	20 37	0 43	16 20	17 11	9 51	10 20	22 47		n.a.
S 17	5 3	7 43	3 8	5 58	1 2	15 32	2 44	19 40	1 19	23 25	0 5	16 19	1 57	14 27	0 15	20 37	0 43	16 20	17 11	9 49	10 18	22 49		n.a.
M18	4 39	1 1	2 1	5 13	0 56	15 58	2 48	19 30	1 19	23 25	0 5	16 19	1 57	14 28	0 15	20 37	0 43	16 21	17 11	9 48	10 17	22 51		n.a.
T 19	4 16	5n49	0 46	4 28	0 51	16 23	2 52	19 21	1 19	23 26	0 5	16 19	1 57	14 29	0 15	20 38	0 43	16 21	17 11	9 47	10 16	22 54		n.a.
W20	3 52	12 25	0n32	3 42	0 44	16 49	2 56	19 11	1 20	23 26	0 5	16 18	1 57	14 30	0 15	20 38	0 43	16 22	17 11	9 47	10 15	22 56		n.a.
T 21	3 28	18 21	1 49	2 57	0 38	17 14	2 59	19 1	1 20	23 27	0 5	16 18	1 57	14 30	0 15	20 38	0 43	16 22	17 11	9 47	10 14	22 58		n.a.
F 22	3 4	23 14	2 58	2 12	0 32	17 38	3 3	18 51	1 20	23 27	0 5	16 17	1 57	14 31	0 15	20 38	0 43	16 23	17 11	9 48	10 13	23 0		n.a.
S 23	2 40	26 41	3 56	1 27	0 25	18 2	3 7	18 40	1 21	23 27	0 4	16 17	1 57	14 32	0 15	20 38	0 43	16 23	17 11	9 48	10 11	23 2		n.a.
S 24	2 16	28 24	4 39	0 42	0 19	18 26	3 10	18 30	1 21	23 28	0 4	16 16	1 57	14 33	0 15	20 39	0 43	16 24	17 11	9 48	10 10	23 5		n.a.
M25	1 52	28 18	5 5	0s 3	0 12	18 50	3 14	18 20	1 22	23 28	0 4	16 16	1 58	14 34	0 15	20 39	0 43	16 24	17 11	9 48	10 9	23 7		n.a.
T 26	1 27	26 26	5 13	0 48	0 6	19 12	3 17	18 9	1 22	23 29	0 4	16 15	1 58	14 35	0 15	20 39	0 43	16 25	17 11	9 47	10 8	23 9		n.a.
W27	1 3	23 5	5 4	1 32	0s 1	19 35	3 20	17 58	1 22	23 29	0 4	16 15	1 58	14 36	0 15	20 39	0 43	16 25	17 11	9 46	10 7	23 11		n.a.
T 28	0 39	18 34	4 38	2 17	0 7	19 57	3 24	17 48	1 23	23 29	0 4	16 14	1 58	14 37	0 15	20 39	0 43	16 25	17 11	9 44	10 6	23 13		n.a.
F 29	0 15	13 14	3 57	3 1	0 14	20 18	3 27	17 37	1 23	23 30	0 4	16 13	1 58	14 38	0 15	20 39	0 43	16 26	17 11	9 43	10 4	23 16		n.a.
S 30	0s10	7n25	3n 5	3s45	0s21	20s39	3s30	17n26	1n23	23n30	0s 4	16n13	1s58	14s39	0n15	20s40	0s43	16s26	17s11	9n41	10n 3	23s18		n.a.

Julian Day Number = 1494846.5, Delta T = 05h11m41s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'27, Lahiri = -12°31'26 Julian Calendar 1 Sept. 621 BCE == Greg. Calendar 25 Aug. 621 BCE

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

OCTOBER 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 12 23	1♎24'34	1♎14	10♎ 5	18♏35	17♌ 7	22♊36	20°R24	9♏39	2°R 8	28°R 6	24°R37	25♈36	0♐12	n.a.	S 1
M 2	0 16 19	2°24'55	13°41	11°39	19°36	17°44	22°38	20♉21	9°42	2♒ 7	28♓ 5	24♈36	25°33	0°18	n.a.	M 2
T 3	0 20 16	3°25'18	25°55	13°12	20°37	18°21	22°41	20°19	9°45	2° 6	28° 4	24°D35	25°30	0°25	n.a.	T 3
W 4	0 24 12	4°25'43	7♏58	14°44	21°38	18°58	22°44	20°16	9°48	2° 6	28° 3	24°36	25°27	0°32	n.a.	W 4
T 5	0 28 9	5°26'10	19°53	16°16	22°38	19°35	22°46	20°14	9°51	2° 5	28° 2	24°37	25°24	0°38	n.a.	T 5
F 6	0 32 6	6°26'38	1♐42	17°48	23°38	20°12	22°48	20°11	9°54	2° 5	28° 1	24°39	25°21	0°45	n.a.	F 6
S 7	0 36 2	7°27'08	13°31	19°20	24°37	20°49	22°50	20° 8	9°58	2° 4	28° 0	24°40	25°17	0°52	n.a.	S 7
S 8	0 39 59	8°27'39	25°22	20°51	25°36	21°25	22°52	20° 5	10° 1	2° 4	27°59	24°41	25°14	0°58	n.a.	S 8
M 9	0 43 55	9°28'12	7♑22	22°22	26°34	22° 2	22°54	20° 2	10° 4	2° 3	27°57	24°R42	25°11	1° 5	n.a.	M 9
T 10	0 47 52	10°28'46	19°35	23°52	27°32	22°39	22°55	19°59	10° 7	2° 3	27°56	24°42	25° 8	1°12	n.a.	T 10
W11	0 51 48	11°29'21	2♒ 5	25°22	28°30	23°16	22°56	19°55	10°11	2° 3	27°55	24°41	25° 5	1°19	n.a.	W11
T 12	0 55 45	12°29'58	14°57	26°52	29°27	23°53	22°57	19°52	10°14	2° 2	27°54	24°39	25° 1	1°25	n.a.	T 12
F 13	0 59 41	13°30'37	28°12	28°21	0♐23	24°29	22°58	19°49	10°17	2° 2	27°53	24°38	24°58	1°32	n.a.	F 13
S 14	1 3 38	14°31'16	11♓54	29°50	1°19	25° 6	22°59	19°45	10°21	2° 2	27°52	24°37	24°55	1°39	n.a.	S 14
S 15	1 7 35	15°31'57	25°59	1♏18	2°15	25°43	22°59	19°41	10°24	2° 2	27°51	24°35	24°52	1°45	n.a.	S 15
M16	1 11 31	16°32'39	10♈26	2°46	3°10	26°19	23° 0	19°38	10°28	2° 2	27°50	24°35	24°49	1°52	n.a.	M16
T 17	1 15 28	17°33'23	25° 9	4°13	4° 4	26°56	23°R 0	19°34	10°31	2° 1	27°49	24°D35	24°46	1°59	n.a.	T 17
W18	1 19 24	18°34'08	10♉ 1	5°40	4°57	27°33	22°59	19°30	10°35	2° 1	27°48	24°35	24°42	2° 5	n.a.	W18
T 19	1 23 21	19°34'55	24°53	7° 6	5°50	28° 9	22°59	19°26	10°38	2° 1	27°47	24°35	24°39	2°12	n.a.	T 19
F 20	1 27 17	20°35'44	9♊39	8°32	6°43	28°46	22°58	19°22	10°42	2°D 1	27°46	24°36	24°36	2°19	n.a.	F 20
S 21	1 31 14	21°36'34	24°13	9°56	7°34	29°22	22°58	19°18	10°45	2° 1	27°45	24°36	24°33	2°25	n.a.	S 21
S 22	1 35 10	22°37'26	8♋31	11°20	8°25	29°59	22°57	19°14	10°49	2° 1	27°43	24°36	24°30	2°32	n.a.	S 22
M23	1 39 7	23°38'19	22°29	12°43	9°15	0♍35	22°56	19°10	10°52	2° 1	27°42	24°R36	24°27	2°39	n.a.	M23
T 24	1 43 4	24°39'15	6♌ 8	14° 5	10° 5	1°12	22°54	19° 6	10°56	2° 1	27°41	24°D36	24°23	2°45	n.a.	T 24
W25	1 47 0	25°40'11	19°27	15°25	10°53	1°48	22°53	19° 1	10°59	2° 2	27°40	24°36	24°20	2°52	n.a.	W25
T 26	1 50 57	26°41'09	2♍30	16°44	11°41	2°24	22°51	18°57	11° 3	2° 2	27°39	24°36	24°17	2°59	n.a.	T 26
F 27	1 54 53	27°42'08	15°17	18° 1	12°27	3° 1	22°49	18°52	11° 6	2° 2	27°39	24°37	24°14	3° 5	n.a.	F 27
S 28	1 58 50	28°43'09	27°50	19°16	13°13	3°37	22°47	18°48	11°10	2° 2	27°38	24°37	24°11	3°12	n.a.	S 28
S 29	2 2 46	29°44'11	10♎11	20°29	13°58	4°13	22°44	18°43	11°14	2° 2	27°37	24°37	24° 7	3°19	n.a.	S 29
M30	2 6 43	0♏45'14	22°23	21°40	14°42	4°50	22°42	18°39	11°17	2° 3	27°36	24°R38	24° 4	3°25	n.a.	M30
T 31	2 10 39	1♏46'18	4♏26	22♏47	15♐25	5♍26	22♊39	18♉34	11♏21	2♒ 3	27♓35	24♈37	24♈ 1	3♐32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	0s34	1n25	2n 5	4s28	0s27	21s 0	3s33	17n15	1n24	23n30	0s 4	16n12	1s58	14s40	0n15	20s40	0s43	16s27	17s11	9n40	10n 2	23s20			n.a.
M 2	0 58	4s33	1 0	5 11	0 34	21 20	3 36	17 4	1 24	23 30	0 3	16 11	1 58	14 41	0 15	20 40	0 43	16 27	17 11	9 39	10 1	23 22			n.a.
T 3	1 23	10 16	0s 7	5 54	0 40	21 39	3 38	16 52	1 24	23 31	0 3	16 10	1 58	14 42	0 15	20 40	0 43	16 28	17 11	9 39	10 0	23 24			n.a.
W 4	1 47	15 31	1 13	6 36	0 47	21 58	3 41	16 41	1 25	23 31	0 3	16 10	1 58	14 43	0 15	20 40	0 43	16 28	17 11	9 40	9 58	23 26			n.a.
T 5	2 11	20 7	2 15	7 18	0 53	22 17	3 43	16 30	1 25	23 31	0 3	16 9	1 59	14 44	0 15	20 40	0 43	16 28	17 11	9 40	9 57	23 29			n.a.
F 6	2 36	23 54	3 11	8 0	1 0	22 35	3 46	16 18	1 25	23 31	0 3	16 8	1 59	14 45	0 15	20 40	0 43	16 29	17 11	9 41	9 56	23 31			n.a.
S 7	3 0	26 41	3 59	8 41	1 6	22 52	3 48	16 6	1 26	23 32	0 3	16 7	1 59	14 46	0 15	20 40	0 43	16 29	17 11	9 41	9 55	23 33			n.a.
S 8	3 24	28 18	4 36	9 21	1 12	23 9	3 50	15 55	1 26	23 32	0 3	16 6	1 59	14 47	0 15	20 41	0 43	16 30	17 11	9 42	9 54	23 35			n.a.
M 9	3 48	28 36	5 2	10 1	1 18	23 25	3 52	15 43	1 26	23 32	0 3	16 5	1 59	14 48	0 15	20 41	0 43	16 30	17 11	9 42	9 53	23 37			n.a.
T 10	4 12	27 31	5 15	10 41	1 24	23 41	3 54	15 31	1 27	23 32	0 2	16 4	1 59	14 49	0 15	20 41	0 43	16 30	17 11	9 42	9 51	23 39			n.a.
W11	4 36	25 4	5 14	11 20	1 30	23 56	3 56	15 19	1 27	23 33	0 2	16 3	1 59	14 50	0 15	20 41	0 43	16 31	17 10	9 41	9 50	23 41			n.a.
T 12	5 0	21 18	4 57	11 58	1 35	24 10	3 58	15 7	1 27	23 33	0 2	16 2	1 59	14 52	0 15	20 41	0 43	16 31	17 10	9 41	9 49	23 43			n.a.
F 13	5 24	16 23	4 24	12 36	1 41	24 24	3 59	14 55	1 28	23 33	0 2	16 1	1 59	14 53	0 15	20 41	0 43	16 31	17 10	9 40	9 48	23 45			n.a.
S 14	5 48	10 30	3 35	13 13	1 46	24 38	4 0	14 43	1 28	23 33	0 2	16 0	1 59	14 54	0 15	20 41	0 43	16 32	17 10	9 40	9 47	23 48			n.a.
S 15	6 12	3 56	2 32	13 49	1 51	24 50	4 1	14 30	1 28	23 33	0 2	15 59	1 59	14 55	0 15	20 41	0 43	16 32	17 10	9 39	9 46	23 50			n.a.
M16	6 35	3n 0	1 18	14 24	1 56	25 2	4 2	14 18	1 29	23 33	0 2	15 58	1 59	14 56	0 15	20 41	0 43	16 32	17 10	9 39	9 44	23 52			n.a.
T 17	6 59	9 55	0n 3	14 59	2 0	25 14	4 3	14 6	1 29	23 34	0 2	15 57	1 59	14 57	0 15	20 41	0 43	16 33	17 10	9 39	9 43	23 54			n.a.
W18	7 23	16 21	1 25	15 33	2 5	25 25	4 4	13 53	1 29	23 34	0 1	15 56	1 59	14 58	0 15	20 41	0 43	16 33	17 10	9 39	9 42	23 56			n.a.
T 19	7 46	21 51	2 41	16 6	2 9	25 35	4 4	13 41	1 29	23 34	0 1	15 55	1 59	14 59	0 15	20 41	0 43	16 33	17 9	9 39	9 41	23 58			n.a.
F 20	8 9	25 55	3 45	16 38	2 12	25 45	4 4	13 28	1 30	23 34	0 1	15 54	2 0	15 0	0 15	20 41	0 43	16 34	17 9	9 39	9 40	24 0			n.a.
S 21	8 32	28 13	4 34	17 8	2 16	25 54	4 5	13 15	1 30	23 34	0 1	15 53	2 0	15 1	0 15	20 41	0 43	16 34	17 9	9 40	9 38	24 2			n.a.
S 22	8 55	28 34	5 5	17 38	2 19	26 2	4 4	13 3	1 30	23 34	0 1	15 52	2 0	15 3	0 15	20 41	0 43	16 34	17 9	9 40	9 37	24 4			n.a.
M23	9 18	27 5	5 17	18 7	2 21	26 10	4 4	12 50	1 31	23 34	0 1	15 50	2 0	15 4	0 15	20 41	0 43	16 34	17 9	9 40	9 36	24 6			n.a.
T 24	9 41	24 1	5 11	18 34	2 24	26 17	4 3	12 37	1 31	23 34	0 1	15 49	2 0	15 5	0 15	20 41	0 43	16 35	17 9	9 40	9 35	24 8			n.a.
W25	10 3	19 44	4 48	19 0	2 25	26 23	4 3	12 24	1 31	23 34	0 0	15 48	2 0	15 6	0 15	20 41	0 43	16 35	17 8	9 40	9 34	24 10			n.a.
T 26	10 26	14 37	4 11	19 24	2 27	26 29	4 2	12 11	1 32	23 34	0 0	15 47	2 0	15 7	0 15	20 41	0 43	16 35	17 8	9 40	9 33	24 12			n.a.
F 27	10 48	8 58	3 22	19 47	2 27	26 34	4 0	11 58	1 32	23 34	0 0	15 46	2 0	15 8	0 15	20 41	0 43	16 35	17 8	9 40	9 31	24 14			n.a.
S 28	11 10	3 4	2 23	20 9	2 27	26 39	3 59	11 45	1 32	23 34	0 0	15 44	2 0	15 9	0 15	20 41	0 43	16 35	17 8	9 40	9 30	24 16			n.a.
S 29	11 32	2s53	1 19	20 28	2 27	26 43	3 57	11 32	1 33	23 34	0n 0	15 43	2 0	15 11	0 15	20 41	0 43	16 36	17 8	9 40	9 29	24 18			n.a.
M30	11 54	8 38	0 12	20 46	2 26	26 46	3 55	11 19	1 33	23 34	0 0	15 42	2 0	15 12	0 15	20 41	0 43	16 36	17 7	9 40	9 28	24 20			n.a.
T 31	12s15	14s 1	0s54	21s 2	2s24	26s49	3s53	11n 5	1n33	23n34	0n 0	15n41	2s 0	15s13	0n15	20s40	0s43	16s36	17s 7	9n40	9n27	24s22			n.a.

Julian Day Number = 1494876.5, Delta T = 05h11m40s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'23, Lahiri = -12°31'22 Julian Calendar 1 Oct. 621 BCE == Greg. Calendar 24 Sept. 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

NOVEMBER 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 14 36	2♏47'24	16♏22	23♏51	16♐ 7	6♍ 2	22°R36	18°R29	11♏25	2♒ 3	27°R34	24°R37	23♈58	3♐39	n.a.	W 1
T 2	2 18 33	3°48'30	28°14	24°51	16°47	6°38	22♊33	18♉25	11°28	2° 4	27♓33	24♈36	23°55	3°45	n.a.	T 2
F 3	2 22 29	4°49'37	10♐ 2	25°47	17°27	7°14	22°30	18°20	11°32	2° 4	27°32	24°34	23°52	3°52	n.a.	F 3
S 4	2 26 26	5°50'45	21°51	26°37	18° 5	7°50	22°26	18°15	11°36	2° 5	27°31	24°33	23°48	3°59	n.a.	S 4
S 5	2 30 22	6°51'53	3♑44	27°21	18°42	8°26	22°23	18°10	11°39	2° 5	27°30	24°31	23°45	4° 5	n.a.	S 5
M 6	2 34 19	7°53'02	15°42	27°59	19°17	9° 2	22°19	18° 6	11°43	2° 6	27°29	24°29	23°42	4°12	n.a.	M 6
T 7	2 38 15	8°54'12	27°52	28°29	19°51	9°38	22°15	18° 1	11°47	2° 6	27°29	24°28	23°39	4°19	n.a.	T 7
W 8	2 42 12	9°55'22	10♒17	28°51	20°24	10°14	22°10	17°56	11°50	2° 7	27°28	24°D28	23°36	4°25	n.a.	W 8
T 9	2 46 9	10°56'33	23° 1	29° 4	20°55	10°50	22° 6	17°51	11°54	2° 8	27°27	24°28	23°32	4°32	n.a.	T 9
F 10	2 50 5	11°57'44	6♓ 9	29°R 6	21°25	11°26	22° 1	17°46	11°58	2° 8	27°26	24°30	23°29	4°39	n.a.	F 10
S 11	2 54 2	12°58'55	19°43	28°58	21°53	12° 2	21°57	17°41	12° 1	2° 9	27°26	24°31	23°26	4°45	n.a.	S 11
S 12	2 57 58	14° 0'06	3♈45	28°38	22°19	12°38	21°52	17°36	12° 5	2°10	27°25	24°32	23°23	4°52	n.a.	S 12
M13	3 1 55	15° 1'18	18°13	28° 7	22°43	13°13	21°47	17°31	12° 9	2°11	27°24	24°R33	23°20	4°59	n.a.	M13
T 14	3 5 51	16° 2'31	3♉ 4	27°24	23° 6	13°49	21°41	17°26	12°12	2°12	27°23	24°33	23°17	5° 6	n.a.	T 14
W15	3 9 48	17° 3'43	18°11	26°30	23°27	14°25	21°36	17°21	12°16	2°12	27°23	24°32	23°13	5°12	n.a.	W15
T 16	3 13 44	18° 4'57	3♊25	25°27	23°45	15° 0	21°30	17°16	12°20	2°13	27°22	24°29	23°10	5°19	n.a.	T 16
F 17	3 17 41	19° 6'10	18°35	24°15	24° 2	15°36	21°25	17°11	12°23	2°14	27°21	24°26	23° 7	5°26	n.a.	F 17
S 18	3 21 38	20° 7'25	3♋32	22°57	24°16	16°11	21°19	17° 6	12°27	2°15	27°21	24°22	23° 4	5°32	n.a.	S 18
S 19	3 25 34	21° 8'40	18° 9	21°35	24°29	16°47	21°13	17° 1	12°31	2°16	27°20	24°19	23° 1	5°39	n.a.	S 19
M20	3 29 31	22° 9'55	2♌21	20°13	24°39	17°22	21° 7	16°56	12°34	2°17	27°19	24°16	22°58	5°46	n.a.	M20
T 21	3 33 27	23°11'11	16° 6	18°52	24°47	17°58	21° 0	16°51	12°38	2°18	27°19	24°15	22°54	5°52	n.a.	T 21
W22	3 37 24	24°12'27	29°24	17°36	24°52	18°33	20°54	16°46	12°41	2°19	27°18	24°D15	22°51	5°59	n.a.	W22
T 23	3 41 20	25°13'44	12♍20	16°27	24°56	19° 8	20°47	16°41	12°45	2°20	27°18	24°16	22°48	6° 6	n.a.	T 23
F 24	3 45 17	26°15'01	24°55	15°26	24°R56	19°44	20°41	16°36	12°49	2°22	27°17	24°17	22°45	6°12	n.a.	F 24
S 25	3 49 14	27°16'19	7♎15	14°35	24°55	20°19	20°34	16°31	12°52	2°23	27°17	24°19	22°42	6°19	n.a.	S 25
S 26	3 53 10	28°17'36	19°23	13°54	24°51	20°54	20°27	16°27	12°56	2°24	27°16	24°R20	22°38	6°26	n.a.	S 26
M27	3 57 7	29°18'54	1♏22	13°23	24°44	21°29	20°20	16°22	12°59	2°25	27°16	24°20	22°35	6°32	n.a.	M27
T 28	4 1 3	0♐20'12	13°16	13° 3	24°35	22° 4	20°13	16°17	13° 3	2°26	27°15	24°18	22°32	6°39	n.a.	T 28
W29	4 5 0	1°21'30	25° 6	12°53	24°23	22°39	20° 5	16°12	13° 7	2°28	27°15	24°14	22°29	6°46	n.a.	W29
T 30	4 8 56	2♐22'48	6♐56	12°D52	24♐ 9	23♍14	19♊58	16♉ 8	13♏10	2♒29	27♓15	24♈ 9	22♈26	6♐52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12s37	18s50	1s58	21s16	2s21	26s51	3s50	10n52	1n34	23n34	0n 1	15n39	2s 0	15s14	0n15	20s40	0s43	16s36	17s 7	9n40	9n25	24s24		n.a.
T 2	12 58	22 54	2 56	21 27	2 17	26 53	3 48	10 39	1 34	23 34	0 1	15 38	2 0	15 15	0 15	20 40	0 43	16 36	17 7	9 40	9 24	24 26		n.a.
F 3	13 19	25 59	3 46	21 36	2 12	26 54	3 44	10 26	1 34	23 34	0 1	15 37	2 0	15 16	0 15	20 40	0 43	16 36	17 7	9 39	9 23	24 28		n.a.
S 4	13 39	27 57	4 27	21 43	2 6	26 54	3 41	10 12	1 34	23 34	0 1	15 35	2 0	15 17	0 14	20 40	0 43	16 37	17 6	9 38	9 22	24 30		n.a.
S 5	14 0	28 39	4 56	21 47	1 59	26 53	3 37	9 59	1 35	23 34	0 1	15 34	2 0	15 19	0 14	20 40	0 43	16 37	17 6	9 38	9 21	24 32		n.a.
M 6	14 20	28 0	5 13	21 47	1 51	26 52	3 33	9 45	1 35	23 34	0 1	15 33	2 0	15 20	0 14	20 40	0 43	16 37	17 6	9 37	9 19	24 34		n.a.
T 7	14 40	26 2	5 16	21 45	1 42	26 51	3 29	9 32	1 35	23 34	0 1	15 31	1 59	15 21	0 14	20 40	0 43	16 37	17 6	9 37	9 18	24 36		n.a.
W 8	15 0	22 47	5 4	21 39	1 31	26 49	3 24	9 18	1 36	23 34	0 2	15 30	1 59	15 22	0 14	20 39	0 43	16 37	17 5	9 37	9 17	24 38		n.a.
T 9	15 19	18 24	4 38	21 30	1 18	26 46	3 19	9 5	1 36	23 34	0 2	15 29	1 59	15 23	0 14	20 39	0 43	16 37	17 5	9 37	9 16	24 40		n.a.
F 10	15 38	13 2	3 57	21 17	1 5	26 43	3 14	8 51	1 36	23 34	0 2	15 27	1 59	15 24	0 14	20 39	0 43	16 37	17 5	9 37	9 15	24 42		n.a.
S 11	15 57	6 53	3 1	21 0	0 49	26 39	3 8	8 38	1 36	23 33	0 2	15 26	1 59	15 26	0 14	20 39	0 43	16 37	17 5	9 38	9 14	24 44		n.a.
S 12	16 16	0 12	1 52	20 40	0 33	26 34	3 2	8 24	1 37	23 33	0 2	15 25	1 59	15 27	0 14	20 39	0 43	16 37	17 4	9 38	9 12	24 46		n.a.
M13	16 34	6n42	0 35	20 15	0 15	26 29	2 55	8 10	1 37	23 33	0 2	15 23	1 59	15 28	0 14	20 39	0 43	16 37	17 4	9 39	9 11	24 47		n.a.
T 14	16 52	13 26	0n47	19 47	0n 5	26 23	2 48	7 57	1 37	23 33	0 2	15 22	1 59	15 29	0 14	20 38	0 43	16 37	17 4	9 38	9 10	24 49		n.a.
W15	17 10	19 30	2 7	19 15	0 24	26 17	2 41	7 43	1 38	23 33	0 3	15 21	1 59	15 30	0 14	20 38	0 43	16 37	17 3	9 38	9 9	24 51		n.a.
T 16	17 27	24 22	3 18	18 40	0 45	26 10	2 33	7 29	1 38	23 33	0 3	15 19	1 59	15 31	0 14	20 38	0 43	16 37	17 3	9 37	9 8	24 53		n.a.
F 17	17 44	27 30	4 15	18 3	1 5	26 3	2 25	7 15	1 38	23 32	0 3	15 18	1 59	15 32	0 14	20 38	0 43	16 37	17 3	9 36	9 6	24 55		n.a.
S 18	18 1	28 37	4 54	17 24	1 25	25 55	2 16	7 2	1 38	23 32	0 3	15 17	1 59	15 34	0 14	20 37	0 43	16 37	17 3	9 35	9 5	24 57		n.a.
S 19	18 18	27 40	5 12	16 45	1 44	25 46	2 7	6 48	1 39	23 32	0 3	15 15	1 59	15 35	0 14	20 37	0 43	16 37	17 2	9 33	9 4	24 59		n.a.
M20	18 34	24 57	5 11	16 6	2 1	25 37	1 57	6 34	1 39	23 32	0 3	15 14	1 58	15 36	0 14	20 37	0 43	16 37	17 2	9 32	9 3	25 1		n.a.
T 21	18 50	20 51	4 52	15 29	2 17	25 27	1 47	6 20	1 39	23 31	0 4	15 13	1 58	15 37	0 14	20 37	0 43	16 37	17 2	9 32	9 2	25 2		n.a.
W22	19 5	15 50	4 17	14 55	2 30	25 17	1 37	6 7	1 39	23 31	0 4	15 12	1 58	15 38	0 14	20 36	0 43	16 37	17 1	9 32	9 0	25 4		n.a.
T 23	19 20	10 15	3 30	14 24	2 42	25 6	1 26	5 53	1 40	23 31	0 4	15 10	1 58	15 39	0 14	20 36	0 43	16 37	17 1	9 32	8 59	25 6		n.a.
F 24	19 35	4 24	2 34	13 58	2 51	24 55	1 14	5 39	1 40	23 30	0 4	15 9	1 58	15 40	0 14	20 36	0 43	16 37	17 1	9 33	8 58	25 8		n.a.
S 25	19 49	1s30	1 32	13 37	2 57	24 43	1 3	5 25	1 40	23 30	0 4	15 8	1 58	15 41	0 14	20 36	0 43	16 37	17 0	9 33	8 57	25 10		n.a.
S 26	20 3	7 16	0 27	13 20	3 2	24 30	0 50	5 12	1 41	23 30	0 4	15 6	1 58	15 43	0 14	20 35	0 43	16 37	17 0	9 34	8 56	25 12		n.a.
M27	20 17	12 43	0s38	13 9	3 4	24 17	0 38	4 58	1 41	23 29	0 5	15 5	1 58	15 44	0 14	20 35	0 43	16 37	17 0	9 34	8 54	25 13		n.a.
T 28	20 30	17 39	1 41	13 2	3 5	24 4	0 24	4 44	1 41	23 29	0 5	15 4	1 57	15 45	0 14	20 35	0 43	16 37	16 59	9 33	8 53	25 15		n.a.
W29	20 43	21 53	2 40	13 0	3 4	23 50	0 11	4 30	1 41	23 29	0 5	15 3	1 57	15 46	0 14	20 34	0 43	16 37	16 59	9 32	8 52	25 17		n.a.
T 30	20s56	25s14	3s31	13s 2	3n 2	23s35	0n 3	4n16	1n42	23n28	0n 5	15n 1	1s57	15s47	0n14	20s34	0s43	16s36	16s59	9n29	8n51	25s19		n.a.

Julian Day Number = 1494907.5, Delta T = 05h11m38s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'19, Lahiri = -12°31'18 Julian Calendar 1 Nov. 621 BCE == Greg. Calendar 25 Oct. 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 621 BCE
geocentric

DECEMBER 621 BCE (-620) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 12 53	3♐24'06	18♐46	13♏ 0	23°R52	23♍49	19°R51	16°R 3	13♏14	2♒30	27°R14	24°R 1	22♈23	6♐59	n.a.	F 1
S 2	4 16 49	4°25'24	0♑38	13°17	23♐33	24°24	19♊43	15♉58	13°17	2°32	27♓14	23♈53	22°19	7° 6	n.a.	S 2
S 3	4 20 46	5°26'41	12°35	13°40	23°12	24°58	19°35	15°54	13°21	2°33	27°13	23°45	22°16	7°12	n.a.	S 3
M 4	4 24 43	6°27'58	24°37	14°11	22°48	25°33	19°28	15°49	13°24	2°35	27°13	23°38	22°13	7°19	n.a.	M 4
T 5	4 28 39	7°29'14	6♒49	14°47	22°23	26° 8	19°20	15°45	13°28	2°36	27°13	23°31	22°10	7°26	n.a.	T 5
W 6	4 32 36	8°30'29	19°13	15°29	21°55	26°42	19°12	15°40	13°31	2°38	27°13	23°27	22° 7	7°33	n.a.	W 6
T 7	4 36 32	9°31'44	1♓53	16°15	21°25	27°17	19° 4	15°36	13°34	2°39	27°12	23°25	22° 4	7°39	n.a.	T 7
F 8	4 40 29	10°32'58	14°52	17° 6	20°54	27°51	18°57	15°32	13°38	2°41	27°12	23°D25	22° 0	7°46	n.a.	F 8
S 9	4 44 25	11°34'11	28°14	18° 1	20°21	28°25	18°49	15°28	13°41	2°42	27°12	23°26	21°57	7°53	n.a.	S 9
S 10	4 48 22	12°35'24	12♈ 2	19° 0	19°47	29° 0	18°41	15°23	13°44	2°44	27°12	23°27	21°54	7°59	n.a.	S 10
M11	4 52 18	13°36'35	26°17	20° 1	19°11	29°34	18°33	15°19	13°48	2°45	27°12	23°R28	21°51	8° 6	n.a.	M11
T 12	4 56 15	14°37'46	10♉59	21° 6	18°35	0♎ 8	18°25	15°15	13°51	2°47	27°11	23°26	21°48	8°13	n.a.	T 12
W13	5 0 12	15°38'56	26° 1	22°12	17°59	0°42	18°17	15°11	13°54	2°49	27°11	23°23	21°44	8°19	n.a.	W13
T 14	5 4 8	16°40'06	11♊18	23°21	17°22	1°16	18° 9	15° 7	13°58	2°50	27°11	23°17	21°41	8°26	n.a.	T 14
F 15	5 8 5	17°41'14	26°37	24°33	16°45	1°50	18° 0	15° 4	14° 1	2°52	27°11	23° 9	21°38	8°33	n.a.	F 15
S 16	5 12 1	18°42'22	11♋48	25°46	16° 8	2°24	17°52	15° 0	14° 4	2°54	27°11	23° 0	21°35	8°39	n.a.	S 16
S 17	5 15 58	19°43'29	26°41	27° 0	15°31	2°57	17°44	14°56	14° 7	2°56	27°11	22°51	21°32	8°46	n.a.	S 17
M18	5 19 54	20°44'36	11♌ 8	28°17	14°55	3°31	17°36	14°53	14°10	2°57	27°D11	22°43	21°29	8°53	n.a.	M18
T 19	5 23 51	21°45'42	25° 5	29°34	14°21	4° 5	17°28	14°49	14°13	2°59	27°11	22°38	21°25	9° 0	n.a.	T 19
W20	5 27 48	22°46'47	8♍32	0♐53	13°47	4°38	17°20	14°46	14°17	3° 1	27°11	22°35	21°22	9° 6	n.a.	W20
T 21	5 31 44	23°47'51	21°30	2°14	13°15	5°12	17°12	14°43	14°20	3° 3	27°11	22°D34	21°19	9°13	n.a.	T 21
F 22	5 35 41	24°48'55	4♎ 5	3°35	12°45	5°45	17° 4	14°39	14°23	3° 5	27°11	22°34	21°16	9°20	n.a.	F 22
S 23	5 39 37	25°49'58	16°21	4°58	12°16	6°18	16°56	14°36	14°26	3° 7	27°11	22°R34	21°13	9°26	n.a.	S 23
S 24	5 43 34	26°51'00	28°24	6°21	11°49	6°51	16°49	14°33	14°29	3° 9	27°11	22°34	21°10	9°33	n.a.	S 24
M25	5 47 30	27°52'02	10♏17	7°45	11°24	7°24	16°41	14°30	14°32	3°10	27°12	22°33	21° 6	9°40	n.a.	M25
T 26	5 51 27	28°53'02	22° 6	9°11	11° 2	7°57	16°33	14°27	14°34	3°12	27°12	22°28	21° 3	9°46	n.a.	T 26
W27	5 55 23	29°54'02	3♐54	10°37	10°42	8°30	16°25	14°25	14°37	3°14	27°12	22°21	21° 0	9°53	n.a.	W27
T 28	5 59 20	0♑55'00	15°44	12° 4	10°24	9° 3	16°18	14°22	14°40	3°16	27°12	22°11	20°57	10° 0	n.a.	T 28
F 29	6 3 17	1°55'58	27°37	13°32	10° 8	9°36	16°10	14°20	14°43	3°18	27°12	21°59	20°54	10° 6	n.a.	F 29
S 30	6 7 13	2°56'54	9♑36	15° 1	9°55	10° 8	16° 3	14°17	14°46	3°20	27°13	21°45	20°50	10°13	n.a.	S 30
S 31	6 11 10	3♑57'49	21♑42	16♐31	9♐45	10♎41	15♊55	14♉15	14♏48	3♒22	27♓13	21♈31	20♈47	10♐20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s 8	27s29	4s13	13s 8	2n58	23s20	0n17	4n 3	1n42	23n28	0n 5	15n 0	1s57	15s48	0n14	20s34	0s43	16s36	16s58	9n27	8n50	25s21		n.a.
S 2	21 19	28 30	4 44	13 17	2 53	23 5	0 32	3 49	1 42	23 27	0 5	14 59	1 57	15 49	0 14	20 34	0 43	16 36	16 58	9 24	8 48	25 22		n.a.
S 3	21 31	28 12	5 3	13 29	2 48	22 49	0 47	3 35	1 42	23 27	0 5	14 58	1 57	15 50	0 14	20 33	0 43	16 36	16 58	9 21	8 47	25 24		n.a.
M 4	21 41	26 33	5 9	13 44	2 42	22 33	1 2	3 21	1 42	23 26	0 6	14 57	1 57	15 51	0 14	20 33	0 43	16 36	16 57	9 18	8 46	25 26		n.a.
T 5	21 52	23 40	5 0	14 2	2 35	22 16	1 17	3 8	1 43	23 26	0 6	14 56	1 56	15 52	0 14	20 32	0 43	16 36	16 57	9 16	8 45	25 28		n.a.
W 6	22 2	19 40	4 38	14 21	2 28	21 59	1 32	2 54	1 43	23 25	0 6	14 55	1 56	15 53	0 14	20 32	0 43	16 35	16 57	9 14	8 44	25 29		n.a.
T 7	22 11	14 43	4 2	14 42	2 20	21 42	1 48	2 40	1 43	23 25	0 6	14 53	1 56	15 54	0 14	20 32	0 43	16 35	16 56	9 13	8 42	25 31		n.a.
F 8	22 20	9 0	3 13	15 4	2 12	21 24	2 4	2 27	1 43	23 24	0 6	14 52	1 56	15 55	0 14	20 31	0 42	16 35	16 56	9 13	8 41	25 33		n.a.
S 9	22 29	2 43	2 12	15 27	2 4	21 6	2 19	2 13	1 44	23 24	0 6	14 51	1 56	15 56	0 14	20 31	0 42	16 35	16 56	9 13	8 40	25 35		n.a.
S 10	22 37	3n53	1 1	15 51	1 56	20 48	2 35	1 59	1 44	23 23	0 7	14 50	1 55	15 57	0 14	20 31	0 42	16 34	16 55	9 14	8 39	25 36		n.a.
M11	22 45	10 31	0n15	16 16	1 48	20 30	2 50	1 46	1 44	23 23	0 7	14 49	1 55	15 58	0 14	20 30	0 42	16 34	16 55	9 14	8 38	25 38		n.a.
T 12	22 52	16 48	1 33	16 41	1 39	20 12	3 5	1 32	1 44	23 22	0 7	14 48	1 55	15 59	0 14	20 30	0 42	16 34	16 55	9 14	8 36	25 40		n.a.
W13	22 59	22 13	2 46	17 7	1 30	19 55	3 20	1 19	1 44	23 22	0 7	14 47	1 55	16 0	0 14	20 29	0 42	16 34	16 54	9 12	8 35	25 41		n.a.
T 14	23 6	26 12	3 48	17 33	1 22	19 37	3 34	1 5	1 45	23 21	0 7	14 46	1 55	16 1	0 14	20 29	0 42	16 33	16 54	9 10	8 34	25 43		n.a.
F 15	23 12	28 17	4 34	17 59	1 13	19 19	3 48	0 52	1 45	23 21	0 7	14 45	1 54	16 2	0 14	20 29	0 42	16 33	16 53	9 7	8 33	25 45		n.a.
S 16	23 17	28 13	5 0	18 25	1 5	19 2	4 1	0 38	1 45	23 20	0 7	14 45	1 54	16 3	0 14	20 28	0 42	16 33	16 53	9 4	8 32	25 47		n.a.
S 17	23 22	26 5	5 5	18 51	0 56	18 46	4 14	0 25	1 45	23 19	0 8	14 44	1 54	16 4	0 14	20 28	0 42	16 32	16 53	9 0	8 30	25 48		n.a.
M18	23 27	22 19	4 50	19 17	0 48	18 30	4 26	0 12	1 45	23 19	0 8	14 43	1 54	16 5	0 14	20 27	0 42	16 32	16 52	8 57	8 29	25 50		n.a.
T 19	23 31	17 23	4 18	19 42	0 39	18 14	4 38	0s 2	1 46	23 18	0 8	14 42	1 54	16 6	0 14	20 27	0 42	16 32	16 52	8 55	8 28	25 52		n.a.
W20	23 34	11 46	3 33	20 7	0 31	17 59	4 49	0 15	1 46	23 18	0 8	14 41	1 53	16 7	0 14	20 27	0 42	16 31	16 52	8 54	8 27	25 53		n.a.
T 21	23 37	5 50	2 38	20 32	0 23	17 45	5 0	0 28	1 46	23 17	0 8	14 40	1 53	16 8	0 14	20 26	0 42	16 31	16 51	8 54	8 26	25 55		n.a.
F 22	23 40	0s10	1 37	20 55	0 15	17 32	5 9	0 42	1 46	23 16	0 8	14 40	1 53	16 9	0 14	20 26	0 42	16 31	16 51	8 54	8 24	25 57		n.a.
S 23	23 42	6 1	0 33	21 19	0 7	17 19	5 18	0 55	1 46	23 16	0 9	14 39	1 53	16 10	0 14	20 25	0 42	16 30	16 51	8 54	8 23	25 58		n.a.
S 24	23 44	11 32	0s31	21 41	0s 1	17 8	5 26	1 8	1 47	23 15	0 9	14 38	1 52	16 11	0 14	20 25	0 42	16 30	16 50	8 54	8 22	26 0		n.a.
M25	23 45	16 35	1 33	22 3	0 9	16 57	5 34	1 21	1 47	23 14	0 9	14 38	1 52	16 12	0 14	20 24	0 42	16 29	16 50	8 53	8 21	26 1		n.a.
T 26	23 46	20 58	2 30	22 24	0 16	16 47	5 41	1 34	1 47	23 14	0 9	14 37	1 52	16 12	0 14	20 24	0 42	16 29	16 49	8 52	8 20	26 3		n.a.
W27	23 46	24 31	3 21	22 44	0 24	16 38	5 47	1 47	1 47	23 13	0 9	14 37	1 52	16 13	0 14	20 23	0 42	16 29	16 49	8 49	8 18	26 5		n.a.
T 28	23 46	27 1	4 3	23 4	0 31	16 30	5 52	2 0	1 47	23 13	0 9	14 36	1 51	16 14	0 14	20 23	0 42	16 28	16 49	8 45	8 17	26 6		n.a.
F 29	23 45	28 19	4 34	23 22	0 38	16 24	5 57	2 13	1 47	23 12	0 9	14 35	1 51	16 15	0 14	20 22	0 42	16 28	16 48	8 41	8 16	26 8		n.a.
S 30	23 44	28 18	4 54	23 39	0 44	16 18	6 1	2 26	1 47	23 11	0 10	14 35	1 51	16 16	0 14	20 22	0 42	16 27	16 48	8 36	8 15	26 9		n.a.
S 31	23s43	26s56	5s 1	23s55	0s51	16s13	6n 4	2s38	1n48	23n11	0n10	14n35	1s51	16s17	0n14	20s22	0s42	16s27	16s48	8n30	8n14	26s11		n.a.

Julian Day Number = 1494937.5, Delta T = 05h11m37s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'15, Lahiri = -12°31'14 Julian Calendar 1 Dec. 621 BCE == Greg. Calendar 24 Nov. 621 BCE

The year -620 astronomical counting style corresponds to year 621 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

JANUARY 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 15 6	4♉58'42	3♒54	18♐ 1	9°R37	11♎13	15°R48	14°R13	14♏51	3♒24	27♓13	21°R18	20♈44	10♐26	n.a.	M 1
T 2	6 19 3	5°59'34	16°16	19°32	9♐31	11°45	15♊41	14♉10	14°54	3°26	27°14	21♈ 7	20°41	10°33	n.a.	T 2
W 3	6 22 59	7° 0'24	28°48	21° 4	9°28	12°17	15°34	14° 8	14°56	3°29	27°14	20°59	20°38	10°40	n.a.	W 3
T 4	6 26 56	8° 1'13	11♓31	22°37	9°D28	12°49	15°27	14° 6	14°59	3°31	27°14	20°54	20°35	10°47	n.a.	T 4
F 5	6 30 53	9° 2'00	24°30	24°11	9°30	13°21	15°20	14° 5	15° 1	3°33	27°15	20°51	20°31	10°53	n.a.	F 5
S 6	6 34 49	10° 2'45	7♈47	25°45	9°34	13°53	15°13	14° 3	15° 4	3°35	27°15	20°D50	20°28	11° 0	n.a.	S 6
S 7	6 38 46	11° 3'28	21°24	27°20	9°40	14°25	15° 7	14° 1	15° 6	3°37	27°15	20°R50	20°25	11° 7	n.a.	S 7
M 8	6 42 42	12° 4'10	5♉24	28°56	9°49	14°56	15° 0	14° 0	15° 9	3°39	27°16	20°50	20°22	11°13	n.a.	M 8
T 9	6 46 39	13° 4'49	19°47	0♉33	10° 0	15°28	14°54	13°58	15°11	3°41	27°16	20°47	20°19	11°20	n.a.	T 9
W10	6 50 35	14° 5'27	4♊31	2°10	10°13	15°59	14°48	13°57	15°14	3°43	27°17	20°42	20°16	11°27	n.a.	W10
T 11	6 54 32	15° 6'03	19°31	3°49	10°28	16°30	14°41	13°56	15°16	3°46	27°17	20°35	20°12	11°33	n.a.	T 11
F 12	6 58 28	16° 6'38	4♋39	5°28	10°45	17° 1	14°35	13°55	15°18	3°48	27°18	20°24	20° 9	11°40	n.a.	F 12
S 13	7 2 25	17° 7'11	19°44	7° 8	11° 5	17°32	14°30	13°54	15°20	3°50	27°19	20°13	20° 6	11°47	n.a.	S 13
S 14	7 6 22	18° 7'42	4♌37	8°49	11°26	18° 3	14°24	13°53	15°22	3°52	27°19	20° 1	20° 3	11°54	n.a.	S 14
M15	7 10 18	19° 8'11	19° 8	10°31	11°49	18°33	14°19	13°53	15°25	3°54	27°20	19°50	20° 0	12° 0	n.a.	M15
T 16	7 14 15	20° 8'38	3♍12	12°14	12°14	19° 4	14°13	13°52	15°27	3°57	27°20	19°42	19°56	12° 7	n.a.	T 16
W17	7 18 11	21° 9'04	16°46	13°58	12°40	19°34	14° 8	13°52	15°29	3°59	27°21	19°36	19°53	12°14	n.a.	W17
T 18	7 22 8	22° 9'29	29°52	15°42	13° 8	20° 4	14° 3	13°51	15°31	4° 1	27°22	19°34	19°50	12°20	n.a.	T 18
F 19	7 26 4	23° 9'52	12♎32	17°28	13°38	20°34	13°58	13°51	15°33	4° 3	27°22	19°33	19°47	12°27	n.a.	F 19
S 20	7 30 1	24°10'13	24°52	19°15	14°10	21° 4	13°53	13°51	15°34	4° 6	27°23	19°33	19°44	12°34	n.a.	S 20
S 21	7 33 57	25°10'33	6♏56	21° 2	14°42	21°34	13°49	13°D51	15°36	4° 8	27°24	19°32	19°41	12°40	n.a.	S 21
M22	7 37 54	26°10'51	18°49	22°51	15°17	22° 3	13°45	13°51	15°38	4°10	27°24	19°30	19°37	12°47	n.a.	M22
T 23	7 41 51	27°11'08	0♐38	24°40	15°52	22°32	13°40	13°51	15°40	4°12	27°25	19°26	19°34	12°54	n.a.	T 23
W24	7 45 47	28°11'23	12°26	26°31	16°29	23° 2	13°36	13°51	15°42	4°15	27°26	19°19	19°31	13° 0	n.a.	W24
T 25	7 49 44	29°11'36	24°19	28°22	17° 7	23°31	13°33	13°52	15°43	4°17	27°27	19°10	19°28	13° 7	n.a.	T 25
F 26	7 53 40	0♒11'48	6♉17	0♒15	17°46	23°59	13°29	13°52	15°45	4°19	27°28	18°57	19°25	13°14	n.a.	F 26
S 27	7 57 37	1°11'58	18°24	2° 8	18°27	24°28	13°25	13°53	15°46	4°21	27°28	18°44	19°22	13°21	n.a.	S 27
S 28	8 1 33	2°12'05	0♒41	4° 2	19° 8	24°56	13°22	13°54	15°48	4°24	27°29	18°30	19°18	13°27	n.a.	S 28
M29	8 5 30	3°12'11	13° 8	5°57	19°51	25°25	13°19	13°55	15°49	4°26	27°30	18°16	19°15	13°34	n.a.	M29
T 30	8 9 26	4°12'15	25°46	7°53	20°35	25°53	13°16	13°56	15°51	4°28	27°31	18° 5	19°12	13°41	n.a.	T 30
W31	8 13 23	5♒12'16	8♓34	9♒49	21♐19	26♎20	13♊14	13♉57	15♏52	4♒31	27♓32	17♈57	19♈ 9	13♐47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s41	24s18	4s54	24s10	0s57	16s 9	6n 7	2s51	1n48	23n10	0n10	14n34	1s50	16s17	0n14	20s21	0s42	16s27	16s47	8n25	8n12	26s13			n.a.
T 2	23 38	20 30	4 33	24 24	1 3	16 6	6 9	3 4	1 48	23 9	0 10	14 34	1 50	16 18	0 14	20 21	0 42	16 26	16 47	8 21	8 11	26 14			n.a.
W 3	23 35	15 46	3 58	24 37	1 9	16 4	6 11	3 16	1 48	23 9	0 10	14 33	1 50	16 19	0 14	20 20	0 42	16 26	16 47	8 18	8 10	26 16			n.a.
T 4	23 32	10 17	3 12	24 48	1 14	16 3	6 12	3 29	1 48	23 8	0 10	14 33	1 50	16 20	0 14	20 20	0 42	16 25	16 46	8 16	8 9	26 17			n.a.
F 5	23 28	4 16	2 14	24 58	1 20	16 2	6 13	3 41	1 48	23 7	0 10	14 33	1 49	16 21	0 14	20 19	0 42	16 25	16 46	8 15	8 7	26 19			n.a.
S 6	23 23	2n 5	1 8	25 7	1 25	16 3	6 13	3 54	1 48	23 7	0 10	14 32	1 49	16 21	0 14	20 19	0 42	16 24	16 45	8 15	8 6	26 20			n.a.
S 7	23 18	8 30	0n 3	25 14	1 30	16 4	6 13	4 6	1 48	23 6	0 11	14 32	1 49	16 22	0 14	20 18	0 42	16 24	16 45	8 15	8 5	26 22			n.a.
M 8	23 13	14 42	1 16	25 20	1 34	16 6	6 12	4 18	1 48	23 6	0 11	14 32	1 49	16 23	0 14	20 18	0 42	16 23	16 45	8 14	8 4	26 23			n.a.
T 9	23 7	20 17	2 27	25 25	1 38	16 9	6 11	4 30	1 48	23 5	0 11	14 32	1 48	16 23	0 14	20 17	0 42	16 23	16 44	8 14	8 3	26 25			n.a.
W10	23 1	24 45	3 29	25 27	1 42	16 12	6 9	4 42	1 49	23 4	0 11	14 32	1 48	16 24	0 14	20 17	0 42	16 22	16 44	8 12	8 1	26 26			n.a.
T 11	22 54	27 38	4 18	25 29	1 46	16 16	6 7	4 54	1 49	23 4	0 11	14 32	1 48	16 25	0 14	20 16	0 42	16 22	16 44	8 9	8 0	26 28			n.a.
F 12	22 47	28 30	4 49	25 28	1 49	16 21	6 5	5 6	1 49	23 3	0 11	14 32	1 48	16 25	0 14	20 15	0 42	16 21	16 43	8 5	7 59	26 29			n.a.
S 13	22 40	27 14	5 0	25 26	1 52	16 26	6 2	5 18	1 49	23 3	0 11	14 32	1 47	16 26	0 14	20 15	0 42	16 21	16 43	8 0	7 58	26 31			n.a.
S 14	22 32	24 4	4 50	25 23	1 55	16 32	6 0	5 30	1 49	23 2	0 11	14 32	1 47	16 27	0 14	20 14	0 42	16 20	16 43	7 56	7 57	26 32			n.a.
M15	22 23	19 26	4 22	25 17	1 57	16 38	5 56	5 42	1 49	23 2	0 12	14 32	1 47	16 27	0 14	20 14	0 42	16 19	16 42	7 52	7 55	26 34			n.a.
T 16	22 14	13 52	3 39	25 10	1 59	16 44	5 53	5 53	1 49	23 1	0 12	14 32	1 46	16 28	0 14	20 13	0 42	16 19	16 42	7 49	7 54	26 35			n.a.
W17	22 5	7 48	2 44	25 1	2 0	16 51	5 49	6 5	1 49	23 1	0 12	14 32	1 46	16 29	0 14	20 13	0 42	16 18	16 42	7 46	7 53	26 37			n.a.
T 18	21 55	1 36	1 42	24 50	2 1	16 59	5 46	6 17	1 49	23 0	0 12	14 32	1 46	16 29	0 14	20 12	0 42	16 18	16 41	7 45	7 52	26 38			n.a.
F 19	21 45	4s27	0 37	24 37	2 2	17 6	5 41	6 28	1 49	23 0	0 12	14 32	1 46	16 30	0 14	20 12	0 42	16 17	16 41	7 45	7 50	26 40			n.a.
S 20	21 35	10 12	0s28	24 23	2 2	17 14	5 37	6 39	1 49	22 59	0 12	14 32	1 45	16 30	0 14	20 11	0 42	16 17	16 41	7 45	7 49	26 41			n.a.
S 21	21 24	15 26	1 31	24 6	2 1	17 22	5 33	6 51	1 49	22 59	0 12	14 33	1 45	16 31	0 14	20 11	0 42	16 16	16 40	7 45	7 48	26 43			n.a.
M22	21 12	20 2	2 28	23 47	2 1	17 31	5 28	7 2	1 49	22 58	0 12	14 33	1 45	16 31	0 14	20 10	0 42	16 15	16 40	7 44	7 47	26 44			n.a.
T 23	21 1	23 48	3 19	23 27	1 59	17 39	5 23	7 13	1 49	22 58	0 13	14 33	1 45	16 32	0 14	20 10	0 42	16 15	16 40	7 43	7 46	26 45			n.a.
W24	20 49	26 35	4 1	23 4	1 58	17 48	5 19	7 24	1 49	22 58	0 13	14 34	1 44	16 32	0 14	20 9	0 42	16 14	16 39	7 40	7 44	26 47			n.a.
T 25	20 36	28 11	4 33	22 39	1 55	17 56	5 13	7 35	1 48	22 57	0 13	14 34	1 44	16 33	0 14	20 9	0 42	16 14	16 39	7 36	7 43	26 48			n.a.
F 26	20 23	28 30	4 53	22 12	1 52	18 5	5 8	7 45	1 48	22 57	0 13	14 34	1 44	16 33	0 14	20 8	0 43	16 13	16 39	7 31	7 42	26 50			n.a.
S 27	20 10	27 26	5 0	21 44	1 49	18 14	5 3	7 56	1 48	22 57	0 13	14 35	1 43	16 34	0 14	20 8	0 43	16 12	16 39	7 26	7 41	26 51			n.a.
S 28	19 57	25 3	4 53	21 13	1 45	18 23	4 58	8 7	1 48	22 56	0 13	14 35	1 43	16 34	0 14	20 7	0 43	16 12	16 38	7 21	7 40	26 52			n.a.
M29	19 43	21 27	4 33	20 40	1 40	18 31	4 52	8 17	1 48	22 56	0 13	14 36	1 43	16 35	0 14	20 6	0 43	16 11	16 38	7 16	7 38	26 54			n.a.
T 30	19 28	16 50	3 59	20 5	1 35	18 40	4 47	8 28	1 48	22 56	0 13	14 37	1 43	16 35	0 14	20 6	0 43	16 11	16 38	7 11	7 37	26 55			n.a.
W31	19s14	11s26	3s12	19s28	1s29	18s49	4n41	8s38	1n48	22n55	0n13	14n37	1s42	16s35	0n14	20s 5	0s43	16s10	16s37	7n 8	7n36	26s56			n.a.

Julian Day Number = 1494968.5, Delta T = 05h11m35s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'10, Lahiri = -12°31'10 Julian Calendar 1 Jan. 620 BCE == Greg. Calendar 25 Dec. 621 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

FEBRUARY 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 17 20	6♒12'15	21♓33	11♒45	22♐ 5	26♎48	13°R11	13♉58	15♏53	4♒33	27♓33	17°R51	19♈ 6	13♐54	n.a.	T 1
F 2	8 21 16	7°12'12	4♈44	13°42	22°51	27°15	13♊ 9	13°59	15°55	4°35	27°34	17♈48	19° 2	14° 1	n.a.	F 2
S 3	8 25 13	8°12'07	18° 7	15°39	23°38	27°42	13° 7	14° 1	15°56	4°37	27°35	17°D48	18°59	14° 7	n.a.	S 3
S 4	8 29 9	9°11'59	1♉45	17°36	24°26	28° 9	13° 5	14° 3	15°57	4°40	27°36	17°48	18°56	14°14	n.a.	S 4
M 5	8 33 6	10°11'49	15°39	19°33	25°15	28°36	13° 3	14° 4	15°58	4°42	27°37	17°R48	18°53	14°21	n.a.	M 5
T 6	8 37 2	11°11'37	29°48	21°29	26° 5	29° 2	13° 1	14° 6	15°59	4°44	27°38	17°47	18°50	14°28	n.a.	T 6
W 7	8 40 59	12°11'22	14♊12	23°24	26°55	29°29	13° 0	14° 8	16° 0	4°46	27°39	17°43	18°47	14°34	n.a.	W 7
T 8	8 44 55	13°11'05	28°48	25°17	27°46	29°55	12°59	14°10	16° 1	4°49	27°40	17°37	18°43	14°41	n.a.	T 8
F 9	8 48 52	14°10'46	13♋31	27° 9	28°38	0♏20	12°58	14°12	16° 2	4°51	27°41	17°28	18°40	14°48	n.a.	F 9
S 10	8 52 49	15°10'24	28°13	28°59	29°30	0°46	12°57	14°14	16° 3	4°53	27°42	17°19	18°37	14°54	n.a.	S 10
S 11	8 56 45	16°10'00	12♌47	0♓46	0♑23	1°11	12°57	14°17	16° 4	4°55	27°43	17° 9	18°34	15° 1	n.a.	S 11
M12	9 0 42	17° 9'34	27° 6	2°31	1°17	1°36	12°56	14°19	16° 4	4°58	27°44	17° 0	18°31	15° 8	n.a.	M12
T 13	9 4 38	18° 9'06	11♍ 3	4°11	2°11	2° 0	12°D56	14°22	16° 5	5° 0	27°45	16°53	18°28	15°14	n.a.	T 13
W14	9 8 35	19° 8'35	24°36	5°48	3° 6	2°25	12°56	14°24	16° 6	5° 2	27°46	16°48	18°24	15°21	n.a.	W14
T 15	9 12 31	20° 8'03	7♎43	7°21	4° 1	2°49	12°56	14°27	16° 6	5° 4	27°47	16°46	18°21	15°28	n.a.	T 15
F 16	9 16 28	21° 7'28	20°27	8°48	4°57	3°13	12°57	14°30	16° 7	5° 7	27°48	16°D46	18°18	15°35	n.a.	F 16
S 17	9 20 24	22° 6'52	2♏50	10°11	5°53	3°36	12°57	14°33	16° 7	5° 9	27°49	16°46	18°15	15°41	n.a.	S 17
S 18	9 24 21	23° 6'14	14°57	11°27	6°50	3°59	12°58	14°36	16° 8	5°11	27°51	16°47	18°12	15°48	n.a.	S 18
M19	9 28 17	24° 5'34	26°54	12°38	7°48	4°22	12°59	14°39	16° 8	5°13	27°52	16°R48	18° 8	15°55	n.a.	M19
T 20	9 32 14	25° 4'52	8♐45	13°42	8°45	4°45	13° 0	14°42	16° 8	5°15	27°53	16°47	18° 5	16° 1	n.a.	T 20
W21	9 36 11	26° 4'08	20°36	14°39	9°43	5° 7	13° 1	14°45	16° 9	5°17	27°54	16°43	18° 2	16° 8	n.a.	W21
T 22	9 40 7	27° 3'23	2♑31	15°30	10°42	5°29	13° 3	14°49	16° 9	5°20	27°55	16°38	17°59	16°15	n.a.	T 22
F 23	9 44 4	28° 2'35	14°34	16°14	11°41	5°50	13° 5	14°52	16° 9	5°22	27°57	16°31	17°56	16°21	n.a.	F 23
S 24	9 48 0	29° 1'46	26°48	16°50	12°40	6°12	13° 7	14°56	16° 9	5°24	27°58	16°23	17°53	16°28	n.a.	S 24
S 25	9 51 57	0♓ 0'54	9♒15	17°19	13°40	6°32	13° 9	15° 0	16°R 9	5°26	27°59	16°14	17°49	16°35	n.a.	S 25
M26	9 55 53	1° 0'00	21°57	17°41	14°40	6°53	13°11	15° 4	16° 9	5°28	28° 0	16° 5	17°46	16°42	n.a.	M26
T 27	9 59 50	1°59'04	4♓52	17°56	15°41	7°13	13°13	15° 8	16° 9	5°30	28° 2	15°59	17°43	16°48	n.a.	T 27
W28	10 3 46	2♓58'06	18♓ 2	18♓ 3	16♑41	7♏32	13♊16	15♉12	16♏ 9	5♒32	28♓ 3	15♈53	17♈40	16♐55	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s59	5s27	2s14	18s50	1s23	18s57	4n35	8s48	1n48	22n55	0n14	14n38	1s42	16s36	0n14	20s 5	0s43	16s 9	16s37	7n 6	7n35	26s58		n.a.
F 2	18 44	0n51	1 9	18 9	1 16	19 5	4 30	8 58	1 47	22 55	0 14	14 38	1 42	16 36	0 14	20 4	0 43	16 9	16 37	7 5	7 33	26 59		n.a.
S 3	18 28	7 14	0n 2	17 27	1 8	19 14	4 24	9 8	1 47	22 55	0 14	14 39	1 42	16 36	0 14	20 4	0 43	16 8	16 37	7 5	7 32	27 0		n.a.
S 4	18 12	13 24	1 13	16 43	1 0	19 22	4 18	9 18	1 47	22 55	0 14	14 40	1 41	16 37	0 14	20 3	0 43	16 7	16 36	7 5	7 31	27 2		n.a.
M 5	17 56	19 1	2 22	15 58	0 51	19 29	4 12	9 28	1 47	22 55	0 14	14 41	1 41	16 37	0 14	20 3	0 43	16 7	16 36	7 5	7 30	27 3		n.a.
T 6	17 39	23 42	3 24	15 11	0 41	19 37	4 6	9 37	1 47	22 55	0 14	14 41	1 41	16 37	0 14	20 2	0 43	16 6	16 36	7 4	7 29	27 4		n.a.
W 7	17 23	27 1	4 13	14 24	0 31	19 44	4 0	9 47	1 46	22 54	0 14	14 42	1 40	16 38	0 14	20 2	0 43	16 6	16 35	7 3	7 27	27 6		n.a.
T 8	17 6	28 33	4 47	13 35	0 20	19 51	3 54	9 56	1 46	22 54	0 14	14 43	1 40	16 38	0 14	20 1	0 43	16 5	16 35	7 0	7 26	27 7		n.a.
F 9	16 48	28 5	5 2	12 46	0 9	19 58	3 48	10 6	1 46	22 54	0 14	14 44	1 40	16 38	0 14	20 0	0 43	16 4	16 35	6 57	7 25	27 8		n.a.
S 10	16 31	25 39	4 58	11 56	0n 3	20 5	3 42	10 15	1 46	22 54	0 14	14 45	1 40	16 38	0 14	20 0	0 43	16 4	16 35	6 53	7 24	27 10		n.a.
S 11	16 13	21 34	4 34	11 7	0 15	20 11	3 36	10 24	1 45	22 54	0 14	14 46	1 39	16 39	0 14	19 59	0 43	16 3	16 34	6 50	7 22	27 11		n.a.
M12	15 54	16 17	3 53	10 17	0 28	20 16	3 30	10 33	1 45	22 54	0 15	14 47	1 39	16 39	0 14	19 59	0 43	16 2	16 34	6 46	7 21	27 12		n.a.
T 13	15 36	10 16	2 59	9 28	0 41	20 22	3 23	10 42	1 45	22 55	0 15	14 48	1 39	16 39	0 14	19 58	0 43	16 2	16 34	6 43	7 20	27 13		n.a.
W14	15 17	3 57	1 56	8 40	0 54	20 27	3 17	10 51	1 44	22 55	0 15	14 49	1 39	16 39	0 14	19 58	0 43	16 1	16 34	6 42	7 19	27 15		n.a.
T 15	14 58	2s22	0 48	7 53	1 7	20 32	3 11	11 0	1 44	22 55	0 15	14 50	1 38	16 39	0 14	19 57	0 43	16 0	16 34	6 41	7 18	27 16		n.a.
F 16	14 39	8 24	0s20	7 8	1 21	20 36	3 5	11 8	1 44	22 55	0 15	14 51	1 38	16 40	0 14	19 57	0 43	16 0	16 33	6 41	7 16	27 17		n.a.
S 17	14 20	13 57	1 25	6 25	1 34	20 40	2 59	11 17	1 43	22 55	0 15	14 52	1 38	16 40	0 14	19 56	0 43	15 59	16 33	6 41	7 15	27 18		n.a.
S 18	14 0	18 52	2 25	5 43	1 47	20 43	2 53	11 25	1 43	22 55	0 15	14 53	1 38	16 40	0 14	19 56	0 43	15 58	16 33	6 41	7 14	27 20		n.a.
M19	13 40	22 57	3 18	5 4	2 0	20 46	2 47	11 33	1 42	22 55	0 15	14 54	1 37	16 40	0 14	19 55	0 43	15 58	16 33	6 41	7 13	27 21		n.a.
T 20	13 20	26 3	4 2	4 28	2 12	20 49	2 40	11 41	1 42	22 56	0 15	14 56	1 37	16 40	0 14	19 55	0 43	15 57	16 32	6 41	7 11	27 22		n.a.
W21	13 0	28 1	4 36	3 55	2 24	20 51	2 34	11 49	1 41	22 56	0 15	14 57	1 37	16 40	0 14	19 54	0 43	15 56	16 32	6 40	7 10	27 23		n.a.
T 22	12 40	28 43	4 58	3 24	2 35	20 52	2 28	11 57	1 41	22 56	0 15	14 58	1 37	16 40	0 14	19 54	0 43	15 56	16 32	6 38	7 9	27 24		n.a.
F 23	12 19	28 3	5 7	2 58	2 46	20 53	2 22	12 5	1 40	22 56	0 16	14 59	1 36	16 40	0 14	19 53	0 43	15 55	16 32	6 35	7 8	27 26		n.a.
S 24	11 58	26 1	5 2	2 34	2 56	20 54	2 16	12 12	1 40	22 57	0 16	15 1	1 36	16 40	0 14	19 53	0 43	15 54	16 32	6 32	7 6	27 27		n.a.
S 25	11 37	22 43	4 43	2 15	3 5	20 54	2 10	12 20	1 39	22 57	0 16	15 2	1 36	16 40	0 14	19 52	0 43	15 54	16 32	6 28	7 5	27 28		n.a.
M26	11 16	18 19	4 9	1 59	3 13	20 54	2 4	12 27	1 38	22 58	0 16	15 3	1 36	16 40	0 14	19 52	0 43	15 53	16 31	6 25	7 4	27 29		n.a.
T 27	10 55	13 0	3 23	1 47	3 19	20 53	1 58	12 34	1 38	22 58	0 16	15 5	1 35	16 40	0 14	19 51	0 43	15 52	16 31	6 22	7 3	27 30		n.a.
W28	10s33	7s 1	2s25	1s39	3n25	20s51	1n53	12s42	1n37	22n58	0n16	15n 6	1s35	16s40	0n14	19s51	0s43	15s52	16s31	6n20	7n 2	27s31		n.a.

Julian Day Number = 1494999.5, Delta T = 05h11m34s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'06, Lahiri = -12°31'06 Julian Calendar 1 Feb. 620 BCE == Greg. Calendar 25 Jan. 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

MARCH 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 7 43	3♓57'06	1♈23	18°R 3	17♉42	7♏51	13♊19	15♉16	16°R 9	5♒34	28♓ 4	15°R50	17♈37	17♐ 2	n.a.	T 1
F 2	10 11 40	4°56'03	14°56	17♓57	18°44	8°10	13°22	15°20	16♏ 9	5°36	28° 5	15°D49	17°34	17° 8	n.a.	F 2
S 3	10 15 36	5°54'58	28°39	17°43	19°45	8°29	13°25	15°24	16° 8	5°38	28° 7	15♈50	17°30	17°15	n.a.	S 3
S 4	10 19 33	6°53'51	12♉31	17°24	20°47	8°47	13°28	15°29	16° 8	5°40	28° 8	15°51	17°27	17°22	n.a.	S 4
M 5	10 23 29	7°52'41	26°31	16°59	21°49	9° 4	13°32	15°33	16° 8	5°42	28° 9	15°53	17°24	17°29	n.a.	M 5
T 6	10 27 26	8°51'29	10♊39	16°29	22°52	9°21	13°36	15°38	16° 7	5°44	28°11	15°R53	17°21	17°35	n.a.	T 6
W 7	10 31 22	9°50'15	24°52	15°54	23°55	9°38	13°40	15°42	16° 7	5°46	28°12	15°52	17°18	17°42	n.a.	W 7
T 8	10 35 19	10°48'58	9♋ 9	15°16	24°58	9°54	13°44	15°47	16° 6	5°48	28°13	15°50	17°14	17°49	n.a.	T 8
F 9	10 39 15	11°47'39	23°27	14°35	26° 1	10° 9	13°48	15°52	16° 6	5°50	28°15	15°46	17°11	17°55	n.a.	F 9
S 10	10 43 12	12°46'18	7♌41	13°52	27° 4	10°25	13°52	15°57	16° 5	5°52	28°16	15°41	17° 8	18° 2	n.a.	S 10
S 11	10 47 9	13°44'54	21°46	13° 7	28° 8	10°39	13°57	16° 2	16° 4	5°54	28°17	15°36	17° 5	18° 9	n.a.	S 11
M12	10 51 5	14°43'28	5♍40	12°22	29°12	10°53	14° 2	16° 7	16° 4	5°56	28°19	15°31	17° 2	18°15	n.a.	M12
T 13	10 55 2	15°42'00	19°17	11°38	0♒16	11° 7	14° 6	16°12	16° 3	5°58	28°20	15°28	16°59	18°22	n.a.	T 13
W14	10 58 58	16°40'29	2♎36	10°55	1°20	11°20	14°12	16°17	16° 2	6° 0	28°21	15°26	16°55	18°29	n.a.	W14
T 15	11 2 55	17°38'57	15°35	10°13	2°25	11°33	14°17	16°22	16° 1	6° 1	28°23	15°D25	16°52	18°36	n.a.	T 15
F 16	11 6 51	18°37'23	28°15	9°35	3°30	11°45	14°22	16°27	16° 0	6° 3	28°24	15°26	16°49	18°42	n.a.	F 16
S 17	11 10 48	19°35'48	10♏37	9° 0	4°35	11°56	14°28	16°33	15°59	6° 5	28°25	15°27	16°46	18°49	n.a.	S 17
S 18	11 14 44	20°34'10	22°46	8°28	5°40	12° 7	14°33	16°38	15°58	6° 7	28°27	15°29	16°43	18°56	n.a.	S 18
M19	11 18 41	21°32'31	4♐45	8° 1	6°45	12°17	14°39	16°44	15°57	6° 9	28°28	15°30	16°39	19° 2	n.a.	M19
T 20	11 22 37	22°30'50	16°38	7°38	7°51	12°27	14°45	16°50	15°56	6°10	28°29	15°31	16°36	19° 9	n.a.	T 20
W21	11 26 34	23°29'08	28°31	7°19	8°56	12°36	14°51	16°55	15°55	6°12	28°31	15°R31	16°33	19°16	n.a.	W21
T 22	11 30 31	24°27'24	10♉27	7° 6	10° 2	12°45	14°58	17° 1	15°54	6°14	28°32	15°30	16°30	19°23	n.a.	T 22
F 23	11 34 27	25°25'38	22°33	6°57	11° 8	12°52	15° 4	17° 7	15°53	6°15	28°34	15°29	16°27	19°29	n.a.	F 23
S 24	11 38 24	26°23'50	4♒50	6°D54	12°14	13° 0	15°10	17°13	15°52	6°17	28°35	15°26	16°24	19°36	n.a.	S 24
S 25	11 42 20	27°22'01	17°23	6°55	13°20	13° 6	15°17	17°19	15°50	6°19	28°36	15°24	16°20	19°43	n.a.	S 25
M26	11 46 17	28°20'11	0♓15	7° 2	14°27	13°12	15°24	17°25	15°49	6°20	28°38	15°21	16°17	19°49	n.a.	M26
T 27	11 50 13	29°18'18	13°25	7°13	15°33	13°17	15°31	17°31	15°47	6°22	28°39	15°19	16°14	19°56	n.a.	T 27
W28	11 54 10	0♈16'24	26°53	7°28	16°40	13°21	15°38	17°37	15°46	6°23	28°41	15°17	16°11	20° 3	n.a.	W28
T 29	11 58 6	1°14'28	10♈38	7°49	17°47	13°25	15°45	17°43	15°45	6°25	28°42	15°D17	16° 8	20° 9	n.a.	T 29
F 30	12 2 3	2°12'30	24°37	8°14	18°54	13°28	15°53	17°49	15°43	6°26	28°43	15°17	16° 5	20°16	n.a.	F 30
S 31	12 5 59	3♈10'30	8♉47	8♓43	20♒ 1	13♏30	16♊ 0	17♉56	15♏41	6♒28	28♓45	15♈18	16♈ 1	20♐23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10s12	0s37	1s17	1s35	3n29	20s49	1n47	12s48	1n36	22n59	0n16	15n 8	1s35	16s40	0n14	19s50	0s43	15s51	16s31	6n19	7n 0	27s32			n.a.
F 2	9 50	5n53	0 5	1 36	3 31	20 47	1 41	12 55	1 35	22 59	0 16	15 9	1 35	16 40	0 14	19 50	0 43	15 51	16 31	6 19	6 59	27 34			n.a.
S 3	9 28	12 13	1n 9	1 40	3 32	20 44	1 35	13 2	1 35	23 0	0 16	15 11	1 34	16 40	0 14	19 49	0 43	15 50	16 31	6 19	6 58	27 35			n.a.
S 4	9 6	18 1	2 20	1 48	3 32	20 40	1 30	13 9	1 34	23 0	0 16	15 12	1 34	16 40	0 14	19 49	0 43	15 49	16 30	6 19	6 57	27 36			n.a.
M 5	8 44	22 56	3 23	1 59	3 30	20 36	1 24	13 15	1 33	23 1	0 16	15 14	1 34	16 40	0 14	19 48	0 43	15 49	16 30	6 20	6 55	27 37			n.a.
T 6	8 22	26 33	4 14	2 15	3 26	20 31	1 18	13 21	1 32	23 1	0 16	15 15	1 34	16 40	0 14	19 48	0 43	15 48	16 30	6 20	6 54	27 38			n.a.
W 7	7 59	28 31	4 51	2 33	3 21	20 26	1 13	13 27	1 31	23 2	0 16	15 17	1 33	16 40	0 14	19 47	0 43	15 47	16 30	6 20	6 53	27 39			n.a.
T 8	7 37	28 35	5 9	2 54	3 14	20 20	1 7	13 33	1 30	23 2	0 17	15 18	1 33	16 39	0 14	19 47	0 43	15 47	16 30	6 19	6 52	27 40			n.a.
F 9	7 14	26 46	5 8	3 18	3 6	20 14	1 2	13 39	1 29	23 3	0 17	15 20	1 33	16 39	0 14	19 46	0 43	15 46	16 30	6 17	6 50	27 41			n.a.
S 10	6 51	23 15	4 49	3 44	2 56	20 7	0 56	13 45	1 28	23 4	0 17	15 22	1 33	16 39	0 14	19 46	0 43	15 45	16 30	6 15	6 49	27 42			n.a.
S 11	6 29	18 24	4 12	4 12	2 45	19 59	0 51	13 51	1 27	23 4	0 17	15 23	1 33	16 39	0 14	19 45	0 43	15 45	16 30	6 13	6 48	27 43			n.a.
M12	6 6	12 39	3 20	4 40	2 32	19 51	0 46	13 56	1 26	23 5	0 17	15 25	1 32	16 39	0 14	19 45	0 43	15 44	16 29	6 12	6 47	27 44			n.a.
T 13	5 43	6 25	2 18	5 10	2 19	19 43	0 41	14 2	1 25	23 5	0 17	15 27	1 32	16 38	0 14	19 45	0 43	15 43	16 29	6 10	6 46	27 45			n.a.
W14	5 20	0 1	1 10	5 40	2 4	19 34	0 36	14 7	1 24	23 6	0 17	15 28	1 32	16 38	0 14	19 44	0 43	15 43	16 29	6 9	6 44	27 46			n.a.
T 15	4 57	6s14	0s 1	6 10	1 49	19 24	0 31	14 12	1 23	23 7	0 17	15 30	1 32	16 38	0 14	19 44	0 43	15 42	16 29	6 9	6 43	27 47			n.a.
F 16	4 34	12 5	1 10	6 39	1 33	19 14	0 26	14 17	1 21	23 8	0 17	15 32	1 31	16 38	0 14	19 43	0 43	15 42	16 29	6 9	6 42	27 48			n.a.
S 17	4 10	17 20	2 14	7 7	1 17	19 3	0 21	14 22	1 20	23 8	0 17	15 34	1 31	16 37	0 14	19 43	0 43	15 41	16 29	6 10	6 41	27 50			n.a.
S 18	3 47	21 48	3 11	7 34	1 1	18 52	0 16	14 26	1 19	23 9	0 17	15 35	1 31	16 37	0 14	19 42	0 43	15 40	16 29	6 11	6 39	27 51			n.a.
M19	3 24	25 17	3 59	7 59	0 45	18 40	0 11	14 31	1 17	23 10	0 17	15 37	1 31	16 37	0 14	19 42	0 44	15 40	16 29	6 11	6 38	27 51			n.a.
T 20	3 1	27 40	4 36	8 23	0 29	18 28	0 6	14 35	1 16	23 10	0 17	15 39	1 31	16 36	0 14	19 42	0 44	15 39	16 29	6 12	6 37	27 52			n.a.
W21	2 37	28 47	5 1	8 45	0 13	18 15	0 2	14 39	1 14	23 11	0 17	15 41	1 30	16 36	0 14	19 41	0 44	15 39	16 29	6 12	6 36	27 53			n.a.
T 22	2 14	28 34	5 13	9 4	0s 3	18 1	0s 3	14 43	1 13	23 12	0 18	15 43	1 30	16 36	0 14	19 41	0 44	15 38	16 29	6 11	6 34	27 54			n.a.
F 23	1 51	26 59	5 12	9 21	0 18	17 47	0 7	14 47	1 11	23 13	0 18	15 44	1 30	16 35	0 14	19 40	0 44	15 37	16 29	6 11	6 33	27 55			n.a.
S 24	1 27	24 7	4 57	9 36	0 33	17 33	0 12	14 51	1 10	23 14	0 18	15 46	1 30	16 35	0 14	19 40	0 44	15 37	16 29	6 10	6 32	27 56			n.a.
S 25	1 4	20 4	4 27	9 49	0 47	17 18	0 16	14 54	1 8	23 14	0 18	15 48	1 30	16 35	0 14	19 40	0 44	15 36	16 29	6 9	6 31	27 57			n.a.
M26	0 40	15 1	3 43	9 59	1 0	17 3	0 20	14 58	1 6	23 15	0 18	15 50	1 29	16 34	0 14	19 39	0 44	15 36	16 29	6 8	6 29	27 58			n.a.
T 27	0 17	9 10	2 47	10 6	1 13	16 47	0 24	15 1	1 5	23 16	0 18	15 52	1 29	16 34	0 14	19 39	0 44	15 35	16 29	6 7	6 28	27 59			n.a.
W28	0n 7	2 47	1 40	10 12	1 25	16 30	0 28	15 4	1 3	23 17	0 18	15 54	1 29	16 33	0 14	19 39	0 44	15 35	16 29	6 6	6 27	28 0			n.a.
T 29	0 30	3n53	0 26	10 14	1 36	16 14	0 32	15 7	1 1	23 18	0 18	15 56	1 29	16 33	0 14	19 38	0 44	15 34	16 29	6 6	6 26	28 1			n.a.
F 30	0 53	10 28	0n51	10 15	1 47	15 56	0 36	15 10	0 59	23 19	0 18	15 58	1 29	16 33	0 14	19 38	0 44	15 33	16 29	6 6	6 25	28 2			n.a.
S 31	1n17	16n37	2n 6	10s13	1s57	15s38	0s40	15s13	0n57	23n20	0n18	16n 0	1s29	16s32	0n14	19s37	0s44	15s33	16s29	6n 6	6n23	28s 3			n.a.

Julian Day Number = 1495027.5, Delta T = 05h11m33s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°38'02, Lahiri = -12°31'02 Julian Calendar 1 March 620 BCE == Greg. Calendar 22 Feb. 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

APRIL 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 9 56	4♈ 8'29	23♉ 3	9♓16	21♒ 8	13♏32	16♊ 8	18♉ 2	15°R40	6♒29	28♓46	15♈18	15♈58	20♐30	n.a.	S 1
M 2	12 13 53	5° 6'25	7♊22	9°53	22°16	13°33	16°16	18° 9	15♏38	6°30	28°47	15°19	15°55	20°36	n.a.	M 2
T 3	12 17 49	6° 4'20	21°41	10°34	23°23	13°R33	16°24	18°15	15°37	6°32	28°49	15°20	15°52	20°43	n.a.	T 3
W 4	12 21 46	7° 2'13	5♋55	11°19	24°31	13°32	16°32	18°22	15°35	6°33	28°50	15°R20	15°49	20°50	n.a.	W 4
T 5	12 25 42	8° 0'04	20° 4	12° 7	25°38	13°31	16°40	18°28	15°33	6°34	28°52	15°20	15°45	20°56	n.a.	T 5
F 6	12 29 39	8°57'52	4♌ 4	12°58	26°46	13°29	16°48	18°35	15°31	6°36	28°53	15°20	15°42	21° 3	n.a.	F 6
S 7	12 33 35	9°55'39	17°54	13°53	27°54	13°26	16°57	18°42	15°29	6°37	28°54	15°19	15°39	21°10	n.a.	S 7
S 8	12 37 32	10°53'25	1♍33	14°51	29° 2	13°22	17° 5	18°49	15°28	6°38	28°56	15°18	15°36	21°17	n.a.	S 8
M 9	12 41 28	11°51'08	14°59	15°52	0♓10	13°18	17°14	18°55	15°26	6°39	28°57	15°18	15°33	21°23	n.a.	M 9
T 10	12 45 25	12°48'50	28°11	16°56	1°18	13°13	17°23	19° 2	15°24	6°41	28°58	15°18	15°30	21°30	n.a.	T 10
W11	12 49 22	13°46'30	11♎ 9	18° 3	2°26	13° 7	17°31	19° 9	15°22	6°42	29° 0	15°D18	15°26	21°37	n.a.	W11
T 12	12 53 18	14°44'08	23°52	19°13	3°35	13° 0	17°40	19°16	15°20	6°43	29° 1	15°18	15°23	21°43	n.a.	T 12
F 13	12 57 15	15°41'46	6♏21	20°25	4°43	12°53	17°49	19°23	15°18	6°44	29° 2	15°R18	15°20	21°50	n.a.	F 13
S 14	13 1 11	16°39'22	18°38	21°40	5°52	12°45	17°59	19°30	15°16	6°45	29° 4	15°18	15°17	21°57	n.a.	S 14
S 15	13 5 8	17°36'57	0♐44	22°57	7° 0	12°36	18° 8	19°37	15°14	6°46	29° 5	15°17	15°14	22° 4	n.a.	S 15
M16	13 9 4	18°34'30	12°42	24°17	8° 9	12°27	18°17	19°44	15°12	6°47	29° 6	15°17	15°11	22°10	n.a.	M16
T 17	13 13 1	19°32'03	24°36	25°40	9°18	12°16	18°27	19°51	15°10	6°48	29° 8	15°17	15° 7	22°17	n.a.	T 17
W18	13 16 57	20°29'35	6♑29	27° 5	10°27	12° 5	18°36	19°59	15° 7	6°49	29° 9	15°16	15° 4	22°24	n.a.	W18
T 19	13 20 54	21°27'05	18°25	28°32	11°36	11°54	18°46	20° 6	15° 5	6°50	29°10	15°D16	15° 1	22°30	n.a.	T 19
F 20	13 24 51	22°24'35	0♒29	0♈ 2	12°45	11°41	18°56	20°13	15° 3	6°51	29°12	15°16	14°58	22°37	n.a.	F 20
S 21	13 28 47	23°22'03	12°47	1°35	13°54	11°28	19° 6	20°20	15° 1	6°52	29°13	15°16	14°55	22°44	n.a.	S 21
S 22	13 32 44	24°19'31	25°21	3° 9	15° 3	11°15	19°16	20°28	14°59	6°52	29°14	15°17	14°51	22°51	n.a.	S 22
M23	13 36 40	25°16'58	8♓15	4°46	16°13	11° 1	19°26	20°35	14°56	6°53	29°15	15°18	14°48	22°57	n.a.	M23
T 24	13 40 37	26°14'23	21°31	6°25	17°22	10°46	19°36	20°43	14°54	6°54	29°17	15°19	14°45	23° 4	n.a.	T 24
W25	13 44 33	27°11'48	5♈12	8° 7	18°31	10°30	19°46	20°50	14°52	6°55	29°18	15°20	14°42	23°11	n.a.	W25
T 26	13 48 30	28° 9'12	19°14	9°51	19°41	10°14	19°57	20°57	14°49	6°55	29°19	15°R20	14°39	23°17	n.a.	T 26
F 27	13 52 26	29° 6'35	3♉36	11°37	20°51	9°58	20° 7	21° 5	14°47	6°56	29°20	15°19	14°36	23°24	n.a.	F 27
S 28	13 56 23	0♉ 3'57	18°12	13°26	22° 0	9°41	20°18	21°12	14°45	6°57	29°22	15°18	14°32	23°31	n.a.	S 28
S 29	14 0 20	1° 1'18	2♊55	15°17	23°10	9°24	20°28	21°20	14°42	6°57	29°23	15°16	14°29	23°38	n.a.	S 29
M30	14 4 16	1♉58'38	17♊39	17♈10	24♓20	9♏ 6	20♊39	21♉28	14♏40	6♒58	29♓24	15♈14	14♈26	23♐44	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n40	21n55	3n14	10s 8	2s 6	15s20	0s44	15s15	0n55	23n20	0n18	16n 2	1s28	16s32	0n14	19s37	0s44	15s32	16s29	6n 7	6n22	28s 4		n.a.
M 2	2 3	25 57	4 10	10 2	2 14	15 2	0 47	15 17	0 53	23 21	0 18	16 4	1 28	16 31	0 14	19 37	0 44	15 32	16 29	6 7	6 21	28 5		n.a.
T 3	2 27	28 20	4 50	9 53	2 21	14 42	0 51	15 19	0 50	23 22	0 18	16 6	1 28	16 31	0 14	19 37	0 44	15 31	16 29	6 7	6 20	28 5		n.a.
W 4	2 50	28 50	5 12	9 42	2 28	14 23	0 54	15 21	0 48	23 23	0 18	16 8	1 28	16 30	0 14	19 36	0 44	15 31	16 29	6 7	6 18	28 6		n.a.
T 5	3 13	27 27	5 15	9 29	2 34	14 3	0 57	15 23	0 46	23 24	0 18	16 10	1 28	16 30	0 14	19 36	0 44	15 30	16 29	6 7	6 17	28 7		n.a.
F 6	3 36	24 21	5 0	9 14	2 39	13 43	1 1	15 25	0 44	23 25	0 19	16 12	1 27	16 29	0 14	19 36	0 44	15 30	16 29	6 7	6 16	28 8		n.a.
S 7	3 59	19 54	4 27	8 56	2 44	13 22	1 4	15 26	0 41	23 26	0 19	16 14	1 27	16 29	0 14	19 35	0 44	15 29	16 29	6 7	6 15	28 9		n.a.
S 8	4 22	14 29	3 39	8 37	2 48	13 1	1 7	15 28	0 39	23 27	0 19	16 16	1 27	16 28	0 14	19 35	0 44	15 29	16 29	6 7	6 13	28 10		n.a.
M 9	4 45	8 27	2 40	8 16	2 51	12 39	1 10	15 29	0 36	23 28	0 19	16 18	1 27	16 27	0 14	19 35	0 44	15 28	16 29	6 6	6 12	28 10		n.a.
T 10	5 8	2 9	1 33	7 53	2 53	12 17	1 13	15 30	0 33	23 29	0 19	16 20	1 27	16 27	0 14	19 34	0 44	15 28	16 29	6 6	6 11	28 11		n.a.
W11	5 30	4s 7	0 23	7 28	2 55	11 55	1 15	15 30	0 31	23 29	0 19	16 22	1 27	16 26	0 14	19 34	0 44	15 27	16 29	6 6	6 10	28 12		n.a.
T 12	5 53	10 7	0s47	7 1	2 56	11 33	1 18	15 31	0 28	23 30	0 19	16 24	1 26	16 26	0 14	19 34	0 44	15 27	16 29	6 6	6 8	28 13		n.a.
F 13	6 16	15 37	1 54	6 32	2 56	11 10	1 21	15 31	0 25	23 31	0 19	16 26	1 26	16 25	0 14	19 34	0 44	15 26	16 29	6 6	6 7	28 14		n.a.
S 14	6 38	20 24	2 54	6 2	2 56	10 46	1 23	15 32	0 22	23 32	0 19	16 28	1 26	16 25	0 14	19 33	0 44	15 26	16 29	6 6	6 6	28 14		n.a.
S 15	7 0	24 16	3 46	5 30	2 55	10 23	1 26	15 32	0 19	23 33	0 19	16 30	1 26	16 24	0 14	19 33	0 44	15 25	16 29	6 6	6 5	28 15		n.a.
M16	7 23	27 3	4 27	4 57	2 53	9 59	1 28	15 32	0 16	23 34	0 19	16 32	1 26	16 23	0 14	19 33	0 44	15 25	16 30	6 6	6 3	28 16		n.a.
T 17	7 45	28 36	4 56	4 21	2 51	9 35	1 30	15 31	0 13	23 35	0 19	16 34	1 26	16 23	0 14	19 33	0 44	15 25	16 30	6 6	6 2	28 17		n.a.
W18	8 7	28 49	5 13	3 44	2 48	9 10	1 32	15 31	0 10	23 36	0 19	16 36	1 26	16 22	0 14	19 33	0 44	15 24	16 30	6 6	6 1	28 18		n.a.
T 19	8 29	27 42	5 16	3 6	2 45	8 46	1 34	15 30	0 7	23 37	0 19	16 39	1 25	16 21	0 14	19 32	0 45	15 24	16 30	6 6	6 0	28 18		n.a.
F 20	8 50	25 18	5 6	2 26	2 41	8 21	1 36	15 29	0 4	23 38	0 19	16 41	1 25	16 21	0 14	19 32	0 45	15 23	16 30	6 6	5 58	28 19		n.a.
S 21	9 12	21 42	4 41	1 45	2 36	7 55	1 38	15 29	0 1	23 38	0 19	16 43	1 25	16 20	0 14	19 32	0 45	15 23	16 30	6 6	5 57	28 20		n.a.
S 22	9 33	17 3	4 3	1 2	2 31	7 30	1 40	15 27	0s 3	23 39	0 20	16 45	1 25	16 20	0 14	19 32	0 45	15 22	16 30	6 6	5 56	28 20		n.a.
M23	9 55	11 32	3 11	0 17	2 25	7 4	1 41	15 26	0 6	23 40	0 20	16 47	1 25	16 19	0 14	19 32	0 45	15 22	16 30	6 6	5 55	28 21		n.a.
T 24	10 16	5 22	2 8	0n28	2 19	6 38	1 43	15 25	0 10	23 41	0 20	16 49	1 25	16 18	0 14	19 32	0 45	15 22	16 30	6 7	5 53	28 22		n.a.
W25	10 37	1n14	0 56	1 15	2 12	6 12	1 44	15 23	0 13	23 42	0 20	16 51	1 25	16 18	0 14	19 31	0 45	15 21	16 31	6 7	5 52	28 23		n.a.
T 26	10 58	7 58	0n22	2 3	2 4	5 45	1 46	15 21	0 16	23 43	0 20	16 53	1 24	16 17	0 14	19 31	0 45	15 21	16 31	6 7	5 51	28 23		n.a.
F 27	11 19	14 27	1 39	2 52	1 56	5 19	1 47	15 19	0 20	23 44	0 20	16 55	1 24	16 16	0 14	19 31	0 45	15 21	16 31	6 7	5 50	28 24		n.a.
S 28	11 39	20 14	2 52	3 43	1 48	4 52	1 48	15 17	0 24	23 45	0 20	16 58	1 24	16 15	0 14	19 31	0 45	15 20	16 31	6 6	5 48	28 25		n.a.
S 29	11 59	24 51	3 53	4 34	1 39	4 25	1 49	15 15	0 27	23 45	0 20	17 0	1 24	16 15	0 14	19 31	0 45	15 20	16 31	6 6	5 47	28 25		n.a.
M30	12n20	27n50	4n40	5n27	1s30	3s58	1s50	15s13	0s31	23n46	0n20	17n 2	1s24	16s14	0n14	19s31	0s45	15s20	16s31	6n 5	5n46	28s26		n.a.

Julian Day Number = 1495058.5, Delta T = 05h11m31s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'58, Lahiri = -12°30'58 Julian Calendar 1 Apr. 620 BCE == Greg. Calendar 25 March 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

MAY 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 8 13	2♉55'56	2♋17	19♈ 5	25♓30	8°R48	20♊50	21♉35	14°R38	6♒58	29♓25	15°R12	14♈23	23♐51	n.a.	T 1
W 2	14 12 9	3°53'14	16°43	21° 3	26°39	8♏30	21° 1	21°43	14♏35	6°59	29°26	15♈11	14°20	23°58	n.a.	W 2
T 3	14 16 6	4°50'30	0♌54	23° 2	27°49	8°11	21°12	21°50	14°33	6°59	29°27	15°D10	14°16	24° 4	n.a.	T 3
F 4	14 20 2	5°47'46	14°48	25° 4	28°59	7°52	21°23	21°58	14°30	7° 0	29°29	15°10	14°13	24°11	n.a.	F 4
S 5	14 23 59	6°45'00	28°25	27° 7	0♈ 9	7°33	21°34	22° 6	14°28	7° 0	29°30	15°11	14°10	24°18	n.a.	S 5
S 6	14 27 56	7°42'13	11♍44	29°12	1°20	7°14	21°45	22°14	14°26	7° 1	29°31	15°13	14° 7	24°25	n.a.	S 6
M 7	14 31 52	8°39'25	24°48	1♉19	2°30	6°55	21°56	22°21	14°23	7° 1	29°32	15°14	14° 4	24°31	n.a.	M 7
T 8	14 35 49	9°36'36	7♎38	3°27	3°40	6°36	22° 7	22°29	14°21	7° 1	29°33	15°15	14° 1	24°38	n.a.	T 8
W 9	14 39 45	10°33'46	20°15	5°37	4°50	6°16	22°19	22°37	14°18	7° 2	29°34	15°R15	13°57	24°45	n.a.	W 9
T 10	14 43 42	11°30'56	2♏41	7°47	6° 1	5°57	22°30	22°45	14°16	7° 2	29°35	15°14	13°54	24°51	n.a.	T 10
F 11	14 47 38	12°28'05	14°57	9°58	7°11	5°38	22°42	22°52	14°13	7° 2	29°36	15°12	13°51	24°58	n.a.	F 11
S 12	14 51 35	13°25'14	27° 5	12° 9	8°21	5°19	22°53	23° 0	14°11	7° 2	29°37	15° 8	13°48	25° 5	n.a.	S 12
S 13	14 55 31	14°22'22	9♐ 5	14°21	9°32	5° 0	23° 5	23° 8	14° 8	7° 2	29°38	15° 3	13°45	25°12	n.a.	S 13
M14	14 59 28	15°19'30	21° 0	16°32	10°43	4°42	23°17	23°16	14° 6	7° 2	29°39	14°58	13°42	25°18	n.a.	M14
T 15	15 3 25	16°16'37	2♑53	18°43	11°53	4°23	23°28	23°24	14° 4	7° 2	29°41	14°53	13°38	25°25	n.a.	T 15
W16	15 7 21	17°13'44	14°45	20°54	13° 4	4° 5	23°40	23°31	14° 1	7° 3	29°42	14°49	13°35	25°32	n.a.	W16
T 17	15 11 18	18°10'51	26°41	23° 3	14°15	3°48	23°52	23°39	13°59	7°R 3	29°42	14°45	13°32	25°38	n.a.	T 17
F 18	15 15 14	19° 7'58	8♒44	25°12	15°25	3°30	24° 4	23°47	13°56	7° 3	29°43	14°43	13°29	25°45	n.a.	F 18
S 19	15 19 11	20° 5'05	20°59	27°19	16°36	3°13	24°16	23°55	13°54	7° 3	29°44	14°D43	13°26	25°52	n.a.	S 19
S 20	15 23 7	21° 2'12	3♓30	29°25	17°47	2°57	24°28	24° 3	13°51	7° 2	29°45	14°43	13°22	25°59	n.a.	S 20
M21	15 27 4	21°59'19	16°21	1♊29	18°58	2°41	24°40	24°11	13°49	7° 2	29°46	14°45	13°19	26° 5	n.a.	M21
T 22	15 31 0	22°56'26	29°37	3°31	20° 9	2°26	24°52	24°19	13°46	7° 2	29°47	14°46	13°16	26°12	n.a.	T 22
W23	15 34 57	23°53'32	13♈19	5°32	21°20	2°11	25° 4	24°26	13°44	7° 2	29°48	14°R47	13°13	26°19	n.a.	W23
T 24	15 38 54	24°50'39	27°28	7°30	22°31	1°57	25°17	24°34	13°42	7° 2	29°49	14°46	13°10	26°25	n.a.	T 24
F 25	15 42 50	25°47'46	12♉ 2	9°27	23°42	1°43	25°29	24°42	13°39	7° 2	29°50	14°44	13° 7	26°32	n.a.	F 25
S 26	15 46 47	26°44'53	26°55	11°22	24°54	1°31	25°41	24°50	13°37	7° 1	29°51	14°39	13° 3	26°39	n.a.	S 26
S 27	15 50 43	27°42'00	12♊ 0	13°14	26° 5	1°18	25°54	24°58	13°34	7° 1	29°51	14°34	13° 0	26°46	n.a.	S 27
M28	15 54 40	28°39'07	27° 6	15° 5	27°16	1° 7	26° 6	25° 6	13°32	7° 1	29°52	14°27	12°57	26°52	n.a.	M28
T 29	15 58 36	29°36'14	12♋ 5	16°54	28°28	0°56	26°18	25°14	13°30	7° 0	29°53	14°21	12°54	26°59	n.a.	T 29
W30	16 2 33	0♊33'21	26°48	18°40	29°39	0°46	26°31	25°22	13°27	7° 0	29°54	14°16	12°51	27° 6	n.a.	W30
T 31	16 6 30	1♊30'27	11♌10	20♊25	0♉50	0♏37	26♊44	25♉29	13♏25	6♒59	29♓55	14♈12	12♈48	27♐13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	12n40	28n52	5n 7	6n20	1s21	3s31	1s51	15s10	0s34	23n47	0n20	17n 4	1s24	16s13	0n14	19s31	0s45	15s19	16s32	6n 4	5n45	28s27			n.a.
W 2	12 59	27 55	5 15	7 14	1 11	3 3	1 52	15 8	0 38	23 48	0 20	17 6	1 24	16 13	0 14	19 31	0 45	15 19	16 32	6 4	5 44	28 27			n.a.
T 3	13 19	25 10	5 3	8 8	1 1	2 36	1 53	15 5	0 42	23 49	0 20	17 8	1 24	16 12	0 14	19 30	0 45	15 19	16 32	6 3	5 42	28 28			n.a.
F 4	13 38	20 59	4 34	9 3	0 50	2 8	1 53	15 2	0 45	23 50	0 20	17 10	1 24	16 11	0 14	19 30	0 45	15 18	16 32	6 3	5 41	28 28			n.a.
S 5	13 57	15 46	3 50	9 58	0 40	1 40	1 54	15 0	0 49	23 50	0 20	17 12	1 23	16 10	0 14	19 30	0 45	15 18	16 32	6 4	5 40	28 29			n.a.
S 6	14 16	9 56	2 54	10 53	0 29	1 12	1 54	14 57	0 53	23 51	0 20	17 14	1 23	16 10	0 14	19 30	0 45	15 18	16 32	6 4	5 39	28 30			n.a.
M 7	14 35	3 46	1 50	11 48	0 18	0 44	1 54	14 54	0 56	23 52	0 21	17 16	1 23	16 9	0 14	19 30	0 45	15 17	16 33	6 5	5 37	28 30			n.a.
T 8	14 54	2s26	0 42	12 43	0 8	0 16	1 55	14 51	1 0	23 53	0 21	17 19	1 23	16 8	0 14	19 30	0 45	15 17	16 33	6 5	5 36	28 31			n.a.
W 9	15 12	8 27	0s27	13 37	0n 3	0n12	1 55	14 48	1 4	23 53	0 21	17 21	1 23	16 8	0 14	19 30	0 45	15 17	16 33	6 5	5 35	28 31			n.a.
T 10	15 30	14 3	1 34	14 31	0 14	0 40	1 55	14 45	1 7	23 54	0 21	17 23	1 23	16 7	0 14	19 30	0 45	15 17	16 33	6 5	5 34	28 32			n.a.
F 11	15 48	19 1	2 36	15 23	0 24	1 8	1 55	14 42	1 11	23 55	0 21	17 25	1 23	16 6	0 14	19 30	0 45	15 16	16 33	6 4	5 32	28 32			n.a.
S 12	16 5	23 10	3 29	16 14	0 34	1 36	1 55	14 39	1 14	23 56	0 21	17 27	1 23	16 5	0 14	19 30	0 45	15 16	16 34	6 2	5 31	28 33			n.a.
S 13	16 22	26 17	4 13	17 4	0 44	2 4	1 55	14 36	1 18	23 56	0 21	17 29	1 23	16 5	0 14	19 30	0 45	15 16	16 34	6 1	5 30	28 34			n.a.
M14	16 39	28 12	4 45	17 52	0 53	2 33	1 55	14 33	1 22	23 57	0 21	17 31	1 22	16 4	0 14	19 30	0 45	15 16	16 34	5 59	5 29	28 34			n.a.
T 15	16 56	28 49	5 5	18 38	1 2	3 1	1 54	14 30	1 25	23 58	0 21	17 33	1 22	16 3	0 14	19 30	0 45	15 16	16 34	5 57	5 27	28 35			n.a.
W16	17 13	28 6	5 11	19 22	1 11	3 29	1 54	14 27	1 29	23 58	0 21	17 35	1 22	16 2	0 14	19 30	0 45	15 15	16 35	5 55	5 26	28 35			n.a.
T 17	17 29	26 5	5 5	20 3	1 18	3 57	1 53	14 24	1 32	23 59	0 21	17 37	1 22	16 2	0 14	19 30	0 46	15 15	16 35	5 53	5 25	28 36			n.a.
F 18	17 45	22 54	4 45	20 43	1 26	4 26	1 53	14 21	1 35	23 59	0 21	17 39	1 22	16 1	0 14	19 30	0 46	15 15	16 35	5 53	5 24	28 36			n.a.
S 19	18 1	18 40	4 11	21 20	1 32	4 54	1 52	14 18	1 39	24 0	0 21	17 41	1 22	16 0	0 14	19 30	0 46	15 15	16 35	5 52	5 22	28 37			n.a.
S 20	18 16	13 33	3 26	21 54	1 38	5 22	1 51	14 15	1 42	24 1	0 21	17 43	1 22	16 0	0 14	19 30	0 46	15 15	16 36	5 53	5 21	28 37			n.a.
M21	18 31	7 44	2 28	22 26	1 43	5 50	1 51	14 13	1 45	24 1	0 21	17 45	1 22	15 59	0 14	19 30	0 46	15 15	16 36	5 53	5 20	28 38			n.a.
T 22	18 46	1 24	1 22	22 55	1 48	6 18	1 50	14 10	1 48	24 2	0 22	17 47	1 22	15 58	0 14	19 30	0 46	15 15	16 36	5 54	5 19	28 38			n.a.
W23	19 0	5n12	0 8	23 21	1 52	6 45	1 49	14 8	1 51	24 2	0 22	17 49	1 22	15 57	0 14	19 31	0 46	15 14	16 36	5 54	5 17	28 39			n.a.
T 24	19 15	11 46	1n 8	23 45	1 55	7 13	1 48	14 6	1 54	24 3	0 22	17 51	1 22	15 57	0 14	19 31	0 46	15 14	16 37	5 54	5 16	28 39			n.a.
F 25	19 28	17 54	2 22	24 7	1 57	7 41	1 47	14 4	1 57	24 3	0 22	17 53	1 22	15 56	0 14	19 31	0 46	15 14	16 37	5 53	5 15	28 39			n.a.
S 26	19 42	23 7	3 28	24 25	1 59	8 8	1 45	14 2	2 0	24 4	0 22	17 55	1 21	15 55	0 14	19 31	0 46	15 14	16 37	5 51	5 14	28 40			n.a.
S 27	19 55	26 50	4 20	24 42	2 0	8 36	1 44	14 0	2 3	24 4	0 22	17 57	1 21	15 55	0 14	19 31	0 46	15 14	16 37	5 49	5 12	28 40			n.a.
M28	20 8	28 39	4 54	24 55	2 1	9 3	1 43	13 59	2 6	24 5	0 22	17 59	1 21	15 54	0 14	19 31	0 46	15 14	16 38	5 47	5 11	28 41			n.a.
T 29	20 21	28 19	5 8	25 7	2 0	9 30	1 42	13 58	2 8	24 5	0 22	18 1	1 21	15 53	0 14	19 31	0 46	15 14	16 38	5 44	5 10	28 41			n.a.
W30	20 33	26 0	5 1	25 16	1 59	9 57	1 40	13 56	2 11	24 6	0 22	18 3	1 21	15 52	0 14	19 31	0 46	15 14	16 38	5 42	5 8	28 42			n.a.
T 31	20n45	22n 4	4n35	25n23	1n58	10n23	1s39	13s56	2s13	24n 6	0n22	18n 5	1s21	15s52	0n14	19s31	0s46	15s14	16s38	5n41	5n 7	28s42			n.a.

Julian Day Number = 1495088.5, Delta T = 05h11m30s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'54, Lahiri = -12°30'54 Julian Calendar 1 May 620 BCE == Greg. Calendar 24 Apr. 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

JUNE 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 10 26	2♊27'34	25♌ 7	22♊ 7	2♉ 2	0°R29	26♊56	25♉37	13°R23	6°R59	29♓55	14°R11	12♈44	27♐19	n.a.	F 1
S 2	16 14 23	3°24'40	8♍40	23°47	3°13	0♏21	27° 9	25°45	13♏21	6♒58	29°56	14°D11	12°41	27°26	n.a.	S 2
S 3	16 18 19	4°21'45	21°50	25°25	4°25	0°15	27°21	25°53	13°18	6°58	29°57	14♈11	12°38	27°33	n.a.	S 3
M 4	16 22 16	5°18'51	4♎41	27° 1	5°36	0° 9	27°34	26° 1	13°16	6°57	29°57	14°13	12°35	27°39	n.a.	M 4
T 5	16 26 12	6°15'57	17°16	28°35	6°48	0° 4	27°47	26° 9	13°14	6°57	29°58	14°R13	12°32	27°46	n.a.	T 5
W 6	16 30 9	7°13'03	29°38	0♋ 7	8° 0	29♎59	28° 0	26°16	13°12	6°56	29°59	14°12	12°28	27°53	n.a.	W 6
T 7	16 34 5	8°10'09	11♏50	1°37	9°11	29°56	28°12	26°24	13°10	6°56	29°59	14° 8	12°25	28° 0	n.a.	T 7
F 8	16 38 2	9° 7'15	23°55	3° 4	10°23	29°54	28°25	26°32	13° 7	6°55	29°59	14° 2	12°22	28° 6	n.a.	F 8
S 9	16 41 59	10° 4'22	5♐54	4°29	11°35	29°52	28°38	26°40	13° 5	6°54	0♈ 1	13°54	12°19	28°13	n.a.	S 9
S 10	16 45 55	11° 1'29	17°49	5°52	12°47	29°51	28°51	26°47	13° 3	6°53	0° 1	13°44	12°16	28°20	n.a.	S 10
M11	16 49 52	11°58'37	29°42	7°13	13°59	29°D51	29° 4	26°55	13° 1	6°53	0° 2	13°34	12°13	28°26	n.a.	M11
T 12	16 53 48	12°55'45	11♑34	8°32	15°11	29°52	29°17	27° 3	12°59	6°52	0° 2	13°23	12° 9	28°33	n.a.	T 12
W13	16 57 45	13°52'54	23°28	9°48	16°23	29°54	29°30	27°10	12°57	6°51	0° 3	13°13	12° 6	28°40	n.a.	W13
T 14	17 1 41	14°50'04	5♒25	11° 2	17°35	29°56	29°43	27°18	12°55	6°50	0° 3	13° 5	12° 3	28°47	n.a.	T 14
F 15	17 5 38	15°47'14	17°28	12°13	18°47	29°59	29°56	27°26	12°53	6°49	0° 4	12°59	12° 0	28°53	n.a.	F 15
S 16	17 9 34	16°44'25	29°42	13°22	19°59	0♏ 3	0♋ 9	27°33	12°51	6°49	0° 4	12°55	11°57	29° 0	n.a.	S 16
S 17	17 13 31	17°41'37	12♓10	14°28	21°11	0° 8	0°22	27°41	12°49	6°48	0° 5	12°54	11°54	29° 7	n.a.	S 17
M18	17 17 28	18°38'50	24°57	15°32	22°24	0°14	0°35	27°48	12°48	6°47	0° 5	12°D54	11°50	29°13	n.a.	M18
T 19	17 21 24	19°36'04	8♈ 7	16°33	23°36	0°20	0°48	27°56	12°46	6°46	0° 5	12°R54	11°47	29°20	n.a.	T 19
W20	17 25 21	20°33'19	21°44	17°30	24°48	0°28	1° 1	28° 3	12°44	6°45	0° 6	12°54	11°44	29°27	n.a.	W20
T 21	17 29 17	21°30'35	5♉49	18°25	26° 1	0°36	1°14	28°11	12°42	6°44	0° 6	12°52	11°41	29°34	n.a.	T 21
F 22	17 33 14	22°27'52	20°22	19°17	27°13	0°44	1°27	28°18	12°41	6°43	0° 6	12°48	11°38	29°40	n.a.	F 22
S 23	17 37 10	23°25'11	5♊18	20° 5	28°26	0°54	1°41	28°26	12°39	6°42	0° 7	12°41	11°34	29°47	n.a.	S 23
S 24	17 41 7	24°22'30	20°31	20°50	29°38	1° 4	1°54	28°33	12°37	6°40	0° 7	12°32	11°31	29°54	n.a.	S 24
M25	17 45 4	25°19'50	5♋50	21°32	0♊51	1°15	2° 7	28°41	12°36	6°39	0° 7	12°22	11°28	0♑ 1	n.a.	M25
T 26	17 49 0	26°17'11	21° 3	22°10	2° 3	1°27	2°20	28°48	12°34	6°38	0° 8	12°12	11°25	0° 7	n.a.	T 26
W27	17 52 57	27°14'33	6♌ 1	22°43	3°16	1°40	2°33	28°55	12°33	6°37	0° 8	12° 3	11°22	0°14	n.a.	W27
T 28	17 56 53	28°11'56	20°34	23°13	4°29	1°53	2°47	29° 2	12°31	6°36	0° 8	11°57	11°19	0°21	n.a.	T 28
F 29	18 0 50	29° 9'19	4♍40	23°38	5°41	2° 7	3° 0	29°10	12°30	6°35	0° 8	11°53	11°15	0°27	n.a.	F 29
S 30	18 4 46	0♋ 6'43	18♍17	23♋59	6♊54	2♏22	3♋13	29♉17	12♏28	6♒33	0♈ 8	11♈51	11♈12	0♑34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n57	16n59	3n53	25n28	1n56	10n50	1s37	13s55	2s16	24n 6	0n22	18n 7	1s21	15s51	0n14	19s32	0s46	15s14	16s39	5n40	5n 6	28s42		n.a.
S 2	21 8	11 12	2 59	25 30	1 53	11 16	1 35	13 54	2 18	24 7	0 22	18 9	1 21	15 50	0 14	19 32	0 46	15 14	16 39	5 40	5 5	28 43		n.a.
S 3	21 19	5 4	1 57	25 31	1 50	11 42	1 34	13 54	2 21	24 7	0 22	18 11	1 21	15 50	0 14	19 32	0 46	15 14	16 39	5 40	5 3	28 43		n.a.
M 4	21 29	1s 7	0 51	25 30	1 46	12 8	1 32	13 54	2 23	24 8	0 23	18 13	1 21	15 49	0 14	19 32	0 46	15 14	16 40	5 41	5 2	28 43		n.a.
T 5	21 39	7 7	0s16	25 27	1 41	12 33	1 30	13 54	2 25	24 8	0 23	18 15	1 21	15 48	0 14	19 32	0 46	15 14	16 40	5 41	5 1	28 44		n.a.
W 6	21 49	12 46	1 22	25 22	1 36	12 59	1 28	13 55	2 27	24 8	0 23	18 17	1 21	15 48	0 14	19 32	0 46	15 14	16 40	5 40	5 0	28 44		n.a.
T 7	21 58	17 51	2 23	25 16	1 30	13 23	1 27	13 56	2 29	24 8	0 23	18 19	1 21	15 47	0 14	19 33	0 46	15 14	16 41	5 39	4 58	28 44		n.a.
F 8	22 8	22 10	3 16	25 8	1 24	13 48	1 25	13 56	2 31	24 9	0 23	18 20	1 21	15 46	0 14	19 33	0 46	15 14	16 41	5 37	4 57	28 45		n.a.
S 9	22 16	25 32	4 0	24 59	1 18	14 13	1 23	13 58	2 33	24 9	0 23	18 22	1 21	15 46	0 14	19 33	0 46	15 14	16 41	5 34	4 56	28 45		n.a.
S 10	22 24	27 45	4 33	24 49	1 11	14 37	1 21	13 59	2 35	24 9	0 23	18 24	1 21	15 45	0 14	19 33	0 46	15 14	16 41	5 30	4 55	28 45		n.a.
M11	22 32	28 41	4 55	24 37	1 3	15 0	1 19	14 1	2 37	24 9	0 23	18 26	1 21	15 45	0 14	19 34	0 46	15 14	16 42	5 25	4 53	28 46		n.a.
T 12	22 40	28 18	5 3	24 24	0 55	15 24	1 16	14 3	2 38	24 9	0 23	18 28	1 21	15 44	0 14	19 34	0 46	15 14	16 42	5 21	4 52	28 46		n.a.
W13	22 47	26 36	4 59	24 11	0 46	15 47	1 14	14 5	2 40	24 10	0 23	18 30	1 21	15 43	0 14	19 34	0 46	15 14	16 42	5 17	4 51	28 46		n.a.
T 14	22 54	23 43	4 41	23 56	0 38	16 10	1 12	14 7	2 41	24 10	0 23	18 31	1 21	15 43	0 14	19 34	0 47	15 14	16 43	5 14	4 50	28 46		n.a.
F 15	23 0	19 47	4 11	23 40	0 28	16 32	1 10	14 10	2 43	24 10	0 23	18 33	1 20	15 42	0 14	19 35	0 47	15 14	16 43	5 12	4 48	28 47		n.a.
S 16	23 6	14 59	3 29	23 24	0 18	16 54	1 8	14 12	2 44	24 10	0 24	18 35	1 20	15 42	0 14	19 35	0 47	15 14	16 43	5 10	4 47	28 47		n.a.
S 17	23 12	9 29	2 36	23 7	0 8	17 16	1 5	14 15	2 46	24 10	0 24	18 37	1 20	15 41	0 14	19 35	0 47	15 14	16 44	5 10	4 46	28 47		n.a.
M18	23 17	3 28	1 34	22 49	0s 2	17 37	1 3	14 19	2 47	24 10	0 24	18 38	1 20	15 41	0 14	19 35	0 47	15 15	16 44	5 10	4 45	28 48		n.a.
T 19	23 21	2n53	0 25	22 31	0 13	17 57	1 1	14 22	2 48	24 10	0 24	18 40	1 20	15 40	0 14	19 36	0 47	15 15	16 44	5 10	4 43	28 48		n.a.
W20	23 26	9 18	0n47	22 12	0 24	18 18	0 58	14 26	2 50	24 10	0 24	18 42	1 20	15 39	0 14	19 36	0 47	15 15	16 45	5 10	4 42	28 48		n.a.
T 21	23 30	15 30	1 59	21 53	0 36	18 37	0 56	14 30	2 51	24 10	0 24	18 44	1 20	15 39	0 14	19 36	0 47	15 15	16 45	5 9	4 41	28 48		n.a.
F 22	23 33	21 3	3 5	21 34	0 48	18 57	0 53	14 34	2 52	24 10	0 24	18 45	1 20	15 38	0 14	19 36	0 47	15 15	16 45	5 7	4 40	28 48		n.a.
S 23	23 36	25 25	4 0	21 15	1 0	19 16	0 51	14 38	2 53	24 10	0 24	18 47	1 20	15 38	0 14	19 37	0 47	15 15	16 46	5 5	4 38	28 49		n.a.
S 24	23 39	28 5	4 40	20 56	1 12	19 34	0 48	14 43	2 54	24 10	0 24	18 49	1 20	15 37	0 14	19 37	0 47	15 16	16 46	5 1	4 37	28 49		n.a.
M25	23 41	28 38	4 59	20 38	1 25	19 52	0 46	14 48	2 55	24 10	0 24	18 50	1 20	15 37	0 14	19 37	0 47	15 16	16 46	4 57	4 36	28 49		n.a.
T 26	23 43	27 0	4 58	20 19	1 38	20 9	0 43	14 53	2 56	24 9	0 24	18 52	1 20	15 36	0 14	19 38	0 47	15 16	16 47	4 53	4 35	28 49		n.a.
W27	23 45	23 29	4 36	20 1	1 51	20 26	0 41	14 58	2 56	24 9	0 24	18 54	1 20	15 36	0 14	19 38	0 47	15 16	16 47	4 50	4 33	28 49		n.a.
T 28	23 46	18 33	3 56	19 43	2 4	20 43	0 38	15 3	2 57	24 9	0 25	18 55	1 20	15 36	0 14	19 38	0 47	15 16	16 47	4 47	4 32	28 49		n.a.
F 29	23 46	12 46	3 3	19 26	2 17	20 58	0 35	15 9	2 58	24 9	0 25	18 57	1 20	15 35	0 14	19 39	0 47	15 17	16 48	4 46	4 31	28 50		n.a.
S 30	23n46	6n33	2n 1	19n 9	2s30	21n14	0s33	15s15	2s59	24n 9	0n25	18n58	1s20	15s35	0n14	19s39	0s47	15s17	16s48	4n45	4n30	28s50		n.a.

Julian Day Number = 1495119.5, Delta T = 05h11m28s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'50, Lahiri = -12°30'49 Julian Calendar 1 June 620 BCE == Greg. Calendar 25 May 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

JULY 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 8 43	1♋ 4'08	1♎27	24♋15	8♊ 7	2♏37	3♋26	29♉24	12°R27	6°R32	0♈ 9	11°D50	11♈ 9	0♉41	n.a.	S 1
M 2	18 12 39	2° 1'34	14°14	24°26	9°20	2°53	3°39	29°31	12♏26	6♒31	0° 9	11°R50	11° 6	0°48	n.a.	M 2
T 3	18 16 36	2°59'00	26°42	24°33	10°33	3° 9	3°53	29°38	12°24	6°30	0° 9	11♈50	11° 3	0°54	n.a.	T 3
W 4	18 20 33	3°56'28	8♏56	24°R34	11°46	3°27	4° 6	29°45	12°23	6°28	0° 9	11°47	11° 0	1° 1	n.a.	W 4
T 5	18 24 29	4°53'56	21° 0	24°29	12°59	3°44	4°19	29°52	12°22	6°27	0° 9	11°42	10°56	1° 8	n.a.	T 5
F 6	18 28 26	5°51'26	2♐58	24°20	14°12	4° 3	4°32	29°59	12°21	6°26	0° 9	11°35	10°53	1°15	n.a.	F 6
S 7	18 32 22	6°48'57	14°51	24° 5	15°25	4°22	4°46	0♊ 6	12°20	6°24	0°R 9	11°24	10°50	1°21	n.a.	S 7
S 8	18 36 19	7°46'29	26°44	23°44	16°38	4°42	4°59	0°13	12°19	6°23	0° 9	11°12	10°47	1°28	n.a.	S 8
M 9	18 40 15	8°44'02	8♑36	23°19	17°51	5° 2	5°12	0°19	12°18	6°21	0° 9	10°58	10°44	1°35	n.a.	M 9
T 10	18 44 12	9°41'37	20°31	22°48	19° 4	5°23	5°25	0°26	12°17	6°20	0° 9	10°44	10°40	1°41	n.a.	T 10
W11	18 48 8	10°39'13	2♒29	22°12	20°18	5°44	5°38	0°33	12°16	6°19	0° 9	10°31	10°37	1°48	n.a.	W11
T 12	18 52 5	11°36'51	14°31	21°32	21°31	6° 6	5°52	0°39	12°15	6°17	0° 9	10°20	10°34	1°55	n.a.	T 12
F 13	18 56 2	12°34'30	26°40	20°48	22°44	6°28	6° 5	0°46	12°14	6°16	0° 9	10°12	10°31	2° 2	n.a.	F 13
S 14	18 59 58	13°32'10	8♓58	20° 1	23°58	6°51	6°18	0°53	12°13	6°14	0° 8	10° 7	10°28	2° 8	n.a.	S 14
S 15	19 3 55	14°29'52	21°29	19°12	25°11	7°14	6°31	0°59	12°13	6°13	0° 8	10° 4	10°25	2°15	n.a.	S 15
M16	19 7 51	15°27'37	4♈15	18°20	26°25	7°38	6°44	1° 5	12°12	6°11	0° 8	10° 3	10°21	2°22	n.a.	M16
T 17	19 11 48	16°25'22	17°22	17°28	27°38	8° 2	6°57	1°12	12°11	6°10	0° 8	10° 3	10°18	2°28	n.a.	T 17
W18	19 15 44	17°23'10	0♉51	16°37	28°52	8°27	7°11	1°18	12°11	6° 8	0° 8	10° 3	10°15	2°35	n.a.	W18
T 19	19 19 41	18°21'00	14°47	15°46	0♋ 5	8°52	7°24	1°24	12°10	6° 7	0° 8	10° 1	10°12	2°42	n.a.	T 19
F 20	19 23 37	19°18'51	29° 9	14°58	1°19	9°18	7°37	1°30	12°10	6° 5	0° 7	9°56	10° 9	2°49	n.a.	F 20
S 21	19 27 34	20°16'45	13♊56	14°13	2°33	9°44	7°50	1°37	12° 9	6° 3	0° 7	9°50	10° 6	2°55	n.a.	S 21
S 22	19 31 31	21°14'40	29° 1	13°33	3°46	10°11	8° 3	1°43	12° 9	6° 2	0° 7	9°40	10° 2	3° 2	n.a.	S 22
M23	19 35 27	22°12'38	14♋15	12°58	5° 0	10°38	8°16	1°49	12° 9	6° 0	0° 6	9°30	9°59	3° 9	n.a.	M23
T 24	19 39 24	23°10'37	29°28	12°29	6°14	11° 6	8°29	1°55	12° 8	5°59	0° 6	9°19	9°56	3°16	n.a.	T 24
W25	19 43 20	24° 8'37	14♌29	12° 7	7°28	11°33	8°42	2° 0	12° 8	5°57	0° 6	9°10	9°53	3°22	n.a.	W25
T 26	19 47 17	25° 6'39	29° 9	11°53	8°42	12° 2	8°55	2° 6	12° 8	5°55	0° 5	9° 3	9°50	3°29	n.a.	T 26
F 27	19 51 13	26° 4'43	13♍22	11°D46	9°56	12°30	9° 8	2°12	12° 8	5°54	0° 5	8°58	9°46	3°36	n.a.	F 27
S 28	19 55 10	27° 2'48	27° 5	11°47	11°10	13° 0	9°21	2°18	12° 8	5°52	0° 5	8°56	9°43	3°42	n.a.	S 28
S 29	19 59 7	28° 0'55	10♎20	11°57	12°24	13°29	9°34	2°23	12°D 8	5°51	0° 4	8°D55	9°40	3°49	n.a.	S 29
M30	20 3 3	28°59'03	23°10	12°15	13°38	13°59	9°46	2°29	12° 8	5°49	0° 4	8°R55	9°37	3°56	n.a.	M30
T 31	20 7 0	29♋57'13	5♏38	12♋41	14♋52	14♏29	9♋59	2♊34	12♏ 8	5♒47	0♈ 3	8♈55	9♈34	4♉ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23n46	0n15	0n55	18n54	2s43	21n28	0s30	15s21	2s59	24n 8	0n25	19n 0	1s20	15s34	0n14	19s39	0s47	15s17	16s48	4n45	4n28	28s50			n.a.
M 2	23 45	5s53	0s13	18 39	2 55	21 42	0 28	15 27	3 0	24 8	0 25	19 1	1 20	15 34	0 14	19 40	0 47	15 17	16 49	4 45	4 27	28 50			n.a.
T 3	23 44	11 39	1 18	18 26	3 8	21 56	0 25	15 33	3 1	24 8	0 25	19 3	1 20	15 34	0 13	19 40	0 47	15 18	16 49	4 44	4 26	28 50			n.a.
W 4	23 43	16 51	2 18	18 13	3 20	22 9	0 22	15 40	3 1	24 8	0 25	19 4	1 20	15 33	0 13	19 40	0 47	15 18	16 49	4 43	4 24	28 50			n.a.
T 5	23 41	21 19	3 11	18 2	3 32	22 21	0 20	15 47	3 2	24 7	0 25	19 6	1 20	15 33	0 13	19 41	0 47	15 18	16 50	4 42	4 23	28 50			n.a.
F 6	23 38	24 53	3 55	17 53	3 43	22 32	0 17	15 53	3 2	24 7	0 25	19 7	1 20	15 33	0 13	19 41	0 47	15 18	16 50	4 38	4 22	28 50			n.a.
S 7	23 36	27 20	4 28	17 45	3 54	22 43	0 14	16 0	3 2	24 7	0 25	19 9	1 20	15 32	0 13	19 42	0 47	15 19	16 50	4 34	4 21	28 50			n.a.
S 8	23 32	28 34	4 50	17 39	4 4	22 54	0 12	16 8	3 3	24 6	0 26	19 10	1 20	15 32	0 13	19 42	0 47	15 19	16 51	4 29	4 19	28 50			n.a.
M 9	23 29	28 28	4 59	17 35	4 13	23 3	0 9	16 15	3 3	24 6	0 26	19 12	1 20	15 32	0 13	19 42	0 47	15 19	16 51	4 24	4 18	28 51			n.a.
T 10	23 25	27 2	4 55	17 32	4 20	23 12	0 7	16 22	3 3	24 5	0 26	19 13	1 20	15 31	0 13	19 43	0 47	15 20	16 51	4 18	4 17	28 51			n.a.
W11	23 20	24 23	4 38	17 32	4 27	23 21	0 4	16 30	3 4	24 5	0 26	19 15	1 20	15 31	0 13	19 43	0 47	15 20	16 52	4 13	4 16	28 51			n.a.
T 12	23 15	20 39	4 8	17 33	4 32	23 28	0 1	16 37	3 4	24 4	0 26	19 16	1 20	15 31	0 13	19 43	0 47	15 20	16 52	4 9	4 14	28 51			n.a.
F 13	23 10	16 2	3 27	17 36	4 35	23 36	0n 1	16 45	3 4	24 4	0 26	19 17	1 20	15 31	0 13	19 44	0 47	15 21	16 52	4 6	4 13	28 51			n.a.
S 14	23 4	10 43	2 36	17 41	4 37	23 42	0 4	16 53	3 4	24 3	0 26	19 19	1 20	15 30	0 13	19 44	0 47	15 21	16 53	4 3	4 12	28 51			n.a.
S 15	22 58	4 54	1 36	17 48	4 37	23 47	0 6	17 1	3 4	24 3	0 26	19 20	1 20	15 30	0 13	19 45	0 47	15 21	16 53	4 2	4 11	28 51			n.a.
M16	22 52	1n15	0 31	17 57	4 35	23 52	0 9	17 9	3 5	24 2	0 26	19 21	1 20	15 30	0 13	19 45	0 47	15 22	16 53	4 2	4 9	28 51			n.a.
T 17	22 45	7 30	0n39	18 8	4 32	23 57	0 12	17 17	3 5	24 2	0 26	19 23	1 20	15 30	0 13	19 45	0 47	15 22	16 54	4 2	4 8	28 51			n.a.
W18	22 37	13 37	1 48	18 20	4 26	24 0	0 14	17 26	3 5	24 1	0 27	19 24	1 20	15 30	0 13	19 46	0 47	15 23	16 54	4 2	4 7	28 51			n.a.
T 19	22 30	19 14	2 52	18 33	4 18	24 3	0 17	17 34	3 5	24 0	0 27	19 25	1 20	15 30	0 13	19 46	0 47	15 23	16 54	4 1	4 6	28 51			n.a.
F 20	22 22	23 58	3 48	18 48	4 9	24 5	0 19	17 42	3 5	24 0	0 27	19 26	1 20	15 29	0 13	19 47	0 48	15 23	16 55	3 59	4 4	28 51			n.a.
S 21	22 13	27 16	4 31	19 3	3 58	24 6	0 21	17 51	3 5	23 59	0 27	19 28	1 20	15 29	0 13	19 47	0 48	15 24	16 55	3 57	4 3	28 51			n.a.
S 22	22 4	28 42	4 56	19 20	3 46	24 7	0 24	17 59	3 5	23 58	0 27	19 29	1 20	15 29	0 13	19 48	0 48	15 24	16 55	3 53	4 2	28 51			n.a.
M23	21 55	27 58	5 0	19 37	3 32	24 7	0 26	18 8	3 5	23 58	0 27	19 30	1 20	15 29	0 13	19 48	0 48	15 24	16 55	3 49	4 1	28 51			n.a.
T 24	21 45	25 9	4 43	19 55	3 17	24 6	0 29	18 17	3 4	23 57	0 27	19 31	1 20	15 29	0 13	19 48	0 48	15 25	16 56	3 45	3 59	28 50			n.a.
W25	21 35	20 38	4 6	20 13	3 1	24 4	0 31	18 25	3 4	23 56	0 27	19 32	1 20	15 29	0 13	19 49	0 48	15 25	16 56	3 41	3 58	28 50			n.a.
T 26	21 24	14 57	3 14	20 31	2 44	24 2	0 33	18 34	3 4	23 55	0 27	19 33	1 20	15 29	0 13	19 49	0 48	15 26	16 56	3 38	3 57	28 50			n.a.
F 27	21 14	8 38	2 11	20 49	2 27	23 59	0 36	18 43	3 4	23 55	0 28	19 35	1 21	15 29	0 13	19 50	0 48	15 26	16 57	3 36	3 55	28 50			n.a.
S 28	21 2	2 8	1 2	21 6	2 9	23 55	0 38	18 52	3 4	23 54	0 28	19 36	1 21	15 29	0 13	19 50	0 48	15 27	16 57	3 35	3 54	28 50			n.a.
S 29	20 51	4s16	0s 8	21 23	1 51	23 51	0 40	19 1	3 4	23 53	0 28	19 37	1 21	15 29	0 13	19 51	0 48	15 27	16 57	3 35	3 53	28 50			n.a.
M30	20 39	10 17	1 15	21 39	1 33	23 46	0 42	19 10	3 3	23 52	0 28	19 38	1 21	15 29	0 13	19 51	0 48	15 28	16 58	3 35	3 52	28 50			n.a.
T 31	20n27	15s44	2s17	21n54	1s16	23n40	0n44	19s19	3s 3	23n51	0n28	19n39	1s21	15s29	0n13	19s51	0s48	15s28	16s58	3n35	3n50	28s50			n.a.

Julian Day Number = 1495149.5, Delta T = 05h11m27s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'46, Lahiri = -12°30'45 Julian Calendar 1 July 620 BCE == Greg. Calendar 24 June 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

AUGUST 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 10 56	0♌55'24	17♏51	13♋16	16♋ 6	15♏ 0	10♋12	2♊40	12♏ 8	5°R46	0°R 3	8°R54	9♈31	4♉ 9	n.a.	W 1
T 2	20 14 53	1°53'37	29°53	13°59	17°20	15°31	10°25	2°45	12° 8	5♒44	0♈ 2	8♈50	9°27	4°16	n.a.	T 2
F 3	20 18 49	2°51'52	11♐47	14°50	18°34	16° 2	10°37	2°50	12° 8	5°42	0° 2	8°44	9°24	4°23	n.a.	F 3
S 4	20 22 46	3°50'09	23°39	15°48	19°49	16°33	10°50	2°55	12° 9	5°41	0° 1	8°36	9°21	4°30	n.a.	S 4
S 5	20 26 42	4°48'27	5♑31	16°53	21° 3	17° 5	11° 3	3° 0	12° 9	5°39	0° 0	8°25	9°18	4°36	n.a.	S 5
M 6	20 30 39	5°46'47	17°26	18° 5	22°17	17°37	11°15	3° 5	12° 9	5°37	29♓59	8°14	9°15	4°43	n.a.	M 6
T 7	20 34 35	6°45'09	29°26	19°23	23°31	18°10	11°28	3°10	12°10	5°36	29°59	8° 2	9°12	4°50	n.a.	T 7
W 8	20 38 32	7°43'33	11♒31	20°46	24°46	18°43	11°40	3°15	12°10	5°34	29°59	7°51	9° 8	4°56	n.a.	W 8
T 9	20 42 29	8°41'59	23°44	22°15	26° 0	19°16	11°53	3°20	12°11	5°32	29°58	7°42	9° 5	5° 3	n.a.	T 9
F 10	20 46 25	9°40'27	6♓ 5	23°48	27°15	19°49	12° 5	3°24	12°11	5°31	29°57	7°35	9° 2	5°10	n.a.	F 10
S 11	20 50 22	10°38'56	18°35	25°25	28°29	20°23	12°18	3°29	12°12	5°29	29°57	7°31	8°59	5°17	n.a.	S 11
S 12	20 54 18	11°37'29	1♈16	27° 5	29°44	20°57	12°30	3°33	12°13	5°27	29°56	7°29	8°56	5°23	n.a.	S 12
M13	20 58 15	12°36'03	14°10	28°48	0♌58	21°31	12°42	3°38	12°14	5°26	29°55	7°D29	8°52	5°30	n.a.	M13
T 14	21 2 11	13°34'40	27°21	0♌33	2°13	22° 5	12°55	3°42	12°14	5°24	29°55	7°30	8°49	5°37	n.a.	T 14
W15	21 6 8	14°33'19	10♉49	2°21	3°27	22°40	13° 7	3°46	12°15	5°23	29°54	7°R31	8°46	5°43	n.a.	W15
T 16	21 10 4	15°32'00	24°38	4° 9	4°42	23°15	13°19	3°51	12°16	5°21	29°53	7°31	8°43	5°50	n.a.	T 16
F 17	21 14 1	16°30'44	8♊48	5°59	5°57	23°50	13°31	3°55	12°17	5°19	29°52	7°28	8°40	5°57	n.a.	F 17
S 18	21 17 58	17°29'31	23°17	7°50	7°12	24°25	13°43	3°59	12°18	5°18	29°52	7°24	8°37	6° 4	n.a.	S 18
S 19	21 21 54	18°28'19	8♋ 3	9°41	8°26	25° 1	13°55	4° 2	12°19	5°16	29°51	7°18	8°33	6°10	n.a.	S 19
M20	21 25 51	19°27'10	22°58	11°32	9°41	25°37	14° 7	4° 6	12°20	5°15	29°50	7°11	8°30	6°17	n.a.	M20
T 21	21 29 47	20°26'04	7♌55	13°23	10°56	26°13	14°19	4°10	12°21	5°13	29°49	7° 4	8°27	6°24	n.a.	T 21
W22	21 33 44	21°24'59	22°44	15°15	12°11	26°50	14°31	4°14	12°23	5°11	29°48	6°57	8°24	6°31	n.a.	W22
T 23	21 37 40	22°23'57	7♍17	17° 5	13°26	27°26	14°42	4°17	12°24	5°10	29°47	6°52	8°21	6°37	n.a.	T 23
F 24	21 41 37	23°22'56	21°27	18°56	14°40	28° 3	14°54	4°20	12°25	5° 8	29°47	6°49	8°18	6°44	n.a.	F 24
S 25	21 45 33	24°21'58	5♎13	20°46	15°55	28°40	15° 5	4°24	12°27	5° 7	29°46	6°D48	8°14	6°51	n.a.	S 25
S 26	21 49 30	25°21'01	18°31	22°35	17°10	29°17	15°17	4°27	12°28	5° 5	29°45	6°49	8°11	6°57	n.a.	S 26
M27	21 53 27	26°20'06	1♏25	24°23	18°25	29°55	15°28	4°30	12°29	5° 4	29°44	6°50	8° 8	7° 4	n.a.	M27
T 28	21 57 23	27°19'14	13°58	26°11	19°40	0♐32	15°40	4°33	12°31	5° 2	29°43	6°51	8° 5	7°11	n.a.	T 28
W29	22 1 20	28°18'23	26°13	27°58	20°55	1°10	15°51	4°36	12°32	5° 1	29°42	6°R52	8° 2	7°18	n.a.	W29
T 30	22 5 16	29°17'34	8♐16	29°44	22°10	1°48	16° 2	4°39	12°34	4°59	29°41	6°52	7°58	7°24	n.a.	T 30
F 31	22 9 13	0♑16'47	20♐11	1♑29	23♌25	2♐26	16♋14	4♊41	12♏36	4♒58	29♓40	6♈50	7♈55	7♉31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20n14	20s27	3s11	22n 8	0s59	23n33	0n46	19s28	3s 3	23n51	0n28	19n40	1s21	15s29	0n13	19s52	0s48	15s28	16s58	3n35	3n49	28s50		n.a.	W 1
T 2	20 1	24 15	3 56	22 20	0 42	23 26	0 48	19 37	3 2	23 50	0 28	19 41	1 21	15 29	0 13	19 52	0 48	15 29	16 58	3 33	3 48	28 49		n.a.	T 2
F 3	19 47	26 58	4 30	22 31	0 26	23 18	0 50	19 46	3 2	23 49	0 28	19 42	1 21	15 29	0 13	19 53	0 48	15 29	16 59	3 31	3 47	28 49		n.a.	F 3
S 4	19 34	28 29	4 53	22 39	0 10	23 9	0 52	19 55	3 2	23 48	0 29	19 43	1 21	15 29	0 13	19 53	0 48	15 30	16 59	3 27	3 45	28 49		n.a.	S 4
S 5	19 20	28 41	5 2	22 46	0n 5	22 59	0 54	20 4	3 1	23 47	0 29	19 44	1 21	15 29	0 13	19 53	0 48	15 30	16 59	3 23	3 44	28 49		n.a.	S 5
M 6	19 5	27 33	4 59	22 50	0 18	22 49	0 56	20 13	3 1	23 46	0 29	19 45	1 21	15 30	0 13	19 54	0 48	15 31	17 0	3 18	3 43	28 49		n.a.	M 6
T 7	18 51	25 9	4 42	22 52	0 31	22 38	0 58	20 22	3 1	23 45	0 29	19 45	1 21	15 30	0 13	19 54	0 48	15 31	17 0	3 14	3 42	28 49		n.a.	T 7
W 8	18 36	21 36	4 13	22 51	0 43	22 27	1 0	20 31	3 0	23 44	0 29	19 46	1 21	15 30	0 13	19 55	0 48	15 32	17 0	3 9	3 40	28 48		n.a.	W 8
T 9	18 20	17 7	3 31	22 48	0 54	22 15	1 1	20 40	3 0	23 43	0 29	19 47	1 21	15 30	0 13	19 55	0 48	15 32	17 0	3 6	3 39	28 48		n.a.	T 9
F 10	18 5	11 52	2 40	22 42	1 4	22 2	1 3	20 48	2 59	23 42	0 29	19 48	1 21	15 30	0 13	19 56	0 48	15 33	17 1	3 3	3 38	28 48		n.a.	F 10
S 11	17 49	6 6	1 39	22 33	1 13	21 48	1 5	20 57	2 59	23 41	0 29	19 49	1 21	15 31	0 13	19 56	0 48	15 33	17 1	3 1	3 36	28 48		n.a.	S 11
S 12	17 32	0n 0	0 33	22 21	1 21	21 34	1 6	21 6	2 58	23 40	0 30	19 50	1 21	15 31	0 13	19 56	0 48	15 34	17 1	3 1	3 35	28 48		n.a.	S 12
M13	17 16	6 13	0n36	22 7	1 28	21 19	1 8	21 15	2 58	23 39	0 30	19 51	1 21	15 31	0 13	19 57	0 48	15 34	17 1	3 1	3 34	28 47		n.a.	M13
T 14	16 59	12 17	1 45	21 50	1 34	21 4	1 9	21 24	2 57	23 38	0 30	19 51	1 21	15 31	0 13	19 57	0 48	15 35	17 2	3 1	3 33	28 47		n.a.	T 14
W15	16 42	17 57	2 49	21 31	1 39	20 48	1 10	21 32	2 57	23 37	0 30	19 52	1 21	15 32	0 13	19 58	0 48	15 35	17 2	3 1	3 31	28 47		n.a.	W15
T 16	16 24	22 50	3 45	21 9	1 43	20 31	1 12	21 41	2 56	23 36	0 30	19 53	1 21	15 32	0 13	19 58	0 48	15 36	17 2	3 1	3 30	28 47		n.a.	T 16
F 17	16 6	26 31	4 30	20 45	1 46	20 13	1 13	21 49	2 55	23 35	0 30	19 53	1 21	15 32	0 13	19 58	0 48	15 36	17 2	3 0	3 29	28 46		n.a.	F 17
S 18	15 48	28 33	4 58	20 18	1 48	19 56	1 14	21 58	2 55	23 33	0 30	19 54	1 22	15 33	0 13	19 59	0 48	15 37	17 3	2 59	3 28	28 46		n.a.	S 18
S 19	15 30	28 38	5 7	19 50	1 50	19 37	1 15	22 6	2 54	23 32	0 31	19 55	1 22	15 33	0 13	19 59	0 48	15 37	17 3	2 56	3 26	28 46		n.a.	S 19
M20	15 11	26 38	4 56	19 20	1 50	19 18	1 16	22 14	2 54	23 31	0 31	19 56	1 22	15 33	0 13	20 0	0 48	15 38	17 3	2 53	3 25	28 45		n.a.	M20
T 21	14 53	22 47	4 24	18 48	1 50	18 58	1 17	22 22	2 53	23 30	0 31	19 56	1 22	15 34	0 12	20 0	0 48	15 39	17 3	2 50	3 24	28 45		n.a.	T 21
W22	14 34	17 31	3 35	18 14	1 50	18 38	1 18	22 31	2 52	23 29	0 31	19 57	1 22	15 34	0 12	20 0	0 48	15 39	17 3	2 48	3 23	28 45		n.a.	W22
T 23	14 14	11 19	2 33	17 39	1 49	18 17	1 19	22 39	2 52	23 28	0 31	19 57	1 22	15 34	0 12	20 1	0 48	15 40	17 4	2 46	3 21	28 44		n.a.	T 23
F 24	13 55	4 41	1 22	17 3	1 47	17 56	1 20	22 47	2 51	23 27	0 31	19 58	1 22	15 35	0 12	20 1	0 48	15 40	17 4	2 45	3 20	28 44		n.a.	F 24
S 25	13 35	1s58	0 9	16 26	1 45	17 34	1 21	22 54	2 50	23 25	0 31	19 58	1 22	15 35	0 12	20 2	0 48	15 41	17 4	2 44	3 19	28 44		n.a.	S 25
S 26	13 15	8 20	1s 3	15 47	1 42	17 12	1 22	23 2	2 50	23 24	0 32	19 59	1 22	15 36	0 12	20 2	0 48	15 41	17 4	2 44	3 17	28 43		n.a.	S 26
M27	12 55	14 9	2 10	15 8	1 39	16 49	1 22	23 10	2 49	23 23	0 32	20 0	1 22	15 36	0 12	20 2	0 48	15 42	17 4	2 45	3 16	28 43		n.a.	M27
T 28	12 34	19 14	3 8	14 27	1 35	16 26	1 23	23 17	2 48	23 22	0 32	20 0	1 22	15 37	0 12	20 3	0 48	15 42	17 5	2 46	3 15	28 43		n.a.	T 28
W29	12 14	23 24	3 56	13 46	1 32	16 2	1 23	23 24	2 47	23 21	0 32	20 0	1 22	15 37	0 12	20 3	0 48	15 43	17 5	2 46	3 14	28 42		n.a.	W29
T 30	11 53	26 29	4 33	13 5	1 27	15 38	1 24	23 32	2 47	23 20	0 32	20 1	1 22	15 38	0 12	20 4	0 48	15 43	17 5	2 46	3 12	28 42		n.a.	T 30
F 31	11n32	28s21	4s58	12n23	1n23	15n13	1n24	23s39	2s46	23n18	0n32	20n 1	1s22	15s38	0n12	20s 4	0s48	15s44	17s 5	2n45	3n11	28s42		n.a.	F 31

Julian Day Number = 1495180.5, Delta T = 05h11m25s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'41, Lahiri = -12°30'41 Julian Calendar 1 Aug. 620 BCE == Greg. Calendar 25 July 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

SEPTEMBER 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 13 9	1♍16'02	2♉ 4	3♍14	24♌40	3♐ 4	16♋25	4♊44	12♏37	4°R56	29°R39	6°R46	7♈52	7♉38	n.a.	S 1
S 2	22 17 6	2°15'19	13°57	4°58	25°56	3°43	16°36	4°47	12°39	4♒55	29♓38	6♈41	7°49	7°45	n.a.	S 2
M 3	22 21 2	3°14'38	25°55	6°41	27°11	4°22	16°47	4°49	12°41	4°53	29°37	6°35	7°46	7°51	n.a.	M 3
T 4	22 24 59	4°13'59	8♒ 0	8°23	28°26	5° 0	16°57	4°51	12°43	4°52	29°36	6°29	7°43	7°58	n.a.	T 4
W 5	22 28 55	5°13'22	20°15	10° 4	29°41	5°39	17° 8	4°53	12°45	4°51	29°35	6°24	7°39	8° 5	n.a.	W 5
T 6	22 32 52	6°12'47	2♓40	11°45	0♍56	6°18	17°19	4°55	12°47	4°49	29°34	6°19	7°36	8°11	n.a.	T 6
F 7	22 36 49	7°12'14	15°17	13°25	2°11	6°58	17°30	4°57	12°49	4°48	29°33	6°16	7°33	8°18	n.a.	F 7
S 8	22 40 45	8°11'43	28° 6	15° 4	3°26	7°37	17°40	4°59	12°51	4°47	29°32	6°14	7°30	8°25	n.a.	S 8
S 9	22 44 42	9°11'14	11♈ 7	16°42	4°42	8°17	17°50	5° 1	12°53	4°45	29°31	6°D14	7°27	8°32	n.a.	S 9
M10	22 48 38	10°10'48	24°20	18°20	5°57	8°56	18° 1	5° 3	12°55	4°44	29°30	6°15	7°23	8°38	n.a.	M10
T 11	22 52 35	11°10'24	7♉45	19°56	7°12	9°36	18°11	5° 4	12°57	4°43	29°29	6°17	7°20	8°45	n.a.	T 11
W12	22 56 31	12°10'03	21°24	21°33	8°27	10°16	18°21	5° 6	12°59	4°42	29°28	6°18	7°17	8°52	n.a.	W12
T 13	23 0 28	13° 9'44	5♊16	23° 8	9°43	10°56	18°31	5° 7	13° 1	4°40	29°27	6°19	7°14	8°59	n.a.	T 13
F 14	23 4 24	14° 9'27	19°20	24°43	10°58	11°37	18°41	5° 8	13° 4	4°39	29°25	6°R19	7°11	9° 5	n.a.	F 14
S 15	23 8 21	15° 9'13	3♋35	26°17	12°13	12°17	18°51	5° 9	13° 6	4°38	29°24	6°18	7° 8	9°12	n.a.	S 15
S 16	23 12 18	16° 9'01	17°59	27°51	13°29	12°57	19° 1	5°10	13° 8	4°37	29°23	6°17	7° 4	9°19	n.a.	S 16
M17	23 16 14	17° 8'52	2♌28	29°24	14°44	13°38	19°10	5°11	13°11	4°36	29°22	6°14	7° 1	9°25	n.a.	M17
T 18	23 20 11	18° 8'45	16°58	0♎57	15°59	14°19	19°20	5°12	13°13	4°35	29°21	6°12	6°58	9°32	n.a.	T 18
W19	23 24 7	19° 8'40	1♍21	2°29	17°15	15° 0	19°29	5°12	13°16	4°34	29°20	6° 9	6°55	9°39	n.a.	W19
T 20	23 28 4	20° 8'37	15°33	4° 0	18°30	15°40	19°39	5°13	13°18	4°32	29°19	6° 8	6°52	9°46	n.a.	T 20
F 21	23 32 0	21° 8'36	29°30	5°31	19°45	16°22	19°48	5°13	13°21	4°31	29°18	6°D 7	6°49	9°52	n.a.	F 21
S 22	23 35 57	22° 8'38	13♎ 6	7° 1	21° 1	17° 3	19°57	5°14	13°23	4°30	29°17	6° 7	6°45	9°59	n.a.	S 22
S 23	23 39 53	23° 8'41	26°22	8°30	22°16	17°44	20° 6	5°14	13°26	4°29	29°15	6° 8	6°42	10° 6	n.a.	S 23
M24	23 43 50	24° 8'46	9♏16	9°59	23°32	18°25	20°15	5°R14	13°28	4°29	29°14	6° 9	6°39	10°12	n.a.	M24
T 25	23 47 46	25° 8'53	21°50	11°28	24°47	19° 7	20°24	5°14	13°31	4°28	29°13	6°10	6°36	10°19	n.a.	T 25
W26	23 51 43	26° 9'01	4♐ 8	12°55	26° 3	19°48	20°32	5°14	13°34	4°27	29°12	6°11	6°33	10°26	n.a.	W26
T 27	23 55 40	27° 9'12	16°13	14°23	27°18	20°30	20°41	5°13	13°37	4°26	29°11	6°11	6°29	10°33	n.a.	T 27
F 28	23 59 36	28° 9'24	28°10	15°49	28°33	21°12	20°49	5°13	13°40	4°25	29°10	6°R12	6°26	10°39	n.a.	F 28
S 29	0 3 33	29° 9'38	10♉ 3	17°15	29°49	21°54	20°57	5°12	13°42	4°24	29° 9	6°11	6°23	10°46	n.a.	S 29
S 30	0 7 29	0♎ 9'53	21♉57	18♎40	1♎ 4	22♐36	21♋ 6	5♊12	13♏45	4♒24	29♓ 7	6♈11	6♈20	10♉53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n10	28s55	5s10	11n40	1n18	14n48	1n25	23s46	2s45	23n17	0n32	20n 2	1s22	15s39	0n12	20s 4	0s48	15s44	17s 5	2n43	3n10	28s41		n.a.
S 2	10 49	28 8	5 8	10 57	1 13	14 23	1 25	23 53	2 44	23 16	0 33	20 2	1 22	15 39	0 12	20 5	0 48	15 45	17 5	2 41	3 9	28 41		n.a.
M 3	10 27	26 3	4 53	10 13	1 7	13 57	1 25	23 59	2 44	23 15	0 33	20 3	1 23	15 40	0 12	20 5	0 48	15 45	17 6	2 39	3 7	28 40		n.a.
T 4	10 6	22 47	4 25	9 30	1 2	13 31	1 25	24 6	2 43	23 13	0 33	20 3	1 23	15 41	0 12	20 5	0 48	15 46	17 6	2 37	3 6	28 40		n.a.
W 5	9 44	18 29	3 45	8 46	0 56	13 4	1 25	24 12	2 42	23 12	0 33	20 3	1 23	15 41	0 12	20 6	0 48	15 47	17 6	2 34	3 5	28 39		n.a.
T 6	9 21	13 21	2 53	8 1	0 50	12 37	1 25	24 18	2 41	23 11	0 33	20 4	1 23	15 42	0 12	20 6	0 48	15 47	17 6	2 33	3 3	28 39		n.a.
F 7	8 59	7 36	1 52	7 17	0 44	12 10	1 25	24 24	2 40	23 10	0 33	20 4	1 23	15 42	0 12	20 6	0 48	15 48	17 6	2 31	3 2	28 39		n.a.
S 8	8 37	1 27	0 44	6 33	0 38	11 42	1 25	24 30	2 39	23 9	0 34	20 4	1 23	15 43	0 12	20 7	0 48	15 48	17 6	2 31	3 1	28 38		n.a.
S 9	8 14	4n52	0n27	5 48	0 31	11 14	1 25	24 36	2 39	23 7	0 34	20 4	1 23	15 44	0 12	20 7	0 48	15 49	17 6	2 31	3 0	28 38		n.a.
M10	7 51	11 4	1 38	5 4	0 25	10 46	1 25	24 42	2 38	23 6	0 34	20 5	1 23	15 44	0 12	20 7	0 48	15 49	17 7	2 31	2 58	28 37		n.a.
T 11	7 28	16 53	2 44	4 19	0 18	10 17	1 24	24 47	2 37	23 5	0 34	20 5	1 23	15 45	0 12	20 8	0 48	15 50	17 7	2 32	2 57	28 37		n.a.
W12	7 5	21 57	3 43	3 35	0 12	9 48	1 24	24 52	2 36	23 4	0 34	20 5	1 23	15 46	0 12	20 8	0 48	15 50	17 7	2 32	2 56	28 36		n.a.
T 13	6 42	25 54	4 30	2 50	0 5	9 19	1 23	24 57	2 35	23 2	0 34	20 5	1 23	15 46	0 12	20 8	0 48	15 51	17 7	2 33	2 55	28 36		n.a.
F 14	6 19	28 20	5 1	2 6	0s 2	8 50	1 23	25 2	2 34	23 1	0 35	20 5	1 23	15 47	0 12	20 8	0 48	15 51	17 7	2 33	2 53	28 35		n.a.
S 15	5 56	28 58	5 14	1 22	0 8	8 20	1 22	25 7	2 33	23 0	0 35	20 5	1 23	15 48	0 12	20 9	0 48	15 52	17 7	2 32	2 52	28 35		n.a.
S 16	5 32	27 38	5 8	0 38	0 15	7 50	1 22	25 11	2 32	22 59	0 35	20 6	1 23	15 49	0 12	20 9	0 48	15 52	17 7	2 32	2 51	28 34		n.a.
M17	5 9	24 28	4 42	0s 6	0 22	7 20	1 21	25 15	2 31	22 58	0 35	20 6	1 23	15 49	0 12	20 9	0 48	15 53	17 7	2 31	2 49	28 34		n.a.
T 18	4 45	19 45	3 59	0 49	0 29	6 50	1 20	25 20	2 30	22 56	0 35	20 6	1 24	15 50	0 12	20 9	0 48	15 53	17 7	2 30	2 48	28 33		n.a.
W19	4 21	13 57	3 0	1 33	0 36	6 19	1 19	25 23	2 30	22 55	0 36	20 6	1 24	15 51	0 12	20 10	0 48	15 54	17 7	2 29	2 47	28 32		n.a.
T 20	3 57	7 28	1 51	2 16	0 42	5 49	1 18	25 27	2 29	22 54	0 36	20 6	1 24	15 52	0 12	20 10	0 48	15 54	17 7	2 28	2 46	28 32		n.a.
F 21	3 33	0 46	0 37	2 58	0 49	5 18	1 17	25 31	2 28	22 53	0 36	20 6	1 24	15 52	0 12	20 10	0 48	15 55	17 7	2 28	2 44	28 31		n.a.
S 22	3 10	5s50	0s39	3 41	0 56	4 47	1 16	25 34	2 27	22 52	0 36	20 6	1 24	15 53	0 12	20 10	0 48	15 55	17 7	2 28	2 43	28 31		n.a.
S 23	2 45	12 1	1 50	4 22	1 3	4 16	1 15	25 37	2 26	22 51	0 36	20 6	1 24	15 54	0 12	20 11	0 48	15 56	17 7	2 28	2 42	28 30		n.a.
M24	2 21	17 31	2 53	5 4	1 9	3 44	1 14	25 40	2 25	22 49	0 37	20 6	1 24	15 55	0 12	20 11	0 48	15 56	17 7	2 28	2 41	28 30		n.a.
T 25	1 57	22 7	3 47	5 45	1 16	3 13	1 13	25 42	2 24	22 48	0 37	20 6	1 24	15 56	0 12	20 11	0 48	15 57	17 7	2 29	2 39	28 29		n.a.
W26	1 33	25 40	4 29	6 26	1 22	2 41	1 12	25 45	2 23	22 47	0 37	20 6	1 24	15 57	0 12	20 11	0 48	15 57	17 7	2 29	2 38	28 28		n.a.
T 27	1 9	27 59	4 58	7 6	1 28	2 10	1 11	25 47	2 22	22 46	0 37	20 5	1 24	15 57	0 12	20 12	0 48	15 58	17 7	2 29	2 37	28 28		n.a.
F 28	0 45	28 59	5 14	7 46	1 35	1 38	1 9	25 49	2 21	22 45	0 37	20 5	1 24	15 58	0 12	20 12	0 48	15 58	17 7	2 30	2 35	28 27		n.a.
S 29	0 20	28 38	5 16	8 25	1 41	1 7	1 8	25 51	2 20	22 44	0 37	20 5	1 24	15 59	0 12	20 12	0 48	15 58	17 7	2 29	2 34	28 26		n.a.
S 30	0s 4	26s58	5s 5	9s 3	1s46	0n35	1n 6	25s52	2s19	22n43	0n38	20n 5	1s24	16s 0	0n12	20s12	0s48	15s59	17s 7	2n29	2n33	28s26		n.a.

Julian Day Number = 1495211.5, Delta T = 05h11m24s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'37, Lahiri = -12°30'37 Julian Calendar 1 Sept. 620 BCE == Greg. Calendar 25 Aug. 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

OCTOBER 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 11 26	1♎10'10	3♒56	20♎ 5	2♎20	23♐18	21♋14	5°R11	13♏48	4°R23	29°R 6	6°R10	6♈17	11♑ 0	n.a.	M 1
T 2	0 15 22	2°10'28	16° 4	21°28	3°35	24° 0	21°21	5♊10	13°51	4♒22	29♓ 5	6♈10	6°14	11° 6	n.a.	T 2
W 3	0 19 19	3°10'49	28°26	22°51	4°51	24°42	21°29	5° 9	13°54	4°21	29° 4	6° 9	6°10	11°13	n.a.	W 3
T 4	0 23 15	4°11'10	11♓ 2	24°13	6° 6	25°24	21°37	5° 8	13°57	4°21	29° 3	6° 9	6° 7	11°20	n.a.	T 4
F 5	0 27 12	5°11'34	23°54	25°34	7°22	26° 6	21°44	5° 7	14° 0	4°20	29° 2	6° 9	6° 4	11°26	n.a.	F 5
S 6	0 31 9	6°11'59	7♈ 4	26°53	8°37	26°49	21°51	5° 6	14° 3	4°20	29° 1	6° 9	6° 1	11°33	n.a.	S 6
S 7	0 35 5	7°12'26	20°29	28°12	9°53	27°31	21°59	5° 4	14° 6	4°19	29° 0	6° 9	5°58	11°40	n.a.	S 7
M 8	0 39 2	8°12'55	4♉ 9	29°29	11° 8	28°13	22° 6	5° 3	14° 9	4°18	28°58	6° 9	5°55	11°47	n.a.	M 8
T 9	0 42 58	9°13'26	18° 1	0♏45	12°23	28°56	22°13	5° 1	14°12	4°18	28°57	6° 8	5°51	11°53	n.a.	T 9
W10	0 46 55	10°13'58	2♊ 2	1°59	13°39	29°39	22°19	5° 0	14°16	4°18	28°56	6° 8	5°48	12° 0	n.a.	W10
T 11	0 50 51	11°14'33	16°10	3°11	14°54	0♑21	22°26	4°58	14°19	4°17	28°55	6° 7	5°45	12° 7	n.a.	T 11
F 12	0 54 48	12°15'09	0♋21	4°21	16°10	1° 4	22°32	4°56	14°22	4°17	28°54	6° 7	5°42	12°14	n.a.	F 12
S 13	0 58 44	13°15'48	14°33	5°29	17°25	1°47	22°39	4°54	14°25	4°16	28°53	6°D 7	5°39	12°20	n.a.	S 13
S 14	1 2 41	14°16'28	28°44	6°34	18°41	2°30	22°45	4°52	14°29	4°16	28°52	6° 7	5°35	12°27	n.a.	S 14
M15	1 6 38	15°17'11	12♌51	7°36	19°56	3°12	22°51	4°49	14°32	4°16	28°51	6° 8	5°32	12°34	n.a.	M15
T 16	1 10 34	16°17'55	26°52	8°34	21°12	3°55	22°57	4°47	14°35	4°15	28°50	6° 9	5°29	12°40	n.a.	T 16
W17	1 14 31	17°18'40	10♍46	9°29	22°27	4°38	23° 2	4°44	14°39	4°15	28°48	6°10	5°26	12°47	n.a.	W17
T 18	1 18 27	18°19'27	24°30	10°19	23°43	5°21	23° 8	4°42	14°42	4°15	28°47	6°10	5°23	12°54	n.a.	T 18
F 19	1 22 24	19°20'16	8♎ 2	11° 4	24°58	6° 4	23°13	4°39	14°45	4°15	28°46	6°R11	5°20	13° 1	n.a.	F 19
S 20	1 26 20	20°21'07	21°19	11°44	26°14	6°47	23°19	4°37	14°49	4°15	28°45	6°10	5°16	13° 7	n.a.	S 20
S 21	1 30 17	21°21'58	4♏22	12°18	27°29	7°31	23°24	4°34	14°52	4°15	28°44	6° 9	5°13	13°14	n.a.	S 21
M22	1 34 13	22°22'51	17° 8	12°44	28°45	8°14	23°28	4°31	14°56	4°15	28°43	6° 7	5°10	13°21	n.a.	M22
T 23	1 38 10	23°23'46	29°39	13° 2	0♏ 0	8°57	23°33	4°28	14°59	4°D15	28°42	6° 4	5° 7	13°27	n.a.	T 23
W24	1 42 7	24°24'41	11♐56	13°12	1°16	9°40	23°38	4°25	15° 3	4°15	28°41	6° 1	5° 4	13°34	n.a.	W24
T 25	1 46 3	25°25'38	24° 1	13°R13	2°31	10°24	23°42	4°21	15° 6	4°15	28°40	5°58	5° 0	13°41	n.a.	T 25
F 26	1 50 0	26°26'35	5♑58	13° 3	3°46	11° 7	23°46	4°18	15°10	4°15	28°39	5°56	4°57	13°48	n.a.	F 26
S 27	1 53 56	27°27'34	17°51	12°43	5° 2	11°50	23°50	4°15	15°13	4°15	28°38	5°55	4°54	13°54	n.a.	S 27
S 28	1 57 53	28°28'33	29°43	12°12	6°17	12°34	23°54	4°11	15°17	4°15	28°37	5°D54	4°51	14° 1	n.a.	S 28
M29	2 1 49	29°29'34	11♒41	11°29	7°33	13°17	23°58	4° 8	15°20	4°15	28°36	5°55	4°48	14° 8	n.a.	M29
T 30	2 5 46	0♏30'35	23°48	10°36	8°48	14° 1	24° 1	4° 4	15°24	4°15	28°35	5°56	4°45	14°15	n.a.	T 30
W31	2 9 42	1♏31'36	6♓10	9♏33	10♏ 4	14♑44	24♋ 4	4♊ 0	15♏27	4♒16	28♓34	5♈58	4♈41	14♑21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	0s28	24s 4	4s40	9s41	1s52	0n 3	1n 5	25s54	2s18	22n42	0n38	20n 5	1s24	16s 1	0n12	20s12	0s48	15s59	17s 7	2n29	2n32	28s25			n.a.
T 2	0 53	20 6	4 3	10 18	1 58	0s29	1 3	25 55	2 17	22 41	0 38	20 5	1 24	16 2	0 12	20 12	0 48	16 0	17 7	2 29	2 30	28 25			n.a.
W 3	1 17	15 13	3 14	10 54	2 3	1 1	1 2	25 55	2 16	22 40	0 38	20 4	1 24	16 3	0 12	20 13	0 48	16 0	17 7	2 29	2 29	28 24			n.a.
T 4	1 41	9 36	2 15	11 30	2 8	1 32	1 0	25 56	2 15	22 39	0 39	20 4	1 25	16 4	0 12	20 13	0 48	16 1	17 7	2 28	2 28	28 23			n.a.
F 5	2 5	3 29	1 7	12 4	2 13	2 4	0 58	25 56	2 14	22 38	0 39	20 4	1 25	16 5	0 12	20 13	0 48	16 1	17 7	2 28	2 27	28 22			n.a.
S 6	2 30	2n55	0n 5	12 38	2 17	2 36	0 57	25 57	2 13	22 37	0 39	20 4	1 25	16 6	0 12	20 13	0 48	16 1	17 7	2 28	2 25	28 22			n.a.
S 7	2 54	9 19	1 19	13 11	2 21	3 8	0 55	25 56	2 11	22 36	0 39	20 3	1 25	16 6	0 12	20 13	0 48	16 2	17 7	2 28	2 24	28 21			n.a.
M 8	3 18	15 25	2 29	13 42	2 25	3 39	0 53	25 56	2 10	22 35	0 39	20 3	1 25	16 7	0 12	20 13	0 48	16 2	17 7	2 28	2 23	28 20			n.a.
T 9	3 42	20 49	3 32	14 13	2 29	4 11	0 51	25 55	2 9	22 34	0 40	20 3	1 25	16 8	0 12	20 13	0 48	16 3	17 7	2 28	2 21	28 20			n.a.
W10	4 6	25 8	4 23	14 42	2 32	4 42	0 49	25 55	2 8	22 33	0 40	20 2	1 25	16 9	0 12	20 13	0 48	16 3	17 7	2 28	2 20	28 19			n.a.
T 11	4 30	27 59	4 58	15 9	2 34	5 14	0 47	25 54	2 7	22 32	0 40	20 2	1 25	16 10	0 12	20 13	0 48	16 3	17 7	2 28	2 19	28 18			n.a.
F 12	4 54	29 1	5 15	15 36	2 37	5 45	0 45	25 52	2 6	22 31	0 40	20 1	1 25	16 11	0 12	20 14	0 48	16 4	17 7	2 28	2 18	28 17			n.a.
S 13	5 18	28 9	5 13	16 1	2 38	6 16	0 43	25 51	2 5	22 30	0 40	20 1	1 25	16 12	0 12	20 14	0 48	16 4	17 7	2 28	2 16	28 17			n.a.
S 14	5 42	25 28	4 52	16 24	2 39	6 47	0 41	25 49	2 4	22 30	0 41	20 1	1 25	16 13	0 12	20 14	0 48	16 4	17 6	2 28	2 15	28 16			n.a.
M15	6 6	21 15	4 14	16 45	2 39	7 18	0 39	25 47	2 3	22 29	0 41	20 0	1 25	16 14	0 12	20 14	0 48	16 5	17 6	2 28	2 14	28 15			n.a.
T 16	6 30	15 52	3 21	17 4	2 39	7 49	0 37	25 45	2 2	22 28	0 41	20 0	1 25	16 15	0 12	20 14	0 48	16 5	17 6	2 28	2 12	28 14			n.a.
W17	6 53	9 43	2 16	17 20	2 38	8 19	0 35	25 42	2 1	22 27	0 41	19 59	1 25	16 16	0 12	20 14	0 47	16 5	17 6	2 29	2 11	28 14			n.a.
T 18	7 17	3 12	1 4	17 35	2 36	8 49	0 33	25 39	2 0	22 26	0 42	19 59	1 25	16 17	0 12	20 14	0 47	16 6	17 6	2 29	2 10	28 13			n.a.
F 19	7 40	3s23	0s10	17 47	2 33	9 19	0 31	25 36	1 59	22 26	0 42	19 58	1 25	16 18	0 11	20 14	0 47	16 6	17 6	2 29	2 9	28 12			n.a.
S 20	8 4	9 42	1 23	17 55	2 29	9 49	0 28	25 33	1 58	22 25	0 42	19 58	1 25	16 19	0 11	20 14	0 47	16 6	17 6	2 29	2 7	28 11			n.a.
S 21	8 27	15 29	2 29	18 1	2 24	10 19	0 26	25 30	1 57	22 24	0 42	19 57	1 25	16 20	0 11	20 14	0 47	16 7	17 6	2 28	2 6	28 10			n.a.
M22	8 50	20 29	3 27	18 3	2 17	10 48	0 24	25 26	1 55	22 24	0 43	19 57	1 25	16 21	0 11	20 14	0 47	16 7	17 5	2 28	2 5	28 10			n.a.
T 23	9 13	24 29	4 14	18 1	2 10	11 18	0 22	25 22	1 54	22 23	0 43	19 56	1 25	16 22	0 11	20 14	0 47	16 7	17 5	2 26	2 4	28 9			n.a.
W24	9 35	27 17	4 47	17 56	2 0	11 46	0 19	25 18	1 53	22 23	0 43	19 55	1 25	16 24	0 11	20 14	0 47	16 7	17 5	2 25	2 2	28 8			n.a.
T 25	9 58	28 46	5 8	17 46	1 50	12 15	0 17	25 13	1 52	22 22	0 43	19 55	1 25	16 25	0 11	20 14	0 47	16 8	17 5	2 24	2 1	28 7			n.a.
F 26	10 20	28 52	5 15	17 31	1 37	12 43	0 15	25 9	1 51	22 22	0 43	19 54	1 25	16 26	0 11	20 14	0 47	16 8	17 5	2 23	2 0	28 6			n.a.
S 27	10 43	27 39	5 8	17 12	1 23	13 11	0 12	25 4	1 50	22 21	0 44	19 54	1 25	16 27	0 11	20 14	0 47	16 8	17 4	2 23	1 58	28 5			n.a.
S 28	11 5	25 11	4 48	16 47	1 8	13 39	0 10	24 59	1 49	22 21	0 44	19 53	1 25	16 28	0 11	20 14	0 47	16 8	17 4	2 23	1 57	28 4			n.a.
M29	11 27	21 36	4 16	16 18	0 51	14 6	0 7	24 53	1 48	22 20	0 44	19 52	1 25	16 29	0 11	20 14	0 47	16 8	17 4	2 23	1 56	28 4			n.a.
T 30	11 49	17 5	3 31	15 43	0 32	14 33	0 5	24 48	1 47	22 20	0 44	19 52	1 25	16 30	0 11	20 14	0 47	16 9	17 4	2 23	1 55	28 3			n.a.
W31	12s10	11s48	2s37	15s 5	0s13	15s 0	0n 3	24s42	1s46	22n20	0n45	19n51	1s25	16s31	0n11	20s13	0s47	16s 9	17s 4	2n24	1n53	28s 2			n.a.

Julian Day Number = 1495241.5, Delta T = 05h11m23s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'33, Lahiri = -12°30'33 Julian Calendar 1 Oct. 620 BCE == Greg. Calendar 24 Sept. 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

NOVEMBER 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 13 39	2♏32'39	18♓50	8°R22	11♏19	15♉28	24♋ 8	3°R56	15♏31	4♒16	28°R33	6♈ 0	4♈38	14♉28	n.a.	T 1
F 2	2 17 36	3°33'42	1♈51	7♏ 4	12°34	16°11	24°10	3♊52	15°34	4°16	28♓33	6°R 0	4°35	14°35	n.a.	F 2
S 3	2 21 32	4°34'46	15°16	5°43	13°50	16°55	24°13	3°48	15°38	4°17	28°32	6° 0	4°32	14°41	n.a.	S 3
S 4	2 25 29	5°35'51	29° 2	4°20	15° 5	17°38	24°16	3°44	15°42	4°17	28°31	5°58	4°29	14°48	n.a.	S 4
M 5	2 29 25	6°36'57	13♉ 9	2°58	16°21	18°22	24°18	3°40	15°45	4°18	28°30	5°55	4°26	14°55	n.a.	M 5
T 6	2 33 22	7°38'04	27°31	1°41	17°36	19° 5	24°20	3°36	15°49	4°18	28°29	5°51	4°22	15° 2	n.a.	T 6
W 7	2 37 18	8°39'12	12♊ 2	0°31	18°51	19°49	24°22	3°32	15°53	4°19	28°28	5°46	4°19	15° 8	n.a.	W 7
T 8	2 41 15	9°40'20	26°37	29♎29	20° 7	20°33	24°24	3°28	15°56	4°19	28°27	5°41	4°16	15°15	n.a.	T 8
F 9	2 45 11	10°41'30	11♋ 8	28°37	21°22	21°16	24°26	3°23	16° 0	4°20	28°27	5°36	4°13	15°22	n.a.	F 9
S 10	2 49 8	11°42'41	25°31	27°56	22°37	22° 0	24°27	3°19	16° 4	4°20	28°26	5°34	4°10	15°28	n.a.	S 10
S 11	2 53 5	12°43'52	9♌42	27°26	23°53	22°44	24°28	3°15	16° 7	4°21	28°25	5°D32	4° 6	15°35	n.a.	S 11
M12	2 57 1	13°45'05	23°40	27° 7	25° 8	23°27	24°29	3°10	16°11	4°22	28°24	5°33	4° 3	15°42	n.a.	M12
T 13	3 0 58	14°46'18	7♍24	26°D59	26°23	24°11	24°30	3° 5	16°14	4°22	28°23	5°34	4° 0	15°49	n.a.	T 13
W14	3 4 54	15°47'32	20°55	27° 1	27°39	24°55	24°31	3° 1	16°18	4°23	28°23	5°35	3°57	15°55	n.a.	W14
T 15	3 8 51	16°48'47	4♎13	27°13	28°54	25°38	24°31	2°56	16°22	4°24	28°22	5°R36	3°54	16° 2	n.a.	T 15
F 16	3 12 47	17°50'02	17°18	27°33	0♐ 9	26°22	24°32	2°51	16°25	4°25	28°21	5°36	3°51	16° 9	n.a.	F 16
S 17	3 16 44	18°51'18	0♏13	28° 1	1°25	27° 6	24°R32	2°47	16°29	4°25	28°21	5°33	3°47	16°16	n.a.	S 17
S 18	3 20 41	19°52'35	12°56	28°36	2°40	27°49	24°32	2°42	16°33	4°26	28°20	5°28	3°44	16°22	n.a.	S 18
M19	3 24 37	20°53'52	25°29	29°17	3°55	28°33	24°31	2°37	16°36	4°27	28°19	5°21	3°41	16°29	n.a.	M19
T 20	3 28 34	21°55'09	7♐50	0♏ 4	5°11	29°17	24°31	2°32	16°40	4°28	28°19	5°12	3°38	16°36	n.a.	T 20
W21	3 32 30	22°56'26	20° 1	0°56	6°26	0♒ 0	24°30	2°27	16°44	4°29	28°18	5° 2	3°35	16°42	n.a.	W21
T 22	3 36 27	23°57'44	2♑ 4	1°52	7°41	0°44	24°29	2°23	16°47	4°30	28°17	4°52	3°32	16°49	n.a.	T 22
F 23	3 40 23	24°59'01	13°59	2°52	8°56	1°28	24°28	2°18	16°51	4°31	28°17	4°44	3°28	16°56	n.a.	F 23
S 24	3 44 20	26° 0'19	25°50	3°56	10°12	2°12	24°27	2°13	16°55	4°32	28°16	4°37	3°25	17° 3	n.a.	S 24
S 25	3 48 16	27° 1'36	7♒40	5° 2	11°27	2°55	24°25	2° 8	16°58	4°33	28°16	4°33	3°22	17° 9	n.a.	S 25
M26	3 52 13	28° 2'53	19°35	6°11	12°42	3°39	24°23	2° 3	17° 2	4°34	28°15	4°30	3°19	17°16	n.a.	M26
T 27	3 56 10	29° 4'10	1♓38	7°23	13°57	4°23	24°21	1°58	17° 6	4°36	28°15	4°D30	3°16	17°23	n.a.	T 27
W28	4 0 6	0♐ 5'27	13°55	8°36	15°12	5° 6	24°19	1°53	17° 9	4°37	28°14	4°31	3°12	17°29	n.a.	W28
T 29	4 4 3	1° 6'43	26°31	9°52	16°28	5°50	24°17	1°48	17°13	4°38	28°14	4°32	3° 9	17°36	n.a.	T 29
F 30	4 7 59	2♐ 7'58	9♈32	11♏ 9	17♐43	6♒34	24♋15	1♊43	17♏16	4♒39	28♓14	4°R32	3♈ 6	17♉43	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s31	5s54	1s33	14s23	0n 7	15s26	0n 0	24s36	1s45	22n19	0n45	19n50	1s25	16s32	0n11	20s13	0s47	16s 9	17s 3	2n25	1n52	28s 1		n.a.
F 2	12 53	0n24	0 23	13 38	0 28	15 52	0s 2	24 29	1 43	22 19	0 45	19 49	1 25	16 33	0 11	20 13	0 47	16 9	17 3	2 25	1 51	28 0		n.a.
S 3	13 14	6 52	0n50	12 51	0 48	16 17	0 5	24 23	1 42	22 19	0 45	19 49	1 25	16 34	0 11	20 13	0 47	16 9	17 3	2 25	1 50	27 59		n.a.
S 4	13 34	13 11	2 3	12 4	1 8	16 42	0 7	24 16	1 41	22 19	0 46	19 48	1 25	16 35	0 11	20 13	0 47	16 9	17 3	2 24	1 48	27 58		n.a.
M 5	13 55	19 0	3 9	11 19	1 27	17 6	0 9	24 9	1 40	22 18	0 46	19 47	1 25	16 36	0 11	20 13	0 47	16 10	17 3	2 23	1 47	27 57		n.a.
T 6	14 15	23 51	4 5	10 36	1 44	17 30	0 12	24 2	1 39	22 18	0 46	19 46	1 25	16 37	0 11	20 13	0 47	16 10	17 2	2 21	1 46	27 56		n.a.
W 7	14 35	27 15	4 45	9 57	1 59	17 54	0 14	23 54	1 38	22 18	0 46	19 46	1 25	16 38	0 11	20 13	0 47	16 10	17 2	2 19	1 44	27 55		n.a.
T 8	14 55	28 51	5 7	9 23	2 13	18 17	0 17	23 46	1 37	22 18	0 47	19 45	1 25	16 39	0 11	20 13	0 47	16 10	17 2	2 17	1 43	27 54		n.a.
F 9	15 14	28 26	5 10	8 54	2 24	18 40	0 19	23 38	1 36	22 18	0 47	19 44	1 25	16 41	0 11	20 12	0 47	16 10	17 2	2 15	1 42	27 53		n.a.
S 10	15 33	26 7	4 53	8 31	2 32	19 2	0 21	23 30	1 35	22 18	0 47	19 43	1 25	16 42	0 11	20 12	0 47	16 10	17 1	2 14	1 41	27 52		n.a.
S 11	15 52	22 12	4 18	8 14	2 39	19 23	0 24	23 22	1 34	22 18	0 47	19 42	1 25	16 43	0 11	20 12	0 47	16 10	17 1	2 14	1 39	27 51		n.a.
M12	16 11	17 5	3 28	8 3	2 44	19 44	0 26	23 13	1 32	22 18	0 48	19 42	1 25	16 44	0 11	20 12	0 47	16 10	17 1	2 14	1 38	27 50		n.a.
T 13	16 30	11 11	2 27	7 57	2 47	20 5	0 29	23 4	1 31	22 18	0 48	19 41	1 25	16 45	0 11	20 12	0 47	16 10	17 1	2 14	1 37	27 49		n.a.
W14	16 48	4 51	1 19	7 56	2 48	20 25	0 31	22 55	1 30	22 18	0 48	19 40	1 25	16 46	0 11	20 12	0 47	16 10	17 0	2 15	1 35	27 48		n.a.
T 15	17 6	1s35	0 8	8 1	2 48	20 44	0 33	22 46	1 29	22 19	0 49	19 39	1 25	16 47	0 11	20 11	0 47	16 10	17 0	2 15	1 34	27 47		n.a.
F 16	17 23	7 51	1s 3	8 9	2 47	21 3	0 35	22 37	1 28	22 19	0 49	19 38	1 25	16 48	0 11	20 11	0 47	16 10	17 0	2 15	1 33	27 46		n.a.
S 17	17 40	13 43	2 9	8 22	2 45	21 21	0 38	22 27	1 27	22 19	0 49	19 37	1 25	16 49	0 11	20 11	0 47	16 10	16 59	2 14	1 32	27 45		n.a.
S 18	17 57	18 55	3 8	8 37	2 41	21 38	0 40	22 17	1 26	22 19	0 49	19 36	1 25	16 50	0 11	20 11	0 47	16 10	16 59	2 12	1 30	27 44		n.a.
M19	18 14	23 13	3 56	8 56	2 37	21 55	0 42	22 7	1 25	22 20	0 50	19 35	1 25	16 51	0 11	20 10	0 47	16 10	16 59	2 9	1 29	27 43		n.a.
T 20	18 30	26 24	4 33	9 17	2 32	22 11	0 44	21 57	1 24	22 20	0 50	19 35	1 25	16 52	0 11	20 10	0 47	16 10	16 58	2 6	1 28	27 42		n.a.
W21	18 46	28 19	4 56	9 40	2 26	22 27	0 47	21 47	1 23	22 20	0 50	19 34	1 25	16 53	0 11	20 10	0 47	16 10	16 58	2 2	1 27	27 41		n.a.
T 22	19 1	28 51	5 6	10 6	2 20	22 42	0 49	21 36	1 22	22 21	0 50	19 33	1 24	16 54	0 11	20 10	0 47	16 10	16 58	1 58	1 25	27 40		n.a.
F 23	19 17	28 2	5 2	10 32	2 14	22 56	0 51	21 25	1 21	22 21	0 51	19 32	1 24	16 56	0 11	20 9	0 47	16 10	16 58	1 54	1 24	27 39		n.a.
S 24	19 31	25 57	4 46	11 1	2 7	23 10	0 53	21 14	1 19	22 22	0 51	19 31	1 24	16 57	0 11	20 9	0 47	16 10	16 57	1 52	1 23	27 38		n.a.
S 25	19 46	22 44	4 17	11 30	2 0	23 23	0 55	21 3	1 18	22 22	0 51	19 30	1 24	16 58	0 11	20 9	0 47	16 10	16 57	1 50	1 21	27 37		n.a.
M26	20 0	18 35	3 37	12 0	1 53	23 35	0 57	20 52	1 17	22 23	0 51	19 29	1 24	16 59	0 11	20 9	0 47	16 10	16 57	1 49	1 20	27 35		n.a.
T 27	20 14	13 38	2 47	12 30	1 46	23 46	0 59	20 40	1 16	22 23	0 52	19 28	1 24	17 0	0 11	20 8	0 47	16 10	16 56	1 49	1 19	27 34		n.a.
W28	20 27	8 4	1 48	13 1	1 38	23 57	1 1	20 28	1 15	22 24	0 52	19 27	1 24	17 1	0 11	20 8	0 47	16 10	16 56	1 49	1 18	27 33		n.a.
T 29	20 40	2 3	0 43	13 33	1 30	24 7	1 3	20 16	1 14	22 25	0 52	19 26	1 24	17 2	0 11	20 8	0 47	16 10	16 56	1 49	1 16	27 32		n.a.
F 30	20s53	4n14	0n27	14s 4	1n23	24s16	1s 5	20s 4	1s13	22n25	0n52	19n26	1s24	17s 3	0n11	20s 7	0s47	16s10	16s55	1n49	1n15	27s31		n.a.

Julian Day Number = 1495272.5, Delta T = 05h11m21s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'29, Lahiri = -12°30'28 Julian Calendar 1 Nov. 620 BCE == Greg. Calendar 25 Oct. 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 620 BCE
geocentric

DECEMBER 620 BCE (-619) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 11 56	3♐ 9'14	22♈59	12♏27	18♐58	7♒17	24°R12	1°R38	17♏20	4♒41	28°R13	4°R30	3♈ 3	17♑50	n.a.	S 1
S 2	4 15 52	4°10'29	6♉54	13°47	20°13	8° 1	24♋ 9	1♊33	17°23	4°42	28♓13	4♈26	3° 0	17°56	n.a.	S 2
M 3	4 19 49	5°11'43	21°16	15° 8	21°28	8°45	24° 6	1°28	17°27	4°43	28°12	4°19	2°57	18° 3	n.a.	M 3
T 4	4 23 45	6°12'58	6♊ 0	16°30	22°43	9°28	24° 3	1°23	17°30	4°45	28°12	4°11	2°53	18°10	n.a.	T 4
W 5	4 27 42	7°14'12	20°58	17°53	23°58	10°12	23°59	1°18	17°34	4°46	28°12	4° 1	2°50	18°16	n.a.	W 5
T 6	4 31 39	8°15'26	6♋ 1	19°17	25°13	10°55	23°56	1°13	17°37	4°47	28°11	3°50	2°47	18°23	n.a.	T 6
F 7	4 35 35	9°16'39	20°59	20°42	26°28	11°39	23°52	1° 8	17°41	4°49	28°11	3°41	2°44	18°30	n.a.	F 7
S 8	4 39 32	10°17'53	5♌44	22° 8	27°43	12°22	23°48	1° 3	17°44	4°50	28°11	3°35	2°41	18°37	n.a.	S 8
S 9	4 43 28	11°19'06	20° 9	23°34	28°58	13° 6	23°44	0°58	17°48	4°52	28°11	3°30	2°38	18°43	n.a.	S 9
M10	4 47 25	12°20'19	4♍12	25° 1	0♑13	13°50	23°40	0°54	17°51	4°53	28°10	3°29	2°34	18°50	n.a.	M10
T 11	4 51 21	13°21'31	17°53	26°29	1°28	14°33	23°35	0°49	17°55	4°55	28°10	3°D28	2°31	18°57	n.a.	T 11
W12	4 55 18	14°22'43	1♎14	27°57	2°43	15°16	23°30	0°44	17°58	4°56	28°10	3°R29	2°28	19° 4	n.a.	W12
T 13	4 59 15	15°23'55	14°17	29°26	3°58	16° 0	23°26	0°39	18° 1	4°58	28°10	3°28	2°25	19°10	n.a.	T 13
F 14	5 3 11	16°25'07	27° 5	0♐56	5°13	16°43	23°21	0°35	18° 5	5° 0	28°10	3°26	2°22	19°17	n.a.	F 14
S 15	5 7 8	17°26'18	9♏40	2°26	6°28	17°27	23°16	0°30	18° 8	5° 1	28°10	3°21	2°18	19°24	n.a.	S 15
S 16	5 11 4	18°27'29	22° 6	3°57	7°43	18°10	23°10	0°25	18°11	5° 3	28°10	3°13	2°15	19°30	n.a.	S 16
M17	5 15 1	19°28'38	4♐22	5°28	8°58	18°54	23° 5	0°21	18°15	5° 5	28°10	3° 1	2°12	19°37	n.a.	M17
T 18	5 18 57	20°29'48	16°32	7° 0	10°13	19°37	22°59	0°16	18°18	5° 6	28° 9	2°48	2° 9	19°44	n.a.	T 18
W19	5 22 54	21°30'56	28°35	8°33	11°28	20°20	22°53	0°12	18°21	5° 8	28°D 9	2°33	2° 6	19°51	n.a.	W19
T 20	5 26 51	22°32'03	10♑32	10° 6	12°43	21° 4	22°48	0° 7	18°24	5°10	28° 9	2°18	2° 3	19°57	n.a.	T 20
F 21	5 30 47	23°33'10	22°24	11°40	13°58	21°47	22°42	0° 3	18°28	5°12	28°10	2° 5	1°59	20° 4	n.a.	F 21
S 22	5 34 44	24°34'15	4♒15	13°14	15°12	22°30	22°35	29♉59	18°31	5°14	28°10	1°53	1°56	20°11	n.a.	S 22
S 23	5 38 40	25°35'19	16° 4	14°49	16°27	23°14	22°29	29°54	18°34	5°15	28°10	1°45	1°53	20°17	n.a.	S 23
M24	5 42 37	26°36'22	27°58	16°24	17°42	23°57	22°23	29°50	18°37	5°17	28°10	1°39	1°50	20°24	n.a.	M24
T 25	5 46 33	27°37'24	9♓59	18° 0	18°57	24°40	22°16	29°46	18°40	5°19	28°10	1°37	1°47	20°31	n.a.	T 25
W26	5 50 30	28°38'24	22°12	19°37	20°11	25°23	22° 9	29°42	18°43	5°21	28°10	1°36	1°44	20°38	n.a.	W26
T 27	5 54 26	29°39'22	4♈42	21°15	21°26	26° 6	22° 3	29°38	18°46	5°23	28°10	1°36	1°40	20°44	n.a.	T 27
F 28	5 58 23	0♑40'20	17°35	22°53	22°41	26°49	21°56	29°34	18°49	5°25	28°10	1°35	1°37	20°51	n.a.	F 28
S 29	6 2 20	1°41'15	0♉56	24°32	23°55	27°33	21°49	29°30	18°52	5°27	28°11	1°33	1°34	20°58	n.a.	S 29
S 30	6 6 16	2°42'09	14°46	26°11	25°10	28°16	21°42	29°27	18°55	5°29	28°11	1°28	1°31	21° 4	n.a.	S 30
M31	6 10 13	3♑43'02	29♉ 7	27♐51	26♑24	28♒59	21♋35	29♉23	18♏58	5♒31	28♓11	1♈21	1♈28	21♑11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s 5	10n33	1n37	14s36	1n15	24s25	1s 7	19s52	1s12	22n26	0n53	19n25	1s24	17s 4	0n11	20s 7	0s47	16s 9	16s55	1n49	1n14	27s30		n.a.
S 2	21 16	16 35	2 44	15 8	1 7	24 33	1 8	19 40	1 11	22 27	0 53	19 24	1 24	17 5	0 11	20 7	0 47	16 9	16 55	1 47	1 12	27 29		n.a.
M 3	21 28	21 54	3 42	15 40	0 59	24 40	1 10	19 27	1 10	22 28	0 53	19 23	1 23	17 6	0 11	20 6	0 47	16 9	16 54	1 44	1 11	27 27		n.a.
T 4	21 39	26 0	4 27	16 11	0 51	24 46	1 12	19 14	1 9	22 29	0 53	19 22	1 23	17 7	0 11	20 6	0 47	16 9	16 54	1 41	1 10	27 26		n.a.
W 5	21 49	28 22	4 55	16 42	0 43	24 51	1 13	19 1	1 8	22 29	0 54	19 21	1 23	17 8	0 11	20 6	0 47	16 9	16 54	1 37	1 9	27 25		n.a.
T 6	21 59	28 40	5 3	17 13	0 36	24 56	1 15	18 48	1 7	22 30	0 54	19 20	1 23	17 9	0 11	20 5	0 47	16 9	16 53	1 33	1 7	27 24		n.a.
F 7	22 9	26 52	4 49	17 44	0 28	25 0	1 17	18 35	1 6	22 31	0 54	19 19	1 23	17 10	0 11	20 5	0 47	16 8	16 53	1 29	1 6	27 23		n.a.
S 8	22 18	23 15	4 17	18 14	0 20	25 3	1 18	18 22	1 5	22 32	0 54	19 18	1 23	17 11	0 11	20 5	0 47	16 8	16 53	1 26	1 5	27 21		n.a.
S 9	22 27	18 16	3 29	18 43	0 13	25 6	1 19	18 8	1 4	22 33	0 55	19 17	1 23	17 12	0 11	20 4	0 47	16 8	16 52	1 25	1 3	27 20		n.a.
M10	22 35	12 24	2 29	19 12	0 5	25 7	1 21	17 54	1 3	22 34	0 55	19 17	1 23	17 13	0 11	20 4	0 47	16 8	16 52	1 24	1 2	27 19		n.a.
T 11	22 43	6 6	1 22	19 40	0s 2	25 8	1 22	17 41	1 2	22 35	0 55	19 16	1 22	17 14	0 11	20 3	0 47	16 7	16 51	1 24	1 1	27 18		n.a.
W12	22 51	0s19	0 12	20 8	0 9	25 8	1 23	17 27	1 1	22 36	0 55	19 15	1 22	17 15	0 11	20 3	0 47	16 7	16 51	1 24	1 0	27 17		n.a.
T 13	22 58	6 35	0s57	20 34	0 16	25 7	1 25	17 13	1 0	22 37	0 56	19 14	1 22	17 16	0 11	20 3	0 47	16 7	16 51	1 24	0 58	27 15		n.a.
F 14	23 4	12 27	2 2	21 0	0 23	25 6	1 26	16 58	0 59	22 38	0 56	19 13	1 22	17 17	0 11	20 2	0 47	16 7	16 50	1 23	0 57	27 14		n.a.
S 15	23 10	17 44	2 59	21 26	0 30	25 4	1 27	16 44	0 58	22 40	0 56	19 12	1 22	17 18	0 11	20 2	0 47	16 6	16 50	1 21	0 56	27 13		n.a.
S 16	23 16	22 12	3 47	21 50	0 37	25 0	1 28	16 29	0 57	22 41	0 56	19 11	1 22	17 19	0 11	20 1	0 47	16 6	16 50	1 18	0 55	27 12		n.a.
M17	23 21	25 37	4 24	22 13	0 43	24 57	1 29	16 15	0 56	22 42	0 57	19 11	1 22	17 19	0 11	20 1	0 47	16 6	16 49	1 13	0 53	27 10		n.a.
T 18	23 26	27 51	4 48	22 35	0 49	24 52	1 30	16 0	0 55	22 43	0 57	19 10	1 21	17 20	0 11	20 0	0 47	16 5	16 49	1 8	0 52	27 9		n.a.
W19	23 30	28 45	4 59	22 57	0 55	24 47	1 31	15 45	0 54	22 44	0 57	19 9	1 21	17 21	0 11	20 0	0 47	16 5	16 49	1 2	0 51	27 8		n.a.
T 20	23 34	28 16	4 56	23 17	1 1	24 40	1 32	15 30	0 53	22 45	0 57	19 8	1 21	17 22	0 11	20 0	0 47	16 5	16 48	0 56	0 49	27 6		n.a.
F 21	23 37	26 30	4 41	23 36	1 7	24 33	1 32	15 15	0 52	22 47	0 58	19 8	1 21	17 23	0 11	19 59	0 47	16 4	16 48	0 50	0 48	27 5		n.a.
S 22	23 40	23 34	4 14	23 54	1 12	24 26	1 33	15 0	0 51	22 48	0 58	19 7	1 21	17 24	0 11	19 59	0 47	16 4	16 48	0 46	0 47	27 4		n.a.
S 23	23 42	19 40	3 35	24 11	1 18	24 17	1 33	14 45	0 50	22 49	0 58	19 6	1 21	17 25	0 11	19 58	0 47	16 4	16 47	0 42	0 46	27 2		n.a.
M24	23 44	14 58	2 48	24 26	1 23	24 8	1 34	14 29	0 49	22 50	0 58	19 5	1 20	17 26	0 11	19 58	0 47	16 3	16 47	0 40	0 44	27 1		n.a.
T 25	23 45	9 39	1 52	24 40	1 27	23 58	1 34	14 14	0 48	22 52	0 58	19 5	1 20	17 27	0 11	19 57	0 47	16 3	16 46	0 39	0 43	27 0		n.a.
W26	23 46	3 54	0 49	24 53	1 32	23 48	1 35	13 58	0 47	22 53	0 59	19 4	1 20	17 27	0 11	19 57	0 47	16 3	16 46	0 39	0 42	26 58		n.a.
T 27	23 46	2n 9	0n16	25 5	1 36	23 36	1 35	13 42	0 46	22 54	0 59	19 3	1 20	17 28	0 11	19 56	0 47	16 2	16 46	0 39	0 40	26 57		n.a.
F 28	23 46	8 17	1 23	25 14	1 40	23 24	1 35	13 27	0 45	22 56	0 59	19 3	1 20	17 29	0 11	19 56	0 47	16 2	16 45	0 38	0 39	26 56		n.a.
S 29	23 46	14 16	2 28	25 23	1 44	23 11	1 36	13 11	0 44	22 57	0 59	19 2	1 19	17 30	0 11	19 55	0 47	16 1	16 45	0 37	0 38	26 54		n.a.
S 30	23 45	19 47	3 27	25 30	1 47	22 58	1 36	12 55	0 43	22 58	0 59	19 1	1 19	17 31	0 11	19 55	0 47	16 1	16 45	0 36	0 37	26 53		n.a.
M31	23s43	24n22	4n14	25s35	1s50	22s44	1s36	12s39	0s42	23n 0	1n 0	19n 1	1s19	17s32	0n11	19s54	0s47	16s 1	16s44	0n33	0n35	26s52		n.a.

Julian Day Number = 1495302.5, Delta T = 05h11m20s
Ecliptic obliquity = 23°46'21, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'25, Lahiri = -12°30'24 Julian Calendar 1 Dec. 620 BCE == Greg. Calendar 24 Nov. 620 BCE

The year -619 astronomical counting style corresponds to year 620 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

JANUARY 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 14 9	4♑43'54	13♊55	29♐32	27♑39	29♒42	21°R27	29°R19	19♏ 1	5♒33	28♓11	1°R11	1♈24	21♑18	n.a.	T 1
W 2	6 18 6	5°44'44	29° 4	1♑14	28°53	0♓25	21♋20	29♉16	19° 3	5°35	28°12	1♈ 0	1°21	21°25	n.a.	W 2
T 3	6 22 2	6°45'32	14♋23	2°57	0♒ 8	1° 8	21°13	29°12	19° 6	5°37	28°12	0°48	1°18	21°31	n.a.	T 3
F 4	6 25 59	7°46'19	29°41	4°40	1°22	1°51	21° 5	29° 9	19° 9	5°39	28°12	0°38	1°15	21°38	n.a.	F 4
S 5	6 29 55	8°47'05	14♌46	6°24	2°37	2°33	20°58	29° 6	19°12	5°41	28°13	0°29	1°12	21°45	n.a.	S 5
S 6	6 33 52	9°47'50	29°31	8° 9	3°51	3°16	20°50	29° 3	19°14	5°43	28°13	0°24	1° 9	21°51	n.a.	S 6
M 7	6 37 49	10°48'33	13♍49	9°54	5° 5	3°59	20°42	29° 0	19°17	5°45	28°13	0°21	1° 5	21°58	n.a.	M 7
T 8	6 41 45	11°49'15	27°40	11°41	6°20	4°42	20°35	28°57	19°19	5°47	28°14	0°D20	1° 2	22° 5	n.a.	T 8
W 9	6 45 42	12°49'55	11♎ 4	13°28	7°34	5°25	20°27	28°54	19°22	5°49	28°14	0°R20	0°59	22°12	n.a.	W 9
T 10	6 49 38	13°50'35	24° 5	15°16	8°48	6° 7	20°19	28°51	19°24	5°52	28°15	0°20	0°56	22°18	n.a.	T 10
F 11	6 53 35	14°51'13	6♏46	17° 5	10° 2	6°50	20°11	28°48	19°27	5°54	28°15	0°18	0°53	22°25	n.a.	F 11
S 12	6 57 31	15°51'50	19°13	18°54	11°17	7°33	20° 3	28°46	19°29	5°56	28°16	0°14	0°50	22°32	n.a.	S 12
S 13	7 1 28	16°52'25	1♐27	20°44	12°31	8°15	19°55	28°43	19°32	5°58	28°16	0° 6	0°46	22°38	n.a.	S 13
M14	7 5 24	17°52'59	13°33	22°35	13°45	8°58	19°47	28°41	19°34	6° 0	28°17	29♓56	0°43	22°45	n.a.	M14
T 15	7 9 21	18°53'31	25°32	24°26	14°59	9°41	19°40	28°39	19°36	6° 2	28°17	29°44	0°40	22°52	n.a.	T 15
W16	7 13 18	19°54'02	7♑28	26°18	16°13	10°23	19°32	28°36	19°39	6° 5	28°18	29°30	0°37	22°59	n.a.	W16
T 17	7 17 14	20°54'31	19°20	28° 9	17°27	11° 6	19°24	28°34	19°41	6° 7	28°19	29°16	0°34	23° 5	n.a.	T 17
F 18	7 21 11	21°54'58	1♒11	0♒ 2	18°41	11°48	19°16	28°32	19°43	6° 9	28°19	29° 4	0°30	23°12	n.a.	F 18
S 19	7 25 7	22°55'24	13° 2	1°54	19°55	12°31	19° 8	28°30	19°45	6°11	28°20	28°53	0°27	23°19	n.a.	S 19
S 20	7 29 4	23°55'47	24°55	3°46	21° 9	13°13	19° 0	28°29	19°47	6°13	28°21	28°45	0°24	23°25	n.a.	S 20
M21	7 33 0	24°56'09	6♓52	5°37	22°23	13°56	18°52	28°27	19°49	6°16	28°21	28°40	0°21	23°32	n.a.	M21
T 22	7 36 57	25°56'28	18°56	7°28	23°36	14°38	18°44	28°25	19°51	6°18	28°22	28°37	0°18	23°39	n.a.	T 22
W23	7 40 53	26°56'45	1♈11	9°18	24°50	15°20	18°36	28°24	19°53	6°20	28°23	28°D37	0°15	23°46	n.a.	W23
T 24	7 44 50	27°57'00	13°41	11° 6	26° 4	16° 3	18°29	28°23	19°55	6°22	28°23	28°38	0°11	23°52	n.a.	T 24
F 25	7 48 47	28°57'13	26°30	12°53	27°17	16°45	18°21	28°21	19°57	6°25	28°24	28°R38	0° 8	23°59	n.a.	F 25
S 26	7 52 43	29°57'24	9♉43	14°37	28°31	17°27	18°13	28°20	19°59	6°27	28°25	28°38	0° 5	24° 6	n.a.	S 26
S 27	7 56 40	0♒57'33	23°24	16°19	29°44	18° 9	18° 6	28°19	20° 1	6°29	28°26	28°35	0° 2	24°12	n.a.	S 27
M28	8 0 36	1°57'39	7♊33	17°57	0♓58	18°51	17°58	28°18	20° 2	6°32	28°27	28°31	29♓59	24°19	n.a.	M28
T 29	8 4 33	2°57'43	22°10	19°32	2°11	19°33	17°51	28°18	20° 4	6°34	28°28	28°24	29°56	24°26	n.a.	T 29
W30	8 8 29	3°57'45	7♋10	21° 2	3°25	20°16	17°43	28°17	20° 6	6°36	28°28	28°16	29°52	24°33	n.a.	W30
T 31	8 12 26	4♒57'45	22♋24	22♒28	4♓38	20♓58	17♋36	28♉17	20♏ 7	6♒38	28♓29	28♓ 8	29♓49	24♑39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s41	27n32	4n47	25s39	1s53	22s29	1s36	12s23	0s41	23n 1	1n 0	19n 0	1s19	17s32	0n11	19s54	0s47	16s 0	16s44	0n29	0n34	26s50			n.a.
W 2	23 39	28 46	5 0	25 41	1 55	22 14	1 36	12 6	0 40	23 2	1 0	18 59	1 19	17 33	0 11	19 53	0 47	16 0	16 44	0 24	0 33	26 49			n.a.
T 3	23 36	27 49	4 52	25 41	1 57	21 57	1 35	11 50	0 39	23 4	1 0	18 59	1 19	17 34	0 11	19 53	0 47	15 59	16 43	0 19	0 31	26 47			n.a.
F 4	23 32	24 46	4 23	25 40	1 59	21 41	1 35	11 34	0 38	23 5	1 0	18 58	1 18	17 35	0 11	19 52	0 47	15 59	16 43	0 15	0 30	26 46			n.a.
S 5	23 29	20 4	3 36	25 37	2 0	21 23	1 35	11 17	0 37	23 6	1 0	18 58	1 18	17 35	0 11	19 52	0 47	15 58	16 42	0 12	0 29	26 45			n.a.
S 6	23 24	14 13	2 35	25 31	2 1	21 5	1 34	11 1	0 36	23 8	1 1	18 57	1 18	17 36	0 11	19 51	0 47	15 58	16 42	0 10	0 28	26 43			n.a.
M 7	23 20	7 46	1 26	25 24	2 1	20 47	1 34	10 44	0 36	23 9	1 1	18 57	1 18	17 37	0 11	19 51	0 47	15 57	16 42	0 8	0 26	26 42			n.a.
T 8	23 14	1 10	0 14	25 15	2 1	20 27	1 33	10 27	0 35	23 11	1 1	18 56	1 18	17 38	0 11	19 50	0 47	15 57	16 41	0 8	0 25	26 40			n.a.
W 9	23 9	5s18	0s56	25 4	2 0	20 8	1 33	10 11	0 34	23 12	1 1	18 56	1 17	17 38	0 11	19 50	0 47	15 56	16 41	0 8	0 24	26 39			n.a.
T 10	23 2	11 21	2 2	24 52	1 59	19 47	1 32	9 54	0 33	23 13	1 1	18 56	1 17	17 39	0 11	19 49	0 47	15 56	16 41	0 8	0 23	26 37			n.a.
F 11	22 56	16 47	3 0	24 37	1 58	19 26	1 31	9 37	0 32	23 15	1 1	18 55	1 17	17 40	0 11	19 49	0 47	15 55	16 40	0 7	0 21	26 36			n.a.
S 12	22 49	21 25	3 48	24 20	1 56	19 5	1 31	9 20	0 31	23 16	1 2	18 55	1 17	17 40	0 11	19 48	0 47	15 55	16 40	0 5	0 20	26 34			n.a.
S 13	22 41	25 3	4 25	24 0	1 53	18 43	1 30	9 3	0 30	23 17	1 2	18 55	1 16	17 41	0 11	19 48	0 47	15 54	16 40	0 2	0 19	26 33			n.a.
M14	22 34	27 31	4 49	23 39	1 50	18 21	1 29	8 46	0 29	23 19	1 2	18 54	1 16	17 42	0 11	19 47	0 47	15 54	16 39	0s 2	0 17	26 31			n.a.
T 15	22 25	28 42	5 0	23 16	1 46	17 58	1 28	8 29	0 28	23 20	1 2	18 54	1 16	17 42	0 11	19 46	0 47	15 53	16 39	0 7	0 16	26 30			n.a.
W16	22 16	28 31	4 58	22 51	1 41	17 34	1 27	8 12	0 27	23 21	1 2	18 54	1 16	17 43	0 11	19 46	0 47	15 53	16 39	0 12	0 15	26 28			n.a.
T 17	22 7	27 1	4 43	22 23	1 36	17 10	1 25	7 55	0 27	23 22	1 2	18 53	1 16	17 43	0 11	19 45	0 47	15 52	16 38	0 18	0 14	26 27			n.a.
F 18	21 58	24 19	4 16	21 54	1 31	16 46	1 24	7 38	0 26	23 24	1 2	18 53	1 15	17 44	0 11	19 45	0 47	15 52	16 38	0 23	0 12	26 25			n.a.
S 19	21 48	20 36	3 37	21 23	1 24	16 21	1 23	7 20	0 25	23 25	1 2	18 53	1 15	17 45	0 11	19 44	0 47	15 51	16 38	0 27	0 11	26 24			n.a.
S 20	21 37	16 3	2 49	20 50	1 17	15 56	1 21	7 3	0 24	23 26	1 3	18 53	1 15	17 45	0 11	19 44	0 47	15 50	16 37	0 30	0 10	26 22			n.a.
M21	21 26	10 51	1 53	20 15	1 9	15 30	1 20	6 46	0 23	23 27	1 3	18 53	1 15	17 46	0 11	19 43	0 47	15 50	16 37	0 32	0 8	26 21			n.a.
T 22	21 15	5 13	0 51	19 38	1 1	15 4	1 18	6 28	0 22	23 29	1 3	18 52	1 15	17 46	0 11	19 43	0 47	15 49	16 37	0 33	0 7	26 19			n.a.
W23	21 4	0n41	0n14	19 0	0 52	14 38	1 17	6 11	0 21	23 30	1 3	18 52	1 14	17 47	0 11	19 42	0 47	15 49	16 36	0 33	0 6	26 18			n.a.
T 24	20 52	6 41	1 20	18 21	0 42	14 11	1 15	5 54	0 21	23 31	1 3	18 52	1 14	17 47	0 11	19 41	0 47	15 48	16 36	0 33	0 5	26 16			n.a.
F 25	20 39	12 35	2 23	17 40	0 31	13 44	1 13	5 36	0 20	23 32	1 3	18 52	1 14	17 48	0 11	19 41	0 47	15 47	16 36	0 33	0 3	26 15			n.a.
S 26	20 26	18 6	3 21	16 59	0 20	13 16	1 11	5 19	0 19	23 33	1 3	18 52	1 14	17 48	0 11	19 40	0 47	15 47	16 35	0 33	0 2	26 13			n.a.
S 27	20 13	22 54	4 10	16 17	0 8	12 48	1 10	5 1	0 18	23 34	1 3	18 52	1 13	17 49	0 11	19 40	0 47	15 46	16 35	0 34	0 1	26 11			n.a.
M28	20 0	26 34	4 45	15 35	0n 5	12 20	1 8	4 44	0 17	23 35	1 3	18 52	1 13	17 49	0 11	19 39	0 47	15 46	16 35	0 36	0s 1	26 10			n.a.
T 29	19 46	28 35	5 4	14 53	0 18	11 52	1 6	4 27	0 17	23 36	1 3	18 52	1 13	17 50	0 11	19 39	0 47	15 45	16 35	0 39	0 2	26 8			n.a.
W30	19 32	28 36	5 2	14 11	0 32	11 23	1 4	4 9	0 16	23 38	1 3	18 52	1 13	17 50	0 11	19 38	0 47	15 44	16 34	0 42	0 3	26 7			n.a.
T 31	19s17	26n28	4n39	13s30	0n46	10s54	1s 1	3s52	0s15	23n39	1n 3	18n52	1s13	17s51	0n11	19s37	0s47	15s44	16s34	0s45	0s 4	26s 5			n.a.

Julian Day Number = 1495333.5, Delta T = 05h11m18s
Ecliptic obliquity = 23°46'20, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'21, Lahiri = -12°30'20 Julian Calendar 1 Jan. 619 BCE == Greg. Calendar 25 Dec. 620 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

FEBRUARY 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 16 23	5♒57'42	7♌44	23♒48	5♓51	21♓40	17°R29	28°R16	20♏ 9	6♒41	28♓30	28°R 0	29♓46	24♉46	n.a.	F 1
S 2	8 20 19	6°57'38	22°56	25° 1	7° 4	22°22	17♋22	28♉16	20°10	6°43	28°31	27♓54	29°43	24°53	n.a.	S 2
S 3	8 24 16	7°57'31	7♍51	26° 9	8°18	23° 3	17°15	28°16	20°12	6°45	28°32	27°50	29°40	24°59	n.a.	S 3
M 4	8 28 12	8°57'23	22°23	27° 9	9°31	23°45	17° 8	28°D15	20°13	6°47	28°33	27°D48	29°36	25° 6	n.a.	M 4
T 5	8 32 9	9°57'13	6♎26	28° 2	10°44	24°27	17° 1	28°15	20°14	6°50	28°34	27°49	29°33	25°13	n.a.	T 5
W 6	8 36 5	10°57'00	20° 1	28°47	11°57	25° 9	16°54	28°16	20°16	6°52	28°35	27°50	29°30	25°20	n.a.	W 6
T 7	8 40 2	11°56'46	3♏ 9	29°24	13°10	25°51	16°48	28°16	20°17	6°54	28°36	27°51	29°27	25°26	n.a.	T 7
F 8	8 43 58	12°56'31	15°54	29°52	14°22	26°33	16°41	28°16	20°18	6°57	28°37	27°R51	29°24	25°33	n.a.	F 8
S 9	8 47 55	13°56'13	28°20	0♓12	15°35	27°14	16°35	28°17	20°19	6°59	28°38	27°50	29°21	25°40	n.a.	S 9
S 10	8 51 51	14°55'54	10♐32	0°24	16°48	27°56	16°29	28°17	20°20	7° 1	28°39	27°47	29°17	25°46	n.a.	S 10
M11	8 55 48	15°55'33	22°33	0°R27	18° 1	28°38	16°23	28°18	20°21	7° 3	28°40	27°42	29°14	25°53	n.a.	M11
T 12	8 59 45	16°55'09	4♑28	0°21	19°13	29°19	16°17	28°19	20°22	7° 6	28°41	27°35	29°11	26° 0	n.a.	T 12
W13	9 3 41	17°54'44	16°19	0° 8	20°26	0♈ 1	16°11	28°20	20°23	7° 8	28°42	27°28	29° 8	26° 7	n.a.	W13
T 14	9 7 38	18°54'17	28°10	29♒47	21°38	0°42	16° 5	28°21	20°24	7°10	28°43	27°20	29° 5	26°13	n.a.	T 14
F 15	9 11 34	19°53'48	10♒ 2	29°19	22°51	1°24	15°59	28°22	20°25	7°12	28°44	27°13	29° 2	26°20	n.a.	F 15
S 16	9 15 31	20°53'16	21°57	28°44	24° 3	2° 5	15°54	28°23	20°26	7°15	28°45	27° 7	28°58	26°27	n.a.	S 16
S 17	9 19 27	21°52'43	3♓56	28° 5	25°15	2°47	15°49	28°24	20°26	7°17	28°47	27° 3	28°55	26°33	n.a.	S 17
M18	9 23 24	22°52'07	16° 2	27°20	26°27	3°28	15°44	28°26	20°27	7°19	28°48	27° 1	28°52	26°40	n.a.	M18
T 19	9 27 20	23°51'29	28°17	26°32	27°39	4° 9	15°39	28°27	20°28	7°21	28°49	27°D 0	28°49	26°47	n.a.	T 19
W20	9 31 17	24°50'48	10♈42	25°41	28°51	4°51	15°34	28°29	20°28	7°23	28°50	27° 1	28°46	26°54	n.a.	W20
T 21	9 35 14	25°50'05	23°20	24°49	0♈ 3	5°32	15°29	28°31	20°29	7°26	28°51	27° 2	28°42	27° 0	n.a.	T 21
F 22	9 39 10	26°49'20	6♉15	23°57	1°15	6°13	15°25	28°33	20°29	7°28	28°52	27° 4	28°39	27° 7	n.a.	F 22
S 23	9 43 7	27°48'32	19°29	23° 6	2°27	6°55	15°20	28°35	20°30	7°30	28°54	27° 5	28°36	27°14	n.a.	S 23
S 24	9 47 3	28°47'42	3♊ 4	22°16	3°39	7°36	15°16	28°37	20°30	7°32	28°55	27°R 5	28°33	27°20	n.a.	S 24
M25	9 51 0	29°46'50	17° 2	21°28	4°50	8°17	15°12	28°39	20°30	7°34	28°56	27° 4	28°30	27°27	n.a.	M25
T 26	9 54 56	0♓45'55	1♋23	20°44	6° 2	8°58	15° 9	28°41	20°30	7°36	28°57	27° 2	28°27	27°34	n.a.	T 26
W27	9 58 53	1°44'58	16° 3	20° 4	7°13	9°39	15° 5	28°44	20°31	7°38	28°58	26°59	28°23	27°40	n.a.	W27
T 28	10 2 49	2♓43'58	0♌58	19♒29	8♈25	10♈20	15♋ 2	28♉46	20♏31	7♒41	29♓ 0	26♓56	28♓20	27♉47	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 3	22n23	3n56	12s50	1n 0	10s24	0s59	3s34	0s14	23n40	1n 3	18n53	1s12	17s51	0n11	19s37	0s47	15s43	16s34	0s48	0s 6	26s 3		n.a.
S 2	18 47	16 50	2 56	12 12	1 14	9 55	0 57	3 17	0 13	23 41	1 3	18 53	1 12	17 51	0 11	19 36	0 47	15 43	16 33	0 51	0 7	26 2		n.a.
S 3	18 32	10 22	1 45	11 35	1 29	9 25	0 55	2 59	0 13	23 41	1 3	18 53	1 12	17 52	0 11	19 36	0 47	15 42	16 33	0 52	0 8	26 0		n.a.
M 4	18 16	3 31	0 29	11 1	1 44	8 55	0 52	2 42	0 12	23 42	1 4	18 53	1 12	17 52	0 11	19 35	0 47	15 41	16 33	0 53	0 9	25 58		n.a.
T 5	18 0	3s18	0s46	10 29	1 58	8 25	0 50	2 24	0 11	23 43	1 4	18 53	1 11	17 53	0 11	19 35	0 47	15 41	16 33	0 53	0 11	25 57		n.a.
W 6	17 44	9 44	1 57	10 0	2 12	7 54	0 47	2 6	0 10	23 44	1 4	18 54	1 11	17 53	0 11	19 34	0 47	15 40	16 32	0 52	0 12	25 55		n.a.
T 7	17 27	15 32	2 59	9 34	2 26	7 24	0 45	1 49	0 9	23 45	1 4	18 54	1 11	17 53	0 11	19 33	0 47	15 39	16 32	0 52	0 13	25 53		n.a.
F 8	17 10	20 30	3 50	9 12	2 39	6 53	0 42	1 31	0 9	23 46	1 4	18 54	1 11	17 54	0 11	19 33	0 47	15 39	16 32	0 52	0 15	25 52		n.a.
S 9	16 52	24 26	4 29	8 53	2 52	6 22	0 39	1 14	0 8	23 47	1 4	18 54	1 11	17 54	0 11	19 32	0 47	15 38	16 31	0 52	0 16	25 50		n.a.
S 10	16 35	27 12	4 55	8 38	3 3	5 51	0 37	0 57	0 7	23 48	1 4	18 55	1 10	17 54	0 11	19 32	0 47	15 38	16 31	0 54	0 17	25 48		n.a.
M11	16 17	28 41	5 8	8 27	3 14	5 19	0 34	0 39	0 6	23 48	1 4	18 55	1 10	17 54	0 11	19 31	0 47	15 37	16 31	0 56	0 18	25 47		n.a.
T 12	15 59	28 48	5 7	8 21	3 23	4 48	0 31	0 22	0 6	23 49	1 4	18 56	1 10	17 55	0 11	19 31	0 47	15 36	16 31	0 58	0 20	25 45		n.a.
W13	15 41	27 36	4 52	8 18	3 31	4 17	0 28	0 4	0 5	23 50	1 4	18 56	1 10	17 55	0 11	19 30	0 47	15 36	16 30	1 1	0 21	25 43		n.a.
T 14	15 22	25 9	4 26	8 19	3 37	3 45	0 25	0n13	0 4	23 50	1 4	18 56	1 9	17 55	0 11	19 30	0 47	15 35	16 30	1 4	0 22	25 42		n.a.
F 15	15 3	21 37	3 48	8 25	3 42	3 13	0 22	0 31	0 3	23 51	1 4	18 57	1 9	17 55	0 11	19 29	0 47	15 34	16 30	1 7	0 24	25 40		n.a.
S 16	14 44	17 12	2 59	8 34	3 45	2 42	0 19	0 48	0 3	23 52	1 4	18 57	1 9	17 56	0 11	19 28	0 47	15 34	16 30	1 10	0 25	25 38		n.a.
S 17	14 25	12 6	2 2	8 47	3 46	2 10	0 16	1 5	0 2	23 52	1 4	18 58	1 9	17 56	0 11	19 28	0 47	15 33	16 30	1 11	0 26	25 36		n.a.
M18	14 5	6 30	1 0	9 3	3 45	1 38	0 13	1 23	0 1	23 53	1 4	18 58	1 9	17 56	0 11	19 27	0 47	15 32	16 29	1 12	0 27	25 35		n.a.
T 19	13 45	0 35	0n 7	9 22	3 42	1 6	0 10	1 40	0 0	23 54	1 4	18 59	1 8	17 56	0 11	19 27	0 47	15 32	16 29	1 12	0 29	25 33		n.a.
W20	13 25	5n26	1 14	9 43	3 38	0 34	0 7	1 57	0n 0	23 54	1 4	19 0	1 8	17 56	0 11	19 26	0 47	15 31	16 29	1 12	0 30	25 31		n.a.
T 21	13 5	11 20	2 19	10 6	3 32	0 2	0 4	2 15	0 1	23 55	1 3	19 0	1 8	17 56	0 11	19 26	0 47	15 30	16 29	1 12	0 31	25 29		n.a.
F 22	12 45	16 54	3 18	10 31	3 24	0n30	0 1	2 32	0 2	23 55	1 3	19 1	1 8	17 57	0 11	19 25	0 47	15 30	16 29	1 11	0 33	25 28		n.a.
S 23	12 24	21 49	4 9	10 57	3 14	1 2	0n 3	2 49	0 2	23 56	1 3	19 2	1 7	17 57	0 11	19 25	0 47	15 29	16 28	1 10	0 34	25 26		n.a.
S 24	12 3	25 45	4 47	11 24	3 3	1 34	0 6	3 6	0 3	23 56	1 3	19 2	1 7	17 57	0 11	19 24	0 47	15 28	16 28	1 10	0 35	25 24		n.a.
M25	11 42	28 15	5 9	11 51	2 51	2 5	0 9	3 23	0 4	23 56	1 3	19 3	1 7	17 57	0 11	19 23	0 47	15 28	16 28	1 11	0 36	25 22		n.a.
T 26	11 21	28 59	5 13	12 17	2 38	2 37	0 13	3 40	0 4	23 57	1 3	19 4	1 7	17 57	0 11	19 23	0 47	15 27	16 28	1 12	0 38	25 21		n.a.
W27	11 0	27 42	4 57	12 43	2 24	3 9	0 16	3 57	0 5	23 57	1 3	19 4	1 7	17 57	0 11	19 22	0 47	15 26	16 28	1 13	0 39	25 19		n.a.
T 28	10s39	24n27	4n20	13s 8	2n10	3n41	0n19	4n14	0n 6	23n58	1n 3	19n 5	1s 6	17s57	0n11	19s22	0s47	15s26	16s27	1s14	0s40	25s17		n.a.

Julian Day Number = 1495364.5, Delta T = 05h11m17s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'16, Lahiri = -12°30'16 Julian Calendar 1 Feb. 619 BCE == Greg. Calendar 25 Jan. 619 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

MARCH 619 BCE (-618) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 6 46	3♓42'56	16♌ 0	18°R58	9♈36	11♈ 1	14°R58	28♉49	20♏31	7♒43	29♓ 1	26°R53	28♓17	27♂54	n.a.	F 1
S 2	10 10 43	4°41'51	1♍ 0	18♒33	10°47	11°42	14♋55	28°52	20°R31	7°45	29° 2	26♓50	28°14	28° 1	n.a.	S 2
S 3	10 14 39	5°40'45	15°50	18°13	11°58	12°23	14°52	28°55	20°31	7°47	29° 3	26°49	28°11	28° 7	n.a.	S 3
M 4	10 18 36	6°39'36	0♎21	17°58	13° 9	13° 4	14°50	28°58	20°31	7°49	29° 5	26°D49	28° 8	28°14	n.a.	M 4
T 5	10 22 32	7°38'25	14°30	17°49	14°20	13°45	14°47	29° 1	20°31	7°51	29° 6	26°49	28° 4	28°21	n.a.	T 5
W 6	10 26 29	8°37'13	28°12	17°D46	15°31	14°25	14°45	29° 4	20°31	7°53	29° 7	26°50	28° 1	28°27	n.a.	W 6
T 7	10 30 25	9°35'58	11♏28	17°48	16°41	15° 6	14°43	29° 7	20°30	7°55	29° 9	26°52	27°58	28°34	n.a.	T 7
F 8	10 34 22	10°34'42	24°20	17°55	17°52	15°47	14°41	29°10	20°30	7°57	29°10	26°53	27°55	28°41	n.a.	F 8
S 9	10 38 18	11°33'24	6♐51	18° 8	19° 3	16°28	14°39	29°14	20°30	7°59	29°11	26°R54	27°52	28°48	n.a.	S 9
S 10	10 42 15	12°32'04	19° 5	18°25	20°13	17° 8	14°37	29°17	20°29	8° 1	29°13	26°54	27°48	28°54	n.a.	S 10
M11	10 46 11	13°30'42	1♑ 7	18°47	21°23	17°49	14°36	29°21	20°29	8° 3	29°14	26°53	27°45	29° 1	n.a.	M11
T 12	10 50 8	14°29'19	13° 2	19°13	22°33	18°30	14°34	29°25	20°28	8° 5	29°15	26°52	27°42	29° 8	n.a.	T 12
W13	10 54 5	15°27'53	24°52	19°44	23°43	19°10	14°33	29°28	20°28	8° 7	29°17	26°50	27°39	29°14	n.a.	W13
T 14	10 58 1	16°26'26	6♒43	20°19	24°53	19°51	14°33	29°32	20°27	8° 9	29°18	26°48	27°36	29°21	n.a.	T 14
F 15	11 1 58	17°24'57	18°37	20°58	26° 3	20°31	14°32	29°36	20°27	8°10	29°19	26°47	27°33	29°28	n.a.	F 15
S 16	11 5 54	18°23'26	0♓38	21°41	27°13	21°12	14°31	29°40	20°26	8°12	29°21	26°46	27°29	29°34	n.a.	S 16
S 17	11 9 51	19°21'53	12°47	22°27	28°23	21°52	14°31	29°45	20°25	8°14	29°22	26°45	27°26	29°41	n.a.	S 17
M18	11 13 47	20°20'18	25° 6	23°17	29°32	22°33	14°D31	29°49	20°24	8°16	29°23	26°D45	27°23	29°48	n.a.	M18
T 19	11 17 44	21°18'41	7♈36	24°10	0♉41	23°13	14°31	29°53	20°24	8°18	29°25	26°45	27°20	29°55	n.a.	T 19
W20	11 21 40	22°17'02	20°19	25° 6	1°51	23°53	14°31	29°58	20°23	8°19	29°26	26°45	27°17	0♒ 1	n.a.	W20
T 21	11 25 37	23°15'21	3♉16	26° 5	3° 0	24°34	14°32	0♊ 2	20°22	8°21	29°28	26°46	27°13	0° 8	n.a.	T 21
F 22	11 29 33	24°13'38	16°27	27° 7	4° 9	25°14	14°32	0° 7	20°21	8°23	29°29	26°46	27°10	0°15	n.a.	F 22
S 23	11 33 30	25°11'53	29°52	28°12	5°18	25°54	14°33	0°11	20°20	8°25	29°30	26°46	27° 7	0°21	n.a.	S 23
S 24	11 37 27	26°10'06	13♊33	29°19	6°26	26°34	14°34	0°16	20°19	8°26	29°32	26°46	27° 4	0°28	n.a.	S 24
M25	11 41 23	27° 8'16	27°28	0♓29	7°35	27°15	14°35	0°21	20°18	8°28	29°33	26°46	27° 1	0°35	n.a.	M25
T 26	11 45 20	28° 6'25	11♋38	1°41	8°44	27°55	14°37	0°26	20°17	8°30	29°34	26°46	26°58	0°41	n.a.	T 26
W27	11 49 16	29° 4'31	26° 1	2°56	9°52	28°35	14°38	0°31	20°15	8°31	29°36	26°47	26°54	0°48	n.a.	W27
T 28	11 53 13	0♈ 2'35	10♌32	4°12	11° 0	29°15	14°40	0°36	20°14	8°33	29°37	26°47	26°51	0°55	n.a.	T 28
F 29	11 57 9	1° 0'38	25° 8	5°32	12° 8	29°55	14°42	0°41	20°13	8°34	29°39	26°47	26°48	1° 2	n.a.	F 29
S 30	12 1 6	1°58'38	9♍44	6°53	13°16	0♉35	14°44	0°46	20°12	8°36	29°40	26°48	26°45	1° 8	n.a.	S 30
S 31	12 5 2	2♈56'36	24♍12	8♓17	14♉24	1♉15	14♋46	0♊52	20♏10	8♒37	29♓41	26°R48	26♓42	1♒15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s17	19n32	3n26	13s32	1n55	4n12	0n23	4n31	0n 6	23n58	1n 3	19n 6	1s 6	17s57	0n11	19s21	0s47	15s25	16s27	1s15	0s41	25s15		n.a.
S 2	9 55	13 24	2 17	13 54	1 40	4 44	0 26	4 48	0 7	23 58	1 3	19 7	1 6	17 57	0 11	19 21	0 47	15 24	16 27	1 16	0 43	25 13		n.a.
S 3	9 33	6 35	1 0	14 15	1 24	5 15	0 30	5 5	0 8	23 58	1 3	19 8	1 6	17 57	0 11	19 20	0 47	15 24	16 27	1 17	0 44	25 11		n.a.
M 4	9 11	0s27	0s20	14 34	1 9	5 46	0 33	5 21	0 8	23 59	1 3	19 8	1 5	17 57	0 11	19 20	0 47	15 23	16 27	1 17	0 45	25 10		n.a.
T 5	8 49	7 16	1 36	14 51	0 54	6 17	0 36	5 38	0 9	23 59	1 3	19 9	1 5	17 57	0 11	19 19	0 47	15 22	16 27	1 17	0 47	25 8		n.a.
W 6	8 27	13 32	2 45	15 7	0 39	6 48	0 40	5 55	0 10	23 59	1 3	19 10	1 5	17 57	0 11	19 19	0 47	15 22	16 27	1 16	0 48	25 6		n.a.
T 7	8 5	19 0	3 42	15 20	0 24	7 19	0 43	6 11	0 10	23 59	1 3	19 11	1 5	17 57	0 11	19 18	0 47	15 21	16 26	1 16	0 49	25 4		n.a.
F 8	7 42	23 25	4 27	15 31	0 10	7 50	0 47	6 28	0 11	23 59	1 3	19 12	1 5	17 57	0 11	19 18	0 47	15 21	16 26	1 15	0 50	25 2		n.a.
S 9	7 20	26 38	4 57	15 41	0s 4	8 20	0 50	6 44	0 12	24 0	1 3	19 13	1 4	17 57	0 11	19 17	0 47	15 20	16 26	1 15	0 52	25 0		n.a.
S 10	6 57	28 31	5 13	15 48	0 18	8 50	0 54	7 1	0 12	24 0	1 3	19 14	1 4	17 57	0 11	19 17	0 47	15 19	16 26	1 15	0 53	24 58		n.a.
M11	6 34	29 1	5 15	15 53	0 30	9 20	0 57	7 17	0 13	24 0	1 3	19 15	1 4	17 57	0 11	19 16	0 47	15 19	16 26	1 15	0 54	24 57		n.a.
T 12	6 11	28 9	5 4	15 56	0 43	9 50	1 1	7 33	0 14	24 0	1 2	19 16	1 4	17 56	0 11	19 16	0 47	15 18	16 26	1 16	0 56	24 55		n.a.
W13	5 48	26 1	4 39	15 58	0 54	10 20	1 4	7 50	0 14	24 0	1 2	19 17	1 4	17 56	0 11	19 15	0 47	15 17	16 26	1 17	0 57	24 53		n.a.
T 14	5 25	22 46	4 3	15 57	1 5	10 49	1 8	8 6	0 15	24 0	1 2	19 18	1 3	17 56	0 11	19 15	0 47	15 17	16 26	1 17	0 58	24 51		n.a.
F 15	5 2	18 33	3 16	15 54	1 16	11 18	1 11	8 22	0 16	24 0	1 2	19 19	1 3	17 56	0 11	19 14	0 48	15 16	16 26	1 18	0 59	24 49		n.a.
S 16	4 39	13 34	2 20	15 49	1 26	11 47	1 15	8 38	0 16	24 0	1 2	19 20	1 3	17 56	0 11	19 14	0 48	15 16	16 25	1 18	1 1	24 47		n.a.
S 17	4 16	8 2	1 17	15 43	1 35	12 16	1 18	8 54	0 17	24 0	1 2	19 21	1 3	17 56	0 11	19 13	0 48	15 15	16 25	1 18	1 2	24 45		n.a.
M18	3 53	2 7	0 9	15 34	1 44	12 44	1 22	9 9	0 17	24 0	1 2	19 22	1 3	17 55	0 11	19 13	0 48	15 14	16 25	1 19	1 3	24 43		n.a.
T 19	3 29	3n58	1n 0	15 24	1 52	13 12	1 25	9 25	0 18	24 0	1 2	19 23	1 2	17 55	0 11	19 13	0 48	15 14	16 25	1 19	1 5	24 41		n.a.
W20	3 6	10 0	2 7	15 12	1 59	13 40	1 28	9 41	0 19	24 0	1 2	19 25	1 2	17 55	0 11	19 12	0 48	15 13	16 25	1 18	1 6	24 39		n.a.
T 21	2 43	15 44	3 9	14 58	2 6	14 7	1 32	9 57	0 19	23 59	1 2	19 26	1 2	17 55	0 11	19 12	0 48	15 12	16 25	1 18	1 7	24 37		n.a.
F 22	2 19	20 50	4 2	14 42	2 12	14 34	1 35	10 12	0 20	23 59	1 2	19 27	1 2	17 54	0 11	19 11	0 48	15 12	16 25	1 18	1 8	24 35		n.a.
S 23	1 56	25 0	4 43	14 25	2 18	15 1	1 38	10 27	0 20	23 59	1 2	19 28	1 2	17 54	0 11	19 11	0 48	15 11	16 25	1 18	1 10	24 33		n.a.
S 24	1 33	27 51	5 9	14 5	2 22	15 27	1 42	10 43	0 21	23 59	1 1	19 29	1 2	17 54	0 11	19 10	0 48	15 11	16 25	1 18	1 11	24 31		n.a.
M25	1 9	29 2	5 17	13 44	2 27	15 53	1 45	10 58	0 21	23 59	1 1	19 30	1 1	17 54	0 11	19 10	0 48	15 10	16 25	1 18	1 12	24 29		n.a.
T 26	0 46	28 21	5 7	13 22	2 30	16 19	1 48	11 13	0 22	23 58	1 1	19 32	1 1	17 53	0 11	19 10	0 48	15 10	16 25	1 18	1 14	24 27		n.a.
W27	0 22	25 46	4 37	12 57	2 34	16 44	1 51	11 28	0 23	23 58	1 1	19 33	1 1	17 53	0 11	19 9	0 48	15 9	16 25	1 18	1 15	24 25		n.a.
T 28	0n 1	21 31	3 49	12 31	2 36	17 9	1 54	11 43	0 23	23 58	1 1	19 34	1 1	17 53	0 11	19 9	0 48	15 8	16 25	1 18	1 16	24 23		n.a.
F 29	0 24	15 56	2 47	12 3	2 38	17 33	1 57	11 58	0 24	23 58	1 1	19 35	1 1	17 52	0 11	19 8	0 48	15 8	16 25	1 18	1 17	24 21		n.a.
S 30	0 48	9 28	1 33	11 34	2 39	17 57	2 0	12 13	0 24	23 57	1 1	19 37	1 0	17 52	0 11	19 8	0 48	15 7	16 25	1 18	1 19	24 19		n.a.
S 31	1n11	2n33	0n14	11s 3	2s40	18n20	2n 3	12n28	0n25	23n57	1n 1	19n38	1s 0	17s51	0n11	19s 8	0s48	15s 7	16s25	1s17	1s20	24s17		n.a.

Julian Day Number = 1495392.5, Delta T = 05h11m16s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'13, Lahiri = -12°30'12 Julian Calendar 1 March 619 BCE == Greg. Calendar 22 Feb. 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

APRIL 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 8 59	3♈54'32	8♎29	9♓42	15♉31	1♉55	14♋49	0♊57	20°R 9	8♒39	29♓43	26°R48	26♓39	1♒22	n.a.	M 1
T 2	12 12 56	4°52'27	22°28	11°10	16°38	2°35	14°51	1° 2	20♏ 7	8°40	29°44	26♓47	26°35	1°28	n.a.	T 2
W 3	12 16 52	5°50'20	6♏ 7	12°40	17°46	3°15	14°54	1° 8	20° 6	8°42	29°45	26°46	26°32	1°35	n.a.	W 3
T 4	12 20 49	6°48'12	19°24	14°12	18°53	3°55	14°57	1°14	20° 4	8°43	29°47	26°45	26°29	1°42	n.a.	T 4
F 5	12 24 45	7°46'02	2♐19	15°46	19°59	4°35	15° 0	1°19	20° 3	8°45	29°48	26°44	26°26	1°48	n.a.	F 5
S 6	12 28 42	8°43'51	14°53	17°22	21° 6	5°14	15° 3	1°25	20° 1	8°46	29°50	26°42	26°23	1°55	n.a.	S 6
S 7	12 32 38	9°41'38	27°11	19° 0	22°13	5°54	15° 7	1°31	20° 0	8°47	29°51	26°41	26°19	2° 2	n.a.	S 7
M 8	12 36 35	10°39'25	9♑15	20°40	23°19	6°34	15°10	1°37	19°58	8°49	29°52	26°D41	26°16	2° 9	n.a.	M 8
T 9	12 40 31	11°37'10	21°10	22°22	24°25	7°14	15°14	1°43	19°56	8°50	29°54	26°41	26°13	2°15	n.a.	T 9
W10	12 44 28	12°34'54	3♒ 2	24° 6	25°31	7°53	15°18	1°48	19°54	8°51	29°55	26°42	26°10	2°22	n.a.	W10
T 11	12 48 25	13°32'36	14°54	25°52	26°37	8°33	15°22	1°55	19°53	8°52	29°56	26°43	26° 7	2°29	n.a.	T 11
F 12	12 52 21	14°30'17	26°51	27°40	27°42	9°13	15°27	2° 1	19°51	8°54	29°58	26°45	26° 4	2°35	n.a.	F 12
S 13	12 56 18	15°27'57	8♓57	29°30	28°48	9°52	15°31	2° 7	19°49	8°55	29°59	26°46	26° 0	2°42	n.a.	S 13
S 14	13 0 14	16°25'36	21°15	1♈22	29°53	10°32	15°36	2°13	19°47	8°56	0♈ 0	26°R47	25°57	2°49	n.a.	S 14
M15	13 4 11	17°23'13	3♈47	3°16	0♊58	11°11	15°40	2°19	19°45	8°57	0° 2	26°47	25°54	2°55	n.a.	M15
T 16	13 8 7	18°20'49	16°36	5°12	2° 2	11°51	15°45	2°26	19°43	8°58	0° 3	26°46	25°51	3° 2	n.a.	T 16
W17	13 12 4	19°18'24	29°40	7°10	3° 7	12°30	15°50	2°32	19°41	8°59	0° 4	26°44	25°48	3° 9	n.a.	W17
T 18	13 16 0	20°15'57	13♉ 1	9°10	4°11	13°10	15°56	2°38	19°39	9° 0	0° 6	26°41	25°44	3°15	n.a.	T 18
F 19	13 19 57	21°13'29	26°35	11°11	5°15	13°49	16° 1	2°45	19°37	9° 1	0° 7	26°37	25°41	3°22	n.a.	F 19
S 20	13 23 54	22°11'00	10♊23	13°14	6°19	14°29	16° 7	2°52	19°35	9° 2	0° 8	26°34	25°38	3°29	n.a.	S 20
S 21	13 27 50	23° 8'29	24°20	15°19	7°22	15° 8	16°12	2°58	19°33	9° 3	0°10	26°31	25°35	3°36	n.a.	S 21
M22	13 31 47	24° 5'57	8♋24	17°26	8°26	15°48	16°18	3° 5	19°31	9° 4	0°11	26°29	25°32	3°42	n.a.	M22
T 23	13 35 43	25° 3'24	22°34	19°34	9°29	16°27	16°24	3°12	19°29	9° 5	0°12	26°D28	25°29	3°49	n.a.	T 23
W24	13 39 40	26° 0'49	6♌46	21°43	10°31	17° 6	16°30	3°18	19°27	9° 6	0°13	26°28	25°25	3°56	n.a.	W24
T 25	13 43 36	26°58'12	21° 0	23°53	11°34	17°46	16°36	3°25	19°24	9° 6	0°15	26°29	25°22	4° 2	n.a.	T 25
F 26	13 47 33	27°55'34	5♍12	26° 4	12°36	18°25	16°43	3°32	19°22	9° 7	0°16	26°31	25°19	4° 9	n.a.	F 26
S 27	13 51 29	28°52'55	19°21	28°15	13°38	19° 4	16°49	3°39	19°20	9° 8	0°17	26°R32	25°16	4°16	n.a.	S 27
S 28	13 55 26	29°50'14	3♎22	0♉27	14°39	19°43	16°56	3°46	19°18	9° 9	0°18	26°32	25°13	4°22	n.a.	S 28
M29	13 59 23	0♉47'32	17°15	2°39	15°40	20°23	17° 3	3°53	19°15	9° 9	0°20	26°30	25°10	4°29	n.a.	M29
T 30	14 3 19	1♉44'50	0♏55	4♉50	16♊41	21♉ 2	17♋10	4♊ 0	19♏13	9♒10	0♈21	26♓27	25♓ 6	4♒36	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n34	4s23	1s 4	10s30	2s40	18n43	2n 6	12n42	0n25	23n57	1n 1	19n39	1s 0	17s51	0n11	19s 7	0s48	15s 6	16s25	1s18	1s21	24s15		n.a.
T 2	1 58	10 59	2 18	9 56	2 40	19 6	2 9	12 57	0 26	23 56	1 1	19 41	1 0	17 51	0 11	19 7	0 48	15 6	16 25	1 18	1 22	24 13		n.a.
W 3	2 21	16 54	3 21	9 20	2 38	19 28	2 12	13 11	0 26	23 56	1 1	19 42	1 0	17 50	0 11	19 7	0 48	15 5	16 25	1 18	1 24	24 11		n.a.
T 4	2 44	21 51	4 12	8 42	2 37	19 50	2 15	13 25	0 27	23 55	1 0	19 43	1 0	17 50	0 11	19 6	0 48	15 5	16 25	1 19	1 25	24 9		n.a.
F 5	3 7	25 37	4 48	8 3	2 35	20 11	2 17	13 39	0 28	23 55	1 0	19 45	0 59	17 49	0 11	19 6	0 48	15 4	16 25	1 19	1 26	24 7		n.a.
S 6	3 30	28 2	5 10	7 23	2 32	20 32	2 20	13 53	0 28	23 54	1 0	19 46	0 59	17 49	0 11	19 6	0 48	15 4	16 25	1 20	1 28	24 5		n.a.
S 7	3 54	29 1	5 16	6 41	2 28	20 52	2 23	14 7	0 29	23 54	1 0	19 47	0 59	17 49	0 11	19 5	0 48	15 3	16 25	1 20	1 29	24 3		n.a.
M 8	4 16	28 35	5 9	5 58	2 25	21 12	2 25	14 21	0 29	23 53	1 0	19 49	0 59	17 48	0 11	19 5	0 48	15 3	16 25	1 20	1 30	24 1		n.a.
T 9	4 39	26 49	4 48	5 13	2 20	21 31	2 28	14 35	0 30	23 53	1 0	19 50	0 59	17 48	0 11	19 5	0 48	15 2	16 25	1 20	1 31	23 59		n.a.
W10	5 2	23 53	4 15	4 26	2 15	21 50	2 30	14 48	0 30	23 52	1 0	19 51	0 59	17 47	0 11	19 4	0 48	15 2	16 25	1 20	1 33	23 57		n.a.
T 11	5 25	19 57	3 31	3 39	2 10	22 8	2 32	15 2	0 31	23 52	1 0	19 53	0 58	17 47	0 11	19 4	0 48	15 1	16 25	1 19	1 34	23 55		n.a.
F 12	5 48	15 12	2 38	2 49	2 3	22 26	2 34	15 15	0 31	23 51	1 0	19 54	0 58	17 46	0 11	19 4	0 48	15 1	16 25	1 19	1 35	23 53		n.a.
S 13	6 10	9 49	1 37	1 59	1 57	22 43	2 36	15 29	0 32	23 51	1 0	19 55	0 58	17 46	0 11	19 3	0 48	15 0	16 25	1 18	1 37	23 51		n.a.
S 14	6 33	3 59	0 31	1 7	1 50	22 59	2 39	15 42	0 32	23 50	1 0	19 57	0 58	17 45	0 11	19 3	0 48	15 0	16 25	1 18	1 38	23 49		n.a.
M15	6 55	2n 7	0n39	0 15	1 42	23 15	2 40	15 55	0 33	23 49	1 0	19 58	0 58	17 45	0 11	19 3	0 49	14 59	16 25	1 18	1 39	23 46		n.a.
T 16	7 17	8 15	1 47	0n39	1 34	23 30	2 42	16 8	0 33	23 49	0 59	20 0	0 58	17 44	0 11	19 3	0 49	14 59	16 26	1 18	1 40	23 44		n.a.
W17	7 40	14 10	2 51	1 34	1 26	23 45	2 44	16 20	0 34	23 48	0 59	20 1	0 57	17 44	0 11	19 2	0 49	14 58	16 26	1 19	1 42	23 42		n.a.
T 18	8 2	19 34	3 47	2 30	1 17	23 59	2 46	16 33	0 34	23 47	0 59	20 3	0 57	17 43	0 11	19 2	0 49	14 58	16 26	1 20	1 43	23 40		n.a.
F 19	8 23	24 4	4 32	3 27	1 7	24 13	2 47	16 45	0 35	23 47	0 59	20 4	0 57	17 43	0 11	19 2	0 49	14 57	16 26	1 22	1 44	23 38		n.a.
S 20	8 45	27 16	5 1	4 25	0 58	24 26	2 49	16 58	0 35	23 46	0 59	20 5	0 57	17 42	0 11	19 2	0 49	14 57	16 26	1 23	1 45	23 36		n.a.
S 21	9 7	28 52	5 13	5 23	0 48	24 38	2 50	17 10	0 36	23 45	0 59	20 7	0 57	17 41	0 11	19 2	0 49	14 57	16 26	1 24	1 47	23 34		n.a.
M22	9 28	28 36	5 7	6 21	0 38	24 50	2 51	17 22	0 36	23 44	0 59	20 8	0 57	17 41	0 11	19 1	0 49	14 56	16 26	1 25	1 48	23 31		n.a.
T 23	9 50	26 29	4 42	7 20	0 27	25 1	2 52	17 34	0 37	23 43	0 59	20 10	0 57	17 40	0 11	19 1	0 49	14 56	16 26	1 26	1 49	23 29		n.a.
W24	10 11	22 41	3 59	8 19	0 17	25 12	2 53	17 46	0 37	23 43	0 59	20 11	0 56	17 40	0 11	19 1	0 49	14 55	16 26	1 25	1 51	23 27		n.a.
T 25	10 32	17 34	3 2	9 18	0 6	25 22	2 54	17 58	0 37	23 42	0 59	20 13	0 56	17 39	0 11	19 1	0 49	14 55	16 27	1 25	1 52	23 25		n.a.
F 26	10 53	11 30	1 54	10 16	0n 4	25 31	2 55	18 9	0 38	23 41	0 59	20 14	0 56	17 38	0 11	19 1	0 49	14 55	16 27	1 24	1 53	23 23		n.a.
S 27	11 14	4 53	0 39	11 14	0 15	25 40	2 56	18 21	0 38	23 40	0 59	20 16	0 56	17 38	0 11	19 0	0 49	14 54	16 27	1 24	1 54	23 21		n.a.
S 28	11 34	1s56	0s37	12 11	0 25	25 48	2 56	18 32	0 39	23 39	0 58	20 17	0 56	17 37	0 11	19 0	0 49	14 54	16 27	1 24	1 56	23 18		n.a.
M29	11 55	8 34	1 51	13 7	0 36	25 55	2 57	18 43	0 39	23 38	0 58	20 18	0 56	17 37	0 11	19 0	0 49	14 54	16 27	1 25	1 57	23 16		n.a.
T 30	12n15	14s42	2s56	14n 1	0n45	26n 2	2n57	18n54	0n40	23n37	0n58	20n20	0s56	17s36	0n11	19s 0	0s49	14s53	16s27	1s26	1s58	23s14		n.a.

Julian Day Number = 1495423.5, Delta T = 05h11m14s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'08, Lahiri = -12°30'08 Julian Calendar 1 Apr. 619 BCE == Greg. Calendar 25 March 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

MAY 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 7 16	2♉42'06	14♏19	7♉ 1	17♊42	21♉41	17♋17	4♊ 7	19°R11	9♒11	0♈22	26°R22	25♓ 3	4♒42	n.a.	W 1
T 2	14 11 12	3°39'22	27°27	9°11	18°42	22°20	17°24	4°14	19♏ 8	9°11	0°23	26♓16	25° 0	4°49	n.a.	T 2
F 3	14 15 9	4°36'37	10♐17	11°20	19°42	22°59	17°31	4°21	19° 6	9°12	0°24	26°10	24°57	4°56	n.a.	F 3
S 4	14 19 5	5°33'51	22°49	13°28	20°41	23°38	17°39	4°28	19° 4	9°12	0°25	26° 4	24°54	5° 3	n.a.	S 4
S 5	14 23 2	6°31'05	5♑ 6	15°34	21°40	24°17	17°46	4°35	19° 1	9°13	0°27	25°59	24°50	5° 9	n.a.	S 5
M 6	14 26 58	7°28'18	17°11	17°38	22°39	24°56	17°54	4°43	18°59	9°13	0°28	25°55	24°47	5°16	n.a.	M 6
T 7	14 30 55	8°25'31	29° 6	19°41	23°37	25°35	18° 2	4°50	18°57	9°14	0°29	25°53	24°44	5°23	n.a.	T 7
W 8	14 34 52	9°22'43	10♒58	21°42	24°35	26°14	18°10	4°57	18°54	9°14	0°30	25°D52	24°41	5°29	n.a.	W 8
T 9	14 38 48	10°19'55	22°50	23°41	25°32	26°53	18°18	5° 5	18°52	9°14	0°31	25°53	24°38	5°36	n.a.	T 9
F 10	14 42 45	11°17'06	4♓48	25°37	26°29	27°32	18°26	5°12	18°49	9°15	0°32	25°54	24°35	5°43	n.a.	F 10
S 11	14 46 41	12°14'17	16°57	27°32	27°26	28°11	18°35	5°19	18°47	9°15	0°33	25°56	24°31	5°49	n.a.	S 11
S 12	14 50 38	13°11'28	29°20	29°24	28°22	28°50	18°43	5°27	18°45	9°15	0°34	25°R56	24°28	5°56	n.a.	S 12
M13	14 54 34	14° 8'38	12♈ 3	1♊14	29°17	29°29	18°52	5°34	18°42	9°15	0°35	25°55	24°25	6° 3	n.a.	M13
T 14	14 58 31	15° 5'48	25° 6	3° 1	0♋12	0♊ 8	19° 0	5°42	18°40	9°16	0°36	25°51	24°22	6° 9	n.a.	T 14
W15	15 2 27	16° 2'58	8♉30	4°46	1° 7	0°47	19° 9	5°49	18°37	9°16	0°38	25°46	24°19	6°16	n.a.	W15
T 16	15 6 24	17° 0'07	22°15	6°29	2° 1	1°26	19°18	5°57	18°35	9°16	0°39	25°39	24°16	6°23	n.a.	T 16
F 17	15 10 21	17°57'16	6♊17	8° 9	2°54	2° 4	19°27	6° 5	18°32	9°16	0°40	25°30	24°12	6°30	n.a.	F 17
S 18	15 14 17	18°54'25	20°31	9°47	3°47	2°43	19°36	6°12	18°30	9°16	0°41	25°22	24° 9	6°36	n.a.	S 18
S 19	15 18 14	19°51'33	4♋52	11°23	4°39	3°22	19°45	6°20	18°27	9°16	0°41	25°15	24° 6	6°43	n.a.	S 19
M20	15 22 10	20°48'40	19°14	12°56	5°31	4° 1	19°54	6°27	18°25	9°R16	0°42	25° 9	24° 3	6°50	n.a.	M20
T 21	15 26 7	21°45'47	3♌34	14°27	6°22	4°40	20° 4	6°35	18°22	9°16	0°43	25° 6	24° 0	6°56	n.a.	T 21
W22	15 30 3	22°42'54	17°48	15°55	7°12	5°18	20°13	6°43	18°20	9°16	0°44	25°D 4	23°56	7° 3	n.a.	W22
T 23	15 34 0	23°39'59	1♍54	17°20	8° 2	5°57	20°23	6°50	18°18	9°16	0°45	25° 5	23°53	7°10	n.a.	T 23
F 24	15 37 57	24°37'05	15°51	18°44	8°51	6°36	20°32	6°58	18°15	9°16	0°46	25° 5	23°50	7°16	n.a.	F 24
S 25	15 41 53	25°34'10	29°39	20° 4	9°39	7°14	20°42	7° 6	18°13	9°16	0°47	25°R 5	23°47	7°23	n.a.	S 25
S 26	15 45 50	26°31'14	13♎17	21°22	10°27	7°53	20°52	7°14	18°10	9°15	0°48	25° 4	23°44	7°30	n.a.	S 26
M27	15 49 46	27°28'18	26°44	22°37	11°13	8°32	21° 2	7°21	18° 8	9°15	0°49	25° 0	23°41	7°36	n.a.	M27
T 28	15 53 43	28°25'22	10♏ 1	23°50	11°59	9°10	21°12	7°29	18° 5	9°15	0°50	24°54	23°37	7°43	n.a.	T 28
W29	15 57 39	29°22'26	23° 5	25° 0	12°44	9°49	21°22	7°37	18° 3	9°15	0°50	24°45	23°34	7°50	n.a.	W29
T 30	16 1 36	0♊19'31	5♐57	26° 6	13°28	10°28	21°32	7°45	18° 1	9°14	0°51	24°35	23°31	7°56	n.a.	T 30
F 31	16 5 32	1♊16'35	18♐35	27♊10	14♋11	11♊ 6	21♋43	7♊52	17♏58	9♒14	0♈52	24♓23	23♓28	8♒ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	12n35	20s 1	3s51	14n54	0n55	26n 8	2n57	19n 5	0n40	23n36	0n58	20n21	0s55	17s35	0n11	19s 0	0s49	14s53	16s27	1s28	2s 0	23s12			n.a.
T 2	12 55	24 16	4 32	15 46	1 4	26 14	2 57	19 16	0 41	23 35	0 58	20 23	0 55	17 35	0 11	19 0	0 49	14 53	16 28	1 30	2 1	23 10			n.a.
F 3	13 14	27 13	4 58	16 35	1 13	26 19	2 57	19 26	0 41	23 34	0 58	20 24	0 55	17 34	0 11	19 0	0 49	14 52	16 28	1 33	2 2	23 7			n.a.
S 4	13 34	28 43	5 9	17 23	1 21	26 23	2 57	19 37	0 41	23 33	0 58	20 26	0 55	17 33	0 11	19 0	0 49	14 52	16 28	1 35	2 3	23 5			n.a.
S 5	13 53	28 46	5 6	18 8	1 29	26 26	2 56	19 47	0 42	23 32	0 58	20 27	0 55	17 33	0 11	18 59	0 49	14 52	16 28	1 37	2 5	23 3			n.a.
M 6	14 12	27 26	4 49	18 51	1 36	26 30	2 56	19 57	0 42	23 31	0 58	20 29	0 55	17 32	0 11	18 59	0 49	14 51	16 28	1 39	2 6	23 1			n.a.
T 7	14 31	24 51	4 20	19 32	1 42	26 32	2 55	20 7	0 43	23 30	0 58	20 30	0 55	17 31	0 11	18 59	0 49	14 51	16 29	1 40	2 7	22 58			n.a.
W 8	14 49	21 14	3 39	20 10	1 48	26 34	2 54	20 17	0 43	23 28	0 58	20 32	0 55	17 31	0 11	18 59	0 49	14 51	16 29	1 40	2 8	22 56			n.a.
T 9	15 7	16 45	2 49	20 46	1 53	26 35	2 53	20 26	0 44	23 27	0 58	20 33	0 54	17 30	0 11	18 59	0 49	14 50	16 29	1 40	2 10	22 54			n.a.
F 10	15 25	11 37	1 52	21 19	1 57	26 36	2 52	20 36	0 44	23 26	0 58	20 34	0 54	17 29	0 11	18 59	0 49	14 50	16 29	1 39	2 11	22 52			n.a.
S 11	15 43	5 58	0 48	21 50	2 1	26 36	2 51	20 45	0 44	23 25	0 58	20 36	0 54	17 29	0 11	18 59	0 50	14 50	16 29	1 38	2 12	22 49			n.a.
S 12	16 1	0n 1	0n18	22 19	2 4	26 35	2 49	20 54	0 45	23 24	0 57	20 37	0 54	17 28	0 11	18 59	0 50	14 50	16 30	1 38	2 14	22 47			n.a.
M13	16 18	6 8	1 26	22 44	2 6	26 34	2 48	21 3	0 45	23 22	0 57	20 39	0 54	17 27	0 11	18 59	0 50	14 49	16 30	1 39	2 15	22 45			n.a.
T 14	16 35	12 10	2 30	23 8	2 7	26 32	2 46	21 12	0 46	23 21	0 57	20 40	0 54	17 27	0 11	18 59	0 50	14 49	16 30	1 40	2 16	22 42			n.a.
W15	16 52	17 49	3 28	23 29	2 8	26 30	2 44	21 21	0 46	23 20	0 57	20 42	0 54	17 26	0 11	18 59	0 50	14 49	16 30	1 42	2 17	22 40			n.a.
T 16	17 9	22 42	4 16	23 48	2 8	26 27	2 41	21 29	0 46	23 18	0 57	20 43	0 54	17 25	0 11	18 59	0 50	14 49	16 30	1 45	2 19	22 38			n.a.
F 17	17 25	26 24	4 49	24 4	2 7	26 23	2 39	21 38	0 47	23 17	0 57	20 45	0 53	17 25	0 11	18 59	0 50	14 49	16 31	1 49	2 20	22 36			n.a.
S 18	17 41	28 29	5 5	24 18	2 6	26 19	2 36	21 46	0 47	23 16	0 57	20 46	0 53	17 24	0 11	18 59	0 50	14 48	16 31	1 52	2 21	22 33			n.a.
S 19	17 57	28 42	5 1	24 30	2 4	26 15	2 34	21 54	0 48	23 14	0 57	20 47	0 53	17 23	0 11	18 59	0 50	14 48	16 31	1 55	2 22	22 31			n.a.
M20	18 12	26 59	4 39	24 40	2 1	26 10	2 31	22 2	0 48	23 13	0 57	20 49	0 53	17 23	0 11	18 59	0 50	14 48	16 31	1 57	2 24	22 29			n.a.
T 21	18 28	23 30	4 0	24 48	1 58	26 4	2 27	22 9	0 48	23 11	0 57	20 50	0 53	17 22	0 11	18 59	0 50	14 48	16 32	1 58	2 25	22 26			n.a.
W22	18 42	18 39	3 6	24 54	1 54	25 58	2 24	22 17	0 49	23 10	0 57	20 52	0 53	17 21	0 11	18 59	0 50	14 48	16 32	1 59	2 26	22 24			n.a.
T 23	18 57	12 49	2 1	24 59	1 49	25 52	2 20	22 24	0 49	23 8	0 57	20 53	0 53	17 21	0 11	18 59	0 50	14 48	16 32	1 59	2 28	22 22			n.a.
F 24	19 11	6 24	0 49	25 1	1 44	25 45	2 17	22 31	0 49	23 7	0 57	20 55	0 53	17 20	0 11	18 59	0 50	14 48	16 32	1 59	2 29	22 19			n.a.
S 25	19 25	0s14	0s24	25 2	1 38	25 37	2 12	22 38	0 50	23 5	0 57	20 56	0 53	17 19	0 11	18 59	0 50	14 47	16 33	1 59	2 30	22 17			n.a.
S 26	19 39	6 46	1 35	25 1	1 32	25 29	2 8	22 45	0 50	23 4	0 57	20 57	0 53	17 19	0 11	18 59	0 50	14 47	16 33	1 59	2 31	22 15			n.a.
M27	19 52	12 56	2 40	24 58	1 25	25 21	2 4	22 52	0 51	23 2	0 57	20 59	0 52	17 18	0 11	19 0	0 50	14 47	16 33	2 1	2 33	22 12			n.a.
T 28	20 5	18 25	3 35	24 55	1 17	25 12	1 59	22 58	0 51	23 0	0 57	21 0	0 52	17 17	0 11	19 0	0 50	14 47	16 33	2 3	2 34	22 10			n.a.
W29	20 18	22 57	4 18	24 49	1 9	25 3	1 54	23 5	0 51	22 59	0 57	21 2	0 52	17 17	0 11	19 0	0 50	14 47	16 34	2 7	2 35	22 7			n.a.
T 30	20 30	26 18	4 47	24 43	1 0	24 53	1 49	23 11	0 52	22 57	0 57	21 3	0 52	17 16	0 10	19 0	0 50	14 47	16 34	2 11	2 37	22 5			n.a.
F 31	20n42	28s16	5s 1	24n35	0n51	24n43	1n43	23n17	0n52	22n55	0n56	21n 4	0s52	17s15	0n10	19s 0	0s50	14s47	16s34	2s15	2s38	22s 3			n.a.

Julian Day Number = 1495453.5, Delta T = 05h11m13s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'04, Lahiri = -12°30'04 Julian Calendar 1 May 619 BCE == Greg. Calendar 24 Apr. 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

JUNE 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 9 29	2♊13'39	1♉ 0	28♊11	14♋53	11♊45	21♋53	8♊ 0	17°R56	9°R14	0♈53	24°R12	23♓25	8♒10	n.a.	S 1
S 2	16 13 26	3°10'44	13°11	29° 9	15°34	12°23	22° 4	8° 8	17♏54	9♒13	0°53	24♓ 2	23°22	8°17	n.a.	S 2
M 3	16 17 22	4° 7'49	25°13	0♋ 4	16°14	13° 2	22°14	8°16	17°51	9°13	0°54	23°54	23°18	8°23	n.a.	M 3
T 4	16 21 19	5° 4'55	7♒ 6	0°55	16°53	13°40	22°25	8°24	17°49	9°12	0°55	23°48	23°15	8°30	n.a.	T 4
W 5	16 25 15	6° 2'00	18°56	1°43	17°30	14°19	22°35	8°31	17°47	9°12	0°56	23°45	23°12	8°37	n.a.	W 5
T 6	16 29 12	6°59'07	0♓47	2°28	18° 7	14°57	22°46	8°39	17°44	9°11	0°56	23°43	23° 9	8°43	n.a.	T 6
F 7	16 33 8	7°56'14	12°44	3° 8	18°42	15°36	22°57	8°47	17°42	9°11	0°57	23°D43	23° 6	8°50	n.a.	F 7
S 8	16 37 5	8°53'21	24°53	3°45	19°16	16°14	23° 8	8°55	17°40	9°10	0°57	23°R44	23° 2	8°57	n.a.	S 8
S 9	16 41 2	9°50'29	7♈18	4°18	19°49	16°53	23°19	9° 3	17°38	9° 9	0°58	23°43	22°59	9° 3	n.a.	S 9
M10	16 44 58	10°47'38	20° 4	4°47	20°21	17°31	23°30	9°11	17°36	9° 9	0°59	23°40	22°56	9°10	n.a.	M10
T 11	16 48 55	11°44'48	3♉15	5°11	20°51	18°10	23°41	9°18	17°33	9° 8	0°59	23°36	22°53	9°17	n.a.	T 11
W12	16 52 51	12°41'58	16°52	5°31	21°19	18°48	23°52	9°26	17°31	9° 7	1° 0	23°28	22°50	9°23	n.a.	W12
T 13	16 56 48	13°39'09	0♊54	5°47	21°46	19°27	24° 4	9°34	17°29	9° 7	1° 0	23°19	22°47	9°30	n.a.	T 13
F 14	17 0 44	14°36'21	15°18	5°57	22°12	20° 5	24°15	9°42	17°27	9° 6	1° 1	23° 8	22°43	9°37	n.a.	F 14
S 15	17 4 41	15°33'33	29°57	6° 4	22°36	20°44	24°27	9°50	17°25	9° 5	1° 1	22°57	22°40	9°43	n.a.	S 15
S 16	17 8 37	16°30'46	14♋43	6°R 5	22°58	21°22	24°38	9°58	17°23	9° 4	1° 2	22°47	22°37	9°50	n.a.	S 16
M17	17 12 34	17°27'59	29°29	6° 1	23°18	22° 0	24°50	10° 5	17°21	9° 3	1° 2	22°39	22°34	9°57	n.a.	M17
T 18	17 16 31	18°25'12	14♌ 7	5°52	23°37	22°39	25° 1	10°13	17°19	9° 3	1° 3	22°33	22°31	10° 3	n.a.	T 18
W19	17 20 27	19°22'26	28°32	5°39	23°54	23°17	25°13	10°21	17°17	9° 2	1° 3	22°31	22°28	10°10	n.a.	W19
T 20	17 24 24	20°19'41	12♍41	5°21	24° 9	23°55	25°25	10°29	17°15	9° 1	1° 4	22°30	22°24	10°17	n.a.	T 20
F 21	17 28 20	21°16'56	26°34	4°58	24°21	24°34	25°36	10°36	17°13	9° 0	1° 4	22°30	22°21	10°24	n.a.	F 21
S 22	17 32 17	22°14'11	10♎11	4°30	24°32	25°12	25°48	10°44	17°11	8°59	1° 4	22°29	22°18	10°30	n.a.	S 22
S 23	17 36 13	23°11'27	23°33	3°59	24°41	25°50	26° 0	10°52	17° 9	8°58	1° 5	22°27	22°15	10°37	n.a.	S 23
M24	17 40 10	24° 8'44	6♏41	3°23	24°47	26°29	26°12	11° 0	17° 8	8°57	1° 5	22°22	22°12	10°44	n.a.	M24
T 25	17 44 6	25° 6'01	19°38	2°45	24°52	27° 7	26°24	11° 7	17° 6	8°56	1° 5	22°15	22° 8	10°50	n.a.	T 25
W26	17 48 3	26° 3'19	2♐22	2° 4	24°R54	27°45	26°36	11°15	17° 4	8°55	1° 5	22° 5	22° 5	10°57	n.a.	W26
T 27	17 52 0	27° 0'38	14°56	1°20	24°53	28°24	26°48	11°23	17° 2	8°53	1° 6	21°53	22° 2	11° 4	n.a.	T 27
F 28	17 55 56	27°57'58	27°20	0°36	24°51	29° 2	27° 0	11°30	17° 1	8°52	1° 6	21°39	21°59	11°10	n.a.	F 28
S 29	17 59 53	28°55'19	9♑33	29♊50	24°46	29°40	27°12	11°38	16°59	8°51	1° 6	21°26	21°56	11°17	n.a.	S 29
S 30	18 3 49	29♊52'41	21♑37	29♊ 5	24♋38	0♋19	27♋25	11♊45	16♏58	8♒50	1♈ 6	21♓14	21♓53	11♒24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n54	28s46	5s 0	24n26	0n41	24n33	1n37	23n22	0n52	22n54	0n56	21n 6	0s52	17s15	0n10	19s 0	0s50	14s47	16s35	2s20	2s39	22s 0		n.a.
S 2	21 5	27 51	4 46	24 16	0 30	24 22	1 31	23 28	0 53	22 52	0 56	21 7	0 52	17 14	0 10	19 0	0 50	14 47	16 35	2 24	2 40	21 58		n.a.
M 3	21 16	25 38	4 19	24 6	0 19	24 11	1 25	23 33	0 53	22 50	0 56	21 8	0 52	17 13	0 10	19 1	0 50	14 47	16 35	2 27	2 42	21 56		n.a.
T 4	21 27	22 18	3 41	23 54	0 8	23 59	1 19	23 38	0 53	22 48	0 56	21 10	0 52	17 13	0 10	19 1	0 50	14 47	16 35	2 30	2 43	21 53		n.a.
W 5	21 37	18 6	2 54	23 42	0s 4	23 48	1 12	23 43	0 54	22 46	0 56	21 11	0 52	17 12	0 10	19 1	0 50	14 47	16 36	2 31	2 44	21 51		n.a.
T 6	21 47	13 11	1 59	23 28	0 16	23 36	1 5	23 48	0 54	22 45	0 56	21 12	0 52	17 12	0 10	19 1	0 51	14 47	16 36	2 32	2 45	21 48		n.a.
F 7	21 56	7 46	0 58	23 15	0 29	23 24	0 58	23 53	0 54	22 43	0 56	21 14	0 51	17 11	0 10	19 1	0 51	14 47	16 36	2 32	2 47	21 46		n.a.
S 8	22 5	1 58	0n 6	23 1	0 42	23 11	0 50	23 57	0 55	22 41	0 56	21 15	0 51	17 10	0 10	19 1	0 51	14 47	16 37	2 32	2 48	21 43		n.a.
S 9	22 14	4n 1	1 11	22 46	0 56	22 59	0 42	24 2	0 55	22 39	0 56	21 16	0 51	17 10	0 10	19 2	0 51	14 47	16 37	2 32	2 49	21 41		n.a.
M10	22 22	10 1	2 15	22 31	1 10	22 46	0 34	24 6	0 55	22 37	0 56	21 17	0 51	17 9	0 10	19 2	0 51	14 47	16 37	2 33	2 51	21 39		n.a.
T 11	22 31	15 47	3 13	22 16	1 24	22 33	0 25	24 10	0 56	22 35	0 56	21 19	0 51	17 8	0 10	19 2	0 51	14 47	16 37	2 35	2 52	21 36		n.a.
W12	22 38	20 58	4 2	22 1	1 38	22 20	0 16	24 13	0 56	22 33	0 56	21 20	0 51	17 8	0 10	19 2	0 51	14 47	16 38	2 38	2 53	21 34		n.a.
T 13	22 45	25 9	4 38	21 46	1 53	22 6	0 7	24 17	0 56	22 31	0 56	21 21	0 51	17 7	0 10	19 3	0 51	14 47	16 38	2 41	2 54	21 31		n.a.
F 14	22 52	27 53	4 58	21 31	2 7	21 53	0s 2	24 20	0 57	22 29	0 56	21 23	0 51	17 7	0 10	19 3	0 51	14 47	16 38	2 46	2 56	21 29		n.a.
S 15	22 59	28 45	4 58	21 16	2 22	21 39	0 12	24 23	0 57	22 27	0 56	21 24	0 51	17 6	0 10	19 3	0 51	14 47	16 39	2 50	2 57	21 26		n.a.
S 16	23 5	27 34	4 39	21 2	2 36	21 26	0 22	24 26	0 57	22 25	0 56	21 25	0 51	17 5	0 10	19 3	0 51	14 47	16 39	2 54	2 58	21 24		n.a.
M17	23 10	24 28	4 1	20 48	2 51	21 12	0 32	24 29	0 57	22 23	0 56	21 26	0 51	17 5	0 10	19 4	0 51	14 47	16 39	2 58	2 59	21 21		n.a.
T 18	23 16	19 49	3 8	20 34	3 5	20 58	0 43	24 32	0 58	22 21	0 56	21 27	0 51	17 4	0 10	19 4	0 51	14 48	16 40	3 0	3 1	21 19		n.a.
W19	23 20	14 4	2 3	20 21	3 18	20 45	0 54	24 34	0 58	22 18	0 56	21 29	0 50	17 4	0 10	19 4	0 51	14 48	16 40	3 1	3 2	21 16		n.a.
T 20	23 25	7 41	0 52	20 9	3 31	20 31	1 5	24 36	0 58	22 16	0 56	21 30	0 50	17 3	0 10	19 4	0 51	14 48	16 40	3 1	3 3	21 14		n.a.
F 21	23 29	1 3	0s22	19 57	3 44	20 17	1 17	24 38	0 59	22 14	0 56	21 31	0 50	17 3	0 10	19 5	0 51	14 48	16 41	3 1	3 4	21 11		n.a.
S 22	23 32	5s30	1 32	19 47	3 55	20 4	1 29	24 40	0 59	22 12	0 56	21 32	0 50	17 2	0 10	19 5	0 51	14 48	16 41	3 1	3 6	21 9		n.a.
S 23	23 36	11 41	2 36	19 37	4 6	19 50	1 41	24 42	0 59	22 9	0 56	21 33	0 50	17 2	0 10	19 5	0 51	14 48	16 41	3 2	3 7	21 6		n.a.
M24	23 38	17 15	3 31	19 29	4 15	19 37	1 53	24 43	0 59	22 7	0 56	21 35	0 50	17 1	0 10	19 6	0 51	14 48	16 42	3 4	3 8	21 4		n.a.
T 25	23 41	21 56	4 13	19 21	4 23	19 23	2 6	24 44	1 0	22 5	0 56	21 36	0 50	17 1	0 10	19 6	0 51	14 49	16 42	3 7	3 10	21 1		n.a.
W26	23 43	25 32	4 43	19 15	4 30	19 10	2 19	24 45	1 0	22 2	0 56	21 37	0 50	17 0	0 10	19 6	0 51	14 49	16 42	3 11	3 11	20 59		n.a.
T 27	23 44	27 50	4 58	19 10	4 35	18 57	2 32	24 46	1 0	22 0	0 56	21 38	0 50	17 0	0 10	19 6	0 51	14 49	16 43	3 16	3 12	20 56		n.a.
F 28	23 45	28 43	4 58	19 7	4 39	18 45	2 46	24 47	1 1	21 58	0 56	21 39	0 50	16 59	0 10	19 7	0 51	14 49	16 43	3 21	3 13	20 54		n.a.
S 29	23 46	28 10	4 45	19 5	4 41	18 32	2 59	24 47	1 1	21 55	0 56	21 40	0 50	16 59	0 10	19 7	0 51	14 49	16 43	3 26	3 15	20 51		n.a.
S 30	23n46	26s17	4s20	19n 5	4s41	18n20	3s13	24n47	1n 1	21n53	0n56	21n41	0s50	16s58	0n10	19s 8	0s51	14s50	16s44	3s31	3s16	20s49		n.a.

Julian Day Number = 1495484.5, Delta T = 05h11m11s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°37'00, Lahiri = -12°30'00 Julian Calendar 1 June 619 BCE == Greg. Calendar 25 May 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

JULY 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 7 46	0♋50'04	3♒33	28°R21	24°R29	0♋57	27♋37	11♊53	16°R56	8°R49	1♈ 7	21°R 4	21♓49	11♒30	n.a.	M 1
T 2	18 11 42	1°47'29	15°24	27♊40	24♋16	1°35	27°49	12° 0	16♏55	8♒48	1° 7	20♓57	21°46	11°37	n.a.	T 2
W 3	18 15 39	2°44'54	27°12	27° 0	24° 2	2°13	28° 1	12° 8	16°53	8°46	1° 7	20°53	21°43	11°44	n.a.	W 3
T 4	18 19 36	3°42'21	9♓ 1	26°24	23°45	2°52	28°14	12°15	16°52	8°45	1° 7	20°51	21°40	11°50	n.a.	T 4
F 5	18 23 32	4°39'50	20°57	25°53	23°26	3°30	28°26	12°23	16°50	8°44	1° 7	20°D50	21°37	11°57	n.a.	F 5
S 6	18 27 29	5°37'20	3♈ 4	25°26	23° 5	4° 8	28°39	12°30	16°49	8°42	1° 7	20°R50	21°34	12° 4	n.a.	S 6
S 7	18 31 25	6°34'51	15°27	25° 5	22°41	4°46	28°51	12°38	16°48	8°41	1° 7	20°50	21°30	12°10	n.a.	S 7
M 8	18 35 22	7°32'24	28°12	24°50	22°16	5°25	29° 4	12°45	16°46	8°40	1° 7	20°48	21°27	12°17	n.a.	M 8
T 9	18 39 18	8°29'59	11♉23	24°41	21°49	6° 3	29°16	12°53	16°45	8°38	1°R 7	20°44	21°24	12°24	n.a.	T 9
W10	18 43 15	9°27'35	25° 2	24°D39	21°19	6°41	29°29	13° 0	16°44	8°37	1° 7	20°38	21°21	12°30	n.a.	W10
T 11	18 47 11	10°25'13	9♊10	24°44	20°49	7°19	29°42	13° 7	16°43	8°36	1° 7	20°30	21°18	12°37	n.a.	T 11
F 12	18 51 8	11°22'53	23°44	24°56	20°16	7°58	29°54	13°14	16°42	8°34	1° 7	20°20	21°14	12°44	n.a.	F 12
S 13	18 55 5	12°20'34	8♋38	25°15	19°43	8°36	0♌ 7	13°22	16°41	8°33	1° 7	20°10	21°11	12°50	n.a.	S 13
S 14	18 59 1	13°18'17	23°43	25°41	19° 8	9°14	0°20	13°29	16°40	8°31	1° 7	20° 1	21° 8	12°57	n.a.	S 14
M15	19 2 58	14°16'01	8♌50	26°15	18°33	9°52	0°33	13°36	16°39	8°30	1° 7	19°53	21° 5	13° 4	n.a.	M15
T 16	19 6 54	15°13'46	23°47	26°56	17°56	10°31	0°45	13°43	16°38	8°28	1° 7	19°49	21° 2	13°11	n.a.	T 16
W17	19 10 51	16°11'33	8♍29	27°44	17°20	11° 9	0°58	13°50	16°37	8°27	1° 6	19°46	20°59	13°17	n.a.	W17
T 18	19 14 47	17° 9'20	22°51	28°38	16°43	11°47	1°11	13°57	16°36	8°25	1° 6	19°D46	20°55	13°24	n.a.	T 18
F 19	19 18 44	18° 7'10	6♎49	29°40	16° 6	12°25	1°24	14° 4	16°35	8°24	1° 6	19°46	20°52	13°31	n.a.	F 19
S 20	19 22 40	19° 5'00	20°26	0♋48	15°29	13° 3	1°37	14°11	16°35	8°22	1° 6	19°R47	20°49	13°37	n.a.	S 20
S 21	19 26 37	20° 2'52	3♏42	2° 1	14°53	13°42	1°50	14°18	16°34	8°21	1° 6	19°46	20°46	13°44	n.a.	S 21
M22	19 30 34	21° 0'45	16°41	3°21	14°17	14°20	2° 3	14°25	16°33	8°19	1° 5	19°43	20°43	13°51	n.a.	M22
T 23	19 34 30	21°58'39	29°24	4°46	13°43	14°58	2°15	14°31	16°33	8°18	1° 5	19°38	20°40	13°57	n.a.	T 23
W24	19 38 27	22°56'35	11♐54	6°16	13° 9	15°36	2°28	14°38	16°32	8°16	1° 5	19°30	20°36	14° 4	n.a.	W24
T 25	19 42 23	23°54'33	24°13	7°51	12°37	16°15	2°41	14°45	16°32	8°15	1° 4	19°21	20°33	14°11	n.a.	T 25
F 26	19 46 20	24°52'32	6♑23	9°30	12° 7	16°53	2°54	14°51	16°32	8°13	1° 4	19°11	20°30	14°17	n.a.	F 26
S 27	19 50 16	25°50'33	18°26	11°12	11°38	17°31	3° 7	14°58	16°31	8°11	1° 4	19° 0	20°27	14°24	n.a.	S 27
S 28	19 54 13	26°48'36	0♒22	12°58	11°11	18° 9	3°20	15° 5	16°31	8°10	1° 3	18°51	20°24	14°31	n.a.	S 28
M29	19 58 9	27°46'40	12°14	14°46	10°46	18°47	3°33	15°11	16°31	8° 8	1° 3	18°44	20°20	14°37	n.a.	M29
T 30	20 2 6	28°44'47	24° 2	16°37	10°23	19°26	3°46	15°17	16°30	8° 7	1° 2	18°39	20°17	14°44	n.a.	T 30
W31	20 6 3	29♋42'55	5♓50	18♋29	10♋ 2	20♋ 4	3♌59	15♊24	16♏30	8♒ 5	1♈ 2	18♓36	20♓14	14♒51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n46	23s14	3s42	19n 6	4s40	18n 8	3s27	24n48	1n 1	21n50	0n56	21n42	0s50	16s58	0n10	19s 8	0s51	14s50	16s44	3s35	3s17	20s46			n.a.
T 2	23 46	19 14	2 56	19 9	4 36	17 56	3 41	24 47	1 2	21 48	0 56	21 43	0 50	16 58	0 10	19 8	0 51	14 50	16 44	3 38	3 18	20 44			n.a.
W 3	23 45	14 31	2 2	19 13	4 31	17 45	3 55	24 47	1 2	21 45	0 56	21 44	0 50	16 57	0 10	19 9	0 51	14 50	16 45	3 40	3 20	20 41			n.a.
T 4	23 43	9 15	1 2	19 19	4 24	17 34	4 9	24 47	1 2	21 43	0 56	21 46	0 50	16 57	0 10	19 9	0 51	14 51	16 45	3 41	3 21	20 38			n.a.
F 5	23 41	3 38	0n 1	19 27	4 16	17 23	4 23	24 46	1 2	21 40	0 56	21 47	0 49	16 56	0 10	19 9	0 51	14 51	16 45	3 41	3 22	20 36			n.a.
S 6	23 39	2n13	1 4	19 36	4 6	17 13	4 37	24 45	1 3	21 38	0 56	21 48	0 49	16 56	0 10	19 10	0 52	14 51	16 46	3 41	3 24	20 33			n.a.
S 7	23 36	8 6	2 7	19 46	3 55	17 3	4 51	24 44	1 3	21 35	0 56	21 49	0 49	16 56	0 10	19 10	0 52	14 52	16 46	3 41	3 25	20 31			n.a.
M 8	23 33	13 51	3 5	19 58	3 43	16 54	5 4	24 43	1 3	21 33	0 56	21 50	0 49	16 55	0 10	19 10	0 52	14 52	16 46	3 42	3 26	20 28			n.a.
T 9	23 30	19 10	3 55	20 11	3 29	16 45	5 18	24 41	1 3	21 30	0 56	21 51	0 49	16 55	0 10	19 11	0 52	14 52	16 47	3 43	3 27	20 26			n.a.
W10	23 26	23 42	4 33	20 25	3 15	16 36	5 31	24 40	1 4	21 27	0 56	21 52	0 49	16 55	0 10	19 11	0 52	14 52	16 47	3 46	3 29	20 23			n.a.
T 11	23 21	27 1	4 57	20 40	3 0	16 29	5 44	24 38	1 4	21 25	0 56	21 53	0 49	16 54	0 10	19 12	0 52	14 53	16 47	3 49	3 30	20 20			n.a.
F 12	23 17	28 39	5 2	20 56	2 45	16 21	5 56	24 36	1 4	21 22	0 56	21 54	0 49	16 54	0 10	19 12	0 52	14 53	16 48	3 53	3 31	20 18			n.a.
S 13	23 11	28 16	4 47	21 12	2 29	16 14	6 8	24 34	1 4	21 19	0 56	21 54	0 49	16 54	0 10	19 12	0 52	14 53	16 48	3 57	3 32	20 15			n.a.
S 14	23 6	25 48	4 12	21 29	2 13	16 8	6 19	24 31	1 5	21 16	0 56	21 55	0 49	16 54	0 10	19 13	0 52	14 54	16 48	4 1	3 34	20 13			n.a.
M15	23 0	21 31	3 20	21 47	1 56	16 2	6 30	24 29	1 5	21 14	0 56	21 56	0 49	16 53	0 10	19 13	0 52	14 54	16 49	4 3	3 35	20 10			n.a.
T 16	22 53	15 53	2 14	22 4	1 40	15 56	6 40	24 26	1 5	21 11	0 56	21 57	0 49	16 53	0 10	19 14	0 52	14 54	16 49	4 5	3 36	20 7			n.a.
W17	22 46	9 25	1 0	22 21	1 24	15 52	6 50	24 23	1 5	21 8	0 56	21 58	0 49	16 53	0 10	19 14	0 52	14 55	16 49	4 6	3 37	20 5			n.a.
T 18	22 39	2 38	0s16	22 38	1 8	15 47	6 58	24 20	1 5	21 5	0 56	21 59	0 49	16 53	0 10	19 15	0 52	14 55	16 49	4 6	3 39	20 2			n.a.
F 19	22 32	4s 7	1 30	22 54	0 52	15 44	7 6	24 16	1 6	21 2	0 56	22 0	0 49	16 52	0 10	19 15	0 52	14 56	16 50	4 6	3 40	19 59			n.a.
S 20	22 24	10 30	2 36	23 10	0 37	15 41	7 14	24 13	1 6	21 0	0 56	22 1	0 49	16 52	0 10	19 15	0 52	14 56	16 50	4 6	3 41	19 57			n.a.
S 21	22 15	16 15	3 32	23 24	0 22	15 38	7 20	24 9	1 6	20 57	0 56	22 2	0 49	16 52	0 10	19 16	0 52	14 56	16 50	4 7	3 43	19 54			n.a.
M22	22 6	21 8	4 16	23 36	0 8	15 36	7 26	24 5	1 6	20 54	0 56	22 2	0 49	16 52	0 10	19 16	0 52	14 57	16 51	4 8	3 44	19 51			n.a.
T 23	21 57	24 57	4 46	23 47	0n 6	15 35	7 30	24 1	1 7	20 51	0 56	22 3	0 49	16 52	0 10	19 17	0 52	14 57	16 51	4 10	3 45	19 49			n.a.
W24	21 47	27 31	5 2	23 56	0 19	15 35	7 34	23 57	1 7	20 48	0 56	22 4	0 49	16 52	0 10	19 17	0 52	14 57	16 51	4 13	3 46	19 46			n.a.
T 25	21 37	28 42	5 4	24 3	0 31	15 34	7 37	23 53	1 7	20 45	0 57	22 5	0 49	16 51	0 10	19 18	0 52	14 58	16 52	4 16	3 48	19 43			n.a.
F 26	21 27	28 28	4 52	24 8	0 42	15 35	7 40	23 48	1 7	20 42	0 57	22 6	0 49	16 51	0 10	19 18	0 52	14 58	16 52	4 20	3 49	19 41			n.a.
S 27	21 16	26 53	4 26	24 10	0 52	15 36	7 41	23 43	1 7	20 39	0 57	22 6	0 49	16 51	0 10	19 18	0 52	14 59	16 52	4 24	3 50	19 38			n.a.
S 28	21 5	24 5	3 50	24 9	1 2	15 37	7 42	23 38	1 8	20 36	0 57	22 7	0 48	16 51	0 10	19 19	0 52	14 59	16 53	4 28	3 51	19 35			n.a.
M29	20 54	20 17	3 3	24 6	1 10	15 39	7 42	23 33	1 8	20 33	0 57	22 8	0 48	16 51	0 10	19 19	0 52	15 0	16 53	4 31	3 53	19 33			n.a.
T 30	20 42	15 42	2 8	24 1	1 18	15 42	7 41	23 28	1 8	20 30	0 57	22 9	0 48	16 51	0 10	19 20	0 52	15 0	16 53	4 33	3 54	19 30			n.a.
W31	20n30	10s33	1s 8	23n52	1n25	15n45	7s40	23n22	1n 8	20n27	0n57	22n 9	0s48	16s51	0n10	19s20	0s52	15s 1	16s54	4s34	3s55	19s27			n.a.

Julian Day Number = 1495514.5, Delta T = 05h11m10s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'56, Lahiri = -12°29'56 Julian Calendar 1 July 619 BCE == Greg. Calendar 24 June 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

AUGUST 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 9 59	0♌41'05	17♓41	20♋23	9°R44	20♋42	4♌12	15♊30	16°R30	8°R 3	1°R 1	18°D35	20♓11	14♒57	n.a.	T 1
F 2	20 13 56	1°39'17	29°38	22°18	9♋28	21°20	4°26	15°36	16♏30	8♒ 2	1♈ 1	18♓35	20° 8	15° 4	n.a.	F 2
S 3	20 17 52	2°37'31	11♈45	24°14	9°14	21°58	4°39	15°43	16°D30	8° 0	1° 0	18°36	20° 5	15°11	n.a.	S 3
S 4	20 21 49	3°35'48	24° 7	26° 9	9° 3	22°37	4°52	15°49	16°30	7°58	1° 0	18°38	20° 1	15°17	n.a.	S 4
M 5	20 25 45	4°34'07	6♉49	28° 6	8°54	23°15	5° 5	15°55	16°30	7°57	0°59	18°R38	19°58	15°24	n.a.	M 5
T 6	20 29 42	5°32'28	19°55	0♌ 2	8°47	23°53	5°18	16° 1	16°30	7°55	0°59	18°37	19°55	15°31	n.a.	T 6
W 7	20 33 38	6°30'51	3♊29	1°57	8°43	24°31	5°31	16° 7	16°30	7°53	0°58	18°34	19°52	15°37	n.a.	W 7
T 8	20 37 35	7°29'17	17°32	3°53	8°D42	25°10	5°44	16°13	16°31	7°52	0°58	18°30	19°49	15°44	n.a.	T 8
F 9	20 41 32	8°27'45	2♋ 2	5°47	8°43	25°48	5°57	16°19	16°31	7°50	0°57	18°24	19°46	15°51	n.a.	F 9
S 10	20 45 28	9°26'15	16°55	7°41	8°46	26°26	6°10	16°24	16°31	7°48	0°56	18°18	19°42	15°57	n.a.	S 10
S 11	20 49 25	10°24'47	2♌ 5	9°34	8°51	27° 4	6°23	16°30	16°32	7°47	0°56	18°13	19°39	16° 4	n.a.	S 11
M12	20 53 21	11°23'21	17°20	11°27	8°58	27°43	6°36	16°36	16°32	7°45	0°55	18° 9	19°36	16°11	n.a.	M12
T 13	20 57 18	12°21'57	2♍30	13°18	9° 8	28°21	6°49	16°41	16°33	7°43	0°54	18° 6	19°33	16°17	n.a.	T 13
W14	21 1 14	13°20'35	17°27	15° 9	9°20	28°59	7° 2	16°47	16°33	7°42	0°54	18°D 5	19°30	16°24	n.a.	W14
T 15	21 5 11	14°19'15	2♎ 3	16°58	9°34	29°37	7°15	16°52	16°34	7°40	0°53	18° 6	19°26	16°31	n.a.	T 15
F 16	21 9 7	15°17'57	16°14	18°47	9°50	0♌16	7°28	16°57	16°35	7°39	0°52	18° 7	19°23	16°37	n.a.	F 16
S 17	21 13 4	16°16'40	29°59	20°34	10° 7	0°54	7°41	17° 3	16°35	7°37	0°51	18° 9	19°20	16°44	n.a.	S 17
S 18	21 17 1	17°15'26	13♏19	22°21	10°27	1°32	7°54	17° 8	16°36	7°35	0°51	18°R 9	19°17	16°51	n.a.	S 18
M19	21 20 57	18°14'13	26°16	24° 6	10°49	2°10	8° 7	17°13	16°37	7°34	0°50	18° 9	19°14	16°57	n.a.	M19
T 20	21 24 54	19°13'02	8♐54	25°51	11°12	2°49	8°20	17°18	16°38	7°32	0°49	18° 8	19°11	17° 4	n.a.	T 20
W21	21 28 50	20°11'53	21°16	27°34	11°37	3°27	8°33	17°23	16°39	7°30	0°48	18° 5	19° 7	17°11	n.a.	W21
T 22	21 32 47	21°10'46	3♑27	29°17	12° 4	4° 5	8°46	17°28	16°40	7°29	0°47	18° 1	19° 4	17°17	n.a.	T 22
F 23	21 36 43	22° 9'41	15°28	0♒58	12°32	4°44	8°59	17°32	16°41	7°27	0°47	17°57	19° 1	17°24	n.a.	F 23
S 24	21 40 40	23° 8'38	27°23	2°39	13° 2	5°22	9°12	17°37	16°42	7°26	0°46	17°52	18°58	17°31	n.a.	S 24
S 25	21 44 36	24° 7'36	9♒13	4°18	13°33	6° 0	9°25	17°42	16°43	7°24	0°45	17°48	18°55	17°37	n.a.	S 25
M26	21 48 33	25° 6'37	21° 3	5°57	14° 6	6°38	9°37	17°46	16°44	7°23	0°44	17°45	18°52	17°44	n.a.	M26
T 27	21 52 29	26° 5'40	2♓52	7°35	14°40	7°17	9°50	17°51	16°45	7°21	0°43	17°43	18°48	17°51	n.a.	T 27
W28	21 56 26	27° 4'45	14°44	9°12	15°16	7°55	10° 3	17°55	16°46	7°19	0°42	17°D42	18°45	17°57	n.a.	W28
T 29	22 0 23	28° 3'53	26°41	10°48	15°53	8°33	10°16	17°59	16°48	7°18	0°41	17°43	18°42	18° 4	n.a.	T 29
F 30	22 4 19	29° 3'02	8♈44	12°23	16°31	9°12	10°28	18° 3	16°49	7°16	0°40	17°44	18°39	18°11	n.a.	F 30
S 31	22 8 16	0♍ 2'14	20♈58	13♍58	17♋10	9♌50	10♌41	18♊ 8	16♏51	7♒15	0♈39	17♓45	18♓36	18♒17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n17	5s 0	0s 5	23n42	1n31	15n48	7s38	23n17	1n 8	20n24	0n57	22n10	0s48	16s51	0n10	19s21	0s52	15s 1	16s54	4s35	3s56	19s25			n.a.
F 2	20 4	0n45	0n59	23 28	1 36	15 52	7 35	23 11	1 9	20 21	0 57	22 11	0 48	16 51	0 9	19 21	0 52	15 1	16 54	4 35	3 58	19 22			n.a.
S 3	19 51	6 35	2 2	23 12	1 40	15 56	7 32	23 5	1 9	20 17	0 57	22 12	0 48	16 51	0 9	19 22	0 52	15 2	16 54	4 34	3 59	19 19			n.a.
S 4	19 37	12 16	3 0	22 54	1 43	16 1	7 28	22 59	1 9	20 14	0 57	22 12	0 48	16 51	0 9	19 22	0 52	15 2	16 55	4 34	4 0	19 17			n.a.
M 5	19 23	17 37	3 52	22 33	1 45	16 5	7 24	22 52	1 9	20 11	0 57	22 13	0 48	16 51	0 9	19 22	0 52	15 3	16 55	4 33	4 2	19 14			n.a.
T 6	19 9	22 20	4 32	22 10	1 47	16 11	7 19	22 46	1 9	20 8	0 57	22 14	0 48	16 51	0 9	19 23	0 52	15 3	16 55	4 34	4 3	19 11			n.a.
W 7	18 54	26 2	5 0	21 45	1 48	16 16	7 14	22 39	1 9	20 5	0 57	22 14	0 48	16 51	0 9	19 23	0 52	15 4	16 55	4 35	4 4	19 8			n.a.
T 8	18 39	28 19	5 10	21 18	1 48	16 22	7 8	22 32	1 10	20 2	0 57	22 15	0 48	16 51	0 9	19 24	0 52	15 4	16 56	4 37	4 5	19 6			n.a.
F 9	18 24	28 47	5 2	20 50	1 48	16 28	7 2	22 25	1 10	19 58	0 57	22 16	0 48	16 51	0 9	19 24	0 52	15 5	16 56	4 39	4 7	19 3			n.a.
S 10	18 8	27 11	4 33	20 20	1 47	16 34	6 56	22 18	1 10	19 55	0 57	22 16	0 48	16 52	0 9	19 25	0 52	15 5	16 56	4 41	4 8	19 0			n.a.
S 11	17 52	23 37	3 44	19 48	1 46	16 40	6 49	22 11	1 10	19 52	0 58	22 17	0 48	16 52	0 9	19 25	0 52	15 6	16 57	4 43	4 9	18 57			n.a.
M12	17 36	18 23	2 40	19 15	1 44	16 46	6 43	22 3	1 10	19 49	0 58	22 17	0 48	16 52	0 9	19 26	0 52	15 6	16 57	4 45	4 10	18 55			n.a.
T 13	17 20	12 2	1 24	18 40	1 41	16 52	6 36	21 56	1 10	19 45	0 58	22 18	0 48	16 52	0 9	19 26	0 52	15 7	16 57	4 46	4 12	18 52			n.a.
W14	17 3	5 5	0 3	18 5	1 38	16 59	6 28	21 48	1 11	19 42	0 58	22 18	0 48	16 52	0 9	19 26	0 52	15 7	16 57	4 46	4 13	18 49			n.a.
T 15	16 46	1s59	1s16	17 28	1 35	17 5	6 21	21 40	1 11	19 39	0 58	22 19	0 48	16 52	0 9	19 27	0 52	15 8	16 58	4 46	4 14	18 46			n.a.
F 16	16 28	8 44	2 28	16 51	1 31	17 12	6 13	21 32	1 11	19 35	0 58	22 20	0 48	16 53	0 9	19 27	0 52	15 8	16 58	4 46	4 15	18 44			n.a.
S 17	16 11	14 53	3 29	16 12	1 27	17 18	6 6	21 23	1 11	19 32	0 58	22 20	0 48	16 53	0 9	19 28	0 52	15 9	16 58	4 45	4 17	18 41			n.a.
S 18	15 53	20 8	4 17	15 33	1 23	17 25	5 58	21 15	1 11	19 29	0 58	22 21	0 48	16 53	0 9	19 28	0 52	15 9	16 58	4 45	4 18	18 38			n.a.
M19	15 34	24 17	4 51	14 54	1 18	17 31	5 50	21 6	1 11	19 26	0 58	22 21	0 48	16 53	0 9	19 29	0 52	15 10	16 59	4 45	4 19	18 35			n.a.
T 20	15 16	27 11	5 9	14 13	1 13	17 37	5 42	20 58	1 11	19 22	0 58	22 22	0 48	16 54	0 9	19 29	0 52	15 10	16 59	4 45	4 20	18 33			n.a.
W21	14 57	28 41	5 13	13 32	1 8	17 43	5 33	20 49	1 12	19 19	0 58	22 22	0 48	16 54	0 9	19 29	0 52	15 11	16 59	4 47	4 22	18 30			n.a.
T 22	14 38	28 46	5 2	12 51	1 2	17 49	5 25	20 40	1 12	19 15	0 58	22 23	0 48	16 54	0 9	19 30	0 52	15 11	16 59	4 48	4 23	18 27			n.a.
F 23	14 19	27 28	4 38	12 9	0 56	17 55	5 17	20 31	1 12	19 12	0 59	22 23	0 48	16 54	0 9	19 30	0 52	15 12	16 59	4 50	4 24	18 24			n.a.
S 24	14 0	24 56	4 2	11 27	0 50	18 0	5 9	20 21	1 12	19 9	0 59	22 24	0 48	16 55	0 9	19 31	0 52	15 12	17 0	4 52	4 26	18 21			n.a.
S 25	13 40	21 21	3 16	10 45	0 44	18 6	5 0	20 12	1 12	19 5	0 59	22 24	0 48	16 55	0 9	19 31	0 52	15 13	17 0	4 53	4 27	18 19			n.a.
M26	13 20	16 55	2 22	10 2	0 38	18 11	4 52	20 2	1 12	19 2	0 59	22 24	0 48	16 55	0 9	19 32	0 52	15 14	17 0	4 54	4 28	18 16			n.a.
T 27	13 0	11 51	1 21	9 20	0 31	18 15	4 43	19 52	1 12	18 59	0 59	22 25	0 48	16 56	0 9	19 32	0 52	15 14	17 0	4 55	4 29	18 13			n.a.
W28	12 39	6 21	0 16	8 37	0 25	18 20	4 35	19 42	1 12	18 55	0 59	22 25	0 48	16 56	0 9	19 32	0 52	15 15	17 0	4 55	4 31	18 10			n.a.
T 29	12 19	0 35	0n49	7 54	0 18	18 24	4 27	19 32	1 13	18 52	0 59	22 26	0 48	16 57	0 9	19 33	0 52	15 15	17 1	4 55	4 32	18 7			n.a.
F 30	11 58	5n15	1 54	7 11	0 11	18 28	4 18	19 22	1 13	18 48	0 59	22 26	0 48	16 57	0 9	19 33	0 52	15 16	17 1	4 55	4 33	18 4			n.a.
S 31	11n37	10n58	2n54	6n28	0n 4	18n31	4s10	19n12	1n13	18n45	0n59	22n26	0s48	16s57	0n 9	19s33	0s52	15s16	17s 1	4s54	4s34	18s 2			n.a.

Julian Day Number = 1495545.5, Delta T = 05h11m08s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'52, Lahiri = -12°29'51 Julian Calendar 1 Aug. 619 BCE == Greg. Calendar 25 July 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

SEPTEMBER 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 12 12	1♍ 1'29	3♉25	15♍32	17♋51	10♌28	10♌54	18♊12	16♏52	7°R13	0°R38	17♓47	18♓32	18♒24	n.a.	S 1
M 2	22 16 9	2° 0'45	16° 9	17° 4	18°32	11° 7	11° 6	18°15	16°54	7♒12	0♈37	17°48	18°29	18°31	n.a.	M 2
T 3	22 20 5	3° 0'05	29°13	18°36	19°15	11°45	11°19	18°19	16°55	7°10	0°36	17°R48	18°26	18°37	n.a.	T 3
W 4	22 24 2	3°59'27	12♊39	20° 8	19°59	12°24	11°32	18°23	16°57	7° 9	0°35	17°48	18°23	18°44	n.a.	W 4
T 5	22 27 58	4°58'51	26°31	21°38	20°44	13° 2	11°44	18°27	16°58	7° 8	0°34	17°47	18°20	18°51	n.a.	T 5
F 6	22 31 55	5°58'18	10♋47	23° 8	21°29	13°40	11°57	18°30	17° 0	7° 6	0°33	17°46	18°17	18°57	n.a.	F 6
S 7	22 35 52	6°57'47	25°26	24°37	22°16	14°19	12° 9	18°34	17° 2	7° 5	0°32	17°45	18°13	19° 4	n.a.	S 7
S 8	22 39 48	7°57'19	10♌22	26° 5	23° 4	14°57	12°22	18°37	17° 4	7° 3	0°31	17°44	18°10	19°11	n.a.	S 8
M 9	22 43 45	8°56'52	25°29	27°32	23°52	15°36	12°34	18°40	17° 5	7° 2	0°30	17°43	18° 7	19°17	n.a.	M 9
T 10	22 47 41	9°56'28	10♍37	28°58	24°41	16°14	12°46	18°43	17° 7	7° 1	0°29	17°D42	18° 4	19°24	n.a.	T 10
W11	22 51 38	10°56'06	25°37	0♎24	25°31	16°52	12°59	18°46	17° 9	6°59	0°28	17°42	18° 1	19°31	n.a.	W11
T 12	22 55 34	11°55'46	10♎21	1°48	26°22	17°31	13°11	18°49	17°11	6°58	0°27	17°43	17°57	19°37	n.a.	T 12
F 13	22 59 31	12°55'28	24°42	3°12	27°14	18° 9	13°23	18°52	17°13	6°57	0°26	17°43	17°54	19°44	n.a.	F 13
S 14	23 3 27	13°55'13	8♏38	4°35	28° 6	18°48	13°35	18°55	17°15	6°56	0°25	17°43	17°51	19°51	n.a.	S 14
S 15	23 7 24	14°54'59	22° 6	5°57	28°59	19°26	13°47	18°58	17°17	6°54	0°24	17°44	17°48	19°57	n.a.	S 15
M16	23 11 20	15°54'46	5♐ 9	7°18	29°52	20° 5	13°59	19° 0	17°20	6°53	0°23	17°44	17°45	20° 4	n.a.	M16
T 17	23 15 17	16°54'36	17°49	8°38	0♑47	20°43	14°11	19° 2	17°22	6°52	0°22	17°R44	17°42	20°11	n.a.	T 17
W18	23 19 14	17°54'28	0♑11	9°56	1°42	21°21	14°23	19° 5	17°24	6°51	0°21	17°D44	17°38	20°17	n.a.	W18
T 19	23 23 10	18°54'21	12°18	11°14	2°37	22° 0	14°35	19° 7	17°26	6°50	0°20	17°44	17°35	20°24	n.a.	T 19
F 20	23 27 7	19°54'16	24°14	12°30	3°33	22°38	14°47	19° 9	17°29	6°49	0°18	17°44	17°32	20°31	n.a.	F 20
S 21	23 31 3	20°54'13	6♒ 5	13°44	4°30	23°17	14°58	19°11	17°31	6°48	0°17	17°45	17°29	20°37	n.a.	S 21
S 22	23 35 0	21°54'12	17°54	14°57	5°27	23°55	15°10	19°13	17°33	6°46	0°16	17°45	17°26	20°44	n.a.	S 22
M23	23 38 56	22°54'12	29°43	16° 9	6°25	24°34	15°22	19°15	17°36	6°45	0°15	17°45	17°23	20°51	n.a.	M23
T 24	23 42 53	23°54'15	11♓37	17°18	7°23	25°12	15°33	19°16	17°38	6°44	0°14	17°R46	17°19	20°57	n.a.	T 24
W25	23 46 49	24°54'19	23°36	18°26	8°22	25°51	15°45	19°18	17°41	6°43	0°13	17°46	17°16	21° 4	n.a.	W25
T 26	23 50 46	25°54'25	5♈44	19°31	9°21	26°29	15°56	19°19	17°43	6°42	0°12	17°45	17°13	21°11	n.a.	T 26
F 27	23 54 43	26°54'33	18° 1	20°33	10°21	27° 8	16° 8	19°21	17°46	6°42	0°11	17°44	17°10	21°17	n.a.	F 27
S 28	23 58 39	27°54'44	0♉29	21°33	11°21	27°46	16°19	19°22	17°49	6°41	0° 9	17°43	17° 7	21°24	n.a.	S 28
S 29	0 2 36	28°54'56	13°10	22°29	12°22	28°25	16°30	19°23	17°51	6°40	0° 8	17°42	17° 3	21°31	n.a.	S 29
M30	0 6 32	29♍55'11	26♉ 5	23♎22	13♌23	29♌ 4	16♌41	19♊24	17♏54	6♒39	0♈ 7	17♓40	17♓ 0	21♒37	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n16	16n22	3n47	5n45	0s 3	18n34	4s 2	19n 2	1n13	18n42	1n 0	22n27	0s48	16s58	0n 9	19s34	0s52	15s17	17s 1	4s54	4s36	17s59		n.a.
M 2	10 54	21 12	4 30	5 2	0 10	18 37	3 53	18 51	1 13	18 38	1 0	22 27	0 48	16 58	0 9	19 34	0 52	15 17	17 1	4 53	4 37	17 56		n.a.
T 3	10 33	25 8	5 0	4 19	0 17	18 39	3 45	18 40	1 13	18 35	1 0	22 28	0 48	16 59	0 9	19 35	0 52	15 18	17 1	4 53	4 38	17 53		n.a.
W 4	10 11	27 51	5 16	3 36	0 24	18 41	3 37	18 29	1 13	18 31	1 0	22 28	0 48	16 59	0 9	19 35	0 52	15 18	17 1	4 53	4 39	17 50		n.a.
T 5	9 49	28 57	5 13	2 53	0 31	18 43	3 29	18 18	1 13	18 28	1 0	22 28	0 48	17 0	0 9	19 35	0 52	15 19	17 2	4 53	4 41	17 47		n.a.
F 6	9 27	28 10	4 52	2 11	0 38	18 44	3 20	18 7	1 13	18 24	1 0	22 28	0 48	17 0	0 9	19 36	0 52	15 19	17 2	4 54	4 42	17 45		n.a.
S 7	9 5	25 27	4 11	1 29	0 45	18 44	3 12	17 56	1 14	18 21	1 0	22 29	0 48	17 1	0 9	19 36	0 52	15 20	17 2	4 54	4 43	17 42		n.a.
S 8	8 42	20 58	3 13	0 47	0 52	18 45	3 4	17 45	1 14	18 18	1 0	22 29	0 48	17 1	0 9	19 36	0 52	15 20	17 2	4 55	4 44	17 39		n.a.
M 9	8 20	15 5	2 0	0 5	1 0	18 44	2 56	17 33	1 14	18 14	1 0	22 29	0 48	17 2	0 9	19 37	0 52	15 21	17 2	4 55	4 46	17 36		n.a.
T 10	7 57	8 17	0 39	0s36	1 7	18 43	2 49	17 22	1 14	18 11	1 1	22 30	0 48	17 2	0 9	19 37	0 52	15 21	17 2	4 55	4 47	17 33		n.a.
W11	7 34	1 6	0s44	1 17	1 14	18 42	2 41	17 10	1 14	18 7	1 1	22 30	0 48	17 3	0 9	19 37	0 52	15 22	17 2	4 55	4 48	17 30		n.a.
T 12	7 11	6s 2	2 3	1 58	1 21	18 40	2 33	16 58	1 14	18 4	1 1	22 30	0 48	17 4	0 9	19 38	0 52	15 23	17 2	4 55	4 49	17 27		n.a.
F 13	6 48	12 40	3 11	2 38	1 28	18 38	2 25	16 46	1 14	18 1	1 1	22 30	0 48	17 4	0 9	19 38	0 52	15 23	17 3	4 55	4 51	17 25		n.a.
S 14	6 25	18 28	4 7	3 17	1 34	18 35	2 18	16 34	1 14	17 57	1 1	22 31	0 48	17 5	0 9	19 38	0 52	15 24	17 3	4 55	4 52	17 22		n.a.
S 15	6 1	23 9	4 47	3 56	1 41	18 31	2 10	16 22	1 14	17 54	1 1	22 31	0 48	17 5	0 9	19 39	0 52	15 24	17 3	4 55	4 53	17 19		n.a.
M16	5 38	26 32	5 10	4 35	1 48	18 28	2 3	16 10	1 14	17 50	1 1	22 31	0 48	17 6	0 9	19 39	0 52	15 25	17 3	4 55	4 54	17 16		n.a.
T 17	5 14	28 29	5 18	5 13	1 54	18 23	1 55	15 58	1 14	17 47	1 2	22 31	0 48	17 7	0 9	19 39	0 52	15 25	17 3	4 55	4 56	17 13		n.a.
W18	4 51	28 57	5 10	5 50	2 0	18 18	1 48	15 45	1 14	17 44	1 2	22 32	0 48	17 7	0 9	19 40	0 52	15 26	17 3	4 55	4 57	17 10		n.a.
T 19	4 27	27 59	4 49	6 26	2 6	18 13	1 41	15 33	1 15	17 40	1 2	22 32	0 48	17 8	0 9	19 40	0 52	15 26	17 3	4 55	4 58	17 7		n.a.
F 20	4 3	25 45	4 16	7 2	2 12	18 6	1 34	15 20	1 15	17 37	1 2	22 32	0 48	17 9	0 9	19 40	0 52	15 27	17 3	4 55	5 0	17 4		n.a.
S 21	3 39	22 25	3 31	7 36	2 18	18 0	1 27	15 7	1 15	17 33	1 2	22 32	0 48	17 9	0 9	19 40	0 52	15 27	17 3	4 55	5 1	17 1		n.a.
S 22	3 15	18 11	2 38	8 10	2 23	17 53	1 20	14 54	1 15	17 30	1 2	22 32	0 48	17 10	0 9	19 41	0 52	15 28	17 3	4 54	5 2	16 58		n.a.
M23	2 51	13 16	1 39	8 43	2 28	17 45	1 13	14 41	1 15	17 27	1 3	22 32	0 48	17 11	0 9	19 41	0 52	15 28	17 3	4 54	5 3	16 55		n.a.
T 24	2 27	7 50	0 34	9 14	2 33	17 37	1 6	14 28	1 15	17 23	1 3	22 33	0 48	17 12	0 9	19 41	0 52	15 29	17 3	4 54	5 5	16 53		n.a.
W25	2 3	2 5	0n32	9 44	2 37	17 28	1 0	14 15	1 15	17 20	1 3	22 33	0 48	17 12	0 9	19 41	0 52	15 29	17 3	4 54	5 6	16 50		n.a.
T 26	1 39	3n48	1 38	10 13	2 41	17 18	0 53	14 2	1 15	17 17	1 3	22 33	0 48	17 13	0 9	19 42	0 52	15 29	17 3	4 54	5 7	16 47		n.a.
F 27	1 15	9 37	2 40	10 41	2 45	17 8	0 47	13 48	1 15	17 14	1 3	22 33	0 48	17 14	0 9	19 42	0 52	15 30	17 3	4 55	5 8	16 44		n.a.
S 28	0 50	15 9	3 35	11 6	2 48	16 58	0 41	13 35	1 15	17 10	1 3	22 33	0 48	17 14	0 9	19 42	0 52	15 30	17 3	4 55	5 10	16 41		n.a.
S 29	0 26	20 9	4 21	11 30	2 51	16 47	0 34	13 21	1 15	17 7	1 4	22 33	0 48	17 15	0 9	19 42	0 52	15 31	17 3	4 56	5 11	16 38		n.a.
M30	0n 2	24n18	4n54	11s52	2s53	16n35	0s28	13n 8	1n15	17n 4	1n 4	22n33	0s48	17s16	0n 9	19s43	0s52	15s31	17s 3	4s56	5s12	16s35		n.a.

Julian Day Number = 1495576.5, Delta T = 05h11m07s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'48, Lahiri = -12°29'47 Julian Calendar 1 Sept. 619 BCE == Greg. Calendar 25 Aug. 619 BCE

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

OCTOBER 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 10 29	0♎55'28	9♊15	24♎11	14♌24	29♌42	16♌52	19♊25	17♏57	6°R38	0°R 6	17°R39	16♓57	21♒44	n.a.	T 1
W 2	0 14 25	1°55'47	22°41	24°56	15°26	0♍21	17° 3	19°26	18° 0	6♒37	0♈ 5	17♓38	16°54	21°51	n.a.	W 2
T 3	0 18 22	2°56'08	6♋26	25°36	16°28	0°59	17°14	19°27	18° 2	6°37	0° 4	17°D38	16°51	21°57	n.a.	T 3
F 4	0 22 18	3°56'31	20°28	26°11	17°31	1°38	17°25	19°27	18° 5	6°36	0° 3	17°38	16°48	22° 4	n.a.	F 4
S 5	0 26 15	4°56'57	4♌47	26°39	18°34	2°17	17°36	19°28	18° 8	6°35	0° 1	17°39	16°44	22°11	n.a.	S 5
S 6	0 30 12	5°57'24	19°21	27° 1	19°37	2°55	17°46	19°28	18°11	6°35	0° 0	17°41	16°41	22°17	n.a.	S 6
M 7	0 34 8	6°57'54	4♍ 5	27°15	20°41	3°34	17°57	19°28	18°14	6°34	29♓59	17°42	16°38	22°24	n.a.	M 7
T 8	0 38 5	7°58'25	18°54	27°R21	21°45	4°12	18° 7	19°R28	18°17	6°33	29°58	17°R42	16°35	22°31	n.a.	T 8
W 9	0 42 1	8°58'58	3♎40	27°19	22°50	4°51	18°18	19°28	18°20	6°33	29°57	17°41	16°32	22°37	n.a.	W 9
T 10	0 45 58	9°59'33	18°17	27° 7	23°54	5°30	18°28	19°28	18°23	6°32	29°56	17°40	16°28	22°44	n.a.	T 10
F 11	0 49 54	11° 0'09	2♏37	26°45	24°59	6° 8	18°38	19°28	18°26	6°32	29°55	17°37	16°25	22°50	n.a.	F 11
S 12	0 53 51	12° 0'48	16°36	26°14	26° 5	6°47	18°48	19°27	18°29	6°31	29°54	17°33	16°22	22°57	n.a.	S 12
S 13	0 57 47	13° 1'27	0♐10	25°31	27°10	7°26	18°59	19°27	18°32	6°31	29°52	17°29	16°19	23° 4	n.a.	S 13
M14	1 1 44	14° 2'08	13°19	24°39	28°16	8° 4	19° 8	19°26	18°35	6°30	29°51	17°26	16°16	23°10	n.a.	M14
T 15	1 5 41	15° 2'50	26° 4	23°38	29°22	8°43	19°18	19°26	18°39	6°30	29°50	17°23	16°13	23°17	n.a.	T 15
W16	1 9 37	16° 3'34	8♑28	22°29	0♍28	9°22	19°28	19°25	18°42	6°30	29°49	17°21	16° 9	23°24	n.a.	W16
T 17	1 13 34	17° 4'19	20°36	21°13	1°35	10° 0	19°38	19°24	18°45	6°29	29°48	17°D21	16° 6	23°30	n.a.	T 17
F 18	1 17 30	18° 5'05	2♒32	19°53	2°42	10°39	19°47	19°23	18°48	6°29	29°47	17°22	16° 3	23°37	n.a.	F 18
S 19	1 21 27	19° 5'52	14°22	18°31	3°49	11°18	19°57	19°22	18°51	6°29	29°46	17°24	16° 0	23°44	n.a.	S 19
S 20	1 25 23	20° 6'40	26°10	17°11	4°56	11°56	20° 6	19°20	18°55	6°29	29°45	17°26	15°57	23°50	n.a.	S 20
M21	1 29 20	21° 7'30	8♓ 1	15°54	6° 4	12°35	20°15	19°19	18°58	6°28	29°44	17°27	15°54	23°57	n.a.	M21
T 22	1 33 16	22° 8'20	19°59	14°43	7°12	13°14	20°24	19°18	19° 1	6°28	29°43	17°R27	15°50	24° 4	n.a.	T 22
W23	1 37 13	23° 9'12	2♈ 7	13°41	8°20	13°53	20°33	19°16	19° 5	6°28	29°42	17°26	15°47	24°10	n.a.	W23
T 24	1 41 9	24°10'05	14°28	12°49	9°28	14°31	20°42	19°14	19° 8	6°28	29°41	17°23	15°44	24°17	n.a.	T 24
F 25	1 45 6	25°10'59	27° 2	12° 7	10°36	15°10	20°51	19°13	19°12	6°28	29°40	17°18	15°41	24°24	n.a.	F 25
S 26	1 49 3	26°11'55	9♉51	11°37	11°45	15°49	20°59	19°11	19°15	6°D28	29°39	17°12	15°38	24°30	n.a.	S 26
S 27	1 52 59	27°12'51	22°54	11°19	12°54	16°28	21° 8	19° 9	19°18	6°28	29°38	17° 5	15°34	24°37	n.a.	S 27
M28	1 56 56	28°13'50	6♊10	11°D12	14° 3	17° 6	21°16	19° 7	19°22	6°28	29°37	16°58	15°31	24°44	n.a.	M28
T 29	2 0 52	29°14'49	19°38	11°16	15°12	17°45	21°24	19° 4	19°25	6°28	29°36	16°51	15°28	24°50	n.a.	T 29
W30	2 4 49	0♏15'50	3♋17	11°30	16°21	18°24	21°32	19° 2	19°29	6°28	29°35	16°46	15°25	24°57	n.a.	W30
T 31	2 8 45	1♏16'52	17♋ 6	11♎53	17♍31	19♍ 3	21♌40	19♊ 0	19♏32	6♒29	29♓34	16♓43	15♓22	25♒ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	0s22	27n18	5n13	12s12	2s54	16n23	0s22	12n54	1n15	17n 1	1n 4	22n33	0s48	17s17	0n 8	19s43	0s52	15s32	17s 3	4s57	5s13	16s32			n.a.
W 2	0 47	28 49	5 15	12 29	2 54	16 10	0 16	12 40	1 15	16 57	1 4	22 33	0 47	17 18	0 8	19 43	0 52	15 32	17 3	4 57	5 15	16 29			n.a.
T 3	1 11	28 36	5 0	12 44	2 54	15 57	0 11	12 27	1 15	16 54	1 4	22 33	0 47	17 18	0 8	19 43	0 52	15 33	17 3	4 57	5 16	16 26			n.a.
F 4	1 35	26 34	4 26	12 55	2 53	15 43	0 5	12 13	1 15	16 51	1 4	22 33	0 47	17 19	0 8	19 43	0 52	15 33	17 3	4 57	5 17	16 23			n.a.
S 5	2 0	22 49	3 36	13 4	2 51	15 29	0n 1	11 59	1 15	16 48	1 5	22 34	0 47	17 20	0 8	19 43	0 52	15 33	17 3	4 57	5 18	16 20			n.a.
S 6	2 24	17 36	2 30	13 9	2 47	15 14	0 6	11 44	1 15	16 45	1 5	22 34	0 47	17 21	0 8	19 44	0 52	15 34	17 3	4 56	5 20	16 17			n.a.
M 7	2 48	11 18	1 15	13 10	2 43	14 59	0 11	11 30	1 15	16 42	1 5	22 34	0 47	17 22	0 8	19 44	0 52	15 34	17 3	4 56	5 21	16 14			n.a.
T 8	3 12	4 21	0s 7	13 7	2 37	14 43	0 17	11 16	1 15	16 38	1 5	22 34	0 47	17 23	0 8	19 44	0 52	15 35	17 3	4 56	5 22	16 11			n.a.
W 9	3 37	2s48	1 27	12 59	2 30	14 26	0 22	11 2	1 15	16 35	1 5	22 34	0 47	17 23	0 8	19 44	0 52	15 35	17 3	4 56	5 23	16 8			n.a.
T 10	4 1	9 44	2 41	12 46	2 21	14 9	0 27	10 47	1 15	16 32	1 6	22 34	0 47	17 24	0 8	19 44	0 52	15 35	17 3	4 57	5 25	16 5			n.a.
F 11	4 25	16 2	3 43	12 28	2 10	13 52	0 32	10 33	1 15	16 29	1 6	22 34	0 47	17 25	0 8	19 44	0 52	15 36	17 3	4 58	5 26	16 2			n.a.
S 12	4 49	21 20	4 30	12 5	1 57	13 34	0 36	10 18	1 15	16 26	1 6	22 34	0 47	17 26	0 8	19 44	0 52	15 36	17 3	4 59	5 27	15 59			n.a.
S 13	5 13	25 21	5 0	11 36	1 43	13 16	0 41	10 4	1 15	16 23	1 6	22 34	0 47	17 27	0 8	19 44	0 52	15 36	17 3	5 1	5 28	15 56			n.a.
M14	5 37	27 53	5 13	11 2	1 27	12 57	0 46	9 49	1 15	16 20	1 6	22 34	0 47	17 28	0 8	19 45	0 52	15 37	17 2	5 2	5 30	15 53			n.a.
T 15	6 0	28 53	5 10	10 23	1 10	12 38	0 50	9 34	1 15	16 17	1 7	22 34	0 47	17 29	0 8	19 45	0 52	15 37	17 2	5 3	5 31	15 50			n.a.
W16	6 24	28 22	4 53	9 39	0 51	12 18	0 54	9 20	1 15	16 15	1 7	22 33	0 47	17 30	0 8	19 45	0 52	15 38	17 2	5 4	5 32	15 47			n.a.
T 17	6 48	26 30	4 23	8 52	0 31	11 58	0 59	9 5	1 15	16 12	1 7	22 33	0 47	17 31	0 8	19 45	0 52	15 38	17 2	5 4	5 33	15 44			n.a.
F 18	7 11	23 28	3 42	8 3	0 11	11 38	1 3	8 50	1 15	16 9	1 7	22 33	0 47	17 31	0 8	19 45	0 52	15 38	17 2	5 3	5 35	15 41			n.a.
S 19	7 35	19 29	2 51	7 12	0n10	11 17	1 7	8 35	1 15	16 6	1 7	22 33	0 47	17 32	0 8	19 45	0 52	15 38	17 2	5 3	5 36	15 38			n.a.
S 20	7 58	14 45	1 54	6 22	0 30	10 55	1 10	8 20	1 15	16 3	1 8	22 33	0 47	17 33	0 8	19 45	0 52	15 39	17 2	5 2	5 37	15 35			n.a.
M21	8 21	9 28	0 51	5 34	0 50	10 33	1 14	8 5	1 15	16 1	1 8	22 33	0 47	17 34	0 8	19 45	0 52	15 39	17 2	5 1	5 38	15 32			n.a.
T 22	8 44	3 49	0n14	4 50	1 8	10 11	1 18	7 50	1 15	15 58	1 8	22 33	0 47	17 35	0 8	19 45	0 52	15 39	17 1	5 1	5 40	15 29			n.a.
W23	9 7	2n 4	1 19	4 10	1 25	9 49	1 21	7 35	1 15	15 55	1 8	22 33	0 47	17 36	0 8	19 45	0 52	15 40	17 1	5 2	5 41	15 26			n.a.
T 24	9 30	7 57	2 22	3 35	1 40	9 26	1 24	7 19	1 15	15 52	1 9	22 33	0 47	17 37	0 8	19 45	0 52	15 40	17 1	5 3	5 42	15 23			n.a.
F 25	9 53	13 38	3 19	3 7	1 54	9 3	1 28	7 4	1 15	15 50	1 9	22 33	0 47	17 38	0 8	19 45	0 52	15 40	17 1	5 5	5 43	15 20			n.a.
S 26	10 15	18 51	4 7	2 45	2 5	8 39	1 31	6 49	1 15	15 47	1 9	22 33	0 47	17 39	0 8	19 45	0 52	15 40	17 1	5 7	5 45	15 17			n.a.
S 27	10 37	23 18	4 42	2 29	2 14	8 15	1 34	6 34	1 15	15 45	1 9	22 32	0 47	17 40	0 8	19 45	0 52	15 41	17 1	5 10	5 46	15 14			n.a.
M28	11 0	26 37	5 4	2 20	2 21	7 51	1 37	6 18	1 15	15 42	1 10	22 32	0 47	17 41	0 8	19 45	0 52	15 41	17 0	5 13	5 47	15 11			n.a.
T 29	11 21	28 29	5 9	2 16	2 27	7 26	1 39	6 3	1 15	15 40	1 10	22 32	0 47	17 42	0 8	19 45	0 52	15 41	17 0	5 16	5 48	15 8			n.a.
W30	11 43	28 40	4 57	2 19	2 30	7 1	1 42	5 47	1 14	15 37	1 10	22 32	0 47	17 43	0 8	19 45	0 52	15 41	17 0	5 18	5 50	15 5			n.a.
T 31	12s 5	27n 4	4n27	2s26	2n33	6n36	1n45	5n32	1n14	15n35	1n10	22n32	0s47	17s44	0n 8	19s45	0s52	15s41	17s 0	5s19	5s51	15s 2			n.a.

Julian Day Number = 1495606.5, Delta T = 05h11m05s
Ecliptic obliquity = 23°46'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'43, Lahiri = -12°29'43 Julian Calendar 1 Oct. 619 BCE == Greg. Calendar 24 Sept. 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

NOVEMBER 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 12 42	2♏17'56	1♌ 3	12♎25	18♍40	19♍42	21♌48	18°R57	19♏36	6♒29	29°R33	16°D42	15♓19	25♒10	n.a.	F 1
S 2	2 16 39	3°19'00	15° 9	13° 4	19°50	20°20	21°56	18♊54	19°39	6°29	29♓32	16♓43	15°15	25°17	n.a.	S 2
S 3	2 20 35	4°20'06	29°22	13°49	21° 0	20°59	22° 4	18°52	19°43	6°29	29°31	16°44	15°12	25°24	n.a.	S 3
M 4	2 24 32	5°21'13	13♍40	14°41	22°11	21°38	22°11	18°49	19°46	6°30	29°30	16°R45	15° 9	25°30	n.a.	M 4
T 5	2 28 28	6°22'22	28° 1	15°38	23°21	22°17	22°18	18°46	19°50	6°30	29°29	16°44	15° 6	25°37	n.a.	T 5
W 6	2 32 25	7°23'31	12♎22	16°39	24°31	22°56	22°26	18°43	19°54	6°30	29°28	16°42	15° 3	25°44	n.a.	W 6
T 7	2 36 21	8°24'41	26°37	17°44	25°42	23°35	22°33	18°40	19°57	6°31	29°27	16°37	15° 0	25°50	n.a.	T 7
F 8	2 40 18	9°25'52	10♏41	18°52	26°53	24°13	22°40	18°37	20° 1	6°31	29°27	16°29	14°56	25°57	n.a.	F 8
S 9	2 44 14	10°27'04	24°30	20° 4	28° 4	24°52	22°46	18°33	20° 4	6°32	29°26	16°20	14°53	26° 3	n.a.	S 9
S 10	2 48 11	11°28'17	7♐59	21°17	29°15	25°31	22°53	18°30	20° 8	6°32	29°25	16°10	14°50	26°10	n.a.	S 10
M11	2 52 8	12°29'30	21° 7	22°34	0♎26	26°10	22°59	18°27	20°12	6°33	29°24	16° 0	14°47	26°17	n.a.	M11
T 12	2 56 4	13°30'44	3♑53	23°52	1°37	26°49	23° 6	18°23	20°15	6°33	29°23	15°51	14°44	26°23	n.a.	T 12
W13	3 0 1	14°31'58	16°19	25°12	2°48	27°28	23°12	18°19	20°19	6°34	29°23	15°45	14°40	26°30	n.a.	W13
T 14	3 3 57	15°33'12	28°28	26°33	4° 0	28° 7	23°18	18°16	20°23	6°35	29°22	15°41	14°37	26°37	n.a.	T 14
F 15	3 7 54	16°34'26	10♒25	27°55	5°11	28°45	23°24	18°12	20°26	6°35	29°21	15°39	14°34	26°43	n.a.	F 15
S 16	3 11 50	17°35'41	22°15	29°19	6°23	29°24	23°29	18° 8	20°30	6°36	29°20	15°D39	14°31	26°50	n.a.	S 16
S 17	3 15 47	18°36'56	4♓ 3	0♏44	7°34	0♎ 3	23°35	18° 4	20°33	6°37	29°20	15°40	14°28	26°57	n.a.	S 17
M18	3 19 43	19°38'10	15°54	2° 9	8°46	0°42	23°40	18° 0	20°37	6°38	29°19	15°R40	14°25	27° 3	n.a.	M18
T 19	3 23 40	20°39'25	27°55	3°36	9°58	1°21	23°45	17°56	20°41	6°39	29°18	15°39	14°21	27°10	n.a.	T 19
W20	3 27 37	21°40'40	10♈ 8	5° 3	11°10	2° 0	23°50	17°52	20°44	6°39	29°18	15°36	14°18	27°17	n.a.	W20
T 21	3 31 33	22°41'55	22°39	6°30	12°22	2°39	23°55	17°48	20°48	6°40	29°17	15°31	14°15	27°23	n.a.	T 21
F 22	3 35 30	23°43'10	5♉28	7°58	13°34	3°18	24° 0	17°44	20°52	6°41	29°16	15°22	14°12	27°30	n.a.	F 22
S 23	3 39 26	24°44'26	18°37	9°27	14°47	3°56	24° 5	17°39	20°55	6°42	29°16	15°12	14° 9	27°37	n.a.	S 23
S 24	3 43 23	25°45'41	2♊ 5	10°56	15°59	4°35	24° 9	17°35	20°59	6°43	29°15	15° 0	14° 6	27°43	n.a.	S 24
M25	3 47 19	26°46'57	15°48	12°26	17°11	5°14	24°13	17°30	21° 3	6°44	29°15	14°48	14° 2	27°50	n.a.	M25
T 26	3 51 16	27°48'12	29°43	13°56	18°24	5°53	24°17	17°26	21° 6	6°45	29°14	14°36	13°59	27°57	n.a.	T 26
W27	3 55 13	28°49'28	13♋46	15°26	19°36	6°32	24°21	17°21	21°10	6°46	29°14	14°27	13°56	28° 3	n.a.	W27
T 28	3 59 9	29°50'45	27°53	16°57	20°49	7°11	24°25	17°17	21°14	6°47	29°13	14°21	13°53	28°10	n.a.	T 28
F 29	4 3 6	0♐52'01	12♌ 0	18°28	22° 2	7°50	24°28	17°12	21°17	6°49	29°13	14°18	13°50	28°17	n.a.	F 29
S 30	4 7 2	1♐53'17	26♌ 7	20♏ 0	23♎14	8♎29	24♌32	17♊ 8	21♏21	6♒50	29♓12	14♓16	13♓46	28♒23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s26	23n48	3n42	2s37	2n34	6n11	1n47	5n16	1n14	15n33	1n10	22n32	0s47	17s45	0n 8	19s45	0s52	15s42	17s 0	5s19	5s52	14s59		n.a.
S 2	12 48	19 6	2 42	2 53	2 33	5 45	1 49	5 1	1 14	15 30	1 11	22 31	0 47	17 46	0 8	19 45	0 52	15 42	16 59	5 19	5 53	14 56		n.a.
S 3	13 9	13 18	1 33	3 12	2 32	5 19	1 51	4 45	1 14	15 28	1 11	22 31	0 47	17 47	0 8	19 44	0 52	15 42	16 59	5 18	5 55	14 53		n.a.
M 4	13 29	6 46	0 17	3 34	2 30	4 53	1 53	4 30	1 14	15 26	1 11	22 31	0 47	17 48	0 8	19 44	0 51	15 42	16 59	5 18	5 56	14 50		n.a.
T 5	13 50	0s 7	1s 0	3 59	2 27	4 26	1 55	4 14	1 14	15 24	1 12	22 31	0 47	17 49	0 8	19 44	0 51	15 42	16 59	5 18	5 57	14 47		n.a.
W 6	14 10	7 0	2 13	4 26	2 23	4 0	1 57	3 58	1 14	15 21	1 12	22 31	0 47	17 50	0 8	19 44	0 51	15 42	16 58	5 19	5 58	14 43		n.a.
T 7	14 30	13 28	3 17	4 55	2 19	3 33	1 59	3 43	1 14	15 19	1 12	22 30	0 47	17 51	0 8	19 44	0 51	15 43	16 58	5 21	6 0	14 40		n.a.
F 8	14 50	19 9	4 8	5 26	2 14	3 6	2 0	3 27	1 14	15 17	1 12	22 30	0 47	17 52	0 8	19 44	0 51	15 43	16 58	5 24	6 1	14 37		n.a.
S 9	15 10	23 44	4 44	5 58	2 9	2 38	2 2	3 11	1 14	15 15	1 13	22 30	0 47	17 53	0 8	19 44	0 51	15 43	16 58	5 28	6 2	14 34		n.a.
S 10	15 29	26 55	5 2	6 31	2 3	2 11	2 3	2 56	1 13	15 13	1 13	22 30	0 46	17 54	0 8	19 44	0 51	15 43	16 57	5 32	6 3	14 31		n.a.
M11	15 48	28 32	5 4	7 5	1 57	1 43	2 4	2 40	1 13	15 12	1 13	22 29	0 46	17 55	0 8	19 43	0 51	15 43	16 57	5 36	6 4	14 28		n.a.
T 12	16 7	28 33	4 51	7 40	1 51	1 16	2 5	2 24	1 13	15 10	1 13	22 29	0 46	17 56	0 8	19 43	0 51	15 43	16 57	5 39	6 6	14 25		n.a.
W13	16 25	27 7	4 23	8 16	1 44	0 48	2 6	2 8	1 13	15 8	1 14	22 29	0 46	17 57	0 8	19 43	0 51	15 43	16 57	5 42	6 7	14 22		n.a.
T 14	16 43	24 25	3 45	8 52	1 37	0 20	2 7	1 52	1 13	15 6	1 14	22 29	0 46	17 58	0 8	19 43	0 51	15 43	16 56	5 43	6 8	14 19		n.a.
F 15	17 1	20 42	2 57	9 28	1 31	0s 8	2 8	1 37	1 13	15 4	1 14	22 28	0 46	17 59	0 8	19 43	0 51	15 43	16 56	5 44	6 9	14 16		n.a.
S 16	17 19	16 12	2 2	10 5	1 24	0 36	2 9	1 21	1 13	15 3	1 14	22 28	0 46	18 0	0 8	19 42	0 51	15 43	16 56	5 44	6 11	14 13		n.a.
S 17	17 36	11 7	1 2	10 42	1 16	1 4	2 9	1 5	1 12	15 1	1 15	22 28	0 46	18 1	0 8	19 42	0 51	15 43	16 56	5 44	6 12	14 9		n.a.
M18	17 53	5 37	0n 1	11 18	1 9	1 32	2 10	0 49	1 12	15 0	1 15	22 27	0 46	18 2	0 8	19 42	0 51	15 43	16 55	5 44	6 13	14 6		n.a.
T 19	18 10	0n 9	1 5	11 55	1 2	2 1	2 10	0 33	1 12	14 58	1 15	22 27	0 46	18 3	0 8	19 42	0 51	15 43	16 55	5 44	6 14	14 3		n.a.
W20	18 26	6 0	2 7	12 32	0 55	2 29	2 10	0 18	1 12	14 57	1 16	22 27	0 46	18 4	0 8	19 42	0 51	15 43	16 55	5 45	6 16	14 0		n.a.
T 21	18 42	11 46	3 3	13 8	0 47	2 57	2 11	0 2	1 12	14 55	1 16	22 27	0 46	18 5	0 8	19 41	0 51	15 43	16 54	5 47	6 17	13 57		n.a.
F 22	18 58	17 10	3 52	13 44	0 40	3 26	2 11	0s14	1 12	14 54	1 16	22 26	0 46	18 6	0 8	19 41	0 51	15 43	16 54	5 51	6 18	13 54		n.a.
S 23	19 13	21 56	4 30	14 19	0 33	3 54	2 10	0 30	1 11	14 53	1 16	22 26	0 46	18 7	0 8	19 41	0 51	15 43	16 54	5 55	6 19	13 51		n.a.
S 24	19 28	25 40	4 54	14 55	0 26	4 22	2 10	0 46	1 11	14 52	1 17	22 26	0 46	18 8	0 8	19 41	0 51	15 43	16 54	5 59	6 21	13 48		n.a.
M25	19 42	28 0	5 1	15 29	0 18	4 51	2 10	1 1	1 11	14 50	1 17	22 25	0 46	18 9	0 8	19 40	0 51	15 43	16 53	6 4	6 22	13 44		n.a.
T 26	19 57	28 37	4 51	16 4	0 11	5 19	2 10	1 17	1 11	14 49	1 17	22 25	0 45	18 9	0 8	19 40	0 51	15 43	16 53	6 9	6 23	13 41		n.a.
W27	20 10	27 25	4 23	16 37	0 4	5 47	2 9	1 33	1 11	14 48	1 18	22 25	0 45	18 10	0 8	19 40	0 51	15 43	16 53	6 12	6 24	13 38		n.a.
T 28	20 24	24 27	3 39	17 11	0s 3	6 15	2 9	1 49	1 10	14 47	1 18	22 24	0 45	18 11	0 8	19 39	0 51	15 43	16 52	6 15	6 26	13 35		n.a.
F 29	20 37	20 1	2 42	17 43	0 10	6 43	2 8	2 5	1 10	14 46	1 18	22 24	0 45	18 12	0 8	19 39	0 51	15 43	16 52	6 16	6 27	13 32		n.a.
S 30	20s50	14n28	1n35	18s15	0s16	7s11	2n 7	2s20	1n10	14n46	1n19	22n23	0s45	18s13	0n 8	19s39	0s51	15s43	16s52	6s16	6s28	13s29		n.a.

Julian Day Number = 1495637.5, Delta T = 05h11m04s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'39, Lahiri = -12°29'39 Julian Calendar 1 Nov. 619 BCE == Greg. Calendar 25 Oct. 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 619 BCE
geocentric

DECEMBER 619 BCE (-618) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 10 59	2♐54'34	10♍11	21♏32	24♎27	9♎ 8	24♌35	17°R 3	21♏24	6♒51	29°R12	14°R16	13♓43	28♒30	n.a.	S 1
M 2	4 14 55	3°55'51	24°13	23° 4	25°40	9°47	24°38	16♊58	21°28	6°52	29♓11	14♓16	13°40	28°37	n.a.	M 2
T 3	4 18 52	4°57'07	8♎11	24°37	26°53	10°26	24°40	16°53	21°32	6°53	29°11	14°14	13°37	28°43	n.a.	T 3
W 4	4 22 48	5°58'24	22° 4	26°10	28° 6	11° 5	24°43	16°49	21°35	6°55	29°11	14°10	13°34	28°50	n.a.	W 4
T 5	4 26 45	6°59'41	5♏51	27°43	29°19	11°43	24°45	16°44	21°39	6°56	29°10	14° 3	13°31	28°56	n.a.	T 5
F 6	4 30 42	8° 0'57	19°30	29°17	0♏32	12°22	24°48	16°39	21°42	6°57	29°10	13°52	13°27	29° 3	n.a.	F 6
S 7	4 34 38	9° 2'14	2♐57	0♐51	1°45	13° 1	24°50	16°34	21°46	6°59	29°10	13°39	13°24	29°10	n.a.	S 7
S 8	4 38 35	10° 3'30	16° 9	2°26	2°59	13°40	24°52	16°29	21°49	7° 0	29° 9	13°25	13°21	29°16	n.a.	S 8
M 9	4 42 31	11° 4'45	29° 6	4° 1	4°12	14°19	24°53	16°24	21°53	7° 2	29° 9	13°12	13°18	29°23	n.a.	M 9
T 10	4 46 28	12° 6'00	11♑45	5°37	5°25	14°58	24°55	16°19	21°56	7° 3	29° 9	12°59	13°15	29°30	n.a.	T 10
W11	4 50 24	13° 7'14	24° 7	7°13	6°38	15°37	24°56	16°14	22° 0	7° 5	29° 9	12°49	13°12	29°36	n.a.	W11
T 12	4 54 21	14° 8'28	6♒15	8°49	7°52	16°16	24°57	16° 9	22° 3	7° 6	29° 9	12°42	13° 8	29°43	n.a.	T 12
F 13	4 58 18	15° 9'40	18°11	10°26	9° 5	16°55	24°58	16° 4	22° 7	7° 8	29° 8	12°38	13° 5	29°50	n.a.	F 13
S 14	5 2 14	16°10'52	0♓ 0	12° 3	10°19	17°34	24°59	15°59	22°10	7° 9	29° 8	12°36	13° 2	29°56	n.a.	S 14
S 15	5 6 11	17°12'02	11°47	13°41	11°32	18°13	24°59	15°54	22°13	7°11	29° 8	12°36	12°59	0♓ 3	n.a.	S 15
M16	5 10 7	18°13'12	23°38	15°20	12°45	18°52	24°59	15°49	22°17	7°12	29° 8	12°36	12°56	0°10	n.a.	M16
T 17	5 14 4	19°14'20	5♈38	16°59	13°59	19°31	25°R 0	15°45	22°20	7°14	29° 8	12°35	12°52	0°16	n.a.	T 17
W18	5 18 0	20°15'28	17°52	18°39	15°13	20° 9	25° 0	15°40	22°24	7°16	29° 8	12°32	12°49	0°23	n.a.	W18
T 19	5 21 57	21°16'34	0♉26	20°19	16°26	20°48	24°59	15°35	22°27	7°17	29° 8	12°27	12°46	0°30	n.a.	T 19
F 20	5 25 53	22°17'40	13°22	22° 0	17°40	21°27	24°59	15°30	22°30	7°19	29°D 8	12°19	12°43	0°36	n.a.	F 20
S 21	5 29 50	23°18'44	26°43	23°41	18°53	22° 6	24°58	15°25	22°33	7°21	29° 8	12° 8	12°40	0°43	n.a.	S 21
S 22	5 33 47	24°19'47	10♊28	25°23	20° 7	22°45	24°57	15°20	22°37	7°23	29° 8	11°56	12°37	0°50	n.a.	S 22
M23	5 37 43	25°20'49	24°34	27° 6	21°21	23°24	24°56	15°15	22°40	7°24	29° 8	11°44	12°33	0°56	n.a.	M23
T 24	5 41 40	26°21'50	8♋56	28°49	22°34	24° 3	24°55	15°10	22°43	7°26	29° 8	11°33	12°30	1° 3	n.a.	T 24
W25	5 45 36	27°22'50	23°27	0♑32	23°48	24°42	24°54	15° 6	22°46	7°28	29° 8	11°23	12°27	1° 9	n.a.	W25
T 26	5 49 33	28°23'49	8♌ 1	2°17	25° 2	25°20	24°52	15° 1	22°49	7°30	29° 8	11°17	12°24	1°16	n.a.	T 26
F 27	5 53 29	29°24'48	22°31	4° 2	26°15	25°59	24°50	14°56	22°53	7°32	29° 8	11°13	12°21	1°23	n.a.	F 27
S 28	5 57 26	0♑25'45	6♍53	5°47	27°29	26°38	24°48	14°51	22°56	7°34	29° 8	11°D12	12°18	1°29	n.a.	S 28
S 29	6 1 23	1°26'41	21° 5	7°33	28°43	27°17	24°46	14°47	22°59	7°36	29° 9	11°12	12°14	1°36	n.a.	S 29
M30	6 5 19	2°27'36	5♎ 5	9°19	29°57	27°56	24°44	14°42	23° 2	7°38	29° 9	11°R12	12°11	1°43	n.a.	M30
T 31	6 9 16	3♑28'30	18♎52	11♑ 6	1♐11	28♎35	24♌41	14♊38	23♏ 5	7♒39	29♓ 9	11♓11	12♓ 8	1♓49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21s 2	8n11	0n22	18s46	0s23	7s39	2n 6	2s36	1n10	14n45	1n19	22n23	0s45	18s14	0n 8	19s38	0s51	15s42	16s51	6s16	6s29	13s26			n.a.
M 2	21 14	1 32	0s52	19 16	0 30	8 7	2 6	2 52	1 10	14 44	1 19	22 23	0 45	18 15	0 8	19 38	0 51	15 42	16 51	6 16	6 31	13 22			n.a.
T 3	21 25	5s10	2 3	19 46	0 36	8 34	2 5	3 7	1 9	14 43	1 19	22 22	0 45	18 16	0 8	19 38	0 51	15 42	16 51	6 17	6 32	13 19			n.a.
W 4	21 36	11 34	3 5	20 15	0 42	9 2	2 3	3 23	1 9	14 43	1 20	22 22	0 45	18 17	0 8	19 37	0 51	15 42	16 50	6 19	6 33	13 16			n.a.
T 5	21 47	17 22	3 57	20 43	0 48	9 29	2 2	3 39	1 9	14 42	1 20	22 22	0 45	18 18	0 8	19 37	0 51	15 42	16 50	6 22	6 34	13 13			n.a.
F 6	21 57	22 14	4 34	21 10	0 54	9 56	2 1	3 54	1 9	14 42	1 20	22 21	0 45	18 19	0 8	19 37	0 51	15 42	16 50	6 26	6 35	13 10			n.a.
S 7	22 7	25 51	4 55	21 36	1 0	10 23	2 0	4 10	1 8	14 41	1 21	22 21	0 45	18 20	0 8	19 36	0 51	15 42	16 49	6 31	6 37	13 7			n.a.
S 8	22 16	28 0	4 59	22 1	1 6	10 49	1 58	4 25	1 8	14 41	1 21	22 20	0 44	18 21	0 8	19 36	0 51	15 41	16 49	6 36	6 38	13 4			n.a.
M 9	22 25	28 35	4 49	22 25	1 11	11 16	1 57	4 41	1 8	14 41	1 21	22 20	0 44	18 22	0 8	19 36	0 51	15 41	16 49	6 42	6 39	13 0			n.a.
T 10	22 33	27 37	4 24	22 47	1 16	11 42	1 55	4 56	1 7	14 41	1 22	22 19	0 44	18 23	0 8	19 35	0 51	15 41	16 48	6 46	6 40	12 57			n.a.
W11	22 41	25 18	3 46	23 9	1 21	12 8	1 54	5 12	1 7	14 41	1 22	22 19	0 44	18 24	0 8	19 35	0 51	15 41	16 48	6 50	6 42	12 54			n.a.
T 12	22 49	21 52	3 0	23 30	1 26	12 34	1 52	5 27	1 7	14 40	1 22	22 19	0 44	18 25	0 8	19 34	0 51	15 40	16 47	6 53	6 43	12 51			n.a.
F 13	22 56	17 35	2 5	23 49	1 31	12 59	1 50	5 43	1 7	14 40	1 23	22 18	0 44	18 26	0 8	19 34	0 51	15 40	16 47	6 55	6 44	12 48			n.a.
S 14	23 3	12 39	1 6	24 7	1 35	13 24	1 48	5 58	1 6	14 41	1 23	22 18	0 44	18 26	0 8	19 34	0 51	15 40	16 47	6 55	6 45	12 44			n.a.
S 15	23 9	7 18	0 4	24 24	1 39	13 49	1 47	6 13	1 6	14 41	1 23	22 17	0 44	18 27	0 8	19 33	0 51	15 40	16 46	6 55	6 47	12 41			n.a.
M16	23 14	1 40	0n58	24 39	1 43	14 13	1 45	6 29	1 6	14 41	1 24	22 17	0 44	18 28	0 8	19 33	0 51	15 39	16 46	6 55	6 48	12 38			n.a.
T 17	23 20	4n 5	1 59	24 53	1 46	14 38	1 43	6 44	1 5	14 41	1 24	22 17	0 43	18 29	0 8	19 32	0 51	15 39	16 46	6 56	6 49	12 35			n.a.
W18	23 25	9 48	2 55	25 6	1 49	15 1	1 40	6 59	1 5	14 41	1 24	22 16	0 43	18 30	0 8	19 32	0 51	15 39	16 45	6 57	6 50	12 32			n.a.
T 19	23 29	15 17	3 45	25 17	1 52	15 25	1 38	7 14	1 5	14 42	1 24	22 16	0 43	18 31	0 8	19 31	0 51	15 38	16 45	6 59	6 51	12 29			n.a.
F 20	23 33	20 15	4 24	25 26	1 55	15 48	1 36	7 29	1 4	14 42	1 25	22 15	0 43	18 32	0 8	19 31	0 51	15 38	16 45	7 2	6 53	12 25			n.a.
S 21	23 36	24 23	4 50	25 34	1 57	16 11	1 34	7 44	1 4	14 43	1 25	22 15	0 43	18 33	0 8	19 30	0 51	15 38	16 44	7 6	6 54	12 22			n.a.
S 22	23 39	27 17	5 1	25 40	1 59	16 33	1 32	7 59	1 4	14 43	1 25	22 15	0 43	18 33	0 8	19 30	0 51	15 37	16 44	7 11	6 55	12 19			n.a.
M23	23 41	28 33	4 54	25 44	2 0	16 55	1 29	8 14	1 3	14 44	1 26	22 14	0 43	18 34	0 8	19 30	0 51	15 37	16 44	7 15	6 56	12 16			n.a.
T 24	23 43	27 55	4 28	25 47	2 1	17 16	1 27	8 29	1 3	14 45	1 26	22 14	0 43	18 35	0 8	19 29	0 51	15 37	16 43	7 20	6 58	12 13			n.a.
W25	23 45	25 23	3 44	25 48	2 2	17 37	1 24	8 44	1 2	14 45	1 26	22 13	0 42	18 36	0 8	19 29	0 51	15 36	16 43	7 24	6 59	12 9			n.a.
T 26	23 46	21 11	2 46	25 47	2 2	17 58	1 22	8 59	1 2	14 46	1 27	22 13	0 42	18 37	0 8	19 28	0 51	15 36	16 42	7 26	7 0	12 6			n.a.
F 27	23 46	15 44	1 37	25 44	2 1	18 18	1 20	9 13	1 2	14 47	1 27	22 12	0 42	18 37	0 8	19 28	0 51	15 36	16 42	7 27	7 1	12 3			n.a.
S 28	23 46	9 27	0 23	25 39	2 1	18 37	1 17	9 28	1 1	14 48	1 27	22 12	0 42	18 38	0 8	19 27	0 51	15 35	16 42	7 28	7 3	12 0			n.a.
S 29	23 46	2 47	0s52	25 32	1 59	18 57	1 14	9 42	1 1	14 49	1 28	22 12	0 42	18 39	0 8	19 27	0 51	15 35	16 41	7 28	7 4	11 56			n.a.
M30	23 45	3s56	2 3	25 23	1 57	19 15	1 12	9 57	1 0	14 50	1 28	22 11	0 42	18 40	0 8	19 26	0 51	15 34	16 41	7 28	7 5	11 53			n.a.
T 31	23s44	10s21	3s 6	25s12	1s55	19s33	1n 9	10s11	1n 0	14n51	1n28	22n11	0s42	18s41	0n 8	19s26	0s51	15s34	16s41	7s28	7s 6	11s50			n.a.

Julian Day Number = 1495667.5, Delta T = 05h11m03s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'35, Lahiri = -12°29'35 Julian Calendar 1 Dec. 619 BCE == Greg. Calendar 24 Nov. 619 BCE

The year -618 astronomical counting style corresponds to year 619 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

JANUARY 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 13 12	4♑29'24	2♏29	12♑53	2♐24	29♎14	24°R39	14°R33	23♏ 8	7♒41	29♓ 9	11°R 8	12♓ 5	1♓56	n.a.	W 1
T 2	6 17 9	5°30'16	15°54	14°40	3°38	29°52	24♌36	14♊29	23°11	7°43	29°10	11♓ 2	12° 2	2° 3	n.a.	T 2
F 3	6 21 5	6°31'07	29° 8	16°27	4°52	0♏31	24°33	14°24	23°14	7°45	29°10	10°53	11°58	2° 9	n.a.	F 3
S 4	6 25 2	7°31'57	12♐10	18°13	6° 6	1°10	24°29	14°20	23°16	7°47	29°10	10°43	11°55	2°16	n.a.	S 4
S 5	6 28 58	8°32'46	25° 1	20° 0	7°20	1°49	24°26	14°15	23°19	7°49	29°10	10°31	11°52	2°23	n.a.	S 5
M 6	6 32 55	9°33'34	7♑39	21°46	8°34	2°28	24°22	14°11	23°22	7°52	29°11	10°19	11°49	2°29	n.a.	M 6
T 7	6 36 52	10°34'19	20° 4	23°31	9°48	3° 6	24°18	14° 7	23°25	7°54	29°11	10° 9	11°46	2°36	n.a.	T 7
W 8	6 40 48	11°35'04	2♒17	25°15	11° 2	3°45	24°14	14° 3	23°28	7°56	29°12	10° 0	11°43	2°43	n.a.	W 8
T 9	6 44 45	12°35'46	14°19	26°57	12°16	4°24	24°10	13°59	23°30	7°58	29°12	9°54	11°39	2°49	n.a.	T 9
F 10	6 48 41	13°36'27	26°12	28°38	13°29	5° 3	24° 6	13°55	23°33	8° 0	29°12	9°51	11°36	2°56	n.a.	F 10
S 11	6 52 38	14°37'06	8♓ 0	0♒16	14°43	5°41	24° 1	13°51	23°36	8° 2	29°13	9°D49	11°33	3° 2	n.a.	S 11
S 12	6 56 34	15°37'43	19°46	1°51	15°57	6°20	23°57	13°47	23°38	8° 4	29°13	9°50	11°30	3° 9	n.a.	S 12
M13	7 0 31	16°38'19	1♈35	3°23	17°11	6°59	23°52	13°43	23°41	8° 6	29°14	9°51	11°27	3°16	n.a.	M13
T 14	7 4 27	17°38'52	13°34	4°50	18°25	7°38	23°47	13°40	23°43	8° 8	29°14	9°R52	11°24	3°22	n.a.	T 14
W15	7 8 24	18°39'23	25°46	6°13	19°39	8°16	23°42	13°36	23°46	8°11	29°15	9°52	11°20	3°29	n.a.	W15
T 16	7 12 21	19°39'53	8♉17	7°31	20°53	8°55	23°37	13°33	23°48	8°13	29°16	9°50	11°17	3°36	n.a.	T 16
F 17	7 16 17	20°40'20	21°11	8°42	22° 7	9°34	23°31	13°29	23°51	8°15	29°16	9°46	11°14	3°42	n.a.	F 17
S 18	7 20 14	21°40'45	4♊33	9°47	23°21	10°12	23°26	13°26	23°53	8°17	29°17	9°40	11°11	3°49	n.a.	S 18
S 19	7 24 10	22°41'09	18°22	10°45	24°35	10°51	23°20	13°23	23°55	8°19	29°17	9°33	11° 8	3°56	n.a.	S 19
M20	7 28 7	23°41'31	2♋37	11°34	25°49	11°29	23°14	13°19	23°58	8°22	29°18	9°25	11° 4	4° 2	n.a.	M20
T 21	7 32 3	24°41'50	17°14	12°15	27° 3	12° 8	23° 8	13°16	24° 0	8°24	29°19	9°18	11° 1	4° 9	n.a.	T 21
W22	7 36 0	25°42'08	2♌ 6	12°47	28°17	12°46	23° 2	13°13	24° 2	8°26	29°19	9°12	10°58	4°16	n.a.	W22
T 23	7 39 56	26°42'23	17° 4	13° 9	29°31	13°25	22°56	13°10	24° 4	8°28	29°20	9° 8	10°55	4°22	n.a.	T 23
F 24	7 43 53	27°42'37	2♍ 0	13°22	0♑45	14° 4	22°50	13° 8	24° 6	8°30	29°21	9°D 6	10°52	4°29	n.a.	F 24
S 25	7 47 50	28°42'49	16°46	13°R25	1°58	14°42	22°43	13° 5	24° 8	8°33	29°22	9° 6	10°49	4°36	n.a.	S 25
S 26	7 51 46	29°43'00	1♎17	13°18	3°12	15°21	22°37	13° 2	24°10	8°35	29°22	9° 7	10°45	4°42	n.a.	S 26
M27	7 55 43	0♒43'08	15°29	13° 2	4°26	15°59	22°30	13° 0	24°12	8°37	29°23	9° 9	10°42	4°49	n.a.	M27
T 28	7 59 39	1°43'16	29°21	12°37	5°40	16°37	22°23	12°57	24°14	8°39	29°24	9°R 9	10°39	4°55	n.a.	T 28
W29	8 3 36	2°43'21	12♏54	12° 4	6°54	17°16	22°16	12°55	24°16	8°42	29°25	9° 9	10°36	5° 2	n.a.	W29
T 30	8 7 32	3°43'25	26° 9	11°23	8° 8	17°54	22° 9	12°53	24°18	8°44	29°26	9° 7	10°33	5° 9	n.a.	T 30
F 31	8 11 29	4♒43'27	9♐ 8	10♒36	9♑22	18♏33	22♌ 2	12♊51	24♏20	8♒46	29♓26	9♓ 3	10♓30	5♓15	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s42	16 s12	3 s57	25 s 0	1 s52	19 s51	1n 6	10 s26	0n59	14n53	1n28	22n10	0 s42	18 s41	0n 8	19 s25	0 s51	15 s34	16 s40	7 s29	7 s 7	11 s47			n.a.
T 2	23 39	21 12	4 35	24 45	1 48	20 8	1 4	10 40	0 59	14 54	1 29	22 10	0 41	18 42	0 8	19 25	0 51	15 33	16 40	7 32	7 9	11 44			n.a.
F 3	23 37	25 4	4 57	24 28	1 44	20 24	1 1	10 54	0 58	14 55	1 29	22 10	0 41	18 43	0 8	19 24	0 51	15 33	16 40	7 35	7 10	11 40			n.a.
S 4	23 33	27 34	5 3	24 8	1 39	20 40	0 58	11 8	0 58	14 57	1 29	22 9	0 41	18 44	0 8	19 23	0 51	15 32	16 39	7 39	7 11	11 37			n.a.
S 5	23 30	28 34	4 54	23 47	1 33	20 56	0 55	11 22	0 57	14 58	1 30	22 9	0 41	18 44	0 8	19 23	0 51	15 32	16 39	7 44	7 12	11 34			n.a.
M 6	23 25	28 2	4 30	23 24	1 26	21 10	0 53	11 36	0 57	14 59	1 30	22 9	0 41	18 45	0 8	19 22	0 51	15 31	16 38	7 48	7 14	11 31			n.a.
T 7	23 21	26 6	3 54	23 0	1 19	21 24	0 50	11 50	0 56	15 1	1 30	22 8	0 41	18 46	0 8	19 22	0 51	15 31	16 38	7 52	7 15	11 27			n.a.
W 8	23 16	22 57	3 7	22 33	1 11	21 38	0 47	12 4	0 56	15 3	1 30	22 8	0 41	18 46	0 8	19 21	0 51	15 30	16 38	7 55	7 16	11 24			n.a.
T 9	23 10	18 52	2 12	22 5	1 2	21 51	0 44	12 18	0 55	15 4	1 31	22 8	0 40	18 47	0 8	19 21	0 51	15 30	16 37	7 58	7 17	11 21			n.a.
F 10	23 4	14 6	1 13	21 35	0 53	22 3	0 41	12 31	0 55	15 6	1 31	22 7	0 40	18 48	0 8	19 20	0 51	15 29	16 37	7 59	7 19	11 18			n.a.
S 11	22 57	8 50	0 10	21 4	0 42	22 15	0 38	12 45	0 54	15 8	1 31	22 7	0 40	18 49	0 8	19 20	0 51	15 29	16 37	8 0	7 20	11 14			n.a.
S 12	22 51	3 18	0n53	20 32	0 31	22 26	0 36	12 58	0 54	15 10	1 32	22 7	0 40	18 49	0 8	19 19	0 51	15 28	16 36	7 59	7 21	11 11			n.a.
M13	22 43	2n23	1 55	19 59	0 19	22 36	0 33	13 12	0 53	15 11	1 32	22 6	0 40	18 50	0 8	19 19	0 51	15 28	16 36	7 59	7 22	11 8			n.a.
T 14	22 35	8 3	2 52	19 26	0 7	22 46	0 30	13 25	0 53	15 13	1 32	22 6	0 40	18 50	0 8	19 18	0 51	15 27	16 36	7 59	7 23	11 5			n.a.
W15	22 27	13 31	3 42	18 52	0n 7	22 55	0 27	13 38	0 52	15 15	1 32	22 6	0 40	18 51	0 8	19 17	0 51	15 27	16 35	7 59	7 25	11 1			n.a.
T 16	22 18	18 36	4 23	18 18	0 21	23 3	0 24	13 51	0 51	15 17	1 33	22 5	0 39	18 52	0 8	19 17	0 51	15 26	16 35	7 59	7 26	10 58			n.a.
F 17	22 9	23 0	4 52	17 46	0 36	23 11	0 21	14 4	0 51	15 19	1 33	22 5	0 39	18 52	0 8	19 16	0 51	15 26	16 35	8 1	7 27	10 55			n.a.
S 18	22 0	26 22	5 7	17 13	0 51	23 18	0 18	14 17	0 50	15 21	1 33	22 5	0 39	18 53	0 8	19 16	0 51	15 25	16 34	8 3	7 28	10 52			n.a.
S 19	21 50	28 19	5 5	16 43	1 7	23 24	0 16	14 30	0 49	15 24	1 33	22 5	0 39	18 53	0 8	19 15	0 51	15 25	16 34	8 6	7 30	10 48			n.a.
M20	21 40	28 28	4 44	16 14	1 23	23 30	0 13	14 43	0 49	15 26	1 33	22 4	0 39	18 54	0 8	19 14	0 51	15 24	16 34	8 9	7 31	10 45			n.a.
T 21	21 29	26 40	4 4	15 47	1 39	23 35	0 10	14 56	0 48	15 28	1 34	22 4	0 39	18 55	0 8	19 14	0 51	15 23	16 33	8 12	7 32	10 42			n.a.
W22	21 18	23 0	3 7	15 23	1 55	23 39	0 7	15 8	0 47	15 30	1 34	22 4	0 38	18 55	0 8	19 13	0 51	15 23	16 33	8 14	7 33	10 39			n.a.
T 23	21 6	17 47	1 57	15 1	2 11	23 42	0 4	15 20	0 47	15 33	1 34	22 4	0 38	18 56	0 8	19 13	0 51	15 22	16 33	8 15	7 34	10 35			n.a.
F 24	20 54	11 30	0 38	14 43	2 26	23 45	0 1	15 33	0 46	15 35	1 34	22 4	0 38	18 56	0 8	19 12	0 51	15 22	16 32	8 16	7 36	10 32			n.a.
S 25	20 42	4 39	0 s42	14 27	2 41	23 47	0 s 1	15 45	0 45	15 37	1 35	22 3	0 38	18 57	0 8	19 12	0 51	15 21	16 32	8 16	7 37	10 29			n.a.
S 26	20 30	2 s19	1 58	14 16	2 55	23 48	0 4	15 57	0 45	15 40	1 35	22 3	0 38	18 57	0 8	19 11	0 51	15 21	16 32	8 16	7 38	10 25			n.a.
M27	20 17	9 1	3 5	14 8	3 8	23 49	0 7	16 9	0 44	15 42	1 35	22 3	0 38	18 58	0 8	19 10	0 51	15 20	16 31	8 15	7 39	10 22			n.a.
T 28	20 3	15 7	4 0	14 4	3 19	23 49	0 10	16 21	0 43	15 44	1 35	22 3	0 37	18 58	0 8	19 10	0 51	15 19	16 31	8 15	7 41	10 19			n.a.
W29	19 49	20 21	4 40	14 4	3 30	23 48	0 12	16 33	0 42	15 47	1 35	22 3	0 37	18 59	0 8	19 9	0 51	15 19	16 31	8 15	7 42	10 16			n.a.
T 30	19 35	24 28	5 4	14 7	3 38	23 46	0 15	16 44	0 42	15 49	1 35	22 3	0 37	18 59	0 8	19 9	0 51	15 18	16 31	8 16	7 43	10 12			n.a.
F 31	19 s21	27 s15	5 s12	14 s13	3n45	23 s44	0 s18	16 s56	0n41	15n52	1n36	22n 3	0 s37	19 s 0	0n 8	19 s 8	0 s51	15 s18	16 s30	8 s17	7 s44	10 s 9			n.a.

Julian Day Number = 1495698.5, Delta T = 05h11m01s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'31, Lahiri = -12°29'30 Julian Calendar 1 Jan. 618 BCE == Greg. Calendar 25 Dec. 619 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

FEBRUARY 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 15 25	5♒43'27	21♐52	9°R44	10♉36	19♏11	21°R55	12°R49	24♏21	8♒49	29♓27	8°R58	10♓26	5♓22	n.a.	S 1
S 2	8 19 22	6°43'26	4♉23	8♒47	11°50	19°49	21♌48	12♊47	24°23	8°51	29°28	8♓52	10°23	5°29	n.a.	S 2
M 3	8 23 19	7°43'22	16°43	7°48	13° 4	20°28	21°40	12°45	24°25	8°53	29°29	8°47	10°20	5°35	n.a.	M 3
T 4	8 27 15	8°43'17	28°53	6°48	14°18	21° 6	21°33	12°43	24°26	8°55	29°30	8°41	10°17	5°42	n.a.	T 4
W 5	8 31 12	9°43'09	10♒54	5°49	15°32	21°44	21°26	12°42	24°28	8°58	29°31	8°37	10°14	5°49	n.a.	W 5
T 6	8 35 8	10°43'00	22°48	4°51	16°46	22°22	21°18	12°40	24°29	9° 0	29°32	8°35	10°10	5°55	n.a.	T 6
F 7	8 39 5	11°42'48	4♓38	3°55	18° 0	23° 1	21°11	12°39	24°31	9° 2	29°33	8°D34	10° 7	6° 2	n.a.	F 7
S 8	8 43 1	12°42'34	16°24	3° 3	19°14	23°39	21° 3	12°37	24°32	9° 4	29°34	8°34	10° 4	6° 9	n.a.	S 8
S 9	8 46 58	13°42'17	28°11	2°16	20°28	24°17	20°55	12°36	24°34	9° 7	29°35	8°35	10° 1	6°15	n.a.	S 9
M10	8 50 54	14°41'58	10♈ 2	1°34	21°42	24°55	20°48	12°35	24°35	9° 9	29°36	8°37	9°58	6°22	n.a.	M10
T 11	8 54 51	15°41'37	22° 1	0°57	22°56	25°33	20°40	12°34	24°36	9°11	29°37	8°38	9°55	6°29	n.a.	T 11
W12	8 58 48	16°41'14	4♉12	0°27	24°10	26°11	20°32	12°33	24°37	9°13	29°38	8°40	9°51	6°35	n.a.	W12
T 13	9 2 44	17°40'48	16°40	0° 2	25°24	26°49	20°24	12°33	24°39	9°16	29°39	8°R40	9°48	6°42	n.a.	T 13
F 14	9 6 41	18°40'20	29°30	29♉44	26°37	27°27	20°17	12°32	24°40	9°18	29°40	8°40	9°45	6°48	n.a.	F 14
S 15	9 10 37	19°39'50	12♊45	29°32	27°51	28° 5	20° 9	12°32	24°41	9°20	29°41	8°39	9°42	6°55	n.a.	S 15
S 16	9 14 34	20°39'17	26°27	29°D27	29° 5	28°43	20° 1	12°31	24°42	9°23	29°42	8°37	9°39	7° 2	n.a.	S 16
M17	9 18 30	21°38'41	10♋38	29°27	0♒19	29°20	19°53	12°31	24°43	9°25	29°43	8°34	9°36	7° 8	n.a.	M17
T 18	9 22 27	22°38'04	25°13	29°33	1°33	29°58	19°46	12°31	24°44	9°27	29°44	8°32	9°32	7°15	n.a.	T 18
W19	9 26 23	23°37'23	10♌ 9	29°44	2°47	0♐36	19°38	12°D31	24°44	9°29	29°46	8°31	9°29	7°22	n.a.	W19
T 20	9 30 20	24°36'41	25°18	0♒ 1	4° 1	1°14	19°30	12°31	24°45	9°31	29°47	8°30	9°26	7°28	n.a.	T 20
F 21	9 34 17	25°35'56	10♍30	0°23	5°15	1°51	19°22	12°31	24°46	9°34	29°48	8°D29	9°23	7°35	n.a.	F 21
S 22	9 38 13	26°35'10	25°35	0°49	6°29	2°29	19°15	12°31	24°47	9°36	29°49	8°30	9°20	7°42	n.a.	S 22
S 23	9 42 10	27°34'21	10♎26	1°21	7°42	3° 7	19° 7	12°32	24°47	9°38	29°50	8°30	9°16	7°48	n.a.	S 23
M24	9 46 6	28°33'30	24°56	1°56	8°56	3°44	18°59	12°32	24°48	9°40	29°51	8°31	9°13	7°55	n.a.	M24
T 25	9 50 3	29°32'37	9♏ 2	2°35	10°10	4°22	18°52	12°33	24°48	9°42	29°53	8°32	9°10	8° 2	n.a.	T 25
W26	9 53 59	0♓31'43	22°43	3°18	11°24	4°59	18°44	12°33	24°49	9°45	29°54	8°32	9° 7	8° 8	n.a.	W26
T 27	9 57 56	1°30'47	5♐59	4° 5	12°38	5°36	18°37	12°34	24°49	9°47	29°55	8°R33	9° 4	8°15	n.a.	T 27
F 28	10 1 52	2♓29'49	18♐53	4♒55	13♒52	6♐14	18♌30	12♊35	24♏50	9♒49	29♓56	8♓32	9♓ 1	8♓22	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 6	28s34	5s 4	14s23	3n49	23s41	0s20	17s 7	0n40	15n54	1n36	22n 2	0s37	19s 0	0n 8	19s 7	0s51	15s17	16s30	8s19	7s45	10s 6		n.a.
S 2	18 51	28 23	4 42	14 35	3 52	23 37	0 23	17 19	0 39	15 57	1 36	22 2	0 37	19 0	0 8	19 7	0 51	15 16	16 30	8 21	7 47	10 2		n.a.
M 3	18 36	26 47	4 6	14 50	3 52	23 33	0 25	17 30	0 38	15 59	1 36	22 2	0 37	19 1	0 8	19 6	0 51	15 16	16 29	8 23	7 48	9 59		n.a.
T 4	18 20	23 56	3 21	15 7	3 50	23 27	0 28	17 41	0 38	16 2	1 36	22 2	0 36	19 1	0 8	19 6	0 51	15 15	16 29	8 25	7 49	9 56		n.a.
W 5	18 4	20 5	2 26	15 25	3 46	23 21	0 30	17 52	0 37	16 5	1 36	22 2	0 36	19 2	0 8	19 5	0 51	15 14	16 29	8 27	7 50	9 53		n.a.
T 6	17 47	15 27	1 26	15 45	3 41	23 15	0 33	18 3	0 36	16 7	1 37	22 2	0 36	19 2	0 7	19 4	0 51	15 14	16 29	8 28	7 51	9 49		n.a.
F 7	17 31	10 17	0 22	16 5	3 33	23 8	0 35	18 13	0 35	16 10	1 37	22 2	0 36	19 2	0 7	19 4	0 51	15 13	16 28	8 28	7 53	9 46		n.a.
S 8	17 14	4 47	0n43	16 26	3 25	23 0	0 38	18 24	0 34	16 12	1 37	22 2	0 36	19 3	0 7	19 3	0 51	15 13	16 28	8 28	7 54	9 43		n.a.
S 9	16 57	0n53	1 46	16 47	3 14	22 51	0 40	18 34	0 33	16 15	1 37	22 2	0 36	19 3	0 7	19 3	0 51	15 12	16 28	8 28	7 55	9 39		n.a.
M10	16 39	6 33	2 45	17 7	3 3	22 41	0 42	18 44	0 32	16 17	1 37	22 2	0 35	19 3	0 7	19 2	0 51	15 11	16 27	8 27	7 56	9 36		n.a.
T 11	16 21	12 2	3 37	17 27	2 51	22 31	0 44	18 55	0 31	16 20	1 37	22 2	0 35	19 4	0 7	19 1	0 51	15 11	16 27	8 27	7 58	9 33		n.a.
W12	16 3	17 10	4 21	17 46	2 38	22 21	0 47	19 5	0 30	16 23	1 37	22 2	0 35	19 4	0 7	19 1	0 51	15 10	16 27	8 26	7 59	9 29		n.a.
T 13	15 45	21 43	4 53	18 5	2 24	22 9	0 49	19 15	0 29	16 25	1 37	22 2	0 35	19 4	0 7	19 0	0 51	15 9	16 27	8 26	8 0	9 26		n.a.
F 14	15 26	25 24	5 12	18 22	2 10	21 57	0 51	19 24	0 28	16 28	1 37	22 2	0 35	19 5	0 7	19 0	0 51	15 9	16 26	8 26	8 1	9 23		n.a.
S 15	15 7	27 51	5 15	18 39	1 56	21 45	0 53	19 34	0 27	16 30	1 37	22 3	0 35	19 5	0 7	18 59	0 51	15 8	16 26	8 26	8 2	9 19		n.a.
S 16	14 48	28 44	5 1	18 54	1 42	21 31	0 55	19 43	0 26	16 33	1 37	22 3	0 34	19 5	0 7	18 58	0 51	15 7	16 26	8 27	8 4	9 16		n.a.
M17	14 29	27 48	4 28	19 7	1 27	21 17	0 57	19 53	0 25	16 36	1 38	22 3	0 34	19 5	0 7	18 58	0 51	15 7	16 26	8 28	8 5	9 13		n.a.
T 18	14 10	24 57	3 37	19 20	1 13	21 3	0 59	20 2	0 24	16 38	1 38	22 3	0 34	19 6	0 7	18 57	0 51	15 6	16 26	8 29	8 6	9 10		n.a.
W19	13 50	20 21	2 31	19 31	0 59	20 48	1 1	20 11	0 23	16 41	1 38	22 3	0 34	19 6	0 7	18 57	0 51	15 5	16 25	8 30	8 7	9 6		n.a.
T 20	13 30	14 24	1 12	19 41	0 46	20 32	1 2	20 20	0 22	16 43	1 38	22 3	0 34	19 6	0 7	18 56	0 51	15 5	16 25	8 30	8 8	9 3		n.a.
F 21	13 10	7 34	0s11	19 49	0 32	20 15	1 4	20 29	0 21	16 46	1 38	22 3	0 34	19 6	0 7	18 55	0 51	15 4	16 25	8 30	8 10	9 0		n.a.
S 22	12 50	0 21	1 33	19 56	0 20	19 59	1 6	20 38	0 20	16 48	1 38	22 4	0 33	19 6	0 7	18 55	0 51	15 3	16 25	8 30	8 11	8 56		n.a.
S 23	12 29	6s45	2 48	20 2	0 7	19 41	1 8	20 46	0 18	16 51	1 38	22 4	0 33	19 7	0 7	18 54	0 51	15 3	16 25	8 30	8 12	8 53		n.a.
M24	12 8	13 21	3 50	20 5	0s 5	19 23	1 9	20 55	0 17	16 53	1 38	22 4	0 33	19 7	0 7	18 54	0 51	15 2	16 24	8 29	8 13	8 50		n.a.
T 25	11 47	19 4	4 37	20 8	0 17	19 4	1 11	21 3	0 16	16 55	1 38	22 4	0 33	19 7	0 7	18 53	0 51	15 2	16 24	8 29	8 15	8 46		n.a.
W26	11 26	23 37	5 6	20 9	0 28	18 45	1 12	21 11	0 15	16 58	1 38	22 5	0 33	19 7	0 7	18 53	0 51	15 1	16 24	8 29	8 16	8 43		n.a.
T 27	11 5	26 48	5 17	20 8	0 39	18 25	1 13	21 19	0 14	17 0	1 38	22 5	0 33	19 7	0 7	18 52	0 51	15 0	16 24	8 29	8 17	8 40		n.a.
F 28	10s44	28s29	5s12	20s 6	0s49	18s 5	1s15	21s27	0n12	17n 2	1n38	22n 5	0s32	19s 7	0n 7	18s51	0s51	15s 0	16s24	8s29	8s18	8s36		n.a.

Julian Day Number = 1495729.5, Delta T = 05h11m00s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'27, Lahiri = -12°29'26 Julian Calendar 1 Feb. 618 BCE == Greg. Calendar 25 Jan. 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

MARCH 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 5 49	3♓28'49	1♉29	5♒48	15♒ 6	6♐51	18°R22	12♊36	24♏50	9♒51	29♓58	8°R32	8♓57	8♓28	n.a.	S 1
S 2	10 9 45	4°27'47	13°48	6°44	16°19	7°28	18♌15	12°37	24°50	9°53	29°59	8♓31	8°54	8°35	n.a.	S 2
M 3	10 13 42	5°26'43	25°56	7°44	17°33	8° 5	18° 8	12°39	24°51	9°55	0♈ 0	8°31	8°51	8°41	n.a.	M 3
T 4	10 17 39	6°25'37	7♒55	8°46	18°47	8°42	18° 1	12°40	24°51	9°57	0° 1	8°30	8°48	8°48	n.a.	T 4
W 5	10 21 35	7°24'29	19°47	9°50	20° 1	9°19	17°54	12°41	24°51	9°59	0° 3	8°30	8°45	8°55	n.a.	W 5
T 6	10 25 32	8°23'20	1♓35	10°57	21°15	9°56	17°47	12°43	24°51	10° 1	0° 4	8°30	8°41	9° 1	n.a.	T 6
F 7	10 29 28	9°22'07	13°22	12° 7	22°29	10°33	17°40	12°45	24°R51	10° 3	0° 5	8°30	8°38	9° 8	n.a.	F 7
S 8	10 33 25	10°20'53	25°10	13°18	23°42	11°10	17°33	12°46	24°51	10° 5	0° 7	8°30	8°35	9°15	n.a.	S 8
S 9	10 37 21	11°19'37	7♈ 1	14°32	24°56	11°47	17°27	12°48	24°51	10° 7	0° 8	8°30	8°32	9°21	n.a.	S 9
M10	10 41 18	12°18'18	18°57	15°48	26°10	12°23	17°20	12°50	24°51	10° 9	0° 9	8°30	8°29	9°28	n.a.	M10
T 11	10 45 14	13°16'57	1♉ 1	17° 6	27°24	13° 0	17°14	12°53	24°50	10°11	0°10	8°29	8°26	9°35	n.a.	T 11
W12	10 49 11	14°15'34	13°17	18°26	28°38	13°37	17° 7	12°55	24°50	10°13	0°12	8°28	8°22	9°41	n.a.	W12
T 13	10 53 7	15°14'09	25°48	19°48	29°51	14°13	17° 1	12°57	24°50	10°15	0°13	8°28	8°19	9°48	n.a.	T 13
F 14	10 57 4	16°12'42	8♊36	21°12	1♓ 5	14°49	16°55	12°59	24°50	10°17	0°14	8°27	8°16	9°55	n.a.	F 14
S 15	11 1 1	17°11'12	21°45	22°38	2°19	15°26	16°49	13° 2	24°49	10°19	0°16	8°D27	8°13	10° 1	n.a.	S 15
S 16	11 4 57	18° 9'40	5♋19	24° 6	3°33	16° 2	16°43	13° 5	24°49	10°21	0°17	8°28	8°10	10° 8	n.a.	S 16
M17	11 8 54	19° 8'06	19°17	25°35	4°46	16°38	16°38	13° 7	24°48	10°23	0°19	8°28	8° 7	10°14	n.a.	M17
T 18	11 12 50	20° 6'29	3♌40	27° 6	6° 0	17°14	16°32	13°10	24°48	10°25	0°20	8°29	8° 3	10°21	n.a.	T 18
W19	11 16 47	21° 4'50	18°25	28°39	7°14	17°50	16°27	13°13	24°47	10°27	0°21	8°30	8° 0	10°28	n.a.	W19
T 20	11 20 43	22° 3'09	3♍26	0♓14	8°28	18°26	16°22	13°16	24°46	10°29	0°23	8°R31	7°57	10°34	n.a.	T 20
F 21	11 24 40	23° 1'26	18°37	1°50	9°41	19° 1	16°17	13°19	24°46	10°30	0°24	8°31	7°54	10°41	n.a.	F 21
S 22	11 28 36	23°59'40	3♎48	3°29	10°55	19°37	16°12	13°22	24°45	10°32	0°25	8°30	7°51	10°48	n.a.	S 22
S 23	11 32 33	24°57'53	18°48	5° 8	12° 9	20°13	16° 7	13°26	24°44	10°34	0°27	8°28	7°47	10°54	n.a.	S 23
M24	11 36 30	25°56'05	3♏31	6°50	13°23	20°48	16° 2	13°29	24°43	10°36	0°28	8°26	7°44	11° 1	n.a.	M24
T 25	11 40 26	26°54'14	17°49	8°34	14°36	21°23	15°58	13°33	24°42	10°37	0°29	8°24	7°41	11° 8	n.a.	T 25
W26	11 44 23	27°52'22	1♐41	10°19	15°50	21°59	15°54	13°36	24°42	10°39	0°31	8°21	7°38	11°14	n.a.	W26
T 27	11 48 19	28°50'29	15° 4	12° 6	17° 4	22°34	15°50	13°40	24°41	10°41	0°32	8°20	7°35	11°21	n.a.	T 27
F 28	11 52 16	29°48'34	28° 2	13°55	18°17	23° 9	15°46	13°44	24°40	10°42	0°34	8°D19	7°32	11°28	n.a.	F 28
S 29	11 56 12	0♈46'37	10♉36	15°45	19°31	23°44	15°42	13°48	24°38	10°44	0°35	8°20	7°28	11°34	n.a.	S 29
S 30	12 0 9	1°44'39	22°53	17°37	20°45	24°18	15°38	13°52	24°37	10°46	0°36	8°21	7°25	11°41	n.a.	S 30
M31	12 4 5	2♈42'40	4♒55	19♓31	21♓59	24♐53	15♌35	13♊56	24♏36	10♒47	0♈38	8♓22	7♓22	11♓48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s22	28s38	4s53	20s 2	0s59	17s45	1s16	21s34	0n11	17n 5	1n38	22n 5	0s32	19s 7	0n 7	18s51	0s51	14s59	16s23	8s29	8s19	8s33		n.a.
S 2	10 0	27 21	4 19	19 57	1 8	17 23	1 17	21 42	0 10	17 7	1 38	22 6	0 32	19 7	0 7	18 50	0 51	14 58	16 23	8 29	8 21	8 30		n.a.
M 3	9 39	24 47	3 35	19 50	1 17	17 2	1 18	21 49	0 9	17 9	1 38	22 6	0 32	19 7	0 7	18 50	0 51	14 58	16 23	8 29	8 22	8 26		n.a.
T 4	9 17	21 9	2 42	19 41	1 25	16 40	1 19	21 57	0 7	17 11	1 38	22 6	0 32	19 7	0 7	18 49	0 51	14 57	16 23	8 30	8 23	8 23		n.a.
W 5	8 55	16 42	1 42	19 31	1 33	16 17	1 20	22 4	0 6	17 14	1 38	22 7	0 32	19 7	0 7	18 49	0 51	14 56	16 23	8 30	8 24	8 20		n.a.
T 6	8 32	11 39	0 38	19 20	1 40	15 54	1 21	22 11	0 4	17 16	1 37	22 7	0 31	19 7	0 7	18 48	0 51	14 56	16 23	8 30	8 25	8 16		n.a.
F 7	8 10	6 13	0n27	19 7	1 47	15 30	1 22	22 17	0 3	17 18	1 37	22 7	0 31	19 7	0 7	18 48	0 51	14 55	16 23	8 30	8 27	8 13		n.a.
S 8	7 47	0 33	1 31	18 52	1 53	15 7	1 23	22 24	0 2	17 20	1 37	22 8	0 31	19 7	0 7	18 47	0 51	14 54	16 22	8 30	8 28	8 9		n.a.
S 9	7 25	5n 8	2 32	18 36	1 59	14 42	1 24	22 31	0 0	17 22	1 37	22 8	0 31	19 7	0 7	18 47	0 51	14 54	16 22	8 30	8 29	8 6		n.a.
M10	7 2	10 42	3 26	18 18	2 4	14 18	1 25	22 37	0s 1	17 24	1 37	22 9	0 31	19 7	0 7	18 46	0 51	14 53	16 22	8 30	8 30	8 3		n.a.
T 11	6 40	15 55	4 12	17 58	2 9	13 53	1 25	22 43	0 3	17 26	1 37	22 9	0 31	19 7	0 7	18 46	0 51	14 52	16 22	8 30	8 31	7 59		n.a.
W12	6 17	20 36	4 47	17 37	2 13	13 27	1 26	22 49	0 4	17 27	1 37	22 9	0 31	19 7	0 7	18 45	0 51	14 52	16 22	8 30	8 33	7 56		n.a.
T 13	5 54	24 29	5 10	17 14	2 17	13 1	1 26	22 55	0 6	17 29	1 37	22 10	0 30	19 7	0 7	18 45	0 51	14 51	16 22	8 31	8 34	7 53		n.a.
F 14	5 31	27 16	5 17	16 50	2 20	12 35	1 27	23 1	0 7	17 31	1 37	22 10	0 30	19 7	0 7	18 44	0 52	14 51	16 22	8 31	8 35	7 49		n.a.
S 15	5 8	28 39	5 9	16 24	2 22	12 9	1 27	23 7	0 9	17 33	1 37	22 11	0 30	19 7	0 7	18 44	0 52	14 50	16 22	8 31	8 36	7 46		n.a.
S 16	4 45	28 23	4 43	15 56	2 24	11 42	1 27	23 12	0 11	17 34	1 37	22 11	0 30	19 7	0 7	18 43	0 52	14 49	16 21	8 31	8 37	7 43		n.a.
M17	4 21	26 20	4 1	15 27	2 26	11 15	1 28	23 17	0 12	17 36	1 36	22 12	0 30	19 7	0 7	18 43	0 52	14 49	16 21	8 30	8 39	7 39		n.a.
T 18	3 58	22 32	3 2	14 57	2 27	10 48	1 28	23 23	0 14	17 38	1 36	22 12	0 30	19 7	0 7	18 42	0 52	14 48	16 21	8 30	8 40	7 36		n.a.
W19	3 35	17 15	1 49	14 24	2 27	10 20	1 28	23 28	0 15	17 39	1 36	22 13	0 29	19 7	0 7	18 42	0 52	14 47	16 21	8 30	8 41	7 33		n.a.
T 20	3 12	10 49	0 28	13 50	2 27	9 52	1 28	23 33	0 17	17 41	1 36	22 13	0 29	19 6	0 7	18 41	0 52	14 47	16 21	8 30	8 42	7 29		n.a.
F 21	2 48	3 43	0s56	13 15	2 27	9 24	1 28	23 38	0 19	17 42	1 36	22 14	0 29	19 6	0 7	18 41	0 52	14 46	16 21	8 30	8 43	7 26		n.a.
S 22	2 25	3s36	2 16	12 38	2 26	8 55	1 28	23 42	0 21	17 43	1 36	22 14	0 29	19 6	0 7	18 40	0 52	14 46	16 21	8 30	8 45	7 22		n.a.
S 23	2 2	10 37	3 25	11 59	2 24	8 27	1 28	23 47	0 22	17 45	1 36	22 15	0 29	19 6	0 7	18 40	0 52	14 45	16 21	8 30	8 46	7 19		n.a.
M24	1 38	16 55	4 19	11 19	2 22	7 58	1 28	23 51	0 24	17 46	1 35	22 16	0 29	19 6	0 7	18 39	0 52	14 44	16 21	8 31	8 47	7 16		n.a.
T 25	1 15	22 6	4 56	10 37	2 19	7 29	1 27	23 55	0 26	17 47	1 35	22 16	0 29	19 5	0 7	18 39	0 52	14 44	16 21	8 32	8 48	7 12		n.a.
W26	0 51	25 54	5 14	9 54	2 16	7 0	1 27	23 59	0 28	17 48	1 35	22 17	0 28	19 5	0 7	18 38	0 52	14 43	16 21	8 33	8 49	7 9		n.a.
T 27	0 28	28 7	5 14	9 9	2 12	6 30	1 26	24 3	0 30	17 49	1 35	22 17	0 28	19 5	0 7	18 38	0 52	14 43	16 21	8 34	8 51	7 6		n.a.
F 28	0 5	28 43	4 57	8 22	2 7	6 1	1 26	24 7	0 32	17 50	1 35	22 18	0 28	19 5	0 7	18 37	0 52	14 42	16 21	8 34	8 52	7 2		n.a.
S 29	0n19	27 47	4 27	7 34	2 2	5 31	1 25	24 11	0 34	17 51	1 35	22 19	0 28	19 4	0 7	18 37	0 52	14 42	16 21	8 34	8 53	6 59		n.a.
S 30	0 42	25 30	3 45	6 45	1 57	5 1	1 25	24 14	0 36	17 52	1 34	22 19	0 28	19 4	0 7	18 37	0 52	14 41	16 21	8 33	8 54	6 56		n.a.
M31	1n 6	22s 7	2s54	5s54	1s51	4s31	1s24	24s18	0s38	17n53	1n34	22n20	0s28	19s 4	0n 7	18s36	0s52	14s40	16s21	8s33	8s55	6s52		n.a.

Julian Day Number = 1495757.5, Delta T = 05h10m58s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'23, Lahiri = -12°29'22 Julian Calendar 1 March 618 BCE == Greg. Calendar 22 Feb. 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

APRIL 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 8 2	3♈40'38	16♒48	21♓27	23♓12	25♐28	15°R31	14♊ 0	24°R35	10♒49	0♈39	8♓24	7♓19	11♓54	n.a.	T 1
W 2	12 11 59	4°38'36	28°36	23°25	24°26	26° 2	15♌28	14° 4	24♏34	10°50	0°40	8°25	7°16	12° 1	n.a.	W 2
T 3	12 15 55	5°36'31	10♓22	25°24	25°40	26°36	15°25	14° 8	24°32	10°52	0°42	8°R26	7°13	12° 7	n.a.	T 3
F 4	12 19 52	6°34'26	22°10	27°25	26°53	27°10	15°23	14°13	24°31	10°53	0°43	8°25	7° 9	12°14	n.a.	F 4
S 5	12 23 48	7°32'18	4♈ 2	29°27	28° 7	27°44	15°20	14°17	24°30	10°55	0°45	8°23	7° 6	12°21	n.a.	S 5
S 6	12 27 45	8°30'09	16° 0	1♈31	29°21	28°18	15°17	14°22	24°28	10°56	0°46	8°19	7° 3	12°27	n.a.	S 6
M 7	12 31 41	9°27'58	28° 6	3°37	0♈34	28°52	15°15	14°26	24°27	10°57	0°47	8°14	7° 0	12°34	n.a.	M 7
T 8	12 35 38	10°25'46	10♉22	5°43	1°48	29°25	15°13	14°31	24°25	10°59	0°49	8° 9	6°57	12°41	n.a.	T 8
W 9	12 39 34	11°23'32	22°50	7°51	3° 2	29°58	15°11	14°36	24°24	11° 0	0°50	8° 3	6°53	12°47	n.a.	W 9
T 10	12 43 31	12°21'17	5♊30	10° 0	4°15	0♉31	15°10	14°41	24°22	11° 2	0°51	7°58	6°50	12°54	n.a.	T 10
F 11	12 47 27	13°18'59	18°25	12°10	5°29	1° 4	15° 8	14°46	24°21	11° 3	0°53	7°54	6°47	13° 1	n.a.	F 11
S 12	12 51 24	14°16'40	1♋36	14°21	6°43	1°37	15° 7	14°51	24°19	11° 4	0°54	7°52	6°44	13° 7	n.a.	S 12
S 13	12 55 21	15°14'20	15° 5	16°31	7°56	2°10	15° 6	14°56	24°17	11° 5	0°55	7°D51	6°41	13°14	n.a.	S 13
M14	12 59 17	16°11'57	28°53	18°42	9°10	2°42	15° 5	15° 1	24°16	11° 7	0°57	7°52	6°38	13°21	n.a.	M14
T 15	13 3 14	17° 9'33	13♌ 2	20°53	10°24	3°14	15° 4	15° 6	24°14	11° 8	0°58	7°53	6°34	13°27	n.a.	T 15
W16	13 7 10	18° 7'07	27°29	23° 4	11°37	3°46	15° 3	15°11	24°12	11° 9	0°59	7°54	6°31	13°34	n.a.	W16
T 17	13 11 7	19° 4'40	12♍13	25°13	12°51	4°18	15° 3	15°17	24°10	11°10	1° 1	7°R55	6°28	13°40	n.a.	T 17
F 18	13 15 3	20° 2'11	27° 8	27°22	14° 5	4°50	15° 3	15°22	24° 8	11°11	1° 2	7°53	6°25	13°47	n.a.	F 18
S 19	13 19 0	20°59'40	12♎ 7	29°29	15°18	5°21	15°D 3	15°28	24° 7	11°12	1° 3	7°50	6°22	13°54	n.a.	S 19
S 20	13 22 56	21°57'08	27° 1	1♉35	16°32	5°52	15° 3	15°33	24° 5	11°13	1° 5	7°45	6°18	14° 0	n.a.	S 20
M21	13 26 53	22°54'35	11♏43	3°39	17°45	6°23	15° 3	15°39	24° 3	11°14	1° 6	7°38	6°15	14° 7	n.a.	M21
T 22	13 30 50	23°52'01	26° 4	5°42	18°59	6°54	15° 3	15°45	24° 1	11°15	1° 7	7°31	6°12	14°14	n.a.	T 22
W23	13 34 46	24°49'26	10♐ 0	7°42	20°13	7°25	15° 4	15°51	23°59	11°16	1° 9	7°24	6° 9	14°20	n.a.	W23
T 24	13 38 43	25°46'51	23°29	9°40	21°26	7°55	15° 5	15°56	23°57	11°17	1°10	7°19	6° 6	14°27	n.a.	T 24
F 25	13 42 39	26°44'14	6♑31	11°36	22°40	8°25	15° 6	16° 2	23°55	11°18	1°11	7°15	6° 3	14°34	n.a.	F 25
S 26	13 46 36	27°41'36	19° 8	13°29	23°54	8°55	15° 7	16° 8	23°53	11°19	1°12	7°13	5°59	14°40	n.a.	S 26
S 27	13 50 32	28°38'58	1♒26	15°19	25° 7	9°25	15° 9	16°14	23°50	11°20	1°14	7°D12	5°56	14°47	n.a.	S 27
M28	13 54 29	29°36'19	13°28	17° 7	26°21	9°54	15°10	16°21	23°48	11°20	1°15	7°13	5°53	14°54	n.a.	M28
T 29	13 58 26	0♉33'39	25°20	18°52	27°34	10°23	15°12	16°27	23°46	11°21	1°16	7°14	5°50	15° 0	n.a.	T 29
W30	14 2 22	1♉30'58	7♓ 7	20♉35	28♈48	10♑52	15♌14	16♊33	23♏44	11♒22	1♈17	7°R15	5♓47	15♓ 7	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n29	17s52	1s56	5s 2	1s45	4s 1	1s24	24s21	0s40	17n54	1n34	22n20	0s28	19s 4	0n 7	18s36	0s52	14s40	16s21	8s32	8s57	6s49		n.a.
W 2	1 52	12 58	0 54	4 8	1 37	3 30	1 23	24 24	0 42	17 55	1 34	22 21	0 27	19 3	0 7	18 35	0 52	14 39	16 21	8 32	8 58	6 45		n.a.
T 3	2 15	7 37	0n11	3 14	1 30	3 0	1 22	24 27	0 44	17 56	1 34	22 22	0 27	19 3	0 7	18 35	0 52	14 39	16 21	8 31	8 59	6 42		n.a.
F 4	2 39	2 1	1 15	2 18	1 22	2 29	1 21	24 30	0 46	17 56	1 34	22 22	0 27	19 3	0 7	18 35	0 52	14 38	16 21	8 32	9 0	6 39		n.a.
S 5	3 2	3n42	2 16	1 21	1 14	1 59	1 20	24 33	0 48	17 57	1 33	22 23	0 27	19 2	0 7	18 34	0 52	14 38	16 21	8 33	9 1	6 35		n.a.
S 6	3 25	9 19	3 11	0 22	1 5	1 28	1 19	24 36	0 50	17 57	1 33	22 24	0 27	19 2	0 7	18 34	0 52	14 37	16 21	8 34	9 3	6 32		n.a.
M 7	3 48	14 39	3 59	0n37	0 55	0 57	1 18	24 39	0 52	17 58	1 33	22 24	0 27	19 2	0 7	18 34	0 52	14 37	16 21	8 36	9 4	6 28		n.a.
T 8	4 11	19 30	4 36	1 36	0 46	0 27	1 17	24 41	0 55	17 58	1 33	22 25	0 27	19 1	0 7	18 33	0 52	14 36	16 21	8 38	9 5	6 25		n.a.
W 9	4 34	23 35	5 1	2 37	0 36	0n 4	1 16	24 43	0 57	17 59	1 33	22 26	0 26	19 1	0 7	18 33	0 52	14 36	16 21	8 40	9 6	6 22		n.a.
T 10	4 57	26 37	5 11	3 37	0 26	0 35	1 14	24 46	0 59	17 59	1 32	22 27	0 26	19 1	0 7	18 33	0 52	14 35	16 21	8 42	9 7	6 18		n.a.
F 11	5 20	28 21	5 6	4 38	0 15	1 6	1 13	24 48	1 2	17 59	1 32	22 27	0 26	19 0	0 7	18 32	0 52	14 35	16 21	8 43	9 9	6 15		n.a.
S 12	5 42	28 31	4 46	5 39	0 5	1 36	1 12	24 50	1 4	17 59	1 32	22 28	0 26	19 0	0 7	18 32	0 52	14 34	16 21	8 44	9 10	6 12		n.a.
S 13	6 5	27 1	4 9	6 40	0n 6	2 7	1 10	24 52	1 6	18 0	1 32	22 29	0 26	18 59	0 7	18 32	0 53	14 34	16 21	8 44	9 11	6 8		n.a.
M14	6 27	23 52	3 16	7 41	0 16	2 38	1 9	24 54	1 9	18 0	1 32	22 29	0 26	18 59	0 7	18 31	0 53	14 33	16 21	8 44	9 12	6 5		n.a.
T 15	6 50	19 14	2 11	8 41	0 27	3 8	1 7	24 55	1 11	18 0	1 31	22 30	0 26	18 58	0 7	18 31	0 53	14 33	16 21	8 44	9 13	6 1		n.a.
W16	7 12	13 24	0 56	9 40	0 37	3 39	1 6	24 57	1 14	18 0	1 31	22 31	0 26	18 58	0 7	18 31	0 53	14 32	16 21	8 43	9 15	5 58		n.a.
T 17	7 34	6 43	0s23	10 37	0 47	4 9	1 4	24 58	1 16	18 0	1 31	22 32	0 25	18 58	0 7	18 30	0 53	14 32	16 21	8 43	9 16	5 55		n.a.
F 18	7 56	0s24	1 42	11 34	0 57	4 40	1 3	25 0	1 19	17 59	1 31	22 32	0 25	18 57	0 7	18 30	0 53	14 31	16 22	8 44	9 17	5 51		n.a.
S 19	8 18	7 31	2 55	12 29	1 7	5 10	1 1	25 1	1 22	17 59	1 30	22 33	0 25	18 57	0 7	18 30	0 53	14 31	16 22	8 45	9 18	5 48		n.a.
S 20	8 40	14 11	3 54	13 22	1 16	5 40	0 59	25 3	1 24	17 59	1 30	22 34	0 25	18 56	0 7	18 30	0 53	14 31	16 22	8 47	9 19	5 44		n.a.
M21	9 2	19 57	4 38	14 14	1 25	6 11	0 58	25 4	1 27	17 59	1 30	22 34	0 25	18 56	0 7	18 29	0 53	14 30	16 22	8 49	9 20	5 41		n.a.
T 22	9 23	24 26	5 2	15 3	1 33	6 41	0 56	25 5	1 30	17 58	1 30	22 35	0 25	18 55	0 7	18 29	0 53	14 30	16 22	8 52	9 22	5 38		n.a.
W23	9 45	27 20	5 8	15 51	1 40	7 10	0 54	25 6	1 32	17 58	1 30	22 36	0 25	18 55	0 7	18 29	0 53	14 29	16 22	8 55	9 23	5 34		n.a.
T 24	10 6	28 33	4 56	16 36	1 47	7 40	0 52	25 7	1 35	17 57	1 29	22 37	0 25	18 54	0 7	18 29	0 53	14 29	16 22	8 57	9 24	5 31		n.a.
F 25	10 27	28 6	4 29	17 19	1 53	8 10	0 50	25 8	1 38	17 57	1 29	22 37	0 24	18 54	0 7	18 29	0 53	14 28	16 22	8 58	9 25	5 27		n.a.
S 26	10 48	26 11	3 50	17 59	1 59	8 39	0 48	25 9	1 41	17 56	1 29	22 38	0 24	18 53	0 7	18 28	0 53	14 28	16 22	8 59	9 26	5 24		n.a.
S 27	11 9	23 3	3 1	18 38	2 4	9 8	0 46	25 10	1 44	17 56	1 29	22 39	0 24	18 53	0 7	18 28	0 53	14 28	16 23	8 59	9 28	5 21		n.a.
M28	11 29	19 0	2 5	19 13	2 8	9 37	0 44	25 10	1 47	17 55	1 28	22 40	0 24	18 52	0 7	18 28	0 53	14 27	16 23	8 59	9 29	5 17		n.a.
T 29	11 50	14 15	1 4	19 47	2 11	10 6	0 42	25 11	1 50	17 54	1 28	22 40	0 24	18 52	0 7	18 28	0 53	14 27	16 23	8 58	9 30	5 14		n.a.
W30	12n10	9s 2	0s 1	20n18	2n14	10n35	0s40	25s12	1s53	17n54	1n28	22n41	0s24	18s51	0n 7	18s28	0s53	14s27	16s23	8s58	9s31	5s10		n.a.

Julian Day Number = 1495788.5, Delta T = 05h10m57s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'19, Lahiri = -12°29'18 Julian Calendar 1 Apr. 618 BCE == Greg. Calendar 25 March 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

MAY 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 6 19	2♉28'17	18♓54	22♉15	0♉ 2	11♑20	15♌16	16♊39	23°R42	11♒23	1♈19	7°R14	5♓44	15♓14	n.a.	T 1
F 2	14 10 15	3°25'35	0♈45	23°52	1°15	11°48	15°18	16°45	23♏39	11°23	1°20	7♓11	5°40	15°20	n.a.	F 2
S 3	14 14 12	4°22'52	12°43	25°26	2°29	12°16	15°20	16°52	23°37	11°24	1°21	7° 6	5°37	15°27	n.a.	S 3
S 4	14 18 8	5°20'08	24°51	26°57	3°43	12°43	15°23	16°58	23°35	11°24	1°22	6°59	5°34	15°33	n.a.	S 4
M 5	14 22 5	6°17'24	7♉11	28°25	4°56	13°11	15°26	17° 5	23°33	11°25	1°23	6°49	5°31	15°40	n.a.	M 5
T 6	14 26 1	7°14'39	19°43	29°51	6°10	13°37	15°29	17°11	23°30	11°26	1°24	6°39	5°28	15°47	n.a.	T 6
W 7	14 29 58	8°11'53	2♊28	1♊13	7°24	14° 4	15°32	17°18	23°28	11°26	1°26	6°28	5°24	15°53	n.a.	W 7
T 8	14 33 55	9° 9'07	15°26	2°33	8°37	14°30	15°35	17°25	23°26	11°27	1°27	6°18	5°21	16° 0	n.a.	T 8
F 9	14 37 51	10° 6'19	28°36	3°49	9°51	14°56	15°39	17°31	23°23	11°27	1°28	6°10	5°18	16° 7	n.a.	F 9
S 10	14 41 48	11° 3'31	11♋58	5° 3	11° 5	15°21	15°42	17°38	23°21	11°27	1°29	6° 5	5°15	16°13	n.a.	S 10
S 11	14 45 44	12° 0'42	25°32	6°13	12°18	15°46	15°46	17°45	23°19	11°28	1°30	6° 1	5°12	16°20	n.a.	S 11
M12	14 49 41	12°57'52	9♌19	7°20	13°32	16°11	15°50	17°52	23°16	11°28	1°31	6°D 0	5° 9	16°27	n.a.	M12
T 13	14 53 37	13°55'01	23°20	8°24	14°46	16°35	15°54	17°58	23°14	11°28	1°32	6° 0	5° 5	16°33	n.a.	T 13
W14	14 57 34	14°52'09	7♍32	9°25	15°59	16°59	15°58	18° 5	23°11	11°29	1°33	6°R 1	5° 2	16°40	n.a.	W14
T 15	15 1 30	15°49'17	21°57	10°22	17°13	17°22	16° 3	18°12	23° 9	11°29	1°34	6° 0	4°59	16°47	n.a.	T 15
F 16	15 5 27	16°46'23	6♎30	11°16	18°26	17°45	16° 7	18°19	23° 7	11°29	1°35	5°57	4°56	16°53	n.a.	F 16
S 17	15 9 24	17°43'29	21° 7	12° 6	19°40	18° 8	16°12	18°26	23° 4	11°29	1°36	5°52	4°53	17° 0	n.a.	S 17
S 18	15 13 20	18°40'35	5♏41	12°52	20°54	18°30	16°17	18°33	23° 2	11°29	1°37	5°43	4°50	17° 7	n.a.	S 18
M19	15 17 17	19°37'40	20° 7	13°35	22° 7	18°52	16°22	18°41	22°59	11°30	1°38	5°33	4°46	17°13	n.a.	M19
T 20	15 21 13	20°34'45	4♐18	14°14	23°21	19°13	16°27	18°48	22°57	11°30	1°39	5°22	4°43	17°20	n.a.	T 20
W21	15 25 10	21°31'50	18° 8	14°48	24°35	19°33	16°33	18°55	22°54	11°30	1°40	5°12	4°40	17°27	n.a.	W21
T 22	15 29 6	22°28'55	1♑34	15°19	25°48	19°54	16°38	19° 2	22°52	11°R30	1°41	5° 2	4°37	17°33	n.a.	T 22
F 23	15 33 3	23°26'00	14°35	15°45	27° 2	20°13	16°44	19° 9	22°50	11°30	1°42	4°55	4°34	17°40	n.a.	F 23
S 24	15 36 59	24°23'05	27°13	16° 7	28°16	20°33	16°49	19°17	22°47	11°30	1°43	4°50	4°30	17°46	n.a.	S 24
S 25	15 40 56	25°20'10	9♒32	16°24	29°30	20°51	16°55	19°24	22°45	11°30	1°44	4°48	4°27	17°53	n.a.	S 25
M26	15 44 53	26°17'14	21°35	16°37	0♊43	21°10	17° 1	19°31	22°42	11°29	1°45	4°47	4°24	18° 0	n.a.	M26
T 27	15 48 49	27°14'20	3♓28	16°46	1°57	21°27	17° 8	19°39	22°40	11°29	1°46	4°47	4°21	18° 6	n.a.	T 27
W28	15 52 46	28°11'25	15°16	16°R50	3°11	21°44	17°14	19°46	22°37	11°29	1°47	4°46	4°18	18°13	n.a.	W28
T 29	15 56 42	29° 8'30	27° 5	16°49	4°24	22° 1	17°20	19°53	22°35	11°29	1°47	4°45	4°15	18°20	n.a.	T 29
F 30	16 0 39	0♊ 5'36	9♈ 0	16°43	5°38	22°16	17°27	20° 1	22°32	11°29	1°48	4°41	4°11	18°26	n.a.	F 30
S 31	16 4 35	1♊ 2'42	21♈ 5	16♊33	6♊52	22♑32	17♌34	20♊ 8	22♏30	11♒28	1♈49	4♓35	4♓ 8	18♓33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	12n30	3s30	1n 2	20n46	2n16	11n 3	0s38	25s12	1s56	17n53	1n28	22n42	0s24	18s50	0n 7	18s27	0s53	14s26	16s23	8s58	9s32	5s 7			n.a.
F 2	12 50	2n10	2 3	21 13	2 17	11 31	0 36	25 13	1 59	17 52	1 28	22 43	0 24	18 50	0 7	18 27	0 53	14 26	16 23	8 59	9 34	5 4			n.a.
S 3	13 9	7 49	2 58	21 37	2 18	11 59	0 34	25 14	2 2	17 51	1 27	22 43	0 23	18 49	0 7	18 27	0 53	14 26	16 23	9 1	9 35	5 0			n.a.
S 4	13 29	13 15	3 46	21 59	2 18	12 26	0 31	25 14	2 5	17 50	1 27	22 44	0 23	18 49	0 7	18 27	0 53	14 25	16 24	9 4	9 36	4 57			n.a.
M 5	13 48	18 15	4 25	22 18	2 17	12 53	0 29	25 15	2 9	17 49	1 27	22 45	0 23	18 48	0 7	18 27	0 53	14 25	16 24	9 8	9 37	4 53			n.a.
T 6	14 7	22 34	4 51	22 35	2 15	13 20	0 27	25 15	2 12	17 48	1 27	22 46	0 23	18 48	0 7	18 27	0 53	14 25	16 24	9 12	9 38	4 50			n.a.
W 7	14 26	25 53	5 3	22 51	2 12	13 47	0 25	25 16	2 15	17 47	1 26	22 46	0 23	18 47	0 7	18 27	0 53	14 24	16 24	9 16	9 39	4 47			n.a.
T 8	14 45	27 56	5 0	23 4	2 9	14 13	0 22	25 16	2 19	17 45	1 26	22 47	0 23	18 46	0 7	18 27	0 53	14 24	16 24	9 19	9 41	4 43			n.a.
F 9	15 3	28 27	4 41	23 15	2 5	14 39	0 20	25 16	2 22	17 44	1 26	22 48	0 23	18 46	0 7	18 27	0 54	14 24	16 25	9 22	9 42	4 40			n.a.
S 10	15 21	27 19	4 7	23 24	2 0	15 5	0 18	25 17	2 25	17 43	1 26	22 49	0 23	18 45	0 7	18 26	0 54	14 24	16 25	9 24	9 43	4 36			n.a.
S 11	15 39	24 34	3 18	23 31	1 54	15 30	0 16	25 17	2 29	17 41	1 26	22 49	0 23	18 45	0 7	18 26	0 54	14 23	16 25	9 26	9 44	4 33			n.a.
M12	15 57	20 22	2 17	23 37	1 48	15 55	0 13	25 18	2 33	17 40	1 25	22 50	0 22	18 44	0 7	18 26	0 54	14 23	16 25	9 26	9 45	4 30			n.a.
T 13	16 14	14 59	1 7	23 41	1 41	16 19	0 11	25 18	2 36	17 39	1 25	22 51	0 22	18 44	0 7	18 26	0 54	14 23	16 25	9 26	9 47	4 26			n.a.
W14	16 31	8 44	0s 8	23 43	1 33	16 43	0 8	25 19	2 40	17 37	1 25	22 52	0 22	18 43	0 7	18 26	0 54	14 23	16 26	9 26	9 48	4 23			n.a.
T 15	16 48	1 58	1 24	23 43	1 25	17 7	0 6	25 20	2 43	17 36	1 25	22 52	0 22	18 42	0 7	18 26	0 54	14 22	16 26	9 26	9 49	4 19			n.a.
F 16	17 5	4s58	2 34	23 42	1 16	17 30	0 4	25 20	2 47	17 34	1 25	22 53	0 22	18 42	0 7	18 26	0 54	14 22	16 26	9 27	9 50	4 16			n.a.
S 17	17 21	11 40	3 35	23 39	1 6	17 52	0 1	25 21	2 51	17 32	1 24	22 54	0 22	18 41	0 7	18 26	0 54	14 22	16 26	9 29	9 51	4 12			n.a.
S 18	17 37	17 42	4 22	23 35	0 56	18 15	0n 1	25 21	2 55	17 31	1 24	22 55	0 22	18 40	0 7	18 26	0 54	14 22	16 26	9 32	9 52	4 9			n.a.
M19	17 53	22 41	4 51	23 29	0 44	18 36	0 3	25 22	2 58	17 29	1 24	22 55	0 22	18 40	0 7	18 26	0 54	14 22	16 27	9 36	9 54	4 6			n.a.
T 20	18 9	26 14	5 2	23 22	0 33	18 58	0 6	25 23	3 2	17 27	1 24	22 56	0 22	18 39	0 7	18 26	0 54	14 21	16 27	9 40	9 55	4 2			n.a.
W21	18 24	28 7	4 54	23 14	0 20	19 18	0 8	25 24	3 6	17 25	1 23	22 57	0 21	18 39	0 7	18 26	0 54	14 21	16 27	9 44	9 56	3 59			n.a.
T 22	18 39	28 16	4 30	23 4	0 7	19 39	0 10	25 24	3 10	17 23	1 23	22 57	0 21	18 38	0 7	18 26	0 54	14 21	16 27	9 48	9 57	3 55			n.a.
F 23	18 53	26 49	3 53	22 54	0s 6	19 58	0 13	25 25	3 14	17 21	1 23	22 58	0 21	18 37	0 7	18 26	0 54	14 21	16 28	9 50	9 58	3 52			n.a.
S 24	19 8	24 2	3 5	22 42	0 20	20 18	0 15	25 26	3 18	17 20	1 23	22 59	0 21	18 37	0 7	18 26	0 54	14 21	16 28	9 52	9 59	3 49			n.a.
S 25	19 22	20 12	2 10	22 29	0 35	20 36	0 17	25 27	3 22	17 18	1 23	23 0	0 21	18 36	0 7	18 26	0 54	14 21	16 28	9 53	10 1	3 45			n.a.
M26	19 35	15 36	1 9	22 16	0 50	20 54	0 20	25 29	3 26	17 15	1 22	23 0	0 21	18 36	0 7	18 27	0 54	14 21	16 28	9 53	10 2	3 42			n.a.
T 27	19 49	10 29	0 7	22 1	1 5	21 12	0 22	25 30	3 31	17 13	1 22	23 1	0 21	18 35	0 7	18 27	0 54	14 20	16 29	9 53	10 3	3 38			n.a.
W28	20 2	5 2	0n55	21 46	1 21	21 29	0 24	25 31	3 35	17 11	1 22	23 2	0 21	18 34	0 7	18 27	0 54	14 20	16 29	9 54	10 4	3 35			n.a.
T 29	20 15	0n35	1 55	21 30	1 37	21 45	0 27	25 33	3 39	17 9	1 22	23 2	0 21	18 34	0 7	18 27	0 54	14 20	16 29	9 54	10 5	3 31			n.a.
F 30	20 27	6 13	2 51	21 14	1 52	22 1	0 29	25 34	3 43	17 7	1 22	23 3	0 21	18 33	0 7	18 27	0 54	14 20	16 29	9 55	10 6	3 28			n.a.
S 31	20n39	11n42	3n39	20n57	2s 8	22n16	0n31	25s36	3s48	17n 4	1n21	23n 4	0s20	18s32	0n 7	18s27	0s54	14s20	16s30	9s58	10s 8	3s25			n.a.

Julian Day Number = 1495818.5, Delta T = 05h10m56s
Ecliptic obliquity = 23°46'20, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'15, Lahiri = -12°29'14 Julian Calendar 1 May 618 BCE == Greg. Calendar 24 Apr. 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

JUNE 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 8 32	1♊59'49	3♉22	16°R19	8♊ 6	22♑46	17♌41	20♊16	22°R28	11°R28	1♈50	4°R26	4♓ 5	18♓40	n.a.	S 1
M 2	16 12 29	2°56'55	15°55	16♊ 0	9°19	23° 0	17°48	20°23	22♏25	11♒28	1°50	4♓15	4° 2	18°46	n.a.	M 2
T 3	16 16 25	3°54'02	28°45	15°38	10°33	23°13	17°55	20°31	22°23	11°27	1°51	4° 3	3°59	18°53	n.a.	T 3
W 4	16 20 22	4°51'10	11♊50	15°11	11°47	23°26	18° 2	20°38	22°20	11°27	1°52	3°50	3°56	19° 0	n.a.	W 4
T 5	16 24 18	5°48'17	25° 9	14°42	13° 1	23°38	18° 9	20°46	22°18	11°27	1°53	3°38	3°52	19° 6	n.a.	T 5
F 6	16 28 15	6°45'25	8♋41	14° 9	14°14	23°49	18°17	20°54	22°16	11°26	1°53	3°28	3°49	19°13	n.a.	F 6
S 7	16 32 11	7°42'33	22°23	13°34	15°28	24° 0	18°25	21° 1	22°13	11°26	1°54	3°21	3°46	19°20	n.a.	S 7
S 8	16 36 8	8°39'41	6♌13	12°57	16°42	24°10	18°32	21° 9	22°11	11°25	1°55	3°17	3°43	19°26	n.a.	S 8
M 9	16 40 4	9°36'49	20°10	12°18	17°56	24°19	18°40	21°17	22° 9	11°25	1°55	3°15	3°40	19°33	n.a.	M 9
T 10	16 44 1	10°33'57	4♍12	11°39	19° 9	24°27	18°48	21°24	22° 7	11°24	1°56	3°15	3°36	19°40	n.a.	T 10
W11	16 47 58	11°31'05	18°19	11° 0	20°23	24°35	18°56	21°32	22° 4	11°23	1°57	3°15	3°33	19°46	n.a.	W11
T 12	16 51 54	12°28'13	2♎30	10°22	21°37	24°42	19° 5	21°40	22° 2	11°23	1°57	3°14	3°30	19°53	n.a.	T 12
F 13	16 55 51	13°25'22	16°44	9°45	22°51	24°48	19°13	21°47	22° 0	11°22	1°58	3°11	3°27	19°59	n.a.	F 13
S 14	16 59 47	14°22'31	0♏57	9°10	24° 4	24°54	19°22	21°55	21°58	11°21	1°58	3° 5	3°24	20° 6	n.a.	S 14
S 15	17 3 44	15°19'40	15° 6	8°37	25°18	24°59	19°30	22° 3	21°55	11°21	1°59	2°57	3°21	20°13	n.a.	S 15
M16	17 7 40	16°16'50	29° 8	8° 8	26°32	25° 3	19°39	22°11	21°53	11°20	1°59	2°47	3°17	20°19	n.a.	M16
T 17	17 11 37	17°14'00	12♐57	7°43	27°46	25° 6	19°48	22°18	21°51	11°19	2° 0	2°35	3°14	20°26	n.a.	T 17
W18	17 15 34	18°11'11	26°30	7°22	29° 0	25° 8	19°57	22°26	21°49	11°18	2° 0	2°24	3°11	20°33	n.a.	W18
T 19	17 19 30	19° 8'23	9♑44	7° 6	0♋13	25°10	20° 6	22°34	21°47	11°18	2° 1	2°14	3° 8	20°39	n.a.	T 19
F 20	17 23 27	20° 5'36	22°37	6°55	1°27	25°11	20°15	22°41	21°45	11°17	2° 1	2° 6	3° 5	20°46	n.a.	F 20
S 21	17 27 23	21° 2'49	5♒11	6°49	2°41	25°R11	20°24	22°49	21°43	11°16	2° 1	2° 1	3° 2	20°53	n.a.	S 21
S 22	17 31 20	22° 0'04	17°27	6°D49	3°55	25°10	20°33	22°57	21°41	11°15	2° 2	1°58	2°58	20°59	n.a.	S 22
M23	17 35 16	22°57'19	29°29	6°54	5° 9	25° 8	20°43	23° 5	21°39	11°14	2° 2	1°D57	2°55	21° 6	n.a.	M23
T 24	17 39 13	23°54'36	11♓23	7° 6	6°23	25° 6	20°52	23°13	21°37	11°13	2° 3	1°57	2°52	21°13	n.a.	T 24
W25	17 43 9	24°51'53	23°12	7°24	7°36	25° 3	21° 2	23°20	21°35	11°12	2° 3	1°R58	2°49	21°19	n.a.	W25
T 26	17 47 6	25°49'12	5♈ 2	7°48	8°50	24°59	21°12	23°28	21°33	11°11	2° 3	1°57	2°46	21°26	n.a.	T 26
F 27	17 51 3	26°46'32	16°59	8°18	10° 4	24°54	21°21	23°36	21°31	11°10	2° 3	1°55	2°42	21°33	n.a.	F 27
S 28	17 54 59	27°43'53	29° 7	8°54	11°18	24°49	21°31	23°44	21°29	11° 9	2° 4	1°51	2°39	21°39	n.a.	S 28
S 29	17 58 56	28°41'16	11♉31	9°36	12°32	24°43	21°41	23°51	21°28	11° 8	2° 4	1°44	2°36	21°46	n.a.	S 29
M30	18 2 52	29♊38'40	24♉13	10♊24	13♋46	24♑36	21♌51	23♊59	21♏26	11♒ 7	2♈ 4	1♓36	2♓33	21♓53	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n51	16n50	4n18	20n40	2s24	22n31	0n33	25s38	3s52	17n 2	1n21	23n 4	0s20	18s32	0n 7	18s27	0s54	14s20	16s30	10s 1	10s 9	3s21		n.a.
M 2	21 2	21 22	4 45	20 23	2 39	22 45	0 36	25 40	3 56	17 0	1 21	23 5	0 20	18 31	0 7	18 27	0 55	14 20	16 30	10 5	10 10	3 18		n.a.
T 3	21 13	25 1	4 59	20 6	2 55	22 58	0 38	25 42	4 1	16 57	1 21	23 6	0 20	18 31	0 7	18 27	0 55	14 20	16 31	10 10	10 11	3 14		n.a.
W 4	21 24	27 26	4 57	19 48	3 9	23 10	0 40	25 44	4 5	16 55	1 21	23 6	0 20	18 30	0 7	18 28	0 55	14 20	16 31	10 14	10 12	3 11		n.a.
T 5	21 34	28 20	4 40	19 31	3 23	23 22	0 42	25 46	4 10	16 52	1 21	23 7	0 20	18 29	0 7	18 28	0 55	14 20	16 31	10 19	10 13	3 8		n.a.
F 6	21 44	27 35	4 6	19 15	3 36	23 34	0 44	25 48	4 14	16 50	1 20	23 7	0 20	18 29	0 7	18 28	0 55	14 20	16 31	10 22	10 15	3 4		n.a.
S 7	21 54	25 8	3 18	18 59	3 48	23 44	0 46	25 51	4 18	16 47	1 20	23 8	0 20	18 28	0 7	18 28	0 55	14 20	16 32	10 25	10 16	3 1		n.a.
S 8	22 3	21 12	2 18	18 43	3 59	23 54	0 48	25 53	4 23	16 45	1 20	23 9	0 20	18 28	0 7	18 28	0 55	14 20	16 32	10 26	10 17	2 57		n.a.
M 9	22 12	16 3	1 9	18 29	4 8	24 3	0 50	25 56	4 28	16 42	1 20	23 9	0 20	18 27	0 7	18 28	0 55	14 20	16 32	10 27	10 18	2 54		n.a.
T 10	22 20	10 2	0s 5	18 16	4 17	24 11	0 52	25 59	4 32	16 39	1 20	23 10	0 19	18 26	0 7	18 29	0 55	14 20	16 33	10 27	10 19	2 50		n.a.
W11	22 29	3 28	1 19	18 4	4 23	24 19	0 54	26 2	4 37	16 37	1 20	23 11	0 19	18 26	0 7	18 29	0 55	14 20	16 33	10 27	10 20	2 47		n.a.
T 12	22 36	3s16	2 28	17 53	4 29	24 26	0 56	26 5	4 41	16 34	1 19	23 11	0 19	18 25	0 7	18 29	0 55	14 20	16 33	10 28	10 22	2 44		n.a.
F 13	22 44	9 52	3 28	17 44	4 32	24 32	0 58	26 9	4 46	16 31	1 19	23 12	0 19	18 25	0 7	18 29	0 55	14 20	16 34	10 29	10 23	2 40		n.a.
S 14	22 51	15 57	4 16	17 37	4 34	24 38	1 0	26 12	4 50	16 28	1 19	23 12	0 19	18 24	0 7	18 30	0 55	14 20	16 34	10 31	10 24	2 37		n.a.
S 15	22 57	21 9	4 47	17 32	4 35	24 43	1 2	26 16	4 55	16 25	1 19	23 13	0 19	18 24	0 7	18 30	0 55	14 20	16 34	10 34	10 25	2 33		n.a.
M16	23 3	25 8	5 1	17 28	4 33	24 47	1 3	26 19	4 59	16 22	1 19	23 13	0 19	18 23	0 7	18 30	0 55	14 20	16 34	10 38	10 26	2 30		n.a.
T 17	23 9	27 34	4 56	17 27	4 31	24 50	1 5	26 23	5 4	16 19	1 19	23 14	0 19	18 22	0 7	18 30	0 55	14 20	16 35	10 42	10 27	2 26		n.a.
W18	23 14	28 19	4 35	17 28	4 27	24 53	1 7	26 27	5 9	16 16	1 18	23 14	0 19	18 22	0 7	18 31	0 55	14 21	16 35	10 46	10 29	2 23		n.a.
T 19	23 19	27 24	4 0	17 31	4 21	24 55	1 8	26 31	5 13	16 13	1 18	23 15	0 19	18 21	0 7	18 31	0 55	14 21	16 35	10 49	10 30	2 20		n.a.
F 20	23 24	25 1	3 13	17 36	4 14	24 56	1 10	26 36	5 18	16 10	1 18	23 16	0 19	18 21	0 7	18 31	0 55	14 21	16 36	10 52	10 31	2 16		n.a.
S 21	23 28	21 27	2 17	17 43	4 6	24 56	1 11	26 40	5 22	16 7	1 18	23 16	0 18	18 20	0 7	18 31	0 55	14 21	16 36	10 54	10 32	2 13		n.a.
S 22	23 32	17 2	1 16	17 52	3 56	24 56	1 13	26 44	5 26	16 4	1 18	23 17	0 18	18 20	0 7	18 32	0 55	14 21	16 36	10 55	10 33	2 9		n.a.
M23	23 35	12 1	0 13	18 3	3 46	24 54	1 14	26 49	5 31	16 1	1 18	23 17	0 18	18 19	0 7	18 32	0 55	14 21	16 37	10 56	10 34	2 6		n.a.
T 24	23 38	6 38	0n50	18 16	3 35	24 52	1 16	26 54	5 35	15 58	1 17	23 18	0 18	18 19	0 7	18 32	0 55	14 21	16 37	10 56	10 36	2 3		n.a.
W25	23 40	1 3	1 51	18 31	3 23	24 50	1 17	26 58	5 39	15 54	1 17	23 18	0 18	18 18	0 7	18 33	0 55	14 21	16 37	10 55	10 37	1 59		n.a.
T 26	23 42	4n34	2 47	18 47	3 10	24 46	1 18	27 3	5 44	15 51	1 17	23 19	0 18	18 18	0 7	18 33	0 55	14 22	16 38	10 56	10 38	1 56		n.a.
F 27	23 44	10 5	3 36	19 5	2 57	24 42	1 19	27 8	5 48	15 48	1 17	23 19	0 18	18 17	0 7	18 33	0 55	14 22	16 38	10 56	10 39	1 52		n.a.
S 28	23 45	15 18	4 16	19 24	2 43	24 37	1 20	27 13	5 52	15 44	1 17	23 19	0 18	18 17	0 7	18 34	0 55	14 22	16 38	10 58	10 40	1 49		n.a.
S 29	23 46	20 1	4 46	19 45	2 29	24 31	1 22	27 18	5 56	15 41	1 17	23 20	0 18	18 16	0 7	18 34	0 56	14 22	16 39	11 0	10 41	1 45		n.a.
M30	23n46	23n57	5n 2	20n 6	2s14	24n25	1n23	27s24	6s 0	15n37	1n17	23n20	0s18	18s16	0n 6	18s34	0s56	14s22	16s39	11s 3	10s43	1s42		n.a.

Julian Day Number = 1495849.5, Delta T = 05h10m54s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'10, Lahiri = -12°29'10 Julian Calendar 1 June 618 BCE == Greg. Calendar 25 May 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

JULY 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 6 49	0♋36'05	7♊16	11♊18	14♋59	24°R28	22♌ 1	24♊ 7	21°R24	11°R 5	2♈ 4	1°R26	2♓30	21♓59	n.a.	T 1
W 2	18 10 45	1°33'32	20°38	12°19	16°13	24♑19	22°12	24°15	21♏23	11♒ 4	2° 5	1♓16	2°27	22° 6	n.a.	W 2
T 3	18 14 42	2°30'59	4♋19	13°24	17°27	24°10	22°22	24°22	21°21	11° 3	2° 5	1° 7	2°23	22°13	n.a.	T 3
F 4	18 18 38	3°28'28	18°15	14°36	18°41	24° 0	22°33	24°30	21°19	11° 2	2° 5	0°59	2°20	22°19	n.a.	F 4
S 5	18 22 35	4°25'58	2♌22	15°53	19°55	23°50	22°43	24°38	21°18	11° 1	2° 5	0°53	2°17	22°26	n.a.	S 5
S 6	18 26 32	5°23'29	16°36	17°15	21° 9	23°39	22°54	24°45	21°16	10°59	2° 5	0°50	2°14	22°33	n.a.	S 6
M 7	18 30 28	6°21'01	0♍52	18°41	22°23	23°27	23° 4	24°53	21°15	10°58	2° 5	0°D50	2°11	22°39	n.a.	M 7
T 8	18 34 25	7°18'34	15° 7	20°13	23°37	23°14	23°15	25° 1	21°13	10°57	2° 5	0°50	2° 8	22°46	n.a.	T 8
W 9	18 38 21	8°16'08	29°20	21°49	24°50	23° 2	23°26	25° 8	21°12	10°55	2° 5	0°51	2° 4	22°52	n.a.	W 9
T 10	18 42 18	9°13'43	13♎28	23°29	26° 4	22°48	23°37	25°16	21°10	10°54	2°R 5	0°R51	2° 1	22°59	n.a.	T 10
F 11	18 46 14	10°11'19	27°30	25°13	27°18	22°35	23°48	25°23	21° 9	10°53	2° 5	0°50	1°58	23° 6	n.a.	F 11
S 12	18 50 11	11° 8'56	11♏25	27° 0	28°32	22°20	23°59	25°31	21° 8	10°51	2° 5	0°46	1°55	23°12	n.a.	S 12
S 13	18 54 7	12° 6'35	25°12	28°51	29°46	22° 6	24°10	25°39	21° 7	10°50	2° 5	0°41	1°52	23°19	n.a.	S 13
M14	18 58 4	13° 4'15	8♐48	0♋43	1♌ 0	21°51	24°21	25°46	21° 5	10°49	2° 5	0°34	1°48	23°26	n.a.	M14
T 15	19 2 1	14° 1'56	22°12	2°38	2°14	21°36	24°32	25°54	21° 4	10°47	2° 5	0°26	1°45	23°32	n.a.	T 15
W16	19 5 57	14°59'38	5♑22	4°35	3°27	21°20	24°44	26° 1	21° 3	10°46	2° 5	0°19	1°42	23°39	n.a.	W16
T 17	19 9 54	15°57'22	18°16	6°33	4°41	21° 5	24°55	26° 9	21° 2	10°44	2° 5	0°12	1°39	23°46	n.a.	T 17
F 18	19 13 50	16°55'07	0♒55	8°33	5°55	20°49	25° 7	26°16	21° 1	10°43	2° 4	0° 7	1°36	23°52	n.a.	F 18
S 19	19 17 47	17°52'54	13°19	10°33	7° 9	20°33	25°18	26°24	21° 0	10°41	2° 4	0° 3	1°33	23°59	n.a.	S 19
S 20	19 21 43	18°50'43	25°29	12°33	8°23	20°17	25°30	26°31	20°59	10°40	2° 4	0°D 2	1°29	24° 6	n.a.	S 20
M21	19 25 40	19°48'34	7♓28	14°33	9°37	20° 1	25°41	26°38	20°58	10°38	2° 4	0° 2	1°26	24°12	n.a.	M21
T 22	19 29 37	20°46'26	19°20	16°34	10°50	19°45	25°53	26°46	20°57	10°37	2° 4	0° 3	1°23	24°19	n.a.	T 22
W23	19 33 33	21°44'20	1♈ 8	18°34	12° 4	19°29	26° 5	26°53	20°57	10°35	2° 3	0° 5	1°20	24°26	n.a.	W23
T 24	19 37 30	22°42'16	12°59	20°33	13°18	19°13	26°17	27° 0	20°56	10°34	2° 3	0° 6	1°17	24°32	n.a.	T 24
F 25	19 41 26	23°40'14	24°55	22°32	14°32	18°57	26°28	27° 7	20°55	10°32	2° 3	0°R 7	1°13	24°39	n.a.	F 25
S 26	19 45 23	24°38'14	7♉ 4	24°30	15°46	18°42	26°40	27°15	20°55	10°31	2° 2	0° 6	1°10	24°46	n.a.	S 26
S 27	19 49 19	25°36'16	19°28	26°27	17° 0	18°27	26°52	27°22	20°54	10°29	2° 2	0° 4	1° 7	24°52	n.a.	S 27
M28	19 53 16	26°34'20	2♊13	28°23	18°13	18°11	27° 4	27°29	20°53	10°27	2° 2	29♒59	1° 4	24°59	n.a.	M28
T 29	19 57 12	27°32'27	15°21	0♌18	19°27	17°57	27°16	27°36	20°53	10°26	2° 1	29°55	1° 1	25° 6	n.a.	T 29
W30	20 1 9	28°30'35	28°53	2°12	20°41	17°42	27°29	27°43	20°52	10°24	2° 1	29°50	0°58	25°12	n.a.	W30
T 31	20 5 6	29♋28'45	12♋48	4♌ 4	21♌55	17♑28	27♌41	27♊50	20♏52	10♒23	2♈ 0	29♒46	0♓54	25♓19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n46	26n48	5n 3	20n28	2s 0	24n18	1n23	27s29	6s 3	15n34	1n17	23n21	0s18	18s16	0n 6	18s35	0s56	14s23	16s39	11s 7	10s44	1s39			n.a.
W 2	23 46	28 13	4 47	20 51	1 45	24 10	1 24	27 34	6 7	15 30	1 16	23 21	0 17	18 15	0 6	18 35	0 56	14 23	16 40	11 10	10 45	1 35			n.a.
T 3	23 45	27 57	4 15	21 14	1 30	24 1	1 25	27 39	6 11	15 27	1 16	23 22	0 17	18 15	0 6	18 35	0 56	14 23	16 40	11 14	10 46	1 32			n.a.
F 4	23 44	25 56	3 27	21 37	1 15	23 52	1 26	27 45	6 14	15 23	1 16	23 22	0 17	18 14	0 6	18 36	0 56	14 23	16 40	11 17	10 47	1 28			n.a.
S 5	23 42	22 17	2 26	22 0	1 1	23 42	1 27	27 50	6 18	15 20	1 16	23 22	0 17	18 14	0 6	18 36	0 56	14 24	16 41	11 19	10 48	1 25			n.a.
S 6	23 40	17 17	1 16	22 23	0 46	23 31	1 27	27 55	6 21	15 16	1 16	23 23	0 17	18 13	0 6	18 36	0 56	14 24	16 41	11 20	10 49	1 21			n.a.
M 7	23 37	11 19	0s 0	22 45	0 32	23 20	1 28	28 0	6 24	15 12	1 16	23 23	0 17	18 13	0 6	18 37	0 56	14 24	16 41	11 20	10 51	1 18			n.a.
T 8	23 34	4 46	1 16	23 6	0 19	23 8	1 28	28 5	6 27	15 9	1 16	23 24	0 17	18 13	0 6	18 37	0 56	14 24	16 42	11 20	10 52	1 15			n.a.
W 9	23 31	1s58	2 27	23 25	0 6	22 55	1 29	28 10	6 30	15 5	1 16	23 24	0 17	18 12	0 6	18 38	0 56	14 25	16 42	11 19	10 53	1 11			n.a.
T 10	23 27	8 35	3 29	23 44	0n 7	22 41	1 29	28 15	6 32	15 1	1 15	23 24	0 17	18 12	0 6	18 38	0 56	14 25	16 42	11 19	10 54	1 8			n.a.
F 11	23 22	14 43	4 17	24 0	0 19	22 27	1 30	28 20	6 35	14 57	1 15	23 25	0 17	18 12	0 6	18 38	0 56	14 25	16 43	11 20	10 55	1 4			n.a.
S 12	23 18	20 3	4 50	24 15	0 31	22 12	1 30	28 25	6 37	14 54	1 15	23 25	0 17	18 11	0 6	18 39	0 56	14 26	16 43	11 21	10 56	1 1			n.a.
S 13	23 13	24 16	5 6	24 27	0 41	21 57	1 30	28 29	6 39	14 50	1 15	23 25	0 17	18 11	0 6	18 39	0 56	14 26	16 43	11 23	10 58	0 58			n.a.
M14	23 7	27 5	5 4	24 37	0 51	21 41	1 30	28 34	6 41	14 46	1 15	23 26	0 16	18 11	0 6	18 40	0 56	14 26	16 44	11 25	10 59	0 54			n.a.
T 15	23 1	28 18	4 46	24 45	1 0	21 24	1 30	28 38	6 43	14 42	1 15	23 26	0 16	18 10	0 6	18 40	0 56	14 27	16 44	11 28	11 0	0 51			n.a.
W16	22 55	27 52	4 12	24 50	1 9	21 7	1 30	28 42	6 44	14 38	1 15	23 26	0 16	18 10	0 6	18 40	0 56	14 27	16 44	11 31	11 1	0 47			n.a.
T 17	22 48	25 55	3 27	24 52	1 16	20 49	1 30	28 46	6 46	14 34	1 15	23 27	0 16	18 10	0 6	18 41	0 56	14 27	16 44	11 33	11 2	0 44			n.a.
F 18	22 41	22 41	2 31	24 52	1 23	20 30	1 30	28 50	6 47	14 30	1 15	23 27	0 16	18 10	0 6	18 41	0 56	14 28	16 45	11 35	11 3	0 40			n.a.
S 19	22 33	18 29	1 30	24 49	1 29	20 11	1 30	28 53	6 48	14 26	1 15	23 27	0 16	18 9	0 6	18 42	0 56	14 28	16 45	11 36	11 4	0 37			n.a.
S 20	22 26	13 35	0 25	24 43	1 34	19 51	1 29	28 57	6 49	14 22	1 14	23 28	0 16	18 9	0 6	18 42	0 56	14 28	16 45	11 37	11 6	0 34			n.a.
M21	22 17	8 16	0n40	24 35	1 38	19 31	1 29	29 0	6 49	14 18	1 14	23 28	0 16	18 9	0 6	18 43	0 56	14 29	16 46	11 37	11 7	0 30			n.a.
T 22	22 8	2 42	1 43	24 24	1 41	19 10	1 28	29 3	6 50	14 14	1 14	23 28	0 16	18 9	0 6	18 43	0 56	14 29	16 46	11 37	11 8	0 27			n.a.
W23	21 59	2n55	2 41	24 11	1 44	18 49	1 28	29 5	6 50	14 10	1 14	23 28	0 16	18 9	0 6	18 44	0 56	14 30	16 46	11 36	11 9	0 23			n.a.
T 24	21 50	8 27	3 33	23 55	1 46	18 27	1 27	29 8	6 50	14 5	1 14	23 29	0 16	18 8	0 6	18 44	0 56	14 30	16 47	11 35	11 10	0 20			n.a.
F 25	21 40	13 44	4 15	23 37	1 47	18 5	1 27	29 10	6 50	14 1	1 14	23 29	0 16	18 8	0 6	18 44	0 56	14 30	16 47	11 35	11 11	0 17			n.a.
S 26	21 30	18 34	4 48	23 17	1 47	17 42	1 26	29 12	6 49	13 57	1 14	23 29	0 16	18 8	0 6	18 45	0 56	14 31	16 47	11 36	11 12	0 13			n.a.
S 27	21 19	22 45	5 7	22 55	1 47	17 19	1 25	29 13	6 49	13 53	1 14	23 29	0 15	18 8	0 6	18 45	0 56	14 31	16 48	11 36	11 14	0 10			n.a.
M28	21 8	25 59	5 12	22 31	1 47	16 55	1 24	29 15	6 48	13 49	1 14	23 29	0 15	18 8	0 6	18 46	0 56	14 32	16 48	11 38	11 15	0 6			n.a.
T 29	20 57	27 56	5 1	22 5	1 45	16 31	1 23	29 16	6 47	13 44	1 14	23 30	0 15	18 8	0 6	18 46	0 56	14 32	16 48	11 39	11 16	0 3			n.a.
W30	20 45	28 19	4 33	21 38	1 44	16 6	1 22	29 17	6 46	13 40	1 14	23 30	0 15	18 7	0 6	18 47	0 56	14 32	16 49	11 41	11 17	0n 0			n.a.
T 31	20n33	26n57	3n49	21n 9	1n41	15n41	1n21	29s17	6s44	13n36	1n14	23n30	0s15	18s 7	0n 6	18s47	0s56	14s33	16s49	11s43	11s18	0n 4			n.a.

Julian Day Number = 1495879.5, Delta T = 05h10m53s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'06, Lahiri = -12°29'06 Julian Calendar 1 July 618 BCE == Greg. Calendar 24 June 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

AUGUST 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 9 2	0♌26'58	27♋ 3	5♌56	23♌ 9	17°R15	27♌53	27♊57	20°R52	10°R21	2°R 0	29°R42	0♓51	25♓26	n.a.	F 1
S 2	20 12 59	1°25'12	11♌33	7°46	24°22	17♑ 2	28° 5	28° 4	20♏51	10♒19	2♈ 0	29♒39	0°48	25°32	n.a.	S 2
S 3	20 16 55	2°23'28	26°12	9°35	25°36	16°49	28°18	28°11	20°51	10°18	1°59	29°D38	0°45	25°39	n.a.	S 3
M 4	20 20 52	3°21'45	10♍53	11°23	26°50	16°38	28°30	28°18	20°51	10°16	1°59	29°39	0°42	25°46	n.a.	M 4
T 5	20 24 48	4°20'04	25°31	13°10	28° 4	16°26	28°42	28°25	20°51	10°14	1°58	29°40	0°39	25°52	n.a.	T 5
W 6	20 28 45	5°18'25	9♎59	14°56	29°17	16°16	28°55	28°31	20°51	10°13	1°58	29°41	0°35	25°59	n.a.	W 6
T 7	20 32 41	6°16'48	24°16	16°40	0♍31	16° 6	29° 7	28°38	20°D51	10°11	1°57	29°42	0°32	26° 6	n.a.	T 7
F 8	20 36 38	7°15'12	8♏18	18°23	1°45	15°56	29°20	28°45	20°51	10° 9	1°56	29°R43	0°29	26°12	n.a.	F 8
S 9	20 40 34	8°13'38	22° 5	20° 6	2°59	15°48	29°32	28°51	20°51	10° 8	1°56	29°42	0°26	26°19	n.a.	S 9
S 10	20 44 31	9°12'06	5♐36	21°47	4°12	15°40	29°45	28°58	20°51	10° 6	1°55	29°41	0°23	26°26	n.a.	S 10
M11	20 48 28	10°10'36	18°52	23°27	5°26	15°33	29°58	29° 4	20°51	10° 5	1°55	29°38	0°19	26°32	n.a.	M11
T 12	20 52 24	11° 9'07	1♑53	25° 5	6°40	15°26	0♍10	29°11	20°51	10° 3	1°54	29°36	0°16	26°39	n.a.	T 12
W13	20 56 21	12° 7'41	14°41	26°43	7°53	15°20	0°23	29°17	20°51	10° 1	1°53	29°33	0°13	26°46	n.a.	W13
T 14	21 0 17	13° 6'16	27°15	28°20	9° 7	15°16	0°36	29°24	20°52	10° 0	1°53	29°31	0°10	26°52	n.a.	T 14
F 15	21 4 14	14° 4'53	9♒37	29°56	10°21	15°11	0°48	29°30	20°52	9°58	1°52	29°29	0° 7	26°59	n.a.	F 15
S 16	21 8 10	15° 3'32	21°48	1♍30	11°34	15° 8	1° 1	29°36	20°52	9°56	1°51	29°28	0° 4	27° 6	n.a.	S 16
S 17	21 12 7	16° 2'13	3♓50	3° 4	12°48	15° 5	1°14	29°42	20°53	9°55	1°50	29°D28	0° 0	27°12	n.a.	S 17
M18	21 16 3	17° 0'57	15°44	4°36	14° 1	15° 4	1°27	29°48	20°53	9°53	1°50	29°29	29♒57	27°19	n.a.	M18
T 19	21 20 0	17°59'42	27°34	6° 8	15°15	15° 3	1°40	29°55	20°54	9°51	1°49	29°30	29°54	27°26	n.a.	T 19
W20	21 23 57	18°58'30	9♈22	7°38	16°29	15°D 2	1°52	0♋ 1	20°55	9°50	1°48	29°31	29°51	27°32	n.a.	W20
T 21	21 27 53	19°57'20	21°12	9° 8	17°42	15° 3	2° 5	0° 6	20°55	9°48	1°47	29°32	29°48	27°39	n.a.	T 21
F 22	21 31 50	20°56'13	3♉ 8	10°36	18°56	15° 4	2°18	0°12	20°56	9°46	1°46	29°32	29°45	27°46	n.a.	F 22
S 23	21 35 46	21°55'08	15°15	12° 4	20° 9	15° 6	2°31	0°18	20°57	9°45	1°46	29°33	29°41	27°52	n.a.	S 23
S 24	21 39 43	22°54'05	27°37	13°30	21°23	15° 9	2°44	0°24	20°58	9°43	1°45	29°R33	29°38	27°59	n.a.	S 24
M25	21 43 39	23°53'05	10♊18	14°56	22°36	15°13	2°57	0°30	20°59	9°42	1°44	29°33	29°35	28° 6	n.a.	M25
T 26	21 47 36	24°52'07	23°23	16°20	23°50	15°18	3°10	0°35	20°59	9°40	1°43	29°32	29°32	28°12	n.a.	T 26
W27	21 51 32	25°51'12	6♋53	17°43	25° 3	15°23	3°23	0°41	21° 0	9°38	1°42	29°32	29°29	28°19	n.a.	W27
T 28	21 55 29	26°50'19	20°49	19° 5	26°17	15°29	3°36	0°46	21° 1	9°37	1°41	29°31	29°25	28°25	n.a.	T 28
F 29	21 59 26	27°49'29	5♌11	20°26	27°30	15°35	3°49	0°51	21° 3	9°35	1°40	29°31	29°22	28°32	n.a.	F 29
S 30	22 3 22	28°48'41	19°54	21°46	28°43	15°43	4° 2	0°57	21° 4	9°34	1°39	29°31	29°19	28°39	n.a.	S 30
S 31	22 7 19	29♌47'55	4♍51	23♍ 4	29♍57	15♑51	4♍15	1♋ 2	21♏ 5	9♒32	1♈39	29♒31	29♒16	28♓45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n20	23n48	2n49	20n39	1n39	15n15	1n20	29s18	6s43	13n31	1n14	23n30	0s15	18s 7	0n 6	18s48	0s56	14s33	16s49	11s44	11s19	0n 7		n.a.
S 2	20 7	19 7	1 38	20 7	1 35	14 49	1 19	29 18	6 41	13 27	1 13	23 30	0 15	18 7	0 6	18 48	0 56	14 34	16 49	11 45	11 20	0 11		n.a.
S 3	19 54	13 15	0 19	19 34	1 32	14 23	1 18	29 17	6 39	13 23	1 13	23 31	0 15	18 7	0 6	18 49	0 56	14 34	16 50	11 45	11 22	0 14		n.a.
M 4	19 40	6 38	1s 1	19 1	1 28	13 56	1 16	29 17	6 37	13 18	1 13	23 31	0 15	18 7	0 6	18 49	0 56	14 35	16 50	11 45	11 23	0 18		n.a.
T 5	19 27	0s18	2 18	18 26	1 24	13 29	1 15	29 16	6 35	13 14	1 13	23 31	0 15	18 7	0 6	18 50	0 56	14 35	16 50	11 45	11 24	0 21		n.a.
W 6	19 12	7 8	3 24	17 50	1 19	13 1	1 13	29 15	6 32	13 9	1 13	23 31	0 15	18 7	0 6	18 50	0 56	14 36	16 51	11 44	11 25	0 24		n.a.
T 7	18 58	13 30	4 17	17 14	1 14	12 34	1 12	29 14	6 30	13 5	1 13	23 31	0 15	18 7	0 6	18 50	0 56	14 36	16 51	11 44	11 26	0 28		n.a.
F 8	18 43	19 5	4 53	16 37	1 9	12 5	1 10	29 13	6 27	13 0	1 13	23 31	0 15	18 7	0 6	18 51	0 56	14 37	16 51	11 44	11 27	0 31		n.a.
S 9	18 28	23 34	5 12	15 59	1 3	11 37	1 9	29 11	6 25	12 56	1 13	23 32	0 14	18 7	0 6	18 51	0 56	14 37	16 51	11 44	11 28	0 35		n.a.
S 10	18 12	26 40	5 13	15 21	0 57	11 8	1 7	29 9	6 22	12 51	1 13	23 32	0 14	18 7	0 6	18 52	0 57	14 38	16 52	11 45	11 30	0 38		n.a.
M11	17 56	28 14	4 58	14 42	0 51	10 39	1 5	29 7	6 19	12 47	1 13	23 32	0 14	18 7	0 6	18 52	0 57	14 38	16 52	11 45	11 31	0 41		n.a.
T 12	17 40	28 12	4 27	14 2	0 45	10 10	1 3	29 5	6 16	12 42	1 13	23 32	0 14	18 7	0 6	18 53	0 57	14 39	16 52	11 46	11 32	0 45		n.a.
W13	17 24	26 39	3 43	13 23	0 38	9 40	1 1	29 2	6 12	12 38	1 13	23 32	0 14	18 7	0 6	18 53	0 57	14 39	16 52	11 47	11 33	0 48		n.a.
T 14	17 7	23 46	2 49	12 43	0 32	9 11	0 59	29 0	6 9	12 33	1 13	23 32	0 14	18 8	0 6	18 54	0 57	14 40	16 53	11 48	11 34	0 52		n.a.
F 15	16 50	19 49	1 48	12 3	0 25	8 41	0 57	28 57	6 6	12 28	1 13	23 32	0 14	18 8	0 6	18 54	0 57	14 40	16 53	11 49	11 35	0 55		n.a.
S 16	16 33	15 6	0 42	11 22	0 18	8 10	0 55	28 54	6 2	12 24	1 13	23 32	0 14	18 8	0 6	18 55	0 57	14 41	16 53	11 49	11 36	0 58		n.a.
S 17	16 15	9 52	0n24	10 41	0 11	7 40	0 53	28 51	5 59	12 19	1 13	23 32	0 14	18 8	0 6	18 55	0 57	14 41	16 53	11 49	11 37	1 2		n.a.
M18	15 57	4 20	1 29	10 1	0 4	7 9	0 51	28 47	5 55	12 14	1 13	23 33	0 14	18 8	0 6	18 56	0 57	14 42	16 54	11 49	11 39	1 5		n.a.
T 19	15 39	1n18	2 30	9 20	0s 4	6 38	0 49	28 44	5 51	12 10	1 13	23 33	0 14	18 8	0 6	18 56	0 57	14 42	16 54	11 48	11 40	1 9		n.a.
W20	15 21	6 52	3 24	8 39	0 11	6 7	0 46	28 40	5 48	12 5	1 13	23 33	0 14	18 8	0 6	18 56	0 57	14 43	16 54	11 48	11 41	1 12		n.a.
T 21	15 2	12 13	4 9	7 58	0 18	5 36	0 44	28 36	5 44	12 0	1 13	23 33	0 14	18 9	0 6	18 57	0 57	14 43	16 54	11 48	11 42	1 15		n.a.
F 22	14 43	17 10	4 45	7 18	0 26	5 5	0 42	28 32	5 40	11 56	1 13	23 33	0 13	18 9	0 6	18 57	0 57	14 44	16 55	11 47	11 43	1 19		n.a.
S 23	14 24	21 32	5 8	6 37	0 34	4 33	0 39	28 28	5 36	11 51	1 13	23 33	0 13	18 9	0 6	18 58	0 57	14 44	16 55	11 47	11 44	1 22		n.a.
S 24	14 4	25 3	5 17	5 56	0 41	4 2	0 37	28 24	5 32	11 46	1 13	23 33	0 13	18 9	0 6	18 58	0 57	14 45	16 55	11 47	11 45	1 26		n.a.
M25	13 45	27 27	5 12	5 16	0 49	3 30	0 34	28 20	5 29	11 41	1 13	23 33	0 13	18 9	0 6	18 59	0 57	14 45	16 55	11 47	11 47	1 29		n.a.
T 26	13 25	28 26	4 51	4 36	0 57	2 58	0 32	28 15	5 25	11 37	1 13	23 33	0 13	18 10	0 6	18 59	0 57	14 46	16 55	11 48	11 48	1 32		n.a.
W27	13 5	27 48	4 13	3 56	1 4	2 26	0 29	28 11	5 21	11 32	1 13	23 33	0 13	18 10	0 6	19 0	0 57	14 46	16 56	11 48	11 49	1 36		n.a.
T 28	12 44	25 24	3 19	3 17	1 12	1 54	0 26	28 6	5 17	11 27	1 13	23 33	0 13	18 10	0 6	19 0	0 57	14 47	16 56	11 48	11 50	1 39		n.a.
F 29	12 24	21 21	2 11	2 37	1 20	1 22	0 24	28 1	5 13	11 22	1 13	23 33	0 13	18 11	0 6	19 0	0 57	14 47	16 56	11 48	11 51	1 43		n.a.
S 30	12 3	15 53	0 53	1 59	1 27	0 50	0 21	27 56	5 9	11 17	1 13	23 33	0 13	18 11	0 6	19 1	0 57	14 48	16 56	11 48	11 52	1 46		n.a.
S 31	11n42	9n24	0s30	1n20	1s35	0n18	0n18	27s51	5s 5	11n13	1n13	23n33	0s13	18s11	0n 6	19s 1	0s57	14s48	16s56	11s48	11s53	1n49		n.a.

Julian Day Number = 1495910.5, Delta T = 05h10m51s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°36'02, Lahiri = -12°29'02 Julian Calendar 1 Aug. 618 BCE == Greg. Calendar 25 July 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

SEPTEMBER 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 11 15	0♍47'11	19♍55	24♍21	1♎10	16♑ 0	4♍28	1♋ 7	21♏ 6	9°R31	1°R38	29°R31	29♒13	28♓52	n.a.	M 1
T 2	22 15 12	1°46'29	4♎56	25°37	2°24	16°10	4°41	1°12	21° 7	9♒29	1♈37	29♒31	29°10	28°59	n.a.	T 2
W 3	22 19 8	2°45'49	19°47	26°51	3°37	16°20	4°55	1°17	21° 9	9°28	1°36	29°31	29° 6	29° 5	n.a.	W 3
T 4	22 23 5	3°45'11	4♏21	28° 4	4°50	16°31	5° 8	1°22	21°10	9°26	1°35	29°30	29° 3	29°12	n.a.	T 4
F 5	22 27 1	4°44'35	18°33	29°15	6° 4	16°43	5°21	1°27	21°12	9°25	1°34	29°30	29° 0	29°19	n.a.	F 5
S 6	22 30 58	5°44'00	2♐23	0♎24	7°17	16°56	5°34	1°32	21°13	9°23	1°33	29°D30	28°57	29°25	n.a.	S 6
S 7	22 34 54	6°43'28	15°49	1°31	8°30	17° 9	5°47	1°37	21°15	9°22	1°32	29°30	28°54	29°32	n.a.	S 7
M 8	22 38 51	7°42'58	28°54	2°36	9°43	17°23	6° 0	1°41	21°16	9°20	1°31	29°30	28°51	29°39	n.a.	M 8
T 9	22 42 48	8°42'29	11♑41	3°39	10°57	17°37	6°13	1°46	21°18	9°19	1°30	29°31	28°47	29°45	n.a.	T 9
W10	22 46 44	9°42'03	24°12	4°39	12°10	17°52	6°26	1°50	21°19	9°18	1°29	29°32	28°44	29°52	n.a.	W10
T 11	22 50 41	10°41'38	6♒29	5°37	13°23	18° 8	6°39	1°54	21°21	9°16	1°28	29°33	28°41	29°59	n.a.	T 11
F 12	22 54 37	11°41'15	18°37	6°31	14°36	18°24	6°52	1°59	21°23	9°15	1°27	29°34	28°38	0♈ 5	n.a.	F 12
S 13	22 58 34	12°40'55	0♓36	7°22	15°49	18°41	7° 5	2° 3	21°25	9°14	1°25	29°R34	28°35	0°12	n.a.	S 13
S 14	23 2 30	13°40'36	12°30	8° 9	17° 2	18°59	7°18	2° 7	21°27	9°12	1°24	29°33	28°31	0°19	n.a.	S 14
M15	23 6 27	14°40'19	24°21	8°53	18°15	19°17	7°31	2°11	21°28	9°11	1°23	29°32	28°28	0°25	n.a.	M15
T 16	23 10 23	15°40'05	6♈10	9°32	19°28	19°35	7°45	2°15	21°30	9°10	1°22	29°30	28°25	0°32	n.a.	T 16
W17	23 14 20	16°39'52	17°59	10° 6	20°41	19°54	7°58	2°19	21°32	9° 9	1°21	29°28	28°22	0°39	n.a.	W17
T 18	23 18 17	17°39'42	29°52	10°35	21°54	20°14	8°11	2°22	21°34	9° 7	1°20	29°25	28°19	0°45	n.a.	T 18
F 19	23 22 13	18°39'35	11♉50	10°58	23° 7	20°34	8°24	2°26	21°36	9° 6	1°19	29°22	28°16	0°52	n.a.	F 19
S 20	23 26 10	19°39'29	23°58	11°14	24°20	20°55	8°37	2°29	21°39	9° 5	1°18	29°19	28°12	0°59	n.a.	S 20
S 21	23 30 6	20°39'26	6♊18	11°23	25°33	21°16	8°49	2°33	21°41	9° 4	1°17	29°17	28° 9	1° 5	n.a.	S 21
M22	23 34 3	21°39'25	18°55	11°R25	26°46	21°37	9° 2	2°36	21°43	9° 3	1°16	29°D17	28° 6	1°12	n.a.	M22
T 23	23 37 59	22°39'27	1♋52	11°19	27°59	21°59	9°15	2°39	21°45	9° 2	1°14	29°17	28° 3	1°19	n.a.	T 23
W24	23 41 56	23°39'31	15°13	11° 4	29°11	22°22	9°28	2°43	21°47	9° 1	1°13	29°18	28° 0	1°25	n.a.	W24
T 25	23 45 52	24°39'37	29° 0	10°40	0♏24	22°45	9°41	2°46	21°50	8°59	1°12	29°20	27°57	1°32	n.a.	T 25
F 26	23 49 49	25°39'45	13♌14	10° 7	1°37	23° 8	9°54	2°49	21°52	8°58	1°11	29°21	27°53	1°39	n.a.	F 26
S 27	23 53 45	26°39'56	27°53	9°24	2°50	23°32	10° 7	2°51	21°55	8°57	1°10	29°R22	27°50	1°46	n.a.	S 27
S 28	23 57 42	27°40'09	12♍53	8°33	4° 2	23°56	10°20	2°54	21°57	8°56	1° 9	29°21	27°47	1°52	n.a.	S 28
M29	0 1 39	28°40'23	28° 6	7°33	5°15	24°20	10°32	2°57	22° 0	8°56	1° 8	29°19	27°44	1°59	n.a.	M29
T 30	0 5 35	29♍40'40	13♎22	6♎25	6♏28	24♑45	10♍45	2♋59	22♏ 2	8♒55	1♈ 7	29♒16	27♒41	2♈ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n21	2n21	1s51	0n43	1s42	0s14	0n15	27s46	5s 1	11n 8	1n13	23n33	0s13	18s12	0n 6	19s 2	0s57	14s49	16s56	11s48	11s54	1n53		n.a.
T 2	10 59	4s48	3 4	0 6	1 49	0 47	0 12	27 41	4 57	11 3	1 13	23 33	0 13	18 12	0 6	19 2	0 57	14 50	16 57	11 48	11 56	1 56		n.a.
W 3	10 38	11 36	4 4	0s31	1 57	1 19	0 9	27 36	4 53	10 58	1 13	23 33	0 13	18 12	0 6	19 2	0 57	14 50	16 57	11 48	11 57	2 0		n.a.
T 4	10 16	17 39	4 48	1 7	2 4	1 51	0 6	27 30	4 49	10 53	1 13	23 33	0 13	18 13	0 6	19 3	0 57	14 51	16 57	11 48	11 58	2 3		n.a.
F 5	9 54	22 34	5 12	1 42	2 11	2 23	0 4	27 25	4 45	10 48	1 13	23 33	0 12	18 13	0 6	19 3	0 57	14 51	16 57	11 48	11 59	2 6		n.a.
S 6	9 32	26 6	5 17	2 16	2 18	2 55	0 1	27 19	4 41	10 43	1 13	23 33	0 12	18 14	0 6	19 4	0 57	14 52	16 57	11 48	12 0	2 10		n.a.
S 7	9 10	28 3	5 5	2 49	2 24	3 27	0s 2	27 14	4 37	10 39	1 13	23 33	0 12	18 14	0 6	19 4	0 57	14 52	16 57	11 48	12 1	2 13		n.a.
M 8	8 48	28 23	4 37	3 21	2 31	3 59	0 5	27 8	4 33	10 34	1 13	23 33	0 12	18 14	0 5	19 4	0 57	14 53	16 58	11 48	12 2	2 16		n.a.
T 9	8 25	27 10	3 56	3 52	2 37	4 31	0 9	27 2	4 29	10 29	1 13	23 33	0 12	18 15	0 5	19 5	0 57	14 53	16 58	11 48	12 3	2 20		n.a.
W10	8 2	24 35	3 4	4 21	2 42	5 3	0 12	26 56	4 25	10 24	1 13	23 33	0 12	18 15	0 5	19 5	0 57	14 54	16 58	11 48	12 5	2 23		n.a.
T 11	7 40	20 55	2 5	4 49	2 48	5 35	0 15	26 50	4 21	10 19	1 13	23 33	0 12	18 16	0 5	19 5	0 57	14 54	16 58	11 47	12 6	2 27		n.a.
F 12	7 17	16 25	1 0	5 16	2 53	6 6	0 18	26 44	4 17	10 14	1 13	23 34	0 12	18 16	0 5	19 6	0 57	14 55	16 58	11 47	12 7	2 30		n.a.
S 13	6 54	11 19	0n 6	5 40	2 58	6 38	0 21	26 38	4 13	10 9	1 13	23 34	0 12	18 17	0 5	19 6	0 57	14 55	16 58	11 47	12 8	2 33		n.a.
S 14	6 30	5 52	1 11	6 3	3 2	7 9	0 24	26 31	4 10	10 4	1 13	23 34	0 12	18 17	0 5	19 7	0 57	14 56	16 58	11 47	12 9	2 37		n.a.
M15	6 7	0 15	2 13	6 24	3 5	7 40	0 27	26 25	4 6	9 59	1 13	23 34	0 12	18 18	0 5	19 7	0 57	14 56	16 58	11 48	12 10	2 40		n.a.
T 16	5 44	5n22	3 9	6 42	3 8	8 11	0 30	26 19	4 2	9 55	1 13	23 34	0 12	18 18	0 5	19 7	0 57	14 57	16 58	11 48	12 11	2 43		n.a.
W17	5 20	10 47	3 57	6 58	3 11	8 42	0 33	26 12	3 58	9 50	1 13	23 34	0 12	18 19	0 5	19 8	0 57	14 57	16 58	11 49	12 12	2 47		n.a.
T 18	4 56	15 51	4 34	7 11	3 12	9 13	0 37	26 5	3 55	9 45	1 13	23 34	0 11	18 19	0 5	19 8	0 57	14 58	16 58	11 50	12 13	2 50		n.a.
F 19	4 33	20 21	5 1	7 20	3 13	9 43	0 40	25 59	3 51	9 40	1 13	23 34	0 11	18 20	0 5	19 8	0 57	14 58	16 59	11 51	12 15	2 54		n.a.
S 20	4 9	24 5	5 14	7 27	3 12	10 13	0 43	25 52	3 47	9 35	1 13	23 34	0 11	18 20	0 5	19 8	0 57	14 59	16 59	11 52	12 16	2 57		n.a.
S 21	3 45	26 47	5 13	7 29	3 11	10 43	0 46	25 45	3 44	9 30	1 13	23 34	0 11	18 21	0 5	19 9	0 56	14 59	16 59	11 53	12 17	3 0		n.a.
M22	3 21	28 14	4 57	7 27	3 8	11 13	0 49	25 38	3 40	9 25	1 13	23 34	0 11	18 22	0 5	19 9	0 56	15 0	16 59	11 53	12 18	3 4		n.a.
T 23	2 57	28 11	4 26	7 21	3 4	11 43	0 52	25 31	3 37	9 20	1 13	23 34	0 11	18 22	0 5	19 9	0 56	15 0	16 59	11 53	12 19	3 7		n.a.
W24	2 33	26 31	3 39	7 10	2 58	12 12	0 55	25 23	3 33	9 15	1 13	23 34	0 11	18 23	0 5	19 10	0 56	15 1	16 59	11 53	12 20	3 10		n.a.
T 25	2 9	23 14	2 39	6 53	2 51	12 41	0 59	25 16	3 30	9 11	1 14	23 34	0 11	18 23	0 5	19 10	0 56	15 1	16 59	11 52	12 21	3 14		n.a.
F 26	1 45	18 29	1 28	6 32	2 41	13 10	1 2	25 9	3 26	9 6	1 14	23 34	0 11	18 24	0 5	19 10	0 56	15 2	16 59	11 52	12 22	3 17		n.a.
S 27	1 21	12 30	0 8	6 5	2 31	13 38	1 5	25 1	3 23	9 1	1 14	23 34	0 11	18 25	0 5	19 10	0 56	15 2	16 59	11 51	12 23	3 20		n.a.
S 28	0 56	5 41	1s14	5 32	2 18	14 6	1 8	24 53	3 19	8 56	1 14	23 34	0 11	18 25	0 5	19 11	0 56	15 3	16 59	11 51	12 25	3 24		n.a.
M29	0 32	1s32	2 31	4 55	2 3	14 34	1 11	24 46	3 16	8 51	1 14	23 34	0 11	18 26	0 5	19 11	0 56	15 3	16 59	11 52	12 26	3 27		n.a.
T 30	0n 8	8s41	3s38	4s13	1s47	15s 1	1s14	24s38	3s13	8n46	1n14	23n34	0s11	18s27	0n 5	19s11	0s56	15s 4	16s59	11s53	12s27	3n31		n.a.

Julian Day Number = 1495941.5, Delta T = 05h10m50s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'58, Lahiri = -12°28'57 Julian Calendar 1 Sept. 618 BCE == Greg. Calendar 25 Aug. 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

OCTOBER 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 9 32	0♎40'58	28♎30	5°R12	7♏40	25♉11	10♍58	3♋ 2	22♏ 5	8°R54	1°R 5	29°R11	27♒37	2♈12	n.a.	W 1
T 2	0 13 28	1°41'18	13♏22	3♎55	8°53	25°37	11°11	3° 4	22° 7	8♒53	1♈ 4	29♒ 6	27°34	2°19	n.a.	T 2
F 3	0 17 25	2°41'40	27°50	2°36	10° 5	26° 3	11°23	3° 6	22°10	8°52	1° 3	29° 2	27°31	2°26	n.a.	F 3
S 4	0 21 21	3°42'03	11♐50	1°19	11°18	26°29	11°36	3° 8	22°13	8°51	1° 2	28°58	27°28	2°32	n.a.	S 4
S 5	0 25 18	4°42'28	25°22	0° 4	12°30	26°56	11°49	3°10	22°15	8°50	1° 1	28°56	27°25	2°39	n.a.	S 5
M 6	0 29 14	5°42'55	8♉27	28♍55	13°43	27°23	12° 1	3°12	22°18	8°50	1° 0	28°D56	27°22	2°46	n.a.	M 6
T 7	0 33 11	6°43'23	21° 9	27°54	14°55	27°51	12°14	3°14	22°21	8°49	0°59	28°57	27°18	2°52	n.a.	T 7
W 8	0 37 8	7°43'52	3♒32	27° 2	16° 7	28°19	12°26	3°16	22°24	8°48	0°57	28°59	27°15	2°59	n.a.	W 8
T 9	0 41 4	8°44'23	15°40	26°21	17°19	28°47	12°39	3°17	22°26	8°48	0°56	29° 0	27°12	3° 6	n.a.	T 9
F 10	0 45 1	9°44'55	27°38	25°51	18°32	29°15	12°51	3°19	22°29	8°47	0°55	29°R 1	27° 9	3°12	n.a.	F 10
S 11	0 48 57	10°45'29	9♓30	25°34	19°44	29°44	13° 3	3°20	22°32	8°47	0°54	29° 0	27° 6	3°19	n.a.	S 11
S 12	0 52 54	11°46'04	21°19	25°D27	20°56	0♒13	13°16	3°21	22°35	8°46	0°53	28°58	27° 2	3°26	n.a.	S 12
M13	0 56 50	12°46'41	3♈ 8	25°32	22° 8	0°42	13°28	3°22	22°38	8°45	0°52	28°53	26°59	3°32	n.a.	M13
T 14	1 0 47	13°47'19	14°58	25°48	23°20	1°12	13°40	3°23	22°41	8°45	0°51	28°46	26°56	3°39	n.a.	T 14
W15	1 4 43	14°47'59	26°53	26°13	24°32	1°41	13°52	3°24	22°44	8°45	0°50	28°38	26°53	3°46	n.a.	W15
T 16	1 8 40	15°48'40	8♊52	26°47	25°44	2°12	14° 4	3°25	22°47	8°44	0°48	28°28	26°50	3°52	n.a.	T 16
F 17	1 12 37	16°49'24	20°58	27°29	26°55	2°42	14°16	3°25	22°50	8°44	0°47	28°19	26°47	3°59	n.a.	F 17
S 18	1 16 33	17°50'08	3♋13	28°19	28° 7	3°12	14°28	3°26	22°53	8°43	0°46	28°10	26°43	4° 6	n.a.	S 18
S 19	1 20 30	18°50'55	15°38	29°14	29°19	3°43	14°40	3°26	22°57	8°43	0°45	28° 3	26°40	4°12	n.a.	S 19
M20	1 24 26	19°51'43	28°16	0♎15	0♐30	4°14	14°52	3°27	23° 0	8°43	0°44	27°58	26°37	4°19	n.a.	M20
T 21	1 28 23	20°52'33	11♌10	1°21	1°42	4°45	15° 4	3°27	23° 3	8°42	0°43	27°56	26°34	4°26	n.a.	T 21
W22	1 32 19	21°53'25	24°23	2°30	2°54	5°17	15°16	3°R27	23° 6	8°42	0°42	27°D55	26°31	4°32	n.a.	W22
T 23	1 36 16	22°54'18	7♎58	3°44	4° 5	5°49	15°27	3°27	23° 9	8°42	0°41	27°56	26°28	4°39	n.a.	T 23
F 24	1 40 12	23°55'13	21°57	5° 0	5°16	6°20	15°39	3°27	23°13	8°42	0°40	27°R57	26°24	4°46	n.a.	F 24
S 25	1 44 9	24°56'09	6♍20	6°19	6°28	6°53	15°50	3°27	23°16	8°42	0°39	27°57	26°21	4°52	n.a.	S 25
S 26	1 48 6	25°57'07	21° 6	7°40	7°39	7°25	16° 2	3°26	23°19	8°42	0°38	27°55	26°18	4°59	n.a.	S 26
M27	1 52 2	26°58'06	6♎ 9	9° 3	8°50	7°57	16°13	3°26	23°23	8°42	0°37	27°50	26°15	5° 6	n.a.	M27
T 28	1 55 59	27°59'06	21°20	10°27	10° 1	8°30	16°25	3°25	23°26	8°D42	0°36	27°43	26°12	5°12	n.a.	T 28
W29	1 59 55	29° 0'08	6♏31	11°53	11°12	9° 3	16°36	3°25	23°29	8°42	0°35	27°33	26° 8	5°19	n.a.	W29
T 30	2 3 52	0♏ 1'10	21°30	13°20	12°23	9°36	16°47	3°24	23°33	8°42	0°34	27°23	26° 5	5°26	n.a.	T 30
F 31	2 7 48	1♏ 2'14	6♐ 8	14♎48	13♐34	10♒ 9	16♍58	3♋23	23♏36	8♒42	0♈33	27♒13	26♒ 2	5♈32	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	0s17	15s16	4s29	3s27	1s29	15s28	1s17	24s30	3s10	8n41	1n14	23n34	0s10	18s27	0n 5	19s11	0s56	15s 4	16s59	11s55	12s28	3n34			n.a.
T 2	0 41	20 50	5 1	2 38	1 10	15 55	1 20	24 22	3 6	8 37	1 14	23 34	0 10	18 28	0 5	19 12	0 56	15 4	16 59	11 57	12 29	3 37			n.a.
F 3	1 5	25 1	5 12	1 48	0 49	16 21	1 23	24 14	3 3	8 32	1 14	23 34	0 10	18 29	0 5	19 12	0 56	15 5	16 59	11 58	12 30	3 41			n.a.
S 4	1 29	27 33	5 4	0 58	0 29	16 47	1 26	24 5	3 0	8 27	1 14	23 34	0 10	18 30	0 5	19 12	0 56	15 5	16 59	12 0	12 31	3 44			n.a.
S 5	1 54	28 21	4 40	0 9	0 8	17 12	1 29	23 57	2 57	8 22	1 14	23 34	0 10	18 30	0 5	19 12	0 56	15 6	16 59	12 0	12 32	3 47			n.a.
M 6	2 18	27 31	4 1	0n37	0n12	17 37	1 31	23 49	2 54	8 17	1 14	23 34	0 10	18 31	0 5	19 12	0 56	15 6	16 59	12 0	12 33	3 51			n.a.
T 7	2 42	25 14	3 12	1 20	0 32	18 2	1 34	23 40	2 51	8 13	1 14	23 34	0 10	18 32	0 5	19 13	0 56	15 7	16 59	12 0	12 35	3 54			n.a.
W 8	3 7	21 49	2 14	1 57	0 50	18 26	1 37	23 31	2 48	8 8	1 15	23 34	0 10	18 32	0 5	19 13	0 56	15 7	16 59	11 59	12 36	3 57			n.a.
T 9	3 31	17 30	1 12	2 29	1 6	18 50	1 40	23 22	2 45	8 3	1 15	23 34	0 10	18 33	0 5	19 13	0 56	15 7	16 59	11 59	12 37	4 1			n.a.
F 10	3 55	12 35	0 8	2 55	1 22	19 13	1 42	23 13	2 42	7 58	1 15	23 34	0 10	18 34	0 5	19 13	0 56	15 8	16 58	11 59	12 38	4 4			n.a.
S 11	4 19	7 15	0n57	3 14	1 35	19 36	1 45	23 4	2 39	7 54	1 15	23 34	0 10	18 35	0 5	19 13	0 56	15 8	16 58	11 59	12 39	4 7			n.a.
S 12	4 43	1 41	1 58	3 27	1 46	19 58	1 48	22 55	2 36	7 49	1 15	23 34	0 10	18 36	0 5	19 13	0 56	15 8	16 58	12 0	12 40	4 11			n.a.
M13	5 7	3n55	2 54	3 34	1 56	20 20	1 50	22 46	2 33	7 44	1 15	23 34	0 9	18 36	0 5	19 13	0 56	15 9	16 58	12 1	12 41	4 14			n.a.
T 14	5 31	9 23	3 43	3 35	2 4	20 41	1 53	22 37	2 30	7 40	1 15	23 34	0 9	18 37	0 5	19 13	0 56	15 9	16 58	12 4	12 42	4 17			n.a.
W15	5 55	14 33	4 22	3 30	2 10	21 1	1 55	22 27	2 27	7 35	1 15	23 34	0 9	18 38	0 5	19 14	0 56	15 10	16 58	12 7	12 43	4 21			n.a.
T 16	6 18	19 12	4 49	3 21	2 15	21 21	1 57	22 17	2 25	7 30	1 15	23 34	0 9	18 39	0 5	19 14	0 56	15 10	16 58	12 10	12 44	4 24			n.a.
F 17	6 42	23 8	5 4	3 7	2 18	21 41	2 0	22 8	2 22	7 26	1 15	23 34	0 9	18 39	0 5	19 14	0 56	15 10	16 58	12 13	12 46	4 27			n.a.
S 18	7 6	26 5	5 6	2 49	2 20	22 0	2 2	21 58	2 19	7 21	1 16	23 35	0 9	18 40	0 5	19 14	0 56	15 11	16 58	12 17	12 47	4 31			n.a.
S 19	7 29	27 50	4 53	2 28	2 21	22 18	2 4	21 48	2 16	7 17	1 16	23 35	0 9	18 41	0 5	19 14	0 56	15 11	16 58	12 19	12 48	4 34			n.a.
M20	7 52	28 11	4 25	2 3	2 21	22 36	2 6	21 38	2 14	7 12	1 16	23 35	0 9	18 42	0 5	19 14	0 56	15 11	16 57	12 21	12 49	4 37			n.a.
T 21	8 16	27 1	3 44	1 36	2 20	22 53	2 8	21 28	2 11	7 8	1 16	23 35	0 9	18 43	0 5	19 14	0 56	15 12	16 57	12 21	12 50	4 41			n.a.
W22	8 39	24 20	2 50	1 6	2 18	23 9	2 10	21 17	2 9	7 3	1 16	23 35	0 9	18 44	0 5	19 14	0 56	15 12	16 57	12 22	12 51	4 44			n.a.
T 23	9 2	20 13	1 45	0 34	2 15	23 25	2 12	21 7	2 6	6 59	1 16	23 35	0 9	18 44	0 5	19 14	0 56	15 12	16 57	12 21	12 52	4 47			n.a.
F 24	9 24	14 54	0 32	0 0	2 12	23 40	2 14	20 56	2 4	6 54	1 16	23 35	0 9	18 45	0 5	19 14	0 56	15 12	16 57	12 21	12 53	4 51			n.a.
S 25	9 47	8 37	0s45	0s35	2 8	23 55	2 16	20 46	2 1	6 50	1 16	23 35	0 8	18 46	0 5	19 14	0 56	15 13	16 57	12 21	12 54	4 54			n.a.
S 26	10 10	1 44	2 1	1 11	2 4	24 9	2 17	20 35	1 59	6 45	1 17	23 35	0 8	18 47	0 5	19 14	0 56	15 13	16 57	12 22	12 55	4 57			n.a.
M27	10 32	5s22	3 9	1 48	1 59	24 22	2 19	20 24	1 56	6 41	1 17	23 35	0 8	18 48	0 5	19 14	0 56	15 13	16 56	12 24	12 57	5 1			n.a.
T 28	10 54	12 13	4 5	2 27	1 54	24 34	2 20	20 13	1 54	6 37	1 17	23 35	0 8	18 49	0 5	19 14	0 56	15 13	16 56	12 26	12 58	5 4			n.a.
W29	11 16	18 20	4 44	3 6	1 49	24 46	2 22	20 2	1 52	6 32	1 17	23 36	0 8	18 50	0 5	19 14	0 56	15 14	16 56	12 29	12 59	5 7			n.a.
T 30	11 38	23 14	5 2	3 45	1 43	24 57	2 23	19 51	1 49	6 28	1 17	23 36	0 8	18 50	0 5	19 14	0 56	15 14	16 56	12 33	13 0	5 11			n.a.
F 31	12s 0	26s33	5s 0	4s25	1n37	25s 8	2s24	19s39	1s47	6n24	1n17	23n36	0s 8	18s51	0n 5	19s14	0s56	15s14	16s56	12s36	13s 1	5n14			n.a.

Julian Day Number = 1495971.5, Delta T = 05h10m48s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'54, Lahiri = -12°28'53 Julian Calendar 1 Oct. 618 BCE == Greg. Calendar 24 Sept. 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

NOVEMBER 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 11 45	2♏ 3'19	20♐19	16♎17	14♐45	10♒43	17♍ 9	3°R22	23♏40	8♒42	0°R32	27°R 5	25♒59	5♈39	n.a.	S 1
S 2	2 15 41	3° 4'24	4♑ 0	17°46	15°55	11°16	17°20	3♋21	23°43	8°42	0♈31	26♒59	25°56	5°46	n.a.	S 2
M 3	2 19 38	4° 5'30	17°11	19°16	17° 6	11°50	17°31	3°19	23°47	8°42	0°30	26°55	25°53	5°52	n.a.	M 3
T 4	2 23 35	5° 6'37	29°56	20°47	18°16	12°24	17°42	3°18	23°50	8°43	0°29	26°D54	25°49	5°59	n.a.	T 4
W 5	2 27 31	6° 7'44	12♒19	22°17	19°27	12°58	17°53	3°17	23°54	8°43	0°28	26°54	25°46	6° 6	n.a.	W 5
T 6	2 31 28	7° 8'52	24°26	23°49	20°37	13°32	18° 3	3°15	23°57	8°43	0°27	26°R54	25°43	6°12	n.a.	T 6
F 7	2 35 24	8°10'00	6♓21	25°20	21°47	14° 6	18°14	3°13	24° 1	8°43	0°27	26°54	25°40	6°19	n.a.	F 7
S 8	2 39 21	9°11'09	18°10	26°52	22°57	14°41	18°24	3°12	24° 4	8°44	0°26	26°52	25°37	6°26	n.a.	S 8
S 9	2 43 17	10°12'18	29°57	28°24	24° 7	15°15	18°35	3°10	24° 8	8°44	0°25	26°47	25°34	6°32	n.a.	S 9
M10	2 47 14	11°13'28	11♈47	29°56	25°17	15°50	18°45	3° 8	24°11	8°45	0°24	26°39	25°30	6°39	n.a.	M10
T 11	2 51 10	12°14'39	23°41	1♏28	26°27	16°25	18°55	3° 6	24°15	8°45	0°23	26°29	25°27	6°46	n.a.	T 11
W12	2 55 7	13°15'50	5♉43	3° 1	27°36	17° 0	19° 5	3° 3	24°18	8°46	0°22	26°16	25°24	6°53	n.a.	W12
T 13	2 59 4	14°17'01	17°53	4°33	28°45	17°35	19°15	3° 1	24°22	8°46	0°22	26° 2	25°21	6°59	n.a.	T 13
F 14	3 3 0	15°18'14	0♊13	6° 6	29°55	18°10	19°25	2°59	24°26	8°47	0°21	25°47	25°18	7° 6	n.a.	F 14
S 15	3 6 57	16°19'26	12°41	7°39	1♑ 4	18°45	19°35	2°56	24°29	8°47	0°20	25°34	25°14	7°13	n.a.	S 15
S 16	3 10 53	17°20'40	25°20	9°12	2°13	19°21	19°44	2°53	24°33	8°48	0°19	25°23	25°11	7°19	n.a.	S 16
M17	3 14 50	18°21'54	8♋10	10°45	3°22	19°56	19°54	2°51	24°36	8°49	0°19	25°15	25° 8	7°26	n.a.	M17
T 18	3 18 46	19°23'08	21°11	12°19	4°30	20°32	20° 4	2°48	24°40	8°49	0°18	25°10	25° 5	7°33	n.a.	T 18
W19	3 22 43	20°24'24	4♌26	13°52	5°39	21° 8	20°13	2°45	24°44	8°50	0°17	25° 7	25° 2	7°39	n.a.	W19
T 20	3 26 40	21°25'39	17°57	15°26	6°47	21°43	20°22	2°42	24°47	8°51	0°17	25° 7	24°59	7°46	n.a.	T 20
F 21	3 30 36	22°26'56	1♍45	17° 0	7°55	22°19	20°31	2°39	24°51	8°52	0°16	25° 7	24°55	7°53	n.a.	F 21
S 22	3 34 33	23°28'13	15°52	18°34	9° 3	22°55	20°40	2°36	24°55	8°53	0°15	25° 6	24°52	7°59	n.a.	S 22
S 23	3 38 29	24°29'30	0♎16	20° 9	10°11	23°31	20°49	2°33	24°58	8°53	0°15	25° 3	24°49	8° 6	n.a.	S 23
M24	3 42 26	25°30'48	14°57	21°44	11°19	24° 8	20°58	2°29	25° 2	8°54	0°14	24°57	24°46	8°13	n.a.	M24
T 25	3 46 22	26°32'06	29°48	23°19	12°26	24°44	21° 7	2°26	25° 5	8°55	0°13	24°48	24°43	8°19	n.a.	T 25
W26	3 50 19	27°33'24	14♏41	24°54	13°33	25°20	21°15	2°22	25° 9	8°56	0°13	24°37	24°39	8°26	n.a.	W26
T 27	3 54 15	28°34'42	29°28	26°29	14°40	25°57	21°24	2°19	25°13	8°57	0°12	24°25	24°36	8°33	n.a.	T 27
F 28	3 58 12	29°36'01	14♐ 0	28° 5	15°47	26°33	21°32	2°15	25°16	8°58	0°12	24°12	24°33	8°39	n.a.	F 28
S 29	4 2 9	0♐37'19	28°10	29°41	16°54	27°10	21°40	2°11	25°20	8°59	0°11	24° 2	24°30	8°46	n.a.	S 29
S 30	4 6 5	1♐38'38	11♑54	1♐18	18♑ 0	27♒46	21♍48	2♋ 7	25♏24	9♒ 0	0°11	23♒53	24♒27	8♈53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s21	28s 3	4s39	5s 5	1n31	25s17	2s25	19s28	1s45	6n20	1n17	23n36	0s 8	18s52	0n 5	19s14	0s56	15s14	16s55	12s39	13s 2	5n17		n.a.
S 2	12 42	27 46	4 3	5 46	1 25	25 26	2 26	19 16	1 42	6 15	1 18	23 36	0 8	18 53	0 5	19 14	0 56	15 14	16 55	12 41	13 3	5 21		n.a.
M 3	13 4	25 52	3 15	6 26	1 18	25 35	2 27	19 5	1 40	6 11	1 18	23 36	0 8	18 54	0 5	19 14	0 56	15 15	16 55	12 43	13 4	5 24		n.a.
T 4	13 24	22 42	2 18	7 7	1 12	25 42	2 28	18 53	1 38	6 7	1 18	23 36	0 8	18 55	0 5	19 14	0 56	15 15	16 55	12 43	13 5	5 27		n.a.
W 5	13 45	18 34	1 17	7 47	1 5	25 49	2 29	18 41	1 36	6 3	1 18	23 36	0 7	18 56	0 5	19 14	0 56	15 15	16 55	12 43	13 6	5 30		n.a.
T 6	14 5	13 46	0 13	8 28	0 58	25 55	2 30	18 29	1 34	5 59	1 18	23 37	0 7	18 57	0 5	19 14	0 56	15 15	16 54	12 43	13 7	5 34		n.a.
F 7	14 25	8 32	0n50	9 8	0 51	26 1	2 30	18 17	1 31	5 55	1 18	23 37	0 7	18 58	0 5	19 13	0 56	15 15	16 54	12 43	13 9	5 37		n.a.
S 8	14 45	3 3	1 50	9 48	0 44	26 5	2 30	18 5	1 29	5 51	1 19	23 37	0 7	18 58	0 5	19 13	0 56	15 15	16 54	12 44	13 10	5 40		n.a.
S 9	15 5	2n31	2 46	10 28	0 38	26 9	2 31	17 52	1 27	5 47	1 19	23 37	0 7	18 59	0 5	19 13	0 56	15 15	16 54	12 45	13 11	5 44		n.a.
M10	15 24	8 0	3 34	11 7	0 31	26 12	2 31	17 40	1 25	5 43	1 19	23 37	0 7	19 0	0 5	19 13	0 56	15 16	16 53	12 48	13 12	5 47		n.a.
T 11	15 43	13 14	4 13	11 47	0 24	26 14	2 31	17 27	1 23	5 39	1 19	23 37	0 7	19 1	0 5	19 13	0 56	15 16	16 53	12 52	13 13	5 50		n.a.
W12	16 2	18 1	4 41	12 25	0 17	26 16	2 31	17 15	1 21	5 35	1 19	23 37	0 7	19 2	0 5	19 13	0 56	15 16	16 53	12 56	13 14	5 54		n.a.
T 13	16 21	22 8	4 57	13 4	0 10	26 17	2 31	17 2	1 19	5 32	1 20	23 38	0 7	19 3	0 5	19 13	0 56	15 16	16 53	13 1	13 15	5 57		n.a.
F 14	16 39	25 20	4 59	13 41	0 3	26 17	2 31	16 49	1 17	5 28	1 20	23 38	0 7	19 4	0 5	19 12	0 56	15 16	16 52	13 6	13 16	6 0		n.a.
S 15	16 57	27 22	4 47	14 19	0s 4	26 16	2 30	16 36	1 15	5 24	1 20	23 38	0 6	19 5	0 5	19 12	0 55	15 16	16 52	13 10	13 17	6 3		n.a.
S 16	17 15	28 2	4 21	14 55	0 10	26 15	2 30	16 23	1 13	5 20	1 20	23 38	0 6	19 6	0 5	19 12	0 55	15 16	16 52	13 14	13 18	6 7		n.a.
M17	17 32	27 11	3 41	15 31	0 17	26 13	2 29	16 10	1 12	5 17	1 20	23 38	0 6	19 6	0 5	19 12	0 55	15 16	16 52	13 17	13 19	6 10		n.a.
T 18	17 49	24 51	2 49	16 7	0 23	26 10	2 28	15 57	1 10	5 13	1 20	23 38	0 6	19 7	0 5	19 12	0 55	15 16	16 51	13 19	13 20	6 13		n.a.
W19	18 6	21 9	1 47	16 42	0 30	26 6	2 28	15 43	1 8	5 10	1 21	23 38	0 6	19 8	0 5	19 11	0 55	15 16	16 51	13 20	13 21	6 16		n.a.
T 20	18 22	16 16	0 38	17 16	0 36	26 2	2 27	15 30	1 6	5 6	1 21	23 39	0 6	19 9	0 5	19 11	0 55	15 16	16 51	13 20	13 23	6 20		n.a.
F 21	18 38	10 27	0s35	17 49	0 42	25 57	2 26	15 17	1 4	5 3	1 21	23 39	0 6	19 10	0 5	19 11	0 55	15 16	16 50	13 20	13 24	6 23		n.a.
S 22	18 54	4 0	1 47	18 22	0 48	25 51	2 24	15 3	1 3	4 59	1 21	23 39	0 6	19 11	0 5	19 11	0 55	15 16	16 50	13 20	13 25	6 26		n.a.
S 23	19 9	2s46	2 54	18 54	0 54	25 45	2 23	14 49	1 1	4 56	1 21	23 39	0 6	19 12	0 5	19 10	0 55	15 16	16 50	13 21	13 26	6 30		n.a.
M24	19 24	9 30	3 51	19 25	1 0	25 38	2 21	14 35	0 59	4 53	1 22	23 39	0 6	19 13	0 5	19 10	0 55	15 16	16 49	13 23	13 27	6 33		n.a.
T 25	19 39	15 47	4 32	19 55	1 5	25 30	2 20	14 22	0 57	4 49	1 22	23 39	0 5	19 14	0 5	19 10	0 55	15 16	16 49	13 26	13 28	6 36		n.a.
W26	19 53	21 10	4 56	20 24	1 11	25 21	2 18	14 8	0 56	4 46	1 22	23 40	0 5	19 15	0 5	19 10	0 55	15 16	16 49	13 30	13 29	6 39		n.a.
T 27	20 7	25 10	4 59	20 52	1 16	25 12	2 16	13 54	0 54	4 43	1 22	23 40	0 5	19 15	0 5	19 9	0 55	15 16	16 49	13 34	13 30	6 43		n.a.
F 28	20 21	27 28	4 43	21 20	1 21	25 2	2 14	13 39	0 52	4 40	1 23	23 40	0 5	19 16	0 5	19 9	0 55	15 16	16 48	13 38	13 31	6 46		n.a.
S 29	20 34	27 55	4 9	21 46	1 26	24 52	2 12	13 25	0 51	4 37	1 23	23 40	0 5	19 17	0 5	19 9	0 55	15 16	16 48	13 42	13 32	6 49		n.a.
S 30	20s47	26s35	3s22	22s11	1s31	24s41	2s 9	13s11	0s49	4n34	1n23	23n40	0s 5	19s18	0n 5	19s 8	0s55	15s16	16s48	13s45	13s33	6n52		n.a.

Julian Day Number = 1496002.5, Delta T = 05h10m47s
Ecliptic obliquity = 23°46'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'50, Lahiri = -12°28'49 Julian Calendar 1 Nov. 618 BCE == Greg. Calendar 25 Oct. 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 618 BCE
geocentric

DECEMBER 618 BCE (-617) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 10 2	2♐39'55	25♉10	2♐55	19♉ 6	28♒23	21♍56	2°R 4	25♏27	9♒ 2	0°R10	23°R48	24♒24	9♈ 0	n.a.	M 1
T 2	4 13 58	3°41'13	8♒ 0	4°32	20°12	29° 0	22° 4	29♋ 0	25°31	9° 3	0♈10	23♒45	24°20	9° 6	n.a.	T 2
W 3	4 17 55	4°42'29	20°27	6° 9	21°18	29°37	22°11	1°56	25°34	9° 4	0°10	23°D44	24°17	9°13	n.a.	W 3
T 4	4 21 51	5°43'46	2♓37	7°47	22°23	0♓14	22°19	1°51	25°38	9° 5	0° 9	23°R44	24°14	9°20	n.a.	T 4
F 5	4 25 48	6°45'01	14°34	9°26	23°28	0°51	22°26	1°47	25°42	9° 6	0° 9	23°44	24°11	9°26	n.a.	F 5
S 6	4 29 45	7°46'16	26°24	11° 4	24°33	1°28	22°34	1°43	25°45	9° 8	0° 8	23°42	24° 8	9°33	n.a.	S 6
S 7	4 33 41	8°47'31	8♈12	12°43	25°38	2° 5	22°41	1°39	25°49	9° 9	0° 8	23°39	24° 5	9°40	n.a.	S 7
M 8	4 37 38	9°48'44	20° 4	14°23	26°42	2°42	22°48	1°34	25°52	9°10	0° 8	23°32	24° 1	9°46	n.a.	M 8
T 9	4 41 34	10°49'57	2♉ 3	16° 3	27°46	3°19	22°54	1°30	25°56	9°12	0° 8	23°23	23°58	9°53	n.a.	T 9
W10	4 45 31	11°51'10	14°11	17°43	28°49	3°57	23° 1	1°26	25°59	9°13	0° 7	23°11	23°55	10° 0	n.a.	W10
T 11	4 49 27	12°52'22	26°32	19°24	29°53	4°34	23° 8	1°21	26° 3	9°15	0° 7	22°58	23°52	10° 6	n.a.	T 11
F 12	4 53 24	13°53'33	9♊ 6	21° 5	0♒55	5°11	23°14	1°17	26° 6	9°16	0° 7	22°45	23°49	10°13	n.a.	F 12
S 13	4 57 20	14°54'43	21°53	22°46	1°58	5°49	23°20	1°12	26°10	9°17	0° 7	22°33	23°45	10°20	n.a.	S 13
S 14	5 1 17	15°55'53	4♋52	24°27	3° 0	6°26	23°26	1° 7	26°13	9°19	0° 6	22°23	23°42	10°26	n.a.	S 14
M15	5 5 14	16°57'03	18° 3	26° 9	4° 2	7° 4	23°32	1° 3	26°17	9°21	0° 6	22°15	23°39	10°33	n.a.	M15
T 16	5 9 10	17°58'12	1♌24	27°51	5° 3	7°41	23°38	0°58	26°20	9°22	0° 6	22°11	23°36	10°40	n.a.	T 16
W17	5 13 7	18°59'20	14°54	29°33	6° 4	8°19	23°43	0°53	26°24	9°24	0° 6	22° 9	23°33	10°47	n.a.	W17
T 18	5 17 3	20° 0'27	28°35	1♉15	7° 5	8°57	23°49	0°48	26°27	9°25	0° 6	22°D 8	23°30	10°53	n.a.	T 18
F 19	5 21 0	21° 1'34	12♍25	2°56	8° 5	9°34	23°54	0°44	26°31	9°27	0° 6	22° 9	23°26	11° 0	n.a.	F 19
S 20	5 24 56	22° 2'41	26°26	4°38	9° 4	10°12	23°59	0°39	26°34	9°29	0° 6	22°R 9	23°23	11° 7	n.a.	S 20
S 21	5 28 53	23° 3'47	10♎37	6°18	10° 3	10°50	24° 4	0°34	26°37	9°30	0° 6	22° 8	23°20	11°13	n.a.	S 21
M22	5 32 49	24° 4'52	24°56	7°58	11° 2	11°27	24° 9	0°29	26°41	9°32	0°D 6	22° 4	23°17	11°20	n.a.	M22
T 23	5 36 46	25° 5'56	9♏20	9°37	12° 0	12° 5	24°14	0°24	26°44	9°34	0° 6	21°58	23°14	11°27	n.a.	T 23
W24	5 40 43	26° 7'00	23°45	11°14	12°58	12°43	24°18	0°19	26°47	9°35	0° 6	21°50	23°11	11°33	n.a.	W24
T 25	5 44 39	27° 8'03	8♐ 6	12°50	13°55	13°21	24°22	0°14	26°51	9°37	0° 6	21°41	23° 7	11°40	n.a.	T 25
F 26	5 48 36	28° 9'05	22°15	14°24	14°51	13°59	24°26	0°10	26°54	9°39	0° 6	21°31	23° 4	11°47	n.a.	F 26
S 27	5 52 32	29°10'06	6♉ 9	15°55	15°47	14°37	24°30	0° 5	26°57	9°41	0° 6	21°23	23° 1	11°53	n.a.	S 27
S 28	5 56 29	0♉11'05	19°42	17°23	16°43	15°15	24°34	29♊59	27° 0	9°43	0° 6	21°17	22°58	12° 0	n.a.	S 28
M29	6 0 25	1°12'04	2♒54	18°47	17°37	15°53	24°38	29°55	27° 3	9°45	0° 6	21°12	22°55	12° 7	n.a.	M29
T 30	6 4 22	2°13'01	15°43	20° 7	18°31	16°31	24°41	29°50	27° 7	9°46	0° 7	21°D11	22°52	12°13	n.a.	T 30
W31	6 8 19	3♉13'56	28♒11	21♉22	19♒25	17♓ 9	24♍44	29♊45	27♏10	9♒48	0♈ 7	21♒11	22♒48	12♈20	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s59	23s46	2s25	22s35	1s35	24s29	2s 7	12s56	0s48	4n31	1n23	23n40	0s 5	19s19	0n 5	19s 8	0s55	15s15	16s47	13s46	13s34	6n56		n.a.
T 2	21 11	19 51	1 22	22 58	1 39	24 17	2 4	12 42	0 46	4 28	1 23	23 41	0 5	19 20	0 5	19 8	0 55	15 15	16 47	13 47	13 35	6 59		n.a.
W 3	21 22	15 9	0 17	23 19	1 43	24 4	2 2	12 27	0 44	4 25	1 24	23 41	0 5	19 21	0 5	19 7	0 55	15 15	16 47	13 48	13 37	7 2		n.a.
T 4	21 34	9 57	0n47	23 40	1 47	23 50	1 59	12 13	0 43	4 22	1 24	23 41	0 5	19 22	0 5	19 7	0 55	15 15	16 46	13 48	13 38	7 5		n.a.
F 5	21 44	4 30	1 48	23 59	1 50	23 36	1 56	11 58	0 41	4 20	1 24	23 41	0 4	19 23	0 5	19 7	0 55	15 15	16 46	13 48	13 39	7 9		n.a.
S 6	21 55	1n 3	2 44	24 17	1 53	23 21	1 52	11 43	0 40	4 17	1 24	23 41	0 4	19 23	0 5	19 6	0 55	15 15	16 46	13 48	13 40	7 12		n.a.
S 7	22 4	6 33	3 32	24 33	1 56	23 6	1 49	11 29	0 38	4 14	1 25	23 41	0 4	19 24	0 4	19 6	0 55	15 15	16 45	13 50	13 41	7 15		n.a.
M 8	22 14	11 50	4 12	24 48	1 58	22 50	1 46	11 14	0 37	4 12	1 25	23 42	0 4	19 25	0 4	19 6	0 55	15 14	16 45	13 52	13 42	7 18		n.a.
T 9	22 23	16 44	4 41	25 1	2 0	22 34	1 42	10 59	0 36	4 9	1 25	23 42	0 4	19 26	0 4	19 5	0 55	15 14	16 45	13 55	13 43	7 22		n.a.
W10	22 31	21 2	4 58	25 13	2 2	22 17	1 38	10 44	0 34	4 7	1 25	23 42	0 4	19 27	0 4	19 5	0 55	15 14	16 44	13 59	13 44	7 25		n.a.
T 11	22 39	24 31	5 1	25 23	2 3	21 59	1 34	10 29	0 33	4 4	1 26	23 42	0 4	19 28	0 4	19 4	0 55	15 14	16 44	14 3	13 45	7 28		n.a.
F 12	22 47	26 53	4 49	25 31	2 4	21 41	1 30	10 13	0 31	4 2	1 26	23 42	0 4	19 29	0 4	19 4	0 55	15 13	16 44	14 7	13 46	7 31		n.a.
S 13	22 54	27 54	4 23	25 38	2 4	21 23	1 26	9 58	0 30	4 0	1 26	23 42	0 4	19 29	0 4	19 4	0 55	15 13	16 43	14 11	13 47	7 35		n.a.
S 14	23 1	27 24	3 43	25 43	2 4	21 4	1 21	9 43	0 29	3 58	1 26	23 43	0 3	19 30	0 4	19 3	0 55	15 13	16 43	14 15	13 48	7 38		n.a.
M15	23 7	25 21	2 51	25 46	2 3	20 45	1 17	9 28	0 27	3 55	1 27	23 43	0 3	19 31	0 4	19 3	0 55	15 13	16 42	14 17	13 49	7 41		n.a.
T 16	23 13	21 53	1 48	25 47	2 2	20 26	1 12	9 12	0 26	3 53	1 27	23 43	0 3	19 32	0 4	19 2	0 55	15 12	16 42	14 19	13 50	7 44		n.a.
W17	23 18	17 12	0 38	25 47	2 0	20 6	1 7	8 57	0 25	3 51	1 27	23 43	0 3	19 33	0 4	19 2	0 55	15 12	16 42	14 19	13 51	7 47		n.a.
T 18	23 23	11 36	0s34	25 44	1 58	19 45	1 2	8 41	0 23	3 49	1 27	23 43	0 3	19 34	0 4	19 1	0 55	15 12	16 41	14 19	13 52	7 51		n.a.
F 19	23 28	5 22	1 46	25 39	1 55	19 25	0 57	8 26	0 22	3 48	1 28	23 43	0 3	19 34	0 4	19 1	0 55	15 12	16 41	14 19	13 54	7 54		n.a.
S 20	23 32	1s12	2 52	25 33	1 52	19 4	0 51	8 10	0 21	3 46	1 28	23 43	0 3	19 35	0 4	19 1	0 55	15 11	16 41	14 19	13 55	7 57		n.a.
S 21	23 35	7 45	3 49	25 24	1 47	18 42	0 46	7 55	0 20	3 44	1 28	23 43	0 3	19 36	0 4	19 0	0 55	15 11	16 40	14 20	13 56	8 0		n.a.
M22	23 38	13 59	4 32	25 14	1 42	18 20	0 40	7 39	0 18	3 42	1 28	23 44	0 3	19 37	0 4	19 0	0 55	15 11	16 40	14 21	13 57	8 4		n.a.
T 23	23 41	19 29	4 58	25 1	1 36	17 58	0 34	7 23	0 17	3 41	1 29	23 44	0 3	19 38	0 4	18 59	0 55	15 10	16 40	14 23	13 58	8 7		n.a.
W24	23 43	23 53	5 5	24 47	1 30	17 36	0 28	7 7	0 16	3 39	1 29	23 44	0 2	19 38	0 4	18 59	0 55	15 10	16 39	14 25	13 59	8 10		n.a.
T 25	23 44	26 46	4 53	24 31	1 22	17 14	0 22	6 52	0 15	3 38	1 29	23 44	0 2	19 39	0 4	18 58	0 55	15 10	16 39	14 29	14 0	8 13		n.a.
F 26	23 46	27 55	4 23	24 13	1 14	16 51	0 15	6 36	0 14	3 36	1 30	23 44	0 2	19 40	0 4	18 58	0 55	15 9	16 38	14 32	14 1	8 16		n.a.
S 27	23 46	27 15	3 38	23 53	1 5	16 28	0 9	6 20	0 12	3 35	1 30	23 44	0 2	19 41	0 4	18 57	0 55	15 9	16 38	14 34	14 2	8 20		n.a.
S 28	23 46	24 57	2 41	23 32	0 55	16 5	0 2	6 4	0 11	3 34	1 30	23 44	0 2	19 41	0 4	18 57	0 55	15 8	16 38	14 36	14 3	8 23		n.a.
M29	23 46	21 21	1 37	23 9	0 44	15 41	0n 5	5 48	0 10	3 33	1 30	23 44	0 2	19 42	0 4	18 56	0 55	15 8	16 37	14 38	14 4	8 26		n.a.
T 30	23 45	16 49	0 29	22 46	0 32	15 18	0 12	5 32	0 9	3 31	1 31	23 45	0 2	19 43	0 4	18 56	0 55	15 8	16 37	14 38	14 5	8 29		n.a.
W31	23s44	11s41	0n38	22s22	0s19	14s54	0n19	5s16	0s 8	3n30	1n31	23n45	0s 2	19s44	0n 4	18s55	0s55	15s 7	16s37	14s38	14s 6	8n32		n.a.

Julian Day Number = 1496032.5, Delta T = 05h10m46s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'45, Lahiri = -12°28'45 Julian Calendar 1 Dec. 618 BCE == Greg. Calendar 24 Nov. 618 BCE

The year -617 astronomical counting style corresponds to year 618 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

JANUARY 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 12 15	4♉14'50	10♓23	22♉31	20♒17	17♓47	24♍47	29°R40	27♏13	9♒50	0♈ 7	21♒12	22♒45	12♈27	n.a.	T 1
F 2	6 16 12	5°15'42	22°23	23°33	21° 9	18°25	24°50	29♊35	27°16	9°52	0° 7	21°13	22°42	12°34	n.a.	F 2
S 3	6 20 8	6°16'32	4♈15	24°28	22° 0	19° 3	24°53	29°30	27°19	9°54	0° 8	21°R14	22°39	12°40	n.a.	S 3
S 4	6 24 5	7°17'21	16° 5	25°15	22°51	19°41	24°55	29°25	27°22	9°56	0° 8	21°14	22°36	12°47	n.a.	S 4
M 5	6 28 1	8°18'08	27°58	25°53	23°40	20°19	24°58	29°21	27°25	9°58	0° 8	21°11	22°32	12°54	n.a.	M 5
T 6	6 31 58	9°18'54	9♉59	26°22	24°29	20°57	25° 0	29°16	27°28	10° 0	0° 8	21° 7	22°29	13° 0	n.a.	T 6
W 7	6 35 54	10°19'38	22°12	26°40	25°16	21°36	25° 2	29°11	27°31	10° 2	0° 9	21° 1	22°26	13° 7	n.a.	W 7
T 8	6 39 51	11°20'20	4♊40	26°R48	26° 3	22°14	25° 3	29° 6	27°34	10° 4	0° 9	20°55	22°23	13°14	n.a.	T 8
F 9	6 43 48	12°21'01	17°24	26°45	26°49	22°52	25° 5	29° 2	27°36	10° 6	0°10	20°47	22°20	13°20	n.a.	F 9
S 10	6 47 44	13°21'39	0♋27	26°32	27°34	23°30	25° 6	28°57	27°39	10° 8	0°10	20°41	22°17	13°27	n.a.	S 10
S 11	6 51 41	14°22'17	13°46	26° 7	28°17	24° 8	25° 8	28°52	27°42	10°10	0°10	20°35	22°13	13°34	n.a.	S 11
M12	6 55 37	15°22'52	27°20	25°34	29° 0	24°47	25° 9	28°48	27°45	10°12	0°11	20°31	22°10	13°41	n.a.	M12
T 13	6 59 34	16°23'26	11♌ 7	24°51	29°41	25°25	25° 9	28°43	27°47	10°15	0°11	20°29	22° 7	13°47	n.a.	T 13
W14	7 3 30	17°23'59	25° 4	24° 0	0♓22	26° 3	25°10	28°39	27°50	10°17	0°12	20°D29	22° 4	13°54	n.a.	W14
T 15	7 7 27	18°24'29	9♍ 8	23° 2	1° 1	26°41	25°11	28°34	27°53	10°19	0°12	20°30	22° 1	14° 1	n.a.	T 15
F 16	7 11 23	19°24'59	23°16	22° 0	1°39	27°20	25°11	28°30	27°55	10°21	0°13	20°32	21°57	14° 7	n.a.	F 16
S 17	7 15 20	20°25'26	7♎26	20°54	2°15	27°58	25°R11	28°25	27°58	10°23	0°13	20°33	21°54	14°14	n.a.	S 17
S 18	7 19 17	21°25'53	21°37	19°47	2°50	28°36	25°11	28°21	28° 0	10°25	0°14	20°R34	21°51	14°21	n.a.	S 18
M19	7 23 13	22°26'18	5♏46	18°40	3°24	29°14	25°10	28°17	28° 3	10°27	0°15	20°33	21°48	14°27	n.a.	M19
T 20	7 27 10	23°26'41	19°51	17°35	3°56	29°53	25°10	28°12	28° 5	10°30	0°15	20°31	21°45	14°34	n.a.	T 20
W21	7 31 6	24°27'03	3♐50	16°33	4°27	0♈31	25° 9	28° 8	28° 8	10°32	0°16	20°28	21°42	14°41	n.a.	W21
T 22	7 35 3	25°27'24	17°42	15°36	4°56	1° 9	25° 8	28° 4	28°10	10°34	0°17	20°24	21°38	14°47	n.a.	T 22
F 23	7 38 59	26°27'42	1♑22	14°44	5°23	1°48	25° 7	28° 0	28°13	10°36	0°17	20°20	21°35	14°54	n.a.	F 23
S 24	7 42 56	27°27'59	14°49	13°59	5°49	2°26	25° 6	27°56	28°15	10°38	0°18	20°17	21°32	15° 1	n.a.	S 24
S 25	7 46 53	28°28'15	28° 1	13°20	6°13	3° 4	25° 5	27°52	28°17	10°41	0°19	20°14	21°29	15° 8	n.a.	S 25
M26	7 50 49	29°28'28	10♒57	12°48	6°35	3°43	25° 3	27°48	28°19	10°43	0°19	20°13	21°26	15°14	n.a.	M26
T 27	7 54 46	0♒28'39	23°36	12°23	6°55	4°21	25° 1	27°45	28°21	10°45	0°20	20°D13	21°23	15°21	n.a.	T 27
W28	7 58 42	1°28'48	6♓ 0	12° 5	7°13	5° 0	24°59	27°41	28°24	10°47	0°21	20°14	21°19	15°28	n.a.	W28
T 29	8 2 39	2°28'54	18°10	11°54	7°30	5°38	24°57	27°37	28°26	10°50	0°22	20°15	21°16	15°34	n.a.	T 29
F 30	8 6 35	3°28'59	0♈10	11°D50	7°44	6°16	24°54	27°34	28°28	10°52	0°23	20°16	21°13	15°41	n.a.	F 30
S 31	8 10 32	4♒29'01	12♈ 3	11♉53	7♓56	6♈55	24♍52	27♊31	28♏30	10♒54	0♈23	20♒18	21♒10	15♈48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s42	6 s12	1n42	21 s57	0 s 5	14 s30	0n27	5 s 0	0 s 7	3n29	1n31	23n45	0 s 2	19 s44	0n 4	18 s55	0 s55	15 s 7	16 s36	14 s38	14 s 7	8n35			n.a.
F 2	23 40	0 37	2 41	21 32	0n 9	14 6	0 34	4 44	0 6	3 29	1 32	23 45	0 1	19 45	0 4	18 54	0 55	15 6	16 36	14 37	14 8	8 39			n.a.
S 3	23 37	4n56	3 32	21 7	0 25	13 42	0 42	4 28	0 5	3 28	1 32	23 45	0 1	19 46	0 4	18 53	0 55	15 6	16 36	14 37	14 9	8 42			n.a.
S 4	23 34	10 18	4 13	20 43	0 41	13 18	0 50	4 12	0 4	3 27	1 32	23 45	0 1	19 46	0 4	18 53	0 55	15 6	16 35	14 37	14 10	8 45			n.a.
M 5	23 30	15 19	4 45	20 19	0 58	12 54	0 58	3 56	0 3	3 26	1 32	23 45	0 1	19 47	0 4	18 52	0 55	15 5	16 35	14 38	14 11	8 48			n.a.
T 6	23 26	19 48	5 4	19 57	1 15	12 30	1 6	3 39	0 2	3 26	1 33	23 45	0 1	19 48	0 4	18 52	0 55	15 5	16 35	14 39	14 13	8 51			n.a.
W 7	23 22	23 33	5 9	19 36	1 32	12 6	1 15	3 23	0 1	3 25	1 33	23 45	0 1	19 48	0 4	18 51	0 55	15 4	16 34	14 41	14 14	8 55			n.a.
T 8	23 17	26 17	5 1	19 18	1 50	11 42	1 24	3 7	0n 0	3 25	1 33	23 45	0 1	19 49	0 4	18 51	0 55	15 4	16 34	14 43	14 15	8 58			n.a.
F 9	23 11	27 46	4 37	19 1	2 7	11 18	1 32	2 51	0 1	3 24	1 33	23 45	0 1	19 50	0 4	18 50	0 55	15 3	16 33	14 46	14 16	9 1			n.a.
S 10	23 5	27 45	3 59	18 47	2 24	10 54	1 41	2 35	0 2	3 24	1 34	23 46	0 1	19 50	0 4	18 50	0 55	15 3	16 33	14 48	14 17	9 4			n.a.
S 11	22 59	26 8	3 7	18 36	2 40	10 30	1 51	2 18	0 3	3 24	1 34	23 46	0 0	19 51	0 4	18 49	0 55	15 2	16 33	14 50	14 18	9 7			n.a.
M12	22 52	22 59	2 3	18 27	2 55	10 7	2 0	2 2	0 4	3 24	1 34	23 46	0 0	19 52	0 4	18 48	0 55	15 2	16 32	14 51	14 19	9 10			n.a.
T 13	22 45	18 29	0 51	18 22	3 9	9 43	2 9	1 46	0 5	3 24	1 35	23 46	0 0	19 52	0 4	18 48	0 55	15 1	16 32	14 52	14 20	9 13			n.a.
W14	22 37	12 57	0 s25	18 19	3 21	9 20	2 19	1 30	0 6	3 24	1 35	23 46	0 0	19 53	0 4	18 47	0 55	15 1	16 32	14 52	14 21	9 17			n.a.
T 15	22 29	6 43	1 40	18 18	3 31	8 57	2 29	1 14	0 7	3 24	1 35	23 46	0n 0	19 54	0 4	18 47	0 55	15 0	16 31	14 51	14 22	9 20			n.a.
F 16	22 21	0 7	2 50	18 20	3 40	8 34	2 39	0 57	0 8	3 24	1 35	23 46	0 0	19 54	0 4	18 46	0 55	15 0	16 31	14 51	14 23	9 23			n.a.
S 17	22 12	6 s29	3 49	18 24	3 46	8 12	2 49	0 41	0 9	3 24	1 36	23 46	0 0	19 55	0 4	18 45	0 55	14 59	16 31	14 50	14 24	9 26			n.a.
S 18	22 2	12 46	4 34	18 30	3 49	7 49	2 59	0 25	0 10	3 24	1 36	23 46	0 0	19 55	0 4	18 45	0 55	14 59	16 30	14 50	14 25	9 29			n.a.
M19	21 52	18 22	5 3	18 38	3 51	7 27	3 10	0 9	0 11	3 25	1 36	23 46	0 0	19 56	0 4	18 44	0 55	14 58	16 30	14 50	14 26	9 32			n.a.
T 20	21 42	22 58	5 13	18 48	3 50	7 6	3 20	0n 8	0 12	3 25	1 37	23 46	0 1	19 56	0 4	18 44	0 55	14 58	16 30	14 51	14 27	9 35			n.a.
W21	21 32	26 12	5 5	18 58	3 47	6 45	3 31	0 24	0 12	3 26	1 37	23 46	0 1	19 57	0 4	18 43	0 55	14 57	16 29	14 52	14 28	9 39			n.a.
T 22	21 21	27 49	4 39	19 10	3 42	6 24	3 42	0 40	0 13	3 26	1 37	23 46	0 1	19 58	0 4	18 42	0 55	14 56	16 29	14 53	14 29	9 42			n.a.
F 23	21 9	27 43	3 57	19 22	3 36	6 4	3 53	0 56	0 14	3 27	1 37	23 46	0 1	19 58	0 4	18 42	0 55	14 56	16 29	14 55	14 30	9 45			n.a.
S 24	20 57	25 57	3 3	19 35	3 28	5 44	4 4	1 13	0 15	3 28	1 38	23 46	0 1	19 59	0 4	18 41	0 55	14 55	16 28	14 56	14 31	9 48			n.a.
S 25	20 45	22 47	1 59	19 48	3 18	5 25	4 15	1 29	0 16	3 29	1 38	23 46	0 1	19 59	0 4	18 41	0 55	14 55	16 28	14 56	14 32	9 51			n.a.
M26	20 33	18 32	0 51	20 2	3 8	5 6	4 26	1 45	0 17	3 30	1 38	23 46	0 1	20 0	0 4	18 40	0 55	14 54	16 28	14 57	14 33	9 54			n.a.
T 27	20 20	13 33	0n19	20 15	2 57	4 48	4 38	2 1	0 17	3 31	1 39	23 46	0 1	20 0	0 4	18 39	0 55	14 54	16 27	14 57	14 34	9 57			n.a.
W28	20 6	8 6	1 26	20 28	2 45	4 31	4 49	2 17	0 18	3 32	1 39	23 46	0 1	20 1	0 4	18 39	0 55	14 53	16 27	14 57	14 35	10 0			n.a.
T 29	19 53	2 28	2 28	20 42	2 33	4 14	5 1	2 33	0 19	3 33	1 39	23 47	0 2	20 1	0 4	18 38	0 55	14 52	16 27	14 56	14 36	10 4			n.a.
F 30	19 39	3n10	3 23	20 55	2 20	3 58	5 12	2 49	0 20	3 34	1 39	23 47	0 2	20 2	0 4	18 37	0 55	14 52	16 27	14 56	14 37	10 7			n.a.
S 31	19 s24	8n38	4n 9	21 s 7	2n 7	3 s43	5n24	3n 6	0n20	3n35	1n40	23n47	0n 2	20 s 2	0n 4	18 s37	0 s55	14 s51	16 s26	14 s55	14 s39	10n10			n.a.

Julian Day Number = 1496063.5, Delta T = 05h10m44s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'41, Lahiri = -12°28'41 Julian Calendar 1 Jan. 617 BCE == Greg. Calendar 25 Dec. 618 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

FEBRUARY 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 14 28	5♒29'01	23♈54	12♉ 1	8♓ 5	7♈33	24°R49	27°R27	28♏32	10♒56	0♈24	20♒19	21♒ 7	15♈54	n.a.	S 1
M 2	8 18 25	6°28'59	5♉47	12°15	8°13	8°11	24♍46	27♊24	28°33	10°59	0°25	20°R19	21° 3	16° 1	n.a.	M 2
T 3	8 22 21	7°28'55	17°48	12°35	8°18	8°50	24°43	27°21	28°35	11° 1	0°26	20°19	21° 0	16° 8	n.a.	T 3
W 4	8 26 18	8°28'48	0♊ 0	13° 0	8°20	9°28	24°40	27°18	28°37	11° 3	0°27	20°18	20°57	16°15	n.a.	W 4
T 5	8 30 15	9°28'39	12°29	13°30	8°R20	10° 6	24°36	27°15	28°39	11° 6	0°28	20°17	20°54	16°21	n.a.	T 5
F 6	8 34 11	10°28'28	25°17	14° 4	8°18	10°45	24°33	27°12	28°41	11° 8	0°29	20°15	20°51	16°28	n.a.	F 6
S 7	8 38 8	11°28'14	8♋26	14°43	8°13	11°23	24°29	27° 9	28°42	11°10	0°30	20°14	20°48	16°35	n.a.	S 7
S 8	8 42 4	12°27'58	21°58	15°25	8° 6	12° 1	24°25	27° 6	28°44	11°12	0°31	20°13	20°44	16°41	n.a.	S 8
M 9	8 46 1	13°27'40	5♌50	16°11	7°56	12°40	24°21	27° 4	28°45	11°15	0°32	20°13	20°41	16°48	n.a.	M 9
T 10	8 49 57	14°27'19	20° 1	17° 1	7°44	13°18	24°17	27° 1	28°47	11°17	0°33	20°D12	20°38	16°55	n.a.	T 10
W11	8 53 54	15°26'57	4♍26	17°54	7°29	13°56	24°12	26°59	28°48	11°19	0°34	20°13	20°35	17° 1	n.a.	W11
T 12	8 57 50	16°26'32	18°58	18°50	7°12	14°35	24° 7	26°56	28°50	11°21	0°35	20°13	20°32	17° 8	n.a.	T 12
F 13	9 1 47	17°26'06	3♎34	19°48	6°52	15°13	24° 3	26°54	28°51	11°24	0°36	20°13	20°29	17°15	n.a.	F 13
S 14	9 5 44	18°25'37	18° 5	20°50	6°30	15°51	23°58	26°52	28°53	11°26	0°37	20°13	20°25	17°22	n.a.	S 14
S 15	9 9 40	19°25'07	2♏29	21°54	6° 5	16°30	23°53	26°50	28°54	11°28	0°38	20°14	20°22	17°28	n.a.	S 15
M16	9 13 37	20°24'35	16°42	23° 0	5°39	17° 8	23°47	26°48	28°55	11°31	0°39	20°14	20°19	17°35	n.a.	M16
T 17	9 17 33	21°24'01	0♐42	24° 9	5°11	17°46	23°42	26°46	28°56	11°33	0°40	20°14	20°16	17°42	n.a.	T 17
W18	9 21 30	22°23'25	14°26	25°19	4°40	18°25	23°37	26°44	28°57	11°35	0°41	20°14	20°13	17°48	n.a.	W18
T 19	9 25 26	23°22'47	27°57	26°32	4° 8	19° 3	23°31	26°43	28°58	11°37	0°42	20°14	20° 9	17°55	n.a.	T 19
F 20	9 29 23	24°22'08	11♑12	27°47	3°35	19°41	23°25	26°41	28°59	11°39	0°43	20°14	20° 6	18° 2	n.a.	F 20
S 21	9 33 19	25°21'26	24°14	29° 4	3° 0	20°20	23°19	26°40	29° 0	11°42	0°44	20°15	20° 3	18° 8	n.a.	S 21
S 22	9 37 16	26°20'43	7♒ 2	0♒22	2°24	20°58	23°13	26°38	29° 1	11°44	0°46	20°15	20° 0	18°15	n.a.	S 22
M23	9 41 13	27°19'57	19°37	1°43	1°47	21°36	23° 7	26°37	29° 2	11°46	0°47	20°R15	19°57	18°22	n.a.	M23
T 24	9 45 9	28°19'09	2♓ 1	3° 5	1° 9	22°14	23° 1	26°36	29° 3	11°48	0°48	20°15	19°54	18°29	n.a.	T 24
W25	9 49 6	29°18'19	14°15	4°29	0°32	22°53	22°54	26°35	29° 4	11°51	0°49	20°14	19°50	18°35	n.a.	W25
T 26	9 53 2	0♓17'27	26°19	5°54	29♒53	23°31	22°48	26°34	29° 5	11°53	0°50	20°13	19°47	18°42	n.a.	T 26
F 27	9 56 59	1°16'32	8♈16	7°21	29°16	24° 9	22°41	26°34	29° 5	11°55	0°52	20°12	19°44	18°49	n.a.	F 27
S 28	10 0 55	2°15'35	20° 8	8°50	28°38	24°48	22°35	26°33	29° 6	11°57	0°53	20°10	19°41	18°55	n.a.	S 28
S 29	10 4 52	3♓14'36	1♉59	10♒20	28♒ 1	25♈26	22♍28	26♊32	29♏ 6	11♒59	0♈54	20♒ 8	19♒38	19♈ 2	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s10	13n47	4n44	21s19	1n54	3s29	5n35	3n22	0n21	3n37	1n40	23n47	0n 2	20s 2	0n 4	18s36	0s55	14s51	16s26	14s55	14s40	10n13		n.a.
M 2	18 55	18 26	5 6	21 31	1 41	3 15	5 47	3 38	0 22	3 38	1 40	23 47	0 2	20 3	0 4	18 36	0 55	14 50	16 26	14 55	14 41	10 16		n.a.
T 3	18 39	22 25	5 16	21 42	1 29	3 3	5 58	3 54	0 23	3 39	1 40	23 47	0 2	20 3	0 4	18 35	0 55	14 49	16 25	14 55	14 42	10 19		n.a.
W 4	18 24	25 30	5 12	21 52	1 16	2 51	6 10	4 10	0 23	3 41	1 41	23 47	0 2	20 4	0 4	18 34	0 55	14 49	16 25	14 55	14 43	10 22		n.a.
T 5	18 8	27 27	4 53	22 2	1 3	2 41	6 21	4 26	0 24	3 43	1 41	23 47	0 2	20 4	0 4	18 34	0 55	14 48	16 25	14 56	14 44	10 25		n.a.
F 6	17 51	28 0	4 19	22 10	0 51	2 31	6 32	4 41	0 25	3 44	1 41	23 47	0 2	20 5	0 4	18 33	0 55	14 47	16 25	14 56	14 45	10 28		n.a.
S 7	17 35	27 1	3 31	22 18	0 39	2 23	6 43	4 57	0 26	3 46	1 41	23 47	0 2	20 5	0 4	18 32	0 55	14 47	16 24	14 56	14 46	10 31		n.a.
S 8	17 18	24 25	2 30	22 25	0 27	2 16	6 53	5 13	0 26	3 48	1 42	23 47	0 3	20 5	0 4	18 32	0 55	14 46	16 24	14 57	14 47	10 35		n.a.
M 9	17 1	20 21	1 19	22 31	0 16	2 10	7 4	5 29	0 27	3 50	1 42	23 47	0 3	20 6	0 4	18 31	0 55	14 46	16 24	14 57	14 48	10 38		n.a.
T 10	16 43	15 2	0 1	22 36	0 5	2 5	7 14	5 45	0 28	3 52	1 42	23 47	0 3	20 6	0 4	18 31	0 55	14 45	16 23	14 57	14 49	10 41		n.a.
W11	16 26	8 49	1s18	22 39	0s 6	2 2	7 23	6 0	0 28	3 54	1 42	23 47	0 3	20 6	0 4	18 30	0 55	14 44	16 23	14 57	14 50	10 44		n.a.
T 12	16 8	2 5	2 33	22 42	0 16	2 0	7 33	6 16	0 29	3 56	1 42	23 47	0 3	20 7	0 4	18 29	0 55	14 44	16 23	14 57	14 51	10 47		n.a.
F 13	15 49	4s46	3 38	22 43	0 26	1 59	7 41	6 32	0 30	3 58	1 43	23 47	0 3	20 7	0 4	18 29	0 55	14 43	16 23	14 57	14 52	10 50		n.a.
S 14	15 31	11 19	4 29	22 43	0 36	1 59	7 49	6 47	0 30	4 0	1 43	23 47	0 3	20 7	0 4	18 28	0 55	14 42	16 22	14 57	14 53	10 53		n.a.
S 15	15 12	17 13	5 2	22 42	0 45	2 1	7 57	7 3	0 31	4 2	1 43	23 47	0 3	20 8	0 4	18 27	0 55	14 42	16 22	14 57	14 54	10 56		n.a.
M16	14 53	22 6	5 17	22 40	0 54	2 4	8 4	7 18	0 31	4 4	1 43	23 47	0 3	20 8	0 4	18 27	0 55	14 41	16 22	14 57	14 55	10 59		n.a.
T 17	14 34	25 39	5 12	22 36	1 2	2 9	8 10	7 34	0 32	4 7	1 43	23 47	0 3	20 8	0 4	18 26	0 55	14 40	16 22	14 57	14 56	11 2		n.a.
W18	14 14	27 38	4 49	22 31	1 10	2 15	8 16	7 49	0 33	4 9	1 44	23 47	0 4	20 8	0 4	18 26	0 55	14 40	16 21	14 57	14 57	11 5		n.a.
T 19	13 55	27 56	4 11	22 24	1 18	2 22	8 20	8 4	0 33	4 12	1 44	23 47	0 4	20 9	0 4	18 25	0 55	14 39	16 21	14 57	14 58	11 8		n.a.
F 20	13 35	26 37	3 20	22 17	1 25	2 30	8 24	8 20	0 34	4 14	1 44	23 48	0 4	20 9	0 4	18 24	0 55	14 38	16 21	14 56	14 59	11 11		n.a.
S 21	13 15	23 51	2 19	22 7	1 31	2 40	8 27	8 35	0 35	4 17	1 44	23 48	0 4	20 9	0 4	18 24	0 55	14 38	16 21	14 56	15 0	11 14		n.a.
S 22	12 54	19 57	1 13	21 56	1 38	2 50	8 30	8 50	0 35	4 19	1 44	23 48	0 4	20 9	0 4	18 23	0 55	14 37	16 21	14 56	15 1	11 17		n.a.
M23	12 34	15 12	0 3	21 44	1 43	3 2	8 31	9 5	0 36	4 22	1 44	23 48	0 4	20 9	0 4	18 23	0 55	14 36	16 20	14 56	15 2	11 20		n.a.
T 24	12 13	9 54	1n 5	21 30	1 49	3 15	8 31	9 20	0 36	4 24	1 45	23 48	0 4	20 10	0 4	18 22	0 55	14 36	16 20	14 56	15 3	11 23		n.a.
W25	11 52	4 18	2 9	21 15	1 54	3 29	8 30	9 35	0 37	4 27	1 45	23 48	0 4	20 10	0 4	18 21	0 55	14 35	16 20	14 56	15 4	11 26		n.a.
T 26	11 31	1n22	3 7	20 58	1 58	3 44	8 29	9 50	0 37	4 30	1 45	23 48	0 4	20 10	0 4	18 21	0 55	14 35	16 20	14 57	15 5	11 29		n.a.
F 27	11 10	6 55	3 55	20 39	2 2	3 59	8 26	10 5	0 38	4 33	1 45	23 48	0 4	20 10	0 4	18 20	0 55	14 34	16 20	14 57	15 6	11 32		n.a.
S 28	10 49	12 11	4 34	20 19	2 6	4 15	8 23	10 20	0 38	4 35	1 45	23 48	0 5	20 10	0 4	18 20	0 55	14 33	16 19	14 58	15 7	11 36		n.a.
S 29	10s27	17n 1	5n 0	19s58	2s 9	4s32	8n18	10n34	0n39	4n38	1n45	23n48	0n 5	20s10	0n 4	18s19	0s55	14s33	16s19	14s58	15s 8	11n39		n.a.

Julian Day Number = 1496094.5, Delta T = 05h10m43s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'37, Lahiri = -12°28'37 Julian Calendar 1 Feb. 617 BCE == Greg. Calendar 25 Jan. 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

MARCH 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 8 48	4♓13'34	13♉52	11♒52	27°R25	26♈ 4	22°R21	26°R32	29♏ 7	12♒ 1	0♈55	20°R 7	19♒35	19♈ 9	n.a.	M 1
T 2	10 12 45	5°12'30	25°51	13°25	26♒50	26°42	22♍14	26♊31	29° 7	12° 4	0°57	20♒ 6	19°31	19°15	n.a.	T 2
W 3	10 16 41	6°11'24	8♊ 1	15° 0	26°16	27°20	22° 7	26°31	29° 8	12° 6	0°58	20°D 6	19°28	19°22	n.a.	W 3
T 4	10 20 38	7°10'15	20°26	16°36	25°43	27°59	22° 0	26°31	29° 8	12° 8	0°59	20° 6	19°25	19°29	n.a.	T 4
F 5	10 24 35	8° 9'04	3♋11	18°14	25°13	28°37	21°52	26°D31	29° 8	12°10	1° 0	20° 7	19°22	19°36	n.a.	F 5
S 6	10 28 31	9° 7'51	16°19	19°53	24°44	29°15	21°45	26°31	29° 9	12°12	1° 2	20° 9	19°19	19°42	n.a.	S 6
S 7	10 32 28	10° 6'35	29°52	21°34	24°17	29°53	21°38	26°31	29° 9	12°14	1° 3	20°10	19°15	19°49	n.a.	S 7
M 8	10 36 24	11° 5'17	13♌51	23°17	23°52	0♉31	21°30	26°32	29° 9	12°16	1° 4	20°R11	19°12	19°56	n.a.	M 8
T 9	10 40 21	12° 3'57	28°14	25° 1	23°29	1°10	21°23	26°32	29° 9	12°18	1° 6	20°11	19° 9	20° 2	n.a.	T 9
W10	10 44 17	13° 2'34	12♍58	26°46	23° 9	1°48	21°16	26°33	29°R 9	12°20	1° 7	20°10	19° 6	20° 9	n.a.	W10
T 11	10 48 14	14° 1'09	27°55	28°33	22°51	2°26	21° 8	26°33	29° 9	12°22	1° 8	20° 7	19° 3	20°16	n.a.	T 11
F 12	10 52 10	14°59'43	12♎56	0♓21	22°35	3° 4	21° 0	26°34	29° 9	12°24	1° 9	20° 4	19° 0	20°23	n.a.	F 12
S 13	10 56 7	15°58'14	27°53	2°12	22°22	3°42	20°53	26°35	29° 9	12°26	1°11	20° 1	18°56	20°29	n.a.	S 13
S 14	11 0 3	16°56'44	12♏38	4° 3	22°12	4°20	20°45	26°36	29° 9	12°28	1°12	19°57	18°53	20°36	n.a.	S 14
M15	11 4 0	17°55'12	27° 5	5°57	22° 3	4°58	20°38	26°37	29° 9	12°30	1°13	19°55	18°50	20°43	n.a.	M15
T 16	11 7 57	18°53'38	11♐10	7°51	21°58	5°37	20°30	26°38	29° 8	12°32	1°15	19°53	18°47	20°49	n.a.	T 16
W17	11 11 53	19°52'03	24°53	9°48	21°54	6°15	20°22	26°39	29° 8	12°34	1°16	19°D53	18°44	20°56	n.a.	W17
T 18	11 15 50	20°50'26	8♑14	11°46	21°D54	6°53	20°15	26°41	29° 8	12°36	1°18	19°54	18°41	21° 3	n.a.	T 18
F 19	11 19 46	21°48'47	21°15	13°45	21°55	7°31	20° 7	26°42	29° 7	12°38	1°19	19°56	18°37	21°10	n.a.	F 19
S 20	11 23 43	22°47'07	3♒59	15°46	21°59	8° 9	19°59	26°44	29° 7	12°39	1°20	19°57	18°34	21°16	n.a.	S 20
S 21	11 27 39	23°45'25	16°29	17°48	22° 5	8°47	19°52	26°46	29° 6	12°41	1°22	19°R58	18°31	21°23	n.a.	S 21
M22	11 31 36	24°43'41	28°47	19°52	22°13	9°25	19°44	26°47	29° 6	12°43	1°23	19°58	18°28	21°30	n.a.	M22
T 23	11 35 32	25°41'55	10♓56	21°57	22°24	10° 3	19°36	26°49	29° 5	12°45	1°24	19°56	18°25	21°36	n.a.	T 23
W24	11 39 29	26°40'08	22°59	24° 3	22°36	10°41	19°29	26°51	29° 4	12°47	1°26	19°52	18°21	21°43	n.a.	W24
T 25	11 43 26	27°38'18	4♈55	26°10	22°51	11°19	19°21	26°53	29° 4	12°48	1°27	19°47	18°18	21°50	n.a.	T 25
F 26	11 47 22	28°36'27	16°49	28°18	23° 8	11°57	19°14	26°56	29° 3	12°50	1°28	19°40	18°15	21°56	n.a.	F 26
S 27	11 51 19	29°34'34	28°40	0♈27	23°26	12°35	19° 6	26°58	29° 2	12°52	1°30	19°32	18°12	22° 3	n.a.	S 27
S 28	11 55 15	0♈32'39	10♉31	2°36	23°46	13°13	18°59	27° 0	29° 1	12°53	1°31	19°25	18° 9	22°10	n.a.	S 28
M29	11 59 12	1°30'42	22°25	4°45	24° 9	13°51	18°51	27° 3	29° 0	12°55	1°33	19°18	18° 6	22°17	n.a.	M29
T 30	12 3 8	2°28'43	4♊25	6°55	24°32	14°29	18°44	27° 6	29° 0	12°57	1°34	19°13	18° 2	22°23	n.a.	T 30
W31	12 7 5	3♈26'42	16♊34	9♈ 3	24♒58	15♉ 7	18♍37	27♊ 8	28♏59	12♒58	1♈35	19♒10	17♒59	22♈30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	10s 6	21n12	5n14	19s35	2s12	4s49	8n13	10n49	0n40	4n41	1n45	23n48	0n 5	20s10	0n 4	18s18	0s55	14s32	16s19	14s59	15s 9	11n42			n.a.
T 2	9 44	24 34	5 14	19 10	2 14	5 7	8 7	11 3	0 40	4 44	1 45	23 48	0 5	20 11	0 4	18 18	0 55	14 31	16 19	14 59	15 10	11 45			n.a.
W 3	9 22	26 54	5 1	18 43	2 16	5 25	8 0	11 18	0 41	4 47	1 46	23 48	0 5	20 11	0 4	18 17	0 55	14 31	16 19	14 59	15 11	11 48			n.a.
T 4	9 0	27 57	4 33	18 15	2 17	5 43	7 53	11 32	0 41	4 50	1 46	23 49	0 5	20 11	0 4	18 17	0 55	14 30	16 19	14 59	15 12	11 51			n.a.
F 5	8 38	27 35	3 51	17 45	2 18	6 1	7 44	11 47	0 42	4 53	1 46	23 49	0 5	20 11	0 4	18 16	0 55	14 29	16 18	14 59	15 13	11 54			n.a.
S 6	8 15	25 40	2 56	17 14	2 18	6 19	7 35	12 1	0 42	4 56	1 46	23 49	0 5	20 11	0 4	18 16	0 55	14 29	16 18	14 58	15 14	11 57			n.a.
S 7	7 53	22 15	1 50	16 41	2 18	6 36	7 26	12 15	0 43	4 59	1 46	23 49	0 5	20 11	0 4	18 15	0 55	14 28	16 18	14 58	15 15	12 0			n.a.
M 8	7 30	17 27	0 35	16 6	2 17	6 54	7 16	12 29	0 43	5 2	1 46	23 49	0 5	20 11	0 4	18 14	0 55	14 27	16 18	14 58	15 16	12 3			n.a.
T 9	7 8	11 34	0s44	15 30	2 16	7 11	7 5	12 43	0 44	5 5	1 46	23 49	0 6	20 11	0 4	18 14	0 55	14 27	16 18	14 58	15 17	12 6			n.a.
W10	6 45	4 54	2 2	14 51	2 14	7 28	6 54	12 57	0 44	5 8	1 46	23 49	0 6	20 11	0 4	18 13	0 55	14 26	16 18	14 58	15 18	12 9			n.a.
T 11	6 22	2s 6	3 13	14 12	2 12	7 45	6 43	13 11	0 45	5 11	1 46	23 49	0 6	20 11	0 4	18 13	0 55	14 25	16 18	14 59	15 19	12 11			n.a.
F 12	5 59	9 0	4 10	13 30	2 9	8 1	6 31	13 25	0 45	5 14	1 46	23 49	0 6	20 11	0 4	18 12	0 55	14 25	16 18	15 0	15 20	12 14			n.a.
S 13	5 36	15 22	4 51	12 47	2 6	8 16	6 19	13 38	0 45	5 17	1 46	23 49	0 6	20 11	0 4	18 12	0 55	14 24	16 17	15 1	15 21	12 17			n.a.
S 14	5 13	20 46	5 11	12 2	2 2	8 31	6 7	13 52	0 46	5 20	1 46	23 50	0 6	20 11	0 4	18 11	0 56	14 24	16 17	15 2	15 22	12 20			n.a.
M15	4 50	24 49	5 11	11 16	1 57	8 46	5 55	14 5	0 46	5 23	1 46	23 50	0 6	20 11	0 4	18 11	0 56	14 23	16 17	15 3	15 23	12 23			n.a.
T 16	4 27	27 15	4 52	10 28	1 52	8 59	5 42	14 18	0 47	5 26	1 46	23 50	0 6	20 11	0 4	18 10	0 56	14 22	16 17	15 3	15 24	12 26			n.a.
W17	4 4	27 57	4 17	9 39	1 47	9 12	5 30	14 32	0 47	5 29	1 46	23 50	0 6	20 11	0 4	18 10	0 56	14 22	16 17	15 3	15 25	12 29			n.a.
T 18	3 41	26 59	3 29	8 48	1 41	9 24	5 17	14 45	0 48	5 32	1 46	23 50	0 6	20 11	0 4	18 9	0 56	14 21	16 17	15 3	15 26	12 32			n.a.
F 19	3 17	24 33	2 31	7 55	1 34	9 35	5 5	14 58	0 48	5 36	1 46	23 50	0 6	20 11	0 4	18 8	0 56	14 21	16 17	15 2	15 27	12 35			n.a.
S 20	2 54	20 55	1 26	7 1	1 27	9 46	4 52	15 11	0 49	5 39	1 46	23 50	0 6	20 11	0 4	18 8	0 56	14 20	16 17	15 2	15 28	12 38			n.a.
S 21	2 31	16 25	0 19	6 6	1 19	9 56	4 40	15 24	0 49	5 42	1 46	23 50	0 7	20 10	0 4	18 7	0 56	14 19	16 17	15 2	15 29	12 41			n.a.
M22	2 7	11 19	0n48	5 9	1 11	10 5	4 27	15 37	0 49	5 45	1 46	23 51	0 7	20 10	0 4	18 7	0 56	14 19	16 17	15 2	15 30	12 44			n.a.
T 23	1 44	5 51	1 52	4 12	1 3	10 13	4 15	15 49	0 50	5 48	1 46	23 51	0 7	20 10	0 4	18 7	0 56	14 18	16 17	15 2	15 31	12 47			n.a.
W24	1 21	0 14	2 50	3 13	0 54	10 21	4 3	16 2	0 50	5 51	1 46	23 51	0 7	20 10	0 4	18 6	0 56	14 18	16 17	15 4	15 32	12 50			n.a.
T 25	0 57	5n20	3 40	2 13	0 44	10 27	3 51	16 14	0 51	5 54	1 46	23 51	0 7	20 10	0 4	18 6	0 56	14 17	16 17	15 5	15 33	12 53			n.a.
F 26	0 34	10 41	4 20	1 13	0 35	10 33	3 39	16 26	0 51	5 56	1 46	23 51	0 7	20 10	0 4	18 5	0 56	14 16	16 17	15 7	15 34	12 56			n.a.
S 27	0 10	15 38	4 49	0 12	0 25	10 38	3 27	16 39	0 51	5 59	1 46	23 51	0 7	20 10	0 4	18 5	0 56	14 16	16 17	15 10	15 35	12 59			n.a.
S 28	0n13	20 0	5 5	0n50	0 14	10 42	3 16	16 51	0 52	6 2	1 46	23 51	0 7	20 9	0 4	18 4	0 56	14 15	16 17	15 12	15 36	13 2			n.a.
M29	0 37	23 35	5 8	1 52	0 4	10 46	3 4	17 3	0 52	6 5	1 46	23 52	0 7	20 9	0 4	18 4	0 56	14 15	16 16	15 14	15 37	13 5			n.a.
T 30	1 0	26 12	4 58	2 53	0n 7	10 48	2 53	17 15	0 52	6 8	1 46	23 52	0 7	20 9	0 4	18 3	0 56	14 14	16 16	15 16	15 38	13 7			n.a.
W31	1n23	27n38	4n35	3n55	0n18	10s50	2n42	17n26	0n53	6n11	1n45	23n52	0n 7	20s 9	0n 4	18s 3	0s56	14s14	16s16	15s17	15s39	13n10			n.a.

Julian Day Number = 1496123.5, Delta T = 05h10m41s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'33, Lahiri = -12°28'33 Julian Calendar 1 March 617 BCE == Greg. Calendar 23 Feb. 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

APRIL 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 11 1	4♈24'39	28♊56	11♈12	25♒25	15♉45	18°R30	27♊11	28°R57	13♒ 0	1♈37	19°D 8	17♒56	22♈37	n.a.	T 1
F 2	12 14 58	5°22'35	11♋36	13°19	25°54	16°23	18♍23	27°14	28♏56	13° 2	1°38	19♒ 8	17°53	22°43	n.a.	F 2
S 3	12 18 55	6°20'28	24°37	15°25	26°24	17° 1	18°16	27°17	28°55	13° 3	1°39	19° 9	17°50	22°50	n.a.	S 3
S 4	12 22 51	7°18'19	8♌ 4	17°30	26°55	17°39	18° 9	27°20	28°54	13° 5	1°41	19°10	17°46	22°57	n.a.	S 4
M 5	12 26 48	8°16'09	21°59	19°33	27°28	18°17	18° 2	27°23	28°53	13° 6	1°42	19°R11	17°43	23° 4	n.a.	M 5
T 6	12 30 44	9°13'56	6♍22	21°34	28° 2	18°55	17°55	27°27	28°52	13° 8	1°44	19° 9	17°40	23°10	n.a.	T 6
W 7	12 34 41	10°11'42	21°10	23°33	28°38	19°33	17°48	27°30	28°50	13° 9	1°45	19° 6	17°37	23°17	n.a.	W 7
T 8	12 38 37	11° 9'26	6♎17	25°29	29°15	20°11	17°42	27°33	28°49	13°10	1°46	19° 1	17°34	23°24	n.a.	T 8
F 9	12 42 34	12° 7'09	21°33	27°22	29°52	20°49	17°35	27°37	28°48	13°12	1°48	18°54	17°31	23°30	n.a.	F 9
S 10	12 46 30	13° 4'50	6♏48	29°13	0♓31	21°27	17°29	27°41	28°46	13°13	1°49	18°46	17°27	23°37	n.a.	S 10
S 11	12 50 27	14° 2'30	21°52	1♉ 1	1°12	22° 5	17°23	27°44	28°45	13°14	1°50	18°38	17°24	23°44	n.a.	S 11
M12	12 54 24	15° 0'08	6♐35	2°46	1°53	22°43	17°17	27°48	28°43	13°16	1°52	18°31	17°21	23°51	n.a.	M12
T 13	12 58 20	15°57'46	20°52	4°28	2°35	23°21	17°11	27°52	28°42	13°17	1°53	18°27	17°18	23°57	n.a.	T 13
W14	13 2 17	16°55'22	4♑40	6° 6	3°18	23°59	17° 5	27°56	28°40	13°18	1°54	18°24	17°15	24° 4	n.a.	W14
T 15	13 6 13	17°52'58	18° 2	7°41	4° 2	24°37	16°59	28° 0	28°39	13°20	1°56	18°D23	17°12	24°11	n.a.	T 15
F 16	13 10 10	18°50'32	0♒59	9°13	4°47	25°14	16°53	28° 4	28°37	13°21	1°57	18°24	17° 8	24°17	n.a.	F 16
S 17	13 14 6	19°48'05	13°35	10°42	5°33	25°52	16°48	28° 9	28°35	13°22	1°58	18°R24	17° 5	24°24	n.a.	S 17
S 18	13 18 3	20°45'37	25°55	12° 7	6°20	26°30	16°43	28°13	28°33	13°23	2° 0	18°24	17° 2	24°31	n.a.	S 18
M19	13 21 59	21°43'08	8♓ 3	13°28	7° 7	27° 8	16°37	28°18	28°32	13°24	2° 1	18°22	16°59	24°38	n.a.	M19
T 20	13 25 56	22°40'38	20° 3	14°46	7°56	27°46	16°32	28°22	28°30	13°25	2° 2	18°18	16°56	24°44	n.a.	T 20
W21	13 29 53	23°38'07	1♈57	16° 1	8°45	28°24	16°27	28°27	28°28	13°26	2° 4	18°11	16°52	24°51	n.a.	W21
T 22	13 33 49	24°35'35	13°49	17°12	9°34	29° 2	16°23	28°31	28°26	13°27	2° 5	18° 2	16°49	24°58	n.a.	T 22
F 23	13 37 46	25°33'01	25°40	18°19	10°25	29°39	16°18	28°36	28°24	13°28	2° 6	17°50	16°46	25° 4	n.a.	F 23
S 24	13 41 42	26°30'27	7♉32	19°23	11°16	0♊17	16°14	28°41	28°22	13°29	2° 7	17°38	16°43	25°11	n.a.	S 24
S 25	13 45 39	27°27'51	19°26	20°22	12° 7	0°55	16° 9	28°46	28°20	13°30	2° 9	17°25	16°40	25°18	n.a.	S 25
M26	13 49 35	28°25'15	1♊24	21°18	12°59	1°33	16° 5	28°51	28°18	13°31	2°10	17°13	16°37	25°25	n.a.	M26
T 27	13 53 32	29°22'37	13°28	22°10	13°52	2°11	16° 1	28°56	28°16	13°32	2°11	17° 4	16°33	25°31	n.a.	T 27
W28	13 57 28	0♉19'58	25°41	22°58	14°46	2°49	15°57	29° 1	28°14	13°33	2°12	16°57	16°30	25°38	n.a.	W28
T 29	14 1 25	1°17'18	8♋ 4	23°42	15°39	3°27	15°54	29° 6	28°12	13°34	2°14	16°52	16°27	25°45	n.a.	T 29
F 30	14 5 22	2♉14'37	20♋43	24♉22	16♓34	4♊ 4	15♍50	29♊11	28♏10	13♒34	2♈15	16♒50	16♒24	25♈51	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n47	27n44	3n58	4n56	0n29	10s51	2n31	17n38	0n53	6n13	1n45	23n52	0n 8	20s 9	0n 4	18s 2	0s56	14s13	16s16	15s18	15s40	13n13			n.a.
F 2	2 10	26 23	3 9	5 56	0 39	10 52	2 21	17 49	0 54	6 16	1 45	23 52	0 8	20 8	0 4	18 2	0 56	14 12	16 16	15 18	15 41	13 16			n.a.
S 3	2 33	23 36	2 9	6 55	0 50	10 51	2 10	18 1	0 54	6 19	1 45	23 52	0 8	20 8	0 4	18 2	0 56	14 12	16 16	15 17	15 42	13 19			n.a.
S 4	2 56	19 28	1 0	7 53	1 0	10 50	2 0	18 12	0 54	6 21	1 45	23 52	0 8	20 8	0 4	18 1	0 56	14 11	16 16	15 17	15 43	13 22			n.a.
M 5	3 19	14 8	0s15	8 50	1 10	10 48	1 50	18 23	0 55	6 24	1 45	23 53	0 8	20 8	0 4	18 1	0 56	14 11	16 16	15 17	15 44	13 25			n.a.
T 6	3 42	7 53	1 31	9 45	1 20	10 45	1 40	18 34	0 55	6 27	1 45	23 53	0 8	20 7	0 4	18 0	0 56	14 10	16 17	15 17	15 45	13 28			n.a.
W 7	4 5	1 3	2 43	10 39	1 29	10 42	1 31	18 45	0 55	6 29	1 45	23 53	0 8	20 7	0 4	18 0	0 56	14 10	16 17	15 18	15 46	13 31			n.a.
T 8	4 28	5s58	3 45	11 30	1 38	10 38	1 21	18 56	0 56	6 32	1 44	23 53	0 8	20 7	0 4	18 0	0 56	14 9	16 17	15 20	15 47	13 34			n.a.
F 9	4 51	12 42	4 32	12 20	1 46	10 33	1 12	19 6	0 56	6 34	1 44	23 53	0 8	20 6	0 4	17 59	0 56	14 9	16 17	15 22	15 48	13 36			n.a.
S 10	5 14	18 40	4 59	13 7	1 54	10 27	1 3	19 17	0 56	6 36	1 44	23 53	0 8	20 6	0 4	17 59	0 56	14 8	16 17	15 25	15 49	13 39			n.a.
S 11	5 37	23 23	5 5	13 52	2 1	10 21	0 54	19 27	0 57	6 39	1 44	23 53	0 8	20 6	0 4	17 59	0 56	14 8	16 17	15 27	15 50	13 42			n.a.
M12	5 59	26 29	4 51	14 35	2 7	10 14	0 46	19 37	0 57	6 41	1 44	23 54	0 8	20 6	0 4	17 58	0 56	14 7	16 17	15 29	15 51	13 45			n.a.
T 13	6 22	27 45	4 18	15 16	2 13	10 7	0 38	19 47	0 57	6 43	1 44	23 54	0 8	20 5	0 4	17 58	0 57	14 7	16 17	15 31	15 52	13 48			n.a.
W14	6 44	27 13	3 32	15 54	2 18	9 59	0 29	19 57	0 57	6 45	1 43	23 54	0 9	20 5	0 4	17 58	0 57	14 6	16 17	15 31	15 53	13 51			n.a.
T 15	7 7	25 6	2 35	16 30	2 22	9 50	0 22	20 7	0 58	6 47	1 43	23 54	0 9	20 4	0 4	17 57	0 57	14 6	16 17	15 32	15 54	13 54			n.a.
F 16	7 29	21 43	1 32	17 3	2 25	9 40	0 14	20 17	0 58	6 49	1 43	23 54	0 9	20 4	0 4	17 57	0 57	14 5	16 17	15 31	15 55	13 56			n.a.
S 17	7 51	17 23	0 26	17 34	2 28	9 30	0 6	20 26	0 58	6 51	1 43	23 54	0 9	20 4	0 4	17 57	0 57	14 5	16 17	15 31	15 56	13 59			n.a.
S 18	8 13	12 26	0n40	18 3	2 29	9 20	0s 1	20 35	0 59	6 53	1 43	23 54	0 9	20 3	0 4	17 56	0 57	14 4	16 17	15 31	15 57	14 2			n.a.
M19	8 35	7 5	1 43	18 29	2 30	9 8	0 8	20 45	0 59	6 55	1 42	23 55	0 9	20 3	0 4	17 56	0 57	14 4	16 17	15 32	15 58	14 5			n.a.
T 20	8 56	1 33	2 40	18 53	2 30	8 57	0 15	20 54	0 59	6 57	1 42	23 55	0 9	20 3	0 4	17 56	0 57	14 4	16 17	15 33	15 59	14 8			n.a.
W21	9 18	3n59	3 30	19 15	2 30	8 44	0 22	21 3	0 59	6 59	1 42	23 55	0 9	20 2	0 4	17 56	0 57	14 3	16 17	15 35	16 0	14 11			n.a.
T 22	9 39	9 21	4 10	19 34	2 28	8 31	0 28	21 11	1 0	7 0	1 42	23 55	0 9	20 2	0 4	17 55	0 57	14 3	16 18	15 38	16 1	14 13			n.a.
F 23	10 1	14 23	4 40	19 51	2 26	8 18	0 34	21 20	1 0	7 2	1 41	23 55	0 9	20 1	0 4	17 55	0 57	14 2	16 18	15 42	16 2	14 16			n.a.
S 24	10 22	18 53	4 57	20 6	2 22	8 4	0 41	21 28	1 0	7 3	1 41	23 55	0 9	20 1	0 4	17 55	0 57	14 2	16 18	15 46	16 3	14 19			n.a.
S 25	10 43	22 39	5 1	20 18	2 18	7 49	0 46	21 37	1 0	7 5	1 41	23 55	0 9	20 1	0 4	17 55	0 57	14 2	16 18	15 50	16 4	14 22			n.a.
M26	11 4	25 29	4 52	20 28	2 13	7 34	0 52	21 45	1 1	7 6	1 41	23 56	0 10	20 0	0 4	17 54	0 57	14 1	16 18	15 53	16 5	14 25			n.a.
T 27	11 24	27 12	4 30	20 36	2 7	7 19	0 58	21 53	1 1	7 8	1 40	23 56	0 10	20 0	0 4	17 54	0 57	14 1	16 18	15 56	16 6	14 28			n.a.
W28	11 45	27 38	3 56	20 42	2 0	7 3	1 3	22 1	1 1	7 9	1 40	23 56	0 10	19 59	0 4	17 54	0 57	14 0	16 18	15 58	16 6	14 30			n.a.
T 29	12 5	26 41	3 10	20 46	1 52	6 47	1 8	22 8	1 1	7 10	1 40	23 56	0 10	19 59	0 4	17 54	0 57	14 0	16 18	16 0	16 7	14 33			n.a.
F 30	12n25	24n21	2n14	20n48	1n44	6s30	1s13	22n16	1n 2	7n11	1n40	23n56	0n10	19s58	0n 4	17s54	0s57	14s 0	16s19	16s 0	16s 8	14n36			n.a.

Julian Day Number = 1496154.5, Delta T = 05h10m40s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'29, Lahiri = -12°28'28 Julian Calendar 1 Apr. 617 BCE == Greg. Calendar 25 March 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

MAY 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 9 18	3♉11'54	3♌41	24♉57	17♓29	4♊42	15°R47	29♊17	28°R 8	13♒35	2♈16	16°D50	16♒21	25♈58	n.a.	S 1
S 2	14 13 15	4° 9'11	17° 1	25°28	18°24	5°20	15♍44	29°22	28♏ 6	13°36	2°17	16°R50	16°18	26° 5	n.a.	S 2
M 3	14 17 11	5° 6'26	0♍47	25°55	19°20	5°58	15°41	29°28	28° 4	13°37	2°18	16♒49	16°14	26°12	n.a.	M 3
T 4	14 21 8	6° 3'40	15° 1	26°17	20°16	6°36	15°38	29°33	28° 2	13°37	2°20	16°47	16°11	26°18	n.a.	T 4
W 5	14 25 4	7° 0'53	29°41	26°35	21°13	7°13	15°35	29°39	27°59	13°38	2°21	16°42	16° 8	26°25	n.a.	W 5
T 6	14 29 1	7°58'05	14♎42	26°48	22°10	7°51	15°33	29°44	27°57	13°38	2°22	16°35	16° 5	26°32	n.a.	T 6
F 7	14 32 57	8°55'16	29°57	26°57	23° 8	8°29	15°31	29°50	27°55	13°39	2°23	16°26	16° 2	26°38	n.a.	F 7
S 8	14 36 54	9°52'26	15♏15	27°R 1	24° 6	9° 7	15°28	29°56	27°53	13°39	2°24	16°15	15°58	26°45	n.a.	S 8
S 9	14 40 51	10°49'36	0♐25	27° 0	25° 4	9°45	15°27	0♋ 2	27°50	13°40	2°25	16° 5	15°55	26°52	n.a.	S 9
M10	14 44 47	11°46'46	15°16	26°55	26° 3	10°22	15°25	0° 8	27°48	13°40	2°27	15°56	15°52	26°59	n.a.	M10
T 11	14 48 44	12°43'55	29°42	26°46	27° 2	11° 0	15°23	0°14	27°46	13°41	2°28	15°49	15°49	27° 5	n.a.	T 11
W12	14 52 40	13°41'04	13♑39	26°32	28° 2	11°38	15°22	0°20	27°44	13°41	2°29	15°44	15°46	27°12	n.a.	W12
T 13	14 56 37	14°38'12	27° 6	26°15	29° 1	12°16	15°21	0°26	27°41	13°42	2°30	15°42	15°43	27°19	n.a.	T 13
F 14	15 0 33	15°35'21	10♒ 5	25°53	0♈ 2	12°54	15°20	0°32	27°39	13°42	2°31	15°41	15°39	27°25	n.a.	F 14
S 15	15 4 30	16°32'29	22°42	25°29	1° 2	13°31	15°19	0°38	27°36	13°42	2°32	15°41	15°36	27°32	n.a.	S 15
S 16	15 8 26	17°29'37	5♓ 0	25° 2	2° 3	14° 9	15°18	0°44	27°34	13°43	2°33	15°41	15°33	27°39	n.a.	S 16
M17	15 12 23	18°26'44	17° 5	24°32	3° 4	14°47	15°18	0°51	27°32	13°43	2°34	15°38	15°30	27°46	n.a.	M17
T 18	15 16 20	19°23'52	29° 1	24° 0	4° 5	15°25	15°17	0°57	27°29	13°43	2°35	15°34	15°27	27°52	n.a.	T 18
W19	15 20 16	20°20'59	10♈52	23°26	5° 7	16° 3	15°D17	1° 4	27°27	13°43	2°36	15°26	15°23	27°59	n.a.	W19
T 20	15 24 13	21°18'07	22°42	22°51	6° 9	16°40	15°17	1°10	27°24	13°43	2°37	15°16	15°20	28° 6	n.a.	T 20
F 21	15 28 9	22°15'14	4♉34	22°17	7°11	17°18	15°17	1°17	27°22	13°43	2°38	15° 4	15°17	28°12	n.a.	F 21
S 22	15 32 6	23°12'21	16°29	21°42	8°14	17°56	15°18	1°23	27°20	13°43	2°39	14°50	15°14	28°19	n.a.	S 22
S 23	15 36 2	24° 9'28	28°29	21° 8	9°16	18°34	15°18	1°30	27°17	13°43	2°40	14°37	15°11	28°26	n.a.	S 23
M24	15 39 59	25° 6'35	10♊35	20°36	10°19	19°12	15°19	1°36	27°15	13°R43	2°41	14°24	15° 8	28°33	n.a.	M24
T 25	15 43 55	26° 3'42	22°48	20° 5	11°23	19°49	15°20	1°43	27°12	13°43	2°42	14°14	15° 4	28°39	n.a.	T 25
W26	15 47 52	27° 0'49	5♋10	19°37	12°26	20°27	15°21	1°50	27°10	13°43	2°42	14° 6	15° 1	28°46	n.a.	W26
T 27	15 51 49	27°57'55	17°43	19°12	13°30	21° 5	15°23	1°57	27° 7	13°43	2°43	14° 1	14°58	28°53	n.a.	T 27
F 28	15 55 45	28°55'01	0♌28	18°50	14°34	21°43	15°24	2° 3	27° 5	13°43	2°44	13°58	14°55	28°59	n.a.	F 28
S 29	15 59 42	29°52'07	13°29	18°32	15°38	22°21	15°26	2°10	27° 3	13°43	2°45	13°D58	14°52	29° 6	n.a.	S 29
S 30	16 3 38	0♊49'13	26°48	18°19	16°42	22°59	15°28	2°17	27° 0	13°43	2°46	13°R58	14°49	29°13	n.a.	S 30
M31	16 7 35	1♊46'18	10♍29	18♉ 9	17♈46	23♊36	15♍30	2♋24	26♏58	13♒43	2♈47	13♒58	14♒45	29♈20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n45	20n43	1n 9	20n48	1n35	6s13	1s18	22n23	1n 2	7n12	1n39	23n56	0n10	19s58	0n 4	17s53	0s57	13s59	16s19	16s 1	16s 9	14n39		n.a.
S 2	13 5	15 56	0s 1	20 45	1 24	5 55	1 23	22 30	1 2	7 13	1 39	23 56	0 10	19 57	0 3	17 53	0 57	13 59	16 19	16 1	16 10	14 42		n.a.
M 3	13 24	10 12	1 13	20 41	1 13	5 37	1 27	22 37	1 2	7 14	1 39	23 56	0 10	19 57	0 3	17 53	0 57	13 59	16 19	16 1	16 11	14 44		n.a.
T 4	13 44	3 47	2 23	20 35	1 1	5 18	1 32	22 44	1 3	7 15	1 39	23 56	0 10	19 56	0 3	17 53	0 57	13 58	16 19	16 1	16 12	14 47		n.a.
W 5	14 3	3s 0	3 26	20 27	0 49	5 0	1 36	22 51	1 3	7 16	1 38	23 57	0 10	19 56	0 3	17 53	0 57	13 58	16 19	16 3	16 13	14 50		n.a.
T 6	14 21	9 47	4 16	20 17	0 35	4 40	1 40	22 58	1 3	7 17	1 38	23 57	0 10	19 55	0 3	17 53	0 57	13 58	16 20	16 5	16 14	14 53		n.a.
F 7	14 40	16 5	4 48	20 5	0 21	4 21	1 44	23 4	1 3	7 17	1 38	23 57	0 10	19 55	0 3	17 52	0 58	13 57	16 20	16 8	16 15	14 55		n.a.
S 8	14 59	21 24	5 0	19 52	0 6	4 1	1 47	23 10	1 3	7 18	1 37	23 57	0 10	19 54	0 3	17 52	0 58	13 57	16 20	16 11	16 16	14 58		n.a.
S 9	15 17	25 15	4 51	19 37	0s 9	3 41	1 51	23 16	1 4	7 18	1 37	23 57	0 11	19 54	0 3	17 52	0 58	13 57	16 20	16 14	16 17	15 1		n.a.
M10	15 35	27 17	4 22	19 20	0 25	3 20	1 54	23 22	1 4	7 19	1 37	23 57	0 11	19 53	0 3	17 52	0 58	13 57	16 20	16 17	16 18	15 4		n.a.
T 11	15 52	27 24	3 37	19 2	0 41	2 59	1 57	23 28	1 4	7 19	1 37	23 57	0 11	19 53	0 3	17 52	0 58	13 56	16 21	16 19	16 19	15 6		n.a.
W12	16 10	25 43	2 41	18 43	0 58	2 38	2 0	23 33	1 4	7 19	1 36	23 57	0 11	19 52	0 3	17 52	0 58	13 56	16 21	16 20	16 20	15 9		n.a.
T 13	16 27	22 36	1 37	18 23	1 14	2 16	2 3	23 39	1 4	7 20	1 36	23 57	0 11	19 52	0 3	17 52	0 58	13 56	16 21	16 21	16 21	15 12		n.a.
F 14	16 44	18 26	0 30	18 1	1 31	1 55	2 6	23 44	1 5	7 20	1 36	23 57	0 11	19 51	0 3	17 52	0 58	13 56	16 21	16 21	16 22	15 15		n.a.
S 15	17 1	13 34	0n37	17 39	1 48	1 33	2 9	23 49	1 5	7 20	1 35	23 57	0 11	19 51	0 3	17 52	0 58	13 55	16 21	16 21	16 23	15 17		n.a.
S 16	17 17	8 15	1 40	17 17	2 4	1 10	2 11	23 53	1 5	7 20	1 35	23 57	0 11	19 50	0 3	17 52	0 58	13 55	16 22	16 21	16 24	15 20		n.a.
M17	17 33	2 45	2 38	16 54	2 20	0 48	2 13	23 58	1 5	7 20	1 35	23 57	0 11	19 50	0 3	17 52	0 58	13 55	16 22	16 22	16 25	15 23		n.a.
T 18	17 49	2n46	3 27	16 31	2 36	0 25	2 15	24 3	1 5	7 20	1 35	23 57	0 11	19 49	0 3	17 52	0 58	13 55	16 22	16 24	16 26	15 26		n.a.
W19	18 5	8 9	4 8	16 8	2 51	0 2	2 17	24 7	1 6	7 19	1 34	23 57	0 11	19 48	0 3	17 52	0 58	13 55	16 22	16 26	16 27	15 28		n.a.
T 20	18 20	13 14	4 37	15 46	3 5	0n21	2 19	24 11	1 6	7 19	1 34	23 57	0 11	19 48	0 3	17 52	0 58	13 54	16 22	16 29	16 28	15 31		n.a.
F 21	18 35	17 50	4 55	15 24	3 18	0 44	2 21	24 15	1 6	7 19	1 34	23 57	0 11	19 47	0 3	17 52	0 58	13 54	16 23	16 33	16 29	15 34		n.a.
S 22	18 50	21 46	5 0	15 4	3 30	1 8	2 23	24 19	1 6	7 18	1 33	23 57	0 12	19 47	0 3	17 52	0 58	13 54	16 23	16 37	16 29	15 37		n.a.
S 23	19 4	24 49	4 51	14 45	3 41	1 31	2 24	24 22	1 6	7 18	1 33	23 57	0 12	19 46	0 3	17 52	0 58	13 54	16 23	16 41	16 30	15 39		n.a.
M24	19 18	26 47	4 30	14 27	3 50	1 55	2 25	24 26	1 6	7 17	1 33	23 57	0 12	19 46	0 3	17 52	0 58	13 54	16 23	16 44	16 31	15 42		n.a.
T 25	19 32	27 29	3 55	14 11	3 58	2 19	2 27	24 29	1 6	7 16	1 33	23 57	0 12	19 45	0 3	17 52	0 58	13 54	16 24	16 47	16 32	15 45		n.a.
W26	19 46	26 50	3 10	13 57	4 5	2 43	2 28	24 32	1 7	7 16	1 32	23 57	0 12	19 45	0 3	17 52	0 58	13 54	16 24	16 50	16 33	15 47		n.a.
T 27	19 59	24 48	2 14	13 45	4 10	3 7	2 28	24 35	1 7	7 15	1 32	23 57	0 12	19 44	0 3	17 52	0 58	13 53	16 24	16 51	16 34	15 50		n.a.
F 28	20 12	21 29	1 11	13 35	4 14	3 32	2 29	24 37	1 7	7 14	1 32	23 57	0 12	19 44	0 3	17 52	0 58	13 53	16 24	16 52	16 35	15 53		n.a.
S 29	20 24	17 3	0 3	13 28	4 17	3 56	2 30	24 40	1 7	7 13	1 31	23 57	0 12	19 43	0 3	17 52	0 58	13 53	16 25	16 52	16 36	15 55		n.a.
S 30	20 36	11 41	1s 8	13 23	4 18	4 20	2 31	24 42	1 7	7 12	1 31	23 57	0 12	19 42	0 3	17 52	0 59	13 53	16 25	16 52	16 37	15 58		n.a.
M31	20n48	5n39	2s16	13n21	4s18	4n45	2s31	24n44	1n 7	7n11	1n31	23n57	0n12	19s42	0n 3	17s52	0s59	13s53	16s25	16s52	16s38	16n 1		n.a.

Julian Day Number = 1496184.5, Delta T = 05h10m38s
Ecliptic obliquity = 23°46'18, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'25, Lahiri = -12°28'24 Julian Calendar 1 May 617 BCE == Greg. Calendar 24 Apr. 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

JUNE 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 11 31	2♊43'23	24♍32	18°D 5	18♈51	24♊14	15♍32	2♋31	26°R55	13°R42	2♈47	13°R56	14♒42	29♈26	n.a.	T 1
W 2	16 15 28	3°40'28	8♎58	18♉ 5	19°56	24°52	15°34	2°38	26♏53	13♒42	2°48	13♒52	14°39	29°33	n.a.	W 2
T 3	16 19 25	4°37'33	23°44	18°10	21° 1	25°30	15°37	2°45	26°50	13°42	2°49	13°46	14°36	29°40	n.a.	T 3
F 4	16 23 21	5°34'38	8♏43	18°20	22° 6	26° 8	15°39	2°52	26°48	13°41	2°50	13°37	14°33	29°46	n.a.	F 4
S 5	16 27 18	6°31'43	23°48	18°36	23°11	26°45	15°42	3° 0	26°46	13°41	2°50	13°28	14°29	29°53	n.a.	S 5
S 6	16 31 14	7°28'49	8♐48	18°56	24°17	27°23	15°45	3° 7	26°43	13°41	2°51	13°19	14°26	29°59	n.a.	S 6
M 7	16 35 11	8°25'55	23°35	19°22	25°23	28° 1	15°49	3°14	26°41	13°40	2°52	13°10	14°23	0♑ 7	n.a.	M 7
T 8	16 39 7	9°23'01	8♑ 0	19°53	26°29	28°39	15°52	3°21	26°38	13°40	2°52	13° 4	14°20	0°13	n.a.	T 8
W 9	16 43 4	10°20'08	21°58	20°29	27°35	29°17	15°56	3°28	26°36	13°39	2°53	13° 0	14°17	0°20	n.a.	W 9
T 10	16 47 1	11°17'15	5♒29	21°10	28°41	29°55	15°59	3°36	26°34	13°39	2°54	12°58	14°14	0°27	n.a.	T 10
F 11	16 50 57	12°14'23	18°32	21°57	29°48	0♋33	16° 3	3°43	26°31	13°38	2°54	12°D58	14°10	0°34	n.a.	F 11
S 12	16 54 54	13°11'32	1♓12	22°48	0♌54	1°10	16° 7	3°50	26°29	13°37	2°55	12°58	14° 7	0°40	n.a.	S 12
S 13	16 58 50	14° 8'42	13°33	23°45	2° 1	1°48	16°11	3°58	26°27	13°37	2°55	12°R59	14° 4	0°47	n.a.	S 13
M14	17 2 47	15° 5'52	25°39	24°46	3° 8	2°26	16°16	4° 5	26°25	13°36	2°56	12°58	14° 1	0°54	n.a.	M14
T 15	17 6 43	16° 3'03	7♈35	25°52	4°15	3° 4	16°20	4°13	26°22	13°36	2°56	12°56	13°58	1° 0	n.a.	T 15
W16	17 10 40	17° 0'15	19°27	27° 3	5°22	3°42	16°25	4°20	26°20	13°35	2°57	12°51	13°55	1° 7	n.a.	W16
T 17	17 14 36	17°57'28	1♉18	28°19	6°29	4°20	16°30	4°27	26°18	13°34	2°57	12°44	13°51	1°14	n.a.	T 17
F 18	17 18 33	18°54'42	13°12	29°39	7°37	4°58	16°35	4°35	26°16	13°33	2°58	12°36	13°48	1°21	n.a.	F 18
S 19	17 22 30	19°51'57	25°13	1♊ 4	8°44	5°36	16°40	4°42	26°14	13°32	2°58	12°26	13°45	1°27	n.a.	S 19
S 20	17 26 26	20°49'13	7♊20	2°33	9°52	6°14	16°45	4°50	26°11	13°32	2°59	12°17	13°42	1°34	n.a.	S 20
M21	17 30 23	21°46'30	19°37	4° 7	11° 0	6°52	16°51	4°58	26° 9	13°31	2°59	12° 8	13°39	1°41	n.a.	M21
T 22	17 34 19	22°43'47	2♋ 4	5°44	12° 8	7°30	16°56	5° 5	26° 7	13°30	3° 0	12° 0	13°35	1°47	n.a.	T 22
W23	17 38 16	23°41'06	14°42	7°25	13°16	8° 8	17° 2	5°13	26° 5	13°29	3° 0	11°55	13°32	1°54	n.a.	W23
T 24	17 42 12	24°38'25	27°31	9°10	14°24	8°46	17° 8	5°20	26° 3	13°28	3° 0	11°52	13°29	2° 1	n.a.	T 24
F 25	17 46 9	25°35'44	10♌31	10°58	15°33	9°24	17°14	5°28	26° 1	13°27	3° 1	11°D51	13°26	2° 8	n.a.	F 25
S 26	17 50 5	26°33'05	23°45	12°49	16°41	10° 2	17°20	5°35	25°59	13°26	3° 1	11°52	13°23	2°14	n.a.	S 26
S 27	17 54 2	27°30'26	7♍13	14°44	17°50	10°40	17°26	5°43	25°57	13°25	3° 1	11°53	13°20	2°21	n.a.	S 27
M28	17 57 59	28°27'48	20°56	16°40	18°58	11°18	17°33	5°51	25°55	13°24	3° 1	11°54	13°16	2°28	n.a.	M28
T 29	18 1 55	29°25'11	4♎55	18°39	20° 7	11°56	17°39	5°58	25°53	13°23	3° 2	11°R54	13°13	2°35	n.a.	T 29
W30	18 5 52	0♋22'34	19♎10	20♊39	21♉16	12♋34	17♍46	6♋ 6	25♏51	13♒22	3♈ 2	11♒52	13♒10	2♉41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n 0	0s49	3s18	13n21	4s16	5n 9	2s31	24n46	1n 7	7n10	1n30	23n57	0n12	19s41	0n 3	17s53	0s59	13s53	16s26	16s53	16s39	16n 3		n.a.
W 2	21 11	7 24	4 9	13 24	4 13	5 34	2 31	24 48	1 8	7 9	1 30	23 57	0 12	19 41	0 3	17 53	0 59	13 53	16 26	16 54	16 40	16 6		n.a.
T 3	21 21	13 43	4 44	13 29	4 9	5 58	2 32	24 49	1 8	7 8	1 30	23 57	0 13	19 40	0 3	17 53	0 59	13 53	16 26	16 55	16 41	16 9		n.a.
F 4	21 32	19 21	5 1	13 37	4 4	6 23	2 32	24 51	1 8	7 6	1 30	23 57	0 13	19 40	0 3	17 53	0 59	13 53	16 26	16 58	16 42	16 11		n.a.
S 5	21 42	23 47	4 58	13 47	3 58	6 48	2 31	24 52	1 8	7 5	1 29	23 57	0 13	19 39	0 3	17 53	0 59	13 53	16 27	17 1	16 43	16 14		n.a.
S 6	21 52	26 34	4 33	14 0	3 51	7 12	2 31	24 53	1 8	7 3	1 29	23 57	0 13	19 39	0 3	17 53	0 59	13 53	16 27	17 3	16 44	16 17		n.a.
M 7	22 1	27 28	3 51	14 14	3 43	7 37	2 31	24 54	1 8	7 2	1 29	23 57	0 13	19 38	0 3	17 53	0 59	13 53	16 27	17 6	16 45	16 19		n.a.
T 8	22 10	26 26	2 55	14 31	3 34	8 1	2 30	24 54	1 8	7 0	1 28	23 57	0 13	19 37	0 3	17 54	0 59	13 53	16 27	17 8	16 45	16 22		n.a.
W 9	22 18	23 45	1 49	14 50	3 24	8 26	2 30	24 55	1 8	6 59	1 28	23 56	0 13	19 37	0 3	17 54	0 59	13 53	16 28	17 9	16 46	16 25		n.a.
T 10	22 27	19 48	0 40	15 11	3 14	8 50	2 29	24 55	1 8	6 57	1 28	23 56	0 13	19 36	0 3	17 54	0 59	13 53	16 28	17 9	16 47	16 27		n.a.
F 11	22 34	15 0	0n30	15 34	3 3	9 15	2 28	24 55	1 9	6 55	1 28	23 56	0 13	19 36	0 3	17 54	0 59	13 53	16 28	17 9	16 48	16 30		n.a.
S 12	22 42	9 42	1 36	15 58	2 52	9 39	2 27	24 55	1 9	6 53	1 27	23 56	0 13	19 35	0 3	17 54	0 59	13 53	16 29	17 9	16 49	16 32		n.a.
S 13	22 49	4 10	2 36	16 24	2 40	10 3	2 26	24 54	1 9	6 51	1 27	23 56	0 13	19 35	0 3	17 55	0 59	13 53	16 29	17 9	16 50	16 35		n.a.
M14	22 56	1n25	3 28	16 51	2 27	10 27	2 25	24 54	1 9	6 49	1 27	23 56	0 13	19 34	0 3	17 55	0 59	13 53	16 29	17 9	16 51	16 38		n.a.
T 15	23 2	6 52	4 10	17 19	2 15	10 51	2 24	24 53	1 9	6 47	1 26	23 56	0 13	19 34	0 3	17 55	0 59	13 53	16 30	17 10	16 52	16 40		n.a.
W16	23 8	12 1	4 40	17 48	2 2	11 15	2 23	24 52	1 9	6 45	1 26	23 55	0 14	19 33	0 3	17 55	0 59	13 53	16 30	17 11	16 53	16 43		n.a.
T 17	23 13	16 45	4 59	18 18	1 48	11 39	2 22	24 51	1 9	6 43	1 26	23 55	0 14	19 33	0 3	17 56	0 59	13 53	16 30	17 13	16 54	16 45		n.a.
F 18	23 18	20 51	5 5	18 49	1 35	12 2	2 20	24 50	1 9	6 41	1 26	23 55	0 14	19 32	0 3	17 56	0 59	13 53	16 31	17 16	16 55	16 48		n.a.
S 19	23 23	24 8	4 58	19 20	1 22	12 25	2 19	24 48	1 9	6 38	1 25	23 55	0 14	19 32	0 3	17 56	0 59	13 54	16 31	17 18	16 56	16 51		n.a.
S 20	23 27	26 23	4 37	19 51	1 8	12 48	2 17	24 47	1 9	6 36	1 25	23 55	0 14	19 31	0 3	17 56	0 59	13 54	16 31	17 21	16 57	16 53		n.a.
M21	23 31	27 24	4 3	20 22	0 55	13 11	2 15	24 45	1 9	6 34	1 25	23 55	0 14	19 31	0 3	17 57	0 59	13 54	16 31	17 24	16 58	16 56		n.a.
T 22	23 34	27 2	3 17	20 52	0 42	13 34	2 14	24 43	1 9	6 31	1 24	23 54	0 14	19 30	0 3	17 57	0 59	13 54	16 32	17 26	16 58	16 58		n.a.
W23	23 37	25 17	2 21	21 23	0 29	13 57	2 12	24 40	1 9	6 29	1 24	23 54	0 14	19 30	0 3	17 57	0 59	13 54	16 32	17 27	16 59	17 1		n.a.
T 24	23 40	22 12	1 17	21 52	0 16	14 19	2 10	24 38	1 10	6 26	1 24	23 54	0 14	19 29	0 3	17 58	1 0	13 54	16 32	17 28	17 0	17 3		n.a.
F 25	23 42	17 57	0 7	22 20	0 4	14 41	2 8	24 35	1 10	6 24	1 24	23 54	0 14	19 29	0 3	17 58	1 0	13 54	16 33	17 28	17 1	17 6		n.a.
S 26	23 44	12 47	1s 4	22 47	0n 8	15 3	2 6	24 33	1 10	6 21	1 23	23 53	0 14	19 28	0 3	17 58	1 0	13 55	16 33	17 28	17 2	17 9		n.a.
S 27	23 45	6 56	2 13	23 12	0 20	15 24	2 4	24 30	1 10	6 18	1 23	23 53	0 14	19 28	0 3	17 59	1 0	13 55	16 33	17 28	17 3	17 11		n.a.
M28	23 46	0 39	3 15	23 36	0 30	15 45	2 2	24 26	1 10	6 15	1 23	23 53	0 15	19 27	0 3	17 59	1 0	13 55	16 34	17 28	17 4	17 14		n.a.
T 29	23 46	5s46	4 8	23 57	0 41	16 6	2 0	24 23	1 10	6 12	1 23	23 53	0 15	19 27	0 3	17 59	1 0	13 55	16 34	17 28	17 5	17 16		n.a.
W30	23n46	12s 0	4s46	24n16	0n50	16n27	1s57	24n20	1n10	6n10	1n22	23n52	0n15	19s26	0n 3	18s 0	1s 0	13s55	16s34	17s28	17s 6	17n19		n.a.

Julian Day Number = 1496215.5, Delta T = 05h10m37s
Ecliptic obliquity = 23°46'17, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'21, Lahiri = -12°28'20 Julian Calendar 1 June 617 BCE == Greg. Calendar 25 May 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

JULY 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 9 48	1♋19'58	3♏38	22♊41	22♉25	13♋12	17♍53	6♋14	25°R50	13°R21	3♈ 2	11°R49	13♒ 7	2♉48	n.a.	T 1
F 2	18 13 45	2°17'23	18°15	24°44	23°34	13°50	18° 0	6°21	25♏48	13♒20	3° 2	11♒45	13° 4	2°55	n.a.	F 2
S 3	18 17 41	3°14'50	2♐56	26°47	24°43	14°28	18° 7	6°29	25°46	13°19	3° 2	11°39	13° 1	3° 1	n.a.	S 3
S 4	18 21 38	4°12'17	17°34	28°52	25°53	15° 6	18°14	6°37	25°44	13°17	3° 3	11°34	12°57	3° 8	n.a.	S 4
M 5	18 25 34	5° 9'45	2♑ 2	0♋56	27° 2	15°44	18°22	6°44	25°43	13°16	3° 3	11°29	12°54	3°15	n.a.	M 5
T 6	18 29 31	6° 7'15	16°13	3° 0	28°12	16°22	18°29	6°52	25°41	13°15	3° 3	11°25	12°51	3°22	n.a.	T 6
W 7	18 33 28	7° 4'46	0♒ 3	5° 4	29°21	17° 0	18°37	7° 0	25°39	13°14	3° 3	11°23	12°48	3°28	n.a.	W 7
T 8	18 37 24	8° 2'18	13°30	7° 7	0♊31	17°38	18°45	7° 7	25°38	13°12	3° 3	11°D22	12°45	3°35	n.a.	T 8
F 9	18 41 21	8°59'52	26°33	9° 9	1°41	18°17	18°53	7°15	25°36	13°11	3° 3	11°23	12°41	3°42	n.a.	F 9
S 10	18 45 17	9°57'27	9♓14	11°11	2°51	18°55	19° 1	7°23	25°35	13°10	3°R 3	11°25	12°38	3°49	n.a.	S 10
S 11	18 49 14	10°55'04	21°37	13°11	4° 1	19°33	19° 9	7°30	25°33	13° 9	3° 3	11°26	12°35	3°55	n.a.	S 11
M12	18 53 10	11°52'42	3♈46	15°11	5°11	20°11	19°17	7°38	25°32	13° 7	3° 3	11°28	12°32	4° 2	n.a.	M12
T 13	18 57 7	12°50'22	15°44	17° 9	6°22	20°49	19°26	7°46	25°30	13° 6	3° 3	11°R28	12°29	4° 9	n.a.	T 13
W14	19 1 3	13°48'04	27°38	19° 6	7°32	21°27	19°34	7°53	25°29	13° 4	3° 3	11°27	12°26	4°15	n.a.	W14
T 15	19 5 0	14°45'48	9♉31	21° 2	8°42	22° 6	19°43	8° 1	25°28	13° 3	3° 3	11°25	12°22	4°22	n.a.	T 15
F 16	19 8 57	15°43'33	21°27	22°56	9°53	22°44	19°51	8° 9	25°26	13° 2	3° 3	11°22	12°19	4°29	n.a.	F 16
S 17	19 12 53	16°41'21	3♊32	24°49	11° 4	23°22	20° 0	8°16	25°25	13° 0	3° 2	11°18	12°16	4°36	n.a.	S 17
S 18	19 16 50	17°39'10	15°47	26°41	12°14	24° 0	20° 9	8°24	25°24	12°59	3° 2	11°14	12°13	4°42	n.a.	S 18
M19	19 20 46	18°37'01	28°14	28°31	13°25	24°39	20°18	8°31	25°23	12°57	3° 2	11°10	12°10	4°49	n.a.	M19
T 20	19 24 43	19°34'53	10♋56	0♌20	14°36	25°17	20°27	8°39	25°22	12°56	3° 2	11° 8	12° 7	4°56	n.a.	T 20
W21	19 28 39	20°32'47	23°52	2° 8	15°47	25°55	20°37	8°47	25°21	12°54	3° 2	11° 6	12° 3	5° 2	n.a.	W21
T 22	19 32 36	21°30'43	7♌ 2	3°54	16°58	26°34	20°46	8°54	25°20	12°53	3° 1	11°D 5	12° 0	5° 9	n.a.	T 22
F 23	19 36 33	22°28'41	20°26	5°39	18° 9	27°12	20°56	9° 2	25°19	12°51	3° 1	11° 5	11°57	5°16	n.a.	F 23
S 24	19 40 29	23°26'39	4♍ 2	7°22	19°21	27°50	21° 5	9° 9	25°18	12°50	3° 1	11° 6	11°54	5°23	n.a.	S 24
S 25	19 44 26	24°24'40	17°49	9° 5	20°32	28°29	21°15	9°17	25°17	12°48	3° 1	11° 7	11°51	5°29	n.a.	S 25
M26	19 48 22	25°22'42	1♎46	10°46	21°44	29° 7	21°25	9°24	25°16	12°47	3° 0	11° 8	11°47	5°36	n.a.	M26
T 27	19 52 19	26°20'45	15°51	12°25	22°55	29°46	21°35	9°32	25°15	12°45	3° 0	11° 9	11°44	5°43	n.a.	T 27
W28	19 56 15	27°18'50	0♏ 3	14° 4	24° 7	0♌24	21°44	9°39	25°15	12°44	3° 0	11°R 9	11°41	5°50	n.a.	W28
T 29	20 0 12	28°16'56	14°18	15°41	25°18	1° 3	21°55	9°47	25°14	12°42	2°59	11° 9	11°38	5°56	n.a.	T 29
F 30	20 4 8	29°15'04	28°36	17°17	26°30	1°41	22° 5	9°54	25°13	12°40	2°59	11° 8	11°35	6° 3	n.a.	F 30
S 31	20 8 5	0♌13'14	12♐51	18♌51	27♊42	2♌20	22♍15	10♋ 1	25♏13	12♒39	2♈58	11♒ 7	11♒32	6♉10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n46	17s41	5s 7	24n33	0n59	16n47	1s55	24n16	1n10	6n 7	1n22	23n52	0n15	19s26	0n 3	18s 0	1s 0	13s56	16s35	17s29	17s 7	17n21		n.a.	T 1
F 2	23 45	22 25	5 8	24 47	1 7	17 7	1 53	24 12	1 10	6 4	1 22	23 52	0 15	19 26	0 3	18 0	1 0	13 56	16 35	17 30	17 8	17 24		n.a.	F 2
S 3	23 44	25 45	4 49	24 59	1 15	17 26	1 50	24 8	1 10	6 1	1 22	23 52	0 15	19 25	0 3	18 1	1 0	13 56	16 35	17 32	17 9	17 26		n.a.	S 3
S 4	23 42	27 21	4 11	25 8	1 22	17 45	1 48	24 4	1 10	5 57	1 21	23 51	0 15	19 25	0 3	18 1	1 0	13 56	16 36	17 33	17 9	17 29		n.a.	S 4
M 5	23 40	27 3	3 18	25 14	1 27	18 4	1 45	23 59	1 10	5 54	1 21	23 51	0 15	19 24	0 3	18 1	1 0	13 56	16 36	17 35	17 10	17 31		n.a.	M 5
T 6	23 38	24 58	2 13	25 17	1 33	18 22	1 42	23 55	1 10	5 51	1 21	23 51	0 15	19 24	0 3	18 2	1 0	13 57	16 36	17 36	17 11	17 34		n.a.	T 6
W 7	23 35	21 25	1 1	25 17	1 37	18 40	1 40	23 50	1 10	5 48	1 21	23 50	0 15	19 24	0 3	18 2	1 0	13 57	16 37	17 36	17 12	17 36		n.a.	W 7
T 8	23 31	16 49	0n12	25 15	1 41	18 58	1 37	23 45	1 10	5 45	1 20	23 50	0 15	19 23	0 3	18 3	1 0	13 57	16 37	17 36	17 13	17 39		n.a.	T 8
F 9	23 28	11 33	1 22	25 10	1 43	19 15	1 34	23 40	1 10	5 41	1 20	23 50	0 15	19 23	0 3	18 3	1 0	13 58	16 37	17 36	17 14	17 41		n.a.	F 9
S 10	23 23	5 57	2 26	25 3	1 46	19 31	1 31	23 34	1 10	5 38	1 20	23 49	0 16	19 23	0 3	18 3	1 0	13 58	16 38	17 36	17 15	17 44		n.a.	S 10
S 11	23 19	0 16	3 22	24 53	1 47	19 48	1 29	23 29	1 10	5 34	1 20	23 49	0 16	19 22	0 3	18 4	1 0	13 58	16 38	17 35	17 16	17 46		n.a.	S 11
M12	23 14	5n18	4 8	24 41	1 48	20 3	1 26	23 23	1 10	5 31	1 19	23 49	0 16	19 22	0 3	18 4	1 0	13 58	16 38	17 35	17 17	17 49		n.a.	M12
T 13	23 9	10 36	4 42	24 26	1 48	20 19	1 23	23 17	1 10	5 27	1 19	23 48	0 16	19 22	0 3	18 5	1 0	13 59	16 39	17 35	17 18	17 51		n.a.	T 13
W14	23 3	15 29	5 4	24 10	1 47	20 33	1 20	23 11	1 10	5 24	1 19	23 48	0 16	19 21	0 3	18 5	1 0	13 59	16 39	17 35	17 19	17 54		n.a.	W14
T 15	22 56	19 48	5 13	23 51	1 46	20 47	1 17	23 5	1 10	5 20	1 19	23 47	0 16	19 21	0 3	18 5	1 0	13 59	16 39	17 36	17 19	17 56		n.a.	T 15
F 16	22 50	23 20	5 8	23 31	1 45	21 1	1 14	22 59	1 10	5 16	1 19	23 47	0 16	19 21	0 3	18 6	1 0	14 0	16 40	17 37	17 20	17 59		n.a.	F 16
S 17	22 43	25 54	4 50	23 9	1 43	21 14	1 11	22 52	1 10	5 13	1 18	23 47	0 16	19 20	0 3	18 6	1 0	14 0	16 40	17 38	17 21	18 1		n.a.	S 17
S 18	22 35	27 17	4 18	22 45	1 40	21 27	1 8	22 45	1 10	5 9	1 18	23 46	0 16	19 20	0 3	18 7	1 0	14 0	16 40	17 39	17 22	18 3		n.a.	S 18
M19	22 27	27 20	3 34	22 20	1 37	21 39	1 5	22 38	1 10	5 5	1 18	23 46	0 16	19 20	0 3	18 7	1 0	14 1	16 41	17 40	17 23	18 6		n.a.	M19
T 20	22 19	25 57	2 38	21 53	1 34	21 51	1 2	22 31	1 10	5 1	1 18	23 46	0 16	19 20	0 3	18 8	1 0	14 1	16 41	17 41	17 24	18 8		n.a.	T 20
W21	22 11	23 10	1 33	21 25	1 30	22 2	0 59	22 24	1 10	4 57	1 18	23 45	0 17	19 19	0 3	18 8	1 0	14 2	16 41	17 41	17 25	18 11		n.a.	W21
T 22	22 1	19 8	0 22	20 56	1 25	22 12	0 56	22 17	1 10	4 53	1 17	23 45	0 17	19 19	0 3	18 9	1 0	14 2	16 41	17 41	17 26	18 13		n.a.	T 22
F 23	21 52	14 4	0s51	20 25	1 21	22 22	0 53	22 9	1 10	4 49	1 17	23 44	0 17	19 19	0 3	18 9	1 0	14 2	16 42	17 41	17 27	18 16		n.a.	F 23
S 24	21 42	8 15	2 3	19 54	1 16	22 31	0 50	22 1	1 10	4 45	1 17	23 44	0 17	19 19	0 3	18 10	1 0	14 3	16 42	17 41	17 28	18 18		n.a.	S 24
S 25	21 32	1 59	3 9	19 22	1 10	22 39	0 46	21 53	1 10	4 41	1 17	23 43	0 17	19 18	0 3	18 10	1 0	14 3	16 42	17 41	17 28	18 20		n.a.	S 25
M26	21 21	4s27	4 4	18 49	1 5	22 47	0 43	21 45	1 10	4 37	1 17	23 43	0 17	19 18	0 3	18 10	1 0	14 4	16 43	17 40	17 29	18 23		n.a.	M26
T 27	21 10	10 42	4 46	18 15	0 59	22 55	0 40	21 37	1 10	4 33	1 16	23 43	0 17	19 18	0 3	18 11	1 1	14 4	16 43	17 40	17 30	18 25		n.a.	T 27
W28	20 59	16 28	5 10	17 40	0 52	23 1	0 37	21 29	1 10	4 29	1 16	23 42	0 17	19 18	0 3	18 11	1 1	14 4	16 43	17 40	17 31	18 28		n.a.	W28
T 29	20 47	21 22	5 15	17 5	0 46	23 7	0 34	21 20	1 10	4 25	1 16	23 42	0 17	19 18	0 3	18 12	1 1	14 5	16 44	17 40	17 32	18 30		n.a.	T 29
F 30	20 35	25 1	5 1	16 30	0 39	23 13	0 31	21 12	1 10	4 20	1 16	23 41	0 17	19 18	0 3	18 12	1 1	14 5	16 44	17 40	17 33	18 32		n.a.	F 30
S 31	20n23	27s 6	4s29	15n54	0n32	23n17	0s28	21n 3	1n10	4n16	1n16	23n41	0n18	19s17	0n 3	18s13	1s 1	14s 6	16s44	17s41	17s34	18n35		n.a.	S 31

Julian Day Number = 1496245.5, Delta T = 05h10m36s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'16, Lahiri = -12°28'16 Julian Calendar 1 July 617 BCE == Greg. Calendar 24 June 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

AUGUST 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 12 2	1♌11'25	27♐ 1	20♌25	28♊54	2♌58	22♍25	10♋ 9	25°R12	12°R37	2°R58	11°R 5	11♒28	6♉16	n.a.	S 1
M 2	20 15 58	2° 9'38	11♑ 1	21°57	0♋ 6	3°37	22°36	10°16	25♏12	12♒36	2♈57	11♒ 4	11°25	6°23	n.a.	M 2
T 3	20 19 55	3° 7'53	24°49	23°28	1°18	4°15	22°46	10°23	25°11	12°34	2°57	11° 4	11°22	6°30	n.a.	T 3
W 4	20 23 51	4° 6'09	8♒20	24°58	2°30	4°54	22°57	10°31	25°11	12°32	2°56	11°D 3	11°19	6°37	n.a.	W 4
T 5	20 27 48	5° 4'28	21°34	26°26	3°42	5°32	23° 8	10°38	25°10	12°31	2°56	11° 3	11°16	6°43	n.a.	T 5
F 6	20 31 44	6° 2'48	4♓30	27°53	4°55	6°11	23°18	10°45	25°10	12°29	2°55	11° 4	11°13	6°50	n.a.	F 6
S 7	20 35 41	7° 1'11	17° 8	29°19	6° 7	6°49	23°29	10°52	25°10	12°27	2°55	11° 4	11° 9	6°57	n.a.	S 7
S 8	20 39 37	7°59'35	29°30	0♍44	7°19	7°28	23°40	10°59	25°10	12°26	2°54	11° 5	11° 6	7° 4	n.a.	S 8
M 9	20 43 34	8°58'02	11♈39	2° 7	8°32	8° 7	23°51	11° 7	25°10	12°24	2°54	11° 5	11° 3	7°10	n.a.	M 9
T 10	20 47 30	9°56'31	23°38	3°29	9°45	8°45	24° 2	11°14	25°10	12°22	2°53	11° 5	11° 0	7°17	n.a.	T 10
W11	20 51 27	10°55'03	5♉32	4°50	10°57	9°24	24°13	11°21	25°D 9	12°21	2°52	11° 5	10°57	7°24	n.a.	W11
T 12	20 55 24	11°53'36	17°26	6° 9	12°10	10° 3	24°25	11°28	25° 9	12°19	2°52	11° 5	10°53	7°30	n.a.	T 12
F 13	20 59 20	12°52'13	29°23	7°27	13°23	10°42	24°36	11°35	25°10	12°17	2°51	11° 5	10°50	7°37	n.a.	F 13
S 14	21 3 17	13°50'51	11♊28	8°43	14°36	11°20	24°47	11°42	25°10	12°16	2°50	11° 5	10°47	7°44	n.a.	S 14
S 15	21 7 13	14°49'32	23°46	9°57	15°49	11°59	24°59	11°48	25°10	12°14	2°50	11° 6	10°44	7°51	n.a.	S 15
M16	21 11 10	15°48'15	6♋20	11°10	17° 2	12°38	25°10	11°55	25°10	12°12	2°49	11° 6	10°41	7°57	n.a.	M16
T 17	21 15 6	16°47'00	19°12	12°21	18°15	13°17	25°22	12° 2	25°10	12°11	2°48	11° 7	10°38	8° 4	n.a.	T 17
W18	21 19 3	17°45'48	2♌24	13°31	19°28	13°56	25°34	12° 9	25°11	12° 9	2°48	11° 7	10°34	8°11	n.a.	W18
T 19	21 22 59	18°44'38	15°55	14°38	20°41	14°35	25°45	12°15	25°11	12° 7	2°47	11°R 7	10°31	8°17	n.a.	T 19
F 20	21 26 56	19°43'29	29°44	15°43	21°55	15°14	25°57	12°22	25°11	12° 6	2°46	11° 7	10°28	8°24	n.a.	F 20
S 21	21 30 53	20°42'23	13♍48	16°46	23° 8	15°52	26° 9	12°29	25°12	12° 4	2°45	11° 6	10°25	8°31	n.a.	S 21
S 22	21 34 49	21°41'19	28° 3	17°47	24°22	16°31	26°21	12°35	25°13	12° 3	2°44	11° 5	10°22	8°38	n.a.	S 22
M23	21 38 46	22°40'17	12♎24	18°45	25°35	17°10	26°33	12°42	25°13	12° 1	2°44	11° 3	10°19	8°44	n.a.	M23
T 24	21 42 42	23°39'16	26°47	19°40	26°49	17°49	26°45	12°48	25°14	11°59	2°43	11° 2	10°15	8°51	n.a.	T 24
W25	21 46 39	24°38'18	11♏ 7	20°33	28° 2	18°28	26°57	12°55	25°14	11°58	2°42	11° 1	10°12	8°58	n.a.	W25
T 26	21 50 35	25°37'21	25°21	21°22	29°16	19° 7	27° 9	13° 1	25°15	11°56	2°41	11°D 1	10° 9	9° 5	n.a.	T 26
F 27	21 54 32	26°36'27	9♐27	22° 7	0♌30	19°47	27°21	13° 7	25°16	11°54	2°40	11° 1	10° 6	9°11	n.a.	F 27
S 28	21 58 28	27°35'34	23°22	22°49	1°43	20°26	27°33	13°13	25°17	11°53	2°39	11° 2	10° 3	9°18	n.a.	S 28
S 29	22 2 25	28°34'43	7♑ 7	23°26	2°57	21° 5	27°46	13°20	25°18	11°51	2°38	11° 3	9°59	9°25	n.a.	S 29
M30	22 6 22	29°33'54	20°40	23°59	4°11	21°44	27°58	13°26	25°19	11°50	2°38	11° 4	9°56	9°31	n.a.	M30
T 31	22 10 18	0♍33'07	4♒ 1	24♍27	5♌25	22♌23	28♍10	13♋32	25♏20	11♒48	2♈37	11♒ 5	9♒53	9♉38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20n10	27s24	3s40	15n17	0n25	23n22	0s24	20n54	1n10	4n12	1n15	23n40	0n18	19s17	0n 3	18s13	1s 1	14s 6	16s44	17s41	17s35	18n37			n.a.
M 2	19 57	25 57	2 39	14 40	0 18	23 25	0 21	20 45	1 10	4 8	1 15	23 40	0 18	19 17	0 3	18 14	1 1	14 7	16 45	17 41	17 36	18 39			n.a.
T 3	19 44	22 55	1 29	14 3	0 11	23 28	0 18	20 35	1 10	4 3	1 15	23 39	0 18	19 17	0 3	18 14	1 1	14 7	16 45	17 42	17 37	18 42			n.a.
W 4	19 30	18 40	0 15	13 26	0 3	23 30	0 15	20 26	1 10	3 59	1 15	23 39	0 18	19 17	0 2	18 15	1 1	14 7	16 45	17 42	17 37	18 44			n.a.
T 5	19 16	13 36	0n58	12 48	0s 5	23 31	0 12	20 16	1 9	3 54	1 15	23 38	0 18	19 17	0 2	18 15	1 1	14 8	16 46	17 42	17 38	18 47			n.a.
F 6	19 1	8 2	2 6	12 11	0 13	23 32	0 9	20 6	1 9	3 50	1 14	23 38	0 18	19 17	0 2	18 16	1 1	14 8	16 46	17 42	17 39	18 49			n.a.
S 7	18 46	2 17	3 7	11 33	0 21	23 32	0 6	19 56	1 9	3 45	1 14	23 37	0 18	19 17	0 2	18 16	1 1	14 9	16 46	17 41	17 40	18 51			n.a.
S 8	18 31	3n25	3 57	10 55	0 29	23 31	0 3	19 46	1 9	3 41	1 14	23 37	0 18	19 17	0 2	18 17	1 1	14 9	16 46	17 41	17 41	18 54			n.a.
M 9	18 16	8 53	4 36	10 17	0 37	23 30	0n 0	19 36	1 9	3 36	1 14	23 36	0 18	19 17	0 2	18 17	1 1	14 10	16 47	17 41	17 42	18 56			n.a.
T 10	18 0	13 58	5 2	9 40	0 45	23 27	0 3	19 26	1 9	3 32	1 14	23 36	0 19	19 17	0 2	18 18	1 1	14 10	16 47	17 41	17 43	18 58			n.a.
W11	17 44	18 30	5 15	9 3	0 54	23 25	0 6	19 15	1 9	3 27	1 14	23 35	0 19	19 17	0 2	18 18	1 1	14 11	16 47	17 41	17 44	19 1			n.a.
T 12	17 28	22 18	5 15	8 25	1 2	23 21	0 9	19 5	1 9	3 22	1 14	23 35	0 19	19 17	0 2	18 19	1 1	14 11	16 48	17 41	17 44	19 3			n.a.
F 13	17 11	25 11	5 1	7 49	1 10	23 17	0 12	18 54	1 9	3 18	1 13	23 34	0 19	19 17	0 2	18 19	1 1	14 12	16 48	17 41	17 45	19 5			n.a.
S 14	16 54	26 59	4 34	7 12	1 19	23 12	0 15	18 43	1 9	3 13	1 13	23 34	0 19	19 17	0 2	18 20	1 1	14 12	16 48	17 41	17 46	19 8			n.a.
S 15	16 37	27 30	3 53	6 36	1 27	23 7	0 18	18 32	1 9	3 8	1 13	23 33	0 19	19 17	0 2	18 20	1 1	14 13	16 48	17 41	17 47	19 10			n.a.
M16	16 19	26 38	3 1	6 0	1 35	23 0	0 20	18 21	1 9	3 3	1 13	23 33	0 19	19 17	0 2	18 21	1 1	14 13	16 49	17 41	17 48	19 12			n.a.
T 17	16 1	24 20	1 58	5 25	1 44	22 53	0 23	18 9	1 9	2 59	1 13	23 32	0 19	19 17	0 2	18 21	1 1	14 14	16 49	17 41	17 49	19 14			n.a.
W18	15 43	20 41	0 48	4 51	1 52	22 46	0 26	17 58	1 8	2 54	1 13	23 32	0 19	19 17	0 2	18 22	1 1	14 14	16 49	17 41	17 50	19 17			n.a.
T 19	15 25	15 52	0s27	4 17	2 0	22 37	0 28	17 46	1 8	2 49	1 12	23 31	0 19	19 17	0 2	18 22	1 1	14 15	16 49	17 41	17 51	19 19			n.a.
F 20	15 6	10 8	1 41	3 44	2 8	22 28	0 31	17 35	1 8	2 44	1 12	23 31	0 20	19 17	0 2	18 23	1 1	14 15	16 49	17 41	17 51	19 21			n.a.
S 21	14 47	3 50	2 51	3 12	2 16	22 19	0 34	17 23	1 8	2 39	1 12	23 30	0 20	19 18	0 2	18 23	1 1	14 16	16 50	17 41	17 52	19 24			n.a.
S 22	14 28	2s45	3 51	2 41	2 24	22 8	0 36	17 11	1 8	2 34	1 12	23 30	0 20	19 18	0 2	18 23	1 1	14 16	16 50	17 41	17 53	19 26			n.a.
M23	14 9	9 13	4 37	2 11	2 32	21 57	0 39	16 59	1 8	2 29	1 12	23 29	0 20	19 18	0 2	18 24	1 1	14 17	16 50	17 42	17 54	19 28			n.a.
T 24	13 49	15 12	5 6	1 42	2 39	21 46	0 41	16 47	1 8	2 24	1 12	23 29	0 20	19 18	0 2	18 24	1 1	14 17	16 50	17 42	17 55	19 30			n.a.
W25	13 29	20 21	5 16	1 15	2 47	21 33	0 44	16 34	1 8	2 19	1 12	23 28	0 20	19 18	0 2	18 25	1 1	14 18	16 51	17 42	17 56	19 33			n.a.
T 26	13 9	24 18	5 6	0 49	2 54	21 20	0 46	16 22	1 8	2 14	1 12	23 28	0 20	19 18	0 2	18 25	1 1	14 18	16 51	17 42	17 57	19 35			n.a.
F 27	12 49	26 45	4 38	0 25	3 0	21 7	0 48	16 9	1 7	2 9	1 11	23 27	0 20	19 19	0 2	18 26	1 1	14 19	16 51	17 42	17 58	19 37			n.a.
S 28	12 29	27 30	3 54	0 3	3 6	20 52	0 51	15 56	1 7	2 4	1 11	23 27	0 20	19 19	0 2	18 26	1 1	14 20	16 51	17 42	17 58	19 39			n.a.
S 29	12 8	26 31	2 57	0s18	3 12	20 38	0 53	15 44	1 7	1 59	1 11	23 26	0 21	19 19	0 2	18 27	1 1	14 20	16 51	17 42	17 59	19 41			n.a.
M30	11 47	23 58	1 50	0 36	3 17	20 22	0 55	15 31	1 7	1 54	1 11	23 26	0 21	19 19	0 2	18 27	1 1	14 21	16 51	17 41	18 0	19 44			n.a.
T 31	11n26	20s 9	0s39	0s51	3s22	20n 6	0n57	15n18	1n 7	1n49	1n11	23n25	0n21	19s19	0n 2	18s28	1s 1	14s21	16s52	17s41	18s 1	19n46			n.a.

Julian Day Number = 1496276.5, Delta T = 05h10m34s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'12, Lahiri = -12°28'12 Julian Calendar 1 Aug. 617 BCE == Greg. Calendar 25 July 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

SEPTEMBER 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 14 15	1♍32'22	17♒ 9	24♍50	6♌39	23♌ 2	28♍23	13♋38	25♏21	11°R47	2°R36	11°R 5	9♒50	9♉45	n.a.	W 1
T 2	22 18 11	2°31'39	0♓ 4	25° 7	7°53	23°41	28°35	13°44	25°22	11♒45	2♈35	11♒ 4	9°47	9°52	n.a.	T 2
F 3	22 22 8	3°30'58	12°46	25°17	9° 7	24°21	28°48	13°50	25°23	11°44	2°34	11° 2	9°44	9°58	n.a.	F 3
S 4	22 26 4	4°30'20	25°15	25°R21	10°21	25° 0	29° 0	13°55	25°24	11°42	2°33	10°59	9°40	10° 5	n.a.	S 4
S 5	22 30 1	5°29'43	7♈31	25°18	11°36	25°39	29°13	14° 1	25°25	11°41	2°32	10°55	9°37	10°12	n.a.	S 5
M 6	22 33 57	6°29'09	19°38	25° 7	12°50	26°18	29°26	14° 7	25°27	11°39	2°31	10°51	9°34	10°19	n.a.	M 6
T 7	22 37 54	7°28'37	1♉36	24°48	14° 4	26°58	29°38	14°12	25°28	11°38	2°30	10°46	9°31	10°25	n.a.	T 7
W 8	22 41 50	8°28'08	13°29	24°21	15°18	27°37	29°51	14°18	25°29	11°36	2°29	10°43	9°28	10°32	n.a.	W 8
T 9	22 45 47	9°27'41	25°21	23°45	16°33	28°16	0♎ 4	14°23	25°31	11°35	2°28	10°41	9°24	10°39	n.a.	T 9
F 10	22 49 44	10°27'17	7♊16	23° 1	17°47	28°56	0°17	14°29	25°32	11°33	2°27	10°D40	9°21	10°45	n.a.	F 10
S 11	22 53 40	11°26'55	19°19	22°10	19° 2	29°35	0°30	14°34	25°34	11°32	2°26	10°40	9°18	10°52	n.a.	S 11
S 12	22 57 37	12°26'35	1♋35	21°11	20°16	0♍15	0°43	14°39	25°35	11°31	2°25	10°41	9°15	10°59	n.a.	S 12
M13	23 1 33	13°26'18	14° 8	20° 6	21°31	0°54	0°55	14°45	25°37	11°29	2°23	10°43	9°12	11° 6	n.a.	M13
T 14	23 5 30	14°26'03	27° 3	18°56	22°46	1°34	1° 8	14°50	25°39	11°28	2°22	10°44	9° 9	11°12	n.a.	T 14
W15	23 9 26	15°25'50	10♌21	17°42	24° 0	2°13	1°21	14°55	25°40	11°27	2°21	10°R45	9° 5	11°19	n.a.	W15
T 16	23 13 23	16°25'40	24° 5	16°28	25°15	2°53	1°34	15° 0	25°42	11°25	2°20	10°44	9° 2	11°26	n.a.	T 16
F 17	23 17 19	17°25'32	8♍14	15°14	26°30	3°33	1°47	15° 5	25°44	11°24	2°19	10°42	8°59	11°33	n.a.	F 17
S 18	23 21 16	18°25'26	22°42	14° 4	27°45	4°12	2° 0	15° 9	25°46	11°23	2°18	10°37	8°56	11°39	n.a.	S 18
S 19	23 25 13	19°25'22	7♎25	12°58	29° 0	4°52	2°13	15°14	25°48	11°22	2°17	10°32	8°53	11°46	n.a.	S 19
M20	23 29 9	20°25'20	22°15	12° 0	0♍14	5°32	2°27	15°19	25°50	11°20	2°16	10°26	8°50	11°53	n.a.	M20
T 21	23 33 6	21°25'19	7♏ 3	11°11	1°29	6°11	2°40	15°23	25°52	11°19	2°15	10°20	8°46	11°59	n.a.	T 21
W22	23 37 2	22°25'21	21°43	10°32	2°44	6°51	2°53	15°28	25°54	11°18	2°14	10°15	8°43	12° 6	n.a.	W22
T 23	23 40 59	23°25'25	6♐ 7	10° 3	3°59	7°31	3° 6	15°32	25°56	11°17	2°12	10°12	8°40	12°13	n.a.	T 23
F 24	23 44 55	24°25'30	20°14	9°46	5°14	8°11	3°19	15°36	25°58	11°16	2°11	10°D10	8°37	12°20	n.a.	F 24
S 25	23 48 52	25°25'37	4♑ 2	9°D41	6°29	8°50	3°32	15°41	26° 0	11°15	2°10	10°10	8°34	12°26	n.a.	S 25
S 26	23 52 48	26°25'45	17°32	9°47	7°44	9°30	3°46	15°45	26° 2	11°14	2° 9	10°12	8°30	12°33	n.a.	S 26
M27	23 56 45	27°25'55	0♒46	10° 3	8°59	10°10	3°59	15°49	26° 5	11°13	2° 8	10°13	8°27	12°40	n.a.	M27
T 28	0 0 41	28°26'07	13°45	10°30	10°15	10°50	4°12	15°53	26° 7	11°12	2° 7	10°R13	8°24	12°46	n.a.	T 28
W29	0 4 38	29°26'21	26°31	11° 6	11°30	11°30	4°25	15°56	26° 9	11°11	2° 6	10°12	8°21	12°53	n.a.	W29
T 30	0 8 35	0♎26'36	9♓ 6	11♍51	12♍45	12♍10	4♎39	16♋ 0	26♏12	11♒10	2♈ 5	10♒ 8	8♒18	13♉ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n 4	15s23	0n33	1s 4	3s26	19n49	0n59	15n 5	1n 7	1n44	1n11	23n25	0n21	19s20	0n 2	18s28	1s 1	14s22	16s52	17s41	18s 2	19n48		n.a.
T 2	10 43	10 0	1 43	1 14	3 29	19 32	1 1	14 51	1 7	1 39	1 11	23 24	0 21	19 20	0 2	18 28	1 1	14 22	16 52	17 41	18 3	19 50		n.a.
F 3	10 21	4 19	2 45	1 20	3 31	19 14	1 3	14 38	1 6	1 34	1 11	23 24	0 21	19 20	0 2	18 29	1 1	14 23	16 52	17 42	18 4	19 53		n.a.
S 4	9 59	1n26	3 39	1 23	3 33	18 56	1 5	14 24	1 6	1 28	1 10	23 23	0 21	19 21	0 2	18 29	1 1	14 23	16 52	17 43	18 4	19 55		n.a.
S 5	9 37	7 1	4 22	1 21	3 33	18 37	1 7	14 11	1 6	1 23	1 10	23 23	0 21	19 21	0 2	18 30	1 1	14 24	16 52	17 44	18 5	19 57		n.a.
M 6	9 15	12 16	4 52	1 16	3 32	18 17	1 9	13 57	1 6	1 18	1 10	23 22	0 22	19 21	0 2	18 30	1 1	14 24	16 53	17 45	18 6	19 59		n.a.
T 7	8 53	17 0	5 9	1 6	3 29	17 57	1 10	13 43	1 6	1 13	1 10	23 22	0 22	19 22	0 2	18 31	1 1	14 25	16 53	17 46	18 7	20 1		n.a.
W 8	8 30	21 3	5 13	0 51	3 25	17 37	1 12	13 30	1 6	1 8	1 10	23 21	0 22	19 22	0 2	18 31	1 1	14 25	16 53	17 47	18 8	20 3		n.a.
T 9	8 8	24 15	5 3	0 32	3 19	17 16	1 13	13 16	1 5	1 2	1 10	23 21	0 22	19 22	0 2	18 31	1 1	14 26	16 53	17 48	18 9	20 6		n.a.
F 10	7 45	26 25	4 40	0 7	3 12	16 54	1 15	13 1	1 5	0 57	1 10	23 20	0 22	19 23	0 2	18 32	1 1	14 26	16 53	17 48	18 10	20 8		n.a.
S 11	7 22	27 24	4 5	0n22	3 2	16 32	1 16	12 47	1 5	0 52	1 10	23 20	0 22	19 23	0 2	18 32	1 1	14 27	16 53	17 48	18 10	20 10		n.a.
S 12	6 59	27 3	3 18	0 56	2 50	16 9	1 18	12 33	1 5	0 47	1 10	23 19	0 22	19 23	0 2	18 32	1 1	14 27	16 53	17 48	18 11	20 12		n.a.
M13	6 36	25 20	2 20	1 34	2 37	15 46	1 19	12 19	1 5	0 41	1 10	23 19	0 22	19 24	0 2	18 33	1 1	14 28	16 53	17 47	18 12	20 14		n.a.
T 14	6 13	22 15	1 14	2 16	2 22	15 23	1 20	12 4	1 5	0 36	1 10	23 18	0 23	19 24	0 2	18 33	1 1	14 28	16 53	17 47	18 13	20 16		n.a.
W15	5 49	17 55	0 2	3 1	2 5	14 59	1 21	11 50	1 4	0 31	1 9	23 18	0 23	19 25	0 2	18 34	1 1	14 29	16 54	17 47	18 14	20 19		n.a.
T 16	5 26	12 33	1s12	3 47	1 46	14 35	1 23	11 35	1 4	0 25	1 9	23 18	0 23	19 25	0 2	18 34	1 1	14 29	16 54	17 47	18 15	20 21		n.a.
F 17	5 2	6 23	2 24	4 34	1 27	14 10	1 24	11 20	1 4	0 20	1 9	23 17	0 23	19 26	0 2	18 34	1 1	14 30	16 54	17 48	18 16	20 23		n.a.
S 18	4 38	0s15	3 28	5 20	1 6	13 45	1 25	11 5	1 4	0 15	1 9	23 17	0 23	19 26	0 2	18 35	1 1	14 30	16 54	17 49	18 16	20 25		n.a.
S 19	4 15	6 57	4 19	6 5	0 46	13 19	1 25	10 51	1 4	0 10	1 9	23 16	0 23	19 27	0 2	18 35	1 1	14 31	16 54	17 50	18 17	20 27		n.a.
M20	3 51	13 19	4 54	6 46	0 25	12 53	1 26	10 36	1 3	0 4	1 9	23 16	0 23	19 27	0 2	18 35	1 1	14 31	16 54	17 52	18 18	20 29		n.a.
T 21	3 27	18 54	5 9	7 23	0 5	12 27	1 27	10 21	1 3	0s 1	1 9	23 15	0 23	19 27	0 2	18 36	1 1	14 32	16 54	17 54	18 19	20 31		n.a.
W22	3 3	23 19	5 3	7 56	0n14	12 0	1 28	10 5	1 3	0 7	1 9	23 15	0 24	19 28	0 2	18 36	1 1	14 32	16 54	17 55	18 20	20 33		n.a.
T 23	2 39	26 11	4 38	8 23	0 32	11 33	1 28	9 50	1 3	0 12	1 9	23 15	0 24	19 28	0 2	18 36	1 1	14 33	16 54	17 56	18 21	20 35		n.a.
F 24	2 15	27 21	3 57	8 45	0 48	11 6	1 29	9 35	1 3	0 17	1 9	23 14	0 24	19 29	0 2	18 37	1 1	14 33	16 54	17 56	18 22	20 37		n.a.
S 25	1 51	26 45	3 3	9 1	1 3	10 38	1 29	9 20	1 2	0 23	1 9	23 14	0 24	19 30	0 2	18 37	1 1	14 34	16 54	17 56	18 22	20 40		n.a.
S 26	1 26	24 34	1 59	9 11	1 17	10 10	1 30	9 4	1 2	0 28	1 9	23 14	0 24	19 30	0 2	18 37	1 1	14 34	16 54	17 56	18 23	20 42		n.a.
M27	1 2	21 5	0 51	9 16	1 29	9 42	1 30	8 49	1 2	0 33	1 9	23 13	0 24	19 31	0 2	18 37	1 1	14 35	16 54	17 56	18 24	20 44		n.a.
T 28	0 38	16 38	0n19	9 15	1 39	9 13	1 30	8 33	1 2	0 39	1 9	23 13	0 24	19 31	0 2	18 38	1 1	14 35	16 54	17 56	18 25	20 46		n.a.
W29	0 14	11 30	1 27	9 9	1 47	8 44	1 30	8 18	1 1	0 44	1 9	23 13	0 24	19 32	0 2	18 38	1 1	14 36	16 54	17 56	18 26	20 48		n.a.
T 30	0s11	5s58	2n29	8n58	1n54	8n15	1n31	8n 2	1n 1	0s49	1n 9	23n12	0n25	19s32	0n 2	18s38	1s 1	14s36	16s54	17s57	18s27	20n50		n.a.

Julian Day Number = 1496307.5, Delta T = 05h10m33s
Ecliptic obliquity = 23°46'17, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'08, Lahiri = -12°28'08 Julian Calendar 1 Sept. 617 BCE == Greg. Calendar 25 Aug. 617 BCE

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

OCTOBER 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 12 31	1♎26'53	21♓31	12♍43	14♍ 0	12♍50	4♎52	16♋ 4	26♏14	11°R 9	2°R 3	10°R 2	8♒15	13♉ 7	n.a.	F 1
S 2	0 16 28	2°27'12	3♈48	13°41	15°15	13°30	5° 5	16° 7	26°17	11♒ 8	2♈ 2	9♒53	8°11	13°13	n.a.	S 2
S 3	0 20 24	3°27'32	15°56	14°46	16°31	14°10	5°18	16°11	26°19	11° 7	2° 1	9°43	8° 8	13°20	n.a.	S 3
M 4	0 24 21	4°27'55	27°57	15°55	17°46	14°50	5°32	16°14	26°22	11° 6	2° 0	9°32	8° 5	13°27	n.a.	M 4
T 5	0 28 17	5°28'19	9♉52	17°10	19° 1	15°30	5°45	16°17	26°24	11° 5	1°59	9°21	8° 2	13°34	n.a.	T 5
W 6	0 32 14	6°28'46	21°44	18°27	20°16	16°10	5°58	16°21	26°27	11° 5	1°58	9°12	7°59	13°40	n.a.	W 6
T 7	0 36 10	7°29'14	3♊35	19°48	21°32	16°50	6°12	16°24	26°29	11° 4	1°57	9° 4	7°56	13°47	n.a.	T 7
F 8	0 40 7	8°29'44	15°28	21°12	22°47	17°30	6°25	16°27	26°32	11° 3	1°55	8°59	7°52	13°54	n.a.	F 8
S 9	0 44 4	9°30'17	27°28	22°38	24° 3	18°11	6°38	16°30	26°35	11° 2	1°54	8°56	7°49	14° 0	n.a.	S 9
S 10	0 48 0	10°30'51	9♋39	24° 6	25°18	18°51	6°51	16°32	26°38	11° 2	1°53	8°D55	7°46	14° 7	n.a.	S 10
M11	0 51 57	11°31'27	22° 7	25°35	26°33	19°31	7° 5	16°35	26°40	11° 1	1°52	8°55	7°43	14°14	n.a.	M11
T 12	0 55 53	12°32'05	4♌56	27° 6	27°49	20°12	7°18	16°38	26°43	11° 0	1°51	8°R56	7°40	14°21	n.a.	T 12
W13	0 59 50	13°32'45	18°11	28°38	29° 4	20°52	7°31	16°40	26°46	11° 0	1°50	8°55	7°36	14°27	n.a.	W13
T 14	1 3 46	14°33'27	1♍55	0♎10	0♎20	21°32	7°45	16°42	26°49	10°59	1°49	8°53	7°33	14°34	n.a.	T 14
F 15	1 7 43	15°34'10	16° 9	1°43	1°35	22°13	7°58	16°45	26°52	10°59	1°48	8°48	7°30	14°41	n.a.	F 15
S 16	1 11 39	16°34'56	0♎49	3°17	2°51	22°53	8°11	16°47	26°55	10°58	1°47	8°41	7°27	14°47	n.a.	S 16
S 17	1 15 36	17°35'42	15°49	4°51	4° 6	23°33	8°24	16°49	26°58	10°58	1°45	8°31	7°24	14°54	n.a.	S 17
M18	1 19 33	18°36'31	1♏ 2	6°26	5°22	24°14	8°37	16°51	27° 1	10°58	1°44	8°21	7°21	15° 1	n.a.	M18
T 19	1 23 29	19°37'20	16°14	8° 0	6°37	24°54	8°51	16°53	27° 4	10°57	1°43	8°10	7°17	15° 8	n.a.	T 19
W20	1 27 26	20°38'11	1♐16	9°35	7°53	25°35	9° 4	16°54	27° 7	10°57	1°42	8° 1	7°14	15°14	n.a.	W20
T 21	1 31 22	21°39'03	16° 0	11°10	9° 9	26°16	9°17	16°56	27°10	10°57	1°41	7°54	7°11	15°21	n.a.	T 21
F 22	1 35 19	22°39'57	0♑19	12°44	10°24	26°56	9°30	16°57	27°13	10°56	1°40	7°50	7° 8	15°28	n.a.	F 22
S 23	1 39 15	23°40'51	14°13	14°19	11°40	27°37	9°43	16°59	27°16	10°56	1°39	7°48	7° 5	15°35	n.a.	S 23
S 24	1 43 12	24°41'46	27°41	15°54	12°55	28°17	9°56	17° 0	27°19	10°56	1°38	7°D47	7° 1	15°41	n.a.	S 24
M25	1 47 8	25°42'42	10♒48	17°29	14°11	28°58	10°10	17° 1	27°23	10°56	1°37	7°R48	6°58	15°48	n.a.	M25
T 26	1 51 5	26°43'39	23°35	19° 3	15°26	29°39	10°23	17° 2	27°26	10°56	1°36	7°47	6°55	15°55	n.a.	T 26
W27	1 55 2	27°44'37	6♓ 7	20°38	16°42	0♎20	10°36	17° 3	27°29	10°55	1°35	7°44	6°52	16° 1	n.a.	W27
T 28	1 58 58	28°45'36	18°27	22°12	17°58	1° 0	10°49	17° 4	27°32	10°55	1°34	7°38	6°49	16° 8	n.a.	T 28
F 29	2 2 55	29°46'36	0♈39	23°47	19°13	1°41	11° 2	17° 5	27°36	10°D55	1°33	7°29	6°46	16°15	n.a.	F 29
S 30	2 6 51	0♏47'36	12°43	25°21	20°29	2°22	11°14	17° 5	27°39	10°55	1°32	7°17	6°42	16°22	n.a.	S 30
S 31	2 10 48	1♏48'38	24♈43	26♎56	21♎44	3♎ 3	11♎27	17♋ 6	27♏42	10♒55	1♈31	7♒ 3	6♒39	16♉28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s35	0s18	3n23	8n44	2n 0	7n46	1n31	7n46	1n 1	0s55	1n 8	23n12	0n25	19s33	0n 2	18s38	1s 1	14s37	16s54	17s59	18s27	20n52		n.a.
S 2	0 59	5n18	4 7	8 25	2 4	7 17	1 31	7 30	1 1	1 0	1 8	23 12	0 25	19 34	0 2	18 39	1 1	14 37	16 54	18 1	18 28	20 54		n.a.
S 3	1 24	10 38	4 39	8 2	2 8	6 47	1 31	7 15	1 0	1 6	1 8	23 11	0 25	19 34	0 2	18 39	1 1	14 37	16 54	18 4	18 29	20 56		n.a.
M 4	1 48	15 31	4 58	7 37	2 10	6 17	1 30	6 59	1 0	1 11	1 8	23 11	0 25	19 35	0 2	18 39	1 1	14 38	16 54	18 7	18 30	20 58		n.a.
T 5	2 12	19 46	5 4	7 8	2 11	5 47	1 30	6 43	1 0	1 16	1 8	23 11	0 25	19 35	0 2	18 39	1 1	14 38	16 54	18 10	18 31	21 0		n.a.
W 6	2 36	23 13	4 57	6 38	2 11	5 17	1 30	6 27	1 0	1 22	1 8	23 11	0 25	19 36	0 2	18 39	1 0	14 39	16 54	18 12	18 32	21 2		n.a.
T 7	3 1	25 42	4 37	6 5	2 10	4 46	1 29	6 11	0 59	1 27	1 8	23 10	0 26	19 37	0 2	18 40	1 0	14 39	16 54	18 14	18 32	21 4		n.a.
F 8	3 25	27 2	4 5	5 30	2 9	4 16	1 29	5 54	0 59	1 32	1 8	23 10	0 26	19 37	0 2	18 40	1 0	14 40	16 54	18 16	18 33	21 6		n.a.
S 9	3 49	27 7	3 22	4 53	2 6	3 45	1 29	5 38	0 59	1 38	1 8	23 10	0 26	19 38	0 2	18 40	1 0	14 40	16 54	18 17	18 34	21 8		n.a.
S 10	4 13	25 54	2 29	4 16	2 4	3 14	1 28	5 22	0 59	1 43	1 8	23 10	0 26	19 39	0 2	18 40	1 0	14 40	16 54	18 17	18 35	21 10		n.a.
M11	4 37	23 23	1 28	3 37	2 0	2 43	1 27	5 6	0 58	1 48	1 8	23 9	0 26	19 39	0 2	18 40	1 0	14 41	16 54	18 17	18 36	21 12		n.a.
T 12	5 1	19 38	0 21	2 57	1 57	2 12	1 27	4 49	0 58	1 54	1 8	23 9	0 26	19 40	0 2	18 41	1 0	14 41	16 54	18 16	18 37	21 14		n.a.
W13	5 25	14 49	0s49	2 16	1 52	1 41	1 26	4 33	0 58	1 59	1 8	23 9	0 26	19 41	0 2	18 41	1 0	14 41	16 54	18 17	18 37	21 16		n.a.
T 14	5 49	9 5	1 59	1 34	1 48	1 10	1 25	4 17	0 57	2 4	1 8	23 9	0 27	19 41	0 2	18 41	1 0	14 42	16 53	18 17	18 38	21 18		n.a.
F 15	6 13	2 43	3 4	0 52	1 43	0 39	1 24	4 0	0 57	2 10	1 8	23 9	0 27	19 42	0 2	18 41	1 0	14 42	16 53	18 18	18 39	21 20		n.a.
S 16	6 36	3s58	3 59	0 10	1 38	0 7	1 23	3 44	0 57	2 15	1 8	23 9	0 27	19 43	0 2	18 41	1 0	14 43	16 53	18 20	18 40	21 22		n.a.
S 17	7 0	10 35	4 39	0s33	1 32	0s24	1 22	3 27	0 57	2 20	1 8	23 9	0 27	19 43	0 2	18 41	1 0	14 43	16 53	18 23	18 41	21 24		n.a.
M18	7 23	16 39	4 59	1 16	1 26	0 55	1 21	3 11	0 56	2 26	1 8	23 8	0 27	19 44	0 2	18 41	1 0	14 43	16 53	18 26	18 41	21 26		n.a.
T 19	7 47	21 41	4 59	1 59	1 20	1 27	1 20	2 54	0 56	2 31	1 8	23 8	0 27	19 45	0 2	18 41	1 0	14 44	16 53	18 29	18 42	21 28		n.a.
W20	8 10	25 13	4 37	2 43	1 14	1 58	1 19	2 38	0 56	2 36	1 8	23 8	0 27	19 46	0 2	18 41	1 0	14 44	16 53	18 31	18 43	21 29		n.a.
T 21	8 33	26 58	3 58	3 26	1 8	2 29	1 18	2 21	0 55	2 41	1 8	23 8	0 28	19 46	0 2	18 41	1 0	14 44	16 53	18 33	18 44	21 31		n.a.
F 22	8 56	26 51	3 4	4 9	1 2	3 0	1 16	2 4	0 55	2 47	1 8	23 8	0 28	19 47	0 2	18 41	1 0	14 44	16 53	18 34	18 45	21 33		n.a.
S 23	9 19	25 1	2 1	4 52	0 55	3 32	1 15	1 48	0 55	2 52	1 8	23 8	0 28	19 48	0 2	18 42	1 0	14 45	16 52	18 34	18 46	21 35		n.a.
S 24	9 42	21 47	0 53	5 35	0 49	4 3	1 14	1 31	0 54	2 57	1 8	23 8	0 28	19 48	0 2	18 42	1 0	14 45	16 52	18 34	18 46	21 37		n.a.
M25	10 4	17 31	0n16	6 18	0 42	4 34	1 12	1 14	0 54	3 2	1 8	23 8	0 28	19 49	0 2	18 42	1 0	14 45	16 52	18 34	18 47	21 39		n.a.
T 26	10 27	12 33	1 22	7 1	0 36	5 5	1 11	0 58	0 54	3 7	1 8	23 8	0 28	19 50	0 2	18 42	1 0	14 45	16 52	18 35	18 48	21 41		n.a.
W27	10 49	7 10	2 24	7 43	0 29	5 35	1 9	0 41	0 53	3 12	1 8	23 8	0 28	19 51	0 2	18 42	1 0	14 46	16 52	18 35	18 49	21 43		n.a.
T 28	11 11	1 37	3 17	8 25	0 22	6 6	1 7	0 24	0 53	3 18	1 8	23 8	0 29	19 51	0 2	18 42	1 0	14 46	16 52	18 37	18 50	21 45		n.a.
F 29	11 33	3n56	4 0	9 7	0 16	6 37	1 6	0 7	0 53	3 23	1 8	23 8	0 29	19 52	0 2	18 42	1 0	14 46	16 51	18 39	18 50	21 47		n.a.
S 30	11 55	9 16	4 33	9 48	0 9	7 7	1 4	0s 9	0 52	3 28	1 8	23 8	0 29	19 53	0 2	18 42	1 0	14 46	16 51	18 42	18 51	21 48		n.a.
S 31	12s16	14n13	4n52	10s29	0n 2	7s37	1n 2	0s26	0n52	3s33	1n 8	23n 8	0n29	19s54	0n 2	18s42	1s 0	14s47	16s51	18s46	18s52	21n50		n.a.

Julian Day Number = 1496337.5, Delta T = 05h10m31s
Ecliptic obliquity = 23°46'17, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'04, Lahiri = -12°28'03 Julian Calendar 1 Oct. 617 BCE == Greg. Calendar 24 Sept. 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

NOVEMBER 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 14 44	2♏49'41	6♉39	28♎30	23♎ 0	3♎44	11♎40	17♋ 6	27♏46	10♒55	1°R30	6°R48	6♒36	16♉35	n.a.	M 1
T 2	2 18 41	3°50'44	18°32	0♏ 4	24°16	4°25	11°53	17° 7	27°49	10°56	1♈29	6♒33	6°33	16°42	n.a.	T 2
W 3	2 22 37	4°51'49	0♊24	1°39	25°31	5° 6	12° 6	17° 7	27°52	10°56	1°28	6°19	6°30	16°48	n.a.	W 3
T 4	2 26 34	5°52'55	12°16	3°13	26°47	5°47	12°19	17°R 7	27°56	10°56	1°27	6° 8	6°27	16°55	n.a.	T 4
F 5	2 30 31	6°54'02	24°10	4°47	28° 2	6°28	12°31	17° 7	27°59	10°56	1°26	6° 0	6°23	17° 2	n.a.	F 5
S 6	2 34 27	7°55'10	6♋11	6°22	29°18	7° 9	12°44	17° 6	28° 3	10°56	1°25	5°54	6°20	17° 9	n.a.	S 6
S 7	2 38 24	8°56'18	18°20	7°56	0♏34	7°50	12°57	17° 6	28° 6	10°57	1°25	5°51	6°17	17°15	n.a.	S 7
M 8	2 42 20	9°57'28	0♌45	9°30	1°49	8°31	13° 9	17° 6	28°10	10°57	1°24	5°51	6°14	17°22	n.a.	M 8
T 9	2 46 17	10°58'39	13°28	11° 5	3° 5	9°12	13°22	17° 5	28°13	10°57	1°23	5°51	6°11	17°29	n.a.	T 9
W10	2 50 13	11°59'51	26°34	12°39	4°20	9°53	13°34	17° 5	28°17	10°58	1°22	5°50	6° 7	17°36	n.a.	W10
T 11	2 54 10	13° 1'03	10♍ 9	14°14	5°36	10°34	13°47	17° 4	28°20	10°58	1°21	5°48	6° 4	17°42	n.a.	T 11
F 12	2 58 6	14° 2'17	24°14	15°49	6°52	11°16	13°59	17° 3	28°24	10°59	1°20	5°43	6° 1	17°49	n.a.	F 12
S 13	3 2 3	15° 3'31	8♎48	17°24	8° 7	11°57	14°12	17° 2	28°27	10°59	1°20	5°36	5°58	17°56	n.a.	S 13
S 14	3 6 0	16° 4'46	23°47	18°59	9°23	12°38	14°24	17° 1	28°31	11° 0	1°19	5°26	5°55	18° 2	n.a.	S 14
M15	3 9 56	17° 6'02	9♏ 3	20°34	10°39	13°19	14°36	17° 0	28°34	11° 0	1°18	5°14	5°52	18° 9	n.a.	M15
T 16	3 13 53	18° 7'18	24°25	22°10	11°54	14° 1	14°48	16°59	28°38	11° 1	1°17	5° 3	5°48	18°16	n.a.	T 16
W17	3 17 49	19° 8'35	9♐42	23°45	13°10	14°42	15° 1	16°57	28°41	11° 1	1°17	4°53	5°45	18°23	n.a.	W17
T 18	3 21 46	20° 9'51	24°42	25°21	14°25	15°24	15°13	16°56	28°45	11° 2	1°16	4°45	5°42	18°29	n.a.	T 18
F 19	3 25 42	21°11'09	9♑17	26°57	15°41	16° 5	15°25	16°54	28°49	11° 3	1°15	4°40	5°39	18°36	n.a.	F 19
S 20	3 29 39	22°12'26	23°24	28°33	16°57	16°46	15°37	16°52	28°52	11° 3	1°15	4°38	5°36	18°43	n.a.	S 20
S 21	3 33 36	23°13'43	7♒ 1	0♐ 9	18°12	17°28	15°49	16°51	28°56	11° 4	1°14	4°D37	5°33	18°49	n.a.	S 21
M22	3 37 32	24°14'59	20°12	1°46	19°28	18° 9	16° 0	16°49	28°59	11° 5	1°13	4°R37	5°29	18°56	n.a.	M22
T 23	3 41 29	25°16'16	2♓59	3°22	20°43	18°51	16°12	16°47	29° 3	11° 6	1°13	4°37	5°26	19° 3	n.a.	T 23
W24	3 45 25	26°17'32	15°28	4°59	21°59	19°33	16°24	16°44	29° 7	11° 7	1°12	4°35	5°23	19°10	n.a.	W24
T 25	3 49 22	27°18'49	27°42	6°36	23°14	20°14	16°36	16°42	29°10	11° 8	1°11	4°31	5°20	19°16	n.a.	T 25
F 26	3 53 18	28°20'05	9♈46	8°13	24°30	20°56	16°47	16°40	29°14	11° 9	1°11	4°24	5°17	19°23	n.a.	F 26
S 27	3 57 15	29°21'20	21°44	9°50	25°45	21°37	16°59	16°37	29°18	11° 9	1°10	4°14	5°13	19°30	n.a.	S 27
S 28	4 1 11	0♐22'36	3♉37	11°27	27° 1	22°19	17°10	16°35	29°21	11°10	1°10	4° 3	5°10	19°37	n.a.	S 28
M29	4 5 8	1°23'51	15°30	13° 4	28°16	23° 1	17°21	16°32	29°25	11°11	1° 9	3°50	5° 7	19°43	n.a.	M29
T 30	4 9 5	2♐25'07	27♉22	14♐41	29♏32	23♎43	17♎33	16♋30	29♏28	11♒13	1♈ 9	3♒37	5♒ 4	19♉50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s37	18n37	4n59	11s 9	0s 4	8s 8	1n 1	0s43	0n51	3s38	1n 8	23n 9	0n29	19s55	0n 2	18s41	1s 0	14s47	16s51	18s50	18s53	21n52		n.a.
T 2	12 58	22 15	4 53	11 49	0 11	8 37	0 59	1 0	0 51	3 43	1 8	23 9	0 29	19 55	0 2	18 41	1 0	14 47	16 51	18 54	18 54	21 54		n.a.
W 3	13 19	24 58	4 34	12 29	0 17	9 7	0 57	1 17	0 51	3 48	1 8	23 9	0 30	19 56	0 2	18 41	1 0	14 47	16 50	18 57	18 54	21 56		n.a.
T 4	13 40	26 35	4 3	13 8	0 24	9 37	0 55	1 33	0 50	3 53	1 8	23 9	0 30	19 57	0 2	18 41	1 0	14 47	16 50	19 0	18 55	21 58		n.a.
F 5	14 0	26 59	3 21	13 46	0 30	10 6	0 53	1 50	0 50	3 58	1 8	23 9	0 30	19 58	0 1	18 41	1 0	14 48	16 50	19 2	18 56	22 0		n.a.
S 6	14 21	26 7	2 30	14 24	0 36	10 35	0 51	2 7	0 50	4 3	1 8	23 9	0 30	19 58	0 1	18 41	1 0	14 48	16 50	19 3	18 57	22 1		n.a.
S 7	14 40	24 0	1 31	15 1	0 42	11 4	0 49	2 24	0 49	4 8	1 8	23 9	0 30	19 59	0 1	18 41	1 0	14 48	16 49	19 4	18 58	22 3		n.a.
M 8	15 0	20 42	0 27	15 37	0 49	11 32	0 47	2 41	0 49	4 13	1 8	23 10	0 30	20 0	0 1	18 41	1 0	14 48	16 49	19 4	18 58	22 5		n.a.
T 9	15 20	16 22	0s40	16 13	0 54	12 0	0 45	2 57	0 48	4 18	1 8	23 10	0 30	20 1	0 1	18 41	1 0	14 48	16 49	19 4	18 59	22 7		n.a.
W10	15 39	11 9	1 47	16 48	1 0	12 28	0 43	3 14	0 48	4 23	1 8	23 10	0 31	20 2	0 1	18 41	1 0	14 48	16 49	19 4	19 0	22 9		n.a.
T 11	15 58	5 14	2 51	17 23	1 6	12 56	0 41	3 31	0 47	4 28	1 9	23 10	0 31	20 2	0 1	18 41	1 0	14 48	16 49	19 5	19 1	22 10		n.a.
F 12	16 16	1s 8	3 46	17 56	1 11	13 23	0 38	3 48	0 47	4 32	1 9	23 11	0 31	20 3	0 1	18 40	1 0	14 48	16 48	19 6	19 2	22 12		n.a.
S 13	16 35	7 38	4 29	18 29	1 17	13 50	0 36	4 4	0 47	4 37	1 9	23 11	0 31	20 4	0 1	18 40	1 0	14 48	16 48	19 8	19 2	22 14		n.a.
S 14	16 53	13 54	4 54	19 1	1 22	14 17	0 34	4 21	0 46	4 42	1 9	23 11	0 31	20 5	0 1	18 40	1 0	14 49	16 48	19 11	19 3	22 16		n.a.
M15	17 10	19 26	5 0	19 32	1 27	14 43	0 32	4 38	0 46	4 47	1 9	23 11	0 31	20 6	0 1	18 40	1 0	14 49	16 47	19 13	19 4	22 17		n.a.
T 16	17 28	23 43	4 44	20 2	1 32	15 9	0 30	4 54	0 45	4 52	1 9	23 12	0 32	20 7	0 1	18 40	1 0	14 49	16 47	19 16	19 5	22 19		n.a.
W17	17 45	26 17	4 7	20 31	1 36	15 34	0 27	5 11	0 45	4 56	1 9	23 12	0 32	20 7	0 1	18 39	1 0	14 49	16 47	19 19	19 6	22 21		n.a.
T 18	18 2	26 54	3 14	20 59	1 40	15 59	0 25	5 28	0 44	5 1	1 9	23 12	0 32	20 8	0 1	18 39	1 0	14 49	16 47	19 21	19 6	22 23		n.a.
F 19	18 18	25 36	2 10	21 26	1 45	16 24	0 23	5 44	0 44	5 6	1 9	23 13	0 32	20 9	0 1	18 39	1 0	14 49	16 46	19 22	19 7	22 25		n.a.
S 20	18 34	22 41	0 59	21 52	1 48	16 48	0 20	6 1	0 43	5 10	1 9	23 13	0 32	20 10	0 1	18 39	0 59	14 49	16 46	19 22	19 8	22 26		n.a.
S 21	18 50	18 34	0n13	22 17	1 52	17 12	0 18	6 17	0 43	5 15	1 9	23 14	0 32	20 11	0 1	18 39	0 59	14 49	16 46	19 22	19 9	22 28		n.a.
M22	19 6	13 40	1 22	22 41	1 55	17 35	0 16	6 34	0 43	5 19	1 9	23 14	0 32	20 11	0 1	18 38	0 59	14 49	16 45	19 22	19 10	22 30		n.a.
T 23	19 21	8 18	2 25	23 3	1 58	17 58	0 13	6 50	0 42	5 24	1 9	23 14	0 33	20 12	0 1	18 38	0 59	14 49	16 45	19 22	19 10	22 31		n.a.
W24	19 35	2 45	3 19	23 24	2 1	18 20	0 11	7 7	0 42	5 28	1 9	23 15	0 33	20 13	0 1	18 38	0 59	14 49	16 45	19 23	19 11	22 33		n.a.
T 25	19 50	2n47	4 3	23 44	2 3	18 42	0 9	7 23	0 41	5 33	1 9	23 15	0 33	20 14	0 1	18 38	0 59	14 49	16 45	19 24	19 12	22 35		n.a.
F 26	20 4	8 8	4 35	24 2	2 5	19 3	0 6	7 39	0 41	5 37	1 9	23 16	0 33	20 15	0 1	18 37	0 59	14 49	16 44	19 26	19 13	22 37		n.a.
S 27	20 17	13 8	4 55	24 19	2 6	19 24	0 4	7 55	0 40	5 41	1 10	23 16	0 33	20 15	0 1	18 37	0 59	14 48	16 44	19 28	19 13	22 38		n.a.
S 28	20 31	17 37	5 2	24 34	2 7	19 44	0 1	8 12	0 40	5 46	1 10	23 17	0 33	20 16	0 1	18 37	0 59	14 48	16 44	19 31	19 14	22 40		n.a.
M29	20 44	21 25	4 56	24 48	2 8	20 4	0s 1	8 28	0 39	5 50	1 10	23 17	0 33	20 17	0 1	18 36	0 59	14 48	16 43	19 34	19 15	22 42		n.a.
T 30	20s56	24n20	4n37	25s 0	2s 8	20s23	0s 3	8s44	0n39	5s54	1n10	23n18	0n34	20s18	0n 1	18s36	0s59	14s48	16s43	19s37	19s16	22n43		n.a.

Julian Day Number = 1496368.5, Delta T = 05h10m30s
Ecliptic obliquity = 23°46'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°35'00, Lahiri = -12°27'59 Julian Calendar 1 Nov. 617 BCE == Greg. Calendar 25 Oct. 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 617 BCE
geocentric

DECEMBER 617 BCE (-616) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 13 1	3♐26'22	9♊16	16♐18	0♐47	24♎24	17♎44	16°R27	29♏32	11♒14	1°R 8	3°R26	5♒ 1	19♉57	n.a.	W 1
T 2	4 16 58	4°27'37	21°13	17°55	2° 3	25° 6	17°55	16♋24	29°36	11°15	1♈ 8	3♒16	4°58	20° 3	n.a.	T 2
F 3	4 20 54	5°28'52	3♋14	19°31	3°18	25°48	18° 6	16°21	29°39	11°16	1° 8	3° 9	4°54	20°10	n.a.	F 3
S 4	4 24 51	6°30'06	15°22	21° 6	4°34	26°30	18°17	16°18	29°43	11°17	1° 7	3° 5	4°51	20°17	n.a.	S 4
S 5	4 28 47	7°31'21	27°38	22°41	5°49	27°12	18°28	16°15	29°46	11°18	1° 7	3°D 3	4°48	20°24	n.a.	S 5
M 6	4 32 44	8°32'35	10♌ 7	24°14	7° 5	27°54	18°38	16°11	29°50	11°20	1° 6	3° 3	4°45	20°30	n.a.	M 6
T 7	4 36 41	9°33'49	22°51	25°46	8°20	28°36	18°49	16° 8	29°54	11°21	1° 6	3° 4	4°42	20°37	n.a.	T 7
W 8	4 40 37	10°35'03	5♍54	27°17	9°36	29°18	19° 0	16° 5	29°57	11°22	1° 6	3°R 5	4°39	20°44	n.a.	W 8
T 9	4 44 34	11°36'17	19°21	28°46	10°51	29°59	19°10	16° 1	0♐ 1	11°23	1° 5	3° 5	4°35	20°50	n.a.	T 9
F 10	4 48 30	12°37'30	3♎13	0♏12	12° 6	0♏42	19°21	15°58	0° 4	11°25	1° 5	3° 3	4°32	20°57	n.a.	F 10
S 11	4 52 27	13°38'43	17°31	1°35	13°22	1°24	19°31	15°54	0° 8	11°26	1° 5	2°58	4°29	21° 4	n.a.	S 11
S 12	4 56 23	14°39'56	2♏13	2°55	14°37	2° 6	19°41	15°50	0°11	11°28	1° 5	2°52	4°26	21°11	n.a.	S 12
M13	5 0 20	15°41'09	17°14	4°11	15°53	2°48	19°51	15°46	0°15	11°29	1° 5	2°45	4°23	21°17	n.a.	M13
T 14	5 4 16	16°42'21	2♐25	5°23	17° 8	3°30	20° 1	15°42	0°19	11°30	1° 4	2°38	4°19	21°24	n.a.	T 14
W15	5 8 13	17°43'32	17°36	6°29	18°23	4°12	20°11	15°38	0°22	11°32	1° 4	2°31	4°16	21°31	n.a.	W15
T 16	5 12 10	18°44'43	2♑37	7°28	19°39	4°55	20°21	15°34	0°26	11°33	1° 4	2°26	4°13	21°37	n.a.	T 16
F 17	5 16 6	19°45'53	17°18	8°21	20°54	5°37	20°31	15°30	0°29	11°35	1° 4	2°23	4°10	21°44	n.a.	F 17
S 18	5 20 3	20°47'02	1♒34	9° 6	22°10	6°19	20°40	15°26	0°32	11°37	1° 4	2°D22	4° 7	21°51	n.a.	S 18
S 19	5 23 59	21°48'10	15°23	9°42	23°25	7° 1	20°50	15°22	0°36	11°38	1° 4	2°22	4° 4	21°58	n.a.	S 19
M20	5 27 56	22°49'16	28°43	10° 8	24°40	7°44	20°59	15°18	0°39	11°40	1° 4	2°24	4° 0	22° 4	n.a.	M20
T 21	5 31 52	23°50'21	11♓38	10°24	25°56	8°26	21° 8	15°13	0°43	11°41	1° 4	2°25	3°57	22°11	n.a.	T 21
W22	5 35 49	24°51'25	24°11	10°R29	27°11	9° 8	21°17	15° 9	0°46	11°43	1°D 4	2°R26	3°54	22°18	n.a.	W22
T 23	5 39 45	25°52'28	6♈26	10°23	28°26	9°51	21°26	15° 5	0°49	11°45	1° 4	2°25	3°51	22°25	n.a.	T 23
F 24	5 43 42	26°53'29	18°30	10° 5	29°41	10°33	21°35	15° 0	0°53	11°47	1° 4	2°23	3°48	22°31	n.a.	F 24
S 25	5 47 39	27°54'29	0♉25	9°36	0♑57	11°16	21°44	14°56	0°56	11°48	1° 4	2°19	3°45	22°38	n.a.	S 25
S 26	5 51 35	28°55'28	12°17	8°56	2°12	11°58	21°53	14°51	0°59	11°50	1° 4	2°14	3°41	22°45	n.a.	S 26
M27	5 55 32	29°56'25	24° 8	8° 6	3°27	12°41	22° 1	14°47	1° 3	11°52	1° 4	2° 8	3°38	22°51	n.a.	M27
T 28	5 59 28	0♑57'21	6♊ 2	7° 8	4°42	13°23	22°10	14°42	1° 6	11°54	1° 4	2° 2	3°35	22°58	n.a.	T 28
W29	6 3 25	1°58'16	18° 0	6° 3	5°57	14° 6	22°18	14°37	1° 9	11°56	1° 4	1°56	3°32	23° 5	n.a.	W29
T 30	6 7 21	2°59'09	0♋ 5	4°53	7°13	14°48	22°26	14°33	1°13	11°57	1° 4	1°52	3°29	23°12	n.a.	T 30
F 31	6 11 18	4♑ 0'01	12♋17	3♑41	8♑28	15♏31	22♎34	14♋28	1♐16	11♒59	1♈ 5	1♒48	3♒25	23♉18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s 8	26n12	4n 6	25s10	2s 8	20s42	0s 6	9s 0	0n38	5s59	1n10	23n18	0n34	20s19	0n 1	18s36	0s59	14s48	16s43	19s39	19s17	22n45		n.a.
T 2	21 20	26 52	3 24	25 19	2 7	20 59	0 8	9 16	0 37	6 3	1 10	23 19	0 34	20 19	0 1	18 35	0 59	14 48	16 42	19 42	19 17	22 47		n.a.
F 3	21 31	26 16	2 32	25 26	2 5	21 17	0 10	9 32	0 37	6 7	1 10	23 19	0 34	20 20	0 1	18 35	0 59	14 48	16 42	19 43	19 18	22 48		n.a.
S 4	21 42	24 25	1 33	25 31	2 3	21 33	0 13	9 48	0 36	6 11	1 10	23 20	0 34	20 21	0 1	18 35	0 59	14 48	16 42	19 44	19 19	22 50		n.a.
S 5	21 52	21 24	0 29	25 34	2 0	21 49	0 15	10 4	0 36	6 15	1 10	23 20	0 34	20 22	0 1	18 34	0 59	14 48	16 41	19 45	19 20	22 52		n.a.
M 6	22 2	17 21	0s38	25 35	1 56	22 5	0 17	10 19	0 35	6 19	1 10	23 21	0 35	20 23	0 1	18 34	0 59	14 47	16 41	19 45	19 20	22 53		n.a.
T 7	22 12	12 27	1 44	25 34	1 52	22 20	0 20	10 35	0 35	6 23	1 10	23 21	0 35	20 23	0 1	18 34	0 59	14 47	16 41	19 45	19 21	22 55		n.a.
W 8	22 21	6 53	2 47	25 32	1 47	22 34	0 22	10 51	0 34	6 27	1 10	23 22	0 35	20 24	0 1	18 33	0 59	14 47	16 40	19 44	19 22	22 56		n.a.
T 9	22 29	0 52	3 43	25 27	1 41	22 47	0 24	11 6	0 34	6 31	1 11	23 22	0 35	20 25	0 1	18 33	0 59	14 47	16 40	19 44	19 23	22 58		n.a.
F 10	22 37	5s22	4 27	25 21	1 34	23 0	0 27	11 22	0 33	6 35	1 11	23 23	0 35	20 26	0 1	18 32	0 59	14 47	16 40	19 45	19 24	23 0		n.a.
S 11	22 45	11 31	4 56	25 12	1 27	23 12	0 29	11 37	0 32	6 39	1 11	23 24	0 35	20 26	0 1	18 32	0 59	14 46	16 39	19 46	19 24	23 1		n.a.
S 12	22 53	17 12	5 7	25 2	1 18	23 23	0 31	11 52	0 32	6 43	1 11	23 24	0 35	20 27	0 1	18 32	0 59	14 46	16 39	19 47	19 25	23 3		n.a.
M13	22 59	21 57	4 58	24 50	1 8	23 34	0 33	12 7	0 31	6 46	1 11	23 25	0 36	20 28	0 1	18 31	0 59	14 46	16 39	19 49	19 26	23 4		n.a.
T 14	23 6	25 18	4 27	24 37	0 58	23 44	0 35	12 23	0 31	6 50	1 11	23 25	0 36	20 29	0 1	18 31	0 59	14 46	16 38	19 51	19 27	23 6		n.a.
W15	23 12	26 48	3 38	24 22	0 46	23 53	0 38	12 38	0 30	6 54	1 11	23 26	0 36	20 29	0 1	18 30	0 59	14 45	16 38	19 52	19 27	23 8		n.a.
T 16	23 17	26 18	2 34	24 6	0 33	24 1	0 40	12 53	0 29	6 57	1 11	23 27	0 36	20 30	0 1	18 30	0 59	14 45	16 38	19 53	19 28	23 9		n.a.
F 17	23 22	23 58	1 21	23 49	0 19	24 9	0 42	13 7	0 29	7 1	1 11	23 27	0 36	20 31	0 1	18 29	0 59	14 45	16 37	19 54	19 29	23 11		n.a.
S 18	23 27	20 9	0 4	23 31	0 4	24 16	0 44	13 22	0 28	7 5	1 12	23 28	0 36	20 32	0 1	18 29	0 59	14 45	16 37	19 54	19 30	23 12		n.a.
S 19	23 31	15 20	1n10	23 13	0n12	24 22	0 46	13 37	0 27	7 8	1 12	23 28	0 36	20 32	0 1	18 28	0 59	14 44	16 36	19 54	19 30	23 14		n.a.
M20	23 34	9 56	2 18	22 54	0 29	24 28	0 48	13 51	0 27	7 11	1 12	23 29	0 36	20 33	0 1	18 28	0 59	14 44	16 36	19 54	19 31	23 15		n.a.
T 21	23 37	4 16	3 17	22 35	0 47	24 32	0 50	14 6	0 26	7 15	1 12	23 30	0 37	20 34	0 1	18 28	0 59	14 44	16 36	19 54	19 32	23 17		n.a.
W22	23 40	1n23	4 5	22 16	1 5	24 36	0 52	14 20	0 26	7 18	1 12	23 30	0 37	20 35	0 1	18 27	0 59	14 43	16 35	19 53	19 33	23 18		n.a.
T 23	23 42	6 52	4 40	21 58	1 23	24 39	0 54	14 34	0 25	7 21	1 12	23 31	0 37	20 35	0 1	18 27	0 59	14 43	16 35	19 54	19 33	23 20		n.a.
F 24	23 44	11 59	5 2	21 41	1 42	24 42	0 55	14 49	0 24	7 25	1 12	23 32	0 37	20 36	0 1	18 26	0 59	14 43	16 35	19 54	19 34	23 21		n.a.
S 25	23 45	16 37	5 11	21 25	2 1	24 43	0 57	15 3	0 24	7 28	1 13	23 32	0 37	20 37	0 1	18 26	0 59	14 42	16 34	19 55	19 35	23 23		n.a.
S 26	23 46	20 35	5 6	21 10	2 19	24 44	0 59	15 17	0 23	7 31	1 13	23 33	0 37	20 37	0 1	18 25	0 59	14 42	16 34	19 56	19 36	23 25		n.a.
M27	23 46	23 43	4 49	20 56	2 36	24 44	1 1	15 30	0 22	7 34	1 13	23 33	0 37	20 38	0 1	18 25	0 59	14 42	16 34	19 58	19 37	23 26		n.a.
T 28	23 46	25 51	4 19	20 44	2 51	24 44	1 2	15 44	0 21	7 37	1 13	23 34	0 38	20 39	0 1	18 24	0 59	14 41	16 33	19 59	19 37	23 27		n.a.
W29	23 45	26 49	3 37	20 33	3 5	24 42	1 4	15 58	0 21	7 40	1 13	23 35	0 38	20 40	0 1	18 23	0 59	14 41	16 33	20 0	19 38	23 29		n.a.
T 30	23 44	26 31	2 45	20 24	3 17	24 40	1 6	16 11	0 20	7 43	1 13	23 35	0 38	20 40	0 1	18 23	0 59	14 40	16 32	20 1	19 39	23 30		n.a.
F 31	23s43	24n56	1n45	20s16	3n27	24s37	1s 7	16s24	0n19	7s46	1n13	23n36	0n38	20s41	0n 1	18s22	0s59	14s40	16s32	20s 2	19s40	23n32		n.a.

Julian Day Number = 1496398.5, Delta T = 05h10m28s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'56, Lahiri = -12°27'55 Julian Calendar 1 Dec. 617 BCE == Greg. Calendar 24 Nov. 617 BCE

The year -616 astronomical counting style corresponds to year 617 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

JANUARY 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 15 15	5♉ 0'52	24♋38	2°R27	9♉43	16♏14	22♎42	14°R23	1♐19	12♒ 1	1♈ 5	1°R47	3♒22	23♉25	n.a.	S 1
S 2	6 19 11	6° 1'42	7♌10	1♉15	10°58	16°56	22°50	14♋18	1°22	12° 3	1° 5	1°D47	3°19	23°32	n.a.	S 2
M 3	6 23 8	7° 2'30	19°54	0° 6	12°13	17°39	22°57	14°14	1°25	12° 5	1° 5	1♒48	3°16	23°38	n.a.	M 3
T 4	6 27 4	8° 3'17	2♍51	29♐ 2	13°28	18°22	23° 5	14° 9	1°28	12° 7	1° 6	1°49	3°13	23°45	n.a.	T 4
W 5	6 31 1	9° 4'03	16° 3	28° 4	14°43	19° 4	23°12	14° 4	1°31	12° 9	1° 6	1°51	3°10	23°52	n.a.	W 5
T 6	6 34 57	10° 4'47	29°31	27°13	15°58	19°47	23°19	13°59	1°34	12°11	1° 6	1°52	3° 6	23°59	n.a.	T 6
F 7	6 38 54	11° 5'31	13♎18	26°29	17°14	20°30	23°26	13°54	1°37	12°13	1° 7	1°R52	3° 3	24° 5	n.a.	F 7
S 8	6 42 50	12° 6'13	27°24	25°54	18°29	21°13	23°33	13°49	1°40	12°15	1° 7	1°52	3° 0	24°12	n.a.	S 8
S 9	6 46 47	13° 6'54	11♏46	25°26	19°44	21°56	23°40	13°44	1°43	12°17	1° 7	1°50	2°57	24°19	n.a.	S 9
M10	6 50 44	14° 7'34	26°23	25° 7	20°59	22°38	23°47	13°40	1°46	12°19	1° 8	1°48	2°54	24°25	n.a.	M10
T 11	6 54 40	15° 8'12	11♐ 8	24°55	22°14	23°21	23°53	13°35	1°49	12°21	1° 8	1°46	2°51	24°32	n.a.	T 11
W12	6 58 37	16° 8'49	25°56	24°D51	23°29	24° 4	23°59	13°30	1°52	12°23	1° 9	1°44	2°47	24°39	n.a.	W12
T 13	7 2 33	17° 9'25	10♉39	24°54	24°44	24°47	24° 6	13°25	1°55	12°25	1° 9	1°42	2°44	24°46	n.a.	T 13
F 14	7 6 30	18° 9'58	25° 9	25° 4	25°59	25°30	24°12	13°20	1°58	12°27	1°10	1°D42	2°41	24°52	n.a.	F 14
S 15	7 10 26	19°10'30	9♒20	25°20	27°14	26°13	24°17	13°15	2° 0	12°29	1°10	1°42	2°38	24°59	n.a.	S 15
S 16	7 14 23	20°11'00	23° 9	25°41	28°29	26°56	24°23	13°11	2° 3	12°32	1°11	1°42	2°35	25° 6	n.a.	S 16
M17	7 18 19	21°11'28	6♓34	26° 8	29°43	27°39	24°29	13° 6	2° 6	12°34	1°11	1°43	2°31	25°12	n.a.	M17
T 18	7 22 16	22°11'54	19°35	26°40	0♒58	28°22	24°34	13° 1	2° 8	12°36	1°12	1°44	2°28	25°19	n.a.	T 18
W19	7 26 13	23°12'18	2♈14	27°17	2°13	29° 5	24°39	12°56	2°11	12°38	1°12	1°45	2°25	25°26	n.a.	W19
T 20	7 30 9	24°12'40	14°35	27°58	3°28	29°48	24°44	12°51	2°14	12°40	1°13	1°45	2°22	25°33	n.a.	T 20
F 21	7 34 6	25°13'00	26°42	28°43	4°43	0♐31	24°49	12°47	2°16	12°42	1°14	1°R46	2°19	25°39	n.a.	F 21
S 22	7 38 2	26°13'18	8♉39	29°31	5°58	1°15	24°54	12°42	2°19	12°45	1°14	1°45	2°16	25°46	n.a.	S 22
S 23	7 41 59	27°13'33	20°31	0♉23	7°13	1°58	24°58	12°37	2°21	12°47	1°15	1°45	2°12	25°53	n.a.	S 23
M24	7 45 55	28°13'47	2♊22	1°18	8°27	2°41	25° 3	12°33	2°23	12°49	1°16	1°44	2° 9	25°59	n.a.	M24
T 25	7 49 52	29°13'58	14°18	2°16	9°42	3°24	25° 7	12°28	2°26	12°51	1°16	1°44	2° 6	26° 6	n.a.	T 25
W26	7 53 48	0♒14'08	26°20	3°17	10°57	4° 7	25°11	12°24	2°28	12°53	1°17	1°44	2° 3	26°13	n.a.	W26
T 27	7 57 45	1°14'15	8♋32	4°20	12°11	4°50	25°15	12°19	2°30	12°56	1°18	1°D44	2° 0	26°20	n.a.	T 27
F 28	8 1 42	2°14'20	20°57	5°26	13°26	5°34	25°19	12°15	2°33	12°58	1°19	1°44	1°57	26°26	n.a.	F 28
S 29	8 5 38	3°14'23	3♌35	6°34	14°41	6°17	25°22	12°11	2°35	13° 0	1°19	1°R44	1°53	26°33	n.a.	S 29
S 30	8 9 35	4°14'24	16°27	7°43	15°55	7° 0	25°25	12° 6	2°37	13° 2	1°20	1°44	1°50	26°40	n.a.	S 30
M31	8 13 31	5♒14'23	29♌33	8♉55	17♒10	7♐44	25♎29	12♋ 2	2♐39	13♒ 5	1♈21	1♒43	1♒47	26♉46	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s40	22n 8	0n39	20s10	3n35	24s33	1s 9	16s37	0n19	7s49	1n13	23n37	0n38	20s42	0n 1	18s22	0s59	14s40	16s32	20s 2	19s40	23n33		n.a.
S 2	23 38	18 15	0s30	20 6	3 40	24 29	1 10	16 50	0 18	7 52	1 14	23 37	0 38	20 42	0 1	18 21	0 59	14 39	16 31	20 2	19 41	23 35		n.a.
M 3	23 35	13 30	1 38	20 4	3 42	24 23	1 11	17 3	0 17	7 54	1 14	23 38	0 38	20 43	0 1	18 21	0 59	14 39	16 31	20 2	19 42	23 36		n.a.
T 4	23 31	8 5	2 43	20 3	3 43	24 17	1 13	17 16	0 16	7 57	1 14	23 39	0 38	20 43	0 1	18 20	0 59	14 38	16 31	20 2	19 43	23 38		n.a.
W 5	23 27	2 12	3 40	20 4	3 41	24 10	1 14	17 29	0 16	8 0	1 14	23 39	0 38	20 44	0 1	18 20	0 59	14 38	16 30	20 1	19 43	23 39		n.a.
T 6	23 23	3s52	4 27	20 7	3 38	24 3	1 15	17 41	0 15	8 2	1 14	23 40	0 39	20 45	0 1	18 19	0 59	14 37	16 30	20 1	19 44	23 41		n.a.
F 7	23 18	9 54	4 59	20 11	3 32	23 54	1 17	17 54	0 14	8 5	1 14	23 40	0 39	20 45	0 1	18 18	0 59	14 37	16 30	20 1	19 45	23 42		n.a.
S 8	23 13	15 34	5 14	20 17	3 25	23 45	1 18	18 6	0 13	8 7	1 15	23 41	0 39	20 46	0 1	18 18	0 59	14 36	16 29	20 1	19 45	23 43		n.a.
S 9	23 7	20 29	5 11	20 24	3 17	23 36	1 19	18 18	0 13	8 9	1 15	23 42	0 39	20 47	0 1	18 17	0 59	14 36	16 29	20 2	19 46	23 45		n.a.
M10	23 1	24 15	4 47	20 32	3 9	23 25	1 20	18 30	0 12	8 12	1 15	23 42	0 39	20 47	0 1	18 17	0 59	14 36	16 29	20 2	19 47	23 46		n.a.
T 11	22 54	26 27	4 4	20 42	2 59	23 14	1 21	18 42	0 11	8 14	1 15	23 43	0 39	20 48	0 1	18 16	0 59	14 35	16 28	20 3	19 48	23 48		n.a.
W12	22 47	26 47	3 5	20 52	2 48	23 2	1 22	18 53	0 10	8 16	1 15	23 44	0 39	20 48	0 1	18 16	0 59	14 35	16 28	20 3	19 48	23 49		n.a.
T 13	22 39	25 14	1 54	21 3	2 38	22 50	1 22	19 5	0 9	8 18	1 15	23 44	0 39	20 49	0 1	18 15	0 59	14 34	16 28	20 3	19 49	23 50		n.a.
F 14	22 31	22 0	0 36	21 14	2 26	22 36	1 23	19 16	0 9	8 20	1 16	23 45	0 39	20 50	0 1	18 14	0 59	14 34	16 27	20 3	19 50	23 52		n.a.
S 15	22 23	17 29	0n42	21 26	2 15	22 22	1 24	19 27	0 8	8 22	1 16	23 45	0 39	20 50	0 1	18 14	0 59	14 33	16 27	20 3	19 51	23 53		n.a.
S 16	22 14	12 10	1 56	21 39	2 3	22 8	1 24	19 38	0 7	8 24	1 16	23 46	0 40	20 51	0 1	18 13	0 59	14 32	16 26	20 3	19 51	23 55		n.a.
M17	22 4	6 25	3 1	21 51	1 52	21 52	1 25	19 49	0 6	8 26	1 16	23 46	0 40	20 51	0 1	18 12	0 59	14 32	16 26	20 3	19 52	23 56		n.a.
T 18	21 55	0 35	3 55	22 4	1 40	21 37	1 26	19 59	0 5	8 28	1 16	23 47	0 40	20 52	0 1	18 12	0 59	14 31	16 26	20 3	19 53	23 57		n.a.
W19	21 45	5n 7	4 36	22 16	1 29	21 20	1 26	20 10	0 4	8 30	1 16	23 48	0 40	20 52	0 1	18 11	0 59	14 31	16 25	20 3	19 54	23 59		n.a.
T 20	21 34	10 28	5 3	22 28	1 17	21 3	1 26	20 20	0 4	8 32	1 17	23 48	0 40	20 53	0 1	18 11	0 59	14 30	16 25	20 3	19 54	24 0		n.a.
F 21	21 23	15 19	5 16	22 40	1 6	20 45	1 27	20 30	0 3	8 33	1 17	23 49	0 40	20 53	0 1	18 10	0 59	14 30	16 25	20 3	19 55	24 1		n.a.
S 22	21 12	19 32	5 15	22 51	0 55	20 27	1 27	20 40	0 2	8 35	1 17	23 49	0 40	20 54	0 1	18 9	0 59	14 29	16 24	20 3	19 56	24 3		n.a.
S 23	21 0	22 56	5 0	23 2	0 44	20 8	1 27	20 49	0 1	8 36	1 17	23 50	0 40	20 54	0 1	18 9	0 59	14 29	16 24	20 3	19 56	24 4		n.a.
M24	20 48	25 23	4 33	23 12	0 33	19 48	1 27	20 59	0 0	8 38	1 17	23 50	0 40	20 55	0 1	18 8	0 59	14 28	16 24	20 3	19 57	24 5		n.a.
T 25	20 36	26 42	3 54	23 22	0 23	19 28	1 27	21 8	0s 1	8 39	1 17	23 51	0 40	20 55	0 1	18 7	0 59	14 28	16 24	20 3	19 58	24 7		n.a.
W26	20 23	26 47	3 4	23 31	0 13	19 8	1 28	21 17	0 2	8 40	1 18	23 51	0 40	20 56	0 1	18 7	0 59	14 27	16 23	20 3	19 59	24 8		n.a.
T 27	20 10	25 34	2 5	23 39	0 3	18 46	1 27	21 26	0 3	8 42	1 18	23 52	0 41	20 56	0 1	18 6	0 59	14 26	16 23	20 3	19 59	24 9		n.a.
F 28	19 56	23 6	0 59	23 46	0s 6	18 25	1 27	21 35	0 4	8 43	1 18	23 52	0 41	20 57	0 1	18 6	0 59	14 26	16 23	20 3	20 0	24 10		n.a.
S 29	19 42	19 27	0s10	23 52	0 16	18 3	1 27	21 44	0 4	8 44	1 18	23 53	0 41	20 57	0 1	18 5	0 59	14 25	16 22	20 3	20 1	24 12		n.a.
S 30	19 28	14 51	1 21	23 57	0 25	17 40	1 27	21 52	0 5	8 45	1 18	23 53	0 41	20 58	0 1	18 4	0 59	14 25	16 22	20 3	20 2	24 13		n.a.
M31	19s13	9n28	2s28	24s 1	0s33	17s17	1s27	22s 0	0s 6	8s46	1n18	23n54	0n41	20s58	0n 1	18s 4	0s59	14s24	16s22	20s 3	20s 2	24n14		n.a.

Julian Day Number = 1496429.5, Delta T = 05h10m27s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'51, Lahiri = -12°27'51 Julian Calendar 1 Jan. 616 BCE == Greg. Calendar 25 Dec. 617 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

FEBRUARY 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 17 28	6♒14'20	12♍53	10♑ 9	18♒25	8♐27	25♎32	11°R58	2♐41	13♒ 7	1♈22	1°R43	1♒44	26♉53	n.a.	T 1
W 2	8 21 24	7°14'15	26°26	11°25	19°39	9°10	25°34	11♋54	2°43	13° 9	1°23	1♒42	1°41	27° 0	n.a.	W 2
T 3	8 25 21	8°14'08	10♎11	12°42	20°54	9°54	25°37	11°49	2°45	13°11	1°24	1°42	1°37	27° 7	n.a.	T 3
F 4	8 29 17	9°13'59	24° 6	14° 1	22° 8	10°37	25°39	11°45	2°47	13°14	1°25	1°41	1°34	27°13	n.a.	F 4
S 5	8 33 14	10°13'49	8♏10	15°21	23°23	11°20	25°42	11°41	2°49	13°16	1°25	1°D41	1°31	27°20	n.a.	S 5
S 6	8 37 11	11°13'37	22°22	16°43	24°37	12° 4	25°44	11°37	2°51	13°18	1°26	1°41	1°28	27°27	n.a.	S 6
M 7	8 41 7	12°13'24	6♐39	18° 7	25°52	12°47	25°46	11°34	2°53	13°20	1°27	1°42	1°25	27°33	n.a.	M 7
T 8	8 45 4	13°13'08	20°59	19°32	27° 6	13°31	25°47	11°30	2°55	13°23	1°28	1°42	1°22	27°40	n.a.	T 8
W 9	8 49 0	14°12'51	5♑17	20°58	28°21	14°14	25°49	11°26	2°56	13°25	1°29	1°43	1°18	27°47	n.a.	W 9
T 10	8 52 57	15°12'32	19°31	22°26	29°35	14°58	25°50	11°23	2°58	13°27	1°30	1°44	1°15	27°53	n.a.	T 10
F 11	8 56 53	16°12'10	3♒37	23°55	0♓49	15°41	25°51	11°19	3° 0	13°30	1°31	1°R45	1°12	28° 0	n.a.	F 11
S 12	9 0 50	17°11'47	17°29	25°25	2° 4	16°25	25°52	11°16	3° 1	13°32	1°32	1°44	1° 9	28° 7	n.a.	S 12
S 13	9 4 46	18°11'21	1♓ 5	26°57	3°18	17° 8	25°53	11°12	3° 3	13°34	1°33	1°43	1° 6	28°14	n.a.	S 13
M14	9 8 43	19°10'53	14°23	28°30	4°32	17°52	25°54	11° 9	3° 4	13°36	1°34	1°40	1° 3	28°20	n.a.	M14
T 15	9 12 40	20°10'23	27°22	0♒ 5	5°46	18°35	25°54	11° 6	3° 6	13°39	1°35	1°38	0°59	28°27	n.a.	T 15
W16	9 16 36	21° 9'51	10♈ 2	1°40	7° 1	19°19	25°54	11° 2	3° 7	13°41	1°36	1°35	0°56	28°34	n.a.	W16
T 17	9 20 33	22° 9'16	22°25	3°17	8°15	20° 2	25°R54	10°59	3° 9	13°43	1°38	1°32	0°53	28°40	n.a.	T 17
F 18	9 24 29	23° 8'38	4♉34	4°56	9°29	20°46	25°54	10°56	3°10	13°45	1°39	1°30	0°50	28°47	n.a.	F 18
S 19	9 28 26	24° 7'59	16°32	6°35	10°43	21°29	25°54	10°53	3°11	13°48	1°40	1°29	0°47	28°54	n.a.	S 19
S 20	9 32 22	25° 7'17	28°25	8°16	11°57	22°13	25°53	10°51	3°12	13°50	1°41	1°D29	0°43	29° 1	n.a.	S 20
M21	9 36 19	26° 6'32	10♊17	9°58	13°11	22°56	25°53	10°48	3°13	13°52	1°42	1°29	0°40	29° 7	n.a.	M21
T 22	9 40 15	27° 5'46	22°13	11°42	14°25	23°40	25°52	10°45	3°15	13°54	1°43	1°31	0°37	29°14	n.a.	T 22
W23	9 44 12	28° 4'56	4♋17	13°27	15°39	24°24	25°51	10°43	3°16	13°57	1°44	1°33	0°34	29°21	n.a.	W23
T 24	9 48 8	29° 4'05	16°34	15°13	16°53	25° 7	25°49	10°40	3°17	13°59	1°46	1°34	0°31	29°27	n.a.	T 24
F 25	9 52 5	0♓ 3'11	29° 7	17° 1	18° 7	25°51	25°48	10°38	3°18	14° 1	1°47	1°R35	0°28	29°34	n.a.	F 25
S 26	9 56 2	1° 2'14	11♌59	18°50	19°21	26°34	25°46	10°36	3°18	14° 3	1°48	1°34	0°24	29°41	n.a.	S 26
S 27	9 59 58	2° 1'16	25°10	20°40	20°35	27°18	25°44	10°34	3°19	14° 5	1°49	1°33	0°21	29°48	n.a.	S 27
M28	10 3 55	3♓ 0'15	8♍40	22♒32	21♓49	28♐ 2	25♎42	10♋32	3♐20	14♒ 8	1♈50	1♒29	0♒18	29♉54	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18s58	3n36	3s29	24s 4	0s42	16s53	1s26	22s 8	0s 7	8s47	1n19	23n54	0n41	20s58	0n 1	18s 3	0s59	14s23	16s21	20s 3	20s 3	24n15		n.a.	T 1
W 2	18 43	2s31	4 19	24 6	0 50	16 29	1 26	22 16	0 8	8 48	1 19	23 55	0 41	20 59	0 1	18 2	0 59	14 23	16 21	20 3	20 4	24 17		n.a.	W 2
T 3	18 27	8 35	4 55	24 6	0 57	16 4	1 25	22 24	0 9	8 49	1 19	23 55	0 41	20 59	0 1	18 2	0 59	14 22	16 21	20 3	20 4	24 18		n.a.	T 3
F 4	18 12	14 19	5 14	24 6	1 5	15 39	1 25	22 31	0 10	8 49	1 19	23 56	0 41	21 0	0 1	18 1	0 59	14 22	16 21	20 4	20 5	24 19		n.a.	F 4
S 5	17 55	19 22	5 15	24 3	1 12	15 14	1 24	22 38	0 11	8 50	1 19	23 56	0 41	21 0	0 1	18 0	0 59	14 21	16 20	20 4	20 6	24 20		n.a.	S 5
S 6	17 39	23 23	4 56	24 0	1 18	14 48	1 23	22 45	0 12	8 51	1 20	23 56	0 41	21 0	0 1	18 0	0 59	14 20	16 20	20 4	20 7	24 22		n.a.	S 6
M 7	17 22	25 59	4 20	23 55	1 24	14 22	1 23	22 52	0 13	8 51	1 20	23 57	0 41	21 1	0 1	17 59	0 59	14 20	16 20	20 3	20 7	24 23		n.a.	M 7
T 8	17 5	26 54	3 27	23 49	1 30	13 55	1 22	22 58	0 14	8 52	1 20	23 57	0 41	21 1	0 1	17 58	0 59	14 19	16 19	20 3	20 8	24 24		n.a.	T 8
W 9	16 48	26 1	2 21	23 41	1 36	13 28	1 21	23 4	0 15	8 52	1 20	23 58	0 41	21 2	0 1	17 58	0 59	14 18	16 19	20 3	20 9	24 25		n.a.	W 9
T 10	16 30	23 26	1 7	23 32	1 41	13 1	1 20	23 11	0 16	8 52	1 20	23 58	0 42	21 2	0 1	17 57	0 59	14 18	16 19	20 3	20 9	24 26		n.a.	T 10
F 11	16 12	19 27	0n10	23 21	1 46	12 34	1 19	23 16	0 17	8 53	1 20	23 58	0 42	21 2	0 1	17 56	0 59	14 17	16 19	20 3	20 10	24 28		n.a.	F 11
S 12	15 54	14 27	1 26	23 9	1 50	12 6	1 18	23 22	0 18	8 53	1 21	23 59	0 42	21 3	0 1	17 56	0 59	14 16	16 18	20 3	20 11	24 29		n.a.	S 12
S 13	15 35	8 49	2 35	22 55	1 54	11 37	1 17	23 27	0 19	8 53	1 21	23 59	0 42	21 3	0 1	17 55	0 59	14 16	16 18	20 3	20 12	24 30		n.a.	S 13
M14	15 17	2 56	3 34	22 40	1 58	11 9	1 15	23 33	0 20	8 53	1 21	23 59	0 42	21 3	0 1	17 54	0 59	14 15	16 18	20 4	20 12	24 31		n.a.	M14
T 15	14 58	2n55	4 21	22 23	2 1	10 40	1 14	23 38	0 21	8 53	1 21	24 0	0 42	21 3	0 1	17 54	0 59	14 15	16 18	20 4	20 13	24 32		n.a.	T 15
W16	14 38	8 30	4 53	22 4	2 4	10 11	1 13	23 42	0 22	8 53	1 21	24 0	0 42	21 4	0 1	17 53	0 59	14 14	16 17	20 5	20 14	24 33		n.a.	W16
T 17	14 19	13 38	5 11	21 44	2 6	9 42	1 11	23 47	0 23	8 53	1 21	24 0	0 42	21 4	0 1	17 53	0 59	14 13	16 17	20 6	20 14	24 35		n.a.	T 17
F 18	13 59	18 8	5 14	21 22	2 8	9 12	1 10	23 51	0 24	8 53	1 22	24 1	0 42	21 4	0 1	17 52	0 59	14 13	16 17	20 6	20 15	24 36		n.a.	F 18
S 19	13 40	21 51	5 4	20 58	2 9	8 42	1 9	23 55	0 25	8 52	1 22	24 1	0 42	21 4	0 1	17 51	0 59	14 12	16 17	20 6	20 16	24 37		n.a.	S 19
S 20	13 20	24 38	4 41	20 33	2 10	8 12	1 7	23 59	0 27	8 52	1 22	24 1	0 42	21 5	0 1	17 51	0 59	14 11	16 17	20 6	20 16	24 38		n.a.	S 20
M21	12 59	26 21	4 6	20 5	2 11	7 42	1 5	24 2	0 28	8 52	1 22	24 1	0 42	21 5	0 1	17 50	0 59	14 11	16 16	20 6	20 17	24 39		n.a.	M21
T 22	12 39	26 52	3 20	19 37	2 11	7 11	1 4	24 6	0 29	8 51	1 22	24 2	0 42	21 5	0 1	17 49	0 59	14 10	16 16	20 6	20 18	24 40		n.a.	T 22
W23	12 18	26 6	2 24	19 6	2 11	6 41	1 2	24 9	0 30	8 50	1 22	24 2	0 42	21 5	0 1	17 49	0 59	14 9	16 16	20 6	20 19	24 41		n.a.	W23
T 24	11 57	24 4	1 21	18 33	2 10	6 10	1 0	24 12	0 31	8 50	1 23	24 2	0 42	21 6	0 1	17 48	0 59	14 9	16 16	20 5	20 19	24 42		n.a.	T 24
F 25	11 36	20 50	0 13	17 59	2 8	5 39	0 58	24 14	0 32	8 49	1 23	24 2	0 42	21 6	0 1	17 47	0 59	14 8	16 15	20 5	20 20	24 43		n.a.	F 25
S 26	11 15	16 32	0s57	17 23	2 6	5 8	0 56	24 17	0 33	8 48	1 23	24 3	0 42	21 6	0 1	17 47	0 59	14 7	16 15	20 5	20 21	24 45		n.a.	S 26
S 27	10 54	11 21	2 6	16 45	2 4	4 37	0 55	24 19	0 34	8 48	1 23	24 3	0 42	21 6	0 0	17 46	0 59	14 7	16 15	20 6	20 21	24 46		n.a.	S 27
M28	10s33	5n31	3s 9	16s 6	2s 1	4s 6	0s53	24s21	0s35	8s47	1n23	24n 3	0n42	21s 6	0n 0	17s46	0s59	14s 6	16s15	20s 6	20s22	24n47		n.a.	M28

Julian Day Number = 1496460.5, Delta T = 05h10m25s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'47, Lahiri = -12°27'47 Julian Calendar 1 Feb. 616 BCE == Greg. Calendar 25 Jan. 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

MARCH 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 7 51	3♓59'12	22♍28	24♒25	23♓ 3	28♐45	25°R40	10°R30	3♐21	14♒10	1♈52	1°R25	0♒15	0♊ 1	n.a.	T 1
W 2	10 11 48	4°58'07	6♎28	26°20	24°17	29°29	25♎38	10♋28	3°21	14°12	1°53	1♒20	0°12	0° 8	n.a.	W 2
T 3	10 15 44	5°57'00	20°39	28°16	25°30	0♑13	25°35	10°26	3°22	14°14	1°54	1°14	0° 8	0°14	n.a.	T 3
F 4	10 19 41	6°55'51	4♏54	0♓14	26°44	0°56	25°32	10°25	3°23	14°16	1°55	1°10	0° 5	0°21	n.a.	F 4
S 5	10 23 37	7°54'40	19°11	2°12	27°58	1°40	25°29	10°23	3°23	14°18	1°57	1° 7	0° 2	0°28	n.a.	S 5
S 6	10 27 34	8°53'28	3♐25	4°12	29°11	2°24	25°26	10°22	3°24	14°20	1°58	1°D 6	29♑59	0°34	n.a.	S 6
M 7	10 31 31	9°52'14	17°35	6°14	0♈25	3° 7	25°23	10°20	3°24	14°23	1°59	1° 6	29°56	0°41	n.a.	M 7
T 8	10 35 27	10°50'58	1♑38	8°16	1°39	3°51	25°20	10°19	3°25	14°25	2° 0	1° 7	29°53	0°48	n.a.	T 8
W 9	10 39 24	11°49'40	15°34	10°20	2°52	4°34	25°16	10°18	3°25	14°27	2° 2	1° 8	29°49	0°55	n.a.	W 9
T 10	10 43 20	12°48'21	29°21	12°24	4° 6	5°18	25°12	10°17	3°25	14°29	2° 3	1°R 9	29°46	1° 1	n.a.	T 10
F 11	10 47 17	13°46'59	12♒59	14°30	5°19	6° 2	25° 8	10°16	3°25	14°31	2° 4	1° 8	29°43	1° 8	n.a.	F 11
S 12	10 51 13	14°45'36	26°26	16°36	6°33	6°45	25° 4	10°15	3°26	14°33	2° 6	1° 6	29°40	1°15	n.a.	S 12
S 13	10 55 10	15°44'10	9♓41	18°42	7°46	7°29	25° 0	10°15	3°26	14°35	2° 7	1° 1	29°37	1°21	n.a.	S 13
M14	10 59 6	16°42'43	22°42	20°49	8°59	8°13	24°55	10°14	3°26	14°37	2° 8	0°54	29°34	1°28	n.a.	M14
T 15	11 3 3	17°41'13	5♈29	22°56	10°13	8°56	24°51	10°13	3°R26	14°39	2°10	0°46	29°30	1°35	n.a.	T 15
W16	11 6 59	18°39'42	18° 2	25° 2	11°26	9°40	24°46	10°13	3°26	14°41	2°11	0°38	29°27	1°41	n.a.	W16
T 17	11 10 56	19°38'08	0♉21	27° 8	12°39	10°23	24°41	10°13	3°26	14°43	2°12	0°29	29°24	1°48	n.a.	T 17
F 18	11 14 53	20°36'32	12°28	29°14	13°53	11° 7	24°36	10°13	3°26	14°45	2°14	0°22	29°21	1°55	n.a.	F 18
S 19	11 18 49	21°34'54	24°26	1♈18	15° 6	11°51	24°31	10°D13	3°25	14°47	2°15	0°16	29°18	2° 2	n.a.	S 19
S 20	11 22 46	22°33'14	6♊18	3°20	16°19	12°34	24°25	10°13	3°25	14°49	2°16	0°12	29°14	2° 8	n.a.	S 20
M21	11 26 42	23°31'32	18° 9	5°21	17°32	13°18	24°20	10°13	3°25	14°50	2°18	0°11	29°11	2°15	n.a.	M21
T 22	11 30 39	24°29'48	0♋ 3	7°19	18°45	14° 1	24°14	10°13	3°25	14°52	2°19	0°D11	29° 8	2°22	n.a.	T 22
W23	11 34 35	25°28'01	12° 7	9°16	19°58	14°45	24° 9	10°13	3°24	14°54	2°20	0°12	29° 5	2°28	n.a.	W23
T 24	11 38 32	26°26'13	24°25	11° 9	21°11	15°28	24° 3	10°14	3°24	14°56	2°22	0°R12	29° 2	2°35	n.a.	T 24
F 25	11 42 28	27°24'22	7♌ 1	13° 0	22°24	16°12	23°57	10°15	3°23	14°58	2°23	0°12	28°59	2°42	n.a.	F 25
S 26	11 46 25	28°22'29	20° 0	14°47	23°37	16°55	23°51	10°15	3°23	15° 0	2°25	0°11	28°55	2°48	n.a.	S 26
S 27	11 50 22	29°20'34	3♍23	16°31	24°50	17°38	23°44	10°16	3°22	15° 1	2°26	0° 6	28°52	2°55	n.a.	S 27
M28	11 54 18	0♈18'37	17°11	18°12	26° 2	18°22	23°38	10°17	3°21	15° 3	2°27	0° 0	28°49	3° 2	n.a.	M28
T 29	11 58 15	1°16'38	1♎21	19°48	27°15	19° 5	23°32	10°18	3°21	15° 5	2°29	29♑52	28°46	3° 9	n.a.	T 29
W30	12 2 11	2°14'37	15°49	21°21	28°28	19°49	23°25	10°19	3°20	15° 6	2°30	29°42	28°43	3°15	n.a.	W30
T 31	12 6 8	3♈12'35	0♏27	22♈50	29♈41	20♑32	23♎18	10♋20	3♐19	15♒ 8	2♈31	29♑33	28♑39	3♊22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	10s11	0s40	4s 3	15s24	1s57	3s34	0s51	24s23	0s37	8s46	1n23	24n 3	0n42	21s 6	0n 0	17s45	0s59	14s 5	16s15	20s 7	20s23	24n48			n.a.
W 2	9 49	6 55	4 43	14 41	1 53	3 3	0 48	24 24	0 38	8 45	1 24	24 3	0 42	21 7	0 0	17 44	0 59	14 5	16 15	20 8	20 23	24 49			n.a.
T 3	9 27	12 53	5 6	13 56	1 49	2 31	0 46	24 25	0 39	8 44	1 24	24 4	0 42	21 7	0 0	17 44	0 59	14 4	16 14	20 10	20 24	24 50			n.a.
F 4	9 5	18 12	5 10	13 10	1 44	1 59	0 44	24 26	0 40	8 43	1 24	24 4	0 42	21 7	0 0	17 43	0 59	14 4	16 14	20 11	20 25	24 51			n.a.
S 5	8 43	22 30	4 56	12 21	1 38	1 28	0 42	24 27	0 41	8 41	1 24	24 4	0 42	21 7	0 0	17 42	0 59	14 3	16 14	20 11	20 25	24 52			n.a.
S 6	8 21	25 26	4 23	11 31	1 32	0 56	0 40	24 27	0 42	8 40	1 24	24 4	0 43	21 7	0 0	17 42	0 59	14 2	16 14	20 12	20 26	24 53			n.a.
M 7	7 58	26 44	3 35	10 40	1 25	0 24	0 37	24 28	0 44	8 39	1 24	24 4	0 43	21 7	0 0	17 41	0 59	14 2	16 14	20 11	20 27	24 54			n.a.
T 8	7 36	26 19	2 33	9 47	1 18	0n 8	0 35	24 28	0 45	8 37	1 24	24 4	0 43	21 7	0 0	17 41	0 59	14 1	16 14	20 11	20 27	24 55			n.a.
W 9	7 13	24 14	1 24	8 52	1 10	0 39	0 33	24 27	0 46	8 36	1 25	24 4	0 43	21 7	0 0	17 40	0 59	14 0	16 14	20 11	20 28	24 56			n.a.
T 10	6 51	20 44	0 10	7 57	1 1	1 11	0 30	24 27	0 47	8 34	1 25	24 4	0 43	21 7	0 0	17 39	0 59	14 0	16 13	20 11	20 29	24 57			n.a.
F 11	6 28	16 8	1n 4	7 0	0 53	1 43	0 28	24 26	0 48	8 33	1 25	24 5	0 43	21 7	0 0	17 39	0 59	13 59	16 13	20 11	20 29	24 58			n.a.
S 12	6 5	10 48	2 12	6 2	0 43	2 15	0 25	24 25	0 50	8 31	1 25	24 5	0 43	21 7	0 0	17 38	0 59	13 58	16 13	20 11	20 30	24 59			n.a.
S 13	5 42	5 5	3 13	5 3	0 34	2 46	0 23	24 24	0 51	8 29	1 25	24 5	0 43	21 8	0 0	17 38	0 59	13 58	16 13	20 13	20 31	25 0			n.a.
M14	5 19	0n46	4 2	4 3	0 24	3 18	0 20	24 23	0 52	8 28	1 25	24 5	0 43	21 8	0 0	17 37	0 59	13 57	16 13	20 14	20 32	25 1			n.a.
T 15	4 56	6 27	4 38	3 3	0 13	3 50	0 18	24 21	0 53	8 26	1 25	24 5	0 43	21 8	0 0	17 37	0 59	13 57	16 13	20 16	20 32	25 2			n.a.
W16	4 33	11 46	5 0	2 2	0 2	4 21	0 15	24 19	0 54	8 24	1 25	24 5	0 43	21 8	0 0	17 36	0 59	13 56	16 13	20 18	20 33	25 3			n.a.
T 17	4 10	16 32	5 7	1 1	0n 9	4 52	0 13	24 17	0 56	8 22	1 25	24 5	0 43	21 8	0 0	17 36	0 59	13 55	16 13	20 20	20 34	25 4			n.a.
F 18	3 46	20 33	5 0	0 1	0 20	5 24	0 10	24 15	0 57	8 20	1 26	24 5	0 43	21 8	0 0	17 35	1 0	13 55	16 13	20 21	20 34	25 5			n.a.
S 19	3 23	23 40	4 40	1n 0	0 31	5 55	0 7	24 12	0 58	8 18	1 26	24 5	0 43	21 8	0 0	17 34	1 0	13 54	16 12	20 22	20 35	25 6			n.a.
S 20	3 0	25 44	4 9	1 59	0 42	6 26	0 5	24 9	0 59	8 16	1 26	24 5	0 43	21 7	0 0	17 34	1 0	13 53	16 12	20 23	20 36	25 7			n.a.
M21	2 36	26 39	3 26	2 58	0 53	6 57	0 2	24 6	1 1	8 14	1 26	24 5	0 43	21 7	0 0	17 33	1 0	13 53	16 12	20 24	20 36	25 7			n.a.
T 22	2 13	26 21	2 35	3 55	1 4	7 27	0n 1	24 3	1 2	8 12	1 26	24 5	0 43	21 7	0 0	17 33	1 0	13 52	16 12	20 24	20 37	25 8			n.a.
W23	1 50	24 48	1 36	4 52	1 15	7 58	0 4	23 59	1 3	8 10	1 26	24 5	0 43	21 7	0 0	17 32	1 0	13 52	16 12	20 23	20 38	25 9			n.a.
T 24	1 26	22 3	0 31	5 46	1 25	8 28	0 6	23 56	1 5	8 7	1 26	24 5	0 43	21 7	0 0	17 32	1 0	13 51	16 12	20 23	20 38	25 10			n.a.
F 25	1 3	18 11	0s36	6 39	1 35	8 59	0 9	23 52	1 6	8 5	1 26	24 5	0 43	21 7	0 0	17 31	1 0	13 50	16 12	20 23	20 39	25 11			n.a.
S 26	0 39	13 23	1 44	7 30	1 45	9 29	0 12	23 48	1 7	8 3	1 26	24 5	0 43	21 7	0 0	17 31	1 0	13 50	16 12	20 24	20 40	25 12			n.a.
S 27	0 16	7 48	2 48	8 20	1 54	9 58	0 15	23 43	1 8	8 0	1 26	24 5	0 43	21 7	0 0	17 30	1 0	13 49	16 12	20 24	20 40	25 13			n.a.
M28	0n 7	1 42	3 43	9 6	2 2	10 28	0 17	23 39	1 10	7 58	1 26	24 5	0 43	21 7	0 0	17 30	1 0	13 49	16 12	20 26	20 41	25 14			n.a.
T 29	0 31	4s37	4 27	9 51	2 10	10 57	0 20	23 34	1 11	7 56	1 26	24 5	0 43	21 7	0 0	17 29	1 0	13 48	16 12	20 28	20 42	25 15			n.a.
W30	0 54	10 49	4 55	10 33	2 17	11 26	0 23	23 29	1 12	7 53	1 26	24 5	0 43	21 7	0 0	17 29	1 0	13 48	16 12	20 30	20 42	25 15			n.a.
T 31	1n18	16s30	5s 3	11n13	2n24	11n55	0n26	23s23	1s14	7s51	1n26	24n 5	0n43	21s 6	0n 0	17s28	1s 0	13s47	16s12	20s32	20s43	25n16			n.a.

Julian Day Number = 1496488.5, Delta T = 05h10m24s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'43, Lahiri = -12°27'43 Julian Calendar 1 March 616 BCE == Greg. Calendar 22 Feb. 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

APRIL 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 10 4	4♈10'32	15♏ 9	24♈15	0♉53	21♑15	23°R12	10♋22	3°R19	15♒10	2♈33	29°R24	28♑36	3♊29	n.a.	F 1
S 2	12 14 1	5° 8'26	29°46	25°36	2° 6	21°59	23♎ 5	10°23	3♐18	15°11	2°34	29♑18	28°33	3°35	n.a.	S 2
S 3	12 17 57	6° 6'20	14♐14	26°53	3°18	22°42	22°58	10°25	3°17	15°13	2°36	29°14	28°30	3°42	n.a.	S 3
M 4	12 21 54	7° 4'12	28°28	28° 6	4°31	23°25	22°51	10°26	3°16	15°15	2°37	29°12	28°27	3°49	n.a.	M 4
T 5	12 25 50	8° 2'03	12♑28	29°14	5°43	24° 8	22°44	10°28	3°15	15°16	2°38	29°D12	28°24	3°55	n.a.	T 5
W 6	12 29 47	8°59'52	26°12	0♉18	6°56	24°52	22°37	10°30	3°14	15°18	2°40	29°R12	28°20	4° 2	n.a.	W 6
T 7	12 33 44	9°57'41	9♒42	1°17	8° 8	25°35	22°29	10°32	3°13	15°19	2°41	29°12	28°17	4° 9	n.a.	T 7
F 8	12 37 40	10°55'28	22°59	2°12	9°20	26°18	22°22	10°34	3°12	15°21	2°42	29° 9	28°14	4°16	n.a.	F 8
S 9	12 41 37	11°53'13	6♓ 3	3° 2	10°33	27° 1	22°15	10°36	3°10	15°22	2°44	29° 5	28°11	4°22	n.a.	S 9
S 10	12 45 33	12°50'57	18°57	3°48	11°45	27°44	22° 7	10°38	3° 9	15°23	2°45	28°57	28° 8	4°29	n.a.	S 10
M11	12 49 30	13°48'40	1♈39	4°29	12°57	28°27	22° 0	10°40	3° 8	15°25	2°46	28°47	28° 5	4°36	n.a.	M11
T 12	12 53 26	14°46'21	14°11	5° 5	14° 9	29°10	21°52	10°43	3° 7	15°26	2°48	28°35	28° 1	4°42	n.a.	T 12
W13	12 57 23	15°44'01	26°31	5°36	15°21	29°53	21°45	10°45	3° 5	15°28	2°49	28°22	27°58	4°49	n.a.	W13
T 14	13 1 19	16°41'39	8♉42	6° 3	16°33	0♒36	21°37	10°48	3° 4	15°29	2°50	28° 9	27°55	4°56	n.a.	T 14
F 15	13 5 16	17°39'17	20°43	6°25	17°45	1°19	21°30	10°51	3° 2	15°30	2°52	27°57	27°52	5° 2	n.a.	F 15
S 16	13 9 13	18°36'52	2♊38	6°42	18°57	2° 1	21°22	10°54	3° 1	15°31	2°53	27°48	27°49	5° 9	n.a.	S 16
S 17	13 13 9	19°34'26	14°27	6°54	20° 9	2°44	21°14	10°57	2°59	15°33	2°54	27°41	27°45	5°16	n.a.	S 17
M18	13 17 6	20°31'59	26°17	7° 1	21°21	3°27	21° 7	11° 0	2°58	15°34	2°56	27°37	27°42	5°23	n.a.	M18
T 19	13 21 2	21°29'30	8♋10	7°R 3	22°33	4° 9	20°59	11° 3	2°56	15°35	2°57	27°35	27°39	5°29	n.a.	T 19
W20	13 24 59	22°27'00	20°11	7° 1	23°44	4°52	20°51	11° 6	2°55	15°36	2°58	27°34	27°36	5°36	n.a.	W20
T 21	13 28 55	23°24'28	2♌27	6°54	24°56	5°34	20°44	11° 9	2°53	15°37	3° 0	27°34	27°33	5°43	n.a.	T 21
F 22	13 32 52	24°21'54	15° 2	6°43	26° 8	6°17	20°36	11°13	2°51	15°39	3° 1	27°33	27°30	5°49	n.a.	F 22
S 23	13 36 48	25°19'20	28° 1	6°28	27°19	6°59	20°29	11°16	2°50	15°40	3° 2	27°31	27°26	5°56	n.a.	S 23
S 24	13 40 45	26°16'43	11♍27	6° 9	28°31	7°42	20°21	11°20	2°48	15°41	3° 4	27°26	27°23	6° 3	n.a.	S 24
M25	13 44 42	27°14'06	25°22	5°46	29°42	8°24	20°13	11°23	2°46	15°42	3° 5	27°19	27°20	6° 9	n.a.	M25
T 26	13 48 38	28°11'27	9♎45	5°20	0♊53	9° 6	20° 6	11°27	2°44	15°43	3° 6	27°10	27°17	6°16	n.a.	T 26
W27	13 52 35	29° 8'47	24°29	4°52	2° 5	9°48	19°58	11°31	2°42	15°44	3° 7	26°59	27°14	6°23	n.a.	W27
T 28	13 56 31	0♉ 6'06	9♏28	4°22	3°16	10°30	19°51	11°35	2°40	15°44	3° 9	26°48	27°11	6°29	n.a.	T 28
F 29	14 0 28	1° 3'24	24°32	3°50	4°27	11°12	19°44	11°39	2°38	15°45	3°10	26°38	27° 7	6°36	n.a.	F 29
S 30	14 4 24	2♉ 0'42	9♐32	3♉17	5♊38	11♒54	19♎36	11♋43	2♐37	15♒46	3♈11	26♑30	27♑ 4	6♊43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n41	21s15	4s52	11n50	2n29	12n23	0n29	23s18	1s15	7s48	1n26	24n 5	0n43	21s 6	0n 0	17s28	1s 0	13s46	16s12	20s33	20s43	25n17		n.a.
S 2	2 4	24 38	4 22	12 25	2 34	12 51	0 31	23 12	1 16	7 45	1 26	24 4	0 43	21 6	0 0	17 27	1 0	13 46	16 12	20 35	20 44	25 18		n.a.
S 3	2 27	26 23	3 35	12 57	2 38	13 19	0 34	23 6	1 18	7 43	1 26	24 4	0 43	21 6	0 0	17 27	1 0	13 45	16 12	20 36	20 45	25 19		n.a.
M 4	2 51	26 21	2 36	13 27	2 42	13 47	0 37	23 0	1 19	7 40	1 26	24 4	0 43	21 6	0 0	17 27	1 0	13 45	16 12	20 36	20 45	25 20		n.a.
T 5	3 14	24 38	1 28	13 54	2 44	14 14	0 40	22 54	1 20	7 38	1 26	24 4	0 43	21 6	0 0	17 26	1 0	13 44	16 12	20 36	20 46	25 20		n.a.
W 6	3 37	21 28	0 16	14 18	2 45	14 41	0 43	22 47	1 22	7 35	1 26	24 4	0 43	21 5	0 0	17 26	1 0	13 44	16 12	20 36	20 47	25 21		n.a.
T 7	4 0	17 11	0n55	14 40	2 46	15 8	0 45	22 41	1 23	7 32	1 26	24 4	0 43	21 5	0 0	17 25	1 0	13 43	16 12	20 36	20 47	25 22		n.a.
F 8	4 23	12 7	2 3	14 59	2 45	15 34	0 48	22 34	1 24	7 29	1 26	24 4	0 43	21 5	0 0	17 25	1 0	13 43	16 12	20 37	20 48	25 23		n.a.
S 9	4 46	6 36	3 2	15 15	2 44	16 0	0 51	22 27	1 26	7 27	1 26	24 4	0 43	21 5	0 0	17 25	1 0	13 42	16 12	20 38	20 49	25 23		n.a.
S 10	5 9	0 54	3 51	15 29	2 41	16 25	0 54	22 19	1 27	7 24	1 26	24 3	0 43	21 5	0 0	17 24	1 0	13 42	16 12	20 39	20 49	25 24		n.a.
M11	5 31	4n45	4 28	15 40	2 38	16 50	0 56	22 12	1 28	7 21	1 26	24 3	0 43	21 4	0 0	17 24	1 0	13 41	16 12	20 41	20 50	25 25		n.a.
T 12	5 54	10 7	4 51	15 48	2 34	17 14	0 59	22 4	1 30	7 18	1 26	24 3	0 43	21 4	0 0	17 23	1 0	13 41	16 12	20 44	20 51	25 26		n.a.
W13	6 17	15 1	5 0	15 54	2 28	17 39	1 2	21 56	1 31	7 16	1 26	24 3	0 43	21 4	0 0	17 23	1 0	13 40	16 12	20 46	20 51	25 27		n.a.
T 14	6 39	19 15	4 55	15 56	2 21	18 2	1 4	21 48	1 32	7 13	1 26	24 3	0 43	21 4	0 0	17 23	1 0	13 40	16 12	20 49	20 52	25 27		n.a.
F 15	7 1	22 38	4 37	15 57	2 14	18 26	1 7	21 40	1 34	7 10	1 26	24 2	0 43	21 3	0 0	17 22	1 0	13 39	16 12	20 51	20 53	25 28		n.a.
S 16	7 24	25 1	4 7	15 54	2 5	18 48	1 9	21 32	1 35	7 7	1 26	24 2	0 43	21 3	0 0	17 22	1 1	13 39	16 12	20 53	20 53	25 29		n.a.
S 17	7 46	26 17	3 27	15 49	1 55	19 11	1 12	21 23	1 36	7 4	1 26	24 2	0 43	21 3	0 0	17 22	1 1	13 38	16 12	20 55	20 54	25 29		n.a.
M18	8 8	26 20	2 37	15 41	1 44	19 32	1 14	21 14	1 38	7 1	1 26	24 2	0 43	21 2	0 0	17 21	1 1	13 38	16 12	20 56	20 54	25 30		n.a.
T 19	8 30	25 12	1 41	15 31	1 33	19 54	1 17	21 5	1 39	6 59	1 26	24 1	0 43	21 2	0 0	17 21	1 1	13 37	16 13	20 56	20 55	25 31		n.a.
W20	8 51	22 52	0 39	15 18	1 20	20 15	1 19	20 56	1 41	6 56	1 26	24 1	0 43	21 2	0 0	17 21	1 1	13 37	16 13	20 56	20 56	25 32		n.a.
T 21	9 13	19 28	0s26	15 3	1 6	20 35	1 22	20 47	1 42	6 53	1 26	24 1	0 43	21 1	0s 0	17 20	1 1	13 36	16 13	20 56	20 56	25 32		n.a.
F 22	9 34	15 6	1 31	14 46	0 52	20 55	1 24	20 38	1 43	6 50	1 25	24 1	0 43	21 1	0 0	17 20	1 1	13 36	16 13	20 56	20 57	25 33		n.a.
S 23	9 56	9 56	2 34	14 26	0 37	21 14	1 26	20 28	1 45	6 47	1 25	24 0	0 43	21 1	0 0	17 20	1 1	13 36	16 13	20 57	20 58	25 34		n.a.
S 24	10 17	4 8	3 30	14 5	0 21	21 32	1 28	20 18	1 46	6 45	1 25	24 0	0 43	21 0	0 0	17 20	1 1	13 35	16 13	20 58	20 58	25 34		n.a.
M25	10 38	2s 2	4 16	13 42	0 5	21 50	1 31	20 9	1 47	6 42	1 25	24 0	0 43	21 0	0 0	17 19	1 1	13 35	16 13	20 59	20 59	25 35		n.a.
T 26	10 59	8 18	4 47	13 18	0s12	22 8	1 33	19 59	1 49	6 39	1 25	24 0	0 43	21 0	0 0	17 19	1 1	13 34	16 13	21 1	21 0	25 36		n.a.
W27	11 19	14 15	5 0	12 52	0 29	22 25	1 35	19 48	1 50	6 36	1 25	23 59	0 44	20 59	0 0	17 19	1 1	13 34	16 13	21 3	21 0	25 36		n.a.
T 28	11 40	19 28	4 53	12 26	0 46	22 41	1 37	19 38	1 52	6 34	1 25	23 59	0 44	20 59	0 0	17 19	1 1	13 34	16 14	21 5	21 1	25 37		n.a.
F 29	12 0	23 27	4 26	11 59	1 3	22 57	1 39	19 28	1 53	6 31	1 25	23 59	0 44	20 59	0 0	17 18	1 1	13 33	16 14	21 7	21 1	25 38		n.a.
S 30	12n20	25s49	3s40	11n31	1s20	23n12	1n41	19s17	1s54	6s28	1n24	23n58	0n44	20s58	0s 0	17s18	1s 1	13s33	16s14	21s 9	21s 2	25n38		n.a.

Julian Day Number = 1496519.5, Delta T = 05h10m23s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'39, Lahiri = -12°27'39 Julian Calendar 1 Apr. 616 BCE == Greg. Calendar 25 March 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

MAY 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 8 21	2♉57'58	24♐18	2°R43	6♊49	12♒36	19°R29	11♋47	2°R35	15♒47	3♈12	26°R25	27♑ 1	6♊50	n.a.	S 1
M 2	14 12 17	3°55'15	8♑46	2♉ 9	8° 0	13°18	19♎22	11°51	2♐33	15°48	3°14	26♑23	26°58	6°56	n.a.	M 2
T 3	14 16 14	4°52'30	22°52	1°36	9°11	14° 0	19°15	11°55	2°30	15°49	3°15	26°D22	26°55	7° 3	n.a.	T 3
W 4	14 20 11	5°49'45	6♒37	1° 5	10°22	14°41	19° 8	12° 0	2°28	15°49	3°16	26°R22	26°51	7°10	n.a.	W 4
T 5	14 24 7	6°47'00	20° 1	0°35	11°33	15°23	19° 1	12° 4	2°26	15°50	3°17	26°21	26°48	7°16	n.a.	T 5
F 6	14 28 4	7°44'14	3♓ 7	0° 7	12°43	16° 5	18°54	12° 9	2°24	15°51	3°18	26°19	26°45	7°23	n.a.	F 6
S 7	14 32 0	8°41'27	15°57	29♈42	13°54	16°46	18°47	12°14	2°22	15°51	3°19	26°15	26°42	7°30	n.a.	S 7
S 8	14 35 57	9°38'40	28°34	29°20	15° 5	17°27	18°40	12°18	2°20	15°52	3°21	26° 7	26°39	7°36	n.a.	S 8
M 9	14 39 53	10°35'53	11♈ 1	29° 2	16°15	18° 9	18°33	12°23	2°18	15°52	3°22	25°58	26°36	7°43	n.a.	M 9
T 10	14 43 50	11°33'05	23°17	28°48	17°26	18°50	18°27	12°28	2°16	15°53	3°23	25°46	26°32	7°50	n.a.	T 10
W11	14 47 46	12°30'16	5♉26	28°37	18°36	19°31	18°20	12°33	2°13	15°54	3°24	25°33	26°29	7°56	n.a.	W11
T 12	14 51 43	13°27'27	17°27	28°31	19°46	20°12	18°14	12°38	2°11	15°54	3°25	25°20	26°26	8° 3	n.a.	T 12
F 13	14 55 40	14°24'38	29°22	28°D29	20°57	20°52	18° 8	12°43	2° 9	15°54	3°26	25° 9	26°23	8°10	n.a.	F 13
S 14	14 59 36	15°21'48	11♊13	28°31	22° 7	21°33	18° 2	12°48	2° 7	15°55	3°27	24°59	26°20	8°17	n.a.	S 14
S 15	15 3 33	16°18'57	23° 1	28°38	23°17	22°14	17°56	12°53	2° 4	15°55	3°28	24°52	26°17	8°23	n.a.	S 15
M16	15 7 29	17°16'06	4♋50	28°50	24°27	22°54	17°50	12°59	2° 2	15°56	3°29	24°48	26°13	8°30	n.a.	M16
T 17	15 11 26	18°13'15	16°43	29° 7	25°37	23°35	17°44	13° 4	2° 0	15°56	3°30	24°46	26°10	8°37	n.a.	T 17
W18	15 15 22	19°10'22	28°44	29°28	26°47	24°15	17°39	13° 9	1°57	15°56	3°31	24°D46	26° 7	8°43	n.a.	W18
T 19	15 19 19	20° 7'29	10♌59	29°53	27°57	24°55	17°33	13°15	1°55	15°56	3°32	24°46	26° 4	8°50	n.a.	T 19
F 20	15 23 16	21° 4'36	23°32	0♉23	29° 6	25°35	17°28	13°20	1°52	15°57	3°33	24°R47	26° 1	8°57	n.a.	F 20
S 21	15 27 12	22° 1'42	6♍27	0°58	0♋16	26°15	17°23	13°26	1°50	15°57	3°34	24°46	25°57	9° 3	n.a.	S 21
S 22	15 31 9	22°58'47	19°50	1°37	1°25	26°55	17°18	13°32	1°48	15°57	3°35	24°43	25°54	9°10	n.a.	S 22
M23	15 35 5	23°55'52	3♎43	2°21	2°35	27°34	17°13	13°37	1°45	15°57	3°36	24°38	25°51	9°17	n.a.	M23
T 24	15 39 2	24°52'57	18° 4	3° 9	3°44	28°14	17° 8	13°43	1°43	15°57	3°37	24°31	25°48	9°23	n.a.	T 24
W25	15 42 58	25°50'01	2♏51	4° 1	4°53	28°53	17° 3	13°49	1°41	15°57	3°38	24°22	25°45	9°30	n.a.	W25
T 26	15 46 55	26°47'05	17°57	4°57	6° 2	29°33	16°59	13°55	1°38	15°R57	3°39	24°14	25°42	9°37	n.a.	T 26
F 27	15 50 51	27°44'09	3♐12	5°57	7°11	0♓12	16°55	14° 1	1°36	15°57	3°40	24° 6	25°38	9°43	n.a.	F 27
S 28	15 54 48	28°41'13	18°26	7° 2	8°20	0°51	16°51	14° 7	1°33	15°57	3°41	24° 0	25°35	9°50	n.a.	S 28
S 29	15 58 45	29°38'18	3♑28	8°11	9°29	1°29	16°47	14°13	1°31	15°57	3°42	23°57	25°32	9°57	n.a.	S 29
M30	16 2 41	0♊35'22	18°10	9°23	10°38	2° 8	16°43	14°19	1°28	15°57	3°42	23°D55	25°29	10° 4	n.a.	M30
T 31	16 6 38	1♊32'27	2♒29	10♉40	11♋46	2♓47	16♎39	14♋26	1♐26	15♒57	3♈43	23♑55	25♑26	10♊10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	12n40	26s19	2s41	11n 4	1s37	23n26	1n43	19s 6	1s56	6s26	1n24	23n58	0n44	20s58	0s 0	17s18	1s 1	13s33	16s14	21s10	21s 3	25n39		n.a.	S 1
M 2	13 0	25 0	1 32	10 37	1 53	23 40	1 45	18 56	1 57	6 23	1 24	23 57	0 44	20 58	0 0	17 18	1 1	13 32	16 14	21 10	21 3	25 39		n.a.	M 2
T 3	13 19	22 6	0 18	10 11	2 8	23 53	1 46	18 45	1 59	6 21	1 24	23 57	0 44	20 57	0 0	17 17	1 1	13 32	16 14	21 10	21 4	25 40		n.a.	T 3
W 4	13 39	18 0	0n54	9 47	2 23	24 6	1 48	18 34	2 0	6 18	1 24	23 57	0 44	20 57	0 0	17 17	1 1	13 32	16 14	21 10	21 5	25 41		n.a.	W 4
T 5	13 58	13 5	2 2	9 23	2 37	24 17	1 50	18 22	2 1	6 15	1 24	23 56	0 44	20 56	0 0	17 17	1 1	13 31	16 15	21 10	21 5	25 41		n.a.	T 5
F 6	14 17	7 41	3 1	9 1	2 50	24 29	1 51	18 11	2 3	6 13	1 23	23 56	0 44	20 56	0 0	17 17	1 1	13 31	16 15	21 11	21 6	25 42		n.a.	F 6
S 7	14 36	2 5	3 50	8 41	3 2	24 39	1 53	18 0	2 4	6 11	1 23	23 55	0 44	20 56	0 0	17 17	1 1	13 31	16 15	21 12	21 6	25 42		n.a.	S 7
S 8	14 54	3n30	4 27	8 24	3 12	24 49	1 54	17 48	2 6	6 8	1 23	23 55	0 44	20 55	0 0	17 17	1 1	13 30	16 15	21 13	21 7	25 43		n.a.	S 8
M 9	15 12	8 52	4 51	8 8	3 22	24 58	1 56	17 37	2 7	6 6	1 23	23 55	0 44	20 55	0 0	17 17	1 2	13 30	16 15	21 15	21 8	25 44		n.a.	M 9
T 10	15 30	13 49	5 1	7 55	3 30	25 6	1 57	17 25	2 8	6 3	1 23	23 54	0 44	20 54	0 0	17 16	1 2	13 30	16 15	21 17	21 8	25 44		n.a.	T 10
W11	15 48	18 9	4 57	7 45	3 37	25 14	1 58	17 13	2 10	6 1	1 22	23 54	0 44	20 54	0 0	17 16	1 2	13 29	16 16	21 20	21 9	25 45		n.a.	W11
T 12	16 6	21 44	4 39	7 37	3 43	25 21	1 59	17 1	2 11	5 59	1 22	23 53	0 44	20 53	0 0	17 16	1 2	13 29	16 16	21 22	21 9	25 45		n.a.	T 12
F 13	16 23	24 21	4 10	7 32	3 48	25 27	2 0	16 49	2 12	5 57	1 22	23 53	0 44	20 53	0 0	17 16	1 2	13 29	16 16	21 24	21 10	25 46		n.a.	F 13
S 14	16 40	25 53	3 30	7 30	3 51	25 33	2 1	16 37	2 14	5 55	1 22	23 52	0 44	20 52	0 0	17 16	1 2	13 29	16 16	21 26	21 11	25 46		n.a.	S 14
S 15	16 57	26 15	2 40	7 31	3 53	25 38	2 2	16 25	2 15	5 52	1 22	23 52	0 44	20 52	0 0	17 16	1 2	13 28	16 16	21 27	21 11	25 47		n.a.	S 15
M16	17 13	25 25	1 44	7 34	3 54	25 42	2 3	16 13	2 17	5 50	1 21	23 51	0 44	20 52	0 0	17 16	1 2	13 28	16 17	21 28	21 12	25 47		n.a.	M16
T 17	17 30	23 25	0 43	7 40	3 54	25 45	2 4	16 1	2 18	5 48	1 21	23 51	0 44	20 51	0 0	17 16	1 2	13 28	16 17	21 28	21 12	25 48		n.a.	T 17
W18	17 45	20 21	0s21	7 48	3 53	25 48	2 4	15 48	2 19	5 46	1 21	23 50	0 44	20 51	0 0	17 16	1 2	13 28	16 17	21 28	21 13	25 48		n.a.	W18
T 19	18 1	16 21	1 25	7 59	3 51	25 50	2 5	15 36	2 21	5 45	1 21	23 50	0 44	20 50	0 0	17 16	1 2	13 28	16 17	21 28	21 14	25 49		n.a.	T 19
F 20	18 17	11 33	2 27	8 12	3 48	25 51	2 5	15 24	2 22	5 43	1 20	23 49	0 44	20 50	0 0	17 16	1 2	13 27	16 17	21 28	21 14	25 49		n.a.	F 20
S 21	18 32	6 7	3 23	8 28	3 44	25 52	2 6	15 11	2 24	5 41	1 20	23 49	0 44	20 49	0 0	17 16	1 2	13 27	16 18	21 28	21 15	25 50		n.a.	S 21
S 22	18 46	0 15	4 11	8 46	3 40	25 52	2 6	14 59	2 25	5 39	1 20	23 48	0 44	20 49	0 0	17 16	1 2	13 27	16 18	21 29	21 16	25 50		n.a.	S 22
M23	19 1	5s50	4 45	9 7	3 34	25 51	2 6	14 46	2 26	5 38	1 20	23 48	0 44	20 48	0 0	17 16	1 2	13 27	16 18	21 30	21 16	25 51		n.a.	M23
T 24	19 15	11 50	5 3	9 29	3 28	25 49	2 6	14 33	2 28	5 36	1 19	23 47	0 44	20 48	0 0	17 16	1 2	13 27	16 18	21 31	21 17	25 51		n.a.	T 24
W25	19 29	17 20	5 2	9 53	3 20	25 47	2 6	14 21	2 29	5 34	1 19	23 46	0 44	20 47	0 0	17 16	1 2	13 27	16 19	21 32	21 17	25 52		n.a.	W25
T 26	19 42	21 53	4 39	10 20	3 13	25 44	2 6	14 8	2 30	5 33	1 19	23 46	0 44	20 47	0 0	17 16	1 2	13 27	16 19	21 34	21 18	25 52		n.a.	T 26
F 27	19 56	24 58	3 57	10 48	3 4	25 40	2 6	13 55	2 32	5 32	1 19	23 45	0 44	20 46	0 0	17 16	1 2	13 26	16 19	21 35	21 18	25 52		n.a.	F 27
S 28	20 9	26 13	2 58	11 18	2 55	25 35	2 6	13 42	2 33	5 30	1 18	23 45	0 44	20 46	0 0	17 16	1 2	13 26	16 19	21 36	21 19	25 53		n.a.	S 28
S 29	20 21	25 31	1 48	11 49	2 45	25 30	2 5	13 30	2 35	5 29	1 18	23 44	0 44	20 45	0 0	17 16	1 2	13 26	16 20	21 37	21 20	25 53		n.a.	S 29
M30	20 33	23 2	0 31	12 22	2 35	25 24	2 5	13 17	2 36	5 28	1 18	23 43	0 44	20 45	0 0	17 16	1 2	13 26	16 20	21 37	21 20	25 54		n.a.	M30
T 31	20n45	19s 8	0n46	12n56	2s25	25n18	2n 4	13s 4	2s37	5s27	1n18	23n43	0n44	20s44	0s 0	17s16	1s 3	13s26	16s20	21s37	21s21	25n54		n.a.	T 31

Julian Day Number = 1496549.5, Delta T = 05h10m21s
Ecliptic obliquity = 23°46'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'35, Lahiri = -12°27'35 Julian Calendar 1 May 616 BCE == Greg. Calendar 24 Apr. 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

JUNE 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 10 34	2♊29'32	16♒21	12♉ 0	12♋55	3♓25	16°R36	14♋32	1°R24	15°R57	3♈44	23♑56	25♑22	10♊17	n.a.	W 1
T 2	16 14 31	3°26'37	29°49	13°24	14° 3	4° 3	16♎32	14°38	1♐21	15♒57	3°45	23°R57	25°19	10°24	n.a.	T 2
F 3	16 18 27	4°23'43	12♓53	14°52	15°12	4°41	16°29	14°44	1°19	15°56	3°46	23°56	25°16	10°30	n.a.	F 3
S 4	16 22 24	5°20'50	25°39	16°24	16°20	5°19	16°26	14°51	1°16	15°56	3°46	23°54	25°13	10°37	n.a.	S 4
S 5	16 26 20	6°17'57	8♈ 8	17°59	17°28	5°57	16°24	14°57	1°14	15°56	3°47	23°50	25°10	10°44	n.a.	S 5
M 6	16 30 17	7°15'04	20°24	19°38	18°36	6°34	16°21	15° 4	1°11	15°55	3°48	23°44	25° 7	10°50	n.a.	M 6
T 7	16 34 14	8°12'12	2♉31	21°20	19°44	7°12	16°19	15°10	1° 9	15°55	3°49	23°37	25° 3	10°57	n.a.	T 7
W 8	16 38 10	9° 9'20	14°30	23° 5	20°51	7°49	16°16	15°17	1° 7	15°55	3°49	23°29	25° 0	11° 4	n.a.	W 8
T 9	16 42 7	10° 6'29	26°24	24°54	21°59	8°26	16°14	15°24	1° 4	15°54	3°50	23°21	24°57	11°10	n.a.	T 9
F 10	16 46 3	11° 3'39	8♊14	26°46	23° 6	9° 3	16°12	15°30	1° 2	15°54	3°51	23°13	24°54	11°17	n.a.	F 10
S 11	16 50 0	12° 0'49	20° 3	28°40	24°14	9°39	16°11	15°37	0°59	15°53	3°51	23° 8	24°51	11°24	n.a.	S 11
S 12	16 53 56	12°58'00	1♋53	0♊37	25°21	10°16	16° 9	15°44	0°57	15°53	3°52	23° 4	24°48	11°30	n.a.	S 12
M13	16 57 53	13°55'10	13°45	2°37	26°28	10°52	16° 8	15°51	0°55	15°52	3°52	23° 1	24°44	11°37	n.a.	M13
T 14	17 1 50	14°52'22	25°42	4°38	27°35	11°28	16° 6	15°57	0°52	15°52	3°53	23°D 1	24°41	11°44	n.a.	T 14
W15	17 5 46	15°49'34	7♌48	6°41	28°42	12° 3	16° 6	16° 4	0°50	15°51	3°53	23° 2	24°38	11°50	n.a.	W15
T 16	17 9 43	16°46'46	20° 6	8°46	29°48	12°39	16° 5	16°11	0°48	15°50	3°54	23° 3	24°35	11°57	n.a.	T 16
F 17	17 13 39	17°43'58	2♍41	10°52	0♌55	13°14	16° 4	16°18	0°45	15°50	3°54	23° 5	24°32	12° 4	n.a.	F 17
S 18	17 17 36	18°41'11	15°35	12°58	2° 1	13°49	16° 4	16°25	0°43	15°49	3°55	23°R 6	24°28	12°11	n.a.	S 18
S 19	17 21 32	19°38'24	28°54	15° 5	3° 7	14°24	16° 3	16°32	0°41	15°48	3°55	23° 5	24°25	12°17	n.a.	S 19
M20	17 25 29	20°35'38	12♎39	17°13	4°13	14°58	16°D 3	16°39	0°39	15°48	3°56	23° 4	24°22	12°24	n.a.	M20
T 21	17 29 25	21°32'52	26°51	19°20	5°19	15°32	16° 3	16°46	0°36	15°47	3°56	23° 1	24°19	12°31	n.a.	T 21
W22	17 33 22	22°30'07	11♏28	21°27	6°24	16° 7	16° 4	16°54	0°34	15°46	3°57	22°57	24°16	12°37	n.a.	W22
T 23	17 37 19	23°27'22	26°25	23°33	7°30	16°40	16° 4	17° 1	0°32	15°45	3°57	22°53	24°13	12°44	n.a.	T 23
F 24	17 41 15	24°24'39	11♐36	25°39	8°35	17°14	16° 5	17° 8	0°30	15°44	3°57	22°49	24° 9	12°51	n.a.	F 24
S 25	17 45 12	25°21'56	26°49	27°44	9°40	17°47	16° 6	17°15	0°28	15°43	3°58	22°46	24° 6	12°57	n.a.	S 25
S 26	17 49 8	26°19'14	11♑55	29°47	10°45	18°20	16° 7	17°22	0°26	15°42	3°58	22°45	24° 3	13° 4	n.a.	S 26
M27	17 53 5	27°16'33	26°46	1♋50	11°50	18°53	16° 8	17°30	0°24	15°42	3°58	22°D44	24° 0	13°11	n.a.	M27
T 28	17 57 1	28°13'54	11♒14	3°51	12°54	19°25	16° 9	17°37	0°22	15°41	3°59	22°45	23°57	13°17	n.a.	T 28
W29	18 0 58	29°11'15	25°16	5°51	13°58	19°57	16°11	17°44	0°19	15°40	3°59	22°47	23°54	13°24	n.a.	W29
T 30	18 4 55	0♋ 8'38	8♓51	7♋49	15♌ 2	20♓29	16♎13	17♋52	0♐17	15♒39	3♈59	22♑48	23♑50	13♊31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n57	14s17	1n58	13n32	2s14	25n11	2n 3	12s51	2s39	5s25	1n17	23n42	0n44	20s44	0s 0	17s16	1s 3	13s26	16s20	21s37	21s21	25n54		n.a.
T 2	21 8	8 53	3 1	14 8	2 3	25 3	2 2	12 38	2 40	5 24	1 17	23 41	0 44	20 43	0 0	17 16	1 3	13 26	16 21	21 37	21 22	25 55		n.a.
F 3	21 19	3 14	3 53	14 45	1 51	24 54	2 2	12 25	2 41	5 23	1 17	23 41	0 44	20 43	0 0	17 16	1 3	13 26	16 21	21 37	21 23	25 55		n.a.
S 4	21 29	2n23	4 31	15 23	1 39	24 45	2 0	12 12	2 43	5 23	1 16	23 40	0 45	20 42	0 0	17 17	1 3	13 26	16 21	21 37	21 23	25 56		n.a.
S 5	21 40	7 48	4 56	16 2	1 27	24 35	1 59	11 59	2 44	5 22	1 16	23 39	0 45	20 42	0 0	17 17	1 3	13 26	16 22	21 38	21 24	25 56		n.a.
M 6	21 49	12 48	5 7	16 41	1 15	24 24	1 58	11 46	2 45	5 21	1 16	23 39	0 45	20 41	0 0	17 17	1 3	13 26	16 22	21 39	21 24	25 56		n.a.
T 7	21 59	17 15	5 4	17 20	1 3	24 13	1 57	11 34	2 47	5 20	1 16	23 38	0 45	20 41	0 0	17 17	1 3	13 26	16 22	21 40	21 25	25 57		n.a.
W 8	22 8	20 59	4 48	18 0	0 50	24 1	1 55	11 21	2 48	5 20	1 15	23 37	0 45	20 40	0 0	17 17	1 3	13 26	16 22	21 42	21 26	25 57		n.a.
T 9	22 16	23 48	4 19	18 39	0 38	23 49	1 54	11 8	2 49	5 19	1 15	23 37	0 45	20 40	0 0	17 17	1 3	13 26	16 23	21 43	21 26	25 57		n.a.
F 10	22 25	25 35	3 39	19 17	0 26	23 36	1 52	10 55	2 51	5 19	1 15	23 36	0 45	20 39	0 1	17 18	1 3	13 26	16 23	21 44	21 27	25 58		n.a.
S 11	22 33	26 12	2 49	19 55	0 14	23 22	1 50	10 42	2 52	5 18	1 14	23 35	0 45	20 39	0 1	17 18	1 3	13 26	16 23	21 45	21 27	25 58		n.a.
S 12	22 40	25 38	1 52	20 32	0 2	23 8	1 48	10 29	2 53	5 18	1 14	23 34	0 45	20 38	0 1	17 18	1 3	13 26	16 24	21 46	21 28	25 58		n.a.
M13	22 47	23 53	0 50	21 7	0n 9	22 53	1 46	10 17	2 55	5 18	1 14	23 33	0 45	20 38	0 1	17 18	1 3	13 26	16 24	21 47	21 28	25 59		n.a.
T 14	22 54	21 3	0s15	21 41	0 20	22 38	1 44	10 4	2 56	5 18	1 14	23 33	0 45	20 37	0 1	17 18	1 3	13 26	16 24	21 47	21 29	25 59		n.a.
W15	23 0	17 17	1 20	22 14	0 31	22 22	1 42	9 51	2 57	5 17	1 13	23 32	0 45	20 37	0 1	17 19	1 3	13 26	16 24	21 46	21 30	25 59		n.a.
T 16	23 6	12 44	2 22	22 44	0 41	22 5	1 39	9 39	2 58	5 17	1 13	23 31	0 45	20 37	0 1	17 19	1 3	13 26	16 25	21 46	21 30	25 59		n.a.
F 17	23 12	7 34	3 20	23 13	0 50	21 48	1 37	9 26	3 0	5 17	1 13	23 30	0 45	20 36	0 1	17 19	1 3	13 26	16 25	21 46	21 31	26 0		n.a.
S 18	23 17	1 57	4 8	23 39	0 59	21 31	1 34	9 14	3 1	5 18	1 12	23 29	0 45	20 36	0 1	17 19	1 3	13 26	16 25	21 46	21 31	26 0		n.a.
S 19	23 22	3s54	4 45	24 2	1 7	21 13	1 32	9 1	3 2	5 18	1 12	23 29	0 45	20 35	0 1	17 20	1 3	13 26	16 26	21 46	21 32	26 0		n.a.
M20	23 26	9 46	5 8	24 23	1 15	20 54	1 29	8 49	3 4	5 18	1 12	23 28	0 45	20 35	0 1	17 20	1 3	13 26	16 26	21 46	21 32	26 1		n.a.
T 21	23 30	15 19	5 12	24 41	1 21	20 35	1 26	8 37	3 5	5 18	1 11	23 27	0 45	20 34	0 1	17 20	1 3	13 26	16 26	21 47	21 33	26 1		n.a.
W22	23 33	20 10	4 57	24 57	1 27	20 16	1 23	8 24	3 6	5 19	1 11	23 26	0 45	20 34	0 1	17 20	1 3	13 27	16 27	21 47	21 34	26 1		n.a.
T 23	23 36	23 51	4 21	25 9	1 33	19 56	1 19	8 12	3 7	5 19	1 11	23 25	0 45	20 33	0 1	17 21	1 4	13 27	16 27	21 48	21 34	26 1		n.a.
F 24	23 39	25 54	3 27	25 19	1 37	19 35	1 16	8 0	3 9	5 20	1 11	23 24	0 45	20 33	0 1	17 21	1 4	13 27	16 27	21 49	21 35	26 2		n.a.
S 25	23 41	26 1	2 18	25 26	1 41	19 14	1 13	7 48	3 10	5 20	1 10	23 23	0 45	20 32	0 1	17 21	1 4	13 27	16 28	21 49	21 35	26 2		n.a.
S 26	23 43	24 13	0 59	25 30	1 44	18 53	1 9	7 36	3 11	5 21	1 10	23 23	0 46	20 32	0 1	17 22	1 4	13 27	16 28	21 49	21 36	26 2		n.a.
M27	23 45	20 44	0n22	25 32	1 46	18 32	1 5	7 24	3 12	5 22	1 10	23 22	0 46	20 32	0 1	17 22	1 4	13 27	16 28	21 49	21 36	26 2		n.a.
T 28	23 45	16 3	1 40	25 31	1 48	18 9	1 2	7 12	3 14	5 22	1 9	23 21	0 46	20 31	0 1	17 22	1 4	13 27	16 29	21 49	21 37	26 2		n.a.
W29	23 46	10 37	2 50	25 27	1 49	17 47	0 58	7 1	3 15	5 23	1 9	23 20	0 46	20 31	0 1	17 23	1 4	13 28	16 29	21 49	21 38	26 3		n.a.
T 30	23n46	4s51	3n47	25n22	1n50	17n24	0n54	6s49	3s16	5s24	1n 9	23n19	0n46	20s30	0s 1	17s23	1s 4	13s28	16s29	21s49	21s38	26n 3		n.a.

Julian Day Number = 1496580.5, Delta T = 05h10m20s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'31, Lahiri = -12°27'30 Julian Calendar 1 June 616 BCE == Greg. Calendar 25 May 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

JULY 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 8 51	1♋ 6'02	22♓ 1	9♋46	16♌ 6	21♓ 0	16♎15	17♋59	0°R15	15°R37	3♈59	22♑49	23♑47	13♊37	n.a.	F 1
S 2	18 12 48	2° 3'27	4♈48	11°41	17° 9	21°32	16°17	18° 6	0♐14	15♒36	4° 0	22°R49	23°44	13°44	n.a.	S 2
S 3	18 16 44	3° 0'54	17°16	13°35	18°13	22° 2	16°19	18°14	0°12	15°35	4° 0	22°48	23°41	13°51	n.a.	S 3
M 4	18 20 41	3°58'22	29°29	15°28	19°16	22°33	16°21	18°21	0°10	15°34	4° 0	22°47	23°38	13°57	n.a.	M 4
T 5	18 24 37	4°55'52	11♉31	17°19	20°19	23° 3	16°24	18°29	0° 8	15°33	4° 0	22°45	23°34	14° 4	n.a.	T 5
W 6	18 28 34	5°53'23	23°25	19° 8	21°21	23°33	16°27	18°36	0° 6	15°32	4° 0	22°42	23°31	14°11	n.a.	W 6
T 7	18 32 30	6°50'56	5♊15	20°56	22°24	24° 2	16°30	18°43	0° 4	15°31	4° 0	22°40	23°28	14°17	n.a.	T 7
F 8	18 36 27	7°48'30	17° 4	22°42	23°26	24°31	16°33	18°51	0° 3	15°29	4° 0	22°37	23°25	14°24	n.a.	F 8
S 9	18 40 24	8°46'06	28°55	24°27	24°27	25° 0	16°36	18°58	0° 1	15°28	4° 1	22°36	23°22	14°31	n.a.	S 9
S 10	18 44 20	9°43'43	10♋49	26°10	25°29	25°28	16°40	19° 6	29♏59	15°27	4° 1	22°35	23°19	14°37	n.a.	S 10
M11	18 48 17	10°41'21	22°48	27°52	26°30	25°56	16°43	19°13	29°57	15°26	4°R 1	22°D34	23°15	14°44	n.a.	M11
T 12	18 52 13	11°39'01	4♌56	29°32	27°31	26°24	16°47	19°21	29°56	15°24	4° 1	22°35	23°12	14°51	n.a.	T 12
W13	18 56 10	12°36'42	17°13	1♌11	28°32	26°51	16°51	19°29	29°54	15°23	4° 1	22°35	23° 9	14°58	n.a.	W13
T 14	19 0 6	13°34'24	29°42	2°48	29°32	27°17	16°55	19°36	29°53	15°22	4° 1	22°36	23° 6	15° 4	n.a.	T 14
F 15	19 4 3	14°32'08	12♍25	4°24	0♍32	27°43	17° 0	19°44	29°51	15°20	4° 0	22°37	23° 3	15°11	n.a.	F 15
S 16	19 7 59	15°29'53	25°25	5°58	1°31	28° 9	17° 4	19°51	29°50	15°19	4° 0	22°38	23° 0	15°18	n.a.	S 16
S 17	19 11 56	16°27'39	8♎44	7°31	2°30	28°34	17° 9	19°59	29°48	15°18	4° 0	22°38	22°56	15°24	n.a.	S 17
M18	19 15 53	17°25'26	22°24	9° 2	3°29	28°59	17°14	20° 6	29°47	15°16	4° 0	22°R38	22°53	15°31	n.a.	M18
T 19	19 19 49	18°23'14	6♏25	10°32	4°28	29°24	17°19	20°14	29°46	15°15	4° 0	22°38	22°50	15°38	n.a.	T 19
W20	19 23 46	19°21'04	20°47	12° 1	5°26	29°48	17°24	20°22	29°44	15°13	4° 0	22°38	22°47	15°44	n.a.	W20
T 21	19 27 42	20°18'56	5♐26	13°28	6°23	0♈11	17°29	20°29	29°43	15°12	4° 0	22°37	22°44	15°51	n.a.	T 21
F 22	19 31 39	21°16'49	20°18	14°53	7°21	0°34	17°35	20°37	29°42	15°10	3°59	22°37	22°40	15°58	n.a.	F 22
S 23	19 35 35	22°14'43	5♑15	16°17	8°17	0°56	17°40	20°44	29°41	15° 9	3°59	22°D37	22°37	16° 4	n.a.	S 23
S 24	19 39 32	23°12'39	20°11	17°40	9°14	1°18	17°46	20°52	29°40	15° 7	3°59	22°R37	22°34	16°11	n.a.	S 24
M25	19 43 28	24°10'37	4♒56	19° 1	10° 9	1°40	17°52	20°59	29°38	15° 6	3°59	22°37	22°31	16°18	n.a.	M25
T 26	19 47 25	25° 8'36	19°25	20°20	11° 5	2° 0	17°58	21° 7	29°37	15° 4	3°58	22°37	22°28	16°24	n.a.	T 26
W27	19 51 22	26° 6'37	3♓31	21°37	11°59	2°21	18° 4	21°15	29°36	15° 3	3°58	22°37	22°25	16°31	n.a.	W27
T 28	19 55 18	27° 4'40	17°12	22°53	12°54	2°40	18°11	21°22	29°35	15° 1	3°58	22°36	22°21	16°38	n.a.	T 28
F 29	19 59 15	28° 2'45	0♈28	24° 7	13°47	2°59	18°17	21°30	29°35	15° 0	3°57	22°36	22°18	16°44	n.a.	F 29
S 30	20 3 11	29° 0'52	13°19	25°19	14°41	3°18	18°24	21°37	29°34	14°58	3°57	22°35	22°15	16°51	n.a.	S 30
S 31	20 7 8	29♋59'02	25♈50	26♌29	15♍33	3♈36	18♎30	21♋45	29♏33	14♒57	3♈57	22°D35	22♑12	16♊58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n46	0n56	4n31	25n13	1n49	17n 1	0n50	6s38	3s17	5s25	1n 8	23n18	0n46	20s30	0s 1	17s23	1s 4	13s28	16s30	21s49	21s39	26n 3		n.a.
S 2	23 45	6 31	5 0	25 3	1 49	16 37	0 45	6 26	3 18	5 26	1 8	23 17	0 46	20 29	0 1	17 24	1 4	13 28	16 30	21 49	21 39	26 3		n.a.
S 3	23 44	11 41	5 14	24 51	1 47	16 14	0 41	6 15	3 20	5 28	1 8	23 16	0 46	20 29	0 1	17 24	1 4	13 28	16 30	21 49	21 40	26 3		n.a.
M 4	23 43	16 19	5 13	24 36	1 45	15 49	0 36	6 4	3 21	5 29	1 8	23 15	0 46	20 29	0 1	17 24	1 4	13 29	16 30	21 49	21 40	26 3		n.a.
T 5	23 41	20 13	4 59	24 20	1 43	15 25	0 32	5 53	3 22	5 30	1 7	23 14	0 46	20 28	0 1	17 25	1 4	13 29	16 31	21 49	21 41	26 4		n.a.
W 6	23 38	23 15	4 31	24 2	1 40	15 0	0 27	5 42	3 23	5 31	1 7	23 13	0 46	20 28	0 1	17 25	1 4	13 29	16 31	21 50	21 41	26 4		n.a.
T 7	23 35	25 17	3 53	23 42	1 36	14 35	0 22	5 31	3 24	5 33	1 7	23 12	0 46	20 27	0 1	17 25	1 4	13 29	16 31	21 50	21 42	26 4		n.a.
F 8	23 32	26 11	3 4	23 21	1 33	14 10	0 17	5 20	3 25	5 34	1 6	23 11	0 46	20 27	0 1	17 26	1 4	13 30	16 32	21 51	21 42	26 4		n.a.
S 9	23 29	25 53	2 7	22 58	1 28	13 44	0 12	5 10	3 27	5 36	1 6	23 10	0 46	20 27	0 1	17 26	1 4	13 30	16 32	21 51	21 43	26 4		n.a.
S 10	23 24	24 24	1 5	22 35	1 24	13 19	0 7	5 0	3 28	5 37	1 6	23 9	0 46	20 26	0 1	17 27	1 4	13 30	16 32	21 51	21 44	26 4		n.a.
M11	23 20	21 47	0s 1	22 9	1 18	12 53	0 1	4 49	3 29	5 39	1 6	23 8	0 46	20 26	0 1	17 27	1 4	13 31	16 33	21 51	21 44	26 4		n.a.
T 12	23 15	18 12	1 8	21 43	1 13	12 26	0s 4	4 39	3 30	5 41	1 5	23 7	0 47	20 26	0 1	17 28	1 4	13 31	16 33	21 51	21 45	26 4		n.a.
W13	23 10	13 47	2 12	21 16	1 7	12 0	0 10	4 29	3 31	5 43	1 5	23 6	0 47	20 25	0 1	17 28	1 4	13 31	16 33	21 51	21 45	26 4		n.a.
T 14	23 4	8 45	3 12	20 48	1 1	11 33	0 15	4 20	3 32	5 45	1 5	23 5	0 47	20 25	0 1	17 28	1 4	13 31	16 34	21 51	21 46	26 5		n.a.
F 15	22 58	3 16	4 3	20 19	0 55	11 7	0 21	4 10	3 33	5 47	1 4	23 4	0 47	20 25	0 1	17 29	1 4	13 32	16 34	21 51	21 46	26 5		n.a.
S 16	22 51	2s28	4 42	19 49	0 48	10 40	0 27	4 1	3 34	5 49	1 4	23 3	0 47	20 24	0 1	17 29	1 4	13 32	16 34	21 50	21 47	26 5		n.a.
S 17	22 44	8 13	5 8	19 18	0 41	10 13	0 33	3 52	3 35	5 51	1 4	23 2	0 47	20 24	0 1	17 30	1 4	13 32	16 35	21 50	21 47	26 5		n.a.
M18	22 37	13 44	5 17	18 47	0 34	9 46	0 39	3 42	3 36	5 53	1 4	23 1	0 47	20 24	0 1	17 30	1 4	13 33	16 35	21 50	21 48	26 5		n.a.
T 19	22 29	18 41	5 8	18 15	0 26	9 18	0 45	3 34	3 37	5 55	1 3	23 0	0 47	20 24	0 1	17 31	1 4	13 33	16 35	21 50	21 48	26 5		n.a.
W20	22 21	22 41	4 40	17 43	0 18	8 51	0 52	3 25	3 38	5 57	1 3	22 59	0 47	20 23	0 1	17 31	1 4	13 34	16 36	21 51	21 49	26 5		n.a.
T 21	22 13	25 20	3 53	17 10	0 10	8 23	0 58	3 16	3 39	5 59	1 3	22 58	0 47	20 23	0 1	17 32	1 4	13 34	16 36	21 51	21 50	26 5		n.a.
F 22	22 4	26 14	2 50	16 38	0 2	7 56	1 5	3 8	3 40	6 2	1 3	22 57	0 47	20 23	0 1	17 32	1 4	13 34	16 36	21 51	21 50	26 5		n.a.
S 23	21 54	25 15	1 35	16 4	0s 6	7 28	1 11	3 0	3 41	6 4	1 2	22 56	0 47	20 23	0 1	17 32	1 5	13 35	16 37	21 51	21 51	26 5		n.a.
S 24	21 45	22 27	0 14	15 31	0 15	7 1	1 18	2 52	3 42	6 7	1 2	22 54	0 47	20 22	0 1	17 33	1 5	13 35	16 37	21 51	21 51	26 5		n.a.
M25	21 34	18 12	1n 8	14 58	0 23	6 33	1 25	2 44	3 43	6 9	1 2	22 53	0 48	20 22	0 1	17 33	1 5	13 35	16 37	21 51	21 52	26 5		n.a.
T 26	21 24	12 56	2 23	14 24	0 32	6 6	1 32	2 37	3 44	6 12	1 1	22 52	0 48	20 22	0 1	17 34	1 5	13 36	16 37	21 51	21 52	26 5		n.a.
W27	21 13	7 8	3 28	13 51	0 41	5 38	1 39	2 29	3 45	6 14	1 1	22 51	0 48	20 22	0 1	17 34	1 5	13 36	16 38	21 51	21 53	26 5		n.a.
T 28	21 2	1 9	4 19	13 17	0 50	5 10	1 46	2 22	3 46	6 17	1 1	22 50	0 48	20 21	0 1	17 35	1 5	13 37	16 38	21 51	21 53	26 5		n.a.
F 29	20 50	4n40	4 54	12 44	0 59	4 43	1 54	2 15	3 47	6 20	1 1	22 49	0 48	20 21	0 1	17 35	1 5	13 37	16 38	21 51	21 54	26 5		n.a.
S 30	20 38	10 7	5 13	12 11	1 9	4 15	2 1	2 9	3 48	6 23	1 0	22 48	0 48	20 21	0 1	17 36	1 5	13 37	16 39	21 51	21 54	26 5		n.a.
S 31	20n26	15n 1	5n17	11n38	1s18	3n48	2s 9	2s 2	3s48	6s26	1n 0	22n47	0n48	20s21	0s 1	17s36	1s 5	13s38	16s39	21s51	21s55	26n 5		n.a.

Julian Day Number = 1496610.5, Delta T = 05h10m18s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'27, Lahiri = -12°27'26 Julian Calendar 1 July 616 BCE == Greg. Calendar 24 June 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

AUGUST 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 11 4	0♌57'13	8♉ 3	27♌37	16♍25	3♈53	18♎37	21♋52	29°R32	14°R55	3°R56	22♑35	22♑ 9	17♊ 4	n.a.	M 1
T 2	20 15 1	1°55'27	20° 4	28°43	17°16	4°10	18°44	22° 0	29♏31	14♒53	3♈56	22°35	22° 6	17°11	n.a.	T 2
W 3	20 18 57	2°53'42	1♊57	29°47	18° 7	4°26	18°52	22° 7	29°31	14°52	3°55	22°36	22° 2	17°18	n.a.	W 3
T 4	20 22 54	3°52'00	13°46	0♍48	18°57	4°41	18°59	22°15	29°30	14°50	3°55	22°37	21°59	17°24	n.a.	T 4
F 5	20 26 51	4°50'21	25°36	1°47	19°47	4°56	19° 7	22°22	29°30	14°49	3°54	22°38	21°56	17°31	n.a.	F 5
S 6	20 30 47	5°48'43	7♋30	2°43	20°35	5°10	19°14	22°30	29°29	14°47	3°54	22°39	21°53	17°38	n.a.	S 6
S 7	20 34 44	6°47'07	19°30	3°36	21°23	5°23	19°22	22°37	29°29	14°45	3°53	22°R40	21°50	17°44	n.a.	S 7
M 8	20 38 40	7°45'33	1♌41	4°26	22°10	5°35	19°30	22°45	29°28	14°44	3°53	22°40	21°46	17°51	n.a.	M 8
T 9	20 42 37	8°44'02	14° 3	5°13	22°56	5°47	19°38	22°52	29°28	14°42	3°52	22°39	21°43	17°58	n.a.	T 9
W10	20 46 33	9°42'32	26°37	5°56	23°42	5°58	19°46	22°59	29°28	14°40	3°51	22°37	21°40	18° 4	n.a.	W10
T 11	20 50 30	10°41'04	9♍25	6°36	24°26	6° 8	19°54	23° 7	29°27	14°39	3°51	22°35	21°37	18°11	n.a.	T 11
F 12	20 54 26	11°39'38	22°26	7°11	25°10	6°18	20° 3	23°14	29°27	14°37	3°50	22°32	21°34	18°18	n.a.	F 12
S 13	20 58 23	12°38'14	5♎42	7°42	25°53	6°27	20°11	23°21	29°27	14°35	3°50	22°29	21°31	18°24	n.a.	S 13
S 14	21 2 19	13°36'52	19°11	8° 9	26°34	6°34	20°20	23°29	29°27	14°34	3°49	22°27	21°27	18°31	n.a.	S 14
M15	21 6 16	14°35'31	2♏54	8°30	27°15	6°42	20°28	23°36	29°27	14°32	3°48	22°25	21°24	18°38	n.a.	M15
T 16	21 10 13	15°34'13	16°50	8°46	27°54	6°48	20°37	23°43	29°D27	14°30	3°48	22°D25	21°21	18°44	n.a.	T 16
W17	21 14 9	16°32'56	0♐58	8°56	28°33	6°53	20°46	23°50	29°27	14°29	3°47	22°25	21°18	18°51	n.a.	W17
T 18	21 18 6	17°31'41	15°18	9°R 0	29°10	6°58	20°55	23°58	29°27	14°27	3°46	22°27	21°15	18°58	n.a.	T 18
F 19	21 22 2	18°30'28	29°46	8°58	29°46	7° 2	21° 5	24° 5	29°27	14°25	3°45	22°28	21°12	19° 4	n.a.	F 19
S 20	21 25 59	19°29'17	14♑19	8°49	0♎21	7° 5	21°14	24°12	29°27	14°24	3°45	22°29	21° 8	19°11	n.a.	S 20
S 21	21 29 55	20°28'07	28°51	8°32	0°54	7° 7	21°23	24°19	29°27	14°22	3°44	22°R29	21° 5	19°18	n.a.	S 21
M22	21 33 52	21°27'00	13♒18	8° 9	1°26	7° 8	21°33	24°26	29°28	14°21	3°43	22°28	21° 2	19°24	n.a.	M22
T 23	21 37 48	22°25'54	27°33	7°38	1°57	7°R 8	21°43	24°33	29°28	14°19	3°42	22°25	20°59	19°31	n.a.	T 23
W24	21 41 45	23°24'51	11♓32	6°59	2°26	7° 8	21°52	24°40	29°28	14°17	3°41	22°21	20°56	19°38	n.a.	W24
T 25	21 45 42	24°23'50	25°10	6°14	2°54	7° 6	22° 2	24°47	29°29	14°16	3°41	22°16	20°52	19°44	n.a.	T 25
F 26	21 49 38	25°22'51	8♈27	5°22	3°20	7° 4	22°12	24°54	29°29	14°14	3°40	22°11	20°49	19°51	n.a.	F 26
S 27	21 53 35	26°21'55	21°20	4°24	3°44	7° 1	22°22	25° 1	29°30	14°12	3°39	22° 6	20°46	19°58	n.a.	S 27
S 28	21 57 31	27°21'01	3♉53	3°21	4° 7	6°57	22°33	25° 7	29°30	14°11	3°38	22° 2	20°43	20° 4	n.a.	S 28
M29	22 1 28	28°20'10	16° 8	2°15	4°28	6°52	22°43	25°14	29°31	14° 9	3°37	22° 0	20°40	20°11	n.a.	M29
T 30	22 5 24	29°19'20	28° 9	1° 6	4°47	6°46	22°53	25°21	29°32	14° 8	3°36	21°D59	20°37	20°18	n.a.	T 30
W31	22 9 21	0♍18'34	10♊ 2	29♌57	5♎ 4	6♈39	23♎ 4	25♋28	29♏33	14♒ 6	3♈35	21♑59	20♑33	20♊24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20n13	19n12	5n 6	11n 6	1s27	3n21	2s16	1s56	3s49	6s28	1n 0	22n46	0n48	20s21	0s 1	17s37	1s 5	13s38	16s39	21s51	21s55	26n 5		n.a.	
T 2	20 0	22 31	4 42	10 34	1 37	2 53	2 24	1 50	3 50	6 31	1 0	22 44	0 48	20 21	0 1	17 37	1 5	13 39	16 40	21 51	21 56	26 5		n.a.	
W 3	19 47	24 51	4 6	10 3	1 46	2 26	2 32	1 44	3 51	6 34	0 59	22 43	0 48	20 20	0 1	17 38	1 5	13 39	16 40	21 51	21 56	26 5		n.a.	
T 4	19 33	26 4	3 19	9 33	1 56	1 59	2 39	1 39	3 52	6 37	0 59	22 42	0 48	20 20	0 1	17 38	1 5	13 40	16 40	21 51	21 57	26 5		n.a.	
F 5	19 19	26 6	2 24	9 3	2 5	1 33	2 47	1 34	3 52	6 41	0 59	22 41	0 49	20 20	0 1	17 39	1 5	13 40	16 40	21 50	21 57	26 5		n.a.	
S 6	19 5	24 56	1 23	8 34	2 14	1 6	2 55	1 29	3 53	6 44	0 59	22 40	0 49	20 20	0 1	17 39	1 5	13 41	16 41	21 50	21 58	26 4		n.a.	
S 7	18 50	22 37	0 17	8 6	2 23	0 39	3 4	1 24	3 54	6 47	0 58	22 39	0 49	20 20	0 1	17 40	1 5	13 41	16 41	21 50	21 58	26 4		n.a.	
M 8	18 35	19 15	0s50	7 39	2 32	0 13	3 12	1 19	3 54	6 50	0 58	22 38	0 49	20 20	0 1	17 40	1 5	13 41	16 41	21 50	21 59	26 4		n.a.	
T 9	18 20	15 0	1 56	7 14	2 41	0s13	3 20	1 15	3 55	6 53	0 58	22 36	0 49	20 20	0 1	17 41	1 5	13 42	16 42	21 50	21 59	26 4		n.a.	
W10	18 4	10 3	2 57	6 50	2 50	0 39	3 28	1 11	3 55	6 57	0 58	22 35	0 49	20 20	0 1	17 41	1 5	13 42	16 42	21 51	22 0	26 4		n.a.	
T 11	17 48	4 36	3 50	6 27	2 59	1 4	3 37	1 8	3 56	7 0	0 58	22 34	0 49	20 20	0 1	17 42	1 5	13 43	16 42	21 51	22 0	26 4		n.a.	
F 12	17 32	1s 8	4 33	6 6	3 7	1 29	3 45	1 4	3 56	7 3	0 57	22 33	0 49	20 20	0 1	17 42	1 5	13 43	16 42	21 52	22 1	26 4		n.a.	
S 13	17 15	6 54	5 2	5 47	3 15	1 54	3 54	1 1	3 57	7 7	0 57	22 32	0 49	20 20	0 1	17 43	1 5	13 44	16 43	21 52	22 1	26 4		n.a.	
S 14	16 58	12 26	5 14	5 31	3 22	2 19	4 2	0 58	3 57	7 10	0 57	22 31	0 50	20 20	0 1	17 43	1 5	13 44	16 43	21 52	22 2	26 4		n.a.	
M15	16 41	17 29	5 10	5 16	3 29	2 43	4 11	0 56	3 57	7 14	0 57	22 29	0 50	20 20	0 1	17 44	1 5	13 45	16 43	21 53	22 2	26 3		n.a.	
T 16	16 23	21 40	4 47	5 4	3 35	3 7	4 20	0 54	3 58	7 18	0 56	22 28	0 50	20 20	0 1	17 44	1 5	13 45	16 43	21 53	22 3	26 3		n.a.	
W17	16 6	24 39	4 7	4 55	3 41	3 31	4 28	0 52	3 58	7 21	0 56	22 27	0 50	20 20	0 1	17 45	1 5	13 46	16 44	21 53	22 3	26 3		n.a.	
T 18	15 48	26 6	3 10	4 49	3 46	3 54	4 37	0 50	3 58	7 25	0 56	22 26	0 50	20 20	0 1	17 45	1 5	13 46	16 44	21 52	22 4	26 3		n.a.	
F 19	15 29	25 48	2 2	4 47	3 50	4 16	4 46	0 49	3 58	7 29	0 56	22 25	0 50	20 20	0 1	17 46	1 5	13 47	16 44	21 52	22 4	26 3		n.a.	
S 20	15 11	23 44	0 45	4 47	3 52	4 38	4 55	0 48	3 58	7 32	0 56	22 24	0 50	20 20	0 1	17 46	1 5	13 47	16 44	21 52	22 5	26 3		n.a.	
S 21	14 52	20 6	0n35	4 52	3 54	5 0	5 4	0 47	3 58	7 36	0 55	22 23	0 50	20 20	0 1	17 47	1 5	13 48	16 44	21 52	22 5	26 2		n.a.	
M22	14 33	15 17	1 52	5 1	3 54	5 21	5 13	0 46	3 58	7 40	0 55	22 21	0 50	20 20	0 1	17 47	1 5	13 48	16 45	21 52	22 6	26 2		n.a.	
T 23	14 14	9 40	3 0	5 13	3 53	5 41	5 21	0 46	3 58	7 44	0 55	22 20	0 51	20 20	0 1	17 48	1 5	13 49	16 45	21 53	22 6	26 2		n.a.	
W24	13 54	3 42	3 57	5 30	3 50	6 1	5 30	0 46	3 58	7 48	0 55	22 19	0 51	20 20	0 1	17 48	1 5	13 49	16 45	21 53	22 7	26 2		n.a.	
T 25	13 34	2n18	4 38	5 51	3 46	6 20	5 39	0 46	3 58	7 52	0 54	22 18	0 51	20 20	0 1	17 49	1 5	13 50	16 45	21 54	22 7	26 1		n.a.	
F 26	13 14	8 1	5 3	6 17	3 39	6 39	5 48	0 47	3 58	7 55	0 54	22 17	0 51	20 20	0 1	17 49	1 5	13 50	16 46	21 55	22 8	26 1		n.a.	
S 27	12 54	13 14	5 12	6 46	3 31	6 56	5 56	0 48	3 57	7 59	0 54	22 16	0 51	20 20	0 1	17 50	1 5	13 51	16 46	21 56	22 8	26 1		n.a.	
S 28	12 34	17 45	5 5	7 19	3 20	7 13	6 5	0 49	3 57	8 3	0 54	22 15	0 51	20 21	0 1	17 50	1 5	13 52	16 46	21 56	22 9	26 1		n.a.	
M29	12 13	21 26	4 45	7 54	3 8	7 29	6 13	0 51	3 56	8 7	0 54	22 13	0 51	20 21	0 1	17 51	1 5	13 52	16 46	21 57	22 9	26 1		n.a.	
T 30	11 52	24 7	4 12	8 32	2 53	7 45	6 22	0 53	3 56	8 12	0 53	22 12	0 51	20 21	0 1	17 51	1 5	13 53	16 46	21 57	22 10	26 0		n.a.	
W31	11n31	25n42	3n29	9n12	2s37	7s59	6s30	0s55	3s55	8s16	0n53	22n11	0n52	20s21	0s 1	17s52	1s 5	13s53	16s47	21s57	22s10	26n 0		n.a.	

Julian Day Number = 1496641.5, Delta T = 05h10m17s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'23, Lahiri = -12°27'22 Julian Calendar 1 Aug. 616 BCE == Greg. Calendar 25 July 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

SEPTEMBER 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 13 17	1♍17'50	21♊51	28°R49	5♎19	6°R32	23♎14	25♋34	29♏33	14°R 4	3°R34	22♑ 1	20♑30	20♊31	n.a.	T 1
F 2	22 17 14	2°17'08	3♋42	27♌44	5°32	6♈23	23°25	25°41	29°34	14♒ 3	3♈34	22° 2	20°27	20°38	n.a.	F 2
S 3	22 21 11	3°16'29	15°39	26°45	5°43	6°14	23°36	25°48	29°35	14° 1	3°33	22° 3	20°24	20°44	n.a.	S 3
S 4	22 25 7	4°15'52	27°46	25°52	5°52	6° 3	23°46	25°54	29°36	14° 0	3°32	22°R 3	20°21	20°51	n.a.	S 4
M 5	22 29 4	5°15'17	10♌ 7	25° 7	5°59	5°52	23°57	26° 0	29°37	13°58	3°31	22° 2	20°18	20°58	n.a.	M 5
T 6	22 33 0	6°14'45	22°44	24°32	6° 4	5°40	24° 8	26° 7	29°38	13°57	3°30	21°58	20°14	21° 4	n.a.	T 6
W 7	22 36 57	7°14'14	5♍38	24° 7	6° 6	5°28	24°19	26°13	29°39	13°55	3°29	21°52	20°11	21°11	n.a.	W 7
T 8	22 40 53	8°13'46	18°49	23°52	6°R 6	5°14	24°31	26°20	29°40	13°54	3°28	21°45	20° 8	21°18	n.a.	T 8
F 9	22 44 50	9°13'20	2♎15	23°D49	6° 4	5° 0	24°42	26°26	29°42	13°52	3°27	21°37	20° 5	21°24	n.a.	F 9
S 10	22 48 46	10°12'56	15°55	23°56	5°59	4°45	24°53	26°32	29°43	13°51	3°26	21°28	20° 2	21°31	n.a.	S 10
S 11	22 52 43	11°12'34	29°45	24°14	5°52	4°29	25° 5	26°38	29°44	13°49	3°25	21°21	19°58	21°38	n.a.	S 11
M12	22 56 39	12°12'14	13♏42	24°42	5°43	4°12	25°16	26°44	29°46	13°48	3°23	21°16	19°55	21°44	n.a.	M12
T 13	23 0 36	13°11'56	27°45	25°19	5°31	3°55	25°28	26°50	29°47	13°47	3°22	21°13	19°52	21°51	n.a.	T 13
W14	23 4 33	14°11'40	11♐51	26° 6	5°16	3°38	25°39	26°56	29°48	13°45	3°21	21°D11	19°49	21°58	n.a.	W14
T 15	23 8 29	15°11'25	25°59	27° 0	5° 0	3°20	25°51	27° 2	29°50	13°44	3°20	21°12	19°46	22° 4	n.a.	T 15
F 16	23 12 26	16°11'13	10♑ 7	28° 1	4°40	3° 1	26° 3	27° 8	29°52	13°42	3°19	21°13	19°43	22°11	n.a.	F 16
S 17	23 16 22	17°11'02	24°15	29° 9	4°19	2°42	26°15	27°14	29°53	13°41	3°18	21°R13	19°39	22°18	n.a.	S 17
S 18	23 20 19	18°10'53	8♒20	0♍22	3°56	2°22	26°27	27°19	29°55	13°40	3°17	21°12	19°36	22°24	n.a.	S 18
M19	23 24 15	19°10'46	22°20	1°39	3°30	2° 2	26°39	27°25	29°56	13°39	3°16	21° 8	19°33	22°31	n.a.	M19
T 20	23 28 12	20°10'40	6♓12	3° 1	3° 3	1°42	26°51	27°31	29°58	13°37	3°15	21° 2	19°30	22°38	n.a.	T 20
W21	23 32 8	21°10'37	19°52	4°27	2°33	1°21	27° 3	27°36	29°59	13°36	3°14	20°53	19°27	22°44	n.a.	W21
T 22	23 36 5	22°10'35	3♈17	5°55	2° 2	1° 0	27°15	27°42	0♗ 2	13°35	3°13	20°42	19°23	22°51	n.a.	T 22
F 23	23 40 2	23°10'36	16°25	7°26	1°30	0°39	27°27	27°47	0° 4	13°34	3°12	20°31	19°20	22°58	n.a.	F 23
S 24	23 43 58	24°10'39	29°14	8°59	0°56	0°18	27°40	27°52	0° 6	13°32	3°10	20°20	19°17	23° 4	n.a.	S 24
S 25	23 47 55	25°10'44	11♉44	10°33	0°22	29♓56	27°52	27°57	0° 8	13°31	3° 9	20°11	19°14	23°11	n.a.	S 25
M26	23 51 51	26°10'51	23°58	12° 9	29♍46	29°35	28° 4	28° 3	0°10	13°30	3° 8	20° 4	19°11	23°18	n.a.	M26
T 27	23 55 48	27°11'01	5♊59	13°45	29°10	29°14	28°17	28° 8	0°12	13°29	3° 7	19°59	19° 8	23°24	n.a.	T 27
W28	23 59 44	28°11'12	17°52	15°23	28°34	28°52	28°29	28°13	0°14	13°28	3° 6	19°57	19° 4	23°31	n.a.	W28
T 29	0 3 41	29°11'26	29°40	17° 1	27°57	28°31	28°42	28°18	0°16	13°27	3° 5	19°D56	19° 1	23°38	n.a.	T 29
F 30	0 7 37	0♎11'42	11♋30	18♍39	27♍21	28♓10	28♎55	28♋22	0♗18	13♒26	3♈ 4	19♑57	18♑58	23♊44	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n10	26n 8	2n37	9n52	2s20	8s13	6s38	0s57	3s54	8s20	0n53	22n10	0n52	20s21	0s 1	17s52	1s 5	13s54	16s47	21s57	22s11	26n 0		n.a.
F 2	10 48	25 21	1 38	10 32	2 1	8 25	6 46	1 0	3 53	8 24	0 53	22 9	0 52	20 21	0 1	17 53	1 5	13 54	16 47	21 56	22 11	25 59		n.a.
S 3	10 27	23 25	0 35	11 11	1 41	8 37	6 54	1 3	3 53	8 28	0 53	22 8	0 52	20 22	0 1	17 53	1 5	13 55	16 47	21 56	22 12	25 59		n.a.
S 4	10 5	20 23	0s31	11 48	1 21	8 48	7 2	1 6	3 52	8 32	0 52	22 7	0 52	20 22	0 1	17 54	1 5	13 55	16 47	21 56	22 12	25 59		n.a.
M 5	9 43	16 25	1 36	12 22	1 1	8 57	7 9	1 9	3 50	8 37	0 52	22 6	0 52	20 22	0 1	17 54	1 5	13 56	16 47	21 56	22 13	25 59		n.a.
T 6	9 21	11 38	2 38	12 53	0 41	9 5	7 16	1 13	3 49	8 41	0 52	22 5	0 52	20 22	0 1	17 54	1 5	13 56	16 47	21 57	22 13	25 58		n.a.
W 7	8 58	6 16	3 33	13 20	0 21	9 12	7 23	1 17	3 48	8 45	0 52	22 3	0 53	20 23	0 1	17 55	1 5	13 57	16 48	21 58	22 14	25 58		n.a.
T 8	8 36	0 32	4 18	13 42	0 3	9 18	7 29	1 21	3 47	8 50	0 52	22 2	0 53	20 23	0 1	17 55	1 5	13 57	16 48	21 59	22 14	25 58		n.a.
F 9	8 13	5s20	4 50	14 0	0n15	9 23	7 35	1 26	3 45	8 54	0 52	22 1	0 53	20 23	0 1	17 56	1 5	13 58	16 48	22 1	22 15	25 57		n.a.
S 10	7 50	11 2	5 6	14 13	0 31	9 26	7 41	1 30	3 44	8 58	0 51	22 0	0 53	20 23	0 1	17 56	1 5	13 58	16 48	22 2	22 15	25 57		n.a.
S 11	7 28	16 15	5 4	14 21	0 46	9 28	7 46	1 35	3 42	9 3	0 51	21 59	0 53	20 24	0 1	17 57	1 5	13 59	16 48	22 3	22 16	25 57		n.a.
M12	7 5	20 41	4 44	14 24	1 0	9 28	7 50	1 40	3 40	9 7	0 51	21 58	0 53	20 24	0 1	17 57	1 5	13 59	16 48	22 4	22 16	25 56		n.a.
T 13	6 41	23 56	4 7	14 23	1 12	9 27	7 54	1 45	3 38	9 11	0 51	21 57	0 53	20 24	0 1	17 57	1 5	14 0	16 48	22 4	22 17	25 56		n.a.
W14	6 18	25 45	3 15	14 17	1 23	9 25	7 58	1 50	3 36	9 16	0 51	21 56	0 54	20 25	0 1	17 58	1 5	14 0	16 48	22 5	22 17	25 56		n.a.
T 15	5 55	25 54	2 11	14 7	1 32	9 21	8 1	1 56	3 34	9 20	0 51	21 55	0 54	20 25	0 1	17 58	1 5	14 1	16 49	22 4	22 18	25 55		n.a.
F 16	5 31	24 22	0 59	13 53	1 40	9 15	8 3	2 1	3 32	9 25	0 50	21 54	0 54	20 25	0 1	17 59	1 5	14 1	16 49	22 4	22 18	25 55		n.a.
S 17	5 8	21 18	0n16	13 35	1 47	9 8	8 5	2 7	3 30	9 29	0 50	21 53	0 54	20 26	0 1	17 59	1 5	14 2	16 49	22 4	22 18	25 55		n.a.
S 18	4 44	16 59	1 30	13 14	1 52	8 59	8 5	2 12	3 27	9 34	0 50	21 52	0 54	20 26	0 1	17 59	1 5	14 2	16 49	22 4	22 19	25 54		n.a.
M19	4 20	11 46	2 39	12 50	1 56	8 49	8 5	2 18	3 25	9 38	0 50	21 51	0 54	20 26	0 1	18 0	1 5	14 3	16 49	22 5	22 19	25 54		n.a.
T 20	3 57	6 1	3 36	12 23	1 59	8 37	8 5	2 24	3 22	9 43	0 50	21 50	0 54	20 27	0 1	18 0	1 5	14 3	16 49	22 6	22 20	25 53		n.a.
W21	3 33	0 5	4 21	11 53	2 1	8 24	8 3	2 30	3 19	9 48	0 50	21 49	0 55	20 27	0 1	18 0	1 5	14 4	16 49	22 7	22 20	25 53		n.a.
T 22	3 9	5n45	4 50	11 22	2 2	8 9	8 1	2 36	3 17	9 52	0 49	21 48	0 55	20 28	0 1	18 1	1 5	14 4	16 49	22 9	22 21	25 53		n.a.
F 23	2 45	11 11	5 3	10 48	2 3	7 53	7 57	2 42	3 14	9 57	0 49	21 47	0 55	20 28	0 1	18 1	1 5	14 5	16 49	22 11	22 21	25 52		n.a.
S 24	2 21	16 0	5 0	10 12	2 2	7 35	7 53	2 47	3 11	10 1	0 49	21 46	0 55	20 28	0 1	18 1	1 5	14 5	16 49	22 12	22 22	25 52		n.a.
S 25	1 56	20 2	4 43	9 35	2 1	7 16	7 48	2 53	3 8	10 6	0 49	21 46	0 55	20 29	0 1	18 2	1 5	14 6	16 49	22 14	22 22	25 51		n.a.
M26	1 32	23 6	4 13	8 56	1 59	6 57	7 42	2 59	3 5	10 11	0 49	21 45	0 55	20 29	0 1	18 2	1 5	14 6	16 49	22 15	22 23	25 51		n.a.
T 27	1 8	25 5	3 32	8 16	1 57	6 36	7 35	3 5	3 1	10 15	0 49	21 44	0 56	20 30	0 1	18 2	1 5	14 7	16 49	22 16	22 23	25 50		n.a.
W28	0 44	25 54	2 42	7 35	1 54	6 14	7 27	3 10	2 58	10 20	0 49	21 43	0 56	20 30	0 1	18 3	1 5	14 7	16 49	22 16	22 24	25 50		n.a.
T 29	0 20	25 32	1 46	6 54	1 51	5 51	7 18	3 16	2 55	10 24	0 48	21 42	0 56	20 31	0 1	18 3	1 5	14 8	16 49	22 16	22 24	25 49		n.a.
F 30	0s 5	24n 1	0n45	6n11	1n47	5s28	7s 8	3s21	2s52	10s29	0n48	21n41	0n56	20s31	0s 1	18s 3	1s 5	14s 8	16s49	22s16	22s24	25n49		n.a.

Julian Day Number = 1496672.5, Delta T = 05h10m16s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'18, Lahiri = -12°27'18 Julian Calendar 1 Sept. 616 BCE == Greg. Calendar 25 Aug. 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

OCTOBER 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 11 34	1♎12'00	23♋27	20♍17	26°R45	27°R49	29♎ 7	28♋27	0♐20	13°R25	3°R 3	19°R57	18♑55	23♊51	n.a.	S 1
S 2	0 15 30	2°12'21	5♌37	21°56	26♍10	27♓28	29°20	28°32	0°23	13♒24	3♈ 1	19♑56	18°52	23°58	n.a.	S 2
M 3	0 19 27	3°12'43	18° 3	23°35	25°36	27° 8	29°33	28°37	0°25	13°23	3° 0	19°52	18°49	24° 4	n.a.	M 3
T 4	0 23 24	4°13'07	0♍50	25°14	25° 2	26°48	29°46	28°41	0°27	13°22	2°59	19°46	18°45	24°11	n.a.	T 4
W 5	0 27 20	5°13'33	13°59	26°52	24°30	26°28	29°59	28°46	0°30	13°21	2°58	19°38	18°42	24°18	n.a.	W 5
T 6	0 31 17	6°14'02	27°31	28°30	24° 0	26° 9	0♏12	28°50	0°32	13°20	2°57	19°27	18°39	24°24	n.a.	T 6
F 7	0 35 13	7°14'32	11♎22	0♎ 9	23°32	25°50	0°25	28°54	0°34	13°20	2°56	19°14	18°36	24°31	n.a.	F 7
S 8	0 39 10	8°15'03	25°30	1°47	23° 5	25°32	0°38	28°58	0°37	13°19	2°55	19° 2	18°33	24°37	n.a.	S 8
S 9	0 43 6	9°15'37	9♏47	3°24	22°40	25°14	0°51	29° 2	0°40	13°18	2°53	18°51	18°29	24°44	n.a.	S 9
M10	0 47 3	10°16'12	24°10	5° 2	22°17	24°57	1° 4	29° 6	0°42	13°17	2°52	18°42	18°26	24°51	n.a.	M10
T 11	0 50 59	11°16'48	8♐31	6°39	21°57	24°40	1°17	29°10	0°45	13°17	2°51	18°36	18°23	24°57	n.a.	T 11
W12	0 54 56	12°17'26	22°48	8°16	21°38	24°25	1°30	29°14	0°47	13°16	2°50	18°33	18°20	25° 4	n.a.	W12
T 13	0 58 53	13°18'05	6♑58	9°52	21°23	24° 9	1°43	29°18	0°50	13°15	2°49	18°32	18°17	25°11	n.a.	T 13
F 14	1 2 49	14°18'46	20°59	11°29	21° 9	23°55	1°57	29°22	0°53	13°15	2°48	18°32	18°14	25°17	n.a.	F 14
S 15	1 6 46	15°19'28	4♒52	13° 5	20°58	23°41	2°10	29°25	0°56	13°14	2°47	18°32	18°10	25°24	n.a.	S 15
S 16	1 10 42	16°20'10	18°36	14°41	20°50	23°28	2°23	29°28	0°58	13°13	2°46	18°29	18° 7	25°31	n.a.	S 16
M17	1 14 39	17°20'54	2♓11	16°16	20°44	23°16	2°36	29°32	1° 1	13°13	2°44	18°24	18° 4	25°37	n.a.	M17
T 18	1 18 35	18°21'40	15°37	17°52	20°40	23° 5	2°50	29°35	1° 4	13°12	2°43	18°16	18° 1	25°44	n.a.	T 18
W19	1 22 32	19°22'26	28°53	19°27	20°D39	22°54	3° 3	29°38	1° 7	13°12	2°42	18° 5	17°58	25°51	n.a.	W19
T 20	1 26 28	20°23'14	11♈57	21° 2	20°40	22°44	3°17	29°41	1°10	13°12	2°41	17°52	17°54	25°57	n.a.	T 20
F 21	1 30 25	21°24'03	24°47	22°36	20°44	22°35	3°30	29°44	1°13	13°11	2°40	17°38	17°51	26° 4	n.a.	F 21
S 22	1 34 22	22°24'54	7♉24	24°11	20°50	22°27	3°44	29°47	1°16	13°11	2°39	17°24	17°48	26°11	n.a.	S 22
S 23	1 38 18	23°25'46	19°47	25°45	20°58	22°20	3°57	29°50	1°19	13°11	2°38	17°12	17°45	26°17	n.a.	S 23
M24	1 42 15	24°26'40	1♊56	27°20	21° 9	22°13	4°11	29°53	1°22	13°10	2°37	17° 2	17°42	26°24	n.a.	M24
T 25	1 46 11	25°27'35	13°54	28°54	21°22	22° 8	4°24	29°55	1°25	13°10	2°36	16°55	17°39	26°31	n.a.	T 25
W26	1 50 8	26°28'31	25°45	0♏28	21°37	22° 3	4°38	29°58	1°28	13°10	2°35	16°51	17°35	26°37	n.a.	W26
T 27	1 54 4	27°29'29	7♋32	2° 2	21°54	21°59	4°51	29°59	1°31	13°10	2°34	16°49	17°32	26°44	n.a.	T 27
F 28	1 58 1	28°30'29	19°20	3°35	22°13	21°55	5° 5	0♌ 2	1°34	13° 9	2°33	16°D49	17°29	26°51	n.a.	F 28
S 29	2 1 57	29°31'29	1♌15	5° 9	22°34	21°53	5°18	0° 4	1°37	13° 9	2°32	16°R49	17°26	26°57	n.a.	S 29
S 30	2 5 54	0♏32'31	13°23	6°43	22°57	21°51	5°32	0° 6	1°41	13° 9	2°31	16°49	17°23	27° 4	n.a.	S 30
M31	2 9 51	1♏33'35	25♌48	8♏17	23♍22	21♓50	5♏45	0♌ 8	1♐44	13♒ 9	2♈30	16♑46	17♑20	27♊11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s29	21n24	0s19	5n28	1n43	5s 4	6s58	3s27	2s48	10s34	0n48	21n40	0n56	20s32	0s 2	18s 3	1s 5	14s 9	16s49	22s16	22s25	25n48		n.a.
S 2	0 53	17 48	1 22	4 44	1 38	4 40	6 47	3 32	2 45	10 39	0 48	21 40	0 56	20 32	0 2	18 4	1 5	14 9	16 49	22 16	22 25	25 48		n.a.
M 3	1 18	13 22	2 23	4 0	1 33	4 16	6 36	3 37	2 41	10 43	0 48	21 39	0 57	20 33	0 2	18 4	1 5	14 10	16 49	22 17	22 26	25 47		n.a.
T 4	1 42	8 14	3 19	3 16	1 28	3 51	6 23	3 42	2 38	10 48	0 48	21 38	0 57	20 33	0 2	18 4	1 5	14 10	16 49	22 17	22 26	25 47		n.a.
W 5	2 6	2 37	4 5	2 32	1 23	3 27	6 10	3 46	2 34	10 53	0 48	21 37	0 57	20 34	0 2	18 4	1 5	14 10	16 49	22 19	22 27	25 46		n.a.
T 6	2 31	3s15	4 39	1 47	1 17	3 2	5 57	3 51	2 30	10 57	0 47	21 37	0 57	20 34	0 2	18 5	1 5	14 11	16 49	22 20	22 27	25 46		n.a.
F 7	2 55	9 7	4 58	1 2	1 11	2 38	5 43	3 55	2 27	11 2	0 47	21 36	0 57	20 35	0 2	18 5	1 5	14 11	16 49	22 22	22 28	25 45		n.a.
S 8	3 19	14 37	4 59	0 17	1 6	2 15	5 29	3 59	2 23	11 7	0 47	21 35	0 57	20 35	0 2	18 5	1 5	14 12	16 49	22 24	22 28	25 45		n.a.
S 9	3 43	19 23	4 41	0s28	1 0	1 52	5 15	4 3	2 19	11 12	0 47	21 34	0 58	20 36	0 2	18 5	1 5	14 12	16 49	22 25	22 28	25 44		n.a.
M10	4 7	23 2	4 6	1 13	0 53	1 29	5 0	4 6	2 15	11 16	0 47	21 34	0 58	20 36	0 2	18 6	1 5	14 12	16 49	22 27	22 29	25 44		n.a.
T 11	4 31	25 14	3 15	1 57	0 47	1 7	4 45	4 9	2 12	11 21	0 47	21 33	0 58	20 37	0 2	18 6	1 5	14 13	16 49	22 27	22 29	25 43		n.a.
W12	4 55	25 46	2 12	2 42	0 41	0 46	4 30	4 12	2 8	11 26	0 47	21 32	0 58	20 37	0 2	18 6	1 5	14 13	16 49	22 28	22 30	25 43		n.a.
T 13	5 19	24 36	1 1	3 26	0 34	0 26	4 15	4 15	2 4	11 30	0 47	21 32	0 58	20 38	0 2	18 6	1 4	14 14	16 49	22 28	22 30	25 42		n.a.
F 14	5 43	21 54	0n13	4 11	0 28	0 7	4 0	4 17	2 0	11 35	0 46	21 31	0 59	20 39	0 2	18 6	1 4	14 14	16 49	22 28	22 31	25 42		n.a.
S 15	6 7	17 56	1 25	4 55	0 21	0n11	3 45	4 19	1 57	11 40	0 46	21 31	0 59	20 39	0 2	18 6	1 4	14 14	16 49	22 28	22 31	25 41		n.a.
S 16	6 31	13 4	2 32	5 38	0 15	0 28	3 30	4 21	1 53	11 45	0 46	21 30	0 59	20 40	0 2	18 6	1 4	14 15	16 48	22 28	22 31	25 40		n.a.
M17	6 54	7 36	3 29	6 22	0 8	0 44	3 16	4 23	1 49	11 49	0 46	21 30	0 59	20 40	0 2	18 7	1 4	14 15	16 48	22 29	22 32	25 40		n.a.
T 18	7 18	1 52	4 13	7 5	0 2	0 59	3 1	4 24	1 46	11 54	0 46	21 29	0 59	20 41	0 2	18 7	1 4	14 15	16 48	22 30	22 32	25 39		n.a.
W19	7 41	3n52	4 43	7 47	0s 5	1 13	2 46	4 25	1 42	11 59	0 46	21 29	0 59	20 42	0 2	18 7	1 4	14 16	16 48	22 32	22 33	25 39		n.a.
T 20	8 4	9 21	4 58	8 30	0 12	1 25	2 32	4 25	1 39	12 4	0 46	21 28	1 0	20 42	0 2	18 7	1 4	14 16	16 48	22 34	22 33	25 38		n.a.
F 21	8 27	14 20	4 58	9 11	0 18	1 37	2 18	4 26	1 35	12 8	0 46	21 28	1 0	20 43	0 2	18 7	1 4	14 16	16 48	22 35	22 34	25 37		n.a.
S 22	8 50	18 36	4 42	9 53	0 24	1 47	2 4	4 26	1 31	12 13	0 46	21 27	1 0	20 43	0 2	18 7	1 4	14 17	16 48	22 37	22 34	25 37		n.a.
S 23	9 13	21 59	4 14	10 34	0 31	1 56	1 51	4 26	1 28	12 18	0 46	21 27	1 0	20 44	0 2	18 7	1 4	14 17	16 48	22 39	22 34	25 36		n.a.
M24	9 36	24 19	3 34	11 14	0 37	2 4	1 38	4 25	1 24	12 22	0 45	21 26	1 0	20 45	0 2	18 7	1 4	14 17	16 47	22 40	22 35	25 36		n.a.
T 25	9 59	25 31	2 45	11 54	0 43	2 10	1 25	4 24	1 21	12 27	0 45	21 26	1 1	20 45	0 2	18 7	1 4	14 17	16 47	22 41	22 35	25 35		n.a.
W26	10 21	25 31	1 49	12 34	0 49	2 16	1 12	4 23	1 18	12 32	0 45	21 26	1 1	20 46	0 2	18 7	1 4	14 18	16 47	22 41	22 36	25 34		n.a.
T 27	10 43	24 22	0 49	13 13	0 55	2 20	1 0	4 22	1 14	12 37	0 45	21 25	1 1	20 47	0 2	18 7	1 4	14 18	16 47	22 42	22 36	25 34		n.a.
F 28	11 5	22 8	0s13	13 51	1 1	2 23	0 48	4 20	1 11	12 41	0 45	21 25	1 1	20 47	0 2	18 7	1 4	14 18	16 47	22 42	22 37	25 33		n.a.
S 29	11 27	18 55	1 16	14 28	1 7	2 26	0 37	4 18	1 8	12 46	0 45	21 25	1 1	20 48	0 2	18 7	1 4	14 18	16 47	22 42	22 37	25 32		n.a.
S 30	11 49	14 52	2 16	15 5	1 13	2 27	0 25	4 16	1 5	12 51	0 45	21 25	1 2	20 49	0 2	18 7	1 4	14 19	16 46	22 42	22 37	25 32		n.a.
M31	12s11	10n 6	3s11	15s42	1s18	2n27	0s14	4s13	1s 1	12s55	0n45	21n24	1n 2	20s49	0s 2	18s 7	1s 4	14s19	16s46	22s42	22s38	25n31		n.a.

Julian Day Number = 1496702.5, Delta T = 05h10m14s
Ecliptic obliquity = 23°46'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'14, Lahiri = -12°27'14 Julian Calendar 1 Oct. 616 BCE == Greg. Calendar 24 Sept. 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

NOVEMBER 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 13 47	2♏34'39	8♍36	9♏50	23♍49	21°D50	5♏59	0♌10	1♐47	13°D 9	2°R29	16°R41	17♑16	27♊17	n.a.	T 1
W 2	2 17 44	3°35'45	21°50	11°24	24°17	21♓51	6°13	0°12	1°50	13♒ 9	2♈28	16♑34	17°13	27°24	n.a.	W 2
T 3	2 21 40	4°36'52	5♎31	12°58	24°47	21°52	6°26	0°14	1°54	13° 9	2°27	16°24	17°10	27°31	n.a.	T 3
F 4	2 25 37	5°38'00	19°38	14°31	25°19	21°55	6°40	0°15	1°57	13° 9	2°26	16°12	17° 7	27°37	n.a.	F 4
S 5	2 29 33	6°39'09	4♏ 6	16° 5	25°52	21°58	6°54	0°16	2° 0	13° 9	2°25	16° 1	17° 4	27°44	n.a.	S 5
S 6	2 33 30	7°40'19	18°50	17°38	26°27	22° 1	7° 7	0°18	2° 4	13°10	2°24	15°50	17° 0	27°51	n.a.	S 6
M 7	2 37 26	8°41'29	3♐39	19°12	27° 3	22° 6	7°21	0°19	2° 7	13°10	2°23	15°42	16°57	27°57	n.a.	M 7
T 8	2 41 23	9°42'41	18°27	20°45	27°40	22°11	7°34	0°20	2°10	13°10	2°22	15°36	16°54	28° 4	n.a.	T 8
W 9	2 45 20	10°43'53	3♑ 6	22°19	28°18	22°17	7°48	0°21	2°14	13°10	2°22	15°34	16°51	28°10	n.a.	W 9
T 10	2 49 16	11°45'05	17°31	23°52	28°58	22°24	8° 2	0°22	2°17	13°11	2°21	15°D33	16°48	28°17	n.a.	T 10
F 11	2 53 13	12°46'18	1♒40	25°25	29°39	22°31	8°15	0°22	2°21	13°11	2°20	15°34	16°45	28°24	n.a.	F 11
S 12	2 57 9	13°47'31	15°32	26°58	0♎22	22°40	8°29	0°23	2°24	13°11	2°19	15°R34	16°41	28°30	n.a.	S 12
S 13	3 1 6	14°48'44	29° 8	28°31	1° 5	22°48	8°43	0°24	2°28	13°12	2°18	15°33	16°38	28°37	n.a.	S 13
M14	3 5 2	15°49'57	12♓28	0♐ 3	1°49	22°58	8°56	0°24	2°31	13°12	2°17	15°30	16°35	28°44	n.a.	M14
T 15	3 8 59	16°51'11	25°35	1°35	2°35	23° 8	9°10	0°24	2°35	13°13	2°17	15°24	16°32	28°50	n.a.	T 15
W16	3 12 55	17°52'24	8♈29	3° 7	3°21	23°19	9°23	0°24	2°38	13°13	2°16	15°16	16°29	28°57	n.a.	W16
T 17	3 16 52	18°53'39	21°12	4°38	4° 8	23°30	9°37	0°R25	2°42	13°14	2°15	15° 6	16°26	29° 4	n.a.	T 17
F 18	3 20 49	19°54'53	3♉43	6° 8	4°57	23°42	9°51	0°25	2°45	13°14	2°14	14°55	16°22	29°10	n.a.	F 18
S 19	3 24 45	20°56'07	16° 4	7°38	5°46	23°54	10° 4	0°24	2°49	13°15	2°14	14°44	16°19	29°17	n.a.	S 19
S 20	3 28 42	21°57'22	28°14	9° 6	6°36	24° 8	10°18	0°24	2°52	13°16	2°13	14°34	16°16	29°24	n.a.	S 20
M21	3 32 38	22°58'37	10♊16	10°33	7°27	24°21	10°31	0°24	2°56	13°16	2°12	14°27	16°13	29°30	n.a.	M21
T 22	3 36 35	23°59'53	22° 9	11°58	8°18	24°35	10°45	0°23	2°59	13°17	2°12	14°22	16°10	29°37	n.a.	T 22
W23	3 40 31	25° 1'09	3♋58	13°21	9°11	24°50	10°58	0°23	3° 3	13°18	2°11	14°19	16° 6	29°44	n.a.	W23
T 24	3 44 28	26° 2'25	15°44	14°42	10° 4	25° 5	11°11	0°22	3° 7	13°18	2°11	14°D18	16° 3	29°50	n.a.	T 24
F 25	3 48 25	27° 3'41	27°32	16° 1	10°58	25°21	11°25	0°21	3°10	13°19	2°10	14°19	16° 0	29°57	n.a.	F 25
S 26	3 52 21	28° 4'58	9♌26	17°16	11°52	25°37	11°38	0°20	3°14	13°20	2° 9	14°20	15°57	0♋ 4	n.a.	S 26
S 27	3 56 18	29° 6'15	21°31	18°28	12°47	25°54	11°52	0°19	3°17	13°21	2° 9	14°22	15°54	0°10	n.a.	S 27
M28	4 0 14	0♐ 7'32	3♍53	19°35	13°43	26°11	12° 5	0°18	3°21	13°22	2° 8	14°R22	15°51	0°17	n.a.	M28
T 29	4 4 11	1° 8'49	16°36	20°37	14°39	26°29	12°18	0°17	3°25	13°23	2° 8	14°21	15°47	0°24	n.a.	T 29
W30	4 8 7	2♐10'07	29♍45	21♐33	15♎36	26♓47	12♏32	0♌15	3♐28	13♒24	2♈ 7	14♑17	15♑44	0♋30	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s32	4n46	3s59	16s17	1s24	2n26	0s 4	4s10	0s58	13s 0	0n45	21n24	1n 2	20s50	0s 2	18s 7	1s 4	14s19	16s46	22s43	22s38	25n30		n.a.
W 2	12 53	0s55	4 35	16 52	1 29	2 24	0n 6	4 7	0 55	13 5	0 45	21 24	1 2	20 51	0 2	18 7	1 4	14 19	16 46	22 44	22 39	25 30		n.a.
T 3	13 14	6 45	4 57	17 26	1 34	2 21	0 16	4 4	0 52	13 9	0 44	21 24	1 2	20 51	0 2	18 7	1 4	14 19	16 46	22 45	22 39	25 29		n.a.
F 4	13 35	12 25	5 2	17 59	1 39	2 17	0 26	4 0	0 49	13 14	0 44	21 24	1 3	20 52	0 2	18 7	1 4	14 20	16 45	22 46	22 39	25 28		n.a.
S 5	13 55	17 33	4 47	18 31	1 43	2 12	0 35	3 57	0 47	13 18	0 44	21 24	1 3	20 53	0 2	18 7	1 4	14 20	16 45	22 48	22 40	25 27		n.a.
S 6	14 16	21 44	4 14	19 3	1 47	2 6	0 44	3 52	0 44	13 23	0 44	21 24	1 3	20 53	0 2	18 7	1 4	14 20	16 45	22 49	22 40	25 27		n.a.
M 7	14 36	24 30	3 23	19 33	1 51	2 0	0 53	3 48	0 41	13 28	0 44	21 23	1 3	20 54	0 2	18 7	1 4	14 20	16 45	22 50	22 41	25 26		n.a.
T 8	14 55	25 34	2 19	20 2	1 55	1 52	1 1	3 43	0 38	13 32	0 44	21 23	1 3	20 55	0 2	18 7	1 4	14 20	16 45	22 51	22 41	25 25		n.a.
W 9	15 15	24 50	1 6	20 31	1 59	1 44	1 9	3 39	0 36	13 37	0 44	21 23	1 4	20 55	0 2	18 7	1 4	14 20	16 44	22 51	22 41	25 25		n.a.
T 10	15 34	22 26	0n11	20 58	2 2	1 35	1 17	3 33	0 33	13 41	0 44	21 23	1 4	20 56	0 2	18 7	1 4	14 21	16 44	22 51	22 42	25 24		n.a.
F 11	15 53	18 41	1 25	21 24	2 5	1 25	1 24	3 28	0 30	13 46	0 44	21 23	1 4	20 57	0 2	18 7	1 4	14 21	16 44	22 51	22 42	25 23		n.a.
S 12	16 12	13 58	2 33	21 49	2 7	1 15	1 31	3 23	0 28	13 50	0 44	21 24	1 4	20 58	0 2	18 6	1 4	14 21	16 44	22 51	22 43	25 22		n.a.
S 13	16 30	8 39	3 31	22 12	2 10	1 4	1 38	3 17	0 25	13 55	0 44	21 24	1 4	20 58	0 2	18 6	1 4	14 21	16 43	22 51	22 43	25 21		n.a.
M14	16 48	3 2	4 16	22 35	2 11	0 52	1 45	3 11	0 23	13 59	0 44	21 24	1 5	20 59	0 2	18 6	1 4	14 21	16 43	22 51	22 43	25 21		n.a.
T 15	17 6	2n36	4 47	22 56	2 13	0 39	1 51	3 5	0 20	14 4	0 44	21 24	1 5	21 0	0 2	18 6	1 4	14 21	16 43	22 52	22 44	25 20		n.a.
W16	17 24	8 2	5 3	23 15	2 13	0 26	1 57	2 58	0 18	14 8	0 44	21 24	1 5	21 0	0 2	18 6	1 4	14 21	16 43	22 53	22 44	25 19		n.a.
T 17	17 41	13 3	5 3	23 33	2 14	0 12	2 2	2 51	0 16	14 12	0 43	21 24	1 5	21 1	0 2	18 6	1 4	14 21	16 42	22 54	22 45	25 18		n.a.
F 18	17 58	17 27	4 49	23 49	2 14	0s 2	2 8	2 45	0 14	14 17	0 43	21 24	1 6	21 2	0 2	18 5	1 4	14 21	16 42	22 55	22 45	25 18		n.a.
S 19	18 14	21 2	4 21	24 4	2 13	0 17	2 13	2 38	0 11	14 21	0 43	21 25	1 6	21 2	0 2	18 5	1 4	14 21	16 42	22 57	22 45	25 17		n.a.
S 20	18 30	23 38	3 42	24 17	2 11	0 33	2 18	2 30	0 9	14 26	0 43	21 25	1 6	21 3	0 2	18 5	1 4	14 21	16 41	22 58	22 46	25 16		n.a.
M21	18 46	25 9	2 53	24 28	2 9	0 49	2 23	2 23	0 7	14 30	0 43	21 25	1 6	21 4	0 2	18 5	1 4	14 21	16 41	22 58	22 46	25 15		n.a.
T 22	19 2	25 28	1 57	24 38	2 7	1 5	2 27	2 15	0 5	14 34	0 43	21 26	1 6	21 5	0 2	18 5	1 3	14 21	16 41	22 59	22 47	25 14		n.a.
W23	19 17	24 38	0 56	24 45	2 3	1 22	2 31	2 8	0 3	14 39	0 43	21 26	1 7	21 5	0 2	18 4	1 3	14 21	16 41	22 59	22 47	25 13		n.a.
T 24	19 32	22 42	0s 8	24 51	1 59	1 40	2 35	2 0	0 1	14 43	0 43	21 26	1 7	21 6	0 2	18 4	1 3	14 21	16 40	22 59	22 47	25 13		n.a.
F 25	19 46	19 47	1 11	24 54	1 54	1 58	2 39	1 52	0n 1	14 47	0 43	21 27	1 7	21 7	0 2	18 4	1 3	14 21	16 40	22 59	22 48	25 12		n.a.
S 26	20 0	16 1	2 12	24 56	1 47	2 16	2 42	1 43	0 3	14 51	0 43	21 27	1 7	21 7	0 2	18 4	1 3	14 21	16 40	22 59	22 48	25 11		n.a.
S 27	20 14	11 34	3 8	24 56	1 40	2 35	2 46	1 35	0 4	14 55	0 43	21 27	1 7	21 8	0 2	18 3	1 3	14 21	16 39	22 59	22 49	25 10		n.a.
M28	20 27	6 33	3 57	24 53	1 32	2 54	2 49	1 26	0 6	15 0	0 43	21 28	1 8	21 9	0 2	18 3	1 3	14 21	16 39	22 59	22 49	25 9		n.a.
T 29	20 40	1 9	4 35	24 49	1 23	3 13	2 51	1 18	0 8	15 4	0 43	21 28	1 8	21 10	0 2	18 3	1 3	14 21	16 39	22 59	22 49	25 8		n.a.
W30	20s53	4s29	5s 1	24s42	1s12	3s33	2n54	1s 9	0n10	15s 8	0n43	21n29	1n 8	21s10	0s 2	18s 2	1s 3	14s21	16s38	23s 0	22s50	25n 7		n.a.

Julian Day Number = 1496733.5, Delta T = 05h10m13s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'10, Lahiri = -12°27'10 Julian Calendar 1 Nov. 616 BCE == Greg. Calendar 25 Oct. 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 616 BCE
geocentric

DECEMBER 616 BCE (-615) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 12 4	3♐11'24	13♎23	22♐23	16♎34	27♓ 6	12♏45	0°R14	3♐32	13♒25	2°R 7	14°R12	15♑41	0♋37	n.a.	T 1
F 2	4 16 0	4°12'42	27°29	23° 5	17°32	27°25	12°58	0♌12	3°35	13°26	2♈ 6	14♑ 6	15°38	0°43	n.a.	F 2
S 3	4 19 57	5°13'59	12♏ 2	23°39	18°30	27°44	13°11	0°11	3°39	13°27	2° 6	14° 0	15°35	0°50	n.a.	S 3
S 4	4 23 54	6°15'17	26°55	24° 3	19°29	28° 4	13°24	0° 9	3°43	13°28	2° 5	13°54	15°32	0°57	n.a.	S 4
M 5	4 27 50	7°16'34	12♐ 2	24°18	20°29	28°25	13°37	0° 7	3°46	13°29	2° 5	13°49	15°28	1° 3	n.a.	M 5
T 6	4 31 47	8°17'51	27°11	24°R21	21°29	28°45	13°51	0° 5	3°50	13°30	2° 5	13°46	15°25	1°10	n.a.	T 6
W 7	4 35 43	9°19'08	12♑13	24°13	22°29	29° 6	14° 4	0° 3	3°53	13°32	2° 4	13°D45	15°22	1°17	n.a.	W 7
T 8	4 39 40	10°20'24	27° 0	23°53	23°30	29°28	14°17	0° 1	3°57	13°33	2° 4	13°46	15°19	1°23	n.a.	T 8
F 9	4 43 36	11°21'39	11♒28	23°22	24°31	29°50	14°29	29♋59	4° 1	13°34	2° 4	13°47	15°16	1°30	n.a.	F 9
S 10	4 47 33	12°22'53	25°33	22°39	25°33	0♈12	14°42	29°56	4° 4	13°35	2° 3	13°49	15°12	1°37	n.a.	S 10
S 11	4 51 30	13°24'06	9♓14	21°45	26°34	0°35	14°55	29°54	4° 8	13°37	2° 3	13°R50	15° 9	1°43	n.a.	S 11
M12	4 55 26	14°25'19	22°33	20°43	27°37	0°58	15° 8	29°51	4°11	13°38	2° 3	13°49	15° 6	1°50	n.a.	M12
T 13	4 59 23	15°26'30	5♈32	19°33	28°39	1°21	15°21	29°48	4°15	13°39	2° 3	13°48	15° 3	1°57	n.a.	T 13
W14	5 3 19	16°27'40	18°14	18°18	29°42	1°44	15°33	29°46	4°18	13°41	2° 2	13°45	15° 0	2° 3	n.a.	W14
T 15	5 7 16	17°28'50	0♉42	17° 0	0♏46	2° 8	15°46	29°43	4°22	13°42	2° 2	13°41	14°57	2°10	n.a.	T 15
F 16	5 11 12	18°29'59	12°58	15°42	1°49	2°32	15°59	29°40	4°25	13°44	2° 2	13°36	14°53	2°17	n.a.	F 16
S 17	5 15 9	19°31'07	25° 4	14°26	2°53	2°57	16°11	29°37	4°29	13°45	2° 2	13°32	14°50	2°23	n.a.	S 17
S 18	5 19 5	20°32'13	7♊ 3	13°14	3°57	3°22	16°24	29°34	4°33	13°47	2° 2	13°28	14°47	2°30	n.a.	S 18
M19	5 23 2	21°33'19	18°56	12° 8	5° 2	3°47	16°36	29°31	4°36	13°48	2° 2	13°25	14°44	2°37	n.a.	M19
T 20	5 26 59	22°34'24	0♋46	11° 9	6° 7	4°12	16°48	29°27	4°40	13°50	2° 2	13°23	14°41	2°43	n.a.	T 20
W21	5 30 55	23°35'29	12°33	10°19	7°12	4°37	17° 1	29°24	4°43	13°51	2° 1	13°D23	14°38	2°50	n.a.	W21
T 22	5 34 52	24°36'32	24°21	9°37	8°17	5° 3	17°13	29°20	4°46	13°53	2° 1	13°23	14°34	2°56	n.a.	T 22
F 23	5 38 48	25°37'34	6♌13	9° 5	9°23	5°29	17°25	29°17	4°50	13°55	2°D 1	13°24	14°31	3° 3	n.a.	F 23
S 24	5 42 45	26°38'36	18°10	8°41	10°28	5°56	17°37	29°13	4°53	13°56	2° 1	13°26	14°28	3°10	n.a.	S 24
S 25	5 46 41	27°39'36	0♍18	8°27	11°34	6°22	17°49	29°10	4°57	13°58	2° 1	13°27	14°25	3°16	n.a.	S 25
M26	5 50 38	28°40'36	12°40	8°D20	12°41	6°49	18° 1	29° 6	5° 0	14° 0	2° 2	13°29	14°22	3°23	n.a.	M26
T 27	5 54 34	29°41'35	25°19	8°22	13°47	7°16	18°13	29° 2	5° 3	14° 1	2° 2	13°R29	14°18	3°30	n.a.	T 27
W28	5 58 31	0♑42'32	8♎22	8°31	14°54	7°43	18°25	28°58	5° 7	14° 3	2° 2	13°29	14°15	3°36	n.a.	W28
T 29	6 2 28	1°43'29	21°49	8°47	16° 1	8°11	18°37	28°54	5°10	14° 5	2° 2	13°28	14°12	3°43	n.a.	T 29
F 30	6 6 24	2°44'25	5♏44	9°10	17° 8	8°39	18°48	28°50	5°13	14° 7	2° 2	13°27	14° 9	3°50	n.a.	F 30
S 31	6 10 21	3♑45'21	20♏ 5	9♐38	18♏15	9♈ 6	19♏ 0	28♋46	5♐17	14♒ 9	2♈ 2	13♑26	14♑ 6	3♋56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21s 5	10s 6	5s10	24s34	1s 1	3s53	2n56	1s 0	0n11	15s12	0n43	21n29	1n 8	21s11	0s 2	18s 2	1s 3	14s21	16s38	23s 0	22s50	25n 7			n.a.
F 2	21 17	15 24	5 2	24 23	0 48	4 14	2 59	0 50	0 13	15 16	0 43	21 30	1 8	21 12	0 2	18 2	1 3	14 21	16 38	23 1	22 50	25 6			n.a.
S 3	21 28	20 0	4 34	24 11	0 34	4 34	3 1	0 41	0 15	15 20	0 43	21 30	1 9	21 12	0 2	18 1	1 3	14 20	16 37	23 1	22 51	25 5			n.a.
S 4	21 39	23 26	3 48	23 57	0 19	4 55	3 2	0 32	0 16	15 24	0 43	21 31	1 9	21 13	0 2	18 1	1 3	14 20	16 37	23 2	22 51	25 4			n.a.
M 5	21 50	25 16	2 44	23 41	0 2	5 16	3 4	0 22	0 18	15 28	0 42	21 32	1 9	21 14	0 2	18 1	1 3	14 20	16 37	23 2	22 52	25 3			n.a.
T 6	22 0	25 14	1 29	23 23	0n15	5 37	3 5	0 12	0 19	15 32	0 42	21 32	1 9	21 14	0 2	18 0	1 3	14 20	16 36	23 3	22 52	25 2			n.a.
W 7	22 9	23 20	0 8	23 5	0 34	5 59	3 7	0 2	0 21	15 36	0 42	21 33	1 9	21 15	0 2	18 0	1 3	14 20	16 36	23 3	22 52	25 1			n.a.
T 8	22 18	19 52	1n12	22 45	0 53	6 21	3 8	0n 8	0 22	15 40	0 42	21 34	1 10	21 16	0 2	18 0	1 3	14 20	16 36	23 3	22 53	25 0			n.a.
F 9	22 27	15 15	2 26	22 24	1 12	6 42	3 9	0 18	0 24	15 44	0 42	21 34	1 10	21 17	0 2	17 59	1 3	14 20	16 35	23 3	22 53	24 59			n.a.
S 10	22 35	9 54	3 29	22 2	1 32	7 4	3 9	0 28	0 25	15 48	0 42	21 35	1 10	21 17	0 2	17 59	1 3	14 19	16 35	23 3	22 53	24 58			n.a.
S 11	22 43	4 14	4 19	21 40	1 51	7 26	3 10	0 38	0 26	15 52	0 42	21 36	1 10	21 18	0 2	17 58	1 3	14 19	16 35	23 2	22 54	24 57			n.a.
M12	22 51	1n28	4 53	21 17	2 10	7 49	3 10	0 49	0 28	15 56	0 42	21 36	1 10	21 19	0 2	17 58	1 3	14 19	16 34	23 2	22 54	24 56			n.a.
T 13	22 58	6 58	5 11	20 55	2 27	8 11	3 11	0 59	0 29	15 59	0 42	21 37	1 11	21 19	0 2	17 58	1 3	14 19	16 34	23 3	22 54	24 55			n.a.
W14	23 4	12 3	5 13	20 33	2 43	8 33	3 11	1 10	0 30	16 3	0 42	21 38	1 11	21 20	0 2	17 57	1 3	14 18	16 34	23 3	22 55	24 55			n.a.
T 15	23 10	16 33	5 0	20 12	2 56	8 55	3 11	1 21	0 32	16 7	0 42	21 39	1 11	21 21	0 2	17 57	1 3	14 18	16 33	23 3	22 55	24 54			n.a.
F 16	23 16	20 17	4 34	19 53	3 8	9 18	3 10	1 31	0 33	16 11	0 42	21 40	1 11	21 21	0 2	17 56	1 3	14 18	16 33	23 4	22 56	24 53			n.a.
S 17	23 21	23 6	3 56	19 35	3 17	9 40	3 10	1 42	0 34	16 14	0 42	21 40	1 11	21 22	0 2	17 56	1 3	14 18	16 33	23 4	22 56	24 52			n.a.
S 18	23 26	24 52	3 7	19 20	3 24	10 2	3 10	1 53	0 35	16 18	0 42	21 41	1 11	21 23	0 2	17 55	1 3	14 17	16 32	23 5	22 56	24 51			n.a.
M19	23 30	25 29	2 11	19 7	3 28	10 25	3 9	2 5	0 36	16 22	0 42	21 42	1 12	21 23	0 2	17 55	1 3	14 17	16 32	23 5	22 57	24 50			n.a.
T 20	23 33	24 55	1 9	18 58	3 30	10 47	3 8	2 16	0 37	16 25	0 42	21 43	1 12	21 24	0 2	17 54	1 3	14 17	16 32	23 5	22 57	24 49			n.a.
W21	23 37	23 15	0 5	18 51	3 30	11 9	3 7	2 27	0 38	16 29	0 42	21 44	1 12	21 25	0 2	17 54	1 3	14 17	16 31	23 5	22 57	24 48			n.a.
T 22	23 39	20 33	1s 0	18 47	3 28	11 32	3 6	2 38	0 40	16 32	0 42	21 45	1 12	21 25	0 2	17 53	1 3	14 16	16 31	23 5	22 58	24 47			n.a.
F 23	23 42	17 0	2 3	18 45	3 24	11 54	3 5	2 50	0 41	16 36	0 42	21 46	1 12	21 26	0 2	17 53	1 3	14 16	16 31	23 5	22 58	24 46			n.a.
S 24	23 44	12 43	3 1	18 47	3 19	12 16	3 4	3 1	0 42	16 39	0 42	21 47	1 13	21 27	0 2	17 52	1 3	14 16	16 30	23 5	22 58	24 45			n.a.
S 25	23 45	7 55	3 52	18 51	3 13	12 38	3 2	3 13	0 43	16 43	0 42	21 48	1 13	21 27	0 2	17 52	1 3	14 15	16 30	23 5	22 59	24 44			n.a.
M26	23 46	2 42	4 33	18 57	3 5	12 59	3 1	3 24	0 44	16 46	0 42	21 48	1 13	21 28	0 2	17 51	1 3	14 15	16 29	23 5	22 59	24 42			n.a.
T 27	23 46	2s43	5 2	19 5	2 57	13 21	2 59	3 36	0 45	16 49	0 42	21 49	1 13	21 28	0 2	17 51	1 3	14 15	16 29	23 5	22 59	24 41			n.a.
W28	23 46	8 11	5 16	19 15	2 49	13 42	2 57	3 48	0 45	16 53	0 42	21 50	1 13	21 29	0 2	17 50	1 3	14 14	16 29	23 5	23 0	24 40			n.a.
T 29	23 46	13 27	5 14	19 27	2 39	14 3	2 56	4 0	0 46	16 56	0 42	21 51	1 13	21 30	0 2	17 50	1 3	14 14	16 28	23 5	23 0	24 39			n.a.
F 30	23 44	18 13	4 54	19 40	2 30	14 24	2 54	4 12	0 47	16 59	0 42	21 52	1 13	21 30	0 2	17 49	1 3	14 13	16 28	23 5	23 0	24 38			n.a.
S 31	23s43	22s 6	4s15	19s54	2n20	14s45	2n52	4n24	0n48	17s 2	0n42	21n53	1n14	21s31	0s 2	17s49	1s 3	14s13	16s28	23s 5	23s 1	24n37			n.a.

Julian Day Number = 1496763.5, Delta T = 05h10m11s
Ecliptic obliquity = 23°46'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'06, Lahiri = -12°27'05 Julian Calendar 1 Dec. 616 BCE == Greg. Calendar 24 Nov. 616 BCE

The year -615 astronomical counting style corresponds to year 616 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

JANUARY 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 14 17	4♉46'15	4♐51	10♐11	19♏22	9♈35	19♏11	28°R42	5♐20	14♒10	2♈ 2	13°R25	14♉ 3	4♋ 3	n.a.	S 1
M 2	6 18 14	5°47'07	19°54	10°50	20°30	10° 3	19°23	28♋38	5°23	14°12	2° 3	13♉24	13°59	4°10	n.a.	M 2
T 3	6 22 10	6°47'59	5♉ 7	11°32	21°38	10°31	19°34	28°34	5°26	14°14	2° 3	13°24	13°56	4°16	n.a.	T 3
W 4	6 26 7	7°48'49	20°20	12°19	22°46	11° 0	19°46	28°29	5°30	14°16	2° 3	13°D24	13°53	4°23	n.a.	W 4
T 5	6 30 4	8°49'38	5♒23	13°10	23°54	11°29	19°57	28°25	5°33	14°18	2° 3	13°24	13°50	4°30	n.a.	T 5
F 6	6 34 0	9°50'25	20° 8	14° 4	25° 2	11°58	20° 8	28°21	5°36	14°20	2° 4	13°24	13°47	4°36	n.a.	F 6
S 7	6 37 57	10°51'10	4♓30	15° 1	26°10	12°27	20°19	28°16	5°39	14°22	2° 4	13°25	13°44	4°43	n.a.	S 7
S 8	6 41 53	11°51'54	18°24	16° 1	27°19	12°57	20°30	28°12	5°42	14°24	2° 4	13°25	13°40	4°50	n.a.	S 8
M 9	6 45 50	12°52'35	1♈52	17° 3	28°27	13°26	20°41	28° 7	5°45	14°26	2° 5	13°25	13°37	4°56	n.a.	M 9
T 10	6 49 46	13°53'15	14°55	18° 8	29°36	13°56	20°51	28° 3	5°48	14°28	2° 5	13°25	13°34	5° 3	n.a.	T 10
W11	6 53 43	14°53'53	27°35	19°16	0♐45	14°26	21° 2	27°58	5°51	14°30	2° 5	13°25	13°31	5° 9	n.a.	W11
T 12	6 57 39	15°54'29	9♉58	20°25	1°54	14°56	21°12	27°53	5°54	14°32	2° 6	13°25	13°28	5°16	n.a.	T 12
F 13	7 1 36	16°55'03	22° 6	21°36	3° 3	15°26	21°23	27°49	5°57	14°34	2° 6	13°25	13°24	5°23	n.a.	F 13
S 14	7 5 33	17°55'35	4♊ 4	22°49	4°12	15°57	21°33	27°44	6° 0	14°36	2° 7	13°26	13°21	5°29	n.a.	S 14
S 15	7 9 29	18°56'05	15°55	24° 4	5°21	16°27	21°44	27°39	6° 3	14°38	2° 7	13°26	13°18	5°36	n.a.	S 15
M16	7 13 26	19°56'34	27°43	25°20	6°31	16°58	21°54	27°35	6° 6	14°40	2° 8	13°27	13°15	5°43	n.a.	M16
T 17	7 17 22	20°57'00	9♋30	26°38	7°40	17°29	22° 4	27°30	6° 9	14°42	2° 8	13°R27	13°12	5°49	n.a.	T 17
W18	7 21 19	21°57'25	21°20	27°57	8°50	17°59	22°14	27°25	6°11	14°44	2° 9	13°27	13° 9	5°56	n.a.	W18
T 19	7 25 15	22°57'48	3♌13	29°18	10° 0	18°31	22°23	27°20	6°14	14°47	2° 9	13°27	13° 5	6° 3	n.a.	T 19
F 20	7 29 12	23°58'09	15°12	0♉40	11° 9	19° 2	22°33	27°16	6°17	14°49	2°10	13°26	13° 2	6° 9	n.a.	F 20
S 21	7 33 8	24°58'28	27°20	2° 3	12°19	19°33	22°43	27°11	6°20	14°51	2°11	13°24	12°59	6°16	n.a.	S 21
S 22	7 37 5	25°58'46	9♍37	3°28	13°29	20° 4	22°52	27° 6	6°22	14°53	2°11	13°22	12°56	6°23	n.a.	S 22
M23	7 41 2	26°59'02	22° 7	4°54	14°39	20°36	23° 2	27° 1	6°25	14°55	2°12	13°20	12°53	6°29	n.a.	M23
T 24	7 44 58	27°59'16	4♎51	6°21	15°50	21° 7	23°11	26°56	6°28	14°57	2°13	13°19	12°50	6°36	n.a.	T 24
W25	7 48 55	28°59'29	17°53	7°49	17° 0	21°39	23°20	26°52	6°30	15° 0	2°13	13°18	12°46	6°43	n.a.	W25
T 26	7 52 51	29°59'39	1♏15	9°18	18°10	22°11	23°29	26°47	6°33	15° 2	2°14	13°D17	12°43	6°49	n.a.	T 26
F 27	7 56 48	0♒59'49	14°58	10°49	19°20	22°43	23°38	26°42	6°35	15° 4	2°15	13°18	12°40	6°56	n.a.	F 27
S 28	8 0 44	1°59'56	29° 3	12°20	20°31	23°15	23°47	26°37	6°37	15° 6	2°15	13°19	12°37	7° 2	n.a.	S 28
S 29	8 4 41	3° 0'02	13♐30	13°53	21°41	23°47	23°55	26°32	6°40	15° 8	2°16	13°20	12°34	7° 9	n.a.	S 29
M30	8 8 37	4° 0'07	28°15	15°27	22°52	24°19	24° 4	26°28	6°42	15°11	2°17	13°21	12°30	7°16	n.a.	M30
T 31	8 12 34	5♒ 0'09	13♉14	17♉ 1	24♐ 3	24♈52	24♏12	26♋23	6♐45	15♒13	2♈18	13°R22	12♉27	7♋22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s41	24s39	3s18	20s 9	2n10	15s 6	2n49	4n36	0n49	17s 6	0n42	21n54	1n14	21s31	0s 2	17s48	1s 3	14s13	16s27	23s 5	23s 1	24n36			n.a.
M 2	23 38	25 29	2 7	20 25	1 59	15 26	2 47	4 48	0 50	17 9	0 42	21 55	1 14	21 32	0 2	17 48	1 3	14 12	16 27	23 5	23 1	24 35			n.a.
T 3	23 36	24 26	0 46	20 41	1 49	15 46	2 45	5 0	0 51	17 12	0 42	21 56	1 14	21 33	0 2	17 47	1 3	14 12	16 27	23 5	23 2	24 34			n.a.
W 4	23 32	21 34	0n39	20 57	1 39	16 6	2 42	5 12	0 51	17 15	0 42	21 58	1 14	21 33	0 2	17 46	1 3	14 11	16 26	23 5	23 2	24 33			n.a.
T 5	23 28	17 15	1 59	21 14	1 28	16 25	2 40	5 24	0 52	17 18	0 42	21 59	1 14	21 34	0 2	17 46	1 3	14 11	16 26	23 5	23 2	24 32			n.a.
F 6	23 24	11 58	3 11	21 31	1 18	16 45	2 37	5 36	0 53	17 21	0 42	22 0	1 15	21 34	0 2	17 45	1 3	14 10	16 25	23 5	23 3	24 31			n.a.
S 7	23 19	6 9	4 8	21 47	1 8	17 3	2 35	5 49	0 54	17 24	0 42	22 1	1 15	21 35	0 2	17 45	1 3	14 10	16 25	23 5	23 3	24 30			n.a.
S 8	23 14	0 14	4 48	22 4	0 58	17 22	2 32	6 1	0 54	17 27	0 42	22 2	1 15	21 36	0 2	17 44	1 3	14 10	16 25	23 5	23 3	24 28			n.a.
M 9	23 8	5n30	5 12	22 20	0 48	17 40	2 29	6 13	0 55	17 30	0 42	22 3	1 15	21 36	0 2	17 43	1 3	14 9	16 24	23 5	23 4	24 27			n.a.
T 10	23 2	10 50	5 18	22 36	0 39	17 58	2 26	6 26	0 56	17 33	0 42	22 4	1 15	21 37	0 2	17 43	1 3	14 9	16 24	23 5	23 4	24 26			n.a.
W11	22 55	15 33	5 8	22 51	0 29	18 15	2 23	6 38	0 57	17 36	0 42	22 5	1 15	21 37	0 2	17 42	1 3	14 8	16 24	23 5	23 4	24 25			n.a.
T 12	22 48	19 30	4 45	23 5	0 20	18 32	2 20	6 50	0 57	17 38	0 42	22 6	1 15	21 38	0 2	17 42	1 3	14 8	16 23	23 5	23 5	24 24			n.a.
F 13	22 41	22 32	4 9	23 19	0 11	18 49	2 17	7 3	0 58	17 41	0 42	22 7	1 15	21 38	0 2	17 41	1 3	14 7	16 23	23 5	23 5	24 23			n.a.
S 14	22 33	24 33	3 22	23 33	0 2	19 5	2 14	7 15	0 58	17 44	0 42	22 8	1 16	21 39	0 2	17 40	1 3	14 7	16 23	23 5	23 5	24 22			n.a.
S 15	22 25	25 27	2 27	23 45	0s 7	19 20	2 11	7 28	0 59	17 47	0 42	22 9	1 16	21 39	0 2	17 40	1 3	14 6	16 22	23 5	23 6	24 20			n.a.
M16	22 16	25 11	1 26	23 57	0 15	19 36	2 8	7 40	1 0	17 49	0 42	22 10	1 16	21 40	0 2	17 39	1 3	14 6	16 22	23 5	23 6	24 19			n.a.
T 17	22 7	23 47	0 22	24 7	0 24	19 51	2 5	7 53	1 0	17 52	0 42	22 11	1 16	21 40	0 2	17 39	1 3	14 5	16 22	23 5	23 6	24 18			n.a.
W18	21 57	21 20	0s44	24 17	0 31	20 5	2 1	8 5	1 1	17 54	0 42	22 12	1 16	21 41	0 2	17 38	1 3	14 5	16 21	23 5	23 7	24 17			n.a.
T 19	21 47	17 58	1 48	24 25	0 39	20 19	1 58	8 18	1 1	17 57	0 42	22 13	1 16	21 41	0 2	17 37	1 3	14 4	16 21	23 5	23 7	24 16			n.a.
F 20	21 37	13 50	2 47	24 33	0 46	20 32	1 55	8 30	1 2	17 59	0 42	22 15	1 16	21 42	0 2	17 37	1 3	14 4	16 21	23 5	23 7	24 15			n.a.
S 21	21 26	9 7	3 40	24 39	0 54	20 45	1 51	8 43	1 3	18 2	0 42	22 16	1 16	21 42	0 3	17 36	1 3	14 3	16 20	23 5	23 8	24 13			n.a.
S 22	21 15	4 0	4 24	24 44	1 0	20 57	1 48	8 55	1 3	18 4	0 42	22 17	1 16	21 43	0 3	17 35	1 3	14 2	16 20	23 5	23 8	24 12			n.a.
M23	21 3	1s20	4 55	24 48	1 7	21 9	1 44	9 8	1 4	18 7	0 42	22 18	1 17	21 43	0 3	17 35	1 3	14 2	16 20	23 5	23 8	24 11			n.a.
T 24	20 51	6 44	5 13	24 50	1 13	21 20	1 41	9 20	1 4	18 9	0 42	22 19	1 17	21 44	0 3	17 34	1 3	14 1	16 19	23 6	23 9	24 10			n.a.
W25	20 39	11 57	5 16	24 51	1 19	21 31	1 37	9 33	1 5	18 11	0 42	22 20	1 17	21 44	0 3	17 33	1 3	14 1	16 19	23 6	23 9	24 8			n.a.
T 26	20 26	16 46	5 1	24 51	1 25	21 41	1 33	9 46	1 5	18 14	0 42	22 21	1 17	21 45	0 3	17 33	1 3	14 0	16 19	23 6	23 9	24 7			n.a.
F 27	20 13	20 50	4 30	24 49	1 30	21 51	1 30	9 58	1 6	18 16	0 42	22 22	1 17	21 45	0 3	17 32	1 3	14 0	16 18	23 6	23 9	24 6			n.a.
S 28	19 59	23 49	3 41	24 46	1 35	22 0	1 26	10 11	1 6	18 18	0 42	22 23	1 17	21 45	0 3	17 31	1 3	13 59	16 18	23 6	23 10	24 5			n.a.
S 29	19 45	25 21	2 38	24 41	1 40	22 8	1 23	10 23	1 7	18 20	0 42	22 24	1 17	21 46	0 3	17 31	1 3	13 58	16 18	23 5	23 10	24 4			n.a.
M30	19 31	25 8	1 23	24 35	1 44	22 16	1 19	10 36	1 7	18 22	0 42	22 25	1 17	21 46	0 3	17 30	1 3	13 58	16 17	23 5	23 10	24 2			n.a.
T 31	19s17	23s 7	0s 1	24s27	1s48	22s23	1n15	10n48	1n 7	18s25	0n42	22n26	1n17	21s47	0s 3	17s29	1s 3	13s57	16s17	23s 5	23s11	24n 1			n.a.

Julian Day Number = 1496794.5, Delta T = 05h10m10s
Ecliptic obliquity = 23°46'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°34'02, Lahiri = -12°27'01 Julian Calendar 1 Jan. 615 BCE == Greg. Calendar 25 Dec. 616 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

FEBRUARY 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 16 31	6♒ 0'10	28♉18	18♉37	25♗13	25♈24	24♏21	26°R18	6♗47	15♒15	2♈19	13°R21	12♉24	7♋29	n.a.	W 1
T 2	8 20 27	7° 0'08	13♒19	20°15	26°24	25°57	24°29	26♋14	6°49	15°17	2°19	13♉20	12°21	7°36	n.a.	T 2
F 3	8 24 24	8° 0'05	28° 8	21°53	27°35	26°30	24°37	26° 9	6°51	15°20	2°20	13°17	12°18	7°42	n.a.	F 3
S 4	8 28 20	8°59'59	12♓38	23°32	28°46	27° 2	24°45	26° 4	6°53	15°22	2°21	13°13	12°15	7°49	n.a.	S 4
S 5	8 32 17	9°59'50	26°43	25°13	29°57	27°35	24°52	26° 0	6°55	15°24	2°22	13° 9	12°11	7°56	n.a.	S 5
M 6	8 36 13	10°59'40	10♈20	26°54	1♉ 8	28° 8	25° 0	25°55	6°57	15°26	2°23	13° 5	12° 8	8° 2	n.a.	M 6
T 7	8 40 10	11°59'27	23°30	28°37	2°19	28°41	25° 7	25°51	6°59	15°29	2°24	13° 3	12° 5	8° 9	n.a.	T 7
W 8	8 44 6	12°59'12	6♉15	0♒21	3°30	29°14	25°15	25°46	7° 1	15°31	2°25	13° 1	12° 2	8°16	n.a.	W 8
T 9	8 48 3	13°58'54	18°39	2° 6	4°41	29°47	25°22	25°42	7° 3	15°33	2°26	13°D 1	11°59	8°22	n.a.	T 9
F 10	8 52 0	14°58'34	0♊47	3°52	5°52	0♉20	25°29	25°37	7° 5	15°36	2°27	13° 2	11°55	8°29	n.a.	F 10
S 11	8 55 56	15°58'12	12°42	5°40	7° 4	0°54	25°36	25°33	7° 7	15°38	2°28	13° 4	11°52	8°35	n.a.	S 11
S 12	8 59 53	16°57'47	24°31	7°29	8°15	1°27	25°42	25°29	7° 9	15°40	2°29	13° 6	11°49	8°42	n.a.	S 12
M13	9 3 49	17°57'20	6♋17	9°19	9°26	2° 1	25°49	25°24	7°11	15°42	2°30	13° 7	11°46	8°49	n.a.	M13
T 14	9 7 46	18°56'51	18° 5	11°10	10°37	2°34	25°55	25°20	7°12	15°45	2°31	13°R 7	11°43	8°55	n.a.	T 14
W15	9 11 42	19°56'19	29°59	13° 2	11°49	3° 8	26° 2	25°16	7°14	15°47	2°32	13° 6	11°40	9° 2	n.a.	W15
T 16	9 15 39	20°55'45	12♌ 0	14°56	13° 0	3°41	26° 8	25°12	7°16	15°49	2°33	13° 2	11°36	9° 9	n.a.	T 16
F 17	9 19 35	21°55'09	24°11	16°51	14°12	4°15	26°14	25° 8	7°17	15°51	2°34	12°57	11°33	9°15	n.a.	F 17
S 18	9 23 32	22°54'30	6♍32	18°47	15°23	4°49	26°20	25° 4	7°19	15°54	2°35	12°51	11°30	9°22	n.a.	S 18
S 19	9 27 28	23°53'50	19° 6	20°44	16°35	5°23	26°25	25° 0	7°20	15°56	2°36	12°43	11°27	9°29	n.a.	S 19
M20	9 31 25	24°53'07	1♎53	22°42	17°46	5°57	26°31	24°56	7°22	15°58	2°37	12°36	11°24	9°35	n.a.	M20
T 21	9 35 22	25°52'22	14°52	24°42	18°58	6°31	26°36	24°52	7°23	16° 0	2°38	12°29	11°21	9°42	n.a.	T 21
W22	9 39 18	26°51'36	28° 4	26°42	20° 9	7° 5	26°41	24°49	7°24	16° 3	2°39	12°24	11°17	9°49	n.a.	W22
T 23	9 43 15	27°50'47	11♏30	28°44	21°21	7°39	26°46	24°45	7°25	16° 5	2°41	12°21	11°14	9°55	n.a.	T 23
F 24	9 47 11	28°49'57	25°11	0♓46	22°33	8°13	26°51	24°41	7°27	16° 7	2°42	12°D19	11°11	10° 2	n.a.	F 24
S 25	9 51 8	29°49'05	9♐ 6	2°48	23°45	8°47	26°56	24°38	7°28	16° 9	2°43	12°20	11° 8	10° 9	n.a.	S 25
S 26	9 55 4	0♓48'11	23°17	4°52	24°56	9°21	27° 0	24°35	7°29	16°12	2°44	12°21	11° 5	10°15	n.a.	S 26
M27	9 59 1	1°47'15	7♉41	6°55	26° 8	9°55	27° 5	24°31	7°30	16°14	2°45	12°R22	11° 1	10°22	n.a.	M27
T 28	10 2 57	2♓46'18	22♉16	8♓59	27♉20	10♉30	27♏ 9	24♋28	7♗31	16♒16	2♈47	12♉21	10♉58	10♋28	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s 2	19s27	1n22	24s18	1s52	22s29	1n12	11n 0	1n 8	18s27	0n42	22n27	1n17	21s47	0s 3	17s29	1s 3	13s57	16s17	23s 5	23s11	24n 0		n.a.
T 2	18 47	14 32	2 38	24 7	1 55	22 35	1 8	11 13	1 8	18 29	0 42	22 28	1 17	21 47	0 3	17 28	1 3	13 56	16 17	23 6	23 11	23 59		n.a.
F 3	18 31	8 49	3 42	23 54	1 58	22 41	1 4	11 25	1 9	18 31	0 42	22 29	1 17	21 48	0 3	17 27	1 3	13 55	16 16	23 6	23 12	23 57		n.a.
S 4	18 15	2 45	4 31	23 39	2 0	22 45	1 1	11 38	1 9	18 32	0 42	22 30	1 18	21 48	0 3	17 27	1 3	13 55	16 16	23 6	23 12	23 56		n.a.
S 5	17 59	3n16	5 1	23 23	2 2	22 49	0 57	11 50	1 9	18 34	0 42	22 31	1 18	21 49	0 3	17 26	1 3	13 54	16 16	23 7	23 12	23 55		n.a.
M 6	17 43	8 57	5 14	23 5	2 4	22 53	0 53	12 2	1 10	18 36	0 42	22 32	1 18	21 49	0 3	17 25	1 3	13 54	16 15	23 7	23 12	23 53		n.a.
T 7	17 26	14 1	5 9	22 46	2 5	22 55	0 50	12 15	1 10	18 38	0 42	22 32	1 18	21 49	0 3	17 25	1 3	13 53	16 15	23 7	23 13	23 52		n.a.
W 8	17 9	18 19	4 49	22 24	2 6	22 57	0 46	12 27	1 11	18 40	0 42	22 33	1 18	21 50	0 3	17 24	1 3	13 52	16 15	23 7	23 13	23 51		n.a.
T 9	16 52	21 42	4 16	22 1	2 6	22 59	0 42	12 39	1 11	18 41	0 42	22 34	1 18	21 50	0 3	17 23	1 3	13 52	16 15	23 7	23 13	23 50		n.a.
F 10	16 34	24 2	3 32	21 35	2 6	23 0	0 39	12 51	1 11	18 43	0 42	22 35	1 18	21 50	0 3	17 23	1 3	13 51	16 14	23 7	23 14	23 48		n.a.
S 11	16 16	25 16	2 39	21 8	2 5	23 0	0 35	13 4	1 12	18 45	0 42	22 36	1 18	21 51	0 3	17 22	1 3	13 50	16 14	23 7	23 14	23 47		n.a.
S 12	15 58	25 19	1 40	20 39	2 4	22 59	0 31	13 16	1 12	18 46	0 42	22 37	1 18	21 51	0 3	17 21	1 3	13 50	16 14	23 7	23 14	23 46		n.a.
M13	15 40	24 14	0 37	20 8	2 3	22 58	0 28	13 28	1 12	18 48	0 42	22 38	1 18	21 51	0 3	17 21	1 3	13 49	16 14	23 7	23 14	23 44		n.a.
T 14	15 21	22 5	0s27	19 36	2 0	22 56	0 24	13 40	1 13	18 49	0 42	22 38	1 18	21 52	0 3	17 20	1 3	13 49	16 13	23 7	23 15	23 43		n.a.
W15	15 2	18 57	1 31	19 1	1 58	22 54	0 21	13 52	1 13	18 51	0 42	22 39	1 18	21 52	0 3	17 19	1 3	13 48	16 13	23 7	23 15	23 42		n.a.
T 16	14 43	15 1	2 31	18 24	1 55	22 50	0 17	14 4	1 13	18 52	0 42	22 40	1 18	21 52	0 3	17 19	1 3	13 47	16 13	23 7	23 15	23 40		n.a.
F 17	14 24	10 26	3 25	17 46	1 51	22 47	0 14	14 16	1 13	18 54	0 42	22 41	1 18	21 52	0 3	17 18	1 3	13 47	16 13	23 8	23 16	23 39		n.a.
S 18	14 4	5 22	4 10	17 5	1 47	22 42	0 10	14 28	1 14	18 55	0 42	22 42	1 18	21 53	0 3	17 17	1 3	13 46	16 12	23 8	23 16	23 38		n.a.
S 19	13 44	0 2	4 44	16 23	1 42	22 37	0 7	14 39	1 14	18 56	0 42	22 42	1 18	21 53	0 3	17 17	1 3	13 45	16 12	23 9	23 16	23 36		n.a.
M20	13 24	5s23	5 4	15 39	1 36	22 31	0 3	14 51	1 14	18 58	0 42	22 43	1 18	21 53	0 3	17 16	1 3	13 45	16 12	23 10	23 16	23 35		n.a.
T 21	13 4	10 40	5 9	14 53	1 30	22 25	0s 0	15 3	1 15	18 59	0 42	22 44	1 18	21 53	0 3	17 15	1 3	13 44	16 12	23 10	23 17	23 33		n.a.
W22	12 44	15 33	4 58	14 6	1 24	22 17	0 3	15 14	1 15	19 0	0 42	22 45	1 18	21 54	0 3	17 15	1 3	13 43	16 11	23 11	23 17	23 32		n.a.
T 23	12 23	19 46	4 30	13 17	1 17	22 10	0 7	15 26	1 15	19 1	0 42	22 45	1 18	21 54	0 3	17 14	1 3	13 43	16 11	23 11	23 17	23 31		n.a.
F 24	12 2	23 0	3 47	12 26	1 9	22 1	0 10	15 37	1 15	19 2	0 42	22 46	1 18	21 54	0 3	17 13	1 3	13 42	16 11	23 11	23 18	23 29		n.a.
S 25	11 41	24 55	2 50	11 33	1 1	21 52	0 13	15 49	1 15	19 3	0 42	22 46	1 18	21 54	0 3	17 13	1 3	13 41	16 11	23 11	23 18	23 28		n.a.
S 26	11 20	25 17	1 41	10 40	0 52	21 42	0 16	16 0	1 16	19 4	0 42	22 47	1 18	21 54	0 3	17 12	1 3	13 41	16 11	23 11	23 18	23 27		n.a.
M27	10 59	23 58	0 25	9 45	0 43	21 32	0 19	16 11	1 16	19 5	0 42	22 48	1 18	21 55	0 3	17 11	1 3	13 40	16 10	23 11	23 18	23 25		n.a.
T 28	10s38	21s 2	0n53	8s49	0s33	21s21	0s23	16n23	1n16	19s 6	0n42	22n48	1n18	21s55	0s 3	17s11	1s 3	13s40	16s10	23s11	23s19	23n24		n.a.

Julian Day Number = 1496825.5, Delta T = 05h10m08s
Ecliptic obliquity = 23°46'12, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'57, Lahiri = -12°26'57 Julian Calendar 1 Feb. 615 BCE == Greg. Calendar 25 Jan. 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

MARCH 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 6 54	3♓45'18	6♒58	11♓ 2	28♑32	11♉ 4	27♏13	24°R25	7♐32	16♒18	2♈48	12°R19	10♑55	10♋35	n.a.	W 1
T 2	10 10 51	4°44'16	21°40	13° 5	29°44	11°39	27°17	24♋22	7°33	16°20	2°49	12♑14	10°52	10°42	n.a.	T 2
F 3	10 14 47	5°43'13	6♓16	15° 7	0♒56	12°13	27°20	24°19	7°34	16°23	2°50	12° 7	10°49	10°48	n.a.	F 3
S 4	10 18 44	6°42'07	20°38	17° 8	2° 8	12°48	27°24	24°16	7°35	16°25	2°51	11°59	10°46	10°55	n.a.	S 4
S 5	10 22 40	7°40'58	4♈41	19° 7	3°20	13°22	27°27	24°13	7°35	16°27	2°53	11°50	10°42	11° 2	n.a.	S 5
M 6	10 26 37	8°39'48	18°19	21° 5	4°31	13°57	27°30	24°10	7°36	16°29	2°54	11°41	10°39	11° 8	n.a.	M 6
T 7	10 30 33	9°38'35	1♉33	23° 0	5°43	14°32	27°33	24° 8	7°37	16°31	2°55	11°33	10°36	11°15	n.a.	T 7
W 8	10 34 30	10°37'20	14°21	24°53	6°55	15° 6	27°36	24° 5	7°37	16°33	2°57	11°28	10°33	11°22	n.a.	W 8
T 9	10 38 26	11°36'03	26°48	26°43	8° 7	15°41	27°38	24° 2	7°38	16°35	2°58	11°25	10°30	11°28	n.a.	T 9
F 10	10 42 23	12°34'43	8♊57	28°29	9°20	16°16	27°41	24° 0	7°38	16°38	2°59	11°D23	10°27	11°35	n.a.	F 10
S 11	10 46 19	13°33'21	20°53	0♈12	10°32	16°51	27°43	23°58	7°39	16°40	3° 0	11°23	10°23	11°42	n.a.	S 11
S 12	10 50 16	14°31'57	2♋43	1°51	11°44	17°26	27°45	23°56	7°39	16°42	3° 2	11°24	10°20	11°48	n.a.	S 12
M13	10 54 13	15°30'30	14°30	3°26	12°56	18° 1	27°47	23°54	7°40	16°44	3° 3	11°R24	10°17	11°55	n.a.	M13
T 14	10 58 9	16°29'02	26°20	4°57	14° 8	18°36	27°49	23°52	7°40	16°46	3° 4	11°23	10°14	12° 1	n.a.	T 14
W15	11 2 6	17°27'30	8♌18	6°23	15°20	19°11	27°50	23°50	7°40	16°48	3° 6	11°20	10°11	12° 8	n.a.	W15
T 16	11 6 2	18°25'57	20°27	7°44	16°32	19°46	27°51	23°48	7°40	16°50	3° 7	11°14	10° 7	12°15	n.a.	T 16
F 17	11 9 59	19°24'21	2♍50	9° 0	17°44	20°21	27°52	23°46	7°41	16°52	3° 8	11° 6	10° 4	12°21	n.a.	F 17
S 18	11 13 55	20°22'44	15°28	10°12	18°57	20°56	27°53	23°44	7°41	16°54	3°10	10°55	10° 1	12°28	n.a.	S 18
S 19	11 17 52	21°21'04	28°22	11°18	20° 9	21°31	27°54	23°43	7°R41	16°56	3°11	10°43	9°58	12°35	n.a.	S 19
M20	11 21 48	22°19'23	11♎30	12°19	21°21	22° 6	27°55	23°42	7°41	16°58	3°12	10°32	9°55	12°41	n.a.	M20
T 21	11 25 45	23°17'39	24°51	13°15	22°33	22°42	27°55	23°40	7°41	17° 0	3°14	10°21	9°52	12°48	n.a.	T 21
W22	11 29 41	24°15'54	8♏23	14° 5	23°45	23°17	27°R55	23°39	7°41	17° 2	3°15	10°12	9°48	12°55	n.a.	W22
T 23	11 33 38	25°14'08	22° 5	14°50	24°58	23°52	27°55	23°38	7°40	17° 3	3°16	10° 6	9°45	13° 1	n.a.	T 23
F 24	11 37 35	26°12'19	5♐56	15°29	26°10	24°27	27°55	23°37	7°40	17° 5	3°18	10° 2	9°42	13° 8	n.a.	F 24
S 25	11 41 31	27°10'29	19°53	16° 3	27°22	25° 3	27°54	23°36	7°40	17° 7	3°19	10° 1	9°39	13°15	n.a.	S 25
S 26	11 45 28	28° 8'38	3♑57	16°31	28°35	25°38	27°54	23°35	7°40	17° 9	3°21	10° 1	9°36	13°21	n.a.	S 26
M27	11 49 24	29° 6'45	18° 8	16°53	29°47	26°14	27°53	23°35	7°39	17°11	3°22	10° 0	9°33	13°28	n.a.	M27
T 28	11 53 21	0♈ 4'51	2♒23	17°10	0♓59	26°49	27°52	23°34	7°39	17°13	3°23	9°59	9°29	13°35	n.a.	T 28
W29	11 57 17	1° 2'55	16°40	17°22	2°12	27°25	27°51	23°34	7°38	17°14	3°25	9°55	9°26	13°41	n.a.	W29
T 30	12 1 14	2° 0'57	0♓57	17°27	3°24	28° 0	27°50	23°33	7°38	17°16	3°26	9°49	9°23	13°48	n.a.	T 30
F 31	12 5 10	2♈58'58	15♓ 9	17°R28	4♓37	28♉36	27♏48	23♋33	7♐37	17♒18	3♈27	9♑40	9♑20	13♋54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	10s16	16s43	2n 9	7s53	0s23	21s 9	0s26	16n34	1n16	19s 7	0n42	22n49	1n18	21s55	0s 3	17s10	1s 3	13s39	16s10	23s11	23s19	23n22			n.a.
T 2	9 54	11 24	3 15	6 55	0 12	20 57	0 29	16 45	1 17	19 8	0 42	22 49	1 18	21 55	0 3	17 9	1 3	13 38	16 10	23 12	23 19	23 21			n.a.
F 3	9 32	5 29	4 9	5 58	0 1	20 44	0 32	16 56	1 17	19 9	0 42	22 50	1 18	21 55	0 3	17 9	1 3	13 38	16 10	23 13	23 19	23 19			n.a.
S 4	9 10	0n36	4 45	5 0	0n10	20 31	0 34	17 7	1 17	19 10	0 42	22 50	1 18	21 55	0 3	17 8	1 3	13 37	16 10	23 13	23 20	23 18			n.a.
S 5	8 48	6 31	5 3	4 2	0 22	20 17	0 37	17 18	1 17	19 11	0 42	22 51	1 18	21 56	0 3	17 7	1 3	13 36	16 9	23 14	23 20	23 17			n.a.
M 6	8 26	11 57	5 4	3 4	0 33	20 3	0 40	17 28	1 17	19 11	0 42	22 51	1 18	21 56	0 3	17 7	1 3	13 36	16 9	23 15	23 20	23 15			n.a.
T 7	8 4	16 39	4 48	2 7	0 45	19 47	0 43	17 39	1 17	19 12	0 42	22 52	1 18	21 56	0 3	17 6	1 3	13 35	16 9	23 16	23 20	23 14			n.a.
W 8	7 41	20 27	4 17	1 11	0 57	19 32	0 45	17 50	1 18	19 13	0 42	22 52	1 18	21 56	0 3	17 6	1 3	13 34	16 9	23 16	23 21	23 12			n.a.
T 9	7 19	23 12	3 35	0 17	1 9	19 15	0 48	18 0	1 18	19 13	0 42	22 53	1 18	21 56	0 3	17 5	1 3	13 34	16 9	23 16	23 21	23 11			n.a.
F 10	6 56	24 48	2 45	0n37	1 20	18 59	0 51	18 11	1 18	19 14	0 42	22 53	1 18	21 56	0 3	17 4	1 3	13 33	16 9	23 16	23 21	23 9			n.a.
S 11	6 33	25 14	1 48	1 29	1 32	18 41	0 53	18 21	1 18	19 14	0 42	22 54	1 18	21 56	0 3	17 4	1 3	13 32	16 9	23 16	23 21	23 8			n.a.
S 12	6 10	24 31	0 46	2 19	1 43	18 24	0 55	18 31	1 18	19 15	0 42	22 54	1 18	21 56	0 3	17 3	1 3	13 32	16 8	23 16	23 22	23 6			n.a.
M13	5 47	22 42	0s17	3 6	1 53	18 5	0 58	18 41	1 18	19 15	0 42	22 54	1 18	21 56	0 3	17 2	1 3	13 31	16 8	23 16	23 22	23 5			n.a.
T 14	5 24	19 53	1 19	3 52	2 3	17 46	1 0	18 51	1 19	19 15	0 42	22 55	1 18	21 56	0 3	17 2	1 3	13 31	16 8	23 16	23 22	23 3			n.a.
W15	5 1	16 13	2 18	4 35	2 13	17 27	1 2	19 1	1 19	19 16	0 42	22 55	1 18	21 57	0 3	17 1	1 3	13 30	16 8	23 17	23 22	23 2			n.a.
T 16	4 38	11 50	3 12	5 16	2 22	17 7	1 5	19 11	1 19	19 16	0 42	22 55	1 18	21 57	0 3	17 1	1 3	13 29	16 8	23 17	23 23	23 0			n.a.
F 17	4 15	6 54	3 58	5 54	2 30	16 47	1 7	19 21	1 19	19 16	0 42	22 55	1 18	21 57	0 3	17 0	1 3	13 29	16 8	23 18	23 23	22 59			n.a.
S 18	3 52	1 37	4 33	6 30	2 37	16 26	1 9	19 30	1 19	19 16	0 42	22 56	1 18	21 57	0 3	16 59	1 3	13 28	16 8	23 19	23 23	22 57			n.a.
S 19	3 29	3s50	4 55	7 2	2 44	16 5	1 11	19 40	1 19	19 17	0 42	22 56	1 18	21 57	0 3	16 59	1 3	13 27	16 8	23 20	23 23	22 56			n.a.
M20	3 5	9 13	5 2	7 32	2 50	15 43	1 13	19 49	1 19	19 17	0 42	22 56	1 18	21 57	0 3	16 58	1 3	13 27	16 8	23 21	23 24	22 54			n.a.
T 21	2 42	14 16	4 52	7 58	2 54	15 21	1 14	19 59	1 19	19 17	0 42	22 56	1 18	21 57	0 3	16 58	1 3	13 26	16 8	23 22	23 24	22 53			n.a.
W22	2 19	18 41	4 27	8 22	2 58	14 59	1 16	20 8	1 19	19 17	0 43	22 57	1 18	21 57	0 3	16 57	1 3	13 26	16 7	23 22	23 24	22 51			n.a.
T 23	1 55	22 10	3 45	8 42	3 1	14 36	1 18	20 17	1 20	19 17	0 43	22 57	1 18	21 57	0 3	16 57	1 3	13 25	16 7	23 23	23 24	22 50			n.a.
F 24	1 32	24 23	2 50	8 59	3 3	14 13	1 19	20 26	1 20	19 17	0 43	22 57	1 18	21 57	0 3	16 56	1 3	13 24	16 7	23 23	23 25	22 48			n.a.
S 25	1 8	25 7	1 45	9 13	3 4	13 49	1 21	20 35	1 20	19 17	0 43	22 57	1 18	21 57	0 3	16 56	1 4	13 24	16 7	23 23	23 25	22 47			n.a.
S 26	0 45	24 15	0 32	9 24	3 3	13 25	1 22	20 43	1 20	19 16	0 43	22 57	1 18	21 57	0 3	16 55	1 4	13 23	16 7	23 23	23 25	22 45			n.a.
M27	0 21	21 49	0n43	9 31	3 2	13 1	1 24	20 52	1 20	19 16	0 43	22 57	1 18	21 57	0 3	16 55	1 4	13 23	16 7	23 23	23 25	22 44			n.a.
T 28	0n 2	18 2	1 56	9 35	2 59	12 36	1 25	21 1	1 20	19 16	0 43	22 57	1 17	21 56	0 3	16 54	1 4	13 22	16 7	23 23	23 26	22 42			n.a.
W29	0 25	13 11	3 1	9 36	2 55	12 11	1 26	21 9	1 20	19 16	0 42	22 57	1 17	21 56	0 3	16 53	1 4	13 21	16 7	23 24	23 26	22 41			n.a.
T 30	0 49	7 38	3 55	9 33	2 50	11 45	1 28	21 17	1 20	19 16	0 42	22 57	1 17	21 56	0 3	16 53	1 4	13 21	16 7	23 24	23 26	22 39			n.a.
F 31	1n12	1s44	4n34	9n27	2n43	11s20	1s29	21n25	1n20	19s15	0n42	22n57	1n17	21s56	0s 3	16s52	1s 4	13s20	16s 7	23s25	23s26	22n37			n.a.

Julian Day Number = 1496853.5, Delta T = 05h10m07s
Ecliptic obliquity = 23°46'12, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'54, Lahiri = -12°26'53 Julian Calendar 1 March 615 BCE == Greg. Calendar 22 Feb. 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

APRIL 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 9 7	3♈56'57	29♓10	17°R24	5♓49	29♉11	27°R46	23°R33	7°R37	17♒20	3♈29	9°R28	9♑17	14♋ 1	n.a.	S 1
S 2	12 13 4	4°54'54	12♈57	17♈14	7° 2	29°47	27♏44	23°D33	7♐36	17°21	3°30	9♑16	9°13	14° 8	n.a.	S 2
M 3	12 17 0	5°52'50	26°24	17° 0	8°14	0♊22	27°42	23♋33	7°36	17°23	3°31	9° 4	9°10	14°14	n.a.	M 3
T 4	12 20 57	6°50'44	9♉31	16°41	9°27	0°58	27°40	23°33	7°35	17°25	3°33	8°54	9° 7	14°21	n.a.	T 4
W 5	12 24 53	7°48'36	22°16	16°19	10°39	1°34	27°38	23°33	7°34	17°26	3°34	8°45	9° 4	14°28	n.a.	W 5
T 6	12 28 50	8°46'27	4♊42	15°53	11°51	2°10	27°35	23°33	7°33	17°28	3°36	8°40	9° 1	14°34	n.a.	T 6
F 7	12 32 46	9°44'15	16°51	15°24	13° 4	2°45	27°32	23°34	7°32	17°29	3°37	8°37	8°58	14°41	n.a.	F 7
S 8	12 36 43	10°42'02	28°48	14°52	14°17	3°21	27°29	23°34	7°31	17°31	3°38	8°36	8°54	14°48	n.a.	S 8
S 9	12 40 39	11°39'47	10♋38	14°18	15°29	3°57	27°26	23°35	7°30	17°32	3°40	8°35	8°51	14°54	n.a.	S 9
M10	12 44 36	12°37'31	22°26	13°43	16°42	4°33	27°23	23°36	7°29	17°34	3°41	8°35	8°48	15° 1	n.a.	M10
T 11	12 48 33	13°35'12	4♌18	13° 8	17°54	5° 9	27°19	23°37	7°28	17°35	3°42	8°34	8°45	15° 8	n.a.	T 11
W12	12 52 29	14°32'52	16°20	12°32	19° 7	5°45	27°15	23°38	7°27	17°37	3°44	8°31	8°42	15°14	n.a.	W12
T 13	12 56 26	15°30'30	28°35	11°57	20°19	6°20	27°12	23°39	7°26	17°38	3°45	8°25	8°38	15°21	n.a.	T 13
F 14	13 0 22	16°28'06	11♍ 6	11°23	21°32	6°56	27° 8	23°40	7°25	17°40	3°46	8°17	8°35	15°27	n.a.	F 14
S 15	13 4 19	17°25'41	23°57	10°50	22°44	7°32	27° 3	23°41	7°24	17°41	3°48	8° 6	8°32	15°34	n.a.	S 15
S 16	13 8 15	18°23'14	7♎ 8	10°20	23°57	8° 8	26°59	23°43	7°22	17°42	3°49	7°54	8°29	15°41	n.a.	S 16
M17	13 12 12	19°20'46	20°37	9°52	25°10	8°44	26°55	23°44	7°21	17°44	3°50	7°42	8°26	15°47	n.a.	M17
T 18	13 16 8	20°18'17	4♏22	9°28	26°22	9°20	26°50	23°46	7°20	17°45	3°52	7°31	8°23	15°54	n.a.	T 18
W19	13 20 5	21°15'47	18°20	9° 7	27°35	9°56	26°45	23°48	7°18	17°46	3°53	7°22	8°19	16° 1	n.a.	W19
T 20	13 24 2	22°13'15	2♐26	8°50	28°48	10°32	26°40	23°49	7°17	17°47	3°54	7°16	8°16	16° 7	n.a.	T 20
F 21	13 27 58	23°10'43	16°36	8°37	0♑ 0	11° 9	26°35	23°51	7°15	17°48	3°56	7°12	8°13	16°14	n.a.	F 21
S 22	13 31 55	24° 8'09	0♑47	8°28	1°13	11°45	26°30	23°53	7°14	17°50	3°57	7°11	8°10	16°21	n.a.	S 22
S 23	13 35 51	25° 5'35	14°57	8°D24	2°26	12°21	26°24	23°55	7°12	17°51	3°58	7°D11	8° 7	16°27	n.a.	S 23
M24	13 39 48	26° 3'00	29° 5	8°24	3°38	12°57	26°19	23°57	7°11	17°52	4° 0	7°R11	8° 4	16°34	n.a.	M24
T 25	13 43 44	27° 0'24	13♒10	8°28	4°51	13°33	26°13	24° 0	7° 9	17°53	4° 1	7°10	8° 0	16°41	n.a.	T 25
W26	13 47 41	27°57'47	27°10	8°37	6° 4	14° 9	26° 7	24° 2	7° 7	17°54	4° 2	7° 7	7°57	16°47	n.a.	W26
T 27	13 51 37	28°55'09	11♓ 4	8°51	7°17	14°46	26° 1	24° 5	7° 6	17°55	4° 3	7° 2	7°54	16°54	n.a.	T 27
F 28	13 55 34	29°52'31	24°51	9° 9	8°30	15°22	25°55	24° 7	7° 4	17°56	4° 5	6°54	7°51	17° 1	n.a.	F 28
S 29	13 59 31	0♉49'52	8♈27	9°31	9°42	15°58	25°49	24°10	7° 2	17°57	4° 6	6°44	7°48	17° 7	n.a.	S 29
S 30	14 3 27	1♉47'11	21♈50	9♈58	10♈55	16♊35	25♏43	24♋13	7♐ 0	17♒58	4♈ 7	6♑33	7♑44	17♋14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n35	4n11	4n56	9n18	2n35	10s53	1s30	21n33	1n20	19s15	0n42	22n57	1n17	21s56	0s 3	16s52	1s 4	13s20	16s 7	23s26	23s26	22n36		n.a.
S 2	1 59	9 46	5 0	9 6	2 26	10 27	1 31	21 41	1 20	19 14	0 42	22 57	1 17	21 56	0 3	16 51	1 4	13 19	16 7	23 26	23 27	22 34		n.a.
M 3	2 22	14 46	4 47	8 52	2 16	10 1	1 32	21 49	1 20	19 14	0 42	22 57	1 17	21 56	0 3	16 51	1 4	13 19	16 7	23 27	23 27	22 33		n.a.
T 4	2 45	18 57	4 19	8 34	2 5	9 34	1 32	21 57	1 20	19 13	0 42	22 57	1 17	21 56	0 3	16 51	1 4	13 18	16 7	23 28	23 27	22 31		n.a.
W 5	3 8	22 7	3 39	8 13	1 52	9 7	1 33	22 4	1 20	19 13	0 42	22 57	1 17	21 56	0 3	16 50	1 4	13 18	16 7	23 29	23 27	22 29		n.a.
T 6	3 31	24 8	2 49	7 51	1 39	8 39	1 34	22 12	1 20	19 12	0 42	22 57	1 17	21 56	0 3	16 50	1 4	13 17	16 7	23 29	23 28	22 28		n.a.
F 7	3 55	24 59	1 53	7 26	1 24	8 12	1 34	22 19	1 21	19 12	0 42	22 57	1 17	21 55	0 3	16 49	1 4	13 16	16 7	23 29	23 28	22 26		n.a.
S 8	4 18	24 38	0 52	7 0	1 9	7 44	1 35	22 26	1 21	19 11	0 42	22 57	1 17	21 55	0 3	16 49	1 4	13 16	16 7	23 29	23 28	22 25		n.a.
S 9	4 40	23 9	0s11	6 32	0 53	7 16	1 35	22 33	1 21	19 10	0 42	22 56	1 17	21 55	0 3	16 48	1 4	13 15	16 7	23 29	23 28	22 23		n.a.
M10	5 3	20 41	1 13	6 3	0 37	6 47	1 36	22 40	1 21	19 10	0 42	22 56	1 17	21 55	0 3	16 48	1 4	13 15	16 7	23 29	23 28	22 21		n.a.
T 11	5 26	17 19	2 12	5 33	0 20	6 19	1 36	22 46	1 21	19 9	0 42	22 56	1 17	21 55	0 3	16 47	1 4	13 14	16 7	23 29	23 29	22 20		n.a.
W12	5 49	13 13	3 6	5 4	0 3	5 50	1 36	22 53	1 21	19 8	0 42	22 56	1 17	21 55	0 3	16 47	1 4	13 14	16 7	23 30	23 29	22 18		n.a.
T 13	6 11	8 30	3 52	4 34	0s14	5 22	1 37	22 59	1 21	19 7	0 42	22 56	1 17	21 55	0 3	16 47	1 4	13 13	16 7	23 30	23 29	22 16		n.a.
F 14	6 34	3 22	4 28	4 5	0 31	4 53	1 37	23 6	1 21	19 6	0 42	22 55	1 17	21 54	0 3	16 46	1 4	13 13	16 7	23 30	23 29	22 15		n.a.
S 15	6 56	2s 2	4 52	3 37	0 48	4 24	1 37	23 12	1 21	19 5	0 42	22 55	1 17	21 54	0 3	16 46	1 4	13 12	16 7	23 31	23 29	22 13		n.a.
S 16	7 18	7 28	5 1	3 10	1 4	3 55	1 37	23 18	1 21	19 4	0 42	22 55	1 17	21 54	0 4	16 45	1 4	13 12	16 7	23 32	23 30	22 12		n.a.
M17	7 40	12 41	4 54	2 44	1 20	3 25	1 36	23 23	1 21	19 3	0 42	22 54	1 16	21 54	0 4	16 45	1 4	13 12	16 7	23 33	23 30	22 10		n.a.
T 18	8 2	17 22	4 29	2 21	1 35	2 56	1 36	23 29	1 21	19 2	0 42	22 54	1 16	21 54	0 4	16 45	1 4	13 11	16 7	23 33	23 30	22 8		n.a.
W19	8 24	21 10	3 48	1 59	1 50	2 26	1 36	23 35	1 21	19 1	0 42	22 54	1 16	21 53	0 4	16 44	1 4	13 11	16 8	23 34	23 30	22 7		n.a.
T 20	8 46	23 46	2 53	1 40	2 3	1 57	1 36	23 40	1 21	19 0	0 42	22 53	1 16	21 53	0 4	16 44	1 5	13 10	16 8	23 34	23 30	22 5		n.a.
F 21	9 8	24 51	1 47	1 23	2 16	1 27	1 35	23 45	1 21	18 59	0 42	22 53	1 16	21 53	0 4	16 44	1 5	13 10	16 8	23 34	23 31	22 3		n.a.
S 22	9 29	24 20	0 34	1 9	2 28	0 57	1 35	23 50	1 21	18 58	0 42	22 53	1 16	21 53	0 4	16 43	1 5	13 9	16 8	23 34	23 31	22 2		n.a.
S 23	9 51	22 14	0n41	0 57	2 38	0 28	1 34	23 55	1 21	18 56	0 42	22 52	1 16	21 52	0 4	16 43	1 5	13 9	16 8	23 34	23 31	22 0		n.a.
M24	10 12	18 46	1 54	0 48	2 48	0n 2	1 34	24 0	1 21	18 55	0 42	22 52	1 16	21 52	0 4	16 43	1 5	13 8	16 8	23 34	23 31	21 58		n.a.
T 25	10 33	14 14	2 59	0 42	2 57	0 32	1 33	24 4	1 21	18 54	0 42	22 51	1 16	21 52	0 4	16 42	1 5	13 8	16 8	23 34	23 31	21 56		n.a.
W26	10 54	8 59	3 53	0 39	3 4	1 2	1 32	24 9	1 21	18 53	0 42	22 51	1 16	21 52	0 4	16 42	1 5	13 8	16 8	23 35	23 32	21 55		n.a.
T 27	11 14	3 19	4 33	0 38	3 11	1 32	1 31	24 13	1 20	18 51	0 42	22 50	1 16	21 51	0 4	16 42	1 5	13 7	16 8	23 35	23 32	21 53		n.a.
F 28	11 35	2n27	4 56	0 40	3 16	2 2	1 31	24 17	1 20	18 50	0 41	22 50	1 16	21 51	0 4	16 42	1 5	13 7	16 8	23 35	23 32	21 51		n.a.
S 29	11 55	8 1	5 3	0 45	3 21	2 32	1 30	24 21	1 20	18 49	0 41	22 49	1 16	21 51	0 4	16 41	1 5	13 6	16 9	23 36	23 32	21 50		n.a.
S 30	12n15	13n 7	4n52	0n52	3s25	3n 1	1s29	24n25	1n20	18s47	0n41	22n49	1n16	21s50	0s 4	16s41	1s 5	13s 6	16s 9	23s36	23s32	21n48		n.a.

Julian Day Number = 1496884.5, Delta T = 05h10m06s
Ecliptic obliquity = 23°46'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'49, Lahiri = -12°26'49 Julian Calendar 1 Apr. 615 BCE == Greg. Calendar 25 March 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

MAY 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 7 24	2♉44'30	4♉57	10♈29	12♈ 8	17♊11	25°R37	24♋15	6°R59	17♒59	4♈ 8	6°R23	7♎41	17♋20	n.a.	M 1
T 2	14 11 20	3°41'49	17°49	11° 4	13°21	17°47	25♏30	24°18	6♐57	18° 0	4°10	6♎13	7°38	17°27	n.a.	T 2
W 3	14 15 17	4°39'06	0♊23	11°43	14°34	18°24	25°23	24°21	6°55	18° 1	4°11	6° 6	7°35	17°34	n.a.	W 3
T 4	14 19 13	5°36'22	12°42	12°26	15°47	19° 0	25°17	24°25	6°53	18° 1	4°12	6° 1	7°32	17°40	n.a.	T 4
F 5	14 23 10	6°33'38	24°48	13°13	17° 0	19°37	25°10	24°28	6°51	18° 2	4°13	5°58	7°29	17°47	n.a.	F 5
S 6	14 27 6	7°30'52	6♋43	14° 4	18°12	20°13	25° 3	24°31	6°49	18° 3	4°14	5°D58	7°25	17°54	n.a.	S 6
S 7	14 31 3	8°28'06	18°32	14°58	19°25	20°50	24°56	24°34	6°47	18° 4	4°16	5°58	7°22	18° 0	n.a.	S 7
M 8	14 35 0	9°25'18	0♌21	15°56	20°38	21°26	24°49	24°38	6°45	18° 4	4°17	5°59	7°19	18° 7	n.a.	M 8
T 9	14 38 56	10°22'30	12°13	16°58	21°51	22° 3	24°42	24°42	6°43	18° 5	4°18	5°R59	7°16	18°14	n.a.	T 9
W10	14 42 53	11°19'41	24°16	18° 3	23° 4	22°39	24°35	24°45	6°41	18° 6	4°19	5°58	7°13	18°20	n.a.	W10
T 11	14 46 49	12°16'51	6♍32	19°11	24°17	23°16	24°27	24°49	6°39	18° 6	4°20	5°55	7° 9	18°27	n.a.	T 11
F 12	14 50 46	13°13'59	19° 8	20°23	25°30	23°52	24°20	24°53	6°36	18° 7	4°21	5°51	7° 6	18°34	n.a.	F 12
S 13	14 54 42	14°11'08	2♎ 5	21°38	26°43	24°29	24°12	24°57	6°34	18° 7	4°22	5°44	7° 3	18°40	n.a.	S 13
S 14	14 58 39	15° 8'15	15°26	22°56	27°56	25° 6	24° 5	25° 1	6°32	18° 8	4°23	5°36	7° 0	18°47	n.a.	S 14
M15	15 2 35	16° 5'22	29°10	24°18	29° 9	25°42	23°58	25° 5	6°30	18° 8	4°25	5°28	6°57	18°54	n.a.	M15
T 16	15 6 32	17° 2'28	13♏15	25°43	0♉22	26°19	23°50	25° 9	6°28	18° 9	4°26	5°21	6°54	19° 0	n.a.	T 16
W17	15 10 29	17°59'34	27°35	27°11	1°35	26°56	23°42	25°13	6°25	18° 9	4°27	5°15	6°50	19° 7	n.a.	W17
T 18	15 14 25	18°56'40	12♐ 6	28°42	2°48	27°33	23°35	25°18	6°23	18° 9	4°28	5°11	6°47	19°13	n.a.	T 18
F 19	15 18 22	19°53'46	26°40	0♉16	4° 1	28° 9	23°27	25°22	6°21	18°10	4°29	5° 9	6°44	19°20	n.a.	F 19
S 20	15 22 18	20°50'51	11♑13	1°53	5°14	28°46	23°20	25°26	6°19	18°10	4°30	5°D 9	6°41	19°27	n.a.	S 20
S 21	15 26 15	21°47'57	25°40	3°33	6°28	29°23	23°12	25°31	6°16	18°10	4°31	5°10	6°38	19°33	n.a.	S 21
M22	15 30 11	22°45'02	9♒57	5°16	7°41	29°59	23° 4	25°36	6°14	18°11	4°32	5°11	6°35	19°40	n.a.	M22
T 23	15 34 8	23°42'08	24° 3	7° 2	8°54	0♋37	22°57	25°40	6°12	18°11	4°33	5°R11	6°31	19°47	n.a.	T 23
W24	15 38 5	24°39'13	7♓56	8°51	10° 7	1°14	22°49	25°45	6° 9	18°11	4°34	5°11	6°28	19°53	n.a.	W24
T 25	15 42 1	25°36'19	21°36	10°43	11°20	1°50	22°41	25°50	6° 7	18°11	4°35	5° 8	6°25	20° 0	n.a.	T 25
F 26	15 45 58	26°33'25	5♈ 3	12°37	12°34	2°27	22°34	25°55	6° 4	18°11	4°35	5° 4	6°22	20° 7	n.a.	F 26
S 27	15 49 54	27°30'31	18°16	14°34	13°47	3° 4	22°26	26° 0	6° 2	18°11	4°36	4°59	6°19	20°13	n.a.	S 27
S 28	15 53 51	28°27'37	1♉16	16°33	15° 0	3°41	22°18	26° 5	6° 0	18°11	4°37	4°53	6°15	20°20	n.a.	S 28
M29	15 57 47	29°24'44	14° 2	18°35	16°13	4°18	22°11	26°10	5°57	18°R11	4°38	4°47	6°12	20°27	n.a.	M29
T 30	16 1 44	0♊21'50	26°35	20°38	17°27	4°55	22° 3	26°15	5°55	18°11	4°39	4°41	6° 9	20°33	n.a.	T 30
W31	16 5 40	1♊18'57	8♊55	22♉43	18♉40	5♋32	21♏56	26♋20	5♐52	18♒11	4♈40	4♎38	6♎ 6	20♋40	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n35	17n32	4n27	1n 2	3s27	3n31	1s28	24n28	1n20	18s46	0n41	22n48	1n16	21s50	0s 4	16s41	1s 5	13s 6	16s 9	23s37	23s33	21n46		n.a.
T 2	12 55	21 1	3 48	1 14	3 29	4 1	1 26	24 32	1 20	18 44	0 41	22 48	1 16	21 50	0 4	16 41	1 5	13 5	16 9	23 37	23 33	21 44		n.a.
W 3	13 15	23 25	2 58	1 29	3 30	4 31	1 25	24 35	1 20	18 43	0 41	22 47	1 16	21 49	0 4	16 40	1 5	13 5	16 9	23 38	23 33	21 43		n.a.
T 4	13 34	24 38	2 1	1 46	3 30	5 0	1 24	24 38	1 20	18 41	0 41	22 46	1 16	21 49	0 4	16 40	1 5	13 5	16 9	23 38	23 33	21 41		n.a.
F 5	13 54	24 39	1 0	2 5	3 29	5 30	1 23	24 41	1 20	18 40	0 41	22 46	1 16	21 49	0 4	16 40	1 5	13 4	16 9	23 38	23 33	21 39		n.a.
S 6	14 12	23 32	0s 4	2 27	3 27	5 59	1 21	24 44	1 20	18 38	0 41	22 45	1 16	21 49	0 4	16 40	1 5	13 4	16 10	23 38	23 34	21 38		n.a.
S 7	14 31	21 22	1 7	2 51	3 24	6 28	1 20	24 47	1 20	18 36	0 41	22 44	1 15	21 48	0 4	16 40	1 5	13 4	16 10	23 38	23 34	21 36		n.a.
M 8	14 50	18 17	2 7	3 16	3 21	6 57	1 19	24 49	1 20	18 35	0 41	22 44	1 15	21 48	0 4	16 39	1 5	13 3	16 10	23 38	23 34	21 34		n.a.
T 9	15 8	14 27	3 2	3 44	3 17	7 26	1 17	24 51	1 20	18 33	0 40	22 43	1 15	21 47	0 4	16 39	1 5	13 3	16 10	23 38	23 34	21 32		n.a.
W10	15 26	10 0	3 50	4 13	3 12	7 55	1 16	24 53	1 20	18 31	0 40	22 42	1 15	21 47	0 4	16 39	1 5	13 3	16 10	23 38	23 34	21 30		n.a.
T 11	15 44	5 5	4 28	4 44	3 7	8 24	1 14	24 55	1 20	18 30	0 40	22 42	1 15	21 47	0 4	16 39	1 5	13 2	16 10	23 38	23 34	21 29		n.a.
F 12	16 2	0s 9	4 54	5 17	3 1	8 52	1 12	24 57	1 20	18 28	0 40	22 41	1 15	21 46	0 4	16 39	1 6	13 2	16 11	23 38	23 35	21 27		n.a.
S 13	16 19	5 31	5 7	5 52	2 54	9 21	1 11	24 59	1 20	18 26	0 40	22 40	1 15	21 46	0 4	16 39	1 6	13 2	16 11	23 39	23 35	21 25		n.a.
S 14	16 36	10 48	5 3	6 28	2 47	9 49	1 9	25 0	1 19	18 24	0 40	22 39	1 15	21 46	0 4	16 39	1 6	13 2	16 11	23 39	23 35	21 23		n.a.
M15	16 53	15 42	4 42	7 5	2 39	10 17	1 7	25 1	1 19	18 23	0 40	22 39	1 15	21 45	0 4	16 39	1 6	13 1	16 11	23 39	23 35	21 22		n.a.
T 16	17 9	19 53	4 3	7 44	2 31	10 44	1 5	25 2	1 19	18 21	0 40	22 38	1 15	21 45	0 4	16 38	1 6	13 1	16 11	23 40	23 35	21 20		n.a.
W17	17 26	22 57	3 9	8 24	2 22	11 12	1 3	25 3	1 19	18 19	0 40	22 37	1 15	21 45	0 4	16 38	1 6	13 1	16 12	23 40	23 35	21 18		n.a.
T 18	17 42	24 33	2 1	9 6	2 13	11 39	1 1	25 4	1 19	18 17	0 39	22 36	1 15	21 44	0 4	16 38	1 6	13 1	16 12	23 40	23 36	21 16		n.a.
F 19	17 57	24 29	0 46	9 48	2 3	12 6	0 59	25 4	1 19	18 16	0 39	22 35	1 15	21 44	0 4	16 38	1 6	13 1	16 12	23 40	23 36	21 14		n.a.
S 20	18 13	22 45	0n33	10 32	1 53	12 33	0 57	25 5	1 19	18 14	0 39	22 34	1 15	21 43	0 4	16 38	1 6	13 0	16 12	23 40	23 36	21 13		n.a.
S 21	18 28	19 31	1 49	11 16	1 42	12 59	0 55	25 5	1 19	18 12	0 39	22 33	1 15	21 43	0 4	16 38	1 6	13 0	16 12	23 40	23 36	21 11		n.a.
M22	18 43	15 9	2 57	12 1	1 31	13 25	0 53	25 5	1 19	18 10	0 39	22 33	1 15	21 43	0 4	16 38	1 6	13 0	16 13	23 40	23 36	21 9		n.a.
T 23	18 57	10 0	3 54	12 47	1 20	13 51	0 51	25 5	1 19	18 8	0 39	22 32	1 15	21 42	0 4	16 38	1 6	13 0	16 13	23 40	23 36	21 7		n.a.
W24	19 12	4 27	4 36	13 33	1 9	14 17	0 49	25 4	1 18	18 7	0 39	22 31	1 15	21 42	0 4	16 38	1 6	13 0	16 13	23 40	23 37	21 5		n.a.
T 25	19 26	1n14	5 2	14 20	0 58	14 42	0 47	25 4	1 18	18 5	0 38	22 30	1 15	21 41	0 4	16 38	1 6	12 59	16 13	23 40	23 37	21 3		n.a.
F 26	19 39	6 46	5 11	15 6	0 46	15 7	0 45	25 3	1 18	18 3	0 38	22 29	1 15	21 41	0 4	16 38	1 6	12 59	16 14	23 40	23 37	21 2		n.a.
S 27	19 52	11 54	5 2	15 53	0 35	15 31	0 43	25 2	1 18	18 1	0 38	22 28	1 15	21 41	0 4	16 38	1 6	12 59	16 14	23 40	23 37	21 0		n.a.
S 28	20 5	16 25	4 39	16 39	0 23	15 55	0 40	25 1	1 18	17 59	0 38	22 27	1 15	21 40	0 4	16 38	1 6	12 59	16 14	23 41	23 37	20 58		n.a.
M29	20 18	20 6	4 1	17 24	0 12	16 19	0 38	25 0	1 18	17 57	0 38	22 26	1 15	21 40	0 4	16 38	1 6	12 59	16 14	23 41	23 37	20 56		n.a.
T 30	20 30	22 47	3 13	18 9	0 1	16 42	0 36	24 58	1 18	17 56	0 38	22 25	1 15	21 39	0 4	16 38	1 6	12 59	16 15	23 41	23 37	20 54		n.a.
W31	20n42	24n19	2n16	18n52	0n10	17n 5	0s34	24n57	1n18	17s54	0n37	22n24	1n15	21s39	0s 4	16s38	1s 6	12s59	16s15	23s41	23s38	20n52		n.a.

Julian Day Number = 1496914.5, Delta T = 05h10m04s
Ecliptic obliquity = 23°46'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'45, Lahiri = -12°26'45 Julian Calendar 1 May 615 BCE == Greg. Calendar 24 Apr. 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

JUNE 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 9 37	2♊16'04	21♊ 3	24♉50	19♉53	6♋10	21°R48	26♋26	5°R50	18°R11	4♈41	4°R35	6♎ 3	20♋47	n.a.	T 1
F 2	16 13 34	3°13'10	3♋ 2	26°58	21° 7	6°47	21♏41	26°31	5♐48	18♒11	4°41	4°D34	6° 0	20°53	n.a.	F 2
S 3	16 17 30	4°10'17	14°54	29° 6	22°20	7°24	21°33	26°37	5°45	18°11	4°42	4♎35	5°56	21° 0	n.a.	S 3
S 4	16 21 27	5° 7'24	26°42	1♊15	23°34	8° 1	21°26	26°42	5°43	18°11	4°43	4°36	5°53	21° 7	n.a.	S 4
M 5	16 25 23	6° 4'31	8♌30	3°25	24°47	8°38	21°19	26°48	5°40	18°10	4°44	4°38	5°50	21°13	n.a.	M 5
T 6	16 29 20	7° 1'38	20°22	5°35	26° 1	9°15	21°12	26°53	5°38	18°10	4°45	4°39	5°47	21°20	n.a.	T 6
W 7	16 33 16	7°58'45	2♍24	7°44	27°14	9°53	21° 5	26°59	5°35	18°10	4°45	4°R40	5°44	21°27	n.a.	W 7
T 8	16 37 13	8°55'52	14°39	9°53	28°27	10°30	20°58	27° 5	5°33	18°10	4°46	4°40	5°41	21°33	n.a.	T 8
F 9	16 41 9	9°52'59	27°14	12° 1	29°41	11° 7	20°51	27°11	5°31	18° 9	4°47	4°39	5°37	21°40	n.a.	F 9
S 10	16 45 6	10°50'06	10♎11	14° 8	0♊55	11°44	20°44	27°17	5°28	18° 9	4°47	4°37	5°34	21°46	n.a.	S 10
S 11	16 49 3	11°47'14	23°33	16°15	2° 8	12°22	20°37	27°23	5°26	18° 8	4°48	4°34	5°31	21°53	n.a.	S 11
M12	16 52 59	12°44'21	7♏21	18°20	3°22	12°59	20°31	27°29	5°23	18° 8	4°49	4°31	5°28	22° 0	n.a.	M12
T 13	16 56 56	13°41'29	21°34	20°23	4°35	13°37	20°24	27°35	5°21	18° 8	4°49	4°28	5°25	22° 6	n.a.	T 13
W14	17 0 52	14°38'38	6♐ 9	22°25	5°49	14°14	20°18	27°41	5°19	18° 7	4°50	4°26	5°21	22°13	n.a.	W14
T 15	17 4 49	15°35'47	20°58	24°26	7° 2	14°51	20°11	27°47	5°16	18° 7	4°50	4°25	5°18	22°20	n.a.	T 15
F 16	17 8 45	16°32'57	5♑54	26°25	8°16	15°29	20° 5	27°53	5°14	18° 6	4°51	4°D25	5°15	22°26	n.a.	F 16
S 17	17 12 42	17°30'08	20°50	28°22	9°30	16° 6	19°59	27°59	5°12	18° 5	4°51	4°25	5°12	22°33	n.a.	S 17
S 18	17 16 39	18°27'19	5♒38	0♋18	10°43	16°44	19°53	28° 6	5° 9	18° 5	4°52	4°26	5° 9	22°40	n.a.	S 18
M19	17 20 35	19°24'31	20°13	2°12	11°57	17°21	19°47	28°12	5° 7	18° 4	4°52	4°27	5° 6	22°46	n.a.	M19
T 20	17 24 32	20°21'44	4♓29	4° 4	13°11	17°59	19°42	28°18	5° 5	18° 3	4°53	4°28	5° 2	22°53	n.a.	T 20
W21	17 28 28	21°18'59	18°25	5°55	14°25	18°37	19°36	28°25	5° 2	18° 3	4°53	4°R28	4°59	23° 0	n.a.	W21
T 22	17 32 25	22°16'14	2♈ 1	7°44	15°38	19°14	19°31	28°31	5° 0	18° 2	4°54	4°28	4°56	23° 6	n.a.	T 22
F 23	17 36 21	23°13'30	15°17	9°31	16°52	19°52	19°26	28°38	4°58	18° 1	4°54	4°28	4°53	23°13	n.a.	F 23
S 24	17 40 18	24°10'48	28°15	11°16	18° 6	20°29	19°20	28°45	4°55	18° 0	4°55	4°26	4°50	23°20	n.a.	S 24
S 25	17 44 14	25° 8'07	10♉57	13° 0	19°20	21° 7	19°15	28°51	4°53	18° 0	4°55	4°25	4°47	23°26	n.a.	S 25
M26	17 48 11	26° 5'27	23°25	14°42	20°34	21°45	19°11	28°58	4°51	17°59	4°55	4°24	4°43	23°33	n.a.	M26
T 27	17 52 8	27° 2'48	5♊41	16°22	21°48	22°23	19° 6	29° 5	4°49	17°58	4°56	4°23	4°40	23°40	n.a.	T 27
W28	17 56 4	28° 0'10	17°48	18° 1	23° 2	23° 1	19° 1	29°11	4°47	17°57	4°56	4°23	4°37	23°46	n.a.	W28
T 29	18 0 1	28°57'33	29°46	19°38	24°16	23°38	18°57	29°18	4°44	17°56	4°56	4°D22	4°34	23°53	n.a.	T 29
F 30	18 3 57	29♊54'57	11♋38	21♋13	25♊30	24♋16	18♏53	29♋25	4♐42	17♒55	4♈57	4♎22	4♎31	24♋ 0	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n54	24n41	1n13	19n35	0n21	17n27	0s31	24n55	1n18	17s52	0n37	22n23	1n15	21s39	0s 4	16s38	1s 6	12s59	16s15	23s41	23s38	20n51		n.a.
F 2	21 5	23 52	0 8	20 15	0 31	17 49	0 29	24 53	1 17	17 50	0 37	22 22	1 15	21 38	0 4	16 39	1 7	12 59	16 15	23 41	23 38	20 49		n.a.
S 3	21 16	21 59	0s56	20 54	0 41	18 11	0 27	24 51	1 17	17 49	0 37	22 20	1 15	21 38	0 4	16 39	1 7	12 59	16 16	23 41	23 38	20 47		n.a.
S 4	21 27	19 10	1 59	21 31	0 50	18 32	0 24	24 48	1 17	17 47	0 37	22 19	1 15	21 37	0 4	16 39	1 7	12 58	16 16	23 41	23 38	20 45		n.a.
M 5	21 37	15 34	2 56	22 6	0 59	18 52	0 22	24 46	1 17	17 45	0 37	22 18	1 15	21 37	0 4	16 39	1 7	12 58	16 16	23 41	23 38	20 43		n.a.
T 6	21 47	11 20	3 46	22 38	1 7	19 12	0 19	24 43	1 17	17 43	0 36	22 17	1 14	21 36	0 4	16 39	1 7	12 58	16 17	23 41	23 38	20 41		n.a.
W 7	21 56	6 37	4 26	23 8	1 15	19 32	0 17	24 40	1 17	17 42	0 36	22 16	1 14	21 36	0 4	16 39	1 7	12 58	16 17	23 41	23 39	20 39		n.a.
T 8	22 6	1 35	4 56	23 35	1 22	19 51	0 15	24 37	1 17	17 40	0 36	22 15	1 14	21 36	0 4	16 39	1 7	12 58	16 17	23 41	23 39	20 37		n.a.
F 9	22 14	3s39	5 12	24 0	1 28	20 10	0 12	24 34	1 16	17 38	0 36	22 14	1 14	21 35	0 4	16 39	1 7	12 58	16 17	23 41	23 39	20 36		n.a.
S 10	22 23	8 52	5 13	24 22	1 34	20 28	0 10	24 30	1 16	17 37	0 36	22 12	1 14	21 35	0 4	16 40	1 7	12 58	16 18	23 41	23 39	20 34		n.a.
S 11	22 31	13 52	4 58	24 41	1 38	20 45	0 7	24 27	1 16	17 35	0 35	22 11	1 14	21 34	0 4	16 40	1 7	12 58	16 18	23 41	23 39	20 32		n.a.
M12	22 38	18 19	4 25	24 57	1 42	21 2	0 5	24 23	1 16	17 33	0 35	22 10	1 14	21 34	0 4	16 40	1 7	12 58	16 18	23 41	23 39	20 30		n.a.
T 13	22 45	21 52	3 35	25 11	1 46	21 18	0 3	24 19	1 16	17 32	0 35	22 9	1 14	21 33	0 4	16 40	1 7	12 58	16 19	23 42	23 39	20 28		n.a.
W14	22 52	24 5	2 30	25 21	1 49	21 34	0 0	24 15	1 16	17 30	0 35	22 8	1 14	21 33	0 4	16 40	1 7	12 58	16 19	23 42	23 40	20 26		n.a.
T 15	22 59	24 41	1 14	25 29	1 51	21 49	0n 2	24 11	1 15	17 29	0 35	22 6	1 14	21 33	0 4	16 40	1 7	12 58	16 19	23 42	23 40	20 24		n.a.
F 16	23 5	23 30	0n 8	25 35	1 52	22 4	0 5	24 6	1 15	17 27	0 35	22 5	1 14	21 32	0 4	16 41	1 7	12 59	16 19	23 42	23 40	20 22		n.a.
S 17	23 10	20 39	1 30	25 38	1 53	22 18	0 7	24 1	1 15	17 26	0 34	22 4	1 14	21 32	0 4	16 41	1 7	12 59	16 20	23 42	23 40	20 20		n.a.
S 18	23 16	16 28	2 44	25 39	1 53	22 31	0 9	23 57	1 15	17 24	0 34	22 2	1 14	21 31	0 4	16 41	1 7	12 59	16 20	23 42	23 40	20 18		n.a.
M19	23 20	11 21	3 47	25 37	1 52	22 44	0 12	23 52	1 15	17 23	0 34	22 1	1 14	21 31	0 4	16 41	1 7	12 59	16 20	23 42	23 40	20 16		n.a.
T 20	23 25	5 45	4 35	25 33	1 51	22 56	0 14	23 46	1 15	17 22	0 34	22 0	1 14	21 31	0 4	16 42	1 7	12 59	16 21	23 42	23 40	20 14		n.a.
W21	23 29	0n 1	5 5	25 27	1 49	23 7	0 16	23 41	1 14	17 20	0 34	21 59	1 14	21 30	0 4	16 42	1 7	12 59	16 21	23 42	23 40	20 12		n.a.
T 22	23 32	5 38	5 17	25 19	1 47	23 18	0 19	23 35	1 14	17 19	0 33	21 57	1 14	21 30	0 4	16 42	1 7	12 59	16 21	23 42	23 41	20 11		n.a.
F 23	23 36	10 52	5 11	25 9	1 44	23 28	0 21	23 30	1 14	17 18	0 33	21 56	1 14	21 29	0 4	16 42	1 7	12 59	16 22	23 42	23 41	20 9		n.a.
S 24	23 38	15 30	4 50	24 57	1 41	23 37	0 23	23 24	1 14	17 17	0 33	21 54	1 14	21 29	0 4	16 43	1 7	12 59	16 22	23 42	23 41	20 7		n.a.
S 25	23 41	19 21	4 15	24 44	1 37	23 46	0 26	23 18	1 14	17 15	0 33	21 53	1 14	21 28	0 4	16 43	1 8	12 59	16 22	23 42	23 41	20 5		n.a.
M26	23 43	22 14	3 28	24 29	1 32	23 54	0 28	23 12	1 13	17 14	0 32	21 52	1 14	21 28	0 4	16 43	1 8	13 0	16 22	23 42	23 41	20 3		n.a.
T 27	23 44	24 3	2 33	24 12	1 28	24 1	0 30	23 5	1 13	17 13	0 32	21 50	1 14	21 28	0 4	16 44	1 8	13 0	16 23	23 42	23 41	20 1		n.a.
W28	23 45	24 42	1 31	23 54	1 22	24 7	0 32	22 59	1 13	17 12	0 32	21 49	1 14	21 27	0 4	16 44	1 8	13 0	16 23	23 42	23 41	19 59		n.a.
T 29	23 46	24 12	0 26	23 35	1 17	24 13	0 34	22 52	1 13	17 11	0 32	21 47	1 14	21 27	0 4	16 44	1 8	13 0	16 23	23 42	23 41	19 57		n.a.
F 30	23n46	22n35	0s40	23n14	1n11	24n18	0n37	22n45	1n13	17s10	0n32	21n46	1n14	21s27	0s 4	16s45	1s 8	13s 0	16s24	23s42	23s41	19n55		n.a.

Julian Day Number = 1496945.5, Delta T = 05h10m03s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'41, Lahiri = -12°26'41 Julian Calendar 1 June 615 BCE == Greg. Calendar 25 May 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

JULY 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 7 54	0♋52'23	23♋27	22♋47	26♊44	24♋54	18°R49	29♋32	4°R40	17°R54	4♈57	4♉23	4♉27	24♋ 6	n.a.	S 1
S 2	18 11 50	1°49'49	5♌14	24°19	27°58	25°32	18♏45	29°39	4♐38	17♒53	4°57	4°23	4°24	24°13	n.a.	S 2
M 3	18 15 47	2°47'16	17° 3	25°49	29°12	26°10	18°41	29°46	4°36	17°52	4°57	4°23	4°21	24°19	n.a.	M 3
T 4	18 19 43	3°44'44	28°56	27°17	0♋26	26°48	18°38	29°53	4°34	17°51	4°57	4°23	4°18	24°26	n.a.	T 4
W 5	18 23 40	4°42'14	10♍59	28°44	1°40	27°26	18°34	29°59	4°32	17°50	4°58	4°R23	4°15	24°33	n.a.	W 5
T 6	18 27 37	5°39'44	23°14	0♌ 9	2°54	28° 4	18°31	0♌ 7	4°30	17°49	4°58	4°23	4°12	24°39	n.a.	T 6
F 7	18 31 33	6°37'15	5♎46	1°32	4° 8	28°42	18°28	0°14	4°28	17°48	4°58	4°D23	4° 8	24°46	n.a.	F 7
S 8	18 35 30	7°34'47	18°38	2°53	5°22	29°20	18°26	0°21	4°26	17°47	4°58	4°23	4° 5	24°53	n.a.	S 8
S 9	18 39 26	8°32'20	1♏55	4°13	6°36	29°58	18°23	0°28	4°24	17°45	4°58	4°23	4° 2	24°59	n.a.	S 9
M10	18 43 23	9°29'55	15°37	5°30	7°51	0♌36	18°20	0°35	4°23	17°44	4°58	4°24	3°59	25° 6	n.a.	M10
T 11	18 47 19	10°27'30	29°47	6°46	9° 5	1°15	18°18	0°42	4°21	17°43	4°58	4°24	3°56	25°13	n.a.	T 11
W12	18 51 16	11°25'07	14♐21	7°59	10°19	1°53	18°16	0°49	4°19	17°42	4°58	4°25	3°53	25°19	n.a.	W12
T 13	18 55 12	12°22'45	29°16	9°11	11°33	2°31	18°14	0°57	4°17	17°40	4°R58	4°R25	3°49	25°26	n.a.	T 13
F 14	18 59 9	13°20'24	14♑24	10°20	12°47	3° 9	18°12	1° 4	4°16	17°39	4°58	4°25	3°46	25°33	n.a.	F 14
S 15	19 3 6	14°18'05	29°35	11°27	14° 2	3°48	18°11	1°11	4°14	17°38	4°58	4°25	3°43	25°39	n.a.	S 15
S 16	19 7 2	15°15'47	14♒42	12°31	15°16	4°26	18°10	1°18	4°12	17°37	4°58	4°24	3°40	25°46	n.a.	S 16
M17	19 10 59	16°13'31	29°34	13°34	16°30	5° 4	18° 8	1°26	4°11	17°35	4°58	4°22	3°37	25°53	n.a.	M17
T 18	19 14 55	17°11'17	14♓ 5	14°33	17°45	5°43	18° 7	1°33	4° 9	17°34	4°58	4°21	3°33	25°59	n.a.	T 18
W19	19 18 52	18° 9'05	28°12	15°30	18°59	6°21	18° 7	1°40	4° 8	17°32	4°58	4°20	3°30	26° 6	n.a.	W19
T 20	19 22 48	19° 6'54	11♈52	16°24	20°13	7° 0	18° 6	1°48	4° 6	17°31	4°58	4°19	3°27	26°13	n.a.	T 20
F 21	19 26 45	20° 4'45	25° 6	17°15	21°28	7°38	18° 6	1°55	4° 5	17°30	4°57	4°D19	3°24	26°19	n.a.	F 21
S 22	19 30 41	21° 2'39	7♉58	18° 3	22°42	8°17	18° 5	2° 2	4° 3	17°28	4°57	4°19	3°21	26°26	n.a.	S 22
S 23	19 34 38	22° 0'34	20°31	18°47	23°57	8°55	18°D 5	2°10	4° 2	17°27	4°57	4°21	3°18	26°33	n.a.	S 23
M24	19 38 35	22°58'31	2♊47	19°28	25°11	9°34	18° 6	2°17	4° 1	17°25	4°57	4°22	3°14	26°39	n.a.	M24
T 25	19 42 31	23°56'30	14°52	20° 5	26°26	10°13	18° 6	2°25	3°59	17°24	4°56	4°23	3°11	26°46	n.a.	T 25
W26	19 46 28	24°54'32	26°48	20°38	27°40	10°51	18° 6	2°32	3°58	17°22	4°56	4°24	3° 8	26°53	n.a.	W26
T 27	19 50 24	25°52'35	8♋39	21° 6	28°55	11°30	18° 7	2°40	3°57	17°21	4°56	4°R25	3° 5	26°59	n.a.	T 27
F 28	19 54 21	26°50'39	20°27	21°30	0♌ 9	12° 9	18° 8	2°47	3°56	17°19	4°56	4°24	3° 2	27° 6	n.a.	F 28
S 29	19 58 17	27°48'46	2♌15	21°50	1°24	12°47	18° 9	2°54	3°55	17°18	4°55	4°22	2°59	27°13	n.a.	S 29
S 30	20 2 14	28°46'54	14° 4	22° 4	2°38	13°26	18°10	3° 2	3°54	17°16	4°55	4°18	2°55	27°19	n.a.	S 30
M31	20 6 10	29♋45'04	25♌57	22♌12	3♌53	14♌ 5	18♏12	3♌ 9	3♐53	17♒15	4♈55	4♉14	2♉52	27♋26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	20n 0	1s44	22n52	1n 4	24n22	0n39	22n38	1n12	17s 9	0n31	21n45	1n14	21s26	0s 4	16s45	1s 8	13s 0	16s24	23s42	23s42	19n53		n.a.
S 2	23 45	16 35	2 43	22 30	0 58	24 26	0 41	22 31	1 12	17 8	0 31	21 43	1 14	21 26	0 4	16 45	1 8	13 1	16 24	23 42	23 42	19 51		n.a.
M 3	23 44	12 31	3 36	22 6	0 50	24 29	0 43	22 23	1 12	17 8	0 31	21 42	1 14	21 25	0 4	16 46	1 8	13 1	16 25	23 42	23 42	19 49		n.a.
T 4	23 43	7 58	4 19	21 42	0 43	24 31	0 45	22 15	1 12	17 7	0 31	21 40	1 15	21 25	0 4	16 46	1 8	13 1	16 25	23 42	23 42	19 47		n.a.
W 5	23 41	3 3	4 52	21 16	0 35	24 32	0 47	22 8	1 12	17 6	0 31	21 39	1 15	21 25	0 4	16 46	1 8	13 1	16 25	23 42	23 42	19 45		n.a.
T 6	23 39	2s 2	5 12	20 50	0 27	24 33	0 49	22 0	1 11	17 5	0 30	21 37	1 15	21 24	0 4	16 47	1 8	13 2	16 26	23 42	23 42	19 43		n.a.
F 7	23 36	7 10	5 18	20 24	0 19	24 33	0 51	21 52	1 11	17 5	0 30	21 36	1 15	21 24	0 4	16 47	1 8	13 2	16 26	23 42	23 42	19 41		n.a.
S 8	23 33	12 8	5 8	19 57	0 10	24 32	0 53	21 44	1 11	17 4	0 30	21 34	1 15	21 24	0 4	16 48	1 8	13 2	16 26	23 42	23 42	19 39		n.a.
S 9	23 29	16 42	4 42	19 29	0 1	24 30	0 54	21 35	1 11	17 4	0 30	21 33	1 15	21 23	0 4	16 48	1 8	13 2	16 27	23 42	23 42	19 37		n.a.
M10	23 25	20 33	3 59	19 2	0s 8	24 28	0 56	21 27	1 10	17 3	0 29	21 31	1 15	21 23	0 4	16 48	1 8	13 3	16 27	23 42	23 43	19 35		n.a.
T 11	23 21	23 19	3 1	18 34	0 17	24 25	0 58	21 18	1 10	17 3	0 29	21 29	1 15	21 23	0 4	16 49	1 8	13 3	16 27	23 42	23 43	19 33		n.a.
W12	23 16	24 39	1 49	18 5	0 27	24 21	1 0	21 9	1 10	17 2	0 29	21 28	1 15	21 22	0 4	16 49	1 8	13 3	16 28	23 42	23 43	19 31		n.a.
T 13	23 11	24 15	0 29	17 37	0 37	24 17	1 1	21 0	1 10	17 2	0 29	21 26	1 15	21 22	0 4	16 50	1 8	13 3	16 28	23 42	23 43	19 29		n.a.
F 14	23 5	22 4	0n55	17 9	0 47	24 11	1 3	20 51	1 9	17 2	0 29	21 25	1 15	21 22	0 4	16 50	1 8	13 4	16 28	23 42	23 43	19 27		n.a.
S 15	22 59	18 19	2 15	16 41	0 57	24 5	1 4	20 41	1 9	17 2	0 28	21 23	1 15	21 21	0 4	16 51	1 8	13 4	16 29	23 42	23 43	19 25		n.a.
S 16	22 53	13 23	3 25	16 13	1 7	23 58	1 6	20 32	1 9	17 1	0 28	21 22	1 15	21 21	0 4	16 51	1 8	13 4	16 29	23 42	23 43	19 23		n.a.
M17	22 46	7 43	4 20	15 45	1 17	23 51	1 7	20 22	1 9	17 1	0 28	21 20	1 15	21 21	0 4	16 51	1 8	13 5	16 29	23 42	23 43	19 21		n.a.
T 18	22 39	1 47	4 57	15 18	1 28	23 43	1 9	20 12	1 8	17 1	0 28	21 18	1 15	21 20	0 4	16 52	1 8	13 5	16 30	23 42	23 43	19 19		n.a.
W19	22 31	4n 5	5 15	14 51	1 38	23 34	1 10	20 3	1 8	17 1	0 27	21 17	1 15	21 20	0 4	16 52	1 8	13 5	16 30	23 42	23 43	19 16		n.a.
T 20	22 23	9 33	5 14	14 24	1 49	23 24	1 11	19 52	1 8	17 1	0 27	21 15	1 15	21 20	0 4	16 53	1 8	13 6	16 30	23 42	23 43	19 14		n.a.
F 21	22 15	14 26	4 56	13 59	2 0	23 14	1 13	19 42	1 8	17 1	0 27	21 13	1 15	21 20	0 4	16 53	1 8	13 6	16 30	23 42	23 44	19 12		n.a.
S 22	22 6	18 31	4 24	13 34	2 10	23 3	1 14	19 32	1 7	17 2	0 27	21 12	1 15	21 19	0 4	16 54	1 8	13 6	16 31	23 42	23 44	19 10		n.a.
S 23	21 57	21 39	3 40	13 10	2 21	22 51	1 15	19 21	1 7	17 2	0 27	21 10	1 15	21 19	0 4	16 54	1 9	13 7	16 31	23 42	23 44	19 8		n.a.
M24	21 47	23 43	2 46	12 47	2 32	22 38	1 16	19 11	1 7	17 2	0 26	21 9	1 15	21 19	0 4	16 55	1 9	13 7	16 31	23 42	23 44	19 6		n.a.
T 25	21 37	24 39	1 46	12 26	2 42	22 25	1 17	19 0	1 7	17 2	0 26	21 7	1 15	21 19	0 4	16 55	1 9	13 7	16 32	23 42	23 44	19 4		n.a.
W26	21 27	24 26	0 42	12 5	2 52	22 11	1 18	18 49	1 6	17 3	0 26	21 5	1 15	21 18	0 4	16 56	1 9	13 8	16 32	23 42	23 44	19 2		n.a.
T 27	21 16	23 6	0s23	11 47	3 2	21 57	1 19	18 38	1 6	17 3	0 26	21 4	1 15	21 18	0 4	16 56	1 9	13 8	16 32	23 42	23 44	19 0		n.a.
F 28	21 5	20 45	1 27	11 30	3 12	21 42	1 20	18 26	1 6	17 3	0 26	21 2	1 15	21 18	0 4	16 57	1 9	13 9	16 33	23 42	23 44	18 58		n.a.
S 29	20 53	17 32	2 27	11 15	3 22	21 26	1 21	18 15	1 6	17 4	0 25	21 0	1 16	21 18	0 4	16 57	1 9	13 9	16 33	23 42	23 44	18 56		n.a.
S 30	20 41	13 38	3 21	11 2	3 31	21 10	1 21	18 3	1 5	17 5	0 25	20 58	1 16	21 18	0 4	16 58	1 9	13 9	16 33	23 42	23 44	18 54		n.a.
M31	20n29	9n11	4s 7	10n51	3s39	20n53	1n22	17n52	1n 5	17s 5	0n25	20n57	1n16	21s17	0s 5	16s58	1s 9	13s10	16s34	23s42	23s44	18n52		n.a.

Julian Day Number = 1496975.5, Delta T = 05h10m01s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'37, Lahiri = -12°26'37 Julian Calendar 1 July 615 BCE == Greg. Calendar 24 June 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

AUGUST 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 10 7	0♌43'16	7♍57	22°R15	5♌ 7	14♌44	18♏14	3♌17	3°R52	17°R13	4°R54	4°R10	2♉49	27♋33	n.a.	T 1
W 2	20 14 4	1°41'30	20° 4	22♌12	6°22	15°23	18°15	3°24	3♐51	17♒12	4♈54	4♉ 5	2°46	27°39	n.a.	W 2
T 3	20 18 0	2°39'45	2♎23	22° 2	7°37	16° 2	18°17	3°32	3°50	17°10	4°53	4° 2	2°43	27°46	n.a.	T 3
F 4	20 21 57	3°38'02	14°55	21°47	8°51	16°41	18°20	3°39	3°49	17° 8	4°53	3°59	2°39	27°53	n.a.	F 4
S 5	20 25 53	4°36'20	27°45	21°25	10° 6	17°20	18°22	3°47	3°48	17° 7	4°52	3°57	2°36	27°59	n.a.	S 5
S 6	20 29 50	5°34'40	10♏55	20°56	11°20	17°59	18°25	3°54	3°47	17° 5	4°52	3°D57	2°33	28° 6	n.a.	S 6
M 7	20 33 46	6°33'02	24°28	20°21	12°35	18°38	18°27	4° 2	3°47	17° 3	4°51	3°58	2°30	28°13	n.a.	M 7
T 8	20 37 43	7°31'26	8♐26	19°40	13°50	19°17	18°30	4° 9	3°46	17° 2	4°51	4° 0	2°27	28°19	n.a.	T 8
W 9	20 41 39	8°29'52	22°49	18°53	15° 4	19°56	18°33	4°17	3°45	17° 0	4°50	4° 1	2°24	28°26	n.a.	W 9
T 10	20 45 36	9°28'19	7♑34	18° 0	16°19	20°36	18°37	4°24	3°45	16°59	4°50	4°R 1	2°20	28°33	n.a.	T 10
F 11	20 49 33	10°26'48	22°37	17° 4	17°34	21°15	18°40	4°32	3°44	16°57	4°49	4° 0	2°17	28°39	n.a.	F 11
S 12	20 53 29	11°25'19	7♒50	16° 4	18°49	21°54	18°44	4°39	3°44	16°55	4°49	3°57	2°14	28°46	n.a.	S 12
S 13	20 57 26	12°23'52	23° 2	15° 2	20° 3	22°33	18°48	4°47	3°44	16°54	4°48	3°53	2°11	28°52	n.a.	S 13
M14	21 1 22	13°22'26	8♓ 5	13°59	21°18	23°13	18°52	4°54	3°43	16°52	4°47	3°47	2° 8	28°59	n.a.	M14
T 15	21 5 19	14°21'04	22°47	12°57	22°33	23°52	18°56	5° 1	3°43	16°50	4°47	3°41	2° 5	29° 6	n.a.	T 15
W16	21 9 15	15°19'43	7♈ 5	11°56	23°47	24°32	19° 0	5° 9	3°43	16°49	4°46	3°35	2° 1	29°12	n.a.	W16
T 17	21 13 12	16°18'25	20°53	11° 0	25° 2	25°11	19° 5	5°16	3°42	16°47	4°45	3°31	1°58	29°19	n.a.	T 17
F 18	21 17 8	17°17'09	4♉13	10° 8	26°17	25°51	19°10	5°24	3°42	16°45	4°45	3°28	1°55	29°26	n.a.	F 18
S 19	21 21 5	18°15'55	17° 6	9°23	27°32	26°30	19°14	5°31	3°42	16°44	4°44	3°D27	1°52	29°32	n.a.	S 19
S 20	21 25 2	19°14'44	29°36	8°45	28°46	27°10	19°19	5°38	3°D42	16°42	4°43	3°28	1°49	29°39	n.a.	S 20
M21	21 28 58	20°13'35	11♊49	8°16	0♍ 1	27°49	19°25	5°46	3°42	16°40	4°42	3°29	1°45	29°46	n.a.	M21
T 22	21 32 55	21°12'29	23°48	7°57	1°16	28°29	19°30	5°53	3°42	16°39	4°42	3°30	1°42	29°52	n.a.	T 22
W23	21 36 51	22°11'25	5♋39	7°D47	2°31	29° 9	19°36	6° 0	3°42	16°37	4°41	3°R31	1°39	29°59	n.a.	W23
T 24	21 40 48	23°10'24	17°27	7°47	3°46	29°48	19°41	6° 8	3°42	16°35	4°40	3°30	1°36	0♌ 6	n.a.	T 24
F 25	21 44 44	24° 9'25	29°14	7°57	5° 0	0♍28	19°47	6°15	3°43	16°34	4°39	3°26	1°33	0°12	n.a.	F 25
S 26	21 48 41	25° 8'27	11♌ 4	8°17	6°15	1° 8	19°53	6°22	3°43	16°32	4°38	3°21	1°30	0°19	n.a.	S 26
S 27	21 52 37	26° 7'33	22°59	8°47	7°30	1°48	19°59	6°29	3°43	16°30	4°38	3°13	1°26	0°26	n.a.	S 27
M28	21 56 34	27° 6'40	5♍ 0	9°26	8°45	2°28	20° 6	6°36	3°44	16°29	4°37	3° 3	1°23	0°32	n.a.	M28
T 29	22 0 30	28° 5'49	17°10	10°14	10° 0	3° 8	20°12	6°44	3°44	16°27	4°36	2°52	1°20	0°39	n.a.	T 29
W30	22 4 27	29° 5'01	29°29	11°10	11°15	3°48	20°19	6°51	3°44	16°26	4°35	2°42	1°17	0°46	n.a.	W30
T 31	22 8 24	0♍ 4'14	11♎59	12♌13	12♍30	4♍28	20♏26	6♌58	3♐45	16♒24	4♈34	2♉32	1♉14	0♌52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20n16	4n22	4s41	10n42	3s47	20n35	1n23	17n40	1n 5	17s 6	0n25	20n55	1n16	21s17	0s 5	16s59	1s 9	13s10	16s34	23s42	23s44	18n50			n.a.
W 2	20 3	0s40	5 4	10 37	3 54	20 17	1 23	17 28	1 4	17 7	0 25	20 53	1 16	21 17	0 5	16 59	1 9	13 11	16 34	23 42	23 44	18 47			n.a.
T 3	19 50	5 44	5 13	10 34	4 1	19 58	1 24	17 16	1 4	17 7	0 24	20 52	1 16	21 17	0 5	17 0	1 9	13 11	16 34	23 42	23 44	18 45			n.a.
F 4	19 36	10 40	5 8	10 34	4 6	19 39	1 24	17 4	1 4	17 8	0 24	20 50	1 16	21 17	0 5	17 0	1 9	13 12	16 35	23 43	23 45	18 43			n.a.
S 5	19 22	15 16	4 47	10 37	4 10	19 19	1 24	16 52	1 4	17 9	0 24	20 48	1 16	21 17	0 5	17 1	1 9	13 12	16 35	23 43	23 45	18 41			n.a.
S 6	19 8	19 16	4 11	10 43	4 13	18 58	1 25	16 39	1 3	17 10	0 24	20 46	1 16	21 16	0 5	17 1	1 9	13 13	16 35	23 43	23 45	18 39			n.a.
M 7	18 54	22 22	3 20	10 53	4 15	18 37	1 25	16 27	1 3	17 11	0 23	20 45	1 16	21 16	0 5	17 2	1 9	13 13	16 36	23 43	23 45	18 37			n.a.
T 8	18 39	24 14	2 15	11 6	4 14	18 15	1 25	16 14	1 3	17 12	0 23	20 43	1 16	21 16	0 5	17 2	1 9	13 13	16 36	23 42	23 45	18 35			n.a.
W 9	18 23	24 35	1 1	11 22	4 13	17 53	1 25	16 1	1 2	17 13	0 23	20 41	1 16	21 16	0 5	17 3	1 9	13 14	16 36	23 42	23 45	18 33			n.a.
T 10	18 8	23 14	0n19	11 42	4 9	17 31	1 25	15 48	1 2	17 14	0 23	20 40	1 16	21 16	0 5	17 3	1 9	13 14	16 36	23 42	23 45	18 30			n.a.
F 11	17 52	20 12	1 40	12 5	4 3	17 8	1 25	15 35	1 2	17 15	0 23	20 38	1 16	21 16	0 5	17 4	1 9	13 15	16 37	23 42	23 45	18 28			n.a.
S 12	17 36	15 46	2 54	12 30	3 55	16 44	1 25	15 22	1 1	17 17	0 22	20 36	1 17	21 16	0 5	17 4	1 9	13 15	16 37	23 43	23 45	18 26			n.a.
S 13	17 19	10 19	3 55	12 58	3 45	16 20	1 25	15 9	1 1	17 18	0 22	20 34	1 17	21 16	0 5	17 5	1 9	13 16	16 37	23 43	23 45	18 24			n.a.
M14	17 2	4 20	4 40	13 27	3 34	15 56	1 24	14 55	1 1	17 19	0 22	20 33	1 17	21 16	0 5	17 5	1 9	13 16	16 37	23 43	23 45	18 22			n.a.
T 15	16 45	1n45	5 5	13 58	3 20	15 31	1 24	14 42	1 0	17 20	0 22	20 31	1 17	21 16	0 5	17 6	1 9	13 17	16 38	23 43	23 45	18 20			n.a.
W16	16 28	7 34	5 10	14 29	3 5	15 5	1 24	14 28	1 0	17 22	0 22	20 29	1 17	21 16	0 5	17 6	1 9	13 17	16 38	23 43	23 45	18 18			n.a.
T 17	16 10	12 49	4 56	15 1	2 48	14 40	1 23	14 14	1 0	17 23	0 22	20 27	1 17	21 16	0 5	17 7	1 9	13 18	16 38	23 43	23 45	18 15			n.a.
F 18	15 52	17 16	4 27	15 32	2 31	14 14	1 23	14 1	0 59	17 25	0 21	20 26	1 17	21 16	0 5	17 7	1 9	13 18	16 38	23 43	23 45	18 13			n.a.
S 19	15 34	20 46	3 45	16 2	2 12	13 47	1 22	13 47	0 59	17 26	0 21	20 24	1 17	21 15	0 5	17 8	1 9	13 19	16 39	23 43	23 45	18 11			n.a.
S 20	15 15	23 10	2 53	16 31	1 53	13 20	1 22	13 33	0 59	17 28	0 21	20 22	1 17	21 15	0 5	17 9	1 9	13 19	16 39	23 43	23 45	18 9			n.a.
M21	14 57	24 25	1 55	16 57	1 33	12 53	1 21	13 18	0 58	17 29	0 21	20 20	1 17	21 15	0 5	17 9	1 9	13 20	16 39	23 43	23 45	18 7			n.a.
T 22	14 38	24 30	0 52	17 21	1 13	12 25	1 20	13 4	0 58	17 31	0 21	20 19	1 18	21 16	0 5	17 10	1 9	13 20	16 39	23 43	23 45	18 5			n.a.
W23	14 18	23 27	0s12	17 42	0 54	11 57	1 19	12 50	0 58	17 33	0 20	20 17	1 18	21 16	0 5	17 10	1 9	13 21	16 40	23 43	23 46	18 3			n.a.
T 24	13 59	21 23	1 15	18 0	0 36	11 29	1 18	12 35	0 57	17 35	0 20	20 15	1 18	21 16	0 5	17 11	1 9	13 21	16 40	23 43	23 46	18 0			n.a.
F 25	13 39	18 25	2 14	18 15	0 18	11 0	1 18	12 21	0 57	17 36	0 20	20 13	1 18	21 16	0 5	17 11	1 9	13 22	16 40	23 43	23 46	17 58			n.a.
S 26	13 19	14 41	3 8	18 26	0 1	10 31	1 17	12 6	0 57	17 38	0 20	20 12	1 18	21 16	0 5	17 12	1 9	13 22	16 40	23 44	23 46	17 56			n.a.
S 27	12 59	10 22	3 54	18 34	0n16	10 2	1 15	11 51	0 56	17 40	0 20	20 10	1 18	21 16	0 5	17 12	1 9	13 23	16 40	23 44	23 46	17 54			n.a.
M28	12 39	5 38	4 30	18 37	0 30	9 33	1 14	11 36	0 56	17 42	0 19	20 8	1 18	21 16	0 5	17 13	1 9	13 23	16 41	23 44	23 46	17 52			n.a.
T 29	12 18	0 38	4 54	18 38	0 44	9 3	1 13	11 22	0 56	17 44	0 19	20 7	1 18	21 16	0 5	17 13	1 9	13 24	16 41	23 44	23 46	17 49			n.a.
W30	11 57	4s26	5 4	18 34	0 57	8 33	1 12	11 7	0 55	17 46	0 19	20 5	1 18	21 16	0 5	17 14	1 9	13 24	16 41	23 44	23 46	17 47			n.a.
T 31	11n36	9s24	5s 1	18n27	1n 8	8n 3	1n11	10n51	0n55	17s48	0n19	20n 3	1n19	21s16	0s 5	17s14	1s 9	13s25	16s41	23s45	23s46	17n45			n.a.

Julian Day Number = 1497006.5, Delta T = 05h10m00s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'33, Lahiri = -12°26'32 Julian Calendar 1 Aug. 615 BCE == Greg. Calendar 25 July 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

SEPTEMBER 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 12 20	1♍ 3'30	24♎39	13♌23	13♍44	5♍ 8	20♏33	7♌ 5	3♐46	16°R22	4°R33	2°R25	1♉10	0♌59	n.a.	F 1
S 2	22 16 17	2° 2'47	7♏34	14°39	14°59	5°48	20°40	7°12	3°46	16♒21	4♈32	2♉20	1° 7	1° 6	n.a.	S 2
S 3	22 20 13	3° 2'07	20°43	15°59	16°14	6°28	20°47	7°19	3°47	16°19	4°31	2°17	1° 4	1°12	n.a.	S 3
M 4	22 24 10	4° 1'28	4♐10	17°25	17°29	7° 8	20°54	7°26	3°48	16°18	4°30	2°D16	1° 1	1°19	n.a.	M 4
T 5	22 28 6	5° 0'51	17°57	18°54	18°44	7°48	21° 2	7°33	3°48	16°16	4°29	2°16	0°58	1°26	n.a.	T 5
W 6	22 32 3	6° 0'16	2♉ 4	20°27	19°59	8°29	21° 9	7°40	3°49	16°15	4°28	2°R17	0°55	1°32	n.a.	W 6
T 7	22 35 59	6°59'43	16°32	22° 2	21°13	9° 9	21°17	7°47	3°50	16°13	4°27	2°16	0°51	1°39	n.a.	T 7
F 8	22 39 56	7°59'12	1♒17	23°39	22°28	9°49	21°25	7°53	3°51	16°12	4°26	2°13	0°48	1°46	n.a.	F 8
S 9	22 43 53	8°58'43	16°14	25°18	23°43	10°30	21°33	8° 0	3°52	16°10	4°25	2° 8	0°45	1°52	n.a.	S 9
S 10	22 47 49	9°58'16	1♓15	26°59	24°58	11°10	21°41	8° 7	3°53	16° 9	4°24	2° 0	0°42	1°59	n.a.	S 10
M11	22 51 46	10°57'51	16°12	28°40	26°13	11°50	21°50	8°14	3°54	16° 7	4°23	1°50	0°39	2° 6	n.a.	M11
T 12	22 55 42	11°57'28	0♈54	0♍23	27°28	12°31	21°58	8°20	3°55	16° 6	4°22	1°39	0°36	2°12	n.a.	T 12
W13	22 59 39	12°57'07	15°15	2° 6	28°42	13°12	22° 7	8°27	3°56	16° 4	4°21	1°28	0°32	2°19	n.a.	W13
T 14	23 3 35	13°56'48	29° 8	3°49	29°57	13°52	22°16	8°34	3°58	16° 3	4°20	1°20	0°29	2°26	n.a.	T 14
F 15	23 7 32	14°56'32	12♉33	5°32	1♎12	14°33	22°24	8°40	3°59	16° 1	4°19	1°13	0°26	2°32	n.a.	F 15
S 16	23 11 28	15°56'18	25°30	7°16	2°27	15°13	22°33	8°47	4° 0	16° 0	4°18	1° 9	0°23	2°39	n.a.	S 16
S 17	23 15 25	16°56'07	8♊ 3	8°59	3°42	15°54	22°43	8°53	4° 2	15°59	4°17	1° 7	0°20	2°46	n.a.	S 17
M18	23 19 21	17°55'58	20°17	10°42	4°56	16°35	22°52	8°59	4° 3	15°57	4°16	1°D 7	0°16	2°52	n.a.	M18
T 19	23 23 18	18°55'52	2♋16	12°25	6°11	17°16	23° 1	9° 6	4° 4	15°56	4°15	1°R 7	0°13	2°59	n.a.	T 19
W20	23 27 15	19°55'47	14° 7	14° 7	7°26	17°57	23°11	9°12	4° 6	15°55	4°14	1° 7	0°10	3° 6	n.a.	W20
T 21	23 31 11	20°55'46	25°54	15°50	8°41	18°37	23°20	9°18	4° 8	15°53	4°13	1° 4	0° 7	3°12	n.a.	T 21
F 22	23 35 8	21°55'46	7♌42	17°31	9°56	19°18	23°30	9°24	4° 9	15°52	4°12	0°59	0° 4	3°19	n.a.	F 22
S 23	23 39 4	22°55'48	19°36	19°12	11°11	19°59	23°40	9°31	4°11	15°51	4°10	0°51	0° 1	3°26	n.a.	S 23
S 24	23 43 1	23°55'53	1♍38	20°53	12°25	20°40	23°50	9°37	4°13	15°49	4° 9	0°41	29♐57	3°32	n.a.	S 24
M25	23 46 57	24°55'59	13°51	22°33	13°40	21°21	24° 0	9°43	4°14	15°48	4° 8	0°28	29°54	3°39	n.a.	M25
T 26	23 50 54	25°56'08	26°14	24°13	14°55	22° 3	24°10	9°49	4°16	15°47	4° 7	0°14	29°51	3°46	n.a.	T 26
W27	23 54 50	26°56'19	8♎50	25°52	16°10	22°44	24°20	9°55	4°18	15°46	4° 6	29♐59	29°48	3°52	n.a.	W27
T 28	23 58 47	27°56'31	21°37	27°31	17°25	23°25	24°30	10° 0	4°20	15°45	4° 5	29°47	29°45	3°59	n.a.	T 28
F 29	0 2 43	28°56'46	4♏36	29° 9	18°39	24° 6	24°41	10° 6	4°22	15°44	4° 4	29°36	29°41	4° 6	n.a.	F 29
S 30	0 6 40	29♍57'02	17♏45	0♎47	19♎54	24♍47	24♏52	10♌12	4♐24	15♒43	4♈ 3	29♐28	29♐38	4♌12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n15	14s 3	4s42	18n16	1n18	7n33	1n 9	10n36	0n54	17s50	0n19	20n 1	1n19	21s16	0s 5	17s15	1s 9	13s25	16s41	23s45	23s46	17n43		n.a.
S 2	10 53	18 9	4 10	18 2	1 26	7 2	1 8	10 21	0 54	17 52	0 19	20 0	1 19	21 16	0 5	17 15	1 9	13 26	16 41	23 45	23 46	17 41		n.a.
S 3	10 32	21 26	3 23	17 45	1 34	6 31	1 6	10 5	0 54	17 54	0 18	19 58	1 19	21 16	0 5	17 16	1 9	13 27	16 42	23 45	23 46	17 38		n.a.
M 4	10 10	23 38	2 24	17 25	1 40	6 0	1 5	9 50	0 53	17 56	0 18	19 56	1 19	21 17	0 5	17 16	1 9	13 27	16 42	23 45	23 46	17 36		n.a.
T 5	9 48	24 28	1 16	17 2	1 45	5 29	1 3	9 34	0 53	17 58	0 18	19 55	1 19	21 17	0 5	17 17	1 9	13 28	16 42	23 45	23 46	17 34		n.a.
W 6	9 26	23 46	0 1	16 36	1 49	4 58	1 2	9 19	0 53	18 1	0 18	19 53	1 19	21 17	0 5	17 17	1 9	13 28	16 42	23 45	23 46	17 32		n.a.
T 7	9 4	21 29	1n15	16 8	1 53	4 26	1 0	9 3	0 52	18 3	0 18	19 51	1 19	21 17	0 5	17 17	1 9	13 29	16 42	23 45	23 46	17 30		n.a.
F 8	8 41	17 45	2 28	15 37	1 55	3 55	0 58	8 47	0 52	18 5	0 18	19 50	1 20	21 17	0 5	17 18	1 9	13 29	16 42	23 45	23 46	17 27		n.a.
S 9	8 19	12 50	3 31	15 5	1 56	3 23	0 56	8 32	0 51	18 7	0 17	19 48	1 20	21 17	0 5	17 18	1 9	13 30	16 43	23 45	23 46	17 25		n.a.
S 10	7 56	7 7	4 20	14 31	1 57	2 52	0 55	8 16	0 51	18 10	0 17	19 46	1 20	21 18	0 5	17 19	1 9	13 30	16 43	23 45	23 46	17 23		n.a.
M11	7 33	1 3	4 51	13 55	1 57	2 20	0 53	8 0	0 51	18 12	0 17	19 45	1 20	21 18	0 5	17 19	1 9	13 31	16 43	23 45	23 46	17 21		n.a.
T 12	7 10	4n58	5 2	13 17	1 56	1 48	0 51	7 44	0 50	18 14	0 17	19 43	1 20	21 18	0 5	17 20	1 9	13 31	16 43	23 46	23 46	17 18		n.a.
W13	6 47	10 35	4 54	12 39	1 54	1 16	0 49	7 27	0 50	18 17	0 17	19 41	1 20	21 18	0 5	17 20	1 9	13 32	16 43	23 46	23 46	17 16		n.a.
T 14	6 24	15 29	4 28	11 59	1 52	0 44	0 47	7 11	0 49	18 19	0 17	19 40	1 20	21 19	0 5	17 21	1 9	13 32	16 43	23 46	23 46	17 14		n.a.
F 15	6 1	19 25	3 48	11 18	1 50	0 12	0 45	6 55	0 49	18 22	0 16	19 38	1 21	21 19	0 5	17 21	1 9	13 33	16 43	23 46	23 46	17 12		n.a.
S 16	5 37	22 16	2 57	10 36	1 46	0s20	0 43	6 39	0 49	18 24	0 16	19 37	1 21	21 19	0 5	17 21	1 9	13 33	16 43	23 46	23 46	17 10		n.a.
S 17	5 14	23 55	1 59	9 54	1 43	0 52	0 40	6 22	0 48	18 27	0 16	19 35	1 21	21 19	0 5	17 22	1 9	13 34	16 43	23 46	23 46	17 7		n.a.
M18	4 50	24 22	0 57	9 11	1 39	1 24	0 38	6 6	0 48	18 29	0 16	19 33	1 21	21 20	0 5	17 22	1 9	13 34	16 43	23 46	23 46	17 5		n.a.
T 19	4 26	23 39	0s 6	8 27	1 35	1 56	0 36	5 49	0 47	18 32	0 16	19 32	1 21	21 20	0 5	17 23	1 9	13 35	16 44	23 46	23 46	17 3		n.a.
W20	4 2	21 53	1 8	7 43	1 30	2 28	0 34	5 33	0 47	18 34	0 16	19 30	1 21	21 20	0 5	17 23	1 9	13 35	16 44	23 46	23 46	17 1		n.a.
T 21	3 39	19 11	2 7	6 58	1 26	3 0	0 31	5 16	0 46	18 37	0 15	19 29	1 22	21 20	0 5	17 23	1 9	13 36	16 44	23 46	23 46	16 58		n.a.
F 22	3 15	15 41	3 1	6 14	1 20	3 32	0 29	5 0	0 46	18 39	0 15	19 27	1 22	21 21	0 5	17 24	1 9	13 36	16 44	23 46	23 46	16 56		n.a.
S 23	2 51	11 34	3 47	5 29	1 15	4 4	0 27	4 43	0 46	18 42	0 15	19 26	1 22	21 21	0 5	17 24	1 9	13 37	16 44	23 46	23 46	16 54		n.a.
S 24	2 27	6 57	4 23	4 43	1 10	4 36	0 24	4 26	0 45	18 45	0 15	19 24	1 22	21 21	0 5	17 24	1 9	13 37	16 44	23 46	23 46	16 51		n.a.
M25	2 2	2 1	4 48	3 58	1 4	5 8	0 22	4 9	0 45	18 47	0 15	19 23	1 22	21 22	0 5	17 25	1 9	13 38	16 44	23 46	23 46	16 49		n.a.
T 26	1 38	3s 3	4 59	3 13	0 58	5 39	0 19	3 52	0 44	18 50	0 15	19 21	1 22	21 22	0 5	17 25	1 9	13 38	16 44	23 46	23 46	16 47		n.a.
W27	1 14	8 4	4 56	2 27	0 52	6 11	0 17	3 36	0 44	18 53	0 15	19 20	1 23	21 22	0 5	17 25	1 9	13 39	16 44	23 46	23 46	16 45		n.a.
T 28	0 50	12 50	4 39	1 42	0 46	6 42	0 15	3 19	0 43	18 56	0 14	19 18	1 23	21 23	0 5	17 26	1 9	13 39	16 44	23 46	23 46	16 42		n.a.
F 29	0 25	17 5	4 6	0 57	0 40	7 13	0 12	3 2	0 43	18 58	0 14	19 17	1 23	21 23	0 5	17 26	1 9	13 40	16 44	23 46	23 46	16 40		n.a.
S 30	0n 1	20s34	3s21	0n11	0n33	7s44	0n 9	2n45	0n42	19s 1	0n14	19n16	1n23	21s24	0s 5	17s26	1s 9	13s40	16s44	23s46	23s46	16n38		n.a.

Julian Day Number = 1497037.5, Delta T = 05h09m59s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'29, Lahiri = -12°26'28 Julian Calendar 1 Sept. 615 BCE == Greg. Calendar 25 Aug. 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

OCTOBER 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 10 37	0♎57'20	1♐ 5	2♎25	21♎ 9	25♍29	25♏ 2	10♌17	4♐26	15°R41	4°R 1	29°R24	29♐35	4♌19	n.a.	S 1
M 2	0 14 33	1°57'40	14°37	4° 2	22°24	26°10	25°13	10°23	4°28	15♒40	4♈ 0	29♐22	29°32	4°26	n.a.	M 2
T 3	0 18 30	2°58'01	28°21	5°38	23°38	26°51	25°24	10°29	4°30	15°39	3°59	29°21	29°29	4°32	n.a.	T 3
W 4	0 22 26	3°58'24	12♑19	7°14	24°53	27°33	25°35	10°34	4°32	15°38	3°58	29°21	29°26	4°39	n.a.	W 4
T 5	0 26 23	4°58'48	26°30	8°50	26° 8	28°14	25°46	10°39	4°34	15°38	3°57	29°20	29°22	4°46	n.a.	T 5
F 6	0 30 19	5°59'14	10♒53	10°25	27°23	28°56	25°57	10°45	4°37	15°37	3°56	29°17	29°19	4°52	n.a.	F 6
S 7	0 34 16	6°59'41	25°26	12° 0	28°37	29°37	26° 8	10°50	4°39	15°36	3°55	29°11	29°16	4°59	n.a.	S 7
S 8	0 38 12	8° 0'09	10♓ 3	13°35	29°52	0♎19	26°20	10°55	4°41	15°35	3°54	29° 2	29°13	5° 6	n.a.	S 8
M 9	0 42 9	9° 0'39	24°39	15° 9	1♏ 7	1° 1	26°31	11° 0	4°43	15°34	3°52	28°51	29°10	5°12	n.a.	M 9
T 10	0 46 6	10° 1'11	9♈ 4	16°43	2°21	1°42	26°43	11° 5	4°46	15°33	3°51	28°38	29° 7	5°19	n.a.	T 10
W11	0 50 2	11° 1'45	23°13	18°16	3°36	2°24	26°54	11°10	4°48	15°32	3°50	28°27	29° 3	5°26	n.a.	W11
T 12	0 53 59	12° 2'20	7♉ 1	19°50	4°51	3° 6	27° 6	11°15	4°51	15°32	3°49	28°16	29° 0	5°32	n.a.	T 12
F 13	0 57 55	13° 2'57	20°24	21°23	6° 5	3°48	27°18	11°20	4°53	15°31	3°48	28° 9	28°57	5°39	n.a.	F 13
S 14	1 1 52	14° 3'36	3♊22	22°56	7°20	4°30	27°30	11°24	4°56	15°30	3°47	28° 4	28°54	5°46	n.a.	S 14
S 15	1 5 48	15° 4'17	15°57	24°28	8°34	5°12	27°41	11°29	4°58	15°30	3°46	28° 1	28°51	5°53	n.a.	S 15
M16	1 9 45	16° 4'59	28°13	26° 0	9°49	5°54	27°53	11°34	5° 1	15°29	3°45	28°D 0	28°47	5°59	n.a.	M16
T 17	1 13 41	17° 5'43	10♋15	27°33	11° 4	6°36	28° 6	11°38	5° 4	15°28	3°43	28° 1	28°44	6° 6	n.a.	T 17
W18	1 17 38	18° 6'29	22° 7	29° 4	12°18	7°18	28°18	11°42	5° 6	15°28	3°42	28°R 1	28°41	6°13	n.a.	W18
T 19	1 21 35	19° 7'17	3♌55	0♏36	13°33	8° 0	28°30	11°47	5° 9	15°27	3°41	28° 0	28°38	6°19	n.a.	T 19
F 20	1 25 31	20° 8'07	15°46	2° 7	14°47	8°42	28°42	11°51	5°12	15°27	3°40	27°56	28°35	6°26	n.a.	F 20
S 21	1 29 28	21° 8'58	27°43	3°38	16° 2	9°24	28°55	11°55	5°15	15°26	3°39	27°50	28°32	6°33	n.a.	S 21
S 22	1 33 24	22° 9'50	9♍50	5° 9	17°17	10° 6	29° 7	11°59	5°18	15°26	3°38	27°42	28°28	6°39	n.a.	S 22
M23	1 37 21	23°10'44	22°11	6°40	18°31	10°49	29°19	12° 3	5°20	15°25	3°37	27°31	28°25	6°46	n.a.	M23
T 24	1 41 17	24°11'40	4♎48	8°10	19°46	11°31	29°32	12° 7	5°23	15°25	3°36	27°20	28°22	6°53	n.a.	T 24
W25	1 45 14	25°12'36	17°40	9°40	21° 0	12°13	29°45	12°11	5°26	15°25	3°35	27° 8	28°19	6°59	n.a.	W25
T 26	1 49 10	26°13'35	0♏48	11°10	22°15	12°56	29°57	12°14	5°29	15°24	3°34	26°57	28°16	7° 6	n.a.	T 26
F 27	1 53 7	27°14'34	14° 9	12°39	23°29	13°38	0♐10	12°18	5°32	15°24	3°33	26°48	28°13	7°13	n.a.	F 27
S 28	1 57 4	28°15'35	27°43	14° 8	24°44	14°21	0°23	12°21	5°35	15°24	3°32	26°42	28° 9	7°19	n.a.	S 28
S 29	2 1 0	29°16'36	11♐25	15°36	25°58	15° 3	0°36	12°25	5°38	15°24	3°31	26°38	28° 6	7°26	n.a.	S 29
M30	2 4 57	0♏17'39	25°15	17° 4	27°13	15°46	0°49	12°28	5°41	15°24	3°30	26°D37	28° 3	7°33	n.a.	M30
T 31	2 8 53	1♏18'42	9♑11	18♏31	28♏27	16♎29	1♐ 2	12♌31	5♐44	15♒23	3♈29	26♐38	28♐ 0	7♌39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	0s23	23s 0	2s23	0s34	0n27	8s15	0n 7	2n28	0n42	19s 4	0n14	19n14	1n23	21s24	0s 5	17s27	1s 9	13s40	16s44	23s46	23s46	16n36			n.a.
M 2	0 47	24 9	1 17	1 19	0 20	8 46	0 4	2 11	0 42	19 7	0 14	19 13	1 23	21 24	0 5	17 27	1 9	13 41	16 44	23 46	23 46	16 33			n.a.
T 3	1 12	23 51	0 5	2 3	0 14	9 16	0 2	1 54	0 41	19 9	0 14	19 12	1 24	21 25	0 5	17 27	1 9	13 41	16 44	23 46	23 46	16 31			n.a.
W 4	1 36	22 4	1n 8	2 48	0 7	9 47	0s 1	1 36	0 41	19 12	0 14	19 10	1 24	21 25	0 5	17 28	1 9	13 42	16 44	23 46	23 46	16 29			n.a.
T 5	2 0	18 53	2 18	3 32	0 1	10 17	0 3	1 19	0 40	19 15	0 13	19 9	1 24	21 26	0 5	17 28	1 9	13 42	16 44	23 46	23 46	16 26			n.a.
F 6	2 25	14 32	3 21	4 16	0s 6	10 46	0 6	1 2	0 40	19 18	0 13	19 8	1 24	21 26	0 5	17 28	1 9	13 43	16 44	23 46	23 46	16 24			n.a.
S 7	2 49	9 17	4 11	5 0	0 12	11 16	0 9	0 45	0 39	19 21	0 13	19 6	1 24	21 26	0 5	17 28	1 9	13 43	16 44	23 46	23 46	16 22			n.a.
S 8	3 13	3 31	4 45	5 43	0 19	11 45	0 11	0 28	0 39	19 23	0 13	19 5	1 25	21 27	0 5	17 29	1 9	13 44	16 44	23 46	23 46	16 19			n.a.
M 9	3 37	2n25	5 0	6 26	0 25	12 14	0 14	0 10	0 38	19 26	0 13	19 4	1 25	21 27	0 5	17 29	1 9	13 44	16 44	23 46	23 46	16 17			n.a.
T 10	4 1	8 10	4 56	7 9	0 32	12 43	0 17	0s 7	0 38	19 29	0 13	19 3	1 25	21 28	0 5	17 29	1 9	13 44	16 44	23 46	23 46	16 15			n.a.
W11	4 25	13 22	4 33	7 51	0 38	13 11	0 19	0 24	0 37	19 32	0 13	19 1	1 25	21 28	0 5	17 29	1 9	13 45	16 44	23 46	23 46	16 13			n.a.
T 12	4 49	17 44	3 55	8 33	0 45	13 39	0 22	0 41	0 37	19 35	0 12	19 0	1 25	21 29	0 5	17 29	1 9	13 45	16 44	23 45	23 46	16 10			n.a.
F 13	5 13	21 4	3 5	9 14	0 51	14 7	0 25	0 59	0 36	19 38	0 12	18 59	1 25	21 29	0 5	17 30	1 9	13 45	16 44	23 45	23 46	16 8			n.a.
S 14	5 37	23 11	2 7	9 55	0 57	14 34	0 27	1 16	0 36	19 40	0 12	18 58	1 26	21 30	0 5	17 30	1 9	13 46	16 43	23 45	23 46	16 6			n.a.
S 15	6 1	24 4	1 4	10 35	1 3	15 1	0 30	1 33	0 35	19 43	0 12	18 57	1 26	21 30	0 5	17 30	1 8	13 46	16 43	23 45	23 46	16 3			n.a.
M16	6 25	23 44	0s 1	11 15	1 9	15 28	0 32	1 51	0 35	19 46	0 12	18 56	1 26	21 31	0 5	17 30	1 8	13 47	16 43	23 45	23 46	16 1			n.a.
T 17	6 48	22 18	1 5	11 55	1 15	15 54	0 35	2 8	0 34	19 49	0 12	18 55	1 26	21 31	0 5	17 30	1 8	13 47	16 43	23 45	23 46	15 59			n.a.
W18	7 12	19 53	2 5	12 33	1 21	16 20	0 38	2 25	0 34	19 52	0 12	18 54	1 27	21 32	0 5	17 31	1 8	13 47	16 43	23 45	23 46	15 56			n.a.
T 19	7 35	16 39	2 59	13 11	1 27	16 46	0 40	2 43	0 33	19 55	0 11	18 53	1 27	21 32	0 5	17 31	1 8	13 48	16 43	23 45	23 46	15 54			n.a.
F 20	7 59	12 45	3 46	13 49	1 32	17 11	0 43	3 0	0 33	19 58	0 11	18 52	1 27	21 33	0 5	17 31	1 8	13 48	16 43	23 45	23 46	15 52			n.a.
S 21	8 22	8 20	4 23	14 25	1 37	17 35	0 45	3 17	0 32	20 1	0 11	18 51	1 27	21 33	0 5	17 31	1 8	13 48	16 43	23 45	23 46	15 49			n.a.
S 22	8 45	3 32	4 49	15 1	1 42	17 59	0 48	3 34	0 32	20 3	0 11	18 50	1 27	21 34	0 5	17 31	1 8	13 49	16 43	23 45	23 46	15 47			n.a.
M23	9 8	1s28	5 2	15 37	1 47	18 23	0 50	3 52	0 31	20 6	0 11	18 49	1 28	21 34	0 5	17 31	1 8	13 49	16 43	23 45	23 46	15 45			n.a.
T 24	9 30	6 31	5 1	16 11	1 52	18 46	0 53	4 9	0 30	20 9	0 11	18 48	1 28	21 35	0 5	17 31	1 8	13 49	16 42	23 45	23 46	15 42			n.a.
W25	9 53	11 23	4 44	16 45	1 56	19 9	0 55	4 26	0 30	20 12	0 11	18 47	1 28	21 35	0 5	17 31	1 8	13 49	16 42	23 44	23 46	15 40			n.a.
T 26	10 16	15 51	4 13	17 17	2 0	19 31	0 58	4 43	0 29	20 15	0 11	18 46	1 28	21 36	0 5	17 31	1 8	13 50	16 42	23 44	23 45	15 38			n.a.
F 27	10 38	19 35	3 27	17 49	2 4	19 52	1 0	5 1	0 29	20 18	0 10	18 45	1 28	21 36	0 5	17 31	1 8	13 50	16 42	23 44	23 45	15 35			n.a.
S 28	11 0	22 19	2 28	18 20	2 8	20 13	1 3	5 18	0 28	20 21	0 10	18 45	1 29	21 37	0 5	17 31	1 8	13 50	16 42	23 44	23 45	15 33			n.a.
S 29	11 22	23 47	1 21	18 49	2 11	20 34	1 5	5 35	0 28	20 23	0 10	18 44	1 29	21 37	0 5	17 31	1 8	13 50	16 42	23 44	23 45	15 31			n.a.
M30	11 44	23 48	0 7	19 18	2 14	20 54	1 7	5 52	0 27	20 26	0 10	18 43	1 29	21 38	0 5	17 31	1 8	13 51	16 41	23 44	23 45	15 28			n.a.
T 31	12s 5	22s20	1n 7	19s45	2s16	21s13	1s 9	6s 9	0n27	20s29	0n10	18n42	1n29	21s38	0s 5	17s32	1s 8	13s51	16s41	23s44	23s45	15n26			n.a.

Julian Day Number = 1497067.5, Delta T = 05h09m57s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'25, Lahiri = -12°26'24 Julian Calendar 1 Oct. 615 BCE == Greg. Calendar 24 Sept. 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

NOVEMBER 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 12 50	2♏19'46	23♉13	19♏57	29♏42	17♎11	1♐15	12♌35	5♐48	15°R23	3°R28	26♐39	27♐57	7♌46	n.a.	W 1
T 2	2 16 46	3°20'51	7♒19	21°23	0♐56	17°54	1°28	12°38	5°51	15♒23	3♈27	26°R39	27°53	7°53	n.a.	T 2
F 3	2 20 43	4°21'56	21°28	22°47	2°10	18°37	1°41	12°40	5°54	15°D23	3°26	26°37	27°50	7°59	n.a.	F 3
S 4	2 24 39	5°23'02	5♓39	24°10	3°25	19°19	1°54	12°43	5°57	15°23	3°25	26°34	27°47	8° 6	n.a.	S 4
S 5	2 28 36	6°24'09	19°50	25°32	4°39	20° 2	2° 8	12°46	6° 0	15°23	3°24	26°28	27°44	8°13	n.a.	S 5
M 6	2 32 33	7°25'16	3♈56	26°52	5°53	20°45	2°21	12°49	6° 4	15°23	3°23	26°20	27°41	8°19	n.a.	M 6
T 7	2 36 29	8°26'23	17°53	28°10	7° 8	21°28	2°34	12°51	6° 7	15°23	3°22	26°12	27°38	8°26	n.a.	T 7
W 8	2 40 26	9°27'32	1♉38	29°26	8°22	22°11	2°47	12°53	6°10	15°24	3°21	26° 4	27°34	8°33	n.a.	W 8
T 9	2 44 22	10°28'41	15° 7	0♐39	9°36	22°54	3° 1	12°56	6°13	15°24	3°20	25°57	27°31	8°39	n.a.	T 9
F 10	2 48 19	11°29'51	28°18	1°49	10°50	23°37	3°14	12°58	6°17	15°24	3°19	25°51	27°28	8°46	n.a.	F 10
S 11	2 52 15	12°31'02	11♊ 8	2°55	12° 5	24°20	3°28	13° 0	6°20	15°24	3°19	25°48	27°25	8°53	n.a.	S 11
S 12	2 56 12	13°32'13	23°41	3°58	13°19	25° 3	3°41	13° 2	6°23	15°25	3°18	25°D47	27°22	8°59	n.a.	S 12
M13	3 0 8	14°33'26	5♋56	4°55	14°33	25°47	3°55	13° 4	6°27	15°25	3°17	25°47	27°19	9° 6	n.a.	M13
T 14	3 4 5	15°34'39	17°59	5°47	15°47	26°30	4° 9	13° 6	6°30	15°25	3°16	25°49	27°15	9°13	n.a.	T 14
W15	3 8 2	16°35'52	29°52	6°34	17° 1	27°13	4°22	13° 7	6°34	15°26	3°15	25°50	27°12	9°20	n.a.	W15
T 16	3 11 58	17°37'07	11♌42	7°13	18°15	27°56	4°36	13° 9	6°37	15°26	3°15	25°52	27° 9	9°26	n.a.	T 16
F 17	3 15 55	18°38'22	23°33	7°44	19°29	28°40	4°50	13°11	6°41	15°26	3°14	25°R52	27° 6	9°33	n.a.	F 17
S 18	3 19 51	19°39'38	5♍30	8° 6	20°43	29°23	5° 3	13°12	6°44	15°27	3°13	25°50	27° 3	9°40	n.a.	S 18
S 19	3 23 48	20°40'54	17°39	8°19	21°57	0♏ 7	5°17	13°13	6°48	15°27	3°12	25°47	26°59	9°46	n.a.	S 19
M20	3 27 44	21°42'11	0♎ 3	8°R21	23°11	0°50	5°31	13°14	6°51	15°28	3°12	25°43	26°56	9°53	n.a.	M20
T 21	3 31 41	22°43'28	12°45	8°12	24°25	1°34	5°45	13°15	6°55	15°29	3°11	25°37	26°53	10° 0	n.a.	T 21
W22	3 35 38	23°44'46	25°48	7°51	25°39	2°17	5°59	13°16	6°58	15°29	3°10	25°31	26°50	10° 6	n.a.	W22
T 23	3 39 34	24°46'04	9♏11	7°19	26°53	3° 1	6°12	13°17	7° 2	15°30	3°10	25°26	26°47	10°13	n.a.	T 23
F 24	3 43 31	25°47'23	22°54	6°35	28° 7	3°44	6°26	13°18	7° 5	15°31	3° 9	25°22	26°44	10°20	n.a.	F 24
S 25	3 47 27	26°48'41	6♐52	5°40	29°21	4°28	6°40	13°18	7° 9	15°31	3° 8	25°19	26°40	10°26	n.a.	S 25
S 26	3 51 24	27°50'00	21° 3	4°35	0♑35	5°12	6°54	13°19	7°12	15°32	3° 8	25°D18	26°37	10°33	n.a.	S 26
M27	3 55 20	28°51'19	5♑21	3°23	1°48	5°56	7° 8	13°19	7°16	15°33	3° 7	25°18	26°34	10°40	n.a.	M27
T 28	3 59 17	29°52'37	19°42	2° 5	3° 2	6°40	7°22	13°20	7°19	15°34	3° 7	25°19	26°31	10°46	n.a.	T 28
W29	4 3 13	0♐53'55	4♒ 2	0°45	4°16	7°23	7°36	13°20	7°23	15°35	3° 6	25°21	26°28	10°53	n.a.	W29
T 30	4 7 10	1♐55'13	18♒18	29♏23	5♑29	8♏ 7	7♐50	13°R20	7♐26	15♒36	3♈ 5	25♐22	26♐24	11♌ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12s27	19s29	2n18	20s11	2s18	21s32	1s12	6s26	0n26	20s32	0n10	18n42	1n30	21s39	0s 5	17s32	1s 8	13s51	16s41	23s44	23s45	15n23		n.a.
T 2	12 48	15 28	3 21	20 36	2 20	21 50	1 14	6 43	0 25	20 35	0 10	18 41	1 30	21 40	0 5	17 31	1 8	13 51	16 41	23 44	23 45	15 21		n.a.
F 3	13 9	10 35	4 11	21 0	2 21	22 7	1 16	7 0	0 25	20 38	0 10	18 41	1 30	21 40	0 5	17 31	1 8	13 52	16 41	23 44	23 45	15 19		n.a.
S 4	13 30	5 7	4 47	21 21	2 22	22 24	1 18	7 17	0 24	20 40	0 10	18 40	1 30	21 41	0 5	17 31	1 8	13 52	16 40	23 43	23 45	15 16		n.a.
S 5	13 50	0n35	5 5	21 42	2 22	22 40	1 20	7 34	0 24	20 43	0 9	18 39	1 31	21 41	0 5	17 31	1 8	13 52	16 40	23 43	23 45	15 14		n.a.
M 6	14 11	6 13	5 4	22 1	2 21	22 56	1 22	7 51	0 23	20 46	0 9	18 39	1 31	21 42	0 5	17 31	1 8	13 52	16 40	23 43	23 45	15 12		n.a.
T 7	14 31	11 30	4 46	22 18	2 20	23 11	1 24	8 8	0 23	20 49	0 9	18 38	1 31	21 42	0 5	17 31	1 8	13 52	16 40	23 43	23 45	15 9		n.a.
W 8	14 50	16 7	4 10	22 33	2 18	23 25	1 26	8 25	0 22	20 51	0 9	18 38	1 31	21 43	0 5	17 31	1 8	13 52	16 40	23 43	23 45	15 7		n.a.
T 9	15 10	19 48	3 22	22 46	2 15	23 39	1 28	8 42	0 21	20 54	0 9	18 37	1 31	21 44	0 5	17 31	1 8	13 53	16 39	23 42	23 45	15 4		n.a.
F 10	15 29	22 23	2 23	22 57	2 12	23 52	1 30	8 58	0 21	20 57	0 9	18 37	1 32	21 44	0 5	17 31	1 8	13 53	16 39	23 42	23 45	15 2		n.a.
S 11	15 48	23 43	1 19	23 7	2 7	24 4	1 32	9 15	0 20	21 0	0 9	18 37	1 32	21 45	0 5	17 31	1 8	13 53	16 39	23 42	23 45	15 0		n.a.
S 12	16 7	23 48	0 11	23 13	2 2	24 15	1 33	9 31	0 20	21 2	0 9	18 36	1 32	21 45	0 5	17 31	1 8	13 53	16 39	23 42	23 45	14 57		n.a.
M13	16 26	22 43	0s55	23 18	1 55	24 26	1 35	9 48	0 19	21 5	0 8	18 36	1 32	21 46	0 5	17 31	1 8	13 53	16 38	23 42	23 44	14 55		n.a.
T 14	16 44	20 36	1 58	23 20	1 48	24 36	1 37	10 4	0 18	21 8	0 8	18 36	1 33	21 47	0 5	17 31	1 8	13 53	16 38	23 42	23 44	14 53		n.a.
W15	17 2	17 37	2 55	23 20	1 39	24 45	1 38	10 21	0 18	21 10	0 8	18 35	1 33	21 47	0 5	17 30	1 8	13 53	16 38	23 42	23 44	14 50		n.a.
T 16	17 19	13 56	3 44	23 16	1 29	24 54	1 40	10 37	0 17	21 13	0 8	18 35	1 33	21 48	0 5	17 30	1 8	13 53	16 38	23 42	23 44	14 48		n.a.
F 17	17 37	9 42	4 24	23 10	1 17	25 1	1 41	10 53	0 17	21 16	0 8	18 35	1 33	21 48	0 5	17 30	1 8	13 53	16 37	23 42	23 44	14 45		n.a.
S 18	17 53	5 5	4 53	23 1	1 5	25 8	1 42	11 10	0 16	21 18	0 8	18 35	1 34	21 49	0 5	17 30	1 8	13 53	16 37	23 42	23 44	14 43		n.a.
S 19	18 10	0 13	5 9	22 49	0 50	25 15	1 44	11 26	0 15	21 21	0 8	18 35	1 34	21 50	0 5	17 30	1 8	13 53	16 37	23 42	23 44	14 41		n.a.
M20	18 26	4s46	5 11	22 34	0 35	25 20	1 45	11 42	0 15	21 24	0 8	18 35	1 34	21 50	0 5	17 30	1 7	13 54	16 37	23 42	23 44	14 38		n.a.
T 21	18 42	9 40	4 58	22 16	0 18	25 25	1 46	11 58	0 14	21 26	0 8	18 35	1 34	21 51	0 5	17 29	1 7	13 54	16 36	23 42	23 44	14 36		n.a.
W22	18 58	14 17	4 30	21 55	0n 0	25 29	1 47	12 13	0 13	21 29	0 7	18 34	1 35	21 51	0 5	17 29	1 7	13 54	16 36	23 42	23 44	14 33		n.a.
T 23	19 13	18 19	3 46	21 31	0 19	25 32	1 48	12 29	0 13	21 31	0 7	18 34	1 35	21 52	0 5	17 29	1 7	13 54	16 36	23 41	23 44	14 31		n.a.
F 24	19 28	21 28	2 48	21 4	0 39	25 34	1 49	12 45	0 12	21 34	0 7	18 34	1 35	21 53	0 5	17 29	1 7	13 54	16 35	23 41	23 44	14 28		n.a.
S 25	19 43	23 23	1 39	20 35	0 59	25 36	1 50	13 0	0 11	21 36	0 7	18 35	1 35	21 53	0 5	17 28	1 7	13 54	16 35	23 41	23 44	14 26		n.a.
S 26	19 57	23 51	0 23	20 3	1 19	25 37	1 51	13 16	0 11	21 39	0 7	18 35	1 36	21 54	0 5	17 28	1 7	13 53	16 35	23 41	23 44	14 24		n.a.
M27	20 11	22 45	0n55	19 31	1 39	25 37	1 51	13 31	0 10	21 41	0 7	18 35	1 36	21 54	0 5	17 28	1 7	13 53	16 35	23 41	23 43	14 21		n.a.
T 28	20 24	20 9	2 10	18 57	1 57	25 36	1 52	13 46	0 10	21 44	0 7	18 35	1 36	21 55	0 5	17 28	1 7	13 53	16 34	23 41	23 43	14 19		n.a.
W29	20 37	16 19	3 17	18 24	2 14	25 34	1 52	14 2	0 9	21 46	0 7	18 35	1 36	21 56	0 5	17 27	1 7	13 53	16 34	23 41	23 43	14 16		n.a.
T 30	20s50	11s34	4n12	17s52	2n30	25s32	1s53	14s17	0n 8	21s49	0n 7	18n35	1n37	21s56	0s 5	17s27	1s 7	13s53	16s34	23s41	23s43	14n14		n.a.

Julian Day Number = 1497098.5, Delta T = 05h09m56s
Ecliptic obliquity = 23°46'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'20, Lahiri = -12°26'20 Julian Calendar 1 Nov. 615 BCE == Greg. Calendar 25 Oct. 615 BCE

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ASTRODIENST EPHEMERIS for the year 615 BCE
geocentric

DECEMBER 615 BCE (-614) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 11 7	2♐56'30	2♓28	28°R 4	6♉43	8♏51	8♐ 4	13°R20	7♐30	15♒36	3°R 5	25°R23	26♐21	11♌ 6	n.a.	F 1
S 2	4 15 3	3°57'46	16°29	26♏50	7°57	9°35	8°18	13♌20	7°34	15°37	3♈ 4	25♐22	26°18	11°13	n.a.	S 2
S 3	4 19 0	4°59'02	0♈21	25°43	9°10	10°19	8°32	13°19	7°37	15°38	3° 4	25°21	26°15	11°20	n.a.	S 3
M 4	4 22 56	6° 0'18	14° 3	24°43	10°24	11° 3	8°46	13°19	7°41	15°39	3° 4	25°18	26°12	11°26	n.a.	M 4
T 5	4 26 53	7° 1'32	27°32	23°53	11°37	11°47	9° 0	13°18	7°44	15°41	3° 3	25°16	26° 9	11°33	n.a.	T 5
W 6	4 30 49	8° 2'47	10♉49	23°13	12°50	12°31	9°14	13°18	7°48	15°42	3° 3	25°13	26° 5	11°40	n.a.	W 6
T 7	4 34 46	9° 4'01	23°53	22°42	14° 4	13°16	9°28	13°17	7°52	15°43	3° 2	25°11	26° 2	11°47	n.a.	T 7
F 8	4 38 42	10° 5'14	6♊43	22°22	15°17	14° 0	9°42	13°16	7°55	15°44	3° 2	25° 9	25°59	11°53	n.a.	F 8
S 9	4 42 39	11° 6'27	19°18	22°11	16°30	14°44	9°56	13°15	7°59	15°45	3° 2	25°D 8	25°56	12° 0	n.a.	S 9
S 10	4 46 36	12° 7'40	1♋40	22°D 9	17°43	15°28	10°10	13°14	8° 2	15°46	3° 1	25° 8	25°53	12° 7	n.a.	S 10
M11	4 50 32	13° 8'52	13°51	22°16	18°56	16°13	10°24	13°13	8° 6	15°48	3° 1	25° 9	25°50	12°13	n.a.	M11
T 12	4 54 29	14°10'04	25°51	22°30	20° 9	16°57	10°38	13°12	8°10	15°49	3° 1	25°10	25°46	12°20	n.a.	T 12
W13	4 58 25	15°11'15	7♌44	22°52	21°22	17°41	10°52	13°11	8°13	15°50	3° 0	25°11	25°43	12°27	n.a.	W13
T 14	5 2 22	16°12'26	19°35	23°20	22°35	18°26	11° 6	13° 9	8°17	15°51	3° 0	25°12	25°40	12°33	n.a.	T 14
F 15	5 6 18	17°13'36	1♍25	23°54	23°48	19°10	11°20	13° 8	8°20	15°53	3° 0	25°13	25°37	12°40	n.a.	F 15
S 16	5 10 15	18°14'46	13°22	24°33	25° 1	19°55	11°34	13° 6	8°24	15°54	3° 0	25°R13	25°34	12°47	n.a.	S 16
S 17	5 14 12	19°15'55	25°28	25°17	26°14	20°39	11°48	13° 4	8°27	15°56	3° 0	25°13	25°30	12°53	n.a.	S 17
M18	5 18 8	20°17'04	7♎50	26° 6	27°26	21°24	12° 2	13° 2	8°31	15°57	2°59	25°13	25°27	13° 0	n.a.	M18
T 19	5 22 5	21°18'12	20°30	26°58	28°39	22° 9	12°16	13° 0	8°34	15°58	2°59	25°12	25°24	13° 7	n.a.	T 19
W20	5 26 1	22°19'19	3♏33	27°54	29°51	22°53	12°30	12°58	8°38	16° 0	2°59	25°12	25°21	13°14	n.a.	W20
T 21	5 29 58	23°20'26	17° 0	28°53	1♒ 4	23°38	12°44	12°56	8°41	16° 2	2°59	25°12	25°18	13°20	n.a.	T 21
F 22	5 33 54	24°21'32	0♐52	29°55	2°16	24°23	12°58	12°54	8°45	16° 3	2°59	25°12	25°15	13°27	n.a.	F 22
S 23	5 37 51	25°22'37	15° 6	1♐ 0	3°29	25° 7	13°12	12°51	8°48	16° 5	2°59	25°D12	25°11	13°34	n.a.	S 23
S 24	5 41 47	26°23'42	29°39	2° 6	4°41	25°52	13°26	12°49	8°52	16° 6	2°D59	25°R12	25° 8	13°40	n.a.	S 24
M25	5 45 44	27°24'45	14♑24	3°15	5°53	26°37	13°40	12°46	8°55	16° 8	2°59	25°12	25° 5	13°47	n.a.	M25
T 26	5 49 41	28°25'47	29°14	4°27	7° 5	27°22	13°53	12°44	8°59	16°10	2°59	25°11	25° 2	13°54	n.a.	T 26
W27	5 53 37	29°26'48	14♒ 2	5°39	8°17	28° 7	14° 7	12°41	9° 2	16°11	2°59	25°11	24°59	14° 0	n.a.	W27
T 28	5 57 34	0♑27'47	28°41	6°54	9°29	28°52	14°21	12°38	9° 6	16°13	2°59	25°10	24°56	14° 7	n.a.	T 28
F 29	6 1 30	1°28'44	13♓ 5	8°10	10°41	29°37	14°35	12°35	9° 9	16°15	2°59	25°10	24°52	14°14	n.a.	F 29
S 30	6 5 27	2°29'40	27°11	9°28	11°52	0♐22	14°49	12°32	9°12	16°16	2°59	25°D10	24°49	14°20	n.a.	S 30
S 31	6 9 23	3♑30'35	10♈59	10♐46	13♒ 4	1♐ 7	15♐ 2	12♌29	9♐16	16♒18	3♈ 0	25♐10	24♐46	14♌27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s 2	6s14	4n50	17s21	2n43	25s29	1s53	14s32	0n 8	21s51	0n 6	18n36	1n37	21s57	0s 5	17s27	1s 7	13s53	16s33	23s41	23s43	14n12		n.a.
S 2	21 14	0 38	5 11	16 54	2 54	25 25	1 54	14 46	0 7	21 53	0 6	18 36	1 37	21 58	0 5	17 26	1 7	13 53	16 33	23 41	23 43	14 9		n.a.
S 3	21 25	4n56	5 14	16 30	3 2	25 20	1 54	15 1	0 6	21 56	0 6	18 36	1 37	21 58	0 5	17 26	1 7	13 53	16 33	23 41	23 43	14 7		n.a.
M 4	21 36	10 11	4 59	16 10	3 9	25 15	1 54	15 16	0 6	21 58	0 6	18 37	1 38	21 59	0 5	17 26	1 7	13 53	16 32	23 41	23 43	14 4		n.a.
T 5	21 47	14 53	4 27	15 54	3 12	25 9	1 54	15 30	0 5	22 0	0 6	18 37	1 38	21 59	0 5	17 25	1 7	13 53	16 32	23 41	23 43	14 2		n.a.
W 6	21 57	18 46	3 41	15 42	3 14	25 2	1 54	15 45	0 4	22 3	0 6	18 37	1 38	22 0	0 5	17 25	1 7	13 53	16 32	23 41	23 43	13 59		n.a.
T 7	22 7	21 39	2 44	15 34	3 14	24 54	1 54	15 59	0 4	22 5	0 6	18 38	1 38	22 1	0 5	17 25	1 7	13 52	16 31	23 41	23 43	13 57		n.a.
F 8	22 16	23 22	1 40	15 31	3 12	24 46	1 54	16 13	0 3	22 7	0 6	18 38	1 39	22 1	0 5	17 24	1 7	13 52	16 31	23 41	23 42	13 55		n.a.
S 9	22 25	23 52	0 32	15 31	3 9	24 36	1 53	16 27	0 2	22 9	0 6	18 39	1 39	22 2	0 5	17 24	1 7	13 52	16 31	23 41	23 42	13 52		n.a.
S 10	22 33	23 9	0s36	15 35	3 5	24 27	1 53	16 41	0 1	22 11	0 5	18 39	1 39	22 2	0 5	17 24	1 7	13 52	16 30	23 41	23 42	13 50		n.a.
M11	22 41	21 21	1 42	15 42	2 59	24 16	1 53	16 54	0 1	22 14	0 5	18 40	1 39	22 3	0 5	17 23	1 7	13 52	16 30	23 41	23 42	13 47		n.a.
T 12	22 49	18 37	2 42	15 52	2 53	24 5	1 52	17 8	0 0	22 16	0 5	18 40	1 39	22 3	0 5	17 23	1 7	13 51	16 30	23 41	23 42	13 45		n.a.
W13	22 56	15 7	3 35	16 4	2 46	23 53	1 51	17 21	0s 1	22 18	0 5	18 41	1 40	22 4	0 5	17 22	1 7	13 51	16 29	23 41	23 42	13 42		n.a.
T 14	23 3	11 4	4 18	16 18	2 39	23 40	1 51	17 34	0 1	22 20	0 5	18 42	1 40	22 5	0 5	17 22	1 7	13 51	16 29	23 41	23 42	13 40		n.a.
F 15	23 9	6 36	4 51	16 35	2 31	23 26	1 50	17 47	0 2	22 22	0 5	18 42	1 40	22 5	0 5	17 21	1 7	13 51	16 29	23 41	23 42	13 37		n.a.
S 16	23 14	1 51	5 11	16 52	2 22	23 12	1 49	18 0	0 3	22 24	0 5	18 43	1 40	22 6	0 5	17 21	1 7	13 51	16 28	23 41	23 42	13 35		n.a.
S 17	23 20	3s 1	5 17	17 11	2 14	22 58	1 48	18 13	0 3	22 26	0 5	18 44	1 41	22 6	0 5	17 21	1 7	13 50	16 28	23 41	23 41	13 32		n.a.
M18	23 24	7 53	5 10	17 32	2 5	22 42	1 47	18 26	0 4	22 28	0 5	18 45	1 41	22 7	0 5	17 20	1 7	13 50	16 28	23 41	23 41	13 30		n.a.
T 19	23 29	12 32	4 47	17 52	1 56	22 26	1 46	18 38	0 5	22 30	0 5	18 45	1 41	22 8	0 5	17 20	1 7	13 50	16 27	23 41	23 41	13 28		n.a.
W20	23 33	16 46	4 9	18 14	1 47	22 9	1 44	18 50	0 6	22 32	0 4	18 46	1 41	22 8	0 5	17 19	1 7	13 50	16 27	23 41	23 41	13 25		n.a.
T 21	23 36	20 17	3 17	18 36	1 37	21 52	1 43	19 2	0 6	22 34	0 4	18 47	1 42	22 9	0 5	17 19	1 7	13 49	16 26	23 41	23 41	13 23		n.a.
F 22	23 39	22 45	2 11	18 59	1 28	21 34	1 41	19 14	0 7	22 36	0 4	18 48	1 42	22 9	0 5	17 18	1 7	13 49	16 26	23 41	23 41	13 20		n.a.
S 23	23 41	23 51	0 56	19 21	1 19	21 16	1 40	19 26	0 8	22 38	0 4	18 49	1 42	22 10	0 5	17 18	1 7	13 49	16 26	23 41	23 41	13 18		n.a.
S 24	23 43	23 21	0n25	19 44	1 10	20 57	1 38	19 38	0 9	22 40	0 4	18 50	1 42	22 10	0 5	17 17	1 7	13 48	16 25	23 41	23 41	13 15		n.a.
M25	23 45	21 15	1 45	20 6	1 1	20 37	1 36	19 49	0 9	22 41	0 4	18 51	1 42	22 11	0 5	17 17	1 7	13 48	16 25	23 41	23 41	13 13		n.a.
T 26	23 46	17 41	2 58	20 28	0 52	20 17	1 35	20 0	0 10	22 43	0 4	18 52	1 43	22 11	0 5	17 16	1 7	13 48	16 25	23 41	23 40	13 10		n.a.
W27	23 46	13 2	3 59	20 50	0 43	19 56	1 33	20 11	0 11	22 45	0 4	18 53	1 43	22 12	0 5	17 16	1 7	13 47	16 24	23 41	23 40	13 8		n.a.
T 28	23 46	7 39	4 44	21 12	0 34	19 35	1 31	20 22	0 12	22 47	0 4	18 54	1 43	22 13	0 6	17 15	1 7	13 47	16 24	23 41	23 40	13 5		n.a.
F 29	23 46	1 58	5 10	21 33	0 26	19 13	1 28	20 33	0 12	22 48	0 3	18 55	1 43	22 13	0 6	17 15	1 7	13 47	16 24	23 41	23 40	13 3		n.a.
S 30	23 45	3n42	5 17	21 54	0 17	18 51	1 26	20 43	0 13	22 50	0 3	18 56	1 44	22 14	0 6	17 14	1 7	13 46	16 23	23 41	23 40	13 0		n.a.
S 31	23s43	9n 4	5n 5	22s13	0n 9	18s28	1s24	20s53	0s14	22s52	0n 3	18n57	1n44	22s14	0s 6	17s13	1s 7	13s46	16s23	23s41	23s40	12n58		n.a.

Julian Day Number = 1497128.5, Delta T = 05h09m54s
Ecliptic obliquity = 23°46'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'16, Lahiri = -12°26'16 Julian Calendar 1 Dec. 615 BCE == Greg. Calendar 24 Nov. 615 BCE

The year -614 astronomical counting style corresponds to year 615 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

JANUARY 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 13 20	4♉31'28	24♈28	12♐ 7	14♒16	1♐52	15♐16	12°R26	9♐19	16♒20	3♈ 0	25♐10	24♐43	14♌34	n.a.	M 1
T 2	6 17 17	5°32'19	7♉39	13°28	15°27	2°37	15°30	12♌23	9°22	16°22	3° 0	25°11	24°40	14°40	n.a.	T 2
W 3	6 21 13	6°33'09	20°34	14°50	16°38	3°22	15°43	12°19	9°26	16°24	3° 0	25°12	24°36	14°47	n.a.	W 3
T 4	6 25 10	7°33'57	3♊15	16°14	17°49	4° 7	15°57	12°16	9°29	16°25	3° 0	25°13	24°33	14°54	n.a.	T 4
F 5	6 29 6	8°34'44	15°44	17°39	19° 1	4°52	16°10	12°13	9°32	16°27	3° 1	25°14	24°30	15° 1	n.a.	F 5
S 6	6 33 3	9°35'29	28° 2	19° 4	20°11	5°37	16°24	12° 9	9°36	16°29	3° 1	25°R14	24°27	15° 7	n.a.	S 6
S 7	6 36 59	10°36'12	10♋11	20°31	21°22	6°22	16°37	12° 5	9°39	16°31	3° 1	25°13	24°24	15°14	n.a.	S 7
M 8	6 40 56	11°36'54	22°13	21°59	22°33	7° 8	16°51	12° 2	9°42	16°33	3° 1	25°12	24°21	15°21	n.a.	M 8
T 9	6 44 52	12°37'35	4♌ 9	23°27	23°44	7°53	17° 4	11°58	9°45	16°35	3° 2	25°10	24°17	15°27	n.a.	T 9
W10	6 48 49	13°38'14	16° 1	24°57	24°54	8°38	17°17	11°54	9°48	16°37	3° 2	25° 7	24°14	15°34	n.a.	W10
T 11	6 52 46	14°38'51	27°51	26°27	26° 4	9°24	17°31	11°50	9°51	16°39	3° 3	25° 3	24°11	15°41	n.a.	T 11
F 12	6 56 42	15°39'27	9♍43	27°58	27°15	10° 9	17°44	11°46	9°54	16°41	3° 3	25° 0	24° 8	15°47	n.a.	F 12
S 13	7 0 39	16°40'02	21°39	29°31	28°25	10°54	17°57	11°42	9°58	16°43	3° 3	24°57	24° 5	15°54	n.a.	S 13
S 14	7 4 35	17°40'35	3♎44	1♏ 4	29°35	11°40	18°10	11°38	10° 1	16°45	3° 4	24°56	24° 2	16° 1	n.a.	S 14
M15	7 8 32	18°41'06	16° 2	2°38	0♓44	12°25	18°23	11°34	10° 4	16°47	3° 4	24°D55	23°58	16° 8	n.a.	M15
T 16	7 12 28	19°41'37	28°36	4°13	1°54	13°11	18°36	11°30	10° 7	16°49	3° 5	24°55	23°55	16°14	n.a.	T 16
W17	7 16 25	20°42'05	11♏32	5°48	3° 3	13°56	18°49	11°26	10°10	16°51	3° 5	24°56	23°52	16°21	n.a.	W17
T 18	7 20 21	21°42'33	24°53	7°25	4°13	14°42	19° 2	11°21	10°12	16°53	3° 6	24°58	23°49	16°28	n.a.	T 18
F 19	7 24 18	22°42'58	8♐41	9° 3	5°22	15°27	19°15	11°17	10°15	16°55	3° 6	24°59	23°46	16°34	n.a.	F 19
S 20	7 28 15	23°43'23	22°56	10°42	6°31	16°13	19°28	11°13	10°18	16°57	3° 7	25°R 0	23°42	16°41	n.a.	S 20
S 21	7 32 11	24°43'45	7♑36	12°21	7°40	16°58	19°41	11° 8	10°21	17° 0	3° 8	24°59	23°39	16°48	n.a.	S 21
M22	7 36 8	25°44'06	22°35	14° 2	8°49	17°44	19°54	11° 4	10°24	17° 2	3° 8	24°57	23°36	16°54	n.a.	M22
T 23	7 40 4	26°44'25	7♒46	15°43	9°57	18°30	20° 6	10°59	10°27	17° 4	3° 9	24°54	23°33	17° 1	n.a.	T 23
W24	7 44 1	27°44'42	22°57	17°26	11° 6	19°15	20°19	10°55	10°29	17° 6	3° 9	24°49	23°30	17° 8	n.a.	W24
T 25	7 47 57	28°44'57	7♓59	19°10	12°14	20° 1	20°31	10°50	10°32	17° 8	3°10	24°44	23°27	17°14	n.a.	T 25
F 26	7 51 54	29°45'09	22°44	20°54	13°22	20°47	20°44	10°46	10°35	17°10	3°11	24°39	23°23	17°21	n.a.	F 26
S 27	7 55 50	0♒45'20	7♈ 5	22°40	14°30	21°32	20°56	10°41	10°37	17°13	3°11	24°36	23°20	17°28	n.a.	S 27
S 28	7 59 47	1°45'28	21° 1	24°27	15°37	22°18	21° 9	10°36	10°40	17°15	3°12	24°34	23°17	17°35	n.a.	S 28
M29	8 3 44	2°45'34	4♉30	26°14	16°45	23° 4	21°21	10°32	10°42	17°17	3°13	24°D33	23°14	17°41	n.a.	M29
T 30	8 7 40	3°45'37	17°35	28° 3	17°52	23°50	21°33	10°27	10°45	17°19	3°14	24°34	23°11	17°48	n.a.	T 30
W31	8 11 37	4♒45'39	0♊20	29♉53	18♓59	24♐35	21♐45	10♌22	10♐47	17♒21	3♈14	24♐35	23♐ 8	17♌55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s41	13n53	4n37	22s33	0n 1	18s 5	1s22	21s 3	0s14	22s53	0n 3	18n58	1n44	22s15	0s 6	17s13	1s 7	13s45	16s23	23s41	23s40	12n55			n.a.
T 2	23 39	17 56	3 54	22 51	0s 7	17 41	1 19	21 13	0 15	22 55	0 3	18 59	1 44	22 15	0 6	17 12	1 7	13 45	16 22	23 41	23 40	12 53			n.a.
W 3	23 36	21 2	3 1	23 9	0 15	17 17	1 17	21 23	0 16	22 57	0 3	19 0	1 44	22 16	0 6	17 12	1 6	13 45	16 22	23 41	23 39	12 50			n.a.
T 4	23 33	23 2	1 59	23 25	0 23	16 52	1 14	21 32	0 17	22 58	0 3	19 1	1 45	22 16	0 6	17 11	1 6	13 44	16 21	23 41	23 39	12 48			n.a.
F 5	23 29	23 52	0 52	23 41	0 30	16 27	1 11	21 41	0 18	23 0	0 3	19 3	1 45	22 17	0 6	17 11	1 6	13 44	16 21	23 41	23 39	12 45			n.a.
S 6	23 25	23 30	0s16	23 56	0 37	16 2	1 8	21 50	0 18	23 1	0 3	19 4	1 45	22 17	0 6	17 10	1 6	13 43	16 21	23 41	23 39	12 43			n.a.
S 7	23 20	22 1	1 22	24 10	0 44	15 36	1 5	21 59	0 19	23 3	0 2	19 5	1 45	22 18	0 6	17 9	1 6	13 43	16 20	23 41	23 39	12 40			n.a.
M 8	23 15	19 33	2 24	24 22	0 51	15 10	1 2	22 7	0 20	23 4	0 2	19 6	1 45	22 18	0 6	17 9	1 6	13 42	16 20	23 41	23 39	12 38			n.a.
T 9	23 10	16 16	3 19	24 34	0 57	14 44	0 59	22 16	0 21	23 6	0 2	19 7	1 46	22 19	0 6	17 8	1 6	13 42	16 20	23 41	23 39	12 35			n.a.
W10	23 4	12 22	4 5	24 44	1 4	14 17	0 56	22 24	0 21	23 7	0 2	19 9	1 46	22 19	0 6	17 8	1 6	13 42	16 19	23 41	23 38	12 33			n.a.
T 11	22 57	8 0	4 40	24 53	1 10	13 50	0 53	22 32	0 22	23 8	0 2	19 10	1 46	22 20	0 6	17 7	1 6	13 41	16 19	23 41	23 38	12 30			n.a.
F 12	22 50	3 21	5 4	25 1	1 15	13 22	0 50	22 39	0 23	23 10	0 2	19 11	1 46	22 20	0 6	17 6	1 6	13 41	16 19	23 40	23 38	12 28			n.a.
S 13	22 43	1s27	5 14	25 7	1 21	12 54	0 46	22 47	0 24	23 11	0 2	19 13	1 46	22 21	0 6	17 6	1 6	13 40	16 18	23 40	23 38	12 25			n.a.
S 14	22 35	6 15	5 11	25 12	1 26	12 26	0 43	22 54	0 24	23 12	0 2	19 14	1 46	22 21	0 6	17 5	1 6	13 40	16 18	23 40	23 38	12 23			n.a.
M15	22 27	10 54	4 54	25 15	1 31	11 58	0 39	23 1	0 25	23 14	0 2	19 15	1 47	22 22	0 6	17 4	1 6	13 39	16 18	23 40	23 38	12 20			n.a.
T 16	22 18	15 12	4 22	25 17	1 35	11 30	0 35	23 7	0 26	23 15	0 2	19 17	1 47	22 22	0 6	17 4	1 6	13 39	16 17	23 40	23 38	12 18			n.a.
W17	22 9	18 56	3 37	25 18	1 40	11 1	0 32	23 14	0 27	23 16	0 1	19 18	1 47	22 22	0 6	17 3	1 6	13 38	16 17	23 40	23 37	12 15			n.a.
T 18	21 59	21 48	2 38	25 17	1 44	10 32	0 28	23 20	0 28	23 17	0 1	19 19	1 47	22 23	0 6	17 2	1 6	13 38	16 17	23 40	23 37	12 13			n.a.
F 19	21 50	23 31	1 28	25 14	1 47	10 2	0 24	23 26	0 28	23 18	0 1	19 21	1 47	22 23	0 6	17 2	1 6	13 37	16 16	23 40	23 37	12 10			n.a.
S 20	21 39	23 46	0 11	25 10	1 50	9 33	0 20	23 32	0 29	23 20	0 1	19 22	1 47	22 24	0 6	17 1	1 6	13 37	16 16	23 40	23 37	12 8			n.a.
S 21	21 28	22 24	1n 9	25 4	1 53	9 3	0 16	23 37	0 30	23 21	0 1	19 23	1 47	22 24	0 6	17 1	1 6	13 36	16 16	23 40	23 37	12 5			n.a.
M22	21 17	19 27	2 25	24 56	1 56	8 33	0 12	23 42	0 31	23 22	0 1	19 25	1 48	22 25	0 6	17 0	1 6	13 35	16 15	23 40	23 37	12 3			n.a.
T 23	21 6	15 9	3 33	24 47	1 58	8 3	0 8	23 47	0 31	23 23	0 1	19 26	1 48	22 25	0 6	16 59	1 6	13 35	16 15	23 40	23 37	12 0			n.a.
W24	20 54	9 53	4 25	24 36	2 0	7 33	0 3	23 52	0 32	23 24	0 1	19 28	1 48	22 25	0 6	16 59	1 6	13 34	16 15	23 40	23 36	11 58			n.a.
T 25	20 42	4 5	4 59	24 23	2 1	7 3	0n 1	23 56	0 33	23 25	0 1	19 29	1 48	22 26	0 6	16 58	1 6	13 34	16 14	23 40	23 36	11 55			n.a.
F 26	20 29	1n50	5 12	24 8	2 2	6 33	0 5	24 0	0 34	23 26	0 0	19 30	1 48	22 26	0 6	16 57	1 6	13 33	16 14	23 40	23 36	11 53			n.a.
S 27	20 16	7 30	5 4	23 51	2 3	6 2	0 10	24 4	0 35	23 27	0 0	19 32	1 48	22 27	0 6	16 56	1 6	13 33	16 14	23 39	23 36	11 50			n.a.
S 28	20 2	12 37	4 39	23 32	2 3	5 32	0 14	24 8	0 35	23 28	0 0	19 33	1 48	22 27	0 6	16 56	1 6	13 32	16 13	23 39	23 36	11 48			n.a.
M29	19 49	16 57	3 59	23 12	2 2	5 1	0 19	24 11	0 36	23 29	0 0	19 35	1 48	22 27	0 6	16 55	1 6	13 32	16 13	23 39	23 36	11 45			n.a.
T 30	19 35	20 19	3 8	22 49	2 2	4 30	0 24	24 14	0 37	23 30	0s 0	19 36	1 49	22 28	0 6	16 54	1 6	13 31	16 13	23 39	23 35	11 43			n.a.
W31	19s20	22n35	2n 8	22s25	2s 0	3s59	0n28	24s17	0s38	23s31	0s 0	19n37	1n49	22s28	0s 6	16s54	1s 6	13s30	16s12	23s39	23s35	11n40			n.a.

Julian Day Number = 1497159.5, Delta T = 05h09m53s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'12, Lahiri = -12°26'12 Julian Calendar 1 Jan. 614 BCE == Greg. Calendar 25 Dec. 615 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

FEBRUARY 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 15 33	5♒45'38	12♊47	1♒44	20♓ 5	25♐21	21♐57	10°R18	10♐50	17♒24	3♈15	24♐37	23♐ 4	18♌ 1	n.a.	T 1
F 2	8 19 30	6°45'34	25° 2	3°36	21°12	26° 7	22° 9	10♌13	10°52	17°26	3°16	24°R38	23° 1	18° 8	n.a.	F 2
S 3	8 23 26	7°45'29	7♋ 7	5°29	22°18	26°53	22°21	10° 8	10°55	17°28	3°17	24°37	22°58	18°15	n.a.	S 3
S 4	8 27 23	8°45'21	19° 5	7°23	23°24	27°39	22°33	10° 3	10°57	17°30	3°18	24°34	22°55	18°21	n.a.	S 4
M 5	8 31 19	9°45'12	0♌59	9°18	24°30	28°25	22°44	9°59	10°59	17°33	3°19	24°29	22°52	18°28	n.a.	M 5
T 6	8 35 16	10°45'00	12°51	11°14	25°35	29°10	22°56	9°54	11° 1	17°35	3°20	24°21	22°48	18°35	n.a.	T 6
W 7	8 39 13	11°44'45	24°42	13°11	26°41	29°56	23° 8	9°49	11° 4	17°37	3°20	24°13	22°45	18°42	n.a.	W 7
T 8	8 43 9	12°44'29	6♍34	15° 8	27°46	0♑42	23°19	9°44	11° 6	17°39	3°21	24° 3	22°42	18°48	n.a.	T 8
F 9	8 47 6	13°44'11	18°29	17° 7	28°50	1°28	23°30	9°40	11° 8	17°42	3°22	23°53	22°39	18°55	n.a.	F 9
S 10	8 51 2	14°43'51	0♎29	19° 6	29°55	2°14	23°42	9°35	11°10	17°44	3°23	23°45	22°36	19° 2	n.a.	S 10
S 11	8 54 59	15°43'28	12°37	21° 5	0♈59	3° 0	23°53	9°30	11°12	17°46	3°24	23°38	22°33	19° 8	n.a.	S 11
M12	8 58 55	16°43'04	24°55	23° 4	2° 3	3°46	24° 4	9°26	11°14	17°49	3°25	23°33	22°29	19°15	n.a.	M12
T 13	9 2 52	17°42'38	7♏27	25° 4	3° 6	4°32	24°15	9°21	11°16	17°51	3°26	23°31	22°26	19°22	n.a.	T 13
W14	9 6 48	18°42'10	20°17	27° 3	4°10	5°18	24°26	9°16	11°18	17°53	3°27	23°D30	22°23	19°28	n.a.	W14
T 15	9 10 45	19°41'41	3♐29	29° 2	5°12	6° 4	24°37	9°12	11°20	17°55	3°28	23°31	22°20	19°35	n.a.	T 15
F 16	9 14 41	20°41'09	17° 7	1♓ 0	6°15	6°50	24°48	9° 7	11°21	17°58	3°29	23°R31	22°17	19°42	n.a.	F 16
S 17	9 18 38	21°40'36	1♑12	2°57	7°17	7°36	24°58	9° 3	11°23	18° 0	3°30	23°31	22°14	19°49	n.a.	S 17
S 18	9 22 35	22°40'01	15°44	4°52	8°19	8°22	25° 9	8°58	11°25	18° 2	3°31	23°29	22°10	19°55	n.a.	S 18
M19	9 26 31	23°39'24	0♒39	6°46	9°21	9° 8	25°19	8°53	11°27	18° 4	3°32	23°25	22° 7	20° 2	n.a.	M19
T 20	9 30 28	24°38'44	15°52	8°37	10°22	9°54	25°29	8°49	11°28	18° 7	3°34	23°18	22° 4	20° 9	n.a.	T 20
W21	9 34 24	25°38'03	1♓11	10°25	11°23	10°40	25°40	8°45	11°30	18° 9	3°35	23° 9	22° 1	20°15	n.a.	W21
T 22	9 38 21	26°37'19	16°25	12°10	12°23	11°26	25°50	8°40	11°31	18°11	3°36	23° 0	21°58	20°22	n.a.	T 22
F 23	9 42 17	27°36'33	1♈25	13°52	13°23	12°12	26° 0	8°36	11°33	18°13	3°37	22°50	21°54	20°29	n.a.	F 23
S 24	9 46 14	28°35'44	16° 0	15°29	14°22	12°58	26°10	8°31	11°34	18°16	3°38	22°42	21°51	20°35	n.a.	S 24
S 25	9 50 10	29°34'54	0♉ 7	17° 2	15°22	13°44	26°19	8°27	11°36	18°18	3°39	22°37	21°48	20°42	n.a.	S 25
M26	9 54 7	0♓34'00	13°44	18°30	16°20	14°30	26°29	8°23	11°37	18°20	3°40	22°33	21°45	20°49	n.a.	M26
T 27	9 58 4	1°33'05	26°53	19°54	17°18	15°16	26°39	8°19	11°38	18°22	3°42	22°D32	21°42	20°56	n.a.	T 27
W28	10 2 0	2♓32'07	9♊37	21♓11	18♈16	16♑ 2	26♐48	8♌15	11♐39	18♒25	3♈43	22♐32	21♐39	21♌ 2	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 5	23n42	1n 4	21s58	1s58	3s28	0n33	24s20	0s39	23s31	0s 0	19n39	1n49	22s28	0s 6	16s53	1s 6	13s30	16s12	23s39	23s35	11n38		n.a.
F 2	18 50	23 38	0s 2	21 30	1 56	2 58	0 38	24 22	0 39	23 32	0 0	19 40	1 49	22 29	0 6	16 52	1 6	13 29	16 12	23 39	23 35	11 35		n.a.
S 3	18 35	22 27	1 7	20 59	1 53	2 27	0 43	24 24	0 40	23 33	0 0	19 42	1 49	22 29	0 6	16 52	1 6	13 29	16 11	23 39	23 35	11 33		n.a.
S 4	18 19	20 16	2 9	20 27	1 50	1 56	0 47	24 26	0 41	23 34	0 1	19 43	1 49	22 30	0 6	16 51	1 6	13 28	16 11	23 39	23 35	11 30		n.a.
M 5	18 3	17 14	3 4	19 52	1 46	1 25	0 52	24 27	0 42	23 35	0 1	19 44	1 49	22 30	0 6	16 50	1 6	13 27	16 11	23 39	23 34	11 28		n.a.
T 6	17 47	13 30	3 51	19 16	1 41	0 54	0 57	24 28	0 42	23 35	0 1	19 46	1 49	22 30	0 6	16 50	1 6	13 27	16 11	23 39	23 34	11 25		n.a.
W 7	17 30	9 16	4 27	18 37	1 36	0 23	1 2	24 29	0 43	23 36	0 1	19 47	1 49	22 31	0 6	16 49	1 6	13 26	16 10	23 38	23 34	11 23		n.a.
T 8	17 13	4 42	4 53	17 57	1 30	0n 8	1 7	24 30	0 44	23 37	0 1	19 49	1 49	22 31	0 6	16 48	1 6	13 26	16 10	23 38	23 34	11 20		n.a.
F 9	16 56	0s 3	5 5	17 15	1 24	0 38	1 13	24 30	0 45	23 38	0 1	19 50	1 49	22 31	0 6	16 47	1 6	13 25	16 10	23 38	23 34	11 17		n.a.
S 10	16 38	4 50	5 4	16 31	1 17	1 9	1 18	24 31	0 46	23 38	0 1	19 51	1 50	22 31	0 6	16 47	1 6	13 24	16 10	23 37	23 34	11 15		n.a.
S 11	16 21	9 29	4 50	15 45	1 9	1 40	1 23	24 30	0 46	23 39	0 1	19 53	1 50	22 32	0 6	16 46	1 6	13 24	16 9	23 37	23 33	11 12		n.a.
M12	16 2	13 50	4 22	14 58	1 1	2 10	1 28	24 30	0 47	23 40	0 2	19 54	1 50	22 32	0 6	16 45	1 6	13 23	16 9	23 37	23 33	11 10		n.a.
T 13	15 44	17 40	3 41	14 10	0 52	2 40	1 33	24 29	0 48	23 40	0 2	19 55	1 50	22 32	0 6	16 45	1 6	13 22	16 9	23 36	23 33	11 7		n.a.
W14	15 26	20 46	2 48	13 20	0 43	3 11	1 39	24 28	0 49	23 41	0 2	19 57	1 50	22 33	0 6	16 44	1 6	13 22	16 8	23 36	23 33	11 5		n.a.
T 15	15 7	22 52	1 45	12 29	0 33	3 41	1 44	24 27	0 50	23 41	0 2	19 58	1 50	22 33	0 6	16 43	1 6	13 21	16 8	23 36	23 33	11 2		n.a.
F 16	14 48	23 42	0 34	11 37	0 22	4 11	1 49	24 26	0 50	23 42	0 2	19 59	1 50	22 33	0 6	16 43	1 6	13 20	16 8	23 36	23 32	11 0		n.a.
S 17	14 28	23 5	0n41	10 44	0 11	4 41	1 54	24 24	0 51	23 42	0 2	20 0	1 50	22 33	0 6	16 42	1 6	13 20	16 8	23 36	23 32	10 57		n.a.
S 18	14 9	20 55	1 56	9 51	0n 0	5 10	2 0	24 22	0 52	23 43	0 2	20 2	1 50	22 34	0 6	16 41	1 6	13 19	16 7	23 36	23 32	10 55		n.a.
M19	13 49	17 17	3 5	8 58	0 12	5 40	2 5	24 20	0 53	23 43	0 2	20 3	1 50	22 34	0 6	16 40	1 6	13 19	16 7	23 36	23 32	10 52		n.a.
T 20	13 29	12 27	4 2	8 5	0 24	6 9	2 11	24 17	0 53	23 44	0 3	20 4	1 50	22 34	0 6	16 40	1 6	13 18	16 7	23 36	23 32	10 49		n.a.
W21	13 9	6 49	4 42	7 12	0 37	6 38	2 16	24 14	0 54	23 44	0 3	20 5	1 50	22 34	0 6	16 39	1 6	13 17	16 7	23 35	23 31	10 47		n.a.
T 22	12 49	0 48	5 2	6 20	0 49	7 7	2 21	24 11	0 55	23 45	0 3	20 7	1 50	22 35	0 6	16 38	1 6	13 17	16 7	23 35	23 31	10 44		n.a.
F 23	12 28	5n 9	5 0	5 29	1 2	7 36	2 27	24 8	0 56	23 45	0 3	20 8	1 50	22 35	0 6	16 38	1 6	13 16	16 6	23 34	23 31	10 42		n.a.
S 24	12 7	10 39	4 39	4 39	1 15	8 4	2 32	24 4	0 57	23 46	0 3	20 9	1 50	22 35	0 6	16 37	1 7	13 15	16 6	23 34	23 31	10 39		n.a.
S 25	11 46	15 25	4 1	3 51	1 27	8 33	2 37	24 0	0 57	23 46	0 3	20 10	1 50	22 35	0 6	16 36	1 7	13 15	16 6	23 34	23 31	10 37		n.a.
M26	11 25	19 13	3 11	3 5	1 40	9 1	2 43	23 56	0 58	23 47	0 3	20 11	1 50	22 35	0 6	16 36	1 7	13 14	16 6	23 33	23 30	10 34		n.a.
T 27	11 4	21 52	2 12	2 21	1 52	9 28	2 48	23 51	0 59	23 47	0 3	20 12	1 50	22 36	0 6	16 35	1 7	13 13	16 6	23 33	23 30	10 32		n.a.
W28	10s43	23n19	1n 8	1s39	2n 3	9n56	2n54	23s47	1s 0	23s47	0s 4	20n13	1n50	22s36	0s 6	16s34	1s 7	13s13	16s 5	23s33	23s30	10n29		n.a.

Julian Day Number = 1497190.5, Delta T = 05h09m51s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'08, Lahiri = -12°26'07 Julian Calendar 1 Feb. 614 BCE == Greg. Calendar 25 Jan. 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

MARCH 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 5 57	3♓31'06	22♊ 1	22♓23	19♈13	16♑48	26♐57	8°R11	11♐41	18♒27	3♈44	22°R32	21♐35	21♌ 9	n.a.	T 1
F 2	10 9 53	4°30'03	4♋10	23°30	20°10	17°34	27° 7	8♌ 7	11°42	18°29	3°45	22♐32	21°32	21°16	n.a.	F 2
S 3	10 13 50	5°28'58	16° 9	24°30	21° 6	18°20	27°16	8° 3	11°43	18°31	3°46	22°29	21°29	21°22	n.a.	S 3
S 4	10 17 46	6°27'51	28° 1	25°23	22° 2	19° 6	27°25	7°59	11°44	18°33	3°48	22°24	21°26	21°29	n.a.	S 4
M 5	10 21 43	7°26'41	9♌51	26°11	22°57	19°52	27°33	7°55	11°45	18°36	3°49	22°16	21°23	21°36	n.a.	M 5
T 6	10 25 39	8°25'28	21°41	26°52	23°51	20°38	27°42	7°51	11°46	18°38	3°50	22° 6	21°19	21°43	n.a.	T 6
W 7	10 29 36	9°24'14	3♍34	27°26	24°45	21°24	27°51	7°48	11°47	18°40	3°51	21°53	21°16	21°49	n.a.	W 7
T 8	10 33 32	10°22'57	15°31	27°53	25°38	22°10	27°59	7°44	11°48	18°42	3°53	21°40	21°13	21°56	n.a.	T 8
F 9	10 37 29	11°21'38	27°33	28°14	26°31	22°56	28° 8	7°40	11°48	18°44	3°54	21°26	21°10	22° 3	n.a.	F 9
S 10	10 41 26	12°20'18	9♎41	28°29	27°22	23°42	28°16	7°37	11°49	18°46	3°55	21°13	21° 7	22° 9	n.a.	S 10
S 11	10 45 22	13°18'55	21°57	28°36	28°13	24°28	28°24	7°33	11°50	18°48	3°56	21° 3	21° 4	22°16	n.a.	S 11
M12	10 49 19	14°17'30	4♏22	28°R38	29° 4	25°14	28°32	7°30	11°50	18°51	3°58	20°55	21° 0	22°23	n.a.	M12
T 13	10 53 15	15°16'04	17° 0	28°33	29°53	25°59	28°39	7°27	11°51	18°53	3°59	20°50	20°57	22°29	n.a.	T 13
W14	10 57 12	16°14'36	29°51	28°22	0♉42	26°45	28°47	7°24	11°52	18°55	4° 0	20°48	20°54	22°36	n.a.	W14
T 15	11 1 8	17°13'06	13♐ 1	28° 6	1°30	27°31	28°55	7°21	11°52	18°57	4° 2	20°47	20°51	22°43	n.a.	T 15
F 16	11 5 5	18°11'35	26°32	27°45	2°18	28°17	29° 2	7°18	11°52	18°59	4° 3	20°47	20°48	22°50	n.a.	F 16
S 17	11 9 1	19°10'02	10♑26	27°18	3° 4	29° 3	29° 9	7°15	11°53	19° 1	4° 4	20°46	20°45	22°56	n.a.	S 17
S 18	11 12 58	20° 8'27	24°44	26°48	3°49	29°49	29°16	7°12	11°53	19° 3	4° 6	20°44	20°41	23° 3	n.a.	S 18
M19	11 16 55	21° 6'50	9♒24	26°14	4°34	0♒35	29°23	7° 9	11°53	19° 5	4° 7	20°38	20°38	23°10	n.a.	M19
T 20	11 20 51	22° 5'11	24°23	25°38	5°18	1°21	29°30	7° 6	11°54	19° 7	4° 8	20°31	20°35	23°16	n.a.	T 20
W21	11 24 48	23° 3'31	9♓31	24°59	6° 0	2° 6	29°36	7° 4	11°54	19° 9	4°10	20°21	20°32	23°23	n.a.	W21
T 22	11 28 44	24° 1'49	24°40	24°19	6°42	2°52	29°43	7° 1	11°54	19°11	4°11	20° 9	20°29	23°30	n.a.	T 22
F 23	11 32 41	25° 0'05	9♈38	23°38	7°22	3°38	29°49	6°59	11°54	19°13	4°12	19°58	20°25	23°37	n.a.	F 23
S 24	11 36 37	25°58'19	24°16	22°57	8° 1	4°24	29°55	6°57	11°R54	19°15	4°14	19°49	20°22	23°43	n.a.	S 24
S 25	11 40 34	26°56'31	8♉28	22°17	8°40	5°10	0♑ 1	6°54	11°54	19°17	4°15	19°41	20°19	23°50	n.a.	S 25
M26	11 44 30	27°54'41	22°11	21°39	9°17	5°55	0° 7	6°52	11°54	19°18	4°16	19°37	20°16	23°57	n.a.	M26
T 27	11 48 27	28°52'49	5♊26	21° 2	9°52	6°41	0°13	6°50	11°54	19°20	4°18	19°35	20°13	24° 3	n.a.	T 27
W28	11 52 23	29°50'54	18°14	20°28	10°27	7°27	0°18	6°48	11°54	19°22	4°19	19°D34	20°10	24°10	n.a.	W28
T 29	11 56 20	0♈48'58	0♋40	19°58	11° 0	8°12	0°24	6°46	11°53	19°24	4°21	19°R34	20° 6	24°17	n.a.	T 29
F 30	12 0 17	1°47'00	12°50	19°31	11°31	8°58	0°29	6°45	11°53	19°26	4°22	19°34	20° 3	24°24	n.a.	F 30
S 31	12 4 13	2♈44'59	24♋49	19♓ 8	12♉ 1	9♒43	0♑34	6♌43	11♐53	19♒28	4♈23	19♐32	20♐ 0	24♌30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10s21	23n34	0n 3	1s 0	2n15	10n23	2n59	23s42	1s 0	23s48	0s 4	20n14	1n50	22s36	0s 6	16s34	1s 7	13s12	16s 5	23s33	23s30	10n26			n.a.
F 2	10 0	22 41	1s 1	0 24	2 25	10 49	3 4	23 36	1 1	23 48	0 4	20 15	1 50	22 36	0 6	16 33	1 7	13 11	16 5	23 33	23 30	10 24			n.a.
S 3	9 38	20 46	2 2	0n 9	2 35	11 16	3 10	23 31	1 2	23 48	0 4	20 16	1 50	22 36	0 6	16 32	1 7	13 11	16 5	23 33	23 29	10 21			n.a.
S 4	9 16	17 58	2 56	0 39	2 45	11 42	3 15	23 25	1 3	23 49	0 4	20 17	1 50	22 36	0 6	16 32	1 7	13 10	16 5	23 33	23 29	10 19			n.a.
M 5	8 54	14 27	3 43	1 6	2 53	12 8	3 20	23 19	1 3	23 49	0 4	20 18	1 50	22 37	0 6	16 31	1 7	13 10	16 4	23 32	23 29	10 16			n.a.
T 6	8 31	10 23	4 20	1 30	3 1	12 33	3 25	23 13	1 4	23 49	0 4	20 19	1 50	22 37	0 6	16 30	1 7	13 9	16 4	23 32	23 29	10 14			n.a.
W 7	8 9	5 55	4 45	1 49	3 7	12 58	3 30	23 6	1 5	23 50	0 4	20 20	1 50	22 37	0 6	16 30	1 7	13 8	16 4	23 31	23 29	10 11			n.a.
T 8	7 47	1 13	4 58	2 6	3 13	13 23	3 36	23 0	1 6	23 50	0 5	20 21	1 50	22 37	0 6	16 29	1 7	13 8	16 4	23 30	23 28	10 9			n.a.
F 9	7 24	3s34	4 58	2 18	3 17	13 47	3 41	22 53	1 6	23 50	0 5	20 22	1 50	22 37	0 6	16 28	1 7	13 7	16 4	23 29	23 28	10 6			n.a.
S 10	7 1	8 14	4 45	2 26	3 20	14 11	3 46	22 45	1 7	23 50	0 5	20 23	1 50	22 37	0 6	16 28	1 7	13 6	16 4	23 28	23 28	10 3			n.a.
S 11	6 39	12 39	4 18	2 31	3 22	14 34	3 51	22 38	1 8	23 51	0 5	20 24	1 50	22 37	0 6	16 27	1 7	13 6	16 4	23 28	23 28	10 1			n.a.
M12	6 16	16 35	3 39	2 32	3 23	14 57	3 56	22 30	1 8	23 51	0 5	20 25	1 50	22 37	0 6	16 26	1 7	13 5	16 3	23 27	23 28	9 58			n.a.
T 13	5 53	19 50	2 48	2 29	3 22	15 20	4 0	22 22	1 9	23 51	0 5	20 26	1 50	22 38	0 6	16 26	1 7	13 4	16 3	23 27	23 27	9 56			n.a.
W14	5 30	22 10	1 48	2 23	3 19	15 42	4 5	22 14	1 10	23 51	0 5	20 26	1 50	22 38	0 6	16 25	1 7	13 4	16 3	23 27	23 27	9 53			n.a.
T 15	5 7	23 21	0 41	2 13	3 15	16 3	4 10	22 6	1 11	23 51	0 6	20 27	1 50	22 38	0 7	16 24	1 7	13 3	16 3	23 27	23 27	9 51			n.a.
F 16	4 44	23 13	0n30	1 59	3 10	16 24	4 14	21 57	1 11	23 52	0 6	20 28	1 49	22 38	0 7	16 24	1 7	13 3	16 3	23 27	23 27	9 48			n.a.
S 17	4 21	21 40	1 42	1 42	3 3	16 45	4 19	21 48	1 12	23 52	0 6	20 29	1 49	22 38	0 7	16 23	1 7	13 2	16 3	23 27	23 26	9 45			n.a.
S 18	3 57	18 42	2 49	1 23	2 55	17 5	4 23	21 39	1 13	23 52	0 6	20 29	1 49	22 38	0 7	16 23	1 7	13 1	16 3	23 26	23 26	9 43			n.a.
M19	3 34	14 30	3 47	1 0	2 45	17 25	4 28	21 30	1 13	23 52	0 6	20 30	1 49	22 38	0 7	16 22	1 7	13 1	16 3	23 26	23 26	9 40			n.a.
T 20	3 11	9 20	4 30	0 35	2 34	17 44	4 32	21 20	1 14	23 52	0 6	20 30	1 49	22 38	0 7	16 21	1 7	13 0	16 3	23 25	23 26	9 38			n.a.
W21	2 48	3 33	4 55	0 9	2 22	18 2	4 36	21 11	1 15	23 53	0 6	20 31	1 49	22 38	0 7	16 21	1 7	12 59	16 2	23 25	23 26	9 35			n.a.
T 22	2 24	2n25	4 59	0s20	2 8	18 20	4 40	21 1	1 15	23 53	0 7	20 32	1 49	22 38	0 7	16 20	1 7	12 59	16 2	23 24	23 25	9 33			n.a.
F 23	2 1	8 11	4 43	0 49	1 54	18 37	4 44	20 50	1 16	23 53	0 7	20 32	1 49	22 38	0 7	16 20	1 7	12 58	16 2	23 23	23 25	9 30			n.a.
S 24	1 37	13 22	4 8	1 19	1 39	18 54	4 48	20 40	1 17	23 53	0 7	20 33	1 49	22 38	0 7	16 19	1 7	12 58	16 2	23 22	23 25	9 27			n.a.
S 25	1 14	17 39	3 19	1 50	1 23	19 10	4 51	20 29	1 17	23 53	0 7	20 33	1 49	22 38	0 7	16 18	1 7	12 57	16 2	23 22	23 25	9 25			n.a.
M26	0 50	20 49	2 19	2 20	1 7	19 26	4 55	20 19	1 18	23 53	0 7	20 34	1 49	22 38	0 7	16 18	1 7	12 56	16 2	23 21	23 24	9 22			n.a.
T 27	0 27	22 43	1 14	2 50	0 50	19 40	4 58	20 8	1 19	23 54	0 7	20 34	1 49	22 38	0 7	16 17	1 7	12 56	16 2	23 21	23 24	9 20			n.a.
W28	0 4	23 21	0 7	3 19	0 34	19 55	5 1	19 56	1 19	23 54	0 8	20 35	1 49	22 38	0 7	16 17	1 7	12 55	16 2	23 21	23 24	9 17			n.a.
T 29	0n20	22 48	0s59	3 46	0 17	20 8	5 4	19 45	1 20	23 54	0 8	20 35	1 48	22 38	0 7	16 16	1 7	12 55	16 2	23 21	23 24	9 15			n.a.
F 30	0 43	21 9	2 0	4 12	0 1	20 21	5 7	19 34	1 21	23 54	0 8	20 35	1 48	22 38	0 7	16 16	1 7	12 54	16 2	23 21	23 23	9 12			n.a.
S 31	1n 6	18n35	2s55	4s36	0s16	20n33	5n10	19s22	1s21	23s54	0s 8	20n36	1n48	22s38	0s 7	16s15	1s 7	12s54	16s 2	23s21	23s23	9n 9			n.a.

Julian Day Number = 1497218.5, Delta T = 05h09m50s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'04, Lahiri = -12°26'04 Julian Calendar 1 March 614 BCE == Greg. Calendar 22 Feb. 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

APRIL 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 8 10	3♈42'57	6♌40	18°R49	12♉30	10♒29	0♑39	6°R41	11°R52	19♒29	4♈25	19°R27	19♐57	24♌37	n.a.	S 1
M 2	12 12 6	4°40'53	18°30	18♓35	12°57	11°14	0°43	6♌40	11♐52	19°31	4°26	19♐21	19°54	24°44	n.a.	M 2
T 3	12 16 3	5°38'46	0♍22	18°25	13°22	12° 0	0°48	6°39	11°52	19°33	4°27	19°11	19°51	24°50	n.a.	T 3
W 4	12 19 59	6°36'38	12°18	18°20	13°46	12°45	0°52	6°37	11°51	19°34	4°29	19° 0	19°47	24°57	n.a.	W 4
T 5	12 23 56	7°34'28	24°21	18°D20	14° 8	13°31	0°56	6°36	11°50	19°36	4°30	18°47	19°44	25° 4	n.a.	T 5
F 6	12 27 52	8°32'17	6♎32	18°25	14°28	14°16	1° 0	6°35	11°50	19°38	4°31	18°35	19°41	25°10	n.a.	F 6
S 7	12 31 49	9°30'04	18°53	18°34	14°46	15° 2	1° 4	6°34	11°49	19°39	4°33	18°23	19°38	25°17	n.a.	S 7
S 8	12 35 45	10°27'49	1♏23	18°47	15° 2	15°47	1° 8	6°33	11°48	19°41	4°34	18°13	19°35	25°24	n.a.	S 8
M 9	12 39 42	11°25'33	14° 3	19° 6	15°16	16°32	1°11	6°33	11°48	19°43	4°36	18° 6	19°31	25°31	n.a.	M 9
T 10	12 43 39	12°23'16	26°54	19°28	15°28	17°17	1°15	6°32	11°47	19°44	4°37	18° 2	19°28	25°37	n.a.	T 10
W11	12 47 35	13°20'57	9♐58	19°55	15°38	18° 3	1°18	6°31	11°46	19°46	4°38	18° 0	19°25	25°44	n.a.	W11
T 12	12 51 32	14°18'37	23°15	20°27	15°46	18°48	1°21	6°31	11°45	19°47	4°40	18°D 0	19°22	25°51	n.a.	T 12
F 13	12 55 28	15°16'16	6♑48	21° 2	15°52	19°33	1°24	6°31	11°44	19°49	4°41	18° 0	19°19	25°57	n.a.	F 13
S 14	12 59 25	16°13'54	20°38	21°41	15°55	20°18	1°26	6°30	11°43	19°50	4°42	18°R 1	19°16	26° 4	n.a.	S 14
S 15	13 3 21	17°11'31	4♒46	22°24	15°R56	21° 3	1°29	6°30	11°42	19°52	4°44	17°59	19°12	26°11	n.a.	S 15
M16	13 7 18	18° 9'06	19°11	23°11	15°55	21°48	1°31	6°D30	11°41	19°53	4°45	17°56	19° 9	26°18	n.a.	M16
T 17	13 11 14	19° 6'41	3♓49	24° 1	15°52	22°33	1°33	6°30	11°40	19°54	4°46	17°50	19° 6	26°24	n.a.	T 17
W18	13 15 11	20° 4'14	18°35	24°54	15°46	23°18	1°35	6°30	11°39	19°56	4°48	17°43	19° 3	26°31	n.a.	W18
T 19	13 19 8	21° 1'46	3♈23	25°51	15°37	24° 3	1°36	6°31	11°38	19°57	4°49	17°34	19° 0	26°38	n.a.	T 19
F 20	13 23 4	21°59'17	18° 4	26°51	15°27	24°48	1°38	6°31	11°36	19°58	4°50	17°26	18°56	26°44	n.a.	F 20
S 21	13 27 1	22°56'47	2♉29	27°54	15°13	25°33	1°39	6°32	11°35	20° 0	4°52	17°18	18°53	26°51	n.a.	S 21
S 22	13 30 57	23°54'16	16°34	29° 0	14°58	26°18	1°40	6°32	11°34	20° 1	4°53	17°13	18°50	26°58	n.a.	S 22
M23	13 34 54	24°51'44	0♊14	0♈10	14°40	27° 2	1°41	6°33	11°32	20° 2	4°54	17° 9	18°47	27° 5	n.a.	M23
T 24	13 38 50	25°49'10	13°29	1°22	14°20	27°47	1°42	6°34	11°31	20° 3	4°56	17°D 8	18°44	27°11	n.a.	T 24
W25	13 42 47	26°46'35	26°19	2°37	13°57	28°32	1°42	6°34	11°30	20° 4	4°57	17° 8	18°41	27°18	n.a.	W25
T 26	13 46 43	27°43'58	8♋49	3°54	13°32	29°16	1°42	6°35	11°28	20° 6	4°58	17° 9	18°37	27°25	n.a.	T 26
F 27	13 50 40	28°41'20	21° 2	5°15	13° 6	0♓ 1	1°R43	6°37	11°27	20° 7	4°59	17°10	18°34	27°31	n.a.	F 27
S 28	13 54 37	29°38'41	3♌ 2	6°38	12°37	0°45	1°43	6°38	11°25	20° 8	5° 1	17°R10	18°31	27°38	n.a.	S 28
S 29	13 58 33	0♉36'01	14°56	8° 4	12° 7	1°29	1°42	6°39	11°23	20° 9	5° 2	17° 9	18°28	27°45	n.a.	S 29
M30	14 2 30	1♉33'19	26♌48	9♈32	11♉35	2♓14	1♑42	6♌40	11♐22	20♒10	5♈ 3	17♐ 6	18♐25	27♌52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n30	15n17	3s42	4s58	0s31	20n44	5n12	19s10	1s22	23s54	0s 8	20n36	1n48	22s38	0s 7	16s15	1s 7	12s53	16s 2	23s21	23s23	9n 7		n.a.
M 2	1 53	11 23	4 19	5 17	0 46	20 55	5 14	18 58	1 23	23 54	0 8	20 36	1 48	22 38	0 7	16 14	1 7	12 52	16 2	23 20	23 23	9 4		n.a.
T 3	2 16	7 3	4 45	5 34	1 1	21 4	5 16	18 46	1 23	23 54	0 8	20 37	1 48	22 38	0 7	16 14	1 8	12 52	16 2	23 19	23 22	9 2		n.a.
W 4	2 40	2 26	4 59	5 49	1 15	21 13	5 18	18 33	1 24	23 55	0 9	20 37	1 48	22 38	0 7	16 13	1 8	12 51	16 2	23 18	23 22	8 59		n.a.
T 5	3 3	2s18	5 0	6 1	1 28	21 21	5 19	18 20	1 24	23 55	0 9	20 37	1 48	22 38	0 7	16 13	1 8	12 51	16 2	23 17	23 22	8 56		n.a.
F 6	3 26	7 0	4 47	6 11	1 41	21 29	5 20	18 8	1 25	23 55	0 9	20 37	1 48	22 38	0 7	16 12	1 8	12 50	16 2	23 16	23 22	8 54		n.a.
S 7	3 49	11 30	4 20	6 18	1 52	21 35	5 21	17 55	1 26	23 55	0 9	20 37	1 48	22 38	0 7	16 12	1 8	12 50	16 2	23 15	23 21	8 51		n.a.
S 8	4 12	15 33	3 41	6 22	2 3	21 40	5 21	17 42	1 26	23 55	0 9	20 37	1 48	22 38	0 7	16 11	1 8	12 49	16 2	23 14	23 21	8 49		n.a.
M 9	4 35	18 58	2 50	6 24	2 13	21 45	5 21	17 28	1 27	23 55	0 9	20 37	1 47	22 38	0 7	16 11	1 8	12 49	16 2	23 14	23 21	8 46		n.a.
T 10	4 58	21 31	1 50	6 24	2 22	21 48	5 21	17 15	1 27	23 55	0 10	20 38	1 47	22 37	0 7	16 10	1 8	12 48	16 2	23 13	23 21	8 44		n.a.
W11	5 20	22 57	0 43	6 20	2 30	21 51	5 21	17 1	1 28	23 56	0 10	20 38	1 47	22 37	0 7	16 10	1 8	12 48	16 2	23 13	23 20	8 41		n.a.
T 12	5 43	23 8	0n28	6 15	2 38	21 52	5 20	16 48	1 28	23 56	0 10	20 38	1 47	22 37	0 7	16 9	1 8	12 47	16 2	23 13	23 20	8 38		n.a.
F 13	6 6	21 57	1 39	6 7	2 44	21 53	5 18	16 34	1 29	23 56	0 10	20 38	1 47	22 37	0 7	16 9	1 8	12 47	16 2	23 13	23 20	8 36		n.a.
S 14	6 28	19 27	2 45	5 56	2 50	21 52	5 16	16 20	1 30	23 56	0 10	20 38	1 47	22 37	0 7	16 8	1 8	12 46	16 2	23 13	23 20	8 33		n.a.
S 15	6 51	15 44	3 43	5 43	2 55	21 50	5 14	16 6	1 30	23 56	0 10	20 37	1 47	22 37	0 7	16 8	1 8	12 46	16 2	23 13	23 19	8 31		n.a.
M16	7 13	11 3	4 28	5 28	2 59	21 47	5 11	15 51	1 31	23 56	0 11	20 37	1 47	22 37	0 7	16 8	1 8	12 45	16 2	23 13	23 19	8 28		n.a.
T 17	7 35	5 39	4 56	5 11	3 2	21 43	5 8	15 37	1 31	23 56	0 11	20 37	1 47	22 37	0 7	16 7	1 8	12 45	16 2	23 12	23 19	8 25		n.a.
W18	7 57	0n 5	5 5	4 52	3 4	21 38	5 4	15 23	1 32	23 57	0 11	20 37	1 46	22 36	0 7	16 7	1 8	12 44	16 2	23 12	23 19	8 23		n.a.
T 19	8 19	5 50	4 53	4 31	3 6	21 31	5 0	15 8	1 32	23 57	0 11	20 37	1 46	22 36	0 7	16 6	1 8	12 44	16 2	23 11	23 18	8 20		n.a.
F 20	8 41	11 13	4 23	4 7	3 7	21 23	4 55	14 53	1 33	23 57	0 11	20 37	1 46	22 36	0 7	16 6	1 8	12 43	16 2	23 10	23 18	8 18		n.a.
S 21	9 2	15 52	3 36	3 42	3 7	21 14	4 50	14 38	1 33	23 57	0 12	20 36	1 46	22 36	0 7	16 6	1 8	12 43	16 2	23 9	23 18	8 15		n.a.
S 22	9 24	19 31	2 36	3 15	3 7	21 4	4 44	14 23	1 34	23 57	0 12	20 36	1 46	22 36	0 7	16 5	1 8	12 42	16 3	23 9	23 18	8 12		n.a.
M23	9 45	21 56	1 30	2 46	3 6	20 52	4 38	14 8	1 34	23 57	0 12	20 36	1 46	22 36	0 7	16 5	1 8	12 42	16 3	23 8	23 17	8 10		n.a.
T 24	10 7	23 3	0 20	2 15	3 4	20 39	4 31	13 53	1 35	23 58	0 12	20 36	1 46	22 35	0 7	16 5	1 8	12 41	16 3	23 8	23 17	8 7		n.a.
W25	10 28	22 54	0s49	1 43	3 1	20 25	4 23	13 38	1 35	23 58	0 12	20 35	1 46	22 35	0 7	16 4	1 8	12 41	16 3	23 8	23 17	8 5		n.a.
T 26	10 49	21 34	1 54	1 9	2 58	20 10	4 15	13 22	1 35	23 58	0 12	20 35	1 46	22 35	0 7	16 4	1 8	12 41	16 3	23 8	23 16	8 2		n.a.
F 27	11 9	19 16	2 52	0 33	2 54	19 53	4 6	13 7	1 36	23 58	0 13	20 35	1 45	22 35	0 7	16 4	1 9	12 40	16 3	23 8	23 16	7 59		n.a.
S 28	11 30	16 9	3 42	0n 5	2 50	19 35	3 56	12 51	1 36	23 58	0 13	20 34	1 45	22 35	0 7	16 3	1 9	12 40	16 3	23 8	23 16	7 57		n.a.
S 29	11 50	12 25	4 21	0 43	2 45	19 16	3 47	12 36	1 37	23 58	0 13	20 34	1 45	22 34	0 7	16 3	1 9	12 39	16 3	23 8	23 16	7 54		n.a.
M30	12n11	8n13	4s49	1n24	2s39	18n56	3n36	12s20	1s37	23s59	0s13	20n33	1n45	22s34	0s 7	16s 3	1s 9	12s39	16s 3	23s 8	23s15	7n52		n.a.

Julian Day Number = 1497249.5, Delta T = 05h09m49s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°33'00, Lahiri = -12°25'59 Julian Calendar 1 Apr. 614 BCE == Greg. Calendar 25 March 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

MAY 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 6 26	2♉30'36	8♍42	11♈ 3	11°R 1	2♓58	1°R41	6♌42	11°R20	20♒11	5♈ 4	17°R 1	18♐22	27♌58	n.a.	T 1
W 2	14 10 23	3°27'52	20°42	12°37	10♉26	3°42	1♋40	6°43	11♐18	20°12	5° 6	16♐55	18°18	28° 5	n.a.	W 2
T 3	14 14 19	4°25'07	2♎51	14°13	9°50	4°26	1°39	6°45	11°17	20°13	5° 7	16°48	18°15	28°12	n.a.	T 3
F 4	14 18 16	5°22'21	15°12	15°52	9°14	5°11	1°38	6°47	11°15	20°13	5° 8	16°40	18°12	28°18	n.a.	F 4
S 5	14 22 12	6°19'34	27°45	17°33	8°36	5°55	1°37	6°49	11°13	20°14	5° 9	16°33	18° 9	28°25	n.a.	S 5
S 6	14 26 9	7°16'47	10♏32	19°17	7°59	6°39	1°35	6°51	11°11	20°15	5°10	16°28	18° 6	28°32	n.a.	S 6
M 7	14 30 6	8°13'59	23°31	21° 3	7°21	7°22	1°33	6°53	11° 9	20°16	5°12	16°24	18° 2	28°39	n.a.	M 7
T 8	14 34 2	9°11'10	6♐43	22°52	6°43	8° 6	1°32	6°55	11° 7	20°17	5°13	16°22	17°59	28°45	n.a.	T 8
W 9	14 37 59	10° 8'20	20° 7	24°44	6° 6	8°50	1°29	6°57	11° 5	20°17	5°14	16°D22	17°56	28°52	n.a.	W 9
T 10	14 41 55	11° 5'30	3♑43	26°38	5°29	9°34	1°27	7° 0	11° 3	20°18	5°15	16°22	17°53	28°59	n.a.	T 10
F 11	14 45 52	12° 2'40	17°30	28°34	4°53	10°18	1°25	7° 2	11° 1	20°19	5°16	16°24	17°50	29° 5	n.a.	F 11
S 12	14 49 48	12°59'50	1♒27	0♉32	4°18	11° 1	1°22	7° 5	10°59	20°19	5°17	16°25	17°47	29°12	n.a.	S 12
S 13	14 53 45	13°56'59	15°34	2°33	3°45	11°45	1°19	7° 7	10°57	20°20	5°19	16°R26	17°43	29°19	n.a.	S 13
M14	14 57 42	14°54'08	29°49	4°35	3°13	12°28	1°16	7°10	10°55	20°21	5°20	16°25	17°40	29°26	n.a.	M14
T 15	15 1 38	15°51'17	14♓10	6°40	2°42	13°11	1°13	7°13	10°53	20°21	5°21	16°23	17°37	29°32	n.a.	T 15
W16	15 5 35	16°48'25	28°33	8°46	2°14	13°55	1° 9	7°16	10°51	20°22	5°22	16°19	17°34	29°39	n.a.	W16
T 17	15 9 31	17°45'33	12♈54	10°53	1°47	14°38	1° 6	7°19	10°49	20°22	5°23	16°15	17°31	29°46	n.a.	T 17
F 18	15 13 28	18°42'42	27° 8	13° 2	1°23	15°21	1° 2	7°22	10°47	20°23	5°24	16°11	17°27	29°52	n.a.	F 18
S 19	15 17 24	19°39'50	11♉10	15°12	1° 0	16° 4	0°58	7°25	10°45	20°23	5°25	16° 8	17°24	29°59	n.a.	S 19
S 20	15 21 21	20°36'58	24°56	17°22	0°40	16°47	0°54	7°28	10°42	20°23	5°26	16° 5	17°21	0♍ 6	n.a.	S 20
M21	15 25 17	21°34'05	8♊22	19°33	0°22	17°30	0°50	7°32	10°40	20°24	5°27	16° 4	17°18	0°13	n.a.	M21
T 22	15 29 14	22°31'12	21°29	21°45	0° 6	18°13	0°45	7°35	10°38	20°24	5°28	16°D 4	17°15	0°19	n.a.	T 22
W23	15 33 11	23°28'19	4♋15	23°56	29♈53	18°56	0°41	7°39	10°36	20°24	5°29	16° 5	17°12	0°26	n.a.	W23
T 24	15 37 7	24°25'26	16°44	26° 6	29°42	19°39	0°36	7°42	10°33	20°25	5°30	16° 6	17° 8	0°33	n.a.	T 24
F 25	15 41 4	25°22'32	28°57	28°16	29°33	20°21	0°31	7°46	10°31	20°25	5°31	16° 8	17° 5	0°40	n.a.	F 25
S 26	15 45 0	26°19'38	10♌59	0♊25	29°27	21° 4	0°26	7°50	10°29	20°25	5°32	16° 9	17° 2	0°46	n.a.	S 26
S 27	15 48 57	27°16'43	22°55	2°33	29°23	21°46	0°21	7°54	10°26	20°25	5°33	16°R10	16°59	0°53	n.a.	S 27
M28	15 52 53	28°13'48	4♍48	4°40	29°D22	22°28	0°15	7°58	10°24	20°25	5°34	16°10	16°56	1° 0	n.a.	M28
T 29	15 56 50	29°10'53	16°43	6°46	29°23	23°11	0°10	8° 2	10°22	20°25	5°35	16° 9	16°53	1° 6	n.a.	T 29
W30	16 0 46	0♊ 7'58	28°46	8°50	29°26	23°53	0° 4	8° 6	10°19	20°26	5°35	16° 7	16°49	1°13	n.a.	W30
T 31	16 4 43	1♊ 5'02	10♎59	10♊52	29♈31	24♓35	29♐58	8♌10	10♐17	20°R26	5♈36	16♐ 5	16♐46	1♍20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n31	3n43	5s 5	2n 6	2s33	18n35	3n25	12s 4	1s38	23s59	0s13	20n33	1n45	22s34	0s 7	16s 3	1s 9	12s39	16s 4	23s 8	23s15	7n49		n.a.
W 2	12 50	0s58	5 8	2 49	2 26	18 12	3 13	11 48	1 38	23 59	0 14	20 32	1 45	22 34	0 7	16 2	1 9	12 38	16 4	23 7	23 15	7 46		n.a.
T 3	13 10	5 40	4 57	3 33	2 19	17 49	3 1	11 32	1 38	23 59	0 14	20 32	1 45	22 34	0 7	16 2	1 9	12 38	16 4	23 6	23 14	7 44		n.a.
F 4	13 30	10 14	4 31	4 19	2 11	17 26	2 49	11 16	1 39	23 59	0 14	20 31	1 45	22 33	0 7	16 2	1 9	12 38	16 4	23 5	23 14	7 41		n.a.
S 5	13 49	14 26	3 53	5 6	2 3	17 1	2 36	11 0	1 39	24 0	0 14	20 31	1 45	22 33	0 7	16 2	1 9	12 37	16 4	23 5	23 14	7 39		n.a.
S 6	14 8	18 4	3 2	5 54	1 54	16 37	2 23	10 44	1 40	24 0	0 14	20 30	1 44	22 33	0 7	16 1	1 9	12 37	16 4	23 4	23 14	7 36		n.a.
M 7	14 27	20 52	2 1	6 43	1 45	16 11	2 10	10 28	1 40	24 0	0 14	20 29	1 44	22 33	0 7	16 1	1 9	12 37	16 4	23 4	23 13	7 33		n.a.
T 8	14 45	22 35	0 52	7 33	1 35	15 46	1 56	10 11	1 40	24 0	0 15	20 29	1 44	22 32	0 7	16 1	1 9	12 36	16 5	23 4	23 13	7 31		n.a.
W 9	15 4	23 3	0n21	8 23	1 25	15 20	1 42	9 55	1 41	24 0	0 15	20 28	1 44	22 32	0 7	16 1	1 9	12 36	16 5	23 4	23 13	7 28		n.a.
T 10	15 22	22 10	1 33	9 14	1 15	14 55	1 28	9 39	1 41	24 1	0 15	20 27	1 44	22 32	0 7	16 1	1 9	12 36	16 5	23 4	23 12	7 26		n.a.
F 11	15 40	19 56	2 42	10 6	1 5	14 29	1 14	9 22	1 41	24 1	0 15	20 26	1 44	22 32	0 7	16 0	1 9	12 35	16 5	23 4	23 12	7 23		n.a.
S 12	15 57	16 31	3 41	10 59	0 54	14 4	1 0	9 6	1 42	24 1	0 15	20 26	1 44	22 31	0 7	16 0	1 9	12 35	16 5	23 4	23 12	7 20		n.a.
S 13	16 15	12 7	4 28	11 51	0 43	13 40	0 46	8 49	1 42	24 1	0 16	20 25	1 44	22 31	0 7	16 0	1 9	12 35	16 5	23 4	23 12	7 18		n.a.
M14	16 32	7 1	4 59	12 43	0 32	13 16	0 32	8 33	1 42	24 2	0 16	20 24	1 44	22 31	0 7	16 0	1 9	12 35	16 6	23 4	23 11	7 15		n.a.
T 15	16 49	1 31	5 12	13 36	0 21	12 52	0 18	8 16	1 42	24 2	0 16	20 23	1 43	22 30	0 7	16 0	1 9	12 34	16 6	23 4	23 11	7 13		n.a.
W16	17 5	4n 4	5 5	14 27	0 10	12 29	0 5	7 59	1 43	24 2	0 16	20 22	1 43	22 30	0 7	16 0	1 9	12 34	16 6	23 3	23 11	7 10		n.a.
T 17	17 22	9 26	4 39	15 18	0n 1	12 8	0s 8	7 43	1 43	24 2	0 16	20 21	1 43	22 30	0 7	16 0	1 9	12 34	16 6	23 3	23 10	7 7		n.a.
F 18	17 38	14 16	3 57	16 9	0 11	11 47	0 21	7 26	1 43	24 2	0 17	20 21	1 43	22 30	0 7	15 59	1 10	12 34	16 6	23 2	23 10	7 5		n.a.
S 19	17 54	18 14	3 0	16 58	0 22	11 27	0 34	7 9	1 44	24 3	0 17	20 20	1 43	22 29	0 7	15 59	1 10	12 33	16 7	23 2	23 10	7 2		n.a.
S 20	18 9	21 6	1 53	17 46	0 32	11 8	0 46	6 52	1 44	24 3	0 17	20 19	1 43	22 29	0 7	15 59	1 10	12 33	16 7	23 2	23 9	7 0		n.a.
M21	18 24	22 42	0 42	18 32	0 42	10 51	0 59	6 36	1 44	24 3	0 17	20 18	1 43	22 29	0 7	15 59	1 10	12 33	16 7	23 2	23 9	6 57		n.a.
T 22	18 39	23 0	0s30	19 16	0 51	10 34	1 10	6 19	1 44	24 3	0 17	20 17	1 43	22 28	0 7	15 59	1 10	12 33	16 7	23 2	23 9	6 54		n.a.
W23	18 54	22 4	1 38	19 59	1 0	10 19	1 21	6 2	1 44	24 4	0 18	20 16	1 43	22 28	0 7	15 59	1 10	12 33	16 7	23 2	23 9	6 52		n.a.
T 24	19 8	20 3	2 41	20 39	1 8	10 5	1 32	5 45	1 45	24 4	0 18	20 15	1 42	22 28	0 7	15 59	1 10	12 32	16 8	23 2	23 8	6 49		n.a.
F 25	19 22	17 9	3 35	21 17	1 16	9 52	1 43	5 29	1 45	24 4	0 18	20 14	1 42	22 27	0 8	15 59	1 10	12 32	16 8	23 2	23 8	6 47		n.a.
S 26	19 36	13 35	4 18	21 53	1 23	9 41	1 53	5 12	1 45	24 4	0 18	20 12	1 42	22 27	0 8	15 59	1 10	12 32	16 8	23 2	23 8	6 44		n.a.
S 27	19 49	9 30	4 50	22 25	1 30	9 30	2 2	4 55	1 45	24 4	0 18	20 11	1 42	22 27	0 8	15 59	1 10	12 32	16 8	23 2	23 7	6 41		n.a.
M28	20 2	5 5	5 9	22 56	1 36	9 21	2 11	4 38	1 45	24 5	0 18	20 10	1 42	22 26	0 8	15 59	1 10	12 32	16 9	23 2	23 7	6 39		n.a.
T 29	20 15	0 29	5 15	23 23	1 41	9 13	2 20	4 21	1 46	24 5	0 19	20 9	1 42	22 26	0 8	15 59	1 10	12 32	16 9	23 2	23 7	6 36		n.a.
W30	20 27	4s12	5 8	23 48	1 45	9 7	2 28	4 5	1 46	24 5	0 19	20 8	1 42	22 26	0 8	15 59	1 10	12 32	16 9	23 2	23 6	6 34		n.a.
T 31	20n39	8s47	4s46	24n11	1n49	9n 1	2s36	3s48	1s46	24s 5	0s19	20n 7	1n42	22s25	0s 8	15s59	1s10	12s31	16s 9	23s 2	23s 6	6n31		n.a.

Julian Day Number = 1497279.5, Delta T = 05h09m47s
Ecliptic obliquity = 23°46'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'56, Lahiri = -12°25'55 Julian Calendar 1 May 614 BCE == Greg. Calendar 24 Apr. 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

JUNE 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 8 40	2♊ 2'07	23♎26	12♊52	29♈39	25♓17	29°R53	8♌14	10°R15	20°R26	5♈37	16°R 3	16♐43	1♍27	n.a.	F 1
S 2	16 12 36	2°59'11	6♏ 9	14°51	29°48	25°59	29♐47	8°19	10♐12	20♒25	5°38	16♐ 2	16°40	1°33	n.a.	S 2
S 3	16 16 33	3°56'15	19°10	16°48	0♉ 0	26°40	29°40	8°23	10°10	20°25	5°39	16° 0	16°37	1°40	n.a.	S 3
M 4	16 20 29	4°53'20	2♐29	18°43	0°14	27°22	29°34	8°27	10° 7	20°25	5°40	15°59	16°33	1°47	n.a.	M 4
T 5	16 24 26	5°50'25	16° 4	20°36	0°30	28° 4	29°28	8°32	10° 5	20°25	5°40	15°D59	16°30	1°53	n.a.	T 5
W 6	16 28 22	6°47'30	29°54	22°28	0°47	28°45	29°21	8°37	10° 3	20°25	5°41	15°59	16°27	2° 0	n.a.	W 6
T 7	16 32 19	7°44'36	13♑55	24°17	1° 7	29°26	29°15	8°41	10° 0	20°25	5°42	16° 0	16°24	2° 7	n.a.	T 7
F 8	16 36 16	8°41'42	28° 5	26° 4	1°28	0♈ 8	29° 8	8°46	9°58	20°25	5°43	16° 1	16°21	2°14	n.a.	F 8
S 9	16 40 12	9°38'49	12♒20	27°50	1°51	0°49	29° 1	8°51	9°55	20°24	5°43	16° 1	16°18	2°20	n.a.	S 9
S 10	16 44 9	10°35'56	26°37	29°33	2°16	1°30	28°54	8°56	9°53	20°24	5°44	16° 2	16°14	2°27	n.a.	S 10
M11	16 48 5	11°33'04	10♓53	1♋15	2°42	2°11	28°47	9° 1	9°51	20°24	5°45	16°R 2	16°11	2°34	n.a.	M11
T 12	16 52 2	12°30'13	25° 5	2°54	3°10	2°52	28°40	9° 6	9°48	20°23	5°45	16° 2	16° 8	2°40	n.a.	T 12
W13	16 55 58	13°27'23	9♈10	4°32	3°40	3°33	28°33	9°11	9°46	20°23	5°46	16° 1	16° 5	2°47	n.a.	W13
T 14	16 59 55	14°24'33	23° 8	6° 8	4°11	4°13	28°25	9°16	9°43	20°23	5°47	16° 1	16° 2	2°54	n.a.	T 14
F 15	17 3 51	15°21'44	6♉55	7°41	4°43	4°54	28°18	9°22	9°41	20°22	5°47	16° 1	15°59	3° 1	n.a.	F 15
S 16	17 7 48	16°18'57	20°29	9°13	5°16	5°34	28°11	9°27	9°38	20°22	5°48	16°D 1	15°55	3° 7	n.a.	S 16
S 17	17 11 45	17°16'09	3♊50	10°43	5°51	6°15	28° 3	9°32	9°36	20°21	5°48	16° 1	15°52	3°14	n.a.	S 17
M18	17 15 41	18°13'23	16°57	12°11	6°27	6°55	27°56	9°38	9°34	20°21	5°49	16°R 1	15°49	3°21	n.a.	M18
T 19	17 19 38	19°10'38	29°48	13°37	7° 5	7°35	27°48	9°43	9°31	20°20	5°49	16° 1	15°46	3°28	n.a.	T 19
W20	17 23 34	20° 7'53	12♋24	15° 1	7°43	8°15	27°41	9°49	9°29	20°19	5°50	16° 1	15°43	3°34	n.a.	W20
T 21	17 27 31	21° 5'09	24°46	16°23	8°23	8°55	27°33	9°55	9°27	20°19	5°50	16° 0	15°39	3°41	n.a.	T 21
F 22	17 31 27	22° 2'25	6♌56	17°42	9° 3	9°34	27°25	10° 0	9°24	20°18	5°51	16° 0	15°36	3°48	n.a.	F 22
S 23	17 35 24	22°59'42	18°57	19° 0	9°45	10°14	27°17	10° 6	9°22	20°17	5°51	15°59	15°33	3°54	n.a.	S 23
S 24	17 39 20	23°57'00	0♍52	20°15	10°27	10°53	27°10	10°12	9°20	20°17	5°52	15°58	15°30	4° 1	n.a.	S 24
M25	17 43 17	24°54'18	12°45	21°28	11°11	11°33	27° 2	10°18	9°17	20°16	5°52	15°57	15°27	4° 8	n.a.	M25
T 26	17 47 14	25°51'37	24°40	22°39	11°55	12°12	26°54	10°24	9°15	20°15	5°52	15°D57	15°24	4°15	n.a.	T 26
W27	17 51 10	26°48'56	6♎42	23°47	12°41	12°51	26°46	10°30	9°13	20°14	5°53	15°57	15°20	4°21	n.a.	W27
T 28	17 55 7	27°46'17	18°54	24°53	13°27	13°30	26°39	10°36	9°10	20°13	5°53	15°58	15°17	4°28	n.a.	T 28
F 29	17 59 3	28°43'38	1♏23	25°56	14°14	14° 8	26°31	10°42	9° 8	20°13	5°53	15°59	15°14	4°35	n.a.	F 29
S 30	18 3 0	29♊41'00	14♏10	26♋57	15♉ 2	14♈47	26♐23	10♌48	9♐ 6	20♒12	5♈54	16♐ 0	15♐11	4♍41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n51	13s 6	4s11	24n30	1n52	8n57	2s44	3s31	1s46	24s 5	0s19	20n 5	1n42	22s25	0s 8	15s59	1s10	12s31	16s10	23s 2	23s 6	6n28		n.a.
S 2	21 3	16 56	3 23	24 47	1 54	8 54	2 51	3 14	1 46	24 6	0 19	20 4	1 42	22 25	0 8	15 59	1 10	12 31	16 10	23 1	23 5	6 26		n.a.
S 3	21 14	20 3	2 23	25 2	1 56	8 52	2 57	2 58	1 46	24 6	0 20	20 3	1 42	22 24	0 8	15 59	1 10	12 31	16 10	23 1	23 5	6 23		n.a.
M 4	21 24	22 9	1 14	25 13	1 57	8 51	3 3	2 41	1 46	24 6	0 20	20 2	1 41	22 24	0 8	15 59	1 10	12 31	16 10	23 1	23 5	6 21		n.a.
T 5	21 35	23 1	0n 0	25 23	1 57	8 51	3 9	2 24	1 46	24 6	0 20	20 0	1 41	22 24	0 8	15 59	1 10	12 31	16 11	23 1	23 4	6 18		n.a.
W 6	21 45	22 30	1 16	25 30	1 57	8 52	3 15	2 8	1 46	24 6	0 20	19 59	1 41	22 23	0 8	16 0	1 10	12 31	16 11	23 1	23 4	6 15		n.a.
T 7	21 54	20 34	2 29	25 34	1 56	8 54	3 20	1 51	1 47	24 6	0 20	19 58	1 41	22 23	0 8	16 0	1 11	12 31	16 11	23 1	23 4	6 13		n.a.
F 8	22 3	17 21	3 33	25 37	1 54	8 57	3 25	1 34	1 47	24 7	0 21	19 56	1 41	22 23	0 8	16 0	1 11	12 31	16 11	23 1	23 3	6 10		n.a.
S 9	22 12	13 7	4 24	25 37	1 52	9 1	3 29	1 18	1 47	24 7	0 21	19 55	1 41	22 22	0 8	16 0	1 11	12 31	16 12	23 1	23 3	6 8		n.a.
S 10	22 21	8 8	4 59	25 36	1 49	9 6	3 33	1 1	1 47	24 7	0 21	19 54	1 41	22 22	0 8	16 0	1 11	12 31	16 12	23 1	23 3	6 5		n.a.
M11	22 29	2 44	5 16	25 32	1 46	9 11	3 37	0 45	1 47	24 7	0 21	19 52	1 41	22 22	0 8	16 0	1 11	12 31	16 12	23 1	23 2	6 2		n.a.
T 12	22 36	2n48	5 13	25 26	1 42	9 18	3 40	0 28	1 47	24 7	0 21	19 51	1 41	22 21	0 8	16 0	1 11	12 31	16 13	23 1	23 2	6 0		n.a.
W13	22 44	8 8	4 51	25 19	1 38	9 25	3 43	0 12	1 47	24 7	0 21	19 49	1 41	22 21	0 8	16 1	1 11	12 31	16 13	23 1	23 2	5 57		n.a.
T 14	22 51	13 1	4 13	25 10	1 33	9 33	3 46	0n 4	1 47	24 7	0 22	19 48	1 41	22 20	0 8	16 1	1 11	12 31	16 13	23 1	23 1	5 55		n.a.
F 15	22 57	17 9	3 20	25 0	1 28	9 41	3 49	0 21	1 47	24 7	0 22	19 46	1 41	22 20	0 8	16 1	1 11	12 31	16 13	23 1	23 1	5 52		n.a.
S 16	23 3	20 19	2 17	24 48	1 22	9 50	3 51	0 37	1 47	24 7	0 22	19 45	1 41	22 20	0 8	16 1	1 11	12 31	16 14	23 1	23 1	5 49		n.a.
S 17	23 9	22 18	1 7	24 35	1 15	10 0	3 53	0 53	1 47	24 7	0 22	19 43	1 40	22 19	0 8	16 1	1 11	12 31	16 14	23 1	23 0	5 47		n.a.
M18	23 14	23 2	0s 5	24 20	1 9	10 10	3 55	1 9	1 47	24 7	0 22	19 42	1 40	22 19	0 8	16 2	1 11	12 31	16 14	23 1	23 0	5 44		n.a.
T 19	23 19	22 30	1 16	24 5	1 1	10 21	3 56	1 25	1 47	24 8	0 23	19 40	1 40	22 19	0 8	16 2	1 11	12 31	16 15	23 1	23 0	5 42		n.a.
W20	23 24	20 50	2 21	23 48	0 54	10 32	3 57	1 41	1 47	24 8	0 23	19 39	1 40	22 18	0 8	16 2	1 11	12 31	16 15	23 1	22 59	5 39		n.a.
T 21	23 28	18 13	3 19	23 30	0 46	10 44	3 58	1 57	1 46	24 8	0 23	19 37	1 40	22 18	0 8	16 2	1 11	12 31	16 15	23 1	22 59	5 36		n.a.
F 22	23 32	14 49	4 6	23 12	0 37	10 56	3 59	2 13	1 46	24 8	0 23	19 35	1 40	22 18	0 8	16 3	1 11	12 31	16 16	23 1	22 59	5 34		n.a.
S 23	23 35	10 53	4 42	22 52	0 29	11 9	4 0	2 29	1 46	24 8	0 23	19 34	1 40	22 17	0 8	16 3	1 11	12 31	16 16	23 1	22 58	5 31		n.a.
S 24	23 38	6 33	5 6	22 32	0 19	11 22	4 0	2 44	1 46	24 8	0 23	19 32	1 40	22 17	0 8	16 3	1 11	12 32	16 16	23 1	22 58	5 29		n.a.
M25	23 40	2 0	5 16	22 12	0 10	11 35	4 0	3 0	1 46	24 8	0 24	19 30	1 40	22 17	0 8	16 3	1 11	12 32	16 16	23 1	22 58	5 26		n.a.
T 26	23 42	2s38	5 13	21 50	0 0	11 49	4 0	3 16	1 46	24 8	0 24	19 29	1 40	22 16	0 8	16 4	1 11	12 32	16 17	23 1	22 57	5 23		n.a.
W27	23 44	7 13	4 56	21 29	0s10	12 3	4 0	3 31	1 46	24 8	0 24	19 27	1 40	22 16	0 8	16 4	1 11	12 32	16 17	23 1	22 57	5 21		n.a.
T 28	23 45	11 35	4 26	21 7	0 20	12 17	4 0	3 47	1 46	24 8	0 24	19 25	1 40	22 16	0 8	16 4	1 11	12 32	16 17	23 1	22 57	5 18		n.a.
F 29	23 46	15 35	3 42	20 44	0 31	12 31	3 59	4 2	1 46	24 7	0 24	19 23	1 40	22 15	0 8	16 5	1 12	12 32	16 18	23 1	22 56	5 16		n.a.
S 30	23n46	18s58	2s47	20n22	0s42	12n46	3s58	4n17	1s45	24s 7	0s24	19n22	1n40	22s15	0s 8	16s 5	1s12	12s32	16s18	23s 1	22s56	5n13		n.a.

Julian Day Number = 1497310.5, Delta T = 05h09m46s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'51, Lahiri = -12°25'51 Julian Calendar 1 June 614 BCE == Greg. Calendar 25 May 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

JULY 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 6 56	0♋38'22	27♏20	27♋54	15♉50	15♈25	26°R15	10♌54	9°R 4	20°R11	5♈54	16♐ 1	15♐ 8	4♍48	n.a.	S 1
M 2	18 10 53	1°35'46	10♐52	28°49	16°39	16° 4	26♐ 8	11° 0	9♐ 2	20♒10	5°54	16°R 2	15° 5	4°55	n.a.	M 2
T 3	18 14 49	2°33'11	24°46	29°41	17°29	16°42	26° 0	11° 7	8°59	20° 9	5°54	16° 1	15° 1	5° 2	n.a.	T 3
W 4	18 18 46	3°30'37	8♑59	0♌29	18°20	17°20	25°52	11°13	8°57	20° 8	5°55	16° 1	14°58	5° 8	n.a.	W 4
T 5	18 22 43	4°28'05	23°28	1°14	19°11	17°58	25°45	11°19	8°55	20° 7	5°55	15°59	14°55	5°15	n.a.	T 5
F 6	18 26 39	5°25'33	8♒ 6	1°55	20° 3	18°36	25°37	11°26	8°53	20° 6	5°55	15°56	14°52	5°22	n.a.	F 6
S 7	18 30 36	6°23'03	22°45	2°33	20°56	19°13	25°30	11°32	8°51	20° 5	5°55	15°54	14°49	5°29	n.a.	S 7
S 8	18 34 32	7°20'34	7♓21	3° 7	21°49	19°51	25°22	11°39	8°49	20° 4	5°55	15°52	14°45	5°35	n.a.	S 8
M 9	18 38 29	8°18'07	21°48	3°36	22°43	20°28	25°15	11°45	8°47	20° 3	5°55	15°50	14°42	5°42	n.a.	M 9
T 10	18 42 25	9°15'42	6♈ 1	4° 2	23°37	21° 5	25° 7	11°52	8°45	20° 1	5°55	15°D49	14°39	5°49	n.a.	T 10
W11	18 46 22	10°13'18	19°59	4°22	24°32	21°42	25° 0	11°58	8°43	20° 0	5°56	15°49	14°36	5°55	n.a.	W11
T 12	18 50 19	11°10'56	3♉41	4°38	25°28	22°19	24°53	12° 5	8°41	19°59	5°56	15°50	14°33	6° 2	n.a.	T 12
F 13	18 54 15	12° 8'36	17° 7	4°49	26°24	22°55	24°46	12°12	8°39	19°58	5°56	15°52	14°30	6° 9	n.a.	F 13
S 14	18 58 12	13° 6'17	0♊19	4°55	27°20	23°32	24°39	12°19	8°37	19°57	5°R56	15°53	14°26	6°16	n.a.	S 14
S 15	19 2 8	14° 4'01	13°16	4°R55	28°17	24° 8	24°32	12°25	8°36	19°55	5°56	15°R54	14°23	6°22	n.a.	S 15
M16	19 6 5	15° 1'45	26° 1	4°50	29°14	24°44	24°25	12°32	8°34	19°54	5°56	15°54	14°20	6°29	n.a.	M16
T 17	19 10 1	15°59'32	8♋35	4°39	0♊12	25°20	24°18	12°39	8°32	19°53	5°56	15°52	14°17	6°36	n.a.	T 17
W18	19 13 58	16°57'20	20°57	4°22	1°10	25°56	24°11	12°46	8°30	19°51	5°55	15°48	14°14	6°42	n.a.	W18
T 19	19 17 54	17°55'09	3♌10	4° 0	2° 9	26°31	24° 5	12°53	8°29	19°50	5°55	15°44	14°11	6°49	n.a.	T 19
F 20	19 21 51	18°53'00	15°14	3°32	3° 8	27° 7	23°58	13° 0	8°27	19°49	5°55	15°38	14° 7	6°56	n.a.	F 20
S 21	19 25 48	19°50'53	27°12	2°58	4° 7	27°42	23°52	13° 7	8°25	19°47	5°55	15°32	14° 4	7° 3	n.a.	S 21
S 22	19 29 44	20°48'46	9♍ 5	2°19	5° 7	28°17	23°46	13°14	8°24	19°46	5°55	15°26	14° 1	7° 9	n.a.	S 22
M23	19 33 41	21°46'42	20°56	1°36	6° 7	28°51	23°40	13°21	8°22	19°45	5°55	15°21	13°58	7°16	n.a.	M23
T 24	19 37 37	22°44'38	2♎49	0°48	7° 8	29°26	23°34	13°28	8°21	19°43	5°54	15°18	13°55	7°23	n.a.	T 24
W25	19 41 34	23°42'37	14°48	29♋57	8° 9	0♉ 0	23°28	13°35	8°19	19°42	5°54	15°16	13°51	7°30	n.a.	W25
T 26	19 45 30	24°40'36	26°58	29° 3	9°10	0°34	23°23	13°42	8°18	19°40	5°54	15°D15	13°48	7°36	n.a.	T 26
F 27	19 49 27	25°38'38	9♏23	28° 7	10°12	1° 8	23°17	13°49	8°16	19°39	5°54	15°16	13°45	7°43	n.a.	F 27
S 28	19 53 23	26°36'40	22° 8	27°11	11°13	1°42	23°12	13°56	8°15	19°37	5°53	15°17	13°42	7°50	n.a.	S 28
S 29	19 57 20	27°34'45	5♐17	26°16	12°16	2°15	23° 7	14° 4	8°14	19°36	5°53	15°19	13°39	7°56	n.a.	S 29
M30	20 1 17	28°32'51	18°52	25°22	13°18	2°48	23° 2	14°11	8°13	19°34	5°53	15°R19	13°36	8° 3	n.a.	M30
T 31	20 5 13	29♋30'58	2♑55	24♋31	14♊21	3♉21	22♐57	14♌18	8♐11	19♒33	5♈52	15♐18	13♐32	8♍10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n46	21s29	1s42	20n 0	0s53	13n 1	3s57	4n32	1s45	24s 7	0s24	19n20	1n40	22s15	0s 8	16s 5	1s12	12s33	16s18	23s 1	22s56	5n10			n.a.
M 2	23 46	22 51	0 29	19 37	1 5	13 16	3 56	4 47	1 45	24 7	0 25	19 18	1 40	22 14	0 8	16 6	1 12	12 33	16 19	23 1	22 55	5 8			n.a.
T 3	23 45	22 52	0n48	19 15	1 16	13 32	3 55	5 2	1 45	24 7	0 25	19 16	1 40	22 14	0 8	16 6	1 12	12 33	16 19	23 1	22 55	5 5			n.a.
W 4	23 43	21 24	2 3	18 53	1 28	13 47	3 54	5 17	1 45	24 7	0 25	19 15	1 40	22 14	0 8	16 6	1 12	12 33	16 19	23 1	22 54	5 3			n.a.
T 5	23 42	18 33	3 12	18 32	1 40	14 2	3 52	5 32	1 44	24 7	0 25	19 13	1 40	22 13	0 8	16 7	1 12	12 33	16 20	23 1	22 54	5 0			n.a.
F 6	23 39	14 29	4 9	18 11	1 52	14 18	3 50	5 47	1 44	24 7	0 25	19 11	1 40	22 13	0 8	16 7	1 12	12 34	16 20	23 1	22 54	4 57			n.a.
S 7	23 37	9 34	4 49	17 51	2 4	14 34	3 49	6 2	1 44	24 7	0 25	19 9	1 39	22 13	0 8	16 7	1 12	12 34	16 20	23 1	22 53	4 55			n.a.
S 8	23 34	4 7	5 11	17 31	2 17	14 49	3 47	6 16	1 44	24 7	0 26	19 7	1 39	22 12	0 8	16 8	1 12	12 34	16 21	23 0	22 53	4 52			n.a.
M 9	23 30	1n29	5 13	17 12	2 29	15 5	3 45	6 30	1 43	24 7	0 26	19 5	1 39	22 12	0 8	16 8	1 12	12 34	16 21	23 0	22 53	4 50			n.a.
T 10	23 26	6 56	4 55	16 55	2 41	15 21	3 42	6 45	1 43	24 6	0 26	19 3	1 39	22 12	0 8	16 9	1 12	12 35	16 21	23 0	22 52	4 47			n.a.
W11	23 22	11 55	4 20	16 38	2 53	15 36	3 40	6 59	1 43	24 6	0 26	19 1	1 39	22 11	0 8	16 9	1 12	12 35	16 22	23 0	22 52	4 44			n.a.
T 12	23 17	16 13	3 31	16 23	3 4	15 52	3 38	7 13	1 42	24 6	0 26	19 0	1 39	22 11	0 8	16 9	1 12	12 35	16 22	23 0	22 52	4 42			n.a.
F 13	23 12	19 36	2 31	16 9	3 16	16 8	3 35	7 27	1 42	24 6	0 26	18 58	1 39	22 11	0 8	16 10	1 12	12 35	16 22	23 0	22 51	4 39			n.a.
S 14	23 7	21 52	1 25	15 57	3 27	16 23	3 32	7 41	1 42	24 6	0 26	18 56	1 39	22 10	0 8	16 10	1 12	12 36	16 23	23 1	22 51	4 37			n.a.
S 15	23 1	22 57	0 14	15 47	3 38	16 39	3 30	7 55	1 42	24 6	0 26	18 54	1 39	22 10	0 8	16 11	1 12	12 36	16 23	23 1	22 50	4 34			n.a.
M16	22 54	22 47	0s55	15 38	3 48	16 54	3 27	8 9	1 41	24 5	0 27	18 52	1 39	22 10	0 8	16 11	1 12	12 36	16 23	23 1	22 50	4 31			n.a.
T 17	22 48	21 29	2 1	15 32	3 57	17 9	3 24	8 22	1 41	24 5	0 27	18 50	1 39	22 10	0 8	16 12	1 12	12 37	16 23	23 0	22 50	4 29			n.a.
W18	22 41	19 9	3 0	15 27	4 6	17 24	3 21	8 36	1 40	24 5	0 27	18 48	1 39	22 9	0 8	16 12	1 12	12 37	16 24	23 0	22 49	4 26			n.a.
T 19	22 33	16 0	3 50	15 25	4 13	17 39	3 18	8 49	1 40	24 5	0 27	18 46	1 39	22 9	0 8	16 13	1 12	12 37	16 24	23 0	22 49	4 24			n.a.
F 20	22 25	12 13	4 28	15 26	4 20	17 53	3 15	9 2	1 40	24 5	0 27	18 44	1 39	22 9	0 8	16 13	1 12	12 38	16 24	22 59	22 49	4 21			n.a.
S 21	22 17	8 0	4 55	15 28	4 25	18 8	3 11	9 15	1 39	24 5	0 27	18 42	1 39	22 9	0 8	16 13	1 12	12 38	16 25	22 58	22 48	4 18			n.a.
S 22	22 8	3 31	5 9	15 33	4 28	18 22	3 8	9 28	1 39	24 4	0 27	18 40	1 39	22 8	0 8	16 14	1 12	12 38	16 25	22 58	22 48	4 16			n.a.
M23	21 59	1s 5	5 9	15 41	4 31	18 36	3 5	9 41	1 38	24 4	0 27	18 38	1 39	22 8	0 8	16 14	1 12	12 39	16 25	22 57	22 47	4 13			n.a.
T 24	21 49	5 39	4 56	15 51	4 31	18 50	3 1	9 54	1 38	24 4	0 27	18 36	1 39	22 8	0 8	16 15	1 12	12 39	16 26	22 57	22 47	4 11			n.a.
W25	21 39	10 3	4 30	16 3	4 30	19 3	2 57	10 6	1 38	24 4	0 28	18 33	1 39	22 8	0 8	16 15	1 12	12 39	16 26	22 56	22 47	4 8			n.a.
T 26	21 29	14 8	3 52	16 17	4 26	19 16	2 54	10 19	1 37	24 4	0 28	18 31	1 39	22 7	0 8	16 16	1 13	12 40	16 26	22 56	22 46	4 5			n.a.
F 27	21 18	17 42	3 2	16 34	4 21	19 29	2 50	10 31	1 37	24 3	0 28	18 29	1 39	22 7	0 8	16 16	1 13	12 40	16 27	22 56	22 46	4 3			n.a.
S 28	21 7	20 31	2 2	16 52	4 14	19 41	2 46	10 44	1 36	24 3	0 28	18 27	1 39	22 7	0 8	16 17	1 13	12 41	16 27	22 57	22 45	4 0			n.a.
S 29	20 56	22 22	0 54	17 11	4 5	19 53	2 43	10 56	1 36	24 3	0 28	18 25	1 39	22 7	0 8	16 17	1 13	12 41	16 27	22 57	22 45	3 58			n.a.
M30	20 44	22 59	0n19	17 32	3 54	20 5	2 39	11 8	1 35	24 3	0 28	18 23	1 39	22 7	0 8	16 18	1 13	12 41	16 27	22 57	22 45	3 55			n.a.
T 31	20n32	22s10	1n34	17n53	3s41	20n16	2s35	11n19	1s34	24s 3	0s28	18n21	1n39	22s 6	0s 8	16s18	1s13	12s42	16s28	22s57	22s44	3n53			n.a.

Julian Day Number = 1497340.5, Delta T = 05h09m44s
Ecliptic obliquity = 23°46'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'47, Lahiri = -12°25'47 Julian Calendar 1 July 614 BCE == Greg. Calendar 24 June 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

AUGUST 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 9 10	0♌29'08	17♉23	23°R45	15♊24	3♉54	22°R52	14♌25	8°R10	19°R31	5°R52	15°R14	13♐29	8♍17	n.a.	W 1
T 2	20 13 6	1°27'19	2♒12	23♋ 3	16°27	4°26	22♐48	14°32	8♐ 9	19♒30	5♈52	15♐ 9	13°26	8°23	n.a.	T 2
F 3	20 17 3	2°25'32	17°14	22°28	17°31	4°59	22°43	14°40	8° 8	19°28	5°51	15° 3	13°23	8°30	n.a.	F 3
S 4	20 20 59	3°23'46	2♓19	22° 0	18°35	5°31	22°39	14°47	8° 7	19°27	5°51	14°55	13°20	8°37	n.a.	S 4
S 5	20 24 56	4°22'03	17°18	21°40	19°39	6° 3	22°35	14°54	8° 6	19°25	5°50	14°48	13°17	8°44	n.a.	S 5
M 6	20 28 52	5°20'22	2♈ 2	21°29	20°44	6°34	22°31	15° 2	8° 5	19°23	5°50	14°43	13°13	8°50	n.a.	M 6
T 7	20 32 49	6°18'44	16°26	21°D26	21°48	7° 5	22°27	15° 9	8° 4	19°22	5°49	14°39	13°10	8°57	n.a.	T 7
W 8	20 36 45	7°17'07	0♉27	21°32	22°53	7°36	22°24	15°16	8° 3	19°20	5°49	14°37	13° 7	9° 4	n.a.	W 8
T 9	20 40 42	8°15'33	14° 5	21°47	23°59	8° 7	22°20	15°24	8° 2	19°19	5°48	14°D37	13° 4	9°10	n.a.	T 9
F 10	20 44 39	9°14'01	27°21	22°11	25° 4	8°37	22°17	15°31	8° 2	19°17	5°48	14°38	13° 1	9°17	n.a.	F 10
S 11	20 48 35	10°12'32	10♊17	22°44	26°10	9° 8	22°14	15°38	8° 1	19°15	5°47	14°R39	12°57	9°24	n.a.	S 11
S 12	20 52 32	11°11'04	22°58	23°26	27°16	9°37	22°11	15°46	8° 0	19°14	5°47	14°39	12°54	9°31	n.a.	S 12
M13	20 56 28	12° 9'40	5♋26	24°16	28°22	10° 7	22° 9	15°53	8° 0	19°12	5°46	14°36	12°51	9°37	n.a.	M13
T 14	21 0 25	13° 8'17	17°44	25°14	29°28	10°36	22° 6	16° 0	7°59	19°10	5°46	14°32	12°48	9°44	n.a.	T 14
W15	21 4 21	14° 6'56	29°54	26°18	0♋35	11° 5	22° 4	16° 8	7°58	19° 9	5°45	14°24	12°45	9°51	n.a.	W15
T 16	21 8 18	15° 5'38	11♌57	27°30	1°42	11°34	22° 2	16°15	7°58	19° 7	5°44	14°15	12°42	9°57	n.a.	T 16
F 17	21 12 14	16° 4'21	23°54	28°48	2°49	12° 2	22° 0	16°23	7°57	19° 5	5°44	14° 3	12°38	10° 4	n.a.	F 17
S 18	21 16 11	17° 3'07	5♍48	0♌11	3°56	12°30	21°59	16°30	7°57	19° 4	5°43	13°51	12°35	10°11	n.a.	S 18
S 19	21 20 8	18° 1'54	17°40	1°39	5° 3	12°58	21°57	16°37	7°57	19° 2	5°42	13°39	12°32	10°18	n.a.	S 19
M20	21 24 4	19° 0'44	29°31	3°11	6°11	13°25	21°56	16°45	7°56	19° 0	5°42	13°29	12°29	10°24	n.a.	M20
T 21	21 28 1	19°59'35	11♎24	4°47	7°19	13°52	21°55	16°52	7°56	18°59	5°41	13°20	12°26	10°31	n.a.	T 21
W22	21 31 57	20°58'29	23°22	6°26	8°27	14°18	21°54	17° 0	7°56	18°57	5°40	13°14	12°23	10°38	n.a.	W22
T 23	21 35 54	21°57'24	5♏30	8° 7	9°35	14°45	21°53	17° 7	7°56	18°55	5°39	13°10	12°19	10°45	n.a.	T 23
F 24	21 39 50	22°56'21	17°51	9°50	10°43	15°10	21°53	17°14	7°56	18°54	5°39	13°D 9	12°16	10°51	n.a.	F 24
S 25	21 43 47	23°55'20	0♐30	11°36	11°51	15°36	21°53	17°22	7°D56	18°52	5°38	13° 9	12°13	10°58	n.a.	S 25
S 26	21 47 43	24°54'21	13°32	13°22	13° 0	16° 1	21°D52	17°29	7°56	18°50	5°37	13°R 9	12°10	11° 5	n.a.	S 26
M27	21 51 40	25°53'24	27° 2	15° 9	14° 9	16°26	21°53	17°36	7°56	18°49	5°36	13° 9	12° 7	11°11	n.a.	M27
T 28	21 55 37	26°52'29	11♑ 1	16°57	15°18	16°50	21°53	17°44	7°56	18°47	5°35	13° 6	12° 3	11°18	n.a.	T 28
W29	21 59 33	27°51'36	25°29	18°45	16°27	17°14	21°53	17°51	7°56	18°46	5°34	13° 1	12° 0	11°25	n.a.	W29
T 30	22 3 30	28°50'45	10♒23	20°34	17°36	17°37	21°54	17°58	7°56	18°44	5°34	12°53	11°57	11°32	n.a.	T 30
F 31	22 7 26	29♌49'55	25♒36	22♌22	18♋46	18♉ 0	21♐55	18♌ 6	7♐57	18♒42	5♈33	12♐43	11♐54	11♍38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n19	19s54	2n44	18n15	3s27	20n27	2s31	11n31	1s34	24s 3	0s28	18n19	1n39	22s 6	0s 8	16s19	1s13	12s42	16s28	22s56	22s44	3n50		n.a.
T 2	20 7	16 17	3 46	18 37	3 11	20 38	2 27	11 43	1 33	24 2	0 28	18 17	1 39	22 6	0 8	16 19	1 13	12 43	16 28	22 56	22 44	3 47		n.a.
F 3	19 53	11 34	4 32	19 0	2 55	20 48	2 23	11 54	1 33	24 2	0 28	18 14	1 39	22 6	0 8	16 20	1 13	12 43	16 29	22 55	22 43	3 45		n.a.
S 4	19 40	6 8	5 0	19 21	2 37	20 58	2 19	12 6	1 32	24 2	0 28	18 12	1 39	22 6	0 8	16 20	1 13	12 43	16 29	22 54	22 43	3 42		n.a.
S 5	19 26	0 23	5 7	19 42	2 19	21 7	2 15	12 17	1 32	24 2	0 29	18 10	1 40	22 5	0 8	16 21	1 13	12 44	16 29	22 53	22 42	3 40		n.a.
M 6	19 12	5n18	4 53	20 2	2 1	21 16	2 11	12 28	1 31	24 2	0 29	18 8	1 40	22 5	0 8	16 22	1 13	12 44	16 29	22 53	22 42	3 37		n.a.
T 7	18 57	10 33	4 21	20 21	1 42	21 25	2 6	12 39	1 30	24 2	0 29	18 6	1 40	22 5	0 8	16 22	1 13	12 45	16 30	22 52	22 42	3 34		n.a.
W 8	18 42	15 8	3 34	20 38	1 24	21 32	2 2	12 50	1 30	24 2	0 29	18 4	1 40	22 5	0 8	16 23	1 13	12 45	16 30	22 52	22 41	3 32		n.a.
T 9	18 27	18 46	2 36	20 54	1 6	21 40	1 58	13 0	1 29	24 1	0 29	18 2	1 40	22 5	0 8	16 23	1 13	12 46	16 30	22 52	22 41	3 29		n.a.
F 10	18 11	21 19	1 32	21 8	0 48	21 47	1 54	13 11	1 28	24 1	0 29	17 59	1 40	22 5	0 8	16 24	1 13	12 46	16 31	22 52	22 40	3 27		n.a.
S 11	17 56	22 41	0 23	21 19	0 31	21 53	1 50	13 21	1 28	24 1	0 29	17 57	1 40	22 5	0 8	16 24	1 13	12 47	16 31	22 52	22 40	3 24		n.a.
S 12	17 39	22 50	0s44	21 28	0 14	21 59	1 45	13 31	1 27	24 1	0 29	17 55	1 40	22 5	0 8	16 25	1 13	12 47	16 31	22 52	22 39	3 22		n.a.
M13	17 23	21 50	1 49	21 35	0n 1	22 4	1 41	13 41	1 26	24 1	0 29	17 53	1 40	22 4	0 8	16 25	1 13	12 48	16 31	22 52	22 39	3 19		n.a.
T 14	17 6	19 49	2 47	21 39	0 16	22 9	1 37	13 51	1 25	24 1	0 29	17 51	1 40	22 4	0 8	16 26	1 13	12 48	16 32	22 51	22 39	3 16		n.a.
W15	16 49	16 55	3 37	21 40	0 30	22 14	1 32	14 1	1 25	24 1	0 29	17 48	1 40	22 4	0 8	16 26	1 13	12 49	16 32	22 51	22 38	3 14		n.a.
T 16	16 32	13 20	4 16	21 38	0 42	22 17	1 28	14 11	1 24	24 1	0 29	17 46	1 40	22 4	0 8	16 27	1 13	12 49	16 32	22 49	22 38	3 11		n.a.
F 17	16 14	9 16	4 44	21 34	0 54	22 20	1 24	14 20	1 23	24 1	0 29	17 44	1 40	22 4	0 8	16 27	1 13	12 50	16 32	22 48	22 37	3 9		n.a.
S 18	15 56	4 52	5 0	21 26	1 4	22 23	1 20	14 30	1 22	24 1	0 29	17 42	1 40	22 4	0 8	16 28	1 13	12 50	16 33	22 47	22 37	3 6		n.a.
S 19	15 38	0 19	5 2	21 16	1 14	22 25	1 15	14 39	1 22	24 1	0 30	17 40	1 40	22 4	0 8	16 29	1 13	12 51	16 33	22 45	22 37	3 3		n.a.
M20	15 20	4s14	4 51	21 2	1 22	22 26	1 11	14 48	1 21	24 1	0 30	17 37	1 40	22 4	0 8	16 29	1 13	12 51	16 33	22 44	22 36	3 1		n.a.
T 21	15 1	8 39	4 27	20 46	1 29	22 27	1 7	14 57	1 20	24 1	0 30	17 35	1 40	22 4	0 8	16 30	1 13	12 52	16 33	22 43	22 36	2 58		n.a.
W22	14 42	12 47	3 52	20 27	1 35	22 27	1 3	15 6	1 19	24 1	0 30	17 33	1 40	22 4	0 8	16 30	1 13	12 52	16 34	22 42	22 35	2 56		n.a.
T 23	14 23	16 27	3 6	20 6	1 40	22 27	0 58	15 14	1 18	24 1	0 30	17 31	1 40	22 4	0 8	16 31	1 13	12 53	16 34	22 42	22 35	2 53		n.a.
F 24	14 3	19 28	2 10	19 42	1 44	22 26	0 54	15 23	1 17	24 1	0 30	17 28	1 41	22 4	0 8	16 31	1 13	12 53	16 34	22 41	22 35	2 51		n.a.
S 25	13 44	21 37	1 7	19 16	1 48	22 24	0 50	15 31	1 16	24 1	0 30	17 26	1 41	22 4	0 8	16 32	1 13	12 54	16 34	22 41	22 34	2 48		n.a.
S 26	13 24	22 42	0n 2	18 47	1 50	22 22	0 46	15 39	1 15	24 1	0 30	17 24	1 41	22 4	0 8	16 32	1 13	12 54	16 34	22 41	22 34	2 45		n.a.
M27	13 4	22 31	1 13	18 17	1 51	22 19	0 42	15 48	1 14	24 1	0 30	17 22	1 41	22 4	0 8	16 33	1 13	12 55	16 35	22 41	22 33	2 43		n.a.
T 28	12 43	20 57	2 22	17 45	1 52	22 15	0 37	15 56	1 13	24 1	0 30	17 20	1 41	22 4	0 8	16 33	1 13	12 55	16 35	22 41	22 33	2 40		n.a.
W29	12 23	17 59	3 24	17 11	1 52	22 11	0 33	16 3	1 12	24 1	0 30	17 17	1 41	22 4	0 8	16 34	1 13	12 56	16 35	22 40	22 32	2 38		n.a.
T 30	12 2	13 48	4 14	16 36	1 52	22 6	0 29	16 11	1 11	24 1	0 30	17 15	1 41	22 4	0 8	16 34	1 13	12 56	16 35	22 39	22 32	2 35		n.a.
F 31	11n41	8s39	4n48	15n59	1n50	22n 1	0s25	16n18	1s10	24s 1	0s30	17n13	1n41	22s 4	0s 8	16s35	1s13	12s57	16s35	22s38	22s32	2n33		n.a.

Julian Day Number = 1497371.5, Delta T = 05h09m43s
Ecliptic obliquity = 23°46'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'43, Lahiri = -12°25'43 Julian Calendar 1 Aug. 614 BCE == Greg. Calendar 25 July 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

SEPTEMBER 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 11 23	0♍49'08	10♓56	24♌10	19♋55	18♉23	21♐56	18♌13	7♐57	18°R41	5°R32	12°R32	11♐51	11♍45	n.a.	S 1
S 2	22 15 19	1°48'23	26°13	25°58	21° 5	18°45	21°57	18°20	7°57	18♒39	5♈31	12♐22	11°48	11°52	n.a.	S 2
M 3	22 19 16	2°47'40	11♈15	27°46	22°15	19° 7	21°59	18°27	7°58	18°37	5°30	12°13	11°44	11°59	n.a.	M 3
T 4	22 23 12	3°47'00	25°54	29°33	23°25	19°28	22° 1	18°35	7°58	18°36	5°29	12° 6	11°41	12° 5	n.a.	T 4
W 5	22 27 9	4°46'22	10♉ 6	1♍19	24°35	19°49	22° 2	18°42	7°59	18°34	5°28	12° 2	11°38	12°12	n.a.	W 5
T 6	22 31 5	5°45'47	23°49	3° 5	25°45	20° 9	22° 4	18°49	7°59	18°33	5°27	12° 0	11°35	12°19	n.a.	T 6
F 7	22 35 2	6°45'14	7♊ 6	4°50	26°56	20°29	22° 7	18°56	8° 0	18°31	5°26	12° 0	11°32	12°25	n.a.	F 7
S 8	22 38 59	7°44'43	19°59	6°35	28° 6	20°48	22° 9	19° 3	8° 1	18°30	5°25	12° 0	11°28	12°32	n.a.	S 8
S 9	22 42 55	8°44'16	2♋32	8°19	29°17	21° 7	22°12	19°10	8° 2	18°28	5°24	11°59	11°25	12°39	n.a.	S 9
M10	22 46 52	9°43'50	14°51	10° 2	0♌28	21°26	22°15	19°17	8° 2	18°26	5°23	11°56	11°22	12°46	n.a.	M10
T 11	22 50 48	10°43'27	26°59	11°44	1°39	21°43	22°18	19°25	8° 3	18°25	5°22	11°50	11°19	12°52	n.a.	T 11
W12	22 54 45	11°43'06	8♌59	13°26	2°50	22° 0	22°21	19°32	8° 4	18°23	5°21	11°40	11°16	12°59	n.a.	W12
T 13	22 58 41	12°42'47	20°55	15° 7	4° 1	22°17	22°24	19°39	8° 5	18°22	5°20	11°29	11°13	13° 6	n.a.	T 13
F 14	23 2 38	13°42'31	2♍48	16°47	5°13	22°33	22°28	19°46	8° 6	18°21	5°19	11°15	11° 9	13°13	n.a.	F 14
S 15	23 6 34	14°42'16	14°40	18°27	6°24	22°48	22°32	19°53	8° 7	18°19	5°18	11° 0	11° 6	13°19	n.a.	S 15
S 16	23 10 31	15°42'04	26°32	20° 6	7°36	23° 3	22°36	19°59	8° 8	18°18	5°17	10°45	11° 3	13°26	n.a.	S 16
M17	23 14 27	16°41'54	8♎26	21°45	8°47	23°18	22°40	20° 6	8° 9	18°16	5°16	10°32	11° 0	13°33	n.a.	M17
T 18	23 18 24	17°41'45	20°23	23°22	9°59	23°31	22°44	20°13	8°11	18°15	5°15	10°21	10°57	13°39	n.a.	T 18
W19	23 22 21	18°41'39	2♏25	24°59	11°11	23°44	22°49	20°20	8°12	18°13	5°14	10°13	10°54	13°46	n.a.	W19
T 20	23 26 17	19°41'35	14°36	26°36	12°23	23°56	22°53	20°27	8°13	18°12	5°13	10° 8	10°50	13°53	n.a.	T 20
F 21	23 30 14	20°41'32	26°58	28°12	13°35	24° 8	22°58	20°33	8°14	18°11	5°12	10° 6	10°47	14° 0	n.a.	F 21
S 22	23 34 10	21°41'32	9♐35	29°48	14°47	24°19	23° 3	20°40	8°16	18° 9	5°10	10°D 5	10°44	14° 6	n.a.	S 22
S 23	23 38 7	22°41'33	22°32	1♎22	16° 0	24°29	23° 8	20°47	8°17	18° 8	5° 9	10°R 5	10°41	14°13	n.a.	S 23
M24	23 42 3	23°41'36	5♑53	2°57	17°12	24°39	23°14	20°53	8°19	18° 7	5° 8	10° 5	10°38	14°20	n.a.	M24
T 25	23 46 0	24°41'40	19°41	4°31	18°24	24°48	23°19	21° 0	8°20	18° 5	5° 7	10° 2	10°34	14°26	n.a.	T 25
W26	23 49 56	25°41'46	3♒58	6° 4	19°37	24°56	23°25	21° 7	8°22	18° 4	5° 6	9°58	10°31	14°33	n.a.	W26
T 27	23 53 53	26°41'54	18°41	7°37	20°50	25° 3	23°31	21°13	8°24	18° 3	5° 5	9°51	10°28	14°40	n.a.	T 27
F 28	23 57 50	27°42'04	3♓46	9° 9	22° 2	25°10	23°37	21°20	8°25	18° 2	5° 4	9°41	10°25	14°47	n.a.	F 28
S 29	0 1 46	28°42'15	19° 3	10°41	23°15	25°16	23°43	21°26	8°27	18° 1	5° 3	9°31	10°22	14°53	n.a.	S 29
S 30	0 5 43	29♍42'28	4♈22	12♎13	24♌28	25♉21	23♐50	21♌32	8♐29	18♒ 0	5♈ 2	9♐20	10♐19	15♍ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n20	2s56	5n 1	15n21	1n49	21n55	0s21	16n26	1s 9	24s 1	0s30	17n11	1n41	22s 4	0s 8	16s35	1s13	12s57	16s36	22s37	22s31	2n30		n.a.
S 2	10 59	2n56	4 52	14 42	1 46	21 48	0 17	16 33	1 8	24 1	0 30	17 9	1 41	22 4	0 8	16 36	1 13	12 58	16 36	22 35	22 31	2 27		n.a.
M 3	10 37	8 32	4 23	14 2	1 44	21 41	0 13	16 40	1 7	24 1	0 30	17 6	1 41	22 4	0 8	16 36	1 13	12 58	16 36	22 34	22 30	2 25		n.a.
T 4	10 15	13 31	3 38	13 21	1 40	21 33	0 9	16 47	1 6	24 2	0 30	17 4	1 41	22 4	0 8	16 37	1 13	12 59	16 36	22 33	22 30	2 22		n.a.
W 5	9 53	17 34	2 40	12 39	1 37	21 24	0 6	16 54	1 5	24 2	0 30	17 2	1 42	22 4	0 8	16 37	1 13	12 59	16 36	22 33	22 29	2 20		n.a.
T 6	9 31	20 31	1 35	11 57	1 33	21 15	0 2	17 1	1 3	24 2	0 30	17 0	1 42	22 5	0 8	16 38	1 13	13 0	16 36	22 32	22 29	2 17		n.a.
F 7	9 9	22 13	0 26	11 14	1 29	21 5	0n 2	17 7	1 2	24 2	0 30	16 58	1 42	22 5	0 8	16 38	1 13	13 0	16 37	22 32	22 28	2 15		n.a.
S 8	8 47	22 41	0s42	10 31	1 24	20 55	0 6	17 13	1 1	24 2	0 30	16 56	1 42	22 5	0 8	16 39	1 13	13 1	16 37	22 32	22 28	2 12		n.a.
S 9	8 24	21 58	1 46	9 47	1 19	20 44	0 9	17 20	1 0	24 2	0 30	16 53	1 42	22 5	0 8	16 39	1 13	13 1	16 37	22 32	22 28	2 10		n.a.
M10	8 2	20 13	2 44	9 3	1 14	20 32	0 13	17 26	0 58	24 3	0 30	16 51	1 42	22 5	0 8	16 40	1 13	13 2	16 37	22 32	22 27	2 7		n.a.
T 11	7 39	17 34	3 33	8 19	1 8	20 20	0 16	17 32	0 57	24 3	0 31	16 49	1 42	22 5	0 8	16 40	1 13	13 2	16 37	22 31	22 27	2 4		n.a.
W12	7 16	14 12	4 13	7 34	1 3	20 7	0 20	17 37	0 56	24 3	0 31	16 47	1 42	22 5	0 8	16 41	1 13	13 3	16 37	22 30	22 26	2 2		n.a.
T 13	6 53	10 17	4 41	6 49	0 57	19 54	0 23	17 43	0 54	24 3	0 31	16 45	1 42	22 5	0 8	16 41	1 13	13 3	16 37	22 28	22 26	1 59		n.a.
F 14	6 30	6 1	4 56	6 4	0 51	19 40	0 27	17 48	0 53	24 4	0 31	16 43	1 43	22 6	0 8	16 42	1 13	13 4	16 38	22 26	22 25	1 57		n.a.
S 15	6 6	1 32	4 59	5 19	0 45	19 25	0 30	17 54	0 52	24 4	0 31	16 41	1 43	22 6	0 8	16 42	1 13	13 4	16 38	22 24	22 25	1 54		n.a.
S 16	5 43	3s 0	4 48	4 34	0 39	19 10	0 33	17 59	0 50	24 4	0 31	16 39	1 43	22 6	0 8	16 43	1 13	13 5	16 38	22 22	22 24	1 52		n.a.
M17	5 19	7 26	4 25	3 49	0 33	18 54	0 37	18 4	0 49	24 4	0 31	16 36	1 43	22 6	0 8	16 43	1 13	13 5	16 38	22 20	22 24	1 49		n.a.
T 18	4 56	11 37	3 50	3 4	0 26	18 38	0 40	18 9	0 47	24 5	0 31	16 34	1 43	22 6	0 8	16 43	1 13	13 6	16 38	22 18	22 24	1 46		n.a.
W19	4 32	15 22	3 5	2 19	0 20	18 21	0 43	18 14	0 46	24 5	0 31	16 32	1 43	22 7	0 8	16 44	1 13	13 6	16 38	22 17	22 23	1 44		n.a.
T 20	4 8	18 31	2 10	1 34	0 13	18 3	0 46	18 18	0 44	24 5	0 31	16 30	1 43	22 7	0 8	16 44	1 13	13 7	16 38	22 17	22 23	1 41		n.a.
F 21	3 44	20 52	1 9	0 49	0 7	17 45	0 49	18 23	0 42	24 6	0 31	16 28	1 44	22 7	0 8	16 45	1 13	13 7	16 38	22 16	22 22	1 39		n.a.
S 22	3 20	22 14	0 3	0 5	0s 0	17 27	0 52	18 27	0 41	24 6	0 31	16 26	1 44	22 7	0 8	16 45	1 13	13 8	16 38	22 16	22 22	1 36		n.a.
S 23	2 56	22 28	1n 5	0s39	0 7	17 8	0 55	18 31	0 39	24 6	0 31	16 24	1 44	22 7	0 8	16 45	1 13	13 8	16 38	22 16	22 21	1 34		n.a.
M24	2 32	21 26	2 12	1 24	0 13	16 48	0 57	18 35	0 38	24 6	0 31	16 22	1 44	22 8	0 8	16 46	1 13	13 9	16 38	22 16	22 21	1 31		n.a.
T 25	2 8	19 7	3 13	2 7	0 20	16 28	1 0	18 39	0 36	24 7	0 31	16 20	1 44	22 8	0 8	16 46	1 13	13 9	16 38	22 16	22 20	1 29		n.a.
W26	1 44	15 34	4 5	2 51	0 27	16 8	1 3	18 43	0 34	24 7	0 31	16 18	1 44	22 8	0 8	16 47	1 13	13 10	16 38	22 15	22 20	1 26		n.a.
T 27	1 20	10 58	4 42	3 34	0 34	15 47	1 5	18 46	0 32	24 7	0 31	16 16	1 44	22 8	0 8	16 47	1 13	13 10	16 38	22 14	22 19	1 24		n.a.
F 28	0 56	5 36	5 0	4 17	0 40	15 25	1 8	18 50	0 30	24 8	0 31	16 14	1 45	22 9	0 8	16 47	1 13	13 11	16 38	22 13	22 19	1 21		n.a.
S 29	0 31	0n10	4 58	5 0	0 47	15 3	1 10	18 53	0 29	24 8	0 31	16 12	1 45	22 9	0 8	16 48	1 13	13 11	16 38	22 11	22 19	1 18		n.a.
S 30	0n 7	5n56	4n34	5s42	0s53	14n41	1n12	18n56	0s27	24s 8	0s31	16n10	1n45	22s 9	0s 8	16s48	1s13	13s12	16s39	22s 9	22s18	1n16		n.a.

Julian Day Number = 1497402.5, Delta T = 05h09m41s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'39, Lahiri = -12°25'38 Julian Calendar 1 Sept. 614 BCE == Greg. Calendar 25 Aug. 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

OCTOBER 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 9 39	0♎42'43	19♈31	13♎44	25♌41	25♉26	23♐56	21♌39	8♐30	17°R58	5°R 0	9°R11	10♐15	15♍ 7	n.a.	M 1
T 2	0 13 36	1°43'01	4♉21	15°14	26°54	25°29	24° 3	21°45	8°32	17♒57	4♈59	9♐ 4	10°12	15°14	n.a.	T 2
W 3	0 17 32	2°43'20	18°44	16°44	28° 7	25°32	24°10	21°51	8°34	17°56	4°58	9° 0	10° 9	15°20	n.a.	W 3
T 4	0 21 29	3°43'41	2♊37	18°14	29°21	25°34	24°17	21°57	8°36	17°55	4°57	8°59	10° 6	15°27	n.a.	T 4
F 5	0 25 25	4°44'05	16° 1	19°43	0♍34	25°35	24°24	22° 3	8°38	17°54	4°56	8°D59	10° 3	15°34	n.a.	F 5
S 6	0 29 22	5°44'30	28°59	21°12	1°47	25°R36	24°31	22° 9	8°40	17°53	4°55	8°59	9°59	15°40	n.a.	S 6
S 7	0 33 19	6°44'58	11♋34	22°40	3° 1	25°35	24°39	22°15	8°42	17°52	4°54	8°R59	9°56	15°47	n.a.	S 7
M 8	0 37 15	7°45'27	23°51	24° 8	4°14	25°34	24°46	22°21	8°44	17°51	4°52	8°58	9°53	15°54	n.a.	M 8
T 9	0 41 12	8°45'59	5♌56	25°35	5°28	25°32	24°54	22°27	8°47	17°50	4°51	8°54	9°50	16° 1	n.a.	T 9
W10	0 45 8	9°46'33	17°53	27° 2	6°42	25°29	25° 2	22°33	8°49	17°49	4°50	8°48	9°47	16° 7	n.a.	W10
T 11	0 49 5	10°47'08	29°45	28°28	7°55	25°25	25°10	22°39	8°51	17°49	4°49	8°39	9°44	16°14	n.a.	T 11
F 12	0 53 1	11°47'45	11♍37	29°53	9° 9	25°20	25°18	22°44	8°53	17°48	4°48	8°29	9°40	16°21	n.a.	F 12
S 13	0 56 58	12°48'24	23°29	1♏17	10°23	25°15	25°27	22°50	8°56	17°47	4°47	8°17	9°37	16°27	n.a.	S 13
S 14	1 0 54	13°49'04	5♎24	2°41	11°37	25° 8	25°35	22°55	8°58	17°46	4°46	8° 6	9°34	16°34	n.a.	S 14
M15	1 4 51	14°49'47	17°25	4° 4	12°51	25° 1	25°44	23° 1	9° 0	17°45	4°45	7°56	9°31	16°41	n.a.	M15
T 16	1 8 47	15°50'30	29°30	5°26	14° 5	24°52	25°53	23° 6	9° 3	17°45	4°43	7°48	9°28	16°48	n.a.	T 16
W17	1 12 44	16°51'16	11♏43	6°47	15°19	24°43	26° 2	23°12	9° 5	17°44	4°42	7°42	9°25	16°54	n.a.	W17
T 18	1 16 41	17°52'02	24° 4	8° 7	16°33	24°33	26°11	23°17	9° 8	17°43	4°41	7°38	9°21	17° 1	n.a.	T 18
F 19	1 20 37	18°52'51	6♐36	9°25	17°48	24°22	26°20	23°22	9°11	17°43	4°40	7°D37	9°18	17° 8	n.a.	F 19
S 20	1 24 34	19°53'40	19°21	10°42	19° 2	24°11	26°29	23°27	9°13	17°42	4°39	7°38	9°15	17°15	n.a.	S 20
S 21	1 28 30	20°54'30	2♑21	11°56	20°16	23°58	26°39	23°32	9°16	17°42	4°38	7°39	9°12	17°21	n.a.	S 21
M22	1 32 27	21°55'22	15°41	13° 9	21°31	23°45	26°48	23°37	9°18	17°41	4°37	7°R40	9° 9	17°28	n.a.	M22
T 23	1 36 23	22°56'14	29°21	14°20	22°45	23°31	26°58	23°42	9°21	17°41	4°36	7°40	9° 5	17°35	n.a.	T 23
W24	1 40 20	23°57'08	13♒24	15°27	23°59	23°16	27° 8	23°47	9°24	17°40	4°35	7°38	9° 2	17°41	n.a.	W24
T 25	1 44 16	24°58'02	27°48	16°32	25°14	23° 0	27°18	23°52	9°27	17°40	4°34	7°35	8°59	17°48	n.a.	T 25
F 26	1 48 13	25°58'58	12♓32	17°33	26°28	22°44	27°28	23°57	9°29	17°39	4°33	7°30	8°56	17°55	n.a.	F 26
S 27	1 52 10	26°59'54	27°29	18°31	27°43	22°26	27°38	24° 1	9°32	17°39	4°32	7°23	8°53	18° 2	n.a.	S 27
S 28	1 56 6	28° 0'51	12♈31	19°23	28°57	22° 9	27°48	24° 6	9°35	17°39	4°30	7°17	8°50	18° 8	n.a.	S 28
M29	2 0 3	29° 1'50	27°28	20°11	0♎12	21°50	27°59	24°10	9°38	17°38	4°29	7°11	8°46	18°15	n.a.	M29
T 30	2 3 59	0♏ 2'50	12♉12	20°53	1°27	21°31	28° 9	24°15	9°41	17°38	4°28	7° 7	8°43	18°22	n.a.	T 30
W31	2 7 56	1♏ 3'50	26♉36	21♏28	2♎41	21♉11	28♐20	24♌19	9♐44	17♒38	4♈27	7♐ 5	8♐40	18♍28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0s17	11n17	3n51	6s24	1s 0	14n18	1n14	18n59	0s25	24s 9	0s31	16n 8	1n45	22s10	0s 8	16s48	1s13	13s12	16s39	22s 8	22s18	1n13			n.a.
T 2	0 42	15 51	2 53	7 6	1 6	13 55	1 17	19 2	0 23	24 9	0 31	16 6	1 45	22 10	0 8	16 49	1 13	13 13	16 39	22 7	22 17	1 11			n.a.
W 3	1 6	19 19	1 46	7 47	1 12	13 31	1 19	19 4	0 21	24 9	0 31	16 5	1 45	22 10	0 8	16 49	1 13	13 13	16 39	22 6	22 17	1 8			n.a.
T 4	1 30	21 31	0 34	8 27	1 19	13 7	1 21	19 7	0 19	24 10	0 31	16 3	1 46	22 11	0 8	16 49	1 13	13 14	16 39	22 6	22 16	1 6			n.a.
F 5	1 54	22 24	0s37	9 7	1 25	12 42	1 22	19 9	0 17	24 10	0 31	16 1	1 46	22 11	0 8	16 50	1 13	13 14	16 38	22 6	22 16	1 3			n.a.
S 6	2 19	22 1	1 45	9 47	1 31	12 18	1 24	19 11	0 15	24 10	0 31	15 59	1 46	22 11	0 8	16 50	1 13	13 14	16 38	22 6	22 15	1 1			n.a.
S 7	2 43	20 31	2 45	10 25	1 36	11 52	1 26	19 13	0 12	24 11	0 31	15 57	1 46	22 11	0 8	16 50	1 13	13 15	16 38	22 6	22 15	0 58			n.a.
M 8	3 7	18 5	3 36	11 4	1 42	11 27	1 28	19 15	0 10	24 11	0 31	15 55	1 46	22 12	0 8	16 50	1 13	13 15	16 38	22 6	22 14	0 56			n.a.
T 9	3 31	14 55	4 16	11 41	1 47	11 1	1 29	19 17	0 8	24 11	0 31	15 54	1 46	22 12	0 8	16 51	1 13	13 16	16 38	22 5	22 14	0 53			n.a.
W10	3 55	11 10	4 45	12 18	1 53	10 35	1 31	19 18	0 6	24 12	0 31	15 52	1 47	22 13	0 8	16 51	1 13	13 16	16 38	22 4	22 13	0 51			n.a.
T 11	4 20	7 1	5 1	12 54	1 58	10 8	1 32	19 19	0 4	24 12	0 31	15 50	1 47	22 13	0 8	16 51	1 13	13 16	16 38	22 3	22 13	0 48			n.a.
F 12	4 44	2 38	5 4	13 29	2 3	9 41	1 33	19 20	0 1	24 12	0 31	15 48	1 47	22 13	0 8	16 51	1 13	13 17	16 38	22 1	22 12	0 46			n.a.
S 13	5 8	1s52	4 54	14 4	2 7	9 14	1 35	19 21	0n 1	24 13	0 31	15 47	1 47	22 14	0 8	16 52	1 12	13 17	16 38	21 59	22 12	0 43			n.a.
S 14	5 31	6 19	4 31	14 37	2 11	8 47	1 36	19 22	0 3	24 13	0 31	15 45	1 47	22 14	0 8	16 52	1 12	13 18	16 38	21 58	22 11	0 40			n.a.
M15	5 55	10 33	3 56	15 10	2 15	8 19	1 37	19 22	0 6	24 13	0 31	15 43	1 48	22 14	0 8	16 52	1 12	13 18	16 38	21 56	22 11	0 38			n.a.
T 16	6 19	14 24	3 10	15 42	2 19	7 51	1 38	19 23	0 8	24 14	0 32	15 42	1 48	22 15	0 8	16 52	1 12	13 18	16 38	21 55	22 10	0 35			n.a.
W17	6 43	17 41	2 15	16 12	2 22	7 23	1 39	19 23	0 11	24 14	0 32	15 40	1 48	22 15	0 8	16 53	1 12	13 19	16 38	21 54	22 10	0 33			n.a.
T 18	7 6	20 13	1 12	16 41	2 25	6 54	1 40	19 23	0 13	24 14	0 32	15 39	1 48	22 16	0 8	16 53	1 12	13 19	16 38	21 53	22 9	0 30			n.a.
F 19	7 30	21 48	0 5	17 9	2 28	6 26	1 40	19 23	0 16	24 15	0 32	15 37	1 48	22 16	0 8	16 53	1 12	13 19	16 38	21 53	22 9	0 28			n.a.
S 20	7 53	22 17	1n 3	17 36	2 29	5 57	1 41	19 22	0 18	24 15	0 32	15 36	1 49	22 16	0 8	16 53	1 12	13 20	16 38	21 53	22 8	0 25			n.a.
S 21	8 16	21 35	2 10	18 1	2 31	5 28	1 42	19 21	0 21	24 15	0 32	15 34	1 49	22 17	0 8	16 53	1 12	13 20	16 37	21 53	22 8	0 23			n.a.
M22	8 39	19 40	3 11	18 25	2 32	4 58	1 42	19 21	0 23	24 15	0 32	15 33	1 49	22 17	0 8	16 53	1 12	13 20	16 37	21 53	22 8	0 20			n.a.
T 23	9 2	16 36	4 3	18 46	2 32	4 29	1 43	19 20	0 26	24 16	0 32	15 31	1 49	22 18	0 8	16 53	1 12	13 21	16 37	21 53	22 7	0 18			n.a.
W24	9 25	12 31	4 42	19 7	2 32	3 59	1 43	19 18	0 29	24 16	0 32	15 30	1 50	22 18	0 8	16 54	1 12	13 21	16 37	21 53	22 7	0 15			n.a.
T 25	9 48	7 38	5 5	19 25	2 31	3 30	1 43	19 17	0 31	24 16	0 32	15 28	1 50	22 18	0 8	16 54	1 12	13 21	16 37	21 52	22 6	0 13			n.a.
F 26	10 10	2 13	5 8	19 41	2 29	3 0	1 43	19 15	0 34	24 16	0 32	15 27	1 50	22 19	0 8	16 54	1 12	13 22	16 37	21 52	22 6	0 10			n.a.
S 27	10 33	3n25	4 51	19 55	2 26	2 30	1 43	19 13	0 37	24 17	0 32	15 26	1 50	22 19	0 8	16 54	1 12	13 22	16 37	21 51	22 5	0 8			n.a.
S 28	10 55	8 53	4 13	20 6	2 22	2 0	1 43	19 11	0 39	24 17	0 32	15 24	1 50	22 20	0 8	16 54	1 12	13 22	16 36	21 50	22 5	0 5			n.a.
M29	11 17	13 48	3 19	20 14	2 18	1 30	1 43	19 9	0 42	24 17	0 32	15 23	1 51	22 20	0 8	16 54	1 12	13 22	16 36	21 49	22 4	0 3			n.a.
T 30	11 39	17 47	2 11	20 20	2 12	0 59	1 43	19 6	0 45	24 17	0 32	15 22	1 51	22 21	0 8	16 54	1 12	13 23	16 36	21 48	22 4	0 0			n.a.
W31	12s 0	20n35	0n57	20s23	2s 5	0n29	1n43	19n 4	0n47	24s17	0s32	15n20	1n51	22s21	0s 8	16s54	1s12	13s23	16s36	21s48	22s 3	0s 2			n.a.

Julian Day Number = 1497432.5, Delta T = 05h09m40s
Ecliptic obliquity = 23°46'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'35, Lahiri = -12°25'34 Julian Calendar 1 Oct. 614 BCE == Greg. Calendar 24 Sept. 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

NOVEMBER 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 11 52	2♏ 4'52	10♊34	21♏55	3♎56	20°R51	28♐30	24♌23	9♐47	17°R38	4°R26	7°D 5	8♐37	18♍35	n.a.	T 1
F 2	2 15 49	3° 5'56	24° 5	22°15	5°11	20♉30	28°41	24°27	9°50	17♒38	4♈25	7♐ 6	8°34	18°42	n.a.	F 2
S 3	2 19 45	4° 7'00	7♋10	22°25	6°26	20° 9	28°52	24°31	9°53	17°38	4°24	7° 7	8°31	18°49	n.a.	S 3
S 4	2 23 42	5° 8'06	19°52	22°R26	7°41	19°47	29° 3	24°35	9°56	17°37	4°24	7° 9	8°27	18°55	n.a.	S 4
M 5	2 27 39	6° 9'12	2♌14	22°16	8°55	19°25	29°14	24°39	9°59	17°37	4°23	7°R10	8°24	19° 2	n.a.	M 5
T 6	2 31 35	7°10'20	14°22	21°55	10°10	19° 2	29°26	24°43	10° 2	17°D37	4°22	7°10	8°21	19° 9	n.a.	T 6
W 7	2 35 32	8°11'29	26°19	21°22	11°25	18°39	29°37	24°46	10° 5	17°37	4°21	7° 8	8°18	19°16	n.a.	W 7
T 8	2 39 28	9°12'39	8♍11	20°38	12°40	18°16	29°48	24°50	10° 9	17°37	4°20	7° 5	8°15	19°22	n.a.	T 8
F 9	2 43 25	10°13'50	20° 3	19°44	13°55	17°53	29°59	24°54	10°12	17°38	4°19	7° 1	8°11	19°29	n.a.	F 9
S 10	2 47 21	11°15'02	1♎56	18°39	15°10	17°29	0♑11	24°57	10°15	17°38	4°18	6°57	8° 8	19°36	n.a.	S 10
S 11	2 51 18	12°16'14	13°56	17°27	16°25	17° 5	0°23	25° 0	10°18	17°38	4°17	6°52	8° 5	19°42	n.a.	S 11
M12	2 55 14	13°17'28	26° 3	16° 8	17°40	16°42	0°35	25° 3	10°22	17°38	4°16	6°48	8° 2	19°49	n.a.	M12
T 13	2 59 11	14°18'42	8♏20	14°46	18°55	16°18	0°47	25° 7	10°25	17°38	4°15	6°45	7°59	19°56	n.a.	T 13
W14	3 3 8	15°19'57	20°48	13°23	20°10	15°54	0°59	25°10	10°28	17°39	4°15	6°43	7°56	20° 3	n.a.	W14
T 15	3 7 4	16°21'12	3♐28	12° 3	21°25	15°30	1°11	25°13	10°32	17°39	4°14	6°D42	7°52	20° 9	n.a.	T 15
F 16	3 11 1	17°22'28	16°19	10°47	22°40	15° 6	1°23	25°15	10°35	17°39	4°13	6°42	7°49	20°16	n.a.	F 16
S 17	3 14 57	18°23'44	29°23	9°38	23°55	14°43	1°35	25°18	10°38	17°40	4°12	6°43	7°46	20°23	n.a.	S 17
S 18	3 18 54	19°25'00	12♑39	8°38	25°11	14°20	1°48	25°21	10°42	17°40	4°11	6°45	7°43	20°29	n.a.	S 18
M19	3 22 50	20°26'16	26° 9	7°47	26°26	13°57	2° 0	25°23	10°45	17°40	4°11	6°46	7°40	20°36	n.a.	M19
T 20	3 26 47	21°27'33	9♒53	7° 7	27°41	13°34	2°12	25°26	10°48	17°41	4°10	6°47	7°36	20°43	n.a.	T 20
W21	3 30 44	22°28'49	23°51	6°38	28°56	13°12	2°25	25°28	10°52	17°41	4° 9	6°R47	7°33	20°50	n.a.	W21
T 22	3 34 40	23°30'05	8♓ 2	6°20	0♏11	12°50	2°37	25°30	10°55	17°42	4° 9	6°47	7°30	20°56	n.a.	T 22
F 23	3 38 37	24°31'21	22°24	6°D12	1°26	12°29	2°50	25°32	10°59	17°43	4° 8	6°46	7°27	21° 3	n.a.	F 23
S 24	3 42 33	25°32'37	6♈54	6°14	2°41	12° 8	3° 3	25°34	11° 2	17°43	4° 7	6°44	7°24	21°10	n.a.	S 24
S 25	3 46 30	26°33'53	21°27	6°24	3°56	11°48	3°16	25°36	11° 6	17°44	4° 7	6°43	7°21	21°17	n.a.	S 25
M26	3 50 26	27°35'08	5♉57	6°43	5°12	11°28	3°29	25°38	11° 9	17°45	4° 6	6°42	7°17	21°23	n.a.	M26
T 27	3 54 23	28°36'24	20°19	7° 9	6°27	11° 9	3°42	25°40	11°13	17°45	4° 5	6°41	7°14	21°30	n.a.	T 27
W28	3 58 19	29°37'39	4♊27	7°43	7°42	10°50	3°55	25°41	11°16	17°46	4° 5	6°D41	7°11	21°37	n.a.	W28
T 29	4 2 16	0♐38'55	18°17	8°22	8°57	10°32	4° 8	25°43	11°20	17°47	4° 4	6°41	7° 8	21°43	n.a.	T 29
F 30	4 6 13	1♐40'11	1♋46	9♏ 6	10♏12	10♉15	4♑21	25♌44	11♐23	17♒48	4♈ 4	6♐41	7♐ 5	21♍50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s22	22n 2	0s19	20s22	1s56	0s 1	1n43	19n 1	0n50	24s18	0s32	15n19	1n51	22s22	0s 8	16s54	1s12	13s23	16s36	21s47	22s 3	0s 5		n.a.
F 2	12 43	22 7	1 32	20 18	1 47	0 32	1 42	18 58	0 53	24 18	0 32	15 18	1 52	22 22	0 8	16 54	1 12	13 23	16 36	21 48	22 2	0 7		n.a.
S 3	13 4	20 58	2 37	20 10	1 35	1 2	1 42	18 55	0 55	24 18	0 32	15 17	1 52	22 22	0 8	16 54	1 12	13 24	16 35	21 48	22 2	0 10		n.a.
S 4	13 25	18 46	3 33	19 58	1 23	1 32	1 41	18 51	0 58	24 18	0 32	15 16	1 52	22 23	0 8	16 54	1 12	13 24	16 35	21 48	22 1	0 12		n.a.
M 5	13 45	15 46	4 17	19 41	1 8	2 3	1 41	18 48	1 1	24 18	0 32	15 15	1 52	22 23	0 8	16 54	1 12	13 24	16 35	21 48	22 1	0 15		n.a.
T 6	14 6	12 9	4 49	19 21	0 53	2 33	1 40	18 44	1 3	24 18	0 32	15 14	1 53	22 24	0 8	16 54	1 12	13 24	16 35	21 48	22 0	0 17		n.a.
W 7	14 26	8 6	5 8	18 55	0 36	3 4	1 39	18 40	1 6	24 18	0 32	15 13	1 53	22 24	0 8	16 54	1 12	13 24	16 35	21 48	21 59	0 20		n.a.
T 8	14 46	3 47	5 13	18 26	0 17	3 34	1 38	18 36	1 8	24 18	0 32	15 12	1 53	22 25	0 8	16 54	1 12	13 24	16 34	21 48	21 59	0 22		n.a.
F 9	15 5	0s40	5 5	17 52	0n 2	4 4	1 37	18 32	1 11	24 18	0 32	15 11	1 53	22 25	0 8	16 54	1 12	13 25	16 34	21 47	21 58	0 25		n.a.
S 10	15 25	5 7	4 44	17 15	0 23	4 34	1 36	18 27	1 13	24 18	0 32	15 10	1 54	22 26	0 8	16 54	1 12	13 25	16 34	21 46	21 58	0 27		n.a.
S 11	15 44	9 24	4 10	16 35	0 43	5 5	1 35	18 23	1 16	24 18	0 32	15 9	1 54	22 26	0 8	16 54	1 12	13 25	16 34	21 45	21 57	0 30		n.a.
M12	16 3	13 22	3 25	15 53	1 4	5 35	1 34	18 18	1 18	24 18	0 32	15 8	1 54	22 27	0 8	16 54	1 12	13 25	16 33	21 45	21 57	0 32		n.a.
T 13	16 21	16 50	2 30	15 10	1 23	6 4	1 33	18 14	1 21	24 18	0 32	15 7	1 54	22 27	0 8	16 54	1 12	13 25	16 33	21 44	21 56	0 35		n.a.
W14	16 39	19 35	1 26	14 28	1 42	6 34	1 32	18 9	1 23	24 18	0 33	15 6	1 55	22 28	0 8	16 53	1 12	13 25	16 33	21 44	21 56	0 37		n.a.
T 15	16 57	21 26	0 18	13 47	1 58	7 4	1 31	18 4	1 25	24 18	0 33	15 6	1 55	22 28	0 8	16 53	1 12	13 25	16 33	21 44	21 55	0 40		n.a.
F 16	17 15	22 11	0n53	13 9	2 13	7 33	1 29	17 59	1 28	24 18	0 33	15 5	1 55	22 29	0 8	16 53	1 11	13 25	16 32	21 44	21 55	0 42		n.a.
S 17	17 32	21 44	2 2	12 35	2 26	8 3	1 28	17 54	1 30	24 18	0 33	15 4	1 55	22 29	0 8	16 53	1 11	13 25	16 32	21 44	21 54	0 45		n.a.
S 18	17 49	20 4	3 6	12 6	2 37	8 32	1 26	17 49	1 32	24 18	0 33	15 4	1 56	22 30	0 8	16 53	1 11	13 26	16 32	21 44	21 54	0 47		n.a.
M19	18 6	17 16	4 0	11 42	2 45	9 1	1 25	17 44	1 34	24 18	0 33	15 3	1 56	22 30	0 8	16 53	1 11	13 26	16 32	21 44	21 53	0 50		n.a.
T 20	18 23	13 29	4 42	11 23	2 51	9 30	1 23	17 39	1 36	24 18	0 33	15 2	1 56	22 31	0 8	16 52	1 11	13 26	16 31	21 44	21 53	0 52		n.a.
W21	18 39	8 54	5 8	11 10	2 55	9 58	1 22	17 34	1 38	24 18	0 33	15 2	1 56	22 31	0 8	16 52	1 11	13 26	16 31	21 44	21 52	0 55		n.a.
T 22	18 54	3 47	5 16	11 2	2 57	10 27	1 20	17 30	1 40	24 17	0 33	15 1	1 57	22 32	0 8	16 52	1 11	13 26	16 31	21 44	21 52	0 57		n.a.
F 23	19 10	1n36	5 5	10 59	2 58	10 55	1 18	17 25	1 42	24 17	0 33	15 1	1 57	22 32	0 8	16 52	1 11	13 26	16 31	21 44	21 51	1 0		n.a.
S 24	19 25	6 57	4 34	11 0	2 57	11 23	1 16	17 20	1 44	24 17	0 33	15 0	1 57	22 33	0 8	16 52	1 11	13 26	16 30	21 44	21 51	1 2		n.a.
S 25	19 39	11 57	3 45	11 6	2 55	11 50	1 15	17 15	1 46	24 17	0 33	15 0	1 57	22 33	0 8	16 51	1 11	13 26	16 30	21 44	21 50	1 5		n.a.
M26	19 53	16 14	2 42	11 15	2 51	12 17	1 13	17 11	1 47	24 16	0 33	15 0	1 58	22 34	0 8	16 51	1 11	13 26	16 30	21 44	21 50	1 7		n.a.
T 27	20 7	19 30	1 30	11 28	2 47	12 44	1 11	17 6	1 49	24 16	0 33	14 59	1 58	22 34	0 8	16 51	1 11	13 26	16 29	21 43	21 49	1 10		n.a.
W28	20 21	21 32	0 12	11 43	2 42	13 11	1 9	17 2	1 51	24 16	0 33	14 59	1 58	22 35	0 8	16 51	1 11	13 26	16 29	21 43	21 48	1 12		n.a.
T 29	20 34	22 11	1s 4	12 2	2 36	13 37	1 7	16 57	1 52	24 15	0 33	14 59	1 58	22 35	0 8	16 50	1 11	13 26	16 29	21 43	21 48	1 14		n.a.
F 30	20s47	21n31	2s15	12s22	2n30	14s 3	1n 5	16n53	1n54	24s15	0s33	14n58	1n59	22s36	0s 8	16s50	1s11	13s25	16s28	21s43	21s47	1s17		n.a.

Julian Day Number = 1497463.5, Delta T = 05h09m39s
Ecliptic obliquity = 23°46'06, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'31, Lahiri = -12°25'30 Julian Calendar 1 Nov. 614 BCE == Greg. Calendar 25 Oct. 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 614 BCE
geocentric

DECEMBER 614 BCE (-613) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 10 9	2♐41'26	14♋53	9♏56	11♏28	9°R58	4♑34	25♌46	11♐27	17♒48	4°R 3	6♐42	7♐ 2	21♍57	n.a.	S 1
S 2	4 14 6	3°42'42	27°38	10°50	12°43	9♑42	4°47	25°47	11°30	17°49	4♈ 3	6°42	6°58	22° 4	n.a.	S 2
M 3	4 18 2	4°43'58	10♌ 5	11°47	13°58	9°27	5° 0	25°48	11°34	17°50	4° 2	6°42	6°55	22°10	n.a.	M 3
T 4	4 21 59	5°45'13	22°16	12°48	15°13	9°13	5°14	25°49	11°38	17°51	4° 2	6°43	6°52	22°17	n.a.	T 4
W 5	4 25 55	6°46'29	4♍17	13°52	16°28	8°59	5°27	25°50	11°41	17°52	4° 1	6°43	6°49	22°24	n.a.	W 5
T 6	4 29 52	7°47'44	16°10	14°59	17°44	8°46	5°41	25°50	11°45	17°53	4° 1	6°43	6°46	22°30	n.a.	T 6
F 7	4 33 48	8°48'59	28° 2	16° 8	18°59	8°34	5°54	25°51	11°48	17°54	4° 0	6°43	6°42	22°37	n.a.	F 7
S 8	4 37 45	9°50'15	9♎57	17°19	20°14	8°23	6° 8	25°52	11°52	17°55	4° 0	6°43	6°39	22°44	n.a.	S 8
S 9	4 41 42	10°51'29	21°58	18°32	21°29	8°12	6°21	25°52	11°55	17°56	4° 0	6°43	6°36	22°51	n.a.	S 9
M10	4 45 38	11°52'44	4♏11	19°47	22°44	8° 2	6°35	25°52	11°59	17°58	3°59	6°44	6°33	22°57	n.a.	M10
T 11	4 49 35	12°53'58	16°37	21° 3	24° 0	7°53	6°49	25°53	12° 3	17°59	3°59	6°45	6°30	23° 4	n.a.	T 11
W12	4 53 31	13°55'12	29°19	22°21	25°15	7°45	7° 2	25°R53	12° 6	18° 0	3°59	6°45	6°27	23°11	n.a.	W12
T 13	4 57 28	14°56'26	12♐17	23°41	26°30	7°38	7°16	25°53	12°10	18° 1	3°58	6°R45	6°23	23°17	n.a.	T 13
F 14	5 1 24	15°57'39	25°32	25° 1	27°45	7°32	7°30	25°53	12°13	18° 2	3°58	6°44	6°20	23°24	n.a.	F 14
S 15	5 5 21	16°58'51	9♑ 3	26°23	29° 0	7°26	7°44	25°52	12°17	18° 4	3°58	6°44	6°17	23°31	n.a.	S 15
S 16	5 9 18	18° 0'02	22°46	27°45	0♐16	7°21	7°58	25°52	12°20	18° 5	3°58	6°42	6°14	23°38	n.a.	S 16
M17	5 13 14	19° 1'12	6♒40	29° 9	1°31	7°17	8°12	25°52	12°24	18° 6	3°57	6°41	6°11	23°44	n.a.	M17
T 18	5 17 11	20° 2'22	20°43	0♐33	2°46	7°14	8°26	25°51	12°28	18° 8	3°57	6°39	6° 8	23°51	n.a.	T 18
W19	5 21 7	21° 3'30	4♓50	1°59	4° 1	7°12	8°40	25°50	12°31	18° 9	3°57	6°38	6° 4	23°58	n.a.	W19
T 20	5 25 4	22° 4'37	19° 1	3°25	5°16	7°10	8°54	25°50	12°35	18°11	3°57	6°D37	6° 1	24° 5	n.a.	T 20
F 21	5 29 0	23° 5'42	3♈11	4°52	6°31	7°10	9° 8	25°49	12°38	18°12	3°57	6°37	5°58	24°11	n.a.	F 21
S 22	5 32 57	24° 6'46	17°21	6°19	7°46	7°D10	9°22	25°48	12°42	18°14	3°57	6°38	5°55	24°18	n.a.	S 22
S 23	5 36 53	25° 7'50	1♉27	7°48	9° 2	7°10	9°36	25°47	12°45	18°15	3°57	6°40	5°52	24°25	n.a.	S 23
M24	5 40 50	26° 8'51	15°27	9°17	10°17	7°12	9°50	25°46	12°49	18°17	3°57	6°41	5°48	24°31	n.a.	M24
T 25	5 44 47	27° 9'52	29°19	10°47	11°32	7°14	10° 4	25°44	12°52	18°18	3°D57	6°42	5°45	24°38	n.a.	T 25
W26	5 48 43	28°10'51	13♊ 0	12°17	12°47	7°17	10°18	25°43	12°56	18°20	3°57	6°R42	5°42	24°45	n.a.	W26
T 27	5 52 40	29°11'50	26°29	13°49	14° 2	7°21	10°33	25°41	12°59	18°21	3°57	6°41	5°39	24°52	n.a.	T 27
F 28	5 56 36	0♑12'47	9♋43	15°21	15°17	7°25	10°47	25°40	13° 3	18°23	3°57	6°38	5°36	24°58	n.a.	F 28
S 29	6 0 33	1°13'43	22°42	16°53	16°32	7°30	11° 1	25°38	13° 6	18°25	3°57	6°35	5°33	25° 5	n.a.	S 29
S 30	6 4 29	2°14'37	5♌23	18°27	17°47	7°36	11°15	25°36	13°10	18°26	3°57	6°31	5°29	25°12	n.a.	S 30
M31	6 8 26	3♑15'31	17♌49	20♐ 1	19♐ 2	7♑42	11♑30	25♌34	13♐13	18♒28	3♈57	6♐26	5♐26	25♍18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s59	19n40	3s16	12s44	2n23	14s29	1n 3	16n49	1n55	24s15	0s33	14n58	1n59	22s36	0s 8	16s50	1s11	13s25	16s28	21s44	21s47	1s19		n.a.
S 2	21 11	16 53	4 7	13 8	2 16	14 54	1 0	16 45	1 56	24 14	0 33	14 58	1 59	22 37	0 8	16 50	1 11	13 25	16 28	21 44	21 46	1 22		n.a.
M 3	21 23	13 24	4 44	13 33	2 8	15 19	0 58	16 42	1 58	24 14	0 33	14 58	2 0	22 37	0 8	16 49	1 11	13 25	16 28	21 44	21 46	1 24		n.a.
T 4	21 34	9 26	5 7	13 59	2 0	15 44	0 56	16 38	1 59	24 13	0 34	14 58	2 0	22 38	0 8	16 49	1 11	13 25	16 27	21 44	21 45	1 27		n.a.
W 5	21 44	5 9	5 17	14 26	1 53	16 8	0 54	16 35	2 0	24 13	0 34	14 58	2 0	22 38	0 8	16 49	1 11	13 25	16 27	21 44	21 45	1 29		n.a.
T 6	21 55	0 44	5 13	14 53	1 44	16 32	0 52	16 31	2 1	24 12	0 34	14 58	2 0	22 39	0 8	16 48	1 11	13 25	16 27	21 44	21 44	1 32		n.a.
F 7	22 4	3s43	4 56	15 21	1 36	16 55	0 49	16 28	2 2	24 12	0 34	14 58	2 1	22 39	0 8	16 48	1 11	13 25	16 26	21 44	21 44	1 34		n.a.
S 8	22 14	8 3	4 26	15 50	1 28	17 18	0 47	16 26	2 3	24 11	0 34	14 58	2 1	22 40	0 8	16 48	1 11	13 25	16 26	21 44	21 43	1 37		n.a.
S 9	22 23	12 7	3 44	16 18	1 20	17 40	0 45	16 23	2 4	24 11	0 34	14 58	2 1	22 40	0 9	16 47	1 11	13 24	16 26	21 44	21 43	1 39		n.a.
M10	22 31	15 46	2 51	16 47	1 12	18 2	0 42	16 21	2 5	24 10	0 34	14 58	2 1	22 41	0 9	16 47	1 11	13 24	16 25	21 44	21 42	1 41		n.a.
T 11	22 39	18 47	1 49	17 15	1 3	18 23	0 40	16 19	2 6	24 9	0 34	14 58	2 2	22 41	0 9	16 46	1 11	13 24	16 25	21 44	21 41	1 44		n.a.
W12	22 47	20 57	0 41	17 43	0 55	18 44	0 37	16 17	2 6	24 9	0 34	14 59	2 2	22 42	0 9	16 46	1 11	13 24	16 25	21 44	21 41	1 46		n.a.
T 13	22 54	22 4	0n31	18 12	0 47	19 4	0 35	16 15	2 7	24 8	0 34	14 59	2 2	22 42	0 9	16 46	1 11	13 24	16 24	21 44	21 40	1 49		n.a.
F 14	23 1	21 59	1 42	18 39	0 39	19 24	0 33	16 13	2 8	24 7	0 34	14 59	2 3	22 43	0 9	16 45	1 11	13 24	16 24	21 44	21 40	1 51		n.a.
S 15	23 7	20 38	2 50	19 7	0 31	19 43	0 30	16 12	2 9	24 6	0 34	14 59	2 3	22 43	0 9	16 45	1 11	13 23	16 24	21 44	21 39	1 54		n.a.
S 16	23 13	18 4	3 48	19 34	0 23	20 2	0 28	16 11	2 9	24 6	0 34	15 0	2 3	22 44	0 9	16 44	1 11	13 23	16 23	21 44	21 39	1 56		n.a.
M17	23 18	14 26	4 34	20 0	0 15	20 20	0 25	16 10	2 10	24 5	0 34	15 0	2 3	22 44	0 9	16 44	1 11	13 23	16 23	21 43	21 38	1 59		n.a.
T 18	23 23	9 59	5 4	20 26	0 7	20 38	0 23	16 10	2 10	24 4	0 34	15 1	2 4	22 45	0 9	16 43	1 11	13 23	16 22	21 43	21 38	2 1		n.a.
W19	23 28	4 58	5 16	20 51	0s 0	20 55	0 20	16 9	2 11	24 3	0 34	15 1	2 4	22 45	0 9	16 43	1 11	13 22	16 22	21 43	21 37	2 3		n.a.
T 20	23 32	0n19	5 9	21 15	0 8	21 11	0 18	16 9	2 11	24 2	0 35	15 2	2 4	22 45	0 9	16 42	1 11	13 22	16 22	21 43	21 36	2 6		n.a.
F 21	23 35	5 36	4 43	21 39	0 15	21 27	0 15	16 9	2 11	24 1	0 35	15 2	2 4	22 46	0 9	16 42	1 11	13 22	16 21	21 43	21 36	2 8		n.a.
S 22	23 38	10 35	4 0	22 2	0 22	21 42	0 13	16 10	2 12	24 1	0 35	15 3	2 5	22 46	0 9	16 41	1 10	13 21	16 21	21 43	21 35	2 11		n.a.
S 23	23 41	14 59	3 3	22 23	0 29	21 56	0 10	16 10	2 12	24 0	0 35	15 3	2 5	22 47	0 9	16 41	1 10	13 21	16 21	21 43	21 35	2 13		n.a.
M24	23 43	18 31	1 55	22 44	0 36	22 10	0 8	16 11	2 12	23 59	0 35	15 4	2 5	22 47	0 9	16 40	1 10	13 21	16 20	21 43	21 34	2 16		n.a.
T 25	23 44	20 56	0 41	23 4	0 43	22 23	0 5	16 12	2 13	23 58	0 35	15 5	2 5	22 48	0 9	16 40	1 10	13 21	16 20	21 44	21 34	2 18		n.a.
W26	23 45	22 6	0s35	23 23	0 49	22 36	0 3	16 13	2 13	23 57	0 35	15 5	2 6	22 48	0 9	16 39	1 10	13 20	16 20	21 44	21 33	2 20		n.a.
T 27	23 46	21 56	1 47	23 41	0 55	22 48	0 0	16 15	2 13	23 56	0 35	15 6	2 6	22 49	0 9	16 39	1 10	13 20	16 19	21 43	21 33	2 23		n.a.
F 28	23 46	20 33	2 52	23 58	1 1	22 59	0s 2	16 16	2 13	23 54	0 35	15 7	2 6	22 49	0 9	16 38	1 10	13 20	16 19	21 43	21 32	2 25		n.a.
S 29	23 46	18 6	3 46	24 13	1 7	23 9	0 5	16 18	2 13	23 53	0 35	15 8	2 7	22 50	0 9	16 38	1 10	13 19	16 19	21 42	21 31	2 28		n.a.
S 30	23 45	14 51	4 28	24 28	1 13	23 19	0 7	16 20	2 14	23 52	0 35	15 9	2 7	22 50	0 9	16 37	1 10	13 19	16 18	21 42	21 31	2 30		n.a.
M31	23s44	10n59	4s57	24s41	1s18	23s28	0s10	16n22	2n14	23s51	0s35	15n10	2n 7	22s51	0s 9	16s37	1s10	13s18	16s18	21s41	21s30	2s33		n.a.

Julian Day Number = 1497493.5, Delta T = 05h09m37s
Ecliptic obliquity = 23°46'05, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'27, Lahiri = -12°25'26 Julian Calendar 1 Dec. 614 BCE == Greg. Calendar 24 Nov. 614 BCE

The year -613 astronomical counting style corresponds to year 614 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

JANUARY 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 12 23	4♑16'23	0♍ 2	21♐36	20♐17	7♉49	11♑44	25°R33	13♐16	18♒30	3♈57	6°R22	5♐23	25♍25	n.a.	T 1
W 2	6 16 19	5°17'15	12° 3	23°11	21°32	7°57	11°58	25♌30	13°20	18°32	3°57	6♐18	5°20	25°32	n.a.	W 2
T 3	6 20 16	6°18'05	23°57	24°47	22°47	8° 5	12°12	25°28	13°23	18°33	3°57	6°16	5°17	25°39	n.a.	T 3
F 4	6 24 12	7°18'54	5♎49	26°25	24° 2	8°14	12°27	25°26	13°27	18°35	3°58	6°D15	5°14	25°45	n.a.	F 4
S 5	6 28 9	8°19'42	17°43	28° 2	25°18	8°24	12°41	25°24	13°30	18°37	3°58	6°16	5°10	25°52	n.a.	S 5
S 6	6 32 5	9°20'29	29°44	29°41	26°33	8°34	12°55	25°21	13°33	18°39	3°58	6°17	5° 7	25°59	n.a.	S 6
M 7	6 36 2	10°21'14	11♏57	1♑20	27°48	8°45	13°10	25°19	13°37	18°41	3°58	6°19	5° 4	26° 5	n.a.	M 7
T 8	6 39 58	11°21'58	24°26	3° 0	29° 3	8°56	13°24	25°16	13°40	18°43	3°59	6°20	5° 1	26°12	n.a.	T 8
W 9	6 43 55	12°22'42	7♐15	4°41	0♑18	9° 8	13°38	25°13	13°43	18°44	3°59	6°R21	4°58	26°19	n.a.	W 9
T 10	6 47 52	13°23'23	20°27	6°23	1°33	9°20	13°53	25°10	13°46	18°46	3°59	6°20	4°54	26°26	n.a.	T 10
F 11	6 51 48	14°24'03	4♑ 1	8° 6	2°48	9°33	14° 7	25° 8	13°50	18°48	4° 0	6°17	4°51	26°32	n.a.	F 11
S 12	6 55 45	15°24'42	17°56	9°49	4° 3	9°47	14°22	25° 5	13°53	18°50	4° 0	6°13	4°48	26°39	n.a.	S 12
S 13	6 59 41	16°25'19	2♒ 8	11°34	5°17	10° 1	14°36	25° 1	13°56	18°52	4° 0	6° 7	4°45	26°46	n.a.	S 13
M14	7 3 38	17°25'54	16°33	13°19	6°32	10°15	14°50	24°58	13°59	18°54	4° 1	6° 0	4°42	26°52	n.a.	M14
T 15	7 7 34	18°26'27	1♓ 3	15° 5	7°47	10°30	15° 5	24°55	14° 2	18°56	4° 1	5°53	4°39	26°59	n.a.	T 15
W16	7 11 31	19°26'59	15°33	16°52	9° 2	10°46	15°19	24°52	14° 5	18°58	4° 2	5°48	4°35	27° 6	n.a.	W16
T 17	7 15 27	20°27'28	29°57	18°40	10°17	11° 1	15°33	24°48	14° 8	19° 0	4° 2	5°44	4°32	27°13	n.a.	T 17
F 18	7 19 24	21°27'55	14♈12	20°29	11°32	11°18	15°48	24°45	14°11	19° 2	4° 3	5°42	4°29	27°19	n.a.	F 18
S 19	7 23 21	22°28'20	28°15	22°19	12°47	11°35	16° 2	24°41	14°14	19° 4	4° 3	5°D42	4°26	27°26	n.a.	S 19
S 20	7 27 17	23°28'43	12♉ 6	24° 9	14° 2	11°52	16°16	24°38	14°17	19° 6	4° 4	5°43	4°23	27°33	n.a.	S 20
M21	7 31 14	24°29'04	25°44	26° 1	15°17	12°10	16°31	24°34	14°20	19° 9	4° 4	5°44	4°20	27°39	n.a.	M21
T 22	7 35 10	25°29'23	9♊11	27°53	16°31	12°28	16°45	24°30	14°23	19°11	4° 5	5°R44	4°16	27°46	n.a.	T 22
W23	7 39 7	26°29'40	22°26	29°46	17°46	12°46	16°59	24°27	14°26	19°13	4° 6	5°43	4°13	27°53	n.a.	W23
T 24	7 43 3	27°29'55	5♋31	1♒39	19° 1	13° 5	17°13	24°23	14°29	19°15	4° 6	5°39	4°10	28° 0	n.a.	T 24
F 25	7 47 0	28°30'07	18°24	3°33	20°16	13°24	17°28	24°19	14°32	19°17	4° 7	5°33	4° 7	28° 6	n.a.	F 25
S 26	7 50 56	29°30'18	1♌ 5	5°28	21°31	13°44	17°42	24°15	14°35	19°19	4° 8	5°24	4° 4	28°13	n.a.	S 26
S 27	7 54 53	0♒30'27	13°35	7°23	22°45	14° 4	17°56	24°11	14°37	19°21	4° 8	5°14	4° 0	28°20	n.a.	S 27
M28	7 58 50	1°30'33	25°54	9°18	24° 0	14°24	18°10	24° 7	14°40	19°24	4° 9	5° 3	3°57	28°26	n.a.	M28
T 29	8 2 46	2°30'38	8♍ 2	11°13	25°15	14°45	18°24	24° 3	14°43	19°26	4°10	4°53	3°54	28°33	n.a.	T 29
W30	8 6 43	3°30'41	20° 2	13° 7	26°30	15° 6	18°38	23°58	14°45	19°28	4°10	4°43	3°51	28°40	n.a.	W30
T 31	8 10 39	4♒30'42	1♎55	15♒ 1	27♑44	15♉27	18♑52	23♌54	14♐48	19♒30	4♈11	4♐36	3♐48	28♍47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23s42	6n46	5s11	24s53	1s23	23s37	0s12	16n25	2n14	23s50	0s35	15n10	2n 7	22s51	0s 9	16s36	1s10	13s18	16s18	21s40	21s30	2s35			n.a.
W 2	23 40	2 21	5 12	25 3	1 28	23 44	0 15	16 27	2 14	23 49	0 36	15 11	2 8	22 51	0 9	16 36	1 10	13 18	16 17	21 39	21 29	2 37			n.a.
T 3	23 37	2s 7	4 58	25 12	1 32	23 51	0 17	16 30	2 14	23 47	0 36	15 12	2 8	22 52	0 9	16 35	1 10	13 17	16 17	21 39	21 29	2 40			n.a.
F 4	23 34	6 30	4 33	25 20	1 37	23 57	0 19	16 33	2 14	23 46	0 36	15 13	2 8	22 52	0 9	16 34	1 10	13 17	16 16	21 39	21 28	2 42			n.a.
S 5	23 30	10 39	3 55	25 26	1 41	24 3	0 22	16 36	2 14	23 45	0 36	15 14	2 8	22 53	0 9	16 34	1 10	13 16	16 16	21 39	21 27	2 45			n.a.
S 6	23 26	14 26	3 7	25 30	1 44	24 7	0 24	16 40	2 14	23 44	0 36	15 16	2 8	22 53	0 9	16 33	1 10	13 16	16 16	21 39	21 27	2 47			n.a.
M 7	23 21	17 41	2 9	25 33	1 48	24 11	0 26	16 43	2 14	23 42	0 36	15 17	2 9	22 54	0 9	16 33	1 10	13 16	16 15	21 40	21 26	2 49			n.a.
T 8	23 16	20 11	1 5	25 34	1 51	24 14	0 29	16 47	2 14	23 41	0 36	15 18	2 9	22 54	0 9	16 32	1 10	13 15	16 15	21 40	21 26	2 52			n.a.
W 9	23 11	21 44	0n 5	25 34	1 53	24 17	0 31	16 50	2 14	23 39	0 36	15 19	2 9	22 54	0 9	16 31	1 10	13 15	16 15	21 40	21 25	2 54			n.a.
T 10	23 5	22 9	1 16	25 32	1 55	24 19	0 33	16 54	2 13	23 38	0 36	15 20	2 9	22 55	0 9	16 31	1 10	13 14	16 14	21 40	21 24	2 57			n.a.
F 11	22 59	21 18	2 25	25 28	1 57	24 20	0 35	16 58	2 13	23 37	0 36	15 21	2 10	22 55	0 9	16 30	1 10	13 14	16 14	21 39	21 24	2 59			n.a.
S 12	22 52	19 8	3 27	25 23	1 59	24 20	0 37	17 3	2 13	23 35	0 36	15 23	2 10	22 56	0 9	16 30	1 10	13 13	16 14	21 38	21 23	3 1			n.a.
S 13	22 45	15 47	4 17	25 15	2 0	24 19	0 40	17 7	2 13	23 34	0 37	15 24	2 10	22 56	0 9	16 29	1 10	13 13	16 13	21 37	21 23	3 4			n.a.
M14	22 37	11 28	4 52	25 6	2 1	24 18	0 42	17 12	2 13	23 32	0 37	15 25	2 10	22 56	0 9	16 28	1 10	13 12	16 13	21 36	21 22	3 6			n.a.
T 15	22 29	6 27	5 8	24 54	2 1	24 16	0 44	17 16	2 13	23 31	0 37	15 26	2 11	22 57	0 9	16 28	1 10	13 12	16 13	21 35	21 22	3 9			n.a.
W16	22 20	1 6	5 5	24 41	2 1	24 13	0 46	17 21	2 13	23 29	0 37	15 28	2 11	22 57	0 9	16 27	1 10	13 11	16 12	21 34	21 21	3 11			n.a.
T 17	22 11	4n17	4 42	24 26	2 0	24 9	0 48	17 26	2 12	23 28	0 37	15 29	2 11	22 58	0 9	16 26	1 10	13 11	16 12	21 33	21 20	3 13			n.a.
F 18	22 2	9 23	4 2	24 9	1 59	24 5	0 50	17 31	2 12	23 26	0 37	15 30	2 11	22 58	0 9	16 26	1 10	13 10	16 12	21 33	21 20	3 16			n.a.
S 19	21 52	13 55	3 8	23 50	1 58	24 0	0 52	17 36	2 12	23 24	0 37	15 32	2 11	22 58	0 9	16 25	1 10	13 10	16 11	21 33	21 19	3 18			n.a.
S 20	21 42	17 38	2 4	23 28	1 56	23 54	0 53	17 41	2 12	23 23	0 37	15 33	2 12	22 59	0 9	16 24	1 10	13 9	16 11	21 33	21 19	3 21			n.a.
M21	21 31	20 20	0 54	23 5	1 53	23 48	0 55	17 47	2 12	23 21	0 37	15 35	2 12	22 59	0 9	16 24	1 10	13 9	16 11	21 33	21 18	3 23			n.a.
T 22	21 20	21 50	0s19	22 40	1 50	23 40	0 57	17 52	2 11	23 19	0 38	15 36	2 12	22 59	0 9	16 23	1 10	13 8	16 10	21 33	21 17	3 25			n.a.
W23	21 9	22 4	1 29	22 12	1 46	23 32	0 59	17 58	2 11	23 18	0 38	15 38	2 12	23 0	0 9	16 22	1 10	13 8	16 10	21 33	21 17	3 28			n.a.
T 24	20 57	21 6	2 33	21 43	1 41	23 24	1 0	18 3	2 11	23 16	0 38	15 39	2 12	23 0	0 9	16 22	1 10	13 7	16 10	21 33	21 16	3 30			n.a.
F 25	20 45	19 3	3 28	21 11	1 36	23 14	1 2	18 9	2 11	23 14	0 38	15 41	2 12	23 0	0 9	16 21	1 10	13 7	16 9	21 31	21 16	3 32			n.a.
S 26	20 32	16 5	4 12	20 38	1 31	23 4	1 4	18 15	2 10	23 12	0 38	15 42	2 13	23 1	0 9	16 20	1 10	13 6	16 9	21 30	21 15	3 35			n.a.
S 27	20 19	12 27	4 43	20 2	1 24	22 53	1 5	18 21	2 10	23 11	0 38	15 44	2 13	23 1	0 9	16 20	1 10	13 6	16 9	21 28	21 14	3 37			n.a.
M28	20 6	8 21	5 1	19 25	1 17	22 42	1 7	18 27	2 10	23 9	0 38	15 45	2 13	23 1	0 9	16 19	1 10	13 5	16 8	21 26	21 14	3 40			n.a.
T 29	19 52	3 58	5 4	18 46	1 10	22 30	1 8	18 33	2 10	23 7	0 38	15 47	2 13	23 2	0 9	16 18	1 10	13 4	16 8	21 24	21 13	3 42			n.a.
W30	19 38	0s30	4 54	18 5	1 1	22 17	1 10	18 39	2 9	23 5	0 38	15 48	2 13	23 2	0 9	16 17	1 10	13 4	16 8	21 22	21 13	3 44			n.a.
T 31	19s24	4s54	4s31	17s23	0s53	22s 3	1s11	18n45	2n 9	23s 3	0s39	15n50	2n13	23s 2	0s 9	16s17	1s10	13s 3	16s 7	21s21	21s12	3s47			n.a.

Julian Day Number = 1497524.5, Delta T = 05h09m36s
Ecliptic obliquity = 23°46'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'22, Lahiri = -12°25'22 Julian Calendar 1 Jan. 613 BCE == Greg. Calendar 25 Dec. 614 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

FEBRUARY 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 14 36	5♒30'42	13♎45	16♒55	28♑59	15♉49	19♑ 7	23°R50	14♐51	19♒32	4♈12	4°R31	3♐45	28♍53	n.a.	F 1
S 2	8 18 32	6°30'39	25°38	18°46	0♒14	16°11	19°21	23♌46	14°53	19°35	4°13	4♐28	3°41	29° 0	n.a.	S 2
S 3	8 22 29	7°30'35	7♏36	20°37	1°29	16°33	19°35	23°41	14°56	19°37	4°13	4°D28	3°38	29° 7	n.a.	S 3
M 4	8 26 25	8°30'29	19°46	22°25	2°43	16°56	19°49	23°37	14°58	19°39	4°14	4°28	3°35	29°13	n.a.	M 4
T 5	8 30 22	9°30'21	2♐14	24°11	3°58	17°19	20° 3	23°32	15° 1	19°41	4°15	4°R28	3°32	29°20	n.a.	T 5
W 6	8 34 18	10°30'12	15° 3	25°54	5°13	17°42	20°17	23°28	15° 3	19°44	4°16	4°28	3°29	29°27	n.a.	W 6
T 7	8 38 15	11°30'01	28°17	27°34	6°27	18° 5	20°30	23°23	15° 5	19°46	4°17	4°26	3°26	29°34	n.a.	T 7
F 8	8 42 12	12°29'47	11♑59	29° 9	7°42	18°29	20°44	23°19	15° 8	19°48	4°18	4°21	3°22	29°40	n.a.	F 8
S 9	8 46 8	13°29'32	26° 9	0♓40	8°57	18°53	20°58	23°14	15°10	19°50	4°19	4°13	3°19	29°47	n.a.	S 9
S 10	8 50 5	14°29'15	10♒41	2° 6	10°11	19°18	21°12	23°10	15°12	19°53	4°20	4° 4	3°16	29°54	n.a.	S 10
M11	8 54 1	15°28'56	25°30	3°27	11°26	19°42	21°26	23° 5	15°14	19°55	4°21	3°53	3°13	0♎ 0	n.a.	M11
T 12	8 57 58	16°28'34	10♓28	4°42	12°40	20° 7	21°39	23° 0	15°17	19°57	4°22	3°42	3°10	0° 7	n.a.	T 12
W13	9 1 54	17°28'10	25°23	5°50	13°55	20°32	21°53	22°56	15°19	19°59	4°23	3°32	3° 6	0°14	n.a.	W13
T 14	9 5 51	18°27'43	10♈10	6°52	15° 9	20°57	22° 7	22°51	15°21	20° 2	4°23	3°25	3° 3	0°20	n.a.	T 14
F 15	9 9 47	19°27'15	24°40	7°46	16°24	21°23	22°20	22°47	15°23	20° 4	4°24	3°21	3° 0	0°27	n.a.	F 15
S 16	9 13 44	20°26'44	8♉50	8°34	17°39	21°49	22°34	22°42	15°25	20° 6	4°26	3°19	2°57	0°34	n.a.	S 16
S 17	9 17 41	21°26'10	22°40	9°14	18°53	22°15	22°47	22°37	15°27	20° 8	4°27	3°D19	2°54	0°41	n.a.	S 17
M18	9 21 37	22°25'34	6♊11	9°46	20° 8	22°41	23° 1	22°33	15°29	20°11	4°28	3°R19	2°51	0°47	n.a.	M18
T 19	9 25 34	23°24'56	19°24	10°10	21°22	23° 7	23°14	22°28	15°31	20°13	4°29	3°18	2°47	0°54	n.a.	T 19
W20	9 29 30	24°24'15	2♋22	10°26	22°36	23°34	23°27	22°23	15°32	20°15	4°30	3°15	2°44	1° 1	n.a.	W20
T 21	9 33 27	25°23'31	15° 7	10°35	23°51	24° 1	23°41	22°18	15°34	20°18	4°31	3°10	2°41	1° 7	n.a.	T 21
F 22	9 37 23	26°22'46	27°41	10°R35	25° 5	24°28	23°54	22°14	15°36	20°20	4°32	3° 1	2°38	1°14	n.a.	F 22
S 23	9 41 20	27°21'58	10♌ 6	10°29	26°20	24°55	24° 7	22° 9	15°37	20°22	4°33	2°50	2°35	1°21	n.a.	S 23
S 24	9 45 16	28°21'07	22°22	10°15	27°34	25°22	24°20	22° 5	15°39	20°24	4°34	2°37	2°31	1°28	n.a.	S 24
M25	9 49 13	29°20'15	4♍30	9°54	28°48	25°50	24°33	22° 0	15°41	20°27	4°35	2°22	2°28	1°34	n.a.	M25
T 26	9 53 9	0♓19'20	16°31	9°28	0♓ 3	26°18	24°46	21°55	15°42	20°29	4°36	2° 8	2°25	1°41	n.a.	T 26
W27	9 57 6	1°18'23	28°26	8°56	1°17	26°46	24°59	21°51	15°44	20°31	4°38	1°56	2°22	1°48	n.a.	W27
T 28	10 1 3	2°17'25	10♎18	8°18	2°32	27°14	25°12	21°46	15°45	20°33	4°39	1°45	2°19	1°54	n.a.	T 28
F 29	10 4 59	3♓16'24	22♎ 7	7♓37	3♓46	27♉42	25♑25	21♌42	15♐47	20♒36	4♈40	1♐38	2♐16	2♎ 1	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 9	9s 7	3s57	16s40	0s43	21s49	1s12	18n51	2n 9	23s 1	0s39	15n51	2n14	23s 3	0s 9	16s16	1s10	13s 3	16s 7	21s20	21s11	3s49		n.a.
S 2	18 54	13 0	3 12	15 55	0 33	21 34	1 13	18 57	2 8	22 59	0 39	15 53	2 14	23 3	0 9	16 15	1 10	13 2	16 7	21 20	21 11	3 51		n.a.
S 3	18 39	16 25	2 18	15 10	0 22	21 19	1 14	19 3	2 8	22 58	0 39	15 55	2 14	23 3	0 9	16 15	1 10	13 2	16 6	21 19	21 10	3 54		n.a.
M 4	18 23	19 10	1 18	14 23	0 10	21 3	1 16	19 10	2 8	22 56	0 39	15 56	2 14	23 4	0 9	16 14	1 10	13 1	16 6	21 20	21 10	3 56		n.a.
T 5	18 7	21 5	0 12	13 37	0n 2	20 46	1 17	19 16	2 7	22 54	0 39	15 58	2 14	23 4	0 9	16 13	1 10	13 0	16 6	21 20	21 9	3 58		n.a.
W 6	17 51	21 59	0n56	12 50	0 14	20 29	1 18	19 22	2 7	22 52	0 39	15 59	2 14	23 4	0 9	16 12	1 10	13 0	16 6	21 20	21 8	4 1		n.a.
T 7	17 34	21 42	2 3	12 3	0 27	20 11	1 19	19 29	2 7	22 50	0 39	16 1	2 14	23 4	0 9	16 12	1 10	12 59	16 5	21 19	21 8	4 3		n.a.
F 8	17 17	20 8	3 5	11 18	0 41	19 52	1 19	19 35	2 6	22 48	0 40	16 3	2 15	23 5	0 9	16 11	1 10	12 59	16 5	21 18	21 7	4 5		n.a.
S 9	17 0	17 19	3 58	10 33	0 54	19 33	1 20	19 42	2 6	22 46	0 40	16 4	2 15	23 5	0 9	16 10	1 10	12 58	16 5	21 17	21 6	4 8		n.a.
S 10	16 43	13 21	4 37	9 49	1 8	19 14	1 21	19 48	2 6	22 44	0 40	16 6	2 15	23 5	0 9	16 10	1 10	12 57	16 4	21 15	21 6	4 10		n.a.
M11	16 25	8 31	4 58	9 7	1 22	18 54	1 22	19 55	2 5	22 42	0 40	16 8	2 15	23 6	0 9	16 9	1 10	12 57	16 4	21 13	21 5	4 12		n.a.
T 12	16 7	3 8	5 0	8 26	1 36	18 33	1 22	20 1	2 5	22 40	0 40	16 9	2 15	23 6	0 9	16 8	1 10	12 56	16 4	21 11	21 5	4 15		n.a.
W13	15 49	2n25	4 40	7 48	1 49	18 12	1 23	20 8	2 5	22 37	0 40	16 11	2 15	23 6	0 9	16 7	1 10	12 55	16 4	21 9	21 4	4 17		n.a.
T 14	15 30	7 47	4 2	7 13	2 3	17 50	1 23	20 14	2 4	22 35	0 40	16 13	2 15	23 6	0 9	16 7	1 10	12 55	16 3	21 8	21 3	4 19		n.a.
F 15	15 11	12 37	3 9	6 40	2 16	17 28	1 24	20 21	2 4	22 33	0 41	16 14	2 15	23 7	0 9	16 6	1 10	12 54	16 3	21 7	21 3	4 22		n.a.
S 16	14 52	16 37	2 6	6 11	2 28	17 5	1 24	20 27	2 4	22 31	0 41	16 16	2 15	23 7	0 9	16 5	1 10	12 54	16 3	21 6	21 2	4 24		n.a.
S 17	14 33	19 36	0 56	5 45	2 40	16 42	1 25	20 34	2 3	22 29	0 41	16 17	2 15	23 7	0 9	16 5	1 10	12 53	16 3	21 6	21 1	4 26		n.a.
M18	14 14	21 23	0s15	5 22	2 51	16 19	1 25	20 40	2 3	22 27	0 41	16 19	2 15	23 7	0 9	16 4	1 10	12 52	16 2	21 6	21 1	4 29		n.a.
T 19	13 54	21 56	1 24	5 4	3 2	15 55	1 25	20 47	2 3	22 25	0 41	16 21	2 15	23 7	0 9	16 3	1 10	12 52	16 2	21 6	21 0	4 31		n.a.
W20	13 34	21 18	2 27	4 49	3 11	15 30	1 25	20 54	2 2	22 23	0 41	16 22	2 16	23 8	0 9	16 2	1 10	12 51	16 2	21 6	21 0	4 33		n.a.
T 21	13 14	19 34	3 22	4 38	3 19	15 5	1 25	21 0	2 2	22 20	0 41	16 24	2 16	23 8	0 9	16 2	1 10	12 50	16 2	21 5	20 59	4 36		n.a.
F 22	12 54	16 54	4 5	4 31	3 26	14 40	1 25	21 6	2 2	22 18	0 42	16 26	2 16	23 8	0 9	16 1	1 10	12 50	16 1	21 3	20 58	4 38		n.a.
S 23	12 33	13 31	4 37	4 29	3 32	14 15	1 25	21 13	2 1	22 16	0 42	16 27	2 16	23 8	0 9	16 0	1 10	12 49	16 1	21 1	20 58	4 40		n.a.
S 24	12 13	9 36	4 55	4 30	3 36	13 49	1 25	21 19	2 1	22 14	0 42	16 29	2 16	23 8	0 9	15 59	1 10	12 48	16 1	20 58	20 57	4 43		n.a.
M25	11 52	5 21	4 59	4 36	3 38	13 22	1 25	21 26	2 1	22 12	0 42	16 30	2 16	23 9	0 10	15 59	1 10	12 48	16 1	20 55	20 56	4 45		n.a.
T 26	11 31	0 56	4 50	4 45	3 39	12 55	1 25	21 32	2 0	22 9	0 42	16 32	2 16	23 9	0 10	15 58	1 10	12 47	16 1	20 52	20 56	4 47		n.a.
W27	11 9	3s28	4 29	4 58	3 38	12 28	1 24	21 38	2 0	22 7	0 42	16 33	2 16	23 9	0 10	15 57	1 10	12 46	16 0	20 50	20 55	4 50		n.a.
T 28	10 48	7 44	3 55	5 15	3 35	12 1	1 24	21 45	1 59	22 5	0 43	16 35	2 16	23 9	0 10	15 57	1 10	12 46	16 0	20 48	20 55	4 52		n.a.
F 29	10s27	11s41	3s12	5s34	3n31	11s33	1s23	21n51	1n59	22s 3	0s43	16n36	2n16	23s 9	0s10	15s56	1s10	12s45	16s 0	20s46	20s54	4s54		n.a.

Julian Day Number = 1497555.5, Delta T = 05h09m34s
Ecliptic obliquity = 23°46'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'18, Lahiri = -12°25'18 Julian Calendar 1 Feb. 613 BCE == Greg. Calendar 25 Jan. 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

MARCH 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 8 56	4♓15'21	3♏59	6°R53	5♓ 0	28♉10	25♋38	21°R37	15♐48	20♒38	4♈41	1°R33	2♐12	2♎ 8	n.a.	S 1
S 2	10 12 52	5°14'16	15°56	6♓ 7	6°14	28°39	25°50	21♌33	15°49	20°40	4°42	1♐31	2° 9	2°14	n.a.	S 2
M 3	10 16 49	6°13'10	28° 4	5°19	7°29	29° 8	26° 3	21°28	15°51	20°42	4°44	1°30	2° 6	2°21	n.a.	M 3
T 4	10 20 45	7°12'02	10♐28	4°31	8°43	29°37	26°15	21°24	15°52	20°44	4°45	1°30	2° 3	2°28	n.a.	T 4
W 5	10 24 42	8°10'51	23°13	3°44	9°57	0♊ 6	26°28	21°19	15°53	20°47	4°46	1°30	2° 0	2°35	n.a.	W 5
T 6	10 28 38	9° 9'39	6♋24	2°58	11°11	0°35	26°40	21°15	15°54	20°49	4°47	1°27	1°57	2°41	n.a.	T 6
F 7	10 32 35	10° 8'26	20° 4	2°14	12°26	1° 4	26°53	21°11	15°55	20°51	4°49	1°23	1°53	2°48	n.a.	F 7
S 8	10 36 32	11° 7'10	4♒14	1°34	13°40	1°34	27° 5	21° 6	15°56	20°53	4°50	1°15	1°50	2°55	n.a.	S 8
S 9	10 40 28	12° 5'52	18°51	0°57	14°54	2° 4	27°17	21° 2	15°57	20°55	4°51	1° 6	1°47	3° 1	n.a.	S 9
M10	10 44 25	13° 4'33	3♓50	0°23	16° 8	2°33	27°29	20°58	15°58	20°57	4°52	0°55	1°44	3° 8	n.a.	M10
T 11	10 48 21	14° 3'11	19° 3	29♒55	17°22	3° 3	27°41	20°54	15°59	21° 0	4°54	0°44	1°41	3°15	n.a.	T 11
W12	10 52 18	15° 1'47	4♈17	29°31	18°37	3°33	27°53	20°50	16° 0	21° 2	4°55	0°35	1°37	3°22	n.a.	W12
T 13	10 56 14	16° 0'21	19°22	29°12	19°51	4° 4	28° 5	20°46	16° 0	21° 4	4°56	0°27	1°34	3°28	n.a.	T 13
F 14	11 0 11	16°58'53	4♉10	28°59	21° 5	4°34	28°17	20°42	16° 1	21° 6	4°58	0°22	1°31	3°35	n.a.	F 14
S 15	11 4 7	17°57'23	18°35	28°50	22°19	5° 4	28°29	20°38	16° 2	21° 8	4°59	0°20	1°28	3°42	n.a.	S 15
S 16	11 8 4	18°55'50	2♊34	28°D47	23°33	5°35	28°40	20°34	16° 2	21°10	5° 0	0°D20	1°25	3°48	n.a.	S 16
M17	11 12 0	19°54'16	16° 8	28°48	24°47	6° 6	28°52	20°30	16° 3	21°12	5° 2	0°R20	1°22	3°55	n.a.	M17
T 18	11 15 57	20°52'38	29°20	28°55	26° 1	6°37	29° 3	20°27	16° 3	21°14	5° 3	0°20	1°18	4° 2	n.a.	T 18
W19	11 19 54	21°50'59	12♋11	29° 7	27°15	7° 8	29°15	20°23	16° 4	21°16	5° 4	0°18	1°15	4° 8	n.a.	W19
T 20	11 23 50	22°49'17	24°47	29°23	28°29	7°39	29°26	20°19	16° 4	21°18	5° 6	0°14	1°12	4°15	n.a.	T 20
F 21	11 27 47	23°47'34	7♌10	29°44	29°43	8°10	29°37	20°16	16° 5	21°20	5° 7	0° 7	1° 9	4°22	n.a.	F 21
S 22	11 31 43	24°45'48	19°22	0♓10	0♈57	8°41	29°48	20°13	16° 5	21°22	5° 8	29♏58	1° 6	4°29	n.a.	S 22
S 23	11 35 40	25°44'00	1♍27	0°40	2°11	9°13	29°59	20° 9	16° 5	21°24	5°10	29°47	1° 3	4°35	n.a.	S 23
M24	11 39 36	26°42'10	13°26	1°14	3°25	9°44	0♒10	20° 6	16° 5	21°26	5°11	29°35	0°59	4°42	n.a.	M24
T 25	11 43 33	27°40'18	25°21	1°52	4°39	10°16	0°21	20° 3	16° 6	21°28	5°12	29°23	0°56	4°49	n.a.	T 25
W26	11 47 29	28°38'24	7♎12	2°33	5°53	10°47	0°31	19°59	16° 6	21°30	5°14	29°13	0°53	4°55	n.a.	W26
T 27	11 51 26	29°36'28	19° 3	3°19	7° 7	11°19	0°42	19°56	16° 6	21°32	5°15	29° 4	0°50	5° 2	n.a.	T 27
F 28	11 55 22	0♈34'31	0♏54	4° 7	8°20	11°51	0°52	19°53	16°R 6	21°34	5°16	28°58	0°47	5° 9	n.a.	F 28
S 29	11 59 19	1°32'32	12°48	5° 0	9°34	12°23	1° 3	19°51	16° 6	21°36	5°18	28°54	0°43	5°15	n.a.	S 29
S 30	12 3 16	2°30'32	24°49	5°55	10°48	12°55	1°13	19°48	16° 6	21°37	5°19	28°D53	0°40	5°22	n.a.	S 30
M31	12 7 12	3♈28'30	6♐59	6♓53	12♈ 2	13♊27	1♒23	19♌45	16♐ 5	21♒39	5♈20	28♏53	0♐37	5♎29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s 5	15s13	2s20	5s56	3n25	11s 5	1s23	21n57	1n59	22s 1	0s43	16n38	2n16	23s10	0s10	15s55	1s10	12s45	16s 0	20s45	20s53	4s56		n.a.
S 2	9 43	18 8	1 21	6 21	3 17	10 37	1 22	22 3	1 58	21 58	0 43	16 39	2 16	23 10	0 10	15 55	1 10	12 44	16 0	20 45	20 53	4 59		n.a.
M 3	9 21	20 18	0 18	6 47	3 8	10 8	1 22	22 9	1 58	21 56	0 43	16 41	2 16	23 10	0 10	15 54	1 10	12 43	15 59	20 45	20 52	5 1		n.a.
T 4	8 59	21 33	0n47	7 14	2 57	9 40	1 21	22 15	1 58	21 54	0 43	16 42	2 16	23 10	0 10	15 53	1 10	12 43	15 59	20 45	20 51	5 3		n.a.
W 5	8 37	21 43	1 52	7 43	2 45	9 11	1 20	22 21	1 57	21 52	0 44	16 44	2 16	23 10	0 10	15 52	1 10	12 42	15 59	20 45	20 51	5 6		n.a.
T 6	8 15	20 43	2 53	8 12	2 32	8 41	1 19	22 27	1 57	21 49	0 44	16 45	2 16	23 10	0 10	15 52	1 10	12 41	15 59	20 44	20 50	5 8		n.a.
F 7	7 52	18 30	3 47	8 41	2 18	8 12	1 19	22 33	1 56	21 47	0 44	16 46	2 16	23 10	0 10	15 51	1 10	12 41	15 59	20 43	20 49	5 10		n.a.
S 8	7 30	15 7	4 29	9 9	2 3	7 42	1 18	22 39	1 56	21 45	0 44	16 48	2 16	23 10	0 10	15 50	1 10	12 40	15 59	20 42	20 49	5 13		n.a.
S 9	7 7	10 43	4 54	9 36	1 48	7 12	1 17	22 45	1 56	21 43	0 44	16 49	2 16	23 11	0 10	15 50	1 10	12 39	15 58	20 40	20 48	5 15		n.a.
M10	6 44	5 34	5 1	10 3	1 32	6 42	1 16	22 50	1 55	21 40	0 44	16 51	2 16	23 11	0 10	15 49	1 10	12 39	15 58	20 37	20 47	5 17		n.a.
T 11	6 21	0 1	4 46	10 28	1 17	6 12	1 15	22 56	1 55	21 38	0 45	16 52	2 16	23 11	0 10	15 48	1 10	12 38	15 58	20 35	20 47	5 19		n.a.
W12	5 59	5n33	4 11	10 51	1 1	5 41	1 13	23 2	1 55	21 36	0 45	16 53	2 16	23 11	0 10	15 48	1 10	12 37	15 58	20 33	20 46	5 22		n.a.
T 13	5 36	10 44	3 19	11 13	0 45	5 11	1 12	23 7	1 54	21 34	0 45	16 54	2 16	23 11	0 10	15 47	1 10	12 37	15 58	20 32	20 46	5 24		n.a.
F 14	5 13	15 11	2 14	11 32	0 29	4 40	1 11	23 12	1 54	21 32	0 45	16 56	2 16	23 11	0 10	15 46	1 11	12 36	15 58	20 31	20 45	5 26		n.a.
S 15	4 49	18 35	1 2	11 50	0 14	4 9	1 10	23 18	1 53	21 29	0 45	16 57	2 16	23 11	0 10	15 46	1 11	12 36	15 58	20 30	20 44	5 28		n.a.
S 16	4 26	20 46	0s12	12 5	0s 1	3 38	1 8	23 23	1 53	21 27	0 46	16 58	2 15	23 11	0 10	15 45	1 11	12 35	15 58	20 30	20 44	5 31		n.a.
M17	4 3	21 40	1 23	12 18	0 16	3 7	1 7	23 28	1 53	21 25	0 46	16 59	2 15	23 11	0 10	15 44	1 11	12 34	15 57	20 30	20 43	5 33		n.a.
T 18	3 40	21 18	2 28	12 28	0 30	2 36	1 5	23 33	1 52	21 23	0 46	17 0	2 15	23 11	0 10	15 44	1 11	12 34	15 57	20 30	20 42	5 35		n.a.
W19	3 17	19 50	3 23	12 37	0 43	2 5	1 4	23 38	1 52	21 20	0 46	17 2	2 15	23 12	0 10	15 43	1 11	12 33	15 57	20 30	20 42	5 38		n.a.
T 20	2 53	17 25	4 7	12 43	0 56	1 34	1 2	23 43	1 52	21 18	0 46	17 3	2 15	23 12	0 10	15 43	1 11	12 32	15 57	20 29	20 41	5 40		n.a.
F 21	2 30	14 14	4 39	12 47	1 8	1 2	1 1	23 48	1 51	21 16	0 47	17 4	2 15	23 12	0 10	15 42	1 11	12 32	15 57	20 27	20 40	5 42		n.a.
S 22	2 6	10 30	4 58	12 48	1 19	0 31	0 59	23 53	1 51	21 14	0 47	17 5	2 15	23 12	0 10	15 41	1 11	12 31	15 57	20 25	20 40	5 44		n.a.
S 23	1 43	6 24	5 3	12 47	1 30	0n 0	0 57	23 57	1 50	21 12	0 47	17 6	2 15	23 12	0 10	15 41	1 11	12 31	15 57	20 23	20 39	5 47		n.a.
M24	1 20	2 5	4 54	12 45	1 40	0 32	0 55	24 2	1 50	21 10	0 47	17 7	2 15	23 12	0 10	15 40	1 11	12 30	15 57	20 20	20 38	5 49		n.a.
T 25	0 56	2s17	4 33	12 39	1 50	1 3	0 54	24 6	1 50	21 7	0 47	17 8	2 15	23 12	0 10	15 39	1 11	12 29	15 57	20 18	20 38	5 51		n.a.
W26	0 33	6 33	4 0	12 32	1 58	1 34	0 52	24 10	1 49	21 5	0 48	17 9	2 15	23 12	0 10	15 39	1 11	12 29	15 57	20 15	20 37	5 53		n.a.
T 27	0 9	10 34	3 16	12 23	2 6	2 6	0 50	24 14	1 49	21 3	0 48	17 9	2 15	23 12	0 10	15 38	1 11	12 28	15 57	20 14	20 36	5 56		n.a.
F 28	0n14	14 11	2 24	12 12	2 13	2 37	0 48	24 19	1 48	21 1	0 48	17 10	2 14	23 12	0 10	15 38	1 11	12 28	15 57	20 12	20 36	5 58		n.a.
S 29	0 37	17 15	1 25	11 58	2 20	3 8	0 46	24 22	1 48	20 59	0 48	17 11	2 14	23 12	0 10	15 37	1 11	12 27	15 57	20 11	20 35	6 0		n.a.
S 30	1 1	19 35	0 22	11 43	2 26	3 40	0 44	24 26	1 48	20 57	0 48	17 12	2 14	23 12	0 10	15 37	1 11	12 27	15 57	20 11	20 34	6 2		n.a.
M31	1n24	21s 4	0n43	11s26	2s31	4n11	0s42	24n30	1n47	20s55	0s49	17n13	2n14	23s12	0s10	15s36	1s11	12s26	15s57	20s11	20s34	6s 4		n.a.

Julian Day Number = 1497584.5, Delta T = 05h09m33s
Ecliptic obliquity = 23°46'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'14, Lahiri = -12°25'14 Julian Calendar 1 March 613 BCE == Greg. Calendar 23 Feb. 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

APRIL 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 11 9	4♈26'26	19♐24	7♓55	13♈16	14♊ 0	1♒33	19°R42	16°R 5	21♒41	5♈22	28♏54	0♐34	5♎36	n.a.	T 1
W 2	12 15 5	5°24'22	2♑ 8	8°59	14°30	14°32	1°43	19♌40	16♐ 5	21°43	5°23	28°R55	0°31	5°42	n.a.	W 2
T 3	12 19 2	6°22'15	15°14	10° 6	15°43	15° 4	1°53	19°37	16° 5	21°44	5°25	28°54	0°28	5°49	n.a.	T 3
F 4	12 22 58	7°20'08	28°48	11°16	16°57	15°37	2° 3	19°35	16° 4	21°46	5°26	28°52	0°24	5°56	n.a.	F 4
S 5	12 26 55	8°17'59	12♒50	12°28	18°11	16°10	2°12	19°33	16° 4	21°48	5°27	28°48	0°21	6° 2	n.a.	S 5
S 6	12 30 51	9°15'48	27°19	13°43	19°25	16°42	2°22	19°30	16° 3	21°50	5°29	28°43	0°18	6° 9	n.a.	S 6
M 7	12 34 48	10°13'37	12♓12	15° 0	20°38	17°15	2°31	19°28	16° 3	21°51	5°30	28°36	0°15	6°16	n.a.	M 7
T 8	12 38 45	11°11'24	27°22	16°20	21°52	17°48	2°40	19°26	16° 2	21°53	5°31	28°28	0°12	6°22	n.a.	T 8
W 9	12 42 41	12° 9'09	12♈38	17°42	23° 6	18°21	2°49	19°24	16° 2	21°55	5°33	28°22	0° 8	6°29	n.a.	W 9
T 10	12 46 38	13° 6'53	27°51	19° 6	24°19	18°54	2°58	19°22	16° 1	21°56	5°34	28°17	0° 5	6°36	n.a.	T 10
F 11	12 50 34	14° 4'35	12♉49	20°33	25°33	19°27	3° 7	19°21	16° 1	21°58	5°35	28°14	0° 2	6°42	n.a.	F 11
S 12	12 54 31	15° 2'16	27°25	22° 2	26°47	20° 0	3°16	19°19	16° 0	21°59	5°37	28°D13	29♏59	6°49	n.a.	S 12
S 13	12 58 27	15°59'55	11♊36	23°33	28° 0	20°34	3°25	19°17	15°59	22° 1	5°38	28°14	29°56	6°56	n.a.	S 13
M14	13 2 24	16°57'33	25°19	25° 6	29°14	21° 7	3°33	19°16	15°58	22° 2	5°40	28°15	29°53	7° 3	n.a.	M14
T 15	13 6 20	17°55'09	8♋36	26°42	0♉27	21°41	3°41	19°14	15°57	22° 4	5°41	28°16	29°49	7° 9	n.a.	T 15
W16	13 10 17	18°52'43	21°30	28°19	1°41	22°14	3°50	19°13	15°56	22° 5	5°42	28°R17	29°46	7°16	n.a.	W16
T 17	13 14 14	19°50'16	4♌ 4	29°59	2°55	22°48	3°58	19°12	15°55	22° 7	5°44	28°16	29°43	7°23	n.a.	T 17
F 18	13 18 10	20°47'47	16°23	1♈41	4° 8	23°21	4° 6	19°11	15°54	22° 8	5°45	28°13	29°40	7°29	n.a.	F 18
S 19	13 22 7	21°45'16	28°30	3°26	5°22	23°55	4°13	19°10	15°53	22° 9	5°46	28° 9	29°37	7°36	n.a.	S 19
S 20	13 26 3	22°42'44	10♍29	5°12	6°35	24°29	4°21	19° 9	15°52	22°11	5°48	28° 3	29°34	7°43	n.a.	S 20
M21	13 30 0	23°40'11	22°22	7° 1	7°49	25° 3	4°28	19° 8	15°51	22°12	5°49	27°57	29°30	7°49	n.a.	M21
T 22	13 33 56	24°37'36	4♎13	8°51	9° 2	25°37	4°36	19° 8	15°50	22°13	5°50	27°51	29°27	7°56	n.a.	T 22
W23	13 37 53	25°35'00	16° 4	10°44	10°15	26°11	4°43	19° 7	15°49	22°14	5°51	27°46	29°24	8° 3	n.a.	W23
T 24	13 41 49	26°32'23	27°57	12°39	11°29	26°45	4°50	19° 7	15°47	22°16	5°53	27°42	29°21	8° 9	n.a.	T 24
F 25	13 45 46	27°29'45	9♏53	14°36	12°42	27°19	4°57	19° 6	15°46	22°17	5°54	27°39	29°18	8°16	n.a.	F 25
S 26	13 49 43	28°27'06	21°54	16°36	13°56	27°53	5° 4	19° 6	15°45	22°18	5°55	27°D37	29°14	8°23	n.a.	S 26
S 27	13 53 39	29°24'26	4♐ 4	18°37	15° 9	28°28	5°10	19° 6	15°43	22°19	5°57	27°37	29°11	8°30	n.a.	S 27
M28	13 57 36	0♉21'45	16°23	20°40	16°22	29° 2	5°17	19°D 6	15°42	22°20	5°58	27°38	29° 8	8°36	n.a.	M28
T 29	14 1 32	1°19'03	28°56	22°44	17°36	29°36	5°23	19° 6	15°41	22°21	5°59	27°40	29° 5	8°43	n.a.	T 29
W30	14 5 29	2♉16'21	11♑45	24♈50	18♉49	0♋11	5♒29	19♌ 6	15♐39	22♒23	6♈ 0	27♏41	29♏ 2	8♎50	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n47	21s33	1n48	11s 7	2s36	4n42	0s40	24n34	1n47	20s53	0s49	17n14	2n14	23s12	0s10	15s35	1s11	12s25	15s56	20s11	20s33	6s 7		n.a.
W 2	2 11	20 56	2 49	10 46	2 39	5 13	0 38	24 37	1 46	20 51	0 49	17 14	2 14	23 12	0 10	15 35	1 11	12 25	15 56	20 11	20 32	6 9		n.a.
T 3	2 34	19 12	3 43	10 23	2 43	5 43	0 36	24 41	1 46	20 49	0 49	17 15	2 14	23 12	0 10	15 34	1 11	12 24	15 56	20 11	20 32	6 11		n.a.
F 4	2 57	16 20	4 26	9 59	2 45	6 14	0 33	24 44	1 46	20 47	0 50	17 16	2 14	23 12	0 10	15 34	1 11	12 24	15 56	20 11	20 31	6 13		n.a.
S 5	3 20	12 28	4 56	9 32	2 47	6 45	0 31	24 47	1 45	20 45	0 50	17 16	2 14	23 12	0 10	15 33	1 11	12 23	15 56	20 10	20 30	6 16		n.a.
S 6	3 43	7 46	5 7	9 4	2 48	7 15	0 29	24 50	1 45	20 43	0 50	17 17	2 13	23 12	0 10	15 33	1 11	12 23	15 56	20 9	20 30	6 18		n.a.
M 7	4 6	2 29	4 59	8 34	2 49	7 45	0 27	24 53	1 44	20 41	0 50	17 17	2 13	23 12	0 10	15 32	1 11	12 22	15 56	20 7	20 29	6 20		n.a.
T 8	4 29	3n 3	4 30	8 3	2 49	8 15	0 24	24 56	1 44	20 39	0 50	17 18	2 13	23 12	0 10	15 32	1 11	12 22	15 56	20 6	20 28	6 22		n.a.
W 9	4 52	8 27	3 41	7 30	2 48	8 45	0 22	24 58	1 44	20 37	0 51	17 18	2 13	23 12	0 10	15 31	1 11	12 21	15 56	20 4	20 28	6 24		n.a.
T 10	5 15	13 17	2 37	6 55	2 47	9 15	0 20	25 1	1 43	20 35	0 51	17 19	2 13	23 12	0 10	15 31	1 11	12 21	15 56	20 3	20 27	6 27		n.a.
F 11	5 38	17 12	1 23	6 19	2 45	9 44	0 17	25 3	1 43	20 33	0 51	17 19	2 13	23 12	0 10	15 30	1 11	12 20	15 56	20 2	20 26	6 29		n.a.
S 12	6 0	19 55	0 4	5 41	2 42	10 14	0 15	25 5	1 42	20 32	0 51	17 20	2 13	23 11	0 10	15 30	1 12	12 20	15 57	20 2	20 25	6 31		n.a.
S 13	6 23	21 18	1s12	5 2	2 39	10 43	0 13	25 7	1 42	20 30	0 52	17 20	2 12	23 11	0 10	15 29	1 12	12 19	15 57	20 2	20 25	6 33		n.a.
M14	6 45	21 19	2 22	4 21	2 36	11 12	0 10	25 9	1 42	20 28	0 52	17 20	2 12	23 11	0 10	15 29	1 12	12 19	15 57	20 3	20 24	6 35		n.a.
T 15	7 7	20 8	3 22	3 39	2 31	11 40	0 8	25 11	1 41	20 26	0 52	17 21	2 12	23 11	0 10	15 28	1 12	12 18	15 57	20 3	20 23	6 38		n.a.
W16	7 30	17 55	4 9	2 55	2 27	12 8	0 5	25 13	1 41	20 25	0 52	17 21	2 12	23 11	0 10	15 28	1 12	12 18	15 57	20 3	20 23	6 40		n.a.
T 17	7 52	14 54	4 44	2 10	2 21	12 36	0 3	25 14	1 40	20 23	0 53	17 21	2 12	23 11	0 10	15 28	1 12	12 17	15 57	20 3	20 22	6 42		n.a.
F 18	8 14	11 18	5 4	1 23	2 15	13 4	0 0	25 16	1 40	20 21	0 53	17 21	2 12	23 11	0 10	15 27	1 12	12 17	15 57	20 2	20 21	6 44		n.a.
S 19	8 35	7 18	5 11	0 35	2 9	13 31	0n 2	25 17	1 40	20 20	0 53	17 22	2 12	23 11	0 10	15 27	1 12	12 16	15 57	20 1	20 21	6 46		n.a.
S 20	8 57	3 4	5 4	0n14	2 2	13 58	0 4	25 18	1 39	20 18	0 53	17 22	2 11	23 11	0 10	15 26	1 12	12 16	15 57	20 0	20 20	6 49		n.a.
M21	9 19	1s16	4 43	1 4	1 55	14 25	0 7	25 19	1 39	20 16	0 54	17 22	2 11	23 11	0 10	15 26	1 12	12 15	15 57	19 59	20 19	6 51		n.a.
T 22	9 40	5 32	4 11	1 56	1 47	14 51	0 9	25 20	1 38	20 15	0 54	17 22	2 11	23 11	0 11	15 26	1 12	12 15	15 57	19 57	20 19	6 53		n.a.
W23	10 1	9 35	3 28	2 48	1 38	15 17	0 12	25 21	1 38	20 13	0 54	17 22	2 11	23 10	0 11	15 25	1 12	12 14	15 57	19 56	20 18	6 55		n.a.
T 24	10 22	13 18	2 35	3 42	1 30	15 43	0 14	25 21	1 38	20 12	0 55	17 22	2 11	23 10	0 11	15 25	1 12	12 14	15 57	19 55	20 17	6 57		n.a.
F 25	10 43	16 29	1 36	4 36	1 20	16 8	0 17	25 22	1 37	20 11	0 55	17 22	2 11	23 10	0 11	15 25	1 12	12 13	15 57	19 54	20 17	7 0		n.a.
S 26	11 4	19 0	0 31	5 31	1 11	16 33	0 19	25 22	1 37	20 9	0 55	17 22	2 10	23 10	0 11	15 24	1 12	12 13	15 57	19 54	20 16	7 2		n.a.
S 27	11 25	20 40	0n35	6 27	1 1	16 57	0 22	25 22	1 36	20 8	0 55	17 22	2 10	23 10	0 11	15 24	1 12	12 13	15 58	19 54	20 15	7 4		n.a.
M28	11 45	21 23	1 41	7 23	0 51	17 21	0 24	25 22	1 36	20 6	0 56	17 22	2 10	23 10	0 11	15 24	1 12	12 12	15 58	19 54	20 14	7 6		n.a.
T 29	12 6	21 2	2 44	8 20	0 41	17 44	0 27	25 22	1 36	20 5	0 56	17 21	2 10	23 10	0 11	15 23	1 12	12 12	15 58	19 55	20 14	7 8		n.a.
W30	12n26	19s36	3n39	9n17	0s30	18n 8	0n29	25n21	1n35	20s 4	0s56	17n21	2n10	23s10	0s11	15s23	1s12	12s11	15s58	19s55	20s13	7s10		n.a.

Julian Day Number = 1497615.5, Delta T = 05h09m32s
Ecliptic obliquity = 23°46'05, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'10, Lahiri = -12°25'09 Julian Calendar 1 Apr. 613 BCE == Greg. Calendar 25 March 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

MAY 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 9 25	3♉13'38	24♋53	26♈58	20♉ 2	0♋45	5♒35	19♌ 6	15°R37	22♒24	6♈ 2	27♏42	28♏59	8♎56	n.a.	T 1
F 2	14 13 22	4°10'55	8♒24	29° 7	21°16	1°20	5°41	19° 6	15♐36	22°25	6° 3	27°R43	28°55	9° 3	n.a.	F 2
S 3	14 17 18	5° 8'11	22°17	1♉17	22°29	1°55	5°47	19° 7	15°34	22°26	6° 4	27°42	28°52	9°10	n.a.	S 3
S 4	14 21 15	6° 5'26	6♓34	3°28	23°42	2°29	5°52	19° 7	15°33	22°26	6° 5	27°40	28°49	9°16	n.a.	S 4
M 5	14 25 12	7° 2'41	21°12	5°39	24°55	3° 4	5°58	19° 8	15°31	22°27	6° 7	27°38	28°46	9°23	n.a.	M 5
T 6	14 29 8	7°59'55	6♈ 6	7°51	26° 9	3°39	6° 3	19° 9	15°29	22°28	6° 8	27°35	28°43	9°30	n.a.	T 6
W 7	14 33 5	8°57'09	21° 8	10° 3	27°22	4°14	6° 8	19° 9	15°27	22°29	6° 9	27°33	28°39	9°36	n.a.	W 7
T 8	14 37 1	9°54'22	6♉11	12°14	28°35	4°49	6°13	19°10	15°26	22°30	6°10	27°31	28°36	9°43	n.a.	T 8
F 9	14 40 58	10°51'35	21° 5	14°25	29°48	5°24	6°17	19°11	15°24	22°31	6°11	27°D30	28°33	9°50	n.a.	F 9
S 10	14 44 54	11°48'47	5♊42	16°36	1♊ 2	5°59	6°22	19°12	15°22	22°31	6°12	27°31	28°30	9°57	n.a.	S 10
S 11	14 48 51	12°45'58	19°57	18°45	2°15	6°34	6°26	19°14	15°20	22°32	6°14	27°31	28°27	10° 3	n.a.	S 11
M12	14 52 47	13°43'09	3♋46	20°53	3°28	7° 9	6°30	19°15	15°18	22°33	6°15	27°32	28°24	10°10	n.a.	M12
T 13	14 56 44	14°40'18	17°10	22°59	4°41	7°45	6°34	19°16	15°16	22°34	6°16	27°33	28°20	10°17	n.a.	T 13
W14	15 0 41	15°37'28	0♌ 9	25° 4	5°54	8°20	6°38	19°18	15°14	22°34	6°17	27°34	28°17	10°23	n.a.	W14
T 15	15 4 37	16°34'36	12°47	27° 7	7° 7	8°55	6°42	19°20	15°12	22°35	6°18	27°R35	28°14	10°30	n.a.	T 15
F 16	15 8 34	17°31'43	25° 7	29° 9	8°20	9°31	6°45	19°21	15°10	22°35	6°19	27°34	28°11	10°37	n.a.	F 16
S 17	15 12 30	18°28'50	7♍13	1♊ 8	9°33	10° 6	6°48	19°23	15° 8	22°36	6°20	27°34	28° 8	10°43	n.a.	S 17
S 18	15 16 27	19°25'57	19°10	3° 6	10°46	10°42	6°52	19°25	15° 6	22°36	6°21	27°33	28° 5	10°50	n.a.	S 18
M19	15 20 23	20°23'02	1♎ 2	5° 1	11°59	11°17	6°54	19°27	15° 4	22°37	6°22	27°32	28° 1	10°57	n.a.	M19
T 20	15 24 20	21°20'08	12°52	6°54	13°12	11°53	6°57	19°29	15° 2	22°37	6°23	27°31	27°58	11° 3	n.a.	T 20
W21	15 28 16	22°17'12	24°44	8°45	14°25	12°29	7° 0	19°31	15° 0	22°38	6°24	27°31	27°55	11°10	n.a.	W21
T 22	15 32 13	23°14'17	6♏41	10°34	15°38	13° 4	7° 2	19°33	14°58	22°38	6°25	27°30	27°52	11°17	n.a.	T 22
F 23	15 36 10	24°11'21	18°45	12°21	16°51	13°40	7° 4	19°36	14°55	22°38	6°26	27°30	27°49	11°24	n.a.	F 23
S 24	15 40 6	25° 8'26	0♐58	14° 5	18° 4	14°16	7° 6	19°38	14°53	22°39	6°27	27°D30	27°45	11°30	n.a.	S 24
S 25	15 44 3	26° 5'30	13°22	15°48	19°17	14°52	7° 8	19°41	14°51	22°39	6°28	27°30	27°42	11°37	n.a.	S 25
M26	15 47 59	27° 2'34	25°58	17°28	20°30	15°28	7° 9	19°44	14°49	22°39	6°29	27°30	27°39	11°44	n.a.	M26
T 27	15 51 56	27°59'38	8♑47	19° 5	21°43	16° 4	7°11	19°46	14°46	22°39	6°30	27°R30	27°36	11°50	n.a.	T 27
W28	15 55 52	28°56'43	21°50	20°41	22°55	16°40	7°12	19°49	14°44	22°40	6°31	27°30	27°33	11°57	n.a.	W28
T 29	15 59 49	29°53'47	5♒ 9	22°14	24° 8	17°16	7°13	19°52	14°42	22°40	6°32	27°30	27°30	12° 4	n.a.	T 29
F 30	16 3 46	0♊50'52	18°44	23°46	25°21	17°52	7°14	19°55	14°40	22°40	6°33	27°30	27°26	12°10	n.a.	F 30
S 31	16 7 42	1♊47'58	2♓36	25♊14	26♊34	18♋28	7♒15	19♌58	14♐37	22♒40	6♈34	27°D29	27♏23	12♎17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	12n46	17s 6	4n25	10n14	0s19	18n30	0n32	25n21	1n35	20s 3	0s56	17n21	2n10	23s 9	0s11	15s23	1s12	12s11	15s58	19s55	20s12	7s13			n.a.
F 2	13 5	13 38	4 57	11 11	0 9	18 52	0 34	25 20	1 34	20 1	0 57	17 21	2 9	23 9	0 11	15 22	1 12	12 11	15 58	19 55	20 12	7 15			n.a.
S 3	13 25	9 20	5 14	12 7	0n 2	19 14	0 36	25 19	1 34	20 0	0 57	17 20	2 9	23 9	0 11	15 22	1 12	12 10	15 58	19 55	20 11	7 17			n.a.
S 4	13 44	4 25	5 11	13 2	0 13	19 35	0 39	25 18	1 34	19 59	0 57	17 20	2 9	23 9	0 11	15 22	1 13	12 10	15 58	19 55	20 10	7 19			n.a.
M 5	14 3	0n53	4 49	13 57	0 23	19 56	0 41	25 17	1 33	19 58	0 58	17 20	2 9	23 9	0 11	15 22	1 13	12 10	15 59	19 54	20 9	7 21			n.a.
T 6	14 22	6 13	4 7	14 50	0 33	20 16	0 44	25 16	1 33	19 57	0 58	17 19	2 9	23 9	0 11	15 21	1 13	12 9	15 59	19 53	20 9	7 23			n.a.
W 7	14 41	11 15	3 8	15 43	0 43	20 35	0 46	25 14	1 32	19 56	0 58	17 19	2 9	23 8	0 11	15 21	1 13	12 9	15 59	19 53	20 8	7 25			n.a.
T 8	14 59	15 34	1 55	16 33	0 52	20 54	0 48	25 13	1 32	19 55	0 58	17 19	2 8	23 8	0 11	15 21	1 13	12 9	15 59	19 53	20 7	7 28			n.a.
F 9	15 17	18 51	0 35	17 22	1 2	21 12	0 50	25 11	1 31	19 54	0 59	17 18	2 8	23 8	0 11	15 21	1 13	12 8	15 59	19 52	20 7	7 30			n.a.
S 10	15 35	20 49	0s45	18 9	1 10	21 30	0 53	25 9	1 31	19 53	0 59	17 18	2 8	23 8	0 11	15 20	1 13	12 8	15 59	19 52	20 6	7 32			n.a.
S 11	15 53	21 22	2 1	18 53	1 18	21 48	0 55	25 7	1 31	19 53	0 59	17 17	2 8	23 8	0 11	15 20	1 13	12 8	16 0	19 53	20 5	7 34			n.a.
M12	16 10	20 35	3 8	19 36	1 26	22 4	0 57	25 4	1 30	19 52	1 0	17 16	2 8	23 7	0 11	15 20	1 13	12 8	16 0	19 53	20 4	7 36			n.a.
T 13	16 28	18 39	4 2	20 16	1 32	22 20	0 59	25 2	1 30	19 51	1 0	17 16	2 8	23 7	0 11	15 20	1 13	12 7	16 0	19 53	20 4	7 38			n.a.
W14	16 45	15 49	4 41	20 53	1 39	22 36	1 1	24 59	1 29	19 50	1 0	17 15	2 7	23 7	0 11	15 20	1 13	12 7	16 0	19 53	20 3	7 40			n.a.
T 15	17 1	12 18	5 6	21 28	1 44	22 50	1 3	24 57	1 29	19 50	1 1	17 14	2 7	23 7	0 11	15 20	1 13	12 7	16 0	19 53	20 2	7 43			n.a.
F 16	17 18	8 22	5 17	22 1	1 49	23 5	1 6	24 54	1 29	19 49	1 1	17 14	2 7	23 7	0 11	15 19	1 13	12 6	16 0	19 53	20 2	7 45			n.a.
S 17	17 34	4 9	5 12	22 31	1 53	23 18	1 8	24 50	1 28	19 49	1 1	17 13	2 7	23 6	0 11	15 19	1 13	12 6	16 1	19 53	20 1	7 47			n.a.
S 18	17 50	0s10	4 55	22 58	1 57	23 31	1 9	24 47	1 28	19 48	1 1	17 12	2 7	23 6	0 11	15 19	1 13	12 6	16 1	19 53	20 0	7 49			n.a.
M19	18 5	4 27	4 25	23 23	1 59	23 43	1 11	24 44	1 27	19 48	1 2	17 11	2 7	23 6	0 11	15 19	1 13	12 6	16 1	19 53	19 59	7 51			n.a.
T 20	18 21	8 34	3 43	23 45	2 1	23 54	1 13	24 40	1 27	19 47	1 2	17 11	2 7	23 6	0 11	15 19	1 13	12 6	16 1	19 53	19 59	7 53			n.a.
W21	18 36	12 22	2 52	24 5	2 3	24 5	1 15	24 36	1 26	19 47	1 2	17 10	2 6	23 5	0 11	15 19	1 13	12 5	16 1	19 52	19 58	7 55			n.a.
T 22	18 50	15 42	1 53	24 22	2 3	24 15	1 17	24 32	1 26	19 47	1 3	17 9	2 6	23 5	0 11	15 19	1 13	12 5	16 2	19 52	19 57	7 57			n.a.
F 23	19 5	18 25	0 48	24 37	2 3	24 25	1 19	24 28	1 26	19 46	1 3	17 8	2 6	23 5	0 11	15 19	1 13	12 5	16 2	19 52	19 57	7 59			n.a.
S 24	19 19	20 19	0n19	24 50	2 3	24 33	1 20	24 24	1 25	19 46	1 3	17 7	2 6	23 5	0 11	15 19	1 14	12 5	16 2	19 52	19 56	8 2			n.a.
S 25	19 32	21 17	1 27	25 1	2 1	24 41	1 22	24 20	1 25	19 46	1 4	17 6	2 6	23 5	0 11	15 19	1 14	12 5	16 2	19 52	19 55	8 4			n.a.
M26	19 46	21 11	2 32	25 9	1 59	24 49	1 24	24 15	1 24	19 46	1 4	17 5	2 6	23 4	0 11	15 19	1 14	12 4	16 3	19 52	19 54	8 6			n.a.
T 27	19 59	19 59	3 30	25 15	1 57	24 55	1 25	24 10	1 24	19 46	1 4	17 4	2 5	23 4	0 11	15 19	1 14	12 4	16 3	19 52	19 54	8 8			n.a.
W28	20 12	17 43	4 18	25 19	1 54	25 1	1 27	24 5	1 23	19 46	1 5	17 3	2 5	23 4	0 11	15 19	1 14	12 4	16 3	19 52	19 53	8 10			n.a.
T 29	20 24	14 30	4 54	25 22	1 50	25 6	1 28	24 0	1 23	19 46	1 5	17 2	2 5	23 4	0 11	15 19	1 14	12 4	16 3	19 52	19 52	8 12			n.a.
F 30	20 37	10 27	5 14	25 22	1 45	25 10	1 29	23 55	1 23	19 46	1 5	17 1	2 5	23 3	0 11	15 19	1 14	12 4	16 4	19 52	19 51	8 14			n.a.
S 31	20n48	5s47	5n16	25n21	1n40	25n14	1n31	23n50	1n22	19s46	1s 5	17n 0	2n 5	23s 3	0s11	15s19	1s14	12s 4	16s 4	19s52	19s51	8s16			n.a.

Julian Day Number = 1497645.5, Delta T = 05h09m30s
Ecliptic obliquity = 23°46'04, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'06, Lahiri = -12°25'05 Julian Calendar 1 May 613 BCE == Greg. Calendar 24 Apr. 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

JUNE 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 11 39	2♊45'03	16♓43	26♊41	27♊47	19♋ 5	7♒15	20♌ 1	14°R35	22♒40	6♈34	27♏30	27♏20	12♎24	n.a.	S 1
M 2	16 15 35	3°42'09	1♈ 4	28° 5	28°59	19°41	7°15	20° 5	14♐33	22°R40	6°35	27°30	27°17	12°30	n.a.	M 2
T 3	16 19 32	4°39'16	15°37	29°27	0♋12	20°17	7°R15	20° 8	14°30	22°40	6°36	27°31	27°14	12°37	n.a.	T 3
W 4	16 23 28	5°36'23	0♉17	0♋47	1°25	20°54	7°15	20°11	14°28	22°40	6°37	27°31	27°11	12°44	n.a.	W 4
T 5	16 27 25	6°33'31	14°57	2° 4	2°37	21°30	7°15	20°15	14°25	22°40	6°38	27°32	27° 7	12°50	n.a.	T 5
F 6	16 31 21	7°30'39	29°33	3°18	3°50	22° 7	7°14	20°19	14°23	22°40	6°38	27°R32	27° 4	12°57	n.a.	F 6
S 7	16 35 18	8°27'48	13♊58	4°30	5° 3	22°43	7°13	20°22	14°21	22°39	6°39	27°31	27° 1	13° 4	n.a.	S 7
S 8	16 39 15	9°24'57	28° 6	5°40	6°15	23°20	7°13	20°26	14°18	22°39	6°40	27°31	26°58	13°10	n.a.	S 8
M 9	16 43 11	10°22'06	11♋53	6°47	7°28	23°57	7°11	20°30	14°16	22°39	6°41	27°29	26°55	13°17	n.a.	M 9
T 10	16 47 8	11°19'15	25°18	7°51	8°40	24°33	7°10	20°34	14°13	22°39	6°41	27°27	26°51	13°24	n.a.	T 10
W11	16 51 4	12°16'25	8♌19	8°52	9°53	25°10	7° 9	20°38	14°11	22°39	6°42	27°26	26°48	13°31	n.a.	W11
T 12	16 55 1	13°13'35	21° 0	9°50	11° 6	25°47	7° 7	20°42	14° 9	22°38	6°43	27°24	26°45	13°37	n.a.	T 12
F 13	16 58 57	14°10'45	3♍21	10°45	12°18	26°24	7° 5	20°46	14° 6	22°38	6°43	27°23	26°42	13°44	n.a.	F 13
S 14	17 2 54	15° 7'55	15°29	11°36	13°30	27° 1	7° 3	20°50	14° 4	22°38	6°44	27°D23	26°39	13°51	n.a.	S 14
S 15	17 6 50	16° 5'06	27°26	12°25	14°43	27°38	7° 1	20°55	14° 1	22°37	6°44	27°23	26°36	13°57	n.a.	S 15
M16	17 10 47	17° 2'17	9♎17	13°10	15°55	28°15	6°58	20°59	13°59	22°37	6°45	27°24	26°32	14° 4	n.a.	M16
T 17	17 14 44	17°59'29	21° 8	13°51	17° 8	28°52	6°55	21° 4	13°57	22°36	6°46	27°26	26°29	14°11	n.a.	T 17
W18	17 18 40	18°56'41	3♏ 3	14°29	18°20	29°29	6°53	21° 8	13°54	22°36	6°46	27°27	26°26	14°17	n.a.	W18
T 19	17 22 37	19°53'53	15° 5	15° 2	19°32	0♌ 6	6°50	21°13	13°52	22°35	6°47	27°28	26°23	14°24	n.a.	T 19
F 20	17 26 33	20°51'06	27°18	15°32	20°45	0°44	6°46	21°17	13°49	22°35	6°47	27°R29	26°20	14°31	n.a.	F 20
S 21	17 30 30	21°48'20	9♐44	15°57	21°57	1°21	6°43	21°22	13°47	22°34	6°48	27°28	26°17	14°37	n.a.	S 21
S 22	17 34 26	22°45'35	22°25	16°18	23° 9	1°58	6°39	21°27	13°45	22°33	6°48	27°27	26°13	14°44	n.a.	S 22
M23	17 38 23	23°42'51	5♑21	16°34	24°21	2°36	6°36	21°32	13°42	22°33	6°49	27°24	26°10	14°51	n.a.	M23
T 24	17 42 20	24°40'07	18°33	16°46	25°33	3°13	6°32	21°37	13°40	22°32	6°49	27°20	26° 7	14°57	n.a.	T 24
W25	17 46 16	25°37'25	1♒59	16°52	26°46	3°51	6°28	21°42	13°37	22°31	6°49	27°16	26° 4	15° 4	n.a.	W25
T 26	17 50 13	26°34'44	15°37	16°R54	27°58	4°28	6°23	21°47	13°35	22°31	6°50	27°12	26° 1	15°11	n.a.	T 26
F 27	17 54 9	27°32'03	29°27	16°50	29°10	5° 6	6°19	21°52	13°33	22°30	6°50	27° 8	25°57	15°17	n.a.	F 27
S 28	17 58 6	28°29'24	13♓26	16°41	0♌22	5°43	6°14	21°57	13°31	22°29	6°50	27° 6	25°54	15°24	n.a.	S 28
S 29	18 2 2	29°26'47	27°32	16°27	1°34	6°21	6°10	22° 3	13°28	22°28	6°51	27°D 5	25°51	15°31	n.a.	S 29
M30	18 5 59	0♋24'11	11♈43	16♋ 8	2♌46	6♌59	6♒ 5	22♌ 8	13♐26	22♒27	6♈51	27♏ 6	25♏48	15♎37	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 0	0s43	5n 0	25n18	1n35	25n17	1n32	23n44	1n22	19s46	1s 6	16n58	2n 5	23s 3	0s11	15s19	1s14	12s 4	16s 4	19s52	19s50	8s18		n.a.
M 2	21 11	4n28	4 25	25 14	1 28	25 19	1 33	23 38	1 21	19 47	1 6	16 57	2 4	23 3	0 11	15 19	1 14	12 4	16 4	19 52	19 49	8 20		n.a.
T 3	21 22	9 29	3 32	25 8	1 22	25 20	1 34	23 33	1 21	19 47	1 6	16 56	2 4	23 2	0 11	15 19	1 14	12 4	16 5	19 52	19 49	8 22		n.a.
W 4	21 32	13 59	2 26	25 0	1 14	25 21	1 35	23 26	1 20	19 47	1 7	16 55	2 4	23 2	0 11	15 19	1 14	12 3	16 5	19 53	19 48	8 24		n.a.
T 5	21 42	17 39	1 9	24 52	1 7	25 21	1 36	23 20	1 20	19 48	1 7	16 53	2 4	23 2	0 11	15 19	1 14	12 3	16 5	19 53	19 47	8 27		n.a.
F 6	21 52	20 9	0s11	24 42	0 58	25 20	1 37	23 14	1 19	19 48	1 7	16 52	2 4	23 1	0 11	15 19	1 14	12 3	16 5	19 53	19 46	8 29		n.a.
S 7	22 1	21 18	1 30	24 31	0 49	25 18	1 38	23 7	1 19	19 48	1 8	16 51	2 4	23 1	0 11	15 19	1 14	12 3	16 6	19 53	19 46	8 31		n.a.
S 8	22 10	21 4	2 41	24 19	0 40	25 16	1 39	23 1	1 19	19 49	1 8	16 49	2 4	23 1	0 11	15 19	1 14	12 3	16 6	19 52	19 45	8 33		n.a.
M 9	22 19	19 33	3 42	24 6	0 31	25 12	1 39	22 54	1 18	19 50	1 8	16 48	2 3	23 1	0 11	15 19	1 14	12 3	16 6	19 52	19 44	8 35		n.a.
T 10	22 27	16 59	4 28	23 52	0 20	25 9	1 40	22 47	1 18	19 50	1 9	16 47	2 3	23 0	0 11	15 19	1 14	12 3	16 6	19 52	19 43	8 37		n.a.
W11	22 34	13 37	4 59	23 38	0 10	25 4	1 41	22 39	1 17	19 51	1 9	16 45	2 3	23 0	0 11	15 20	1 14	12 3	16 7	19 51	19 43	8 39		n.a.
T 12	22 42	9 44	5 14	23 23	0s 1	24 58	1 41	22 32	1 17	19 52	1 9	16 44	2 3	23 0	0 11	15 20	1 14	12 3	16 7	19 51	19 42	8 41		n.a.
F 13	22 49	5 32	5 14	23 7	0 13	24 52	1 41	22 25	1 16	19 52	1 10	16 42	2 3	22 59	0 11	15 20	1 15	12 3	16 7	19 51	19 41	8 43		n.a.
S 14	22 56	1 11	5 1	22 51	0 24	24 46	1 42	22 17	1 16	19 53	1 10	16 41	2 3	22 59	0 11	15 20	1 15	12 3	16 8	19 51	19 40	8 45		n.a.
S 15	23 2	3s 8	4 34	22 34	0 37	24 38	1 42	22 9	1 15	19 54	1 10	16 39	2 3	22 59	0 11	15 20	1 15	12 3	16 8	19 51	19 40	8 47		n.a.
M16	23 8	7 20	3 56	22 17	0 49	24 30	1 42	22 1	1 15	19 55	1 10	16 38	2 2	22 59	0 11	15 20	1 15	12 3	16 8	19 51	19 39	8 49		n.a.
T 17	23 13	11 15	3 7	22 1	1 2	24 21	1 42	21 53	1 14	19 56	1 11	16 36	2 2	22 58	0 11	15 21	1 15	12 3	16 8	19 51	19 38	8 51		n.a.
W18	23 18	14 44	2 11	21 44	1 15	24 11	1 42	21 45	1 14	19 57	1 11	16 34	2 2	22 58	0 11	15 21	1 15	12 3	16 9	19 52	19 37	8 53		n.a.
T 19	23 23	17 40	1 8	21 27	1 28	24 1	1 42	21 36	1 14	19 58	1 11	16 33	2 2	22 58	0 11	15 21	1 15	12 3	16 9	19 52	19 37	8 55		n.a.
F 20	23 27	19 50	0 1	21 10	1 42	23 49	1 42	21 28	1 13	19 59	1 12	16 31	2 2	22 58	0 11	15 21	1 15	12 4	16 9	19 52	19 36	8 57		n.a.
S 21	23 31	21 7	1n 7	20 53	1 55	23 38	1 42	21 19	1 13	20 0	1 12	16 30	2 2	22 57	0 11	15 22	1 15	12 4	16 10	19 52	19 35	8 59		n.a.
S 22	23 34	21 20	2 13	20 37	2 9	23 25	1 42	21 10	1 12	20 2	1 12	16 28	2 2	22 57	0 11	15 22	1 15	12 4	16 10	19 51	19 34	9 1		n.a.
M23	23 37	20 26	3 13	20 22	2 23	23 12	1 41	21 1	1 12	20 3	1 13	16 26	2 2	22 57	0 11	15 22	1 15	12 4	16 10	19 51	19 34	9 3		n.a.
T 24	23 40	18 26	4 4	20 7	2 36	22 58	1 41	20 52	1 11	20 4	1 13	16 24	2 1	22 56	0 11	15 22	1 15	12 4	16 11	19 50	19 33	9 5		n.a.
W25	23 42	15 24	4 43	19 53	2 50	22 44	1 40	20 42	1 11	20 6	1 13	16 23	2 1	22 56	0 11	15 23	1 15	12 4	16 11	19 49	19 32	9 7		n.a.
T 26	23 43	11 30	5 6	19 39	3 3	22 29	1 40	20 33	1 10	20 7	1 13	16 21	2 1	22 56	0 11	15 23	1 15	12 4	16 11	19 48	19 31	9 9		n.a.
F 27	23 45	6 57	5 12	19 27	3 16	22 13	1 39	20 23	1 10	20 8	1 14	16 19	2 1	22 56	0 11	15 23	1 15	12 4	16 11	19 47	19 31	9 11		n.a.
S 28	23 46	1 59	5 0	19 15	3 29	21 57	1 38	20 13	1 9	20 10	1 14	16 17	2 1	22 55	0 11	15 23	1 15	12 4	16 12	19 47	19 30	9 13		n.a.
S 29	23 46	3n 7	4 30	19 5	3 41	21 40	1 37	20 3	1 9	20 11	1 14	16 15	2 1	22 55	0 11	15 24	1 15	12 5	16 12	19 47	19 29	9 15		n.a.
M30	23n46	8n 6	3n43	18n56	3s52	21n23	1n37	19n53	1n 8	20s13	1s15	16n13	2n 1	22s55	0s11	15s24	1s15	12s 5	16s12	19s47	19s28	9s17		n.a.

Julian Day Number = 1497676.5, Delta T = 05h09m29s
Ecliptic obliquity = 23°46'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°32'02, Lahiri = -12°25'01 Julian Calendar 1 June 613 BCE == Greg. Calendar 25 May 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

JULY 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 9 55	1♋21'36	25♈58	15°R44	3♌58	7♌36	6°R 0	22♌14	13°R24	22°R27	6♈51	27♏ 7	25♏45	15♎44	n.a.	T 1
W 2	18 13 52	2°19'02	10♉15	15♋15	5° 9	8°14	5♒54	22°19	13♐21	22♒26	6°52	27° 8	25°42	15°51	n.a.	W 2
T 3	18 17 49	3°16'30	24°30	14°42	6°21	8°52	5°49	22°25	13°19	22°25	6°52	27°R 9	25°38	15°58	n.a.	T 3
F 4	18 21 45	4°14'00	8♊40	14° 5	7°33	9°30	5°43	22°30	13°17	22°24	6°52	27° 9	25°35	16° 4	n.a.	F 4
S 5	18 25 42	5°11'31	22°42	13°23	8°45	10° 8	5°38	22°36	13°15	22°23	6°52	27° 6	25°32	16°11	n.a.	S 5
S 6	18 29 38	6° 9'03	6♋32	12°39	9°57	10°46	5°32	22°42	13°13	22°22	6°52	27° 2	25°29	16°18	n.a.	S 6
M 7	18 33 35	7° 6'37	20° 7	11°52	11° 8	11°24	5°26	22°47	13°10	22°21	6°53	26°57	25°26	16°24	n.a.	M 7
T 8	18 37 31	8° 4'11	3♌23	11° 4	12°20	12° 2	5°20	22°53	13° 8	22°20	6°53	26°50	25°23	16°31	n.a.	T 8
W 9	18 41 28	9° 1'47	16°20	10°15	13°32	12°41	5°13	22°59	13° 6	22°19	6°53	26°43	25°19	16°38	n.a.	W 9
T 10	18 45 24	9°59'24	28°59	9°26	14°43	13°19	5° 7	23° 5	13° 4	22°18	6°53	26°36	25°16	16°44	n.a.	T 10
F 11	18 49 21	10°57'02	11♍20	8°39	15°55	13°57	5° 0	23°11	13° 2	22°16	6°53	26°31	25°13	16°51	n.a.	F 11
S 12	18 53 18	11°54'42	23°27	7°53	17° 6	14°36	4°54	23°17	13° 0	22°15	6°53	26°27	25°10	16°58	n.a.	S 12
S 13	18 57 14	12°52'22	5♎24	7°10	18°18	15°14	4°47	23°23	12°58	22°14	6°53	26°25	25° 7	17° 4	n.a.	S 13
M14	19 1 11	13°50'04	17°15	6°31	19°29	15°52	4°40	23°29	12°56	22°13	6°R53	26°D25	25° 3	17°11	n.a.	M14
T 15	19 5 7	14°47'47	29° 6	5°57	20°41	16°31	4°33	23°35	12°54	22°12	6°53	26°26	25° 0	17°18	n.a.	T 15
W16	19 9 4	15°45'31	11♏ 1	5°28	21°52	17° 9	4°26	23°42	12°52	22°10	6°53	26°27	24°57	17°24	n.a.	W16
T 17	19 13 0	16°43'17	23° 6	5° 6	23° 3	17°48	4°19	23°48	12°50	22° 9	6°53	26°R28	24°54	17°31	n.a.	T 17
F 18	19 16 57	17°41'04	5♐25	4°50	24°14	18°27	4°12	23°54	12°49	22° 8	6°53	26°28	24°51	17°38	n.a.	F 18
S 19	19 20 53	18°38'52	18° 1	4°41	25°26	19° 5	4° 4	24° 1	12°47	22° 7	6°53	26°25	24°48	17°44	n.a.	S 19
S 20	19 24 50	19°36'42	0♑58	4°D40	26°37	19°44	3°57	24° 7	12°45	22° 5	6°53	26°21	24°44	17°51	n.a.	S 20
M21	19 28 47	20°34'33	14°14	4°46	27°48	20°23	3°50	24°14	12°43	22° 4	6°53	26°14	24°41	17°58	n.a.	M21
T 22	19 32 43	21°32'26	27°50	5° 0	28°59	21° 2	3°42	24°20	12°42	22° 3	6°52	26° 6	24°38	18° 4	n.a.	T 22
W23	19 36 40	22°30'21	11♒43	5°23	0♍10	21°41	3°34	24°27	12°40	22° 1	6°52	25°57	24°35	18°11	n.a.	W23
T 24	19 40 36	23°28'18	25°48	5°53	1°20	22°20	3°27	24°33	12°38	22° 0	6°52	25°48	24°32	18°18	n.a.	T 24
F 25	19 44 33	24°26'16	10♓ 1	6°31	2°31	22°59	3°19	24°40	12°37	21°58	6°52	25°40	24°29	18°24	n.a.	F 25
S 26	19 48 29	25°24'16	24°17	7°16	3°42	23°38	3°11	24°46	12°35	21°57	6°52	25°34	24°25	18°31	n.a.	S 26
S 27	19 52 26	26°22'18	8♈33	8°10	4°53	24°17	3° 3	24°53	12°34	21°55	6°51	25°31	24°22	18°38	n.a.	S 27
M28	19 56 22	27°20'23	22°45	9°10	6° 3	24°56	2°56	25° 0	12°32	21°54	6°51	25°D30	24°19	18°44	n.a.	M28
T 29	20 0 19	28°18'29	6♉51	10°17	7°14	25°35	2°48	25° 7	12°31	21°53	6°51	25°30	24°16	18°51	n.a.	T 29
W30	20 4 16	29°16'38	20°51	11°30	8°25	26°14	2°40	25°13	12°29	21°51	6°50	25°R30	24°13	18°58	n.a.	W30
T 31	20 8 12	0♌14'49	4♊45	12♋49	9♍35	26♌54	2♒32	25♌20	12♐28	21♒50	6♈50	25♏30	24♏ 9	19♎ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n46	12n40	2n42	18n49	4s 3	21n 4	1n35	19n43	1n 8	20s14	1s15	16n12	2n 1	22s54	0s11	15s24	1s15	12s 5	16s13	19s47	19s28	9s19		n.a.
W 2	23 45	16 32	1 31	18 42	4 12	20 46	1 34	19 32	1 7	20 16	1 15	16 10	2 1	22 54	0 11	15 25	1 15	12 5	16 13	19 47	19 27	9 21		n.a.
T 3	23 44	19 23	0 15	18 38	4 20	20 27	1 33	19 22	1 7	20 18	1 15	16 8	2 1	22 54	0 11	15 25	1 15	12 5	16 13	19 47	19 26	9 23		n.a.
F 4	23 42	21 1	1s 2	18 35	4 27	20 7	1 32	19 11	1 7	20 19	1 16	16 6	2 0	22 54	0 11	15 25	1 16	12 6	16 14	19 47	19 25	9 25		n.a.
S 5	23 40	21 19	2 15	18 33	4 33	19 46	1 31	19 0	1 6	20 21	1 16	16 4	2 0	22 53	0 11	15 26	1 16	12 6	16 14	19 47	19 24	9 27		n.a.
S 6	23 37	20 19	3 18	18 33	4 37	19 26	1 29	18 49	1 6	20 23	1 16	16 2	2 0	22 53	0 11	15 26	1 16	12 6	16 14	19 46	19 24	9 29		n.a.
M 7	23 34	18 9	4 8	18 35	4 40	19 4	1 28	18 38	1 5	20 24	1 16	16 0	2 0	22 53	0 11	15 27	1 16	12 6	16 15	19 45	19 23	9 31		n.a.
T 8	23 31	15 4	4 44	18 39	4 40	18 42	1 26	18 27	1 5	20 26	1 17	15 58	2 0	22 53	0 11	15 27	1 16	12 6	16 15	19 43	19 22	9 33		n.a.
W 9	23 27	11 19	5 4	18 44	4 39	18 20	1 24	18 16	1 4	20 28	1 17	15 56	2 0	22 52	0 11	15 27	1 16	12 7	16 15	19 41	19 21	9 35		n.a.
T 10	23 23	7 10	5 9	18 50	4 36	17 57	1 23	18 4	1 4	20 30	1 17	15 54	2 0	22 52	0 11	15 28	1 16	12 7	16 16	19 40	19 21	9 37		n.a.
F 11	23 19	2 49	4 59	18 58	4 31	17 34	1 21	17 52	1 3	20 32	1 17	15 52	2 0	22 52	0 11	15 28	1 16	12 7	16 16	19 38	19 20	9 39		n.a.
S 12	23 14	1s35	4 36	19 8	4 24	17 10	1 19	17 41	1 3	20 33	1 18	15 49	2 0	22 52	0 11	15 29	1 16	12 7	16 16	19 38	19 19	9 41		n.a.
S 13	23 8	5 51	4 1	19 19	4 16	16 46	1 17	17 29	1 2	20 35	1 18	15 47	2 0	22 51	0 11	15 29	1 16	12 8	16 17	19 37	19 18	9 43		n.a.
M14	23 2	9 52	3 16	19 31	4 6	16 21	1 15	17 17	1 2	20 37	1 18	15 45	2 0	22 51	0 11	15 29	1 16	12 8	16 17	19 37	19 17	9 45		n.a.
T 15	22 56	13 31	2 22	19 44	3 54	15 56	1 13	17 4	1 1	20 39	1 18	15 43	2 0	22 51	0 11	15 30	1 16	12 8	16 17	19 37	19 17	9 47		n.a.
W16	22 49	16 38	1 22	19 58	3 42	15 31	1 10	16 52	1 1	20 41	1 18	15 41	1 59	22 51	0 11	15 30	1 16	12 9	16 17	19 38	19 16	9 49		n.a.
T 17	22 42	19 6	0 18	20 13	3 28	15 5	1 8	16 40	1 0	20 43	1 19	15 39	1 59	22 50	0 11	15 31	1 16	12 9	16 18	19 38	19 15	9 51		n.a.
F 18	22 35	20 43	0n48	20 28	3 12	14 39	1 6	16 27	1 0	20 45	1 19	15 36	1 59	22 50	0 11	15 31	1 16	12 9	16 18	19 38	19 14	9 53		n.a.
S 19	22 27	21 20	1 53	20 44	2 57	14 13	1 3	16 14	0 59	20 47	1 19	15 34	1 59	22 50	0 11	15 32	1 16	12 10	16 18	19 37	19 14	9 55		n.a.
S 20	22 19	20 51	2 54	21 1	2 40	13 46	1 1	16 2	0 59	20 49	1 19	15 32	1 59	22 50	0 11	15 32	1 16	12 10	16 19	19 36	19 13	9 57		n.a.
M21	22 10	19 13	3 48	21 18	2 23	13 19	0 58	15 49	0 58	20 51	1 19	15 30	1 59	22 49	0 11	15 33	1 16	12 10	16 19	19 35	19 12	9 59		n.a.
T 22	22 1	16 29	4 29	21 34	2 6	12 51	0 55	15 36	0 58	20 53	1 20	15 28	1 59	22 49	0 11	15 33	1 16	12 11	16 19	19 33	19 11	10 1		n.a.
W23	21 52	12 47	4 56	21 50	1 49	12 23	0 52	15 22	0 57	20 55	1 20	15 25	1 59	22 49	0 11	15 34	1 16	12 11	16 20	19 30	19 10	10 3		n.a.
T 24	21 42	8 19	5 5	22 6	1 32	11 55	0 50	15 9	0 57	20 57	1 20	15 23	1 59	22 49	0 11	15 34	1 16	12 11	16 20	19 28	19 10	10 5		n.a.
F 25	21 32	3 22	4 56	22 21	1 15	11 27	0 47	14 56	0 56	20 59	1 20	15 21	1 59	22 49	0 11	15 35	1 16	12 12	16 20	19 26	19 9	10 7		n.a.
S 26	21 21	1n47	4 28	22 36	0 58	10 58	0 44	14 42	0 56	21 1	1 20	15 18	1 59	22 48	0 11	15 35	1 16	12 12	16 21	19 25	19 8	10 8		n.a.
S 27	21 10	6 51	3 44	22 49	0 42	10 29	0 41	14 28	0 55	21 3	1 20	15 16	1 59	22 48	0 11	15 36	1 16	12 12	16 21	19 24	19 7	10 10		n.a.
M28	20 59	11 31	2 46	23 0	0 26	10 0	0 38	14 15	0 55	21 5	1 21	15 14	1 59	22 48	0 11	15 36	1 16	12 13	16 21	19 24	19 7	10 12		n.a.
T 29	20 47	15 32	1 38	23 11	0 11	9 30	0 34	14 1	0 54	21 7	1 21	15 11	1 59	22 48	0 11	15 37	1 16	12 13	16 21	19 24	19 6	10 14		n.a.
W30	20 35	18 37	0 25	23 19	0n 3	9 1	0 31	13 47	0 54	21 9	1 21	15 9	1 59	22 48	0 11	15 37	1 16	12 14	16 22	19 24	19 5	10 16		n.a.
T 31	20n22	20n34	0s49	23n25	0n17	8n31	0n28	13n33	0n53	21s11	1s21	15n 7	1n59	22s47	0s11	15s38	1s16	12s14	16s22	19s24	19s 4	10s18		n.a.

Julian Day Number = 1497706.5, Delta T = 05h09m27s
Ecliptic obliquity = 23°46'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'58, Lahiri = -12°24'57 Julian Calendar 1 July 613 BCE == Greg. Calendar 24 June 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

AUGUST 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 12 9	1♌13'02	18♊30	14♋14	10♍45	27♌33	2°R24	25♌27	12°R26	21°R48	6°R50	25°R28	24♏ 6	19♎11	n.a.	F 1
S 2	20 16 5	2°11'17	2♋ 7	15°44	11°56	28°13	2♒16	25°34	12♐25	21♒46	6♈49	25♏23	24° 3	19°18	n.a.	S 2
S 3	20 20 2	3° 9'34	15°33	17°18	13° 6	28°52	2° 8	25°41	12°24	21°45	6°49	25°16	24° 0	19°24	n.a.	S 3
M 4	20 23 58	4° 7'53	28°48	18°57	14°16	29°32	2° 0	25°48	12°23	21°43	6°48	25° 6	23°57	19°31	n.a.	M 4
T 5	20 27 55	5° 6'14	11♌49	20°38	15°26	0♍11	1°52	25°55	12°22	21°42	6°48	24°54	23°54	19°38	n.a.	T 5
W 6	20 31 51	6° 4'37	24°34	22°23	16°36	0°51	1°44	26° 2	12°20	21°40	6°48	24°42	23°50	19°44	n.a.	W 6
T 7	20 35 48	7° 3'02	7♍ 5	24°10	17°46	1°30	1°36	26° 9	12°19	21°39	6°47	24°30	23°47	19°51	n.a.	T 7
F 8	20 39 45	8° 1'29	19°21	25°59	18°56	2°10	1°29	26°16	12°18	21°37	6°47	24°20	23°44	19°58	n.a.	F 8
S 9	20 43 41	8°59'57	1♎25	27°50	20° 6	2°50	1°21	26°23	12°17	21°35	6°46	24°12	23°41	20° 4	n.a.	S 9
S 10	20 47 38	9°58'27	13°20	29°41	21°16	3°30	1°13	26°30	12°16	21°34	6°46	24° 7	23°38	20°11	n.a.	S 10
M11	20 51 34	10°56'59	25° 9	1♌34	22°26	4°10	1° 5	26°37	12°16	21°32	6°45	24° 4	23°34	20°18	n.a.	M11
T 12	20 55 31	11°55'33	6♏58	3°27	23°35	4°50	0°58	26°44	12°15	21°31	6°44	24° 3	23°31	20°24	n.a.	T 12
W13	20 59 27	12°54'08	18°52	5°20	24°45	5°30	0°50	26°51	12°14	21°29	6°44	24° 3	23°28	20°31	n.a.	W13
T 14	21 3 24	13°52'46	0♐56	7°14	25°54	6°10	0°42	26°58	12°13	21°27	6°43	24° 2	23°25	20°38	n.a.	T 14
F 15	21 7 20	14°51'25	13°16	9° 7	27° 4	6°50	0°35	27° 6	12°12	21°26	6°43	24° 1	23°22	20°44	n.a.	F 15
S 16	21 11 17	15°50'06	25°57	11° 0	28°13	7°30	0°27	27°13	12°12	21°24	6°42	23°58	23°19	20°51	n.a.	S 16
S 17	21 15 13	16°48'49	9♑ 1	12°52	29°22	8°10	0°20	27°20	12°11	21°22	6°41	23°52	23°15	20°58	n.a.	S 17
M18	21 19 10	17°47'34	22°31	14°44	0♎31	8°51	0°13	27°27	12°11	21°21	6°41	23°44	23°12	21° 4	n.a.	M18
T 19	21 23 7	18°46'21	6♒26	16°35	1°40	9°31	0° 6	27°35	12°10	21°19	6°40	23°33	23° 9	21°11	n.a.	T 19
W20	21 27 3	19°45'10	20°41	18°25	2°49	10°11	29♑59	27°42	12°10	21°17	6°39	23°21	23° 6	21°18	n.a.	W20
T 21	21 31 0	20°44'01	5♓13	20°15	3°57	10°52	29°52	27°49	12° 9	21°16	6°38	23° 9	23° 3	21°24	n.a.	T 21
F 22	21 34 56	21°42'54	19°53	22° 4	5° 6	11°32	29°45	27°56	12° 9	21°14	6°38	22°59	23° 0	21°31	n.a.	F 22
S 23	21 38 53	22°41'49	4♈34	23°51	6°15	12°13	29°38	28° 4	12° 9	21°12	6°37	22°51	22°56	21°38	n.a.	S 23
S 24	21 42 49	23°40'47	19° 9	25°38	7°23	12°53	29°32	28°11	12° 8	21°11	6°36	22°46	22°53	21°44	n.a.	S 24
M25	21 46 46	24°39'47	3♉33	27°25	8°31	13°34	29°25	28°18	12° 8	21° 9	6°35	22°43	22°50	21°51	n.a.	M25
T 26	21 50 42	25°38'49	17°43	29°10	9°39	14°15	29°19	28°25	12° 8	21° 7	6°35	22°43	22°47	21°58	n.a.	T 26
W27	21 54 39	26°37'55	1♊39	0♍54	10°48	14°55	29°13	28°33	12° 8	21° 6	6°34	22°43	22°44	22° 4	n.a.	W27
T 28	21 58 36	27°37'02	15°20	2°37	11°55	15°36	29° 6	28°40	12° 8	21° 4	6°33	22°42	22°40	22°11	n.a.	T 28
F 29	22 2 32	28°36'12	28°49	4°20	13° 3	16°17	29° 1	28°47	12°D 8	21° 2	6°32	22°39	22°37	22°18	n.a.	F 29
S 30	22 6 29	29°35'25	12♋ 5	6° 2	14°11	16°58	28°55	28°55	12° 8	21° 1	6°31	22°34	22°34	22°24	n.a.	S 30
S 31	22 10 25	0♍34'40	25♋ 9	7♍43	15♎19	17♍39	28♑49	29♌ 2	12♐ 8	20♒59	6♈30	22♏26	22♏31	22♎31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n10	21n17	1s59	23n29	0n29	8n 1	0n24	13n19	0n53	21s13	1s21	15n 4	1n59	22s47	0s11	15s38	1s16	12s14	16s22	19s23	19s 3	10s20		n.a.
S 2	19 57	20 43	3 2	23 30	0 41	7 30	0 21	13 4	0 52	21 15	1 21	15 2	1 59	22 47	0 11	15 39	1 17	12 15	16 23	19 22	19 3	10 22		n.a.
S 3	19 43	18 59	3 53	23 29	0 52	7 0	0 17	12 50	0 51	21 16	1 21	14 59	1 59	22 47	0 11	15 39	1 17	12 15	16 23	19 21	19 2	10 24		n.a.
M 4	19 29	16 16	4 31	23 25	1 2	6 29	0 14	12 35	0 51	21 18	1 21	14 57	1 59	22 47	0 11	15 40	1 17	12 16	16 23	19 18	19 1	10 26		n.a.
T 5	19 15	12 46	4 54	23 19	1 10	5 58	0 10	12 21	0 50	21 20	1 21	14 55	1 59	22 47	0 11	15 40	1 17	12 16	16 23	19 15	19 0	10 28		n.a.
W 6	19 1	8 46	5 2	23 10	1 18	5 27	0 7	12 6	0 50	21 22	1 22	14 52	1 59	22 46	0 11	15 41	1 17	12 17	16 24	19 12	18 59	10 30		n.a.
T 7	18 46	4 28	4 55	22 58	1 25	4 56	0 3	11 51	0 49	21 24	1 22	14 50	1 59	22 46	0 11	15 41	1 17	12 17	16 24	19 9	18 59	10 31		n.a.
F 8	18 31	0 5	4 34	22 44	1 31	4 25	0s 1	11 36	0 49	21 26	1 22	14 47	1 58	22 46	0 11	15 42	1 17	12 17	16 24	19 7	18 58	10 33		n.a.
S 9	18 15	4s15	4 1	22 27	1 36	3 54	0 5	11 21	0 48	21 28	1 22	14 45	1 58	22 46	0 11	15 43	1 17	12 18	16 25	19 5	18 57	10 35		n.a.
S 10	17 59	8 22	3 18	22 8	1 41	3 23	0 9	11 6	0 48	21 30	1 22	14 42	1 58	22 46	0 11	15 43	1 17	12 18	16 25	19 3	18 56	10 37		n.a.
M11	17 43	12 8	2 27	21 46	1 44	2 51	0 13	10 51	0 47	21 31	1 22	14 40	1 58	22 46	0 11	15 44	1 17	12 19	16 25	19 3	18 55	10 39		n.a.
T 12	17 27	15 26	1 29	21 22	1 46	2 20	0 16	10 36	0 47	21 33	1 22	14 37	1 58	22 46	0 11	15 44	1 17	12 19	16 25	19 2	18 55	10 41		n.a.
W13	17 10	18 7	0 27	20 56	1 48	1 48	0 20	10 20	0 46	21 35	1 22	14 35	1 58	22 46	0 11	15 45	1 17	12 20	16 26	19 2	18 54	10 43		n.a.
T 14	16 53	20 2	0n37	20 28	1 49	1 17	0 25	10 5	0 46	21 37	1 22	14 32	1 58	22 45	0 11	15 45	1 17	12 20	16 26	19 2	18 53	10 45		n.a.
F 15	16 36	21 3	1 40	19 59	1 49	0 45	0 29	9 49	0 45	21 38	1 22	14 30	1 58	22 45	0 11	15 46	1 17	12 21	16 26	19 2	18 52	10 46		n.a.
S 16	16 18	21 2	2 40	19 27	1 49	0 13	0 33	9 34	0 45	21 40	1 22	14 27	1 58	22 45	0 11	15 46	1 17	12 21	16 26	19 1	18 51	10 48		n.a.
S 17	16 1	19 54	3 34	18 54	1 48	0s18	0 37	9 18	0 44	21 41	1 22	14 25	1 59	22 45	0 11	15 47	1 17	12 22	16 27	19 0	18 51	10 50		n.a.
M18	15 43	17 37	4 18	18 20	1 47	0 50	0 41	9 2	0 43	21 43	1 22	14 22	1 59	22 45	0 11	15 47	1 17	12 22	16 27	18 58	18 50	10 52		n.a.
T 19	15 24	14 17	4 47	17 44	1 45	1 22	0 45	8 46	0 43	21 45	1 22	14 20	1 59	22 45	0 11	15 48	1 17	12 23	16 27	18 55	18 49	10 54		n.a.
W20	15 6	10 3	5 0	17 8	1 42	1 53	0 50	8 30	0 42	21 46	1 22	14 17	1 59	22 45	0 11	15 49	1 17	12 23	16 27	18 52	18 48	10 56		n.a.
T 21	14 47	5 10	4 54	16 30	1 39	2 25	0 54	8 14	0 42	21 48	1 22	14 15	1 59	22 45	0 11	15 49	1 17	12 24	16 28	18 49	18 47	10 58		n.a.
F 22	14 28	0n 3	4 28	15 51	1 36	2 56	0 58	7 58	0 41	21 49	1 22	14 12	1 59	22 45	0 11	15 50	1 17	12 24	16 28	18 46	18 46	10 59		n.a.
S 23	14 8	5 16	3 45	15 12	1 32	3 28	1 2	7 42	0 41	21 51	1 22	14 10	1 59	22 45	0 11	15 50	1 17	12 25	16 28	18 44	18 46	11 1		n.a.
S 24	13 49	10 10	2 47	14 31	1 28	3 59	1 7	7 26	0 40	21 52	1 22	14 7	1 59	22 45	0 11	15 51	1 17	12 25	16 28	18 43	18 45	11 3		n.a.
M25	13 29	14 25	1 40	13 50	1 23	4 31	1 11	7 9	0 40	21 53	1 22	14 5	1 59	22 45	0 11	15 51	1 17	12 26	16 28	18 42	18 44	11 5		n.a.
T 26	13 9	17 46	0 26	13 9	1 19	5 2	1 16	6 53	0 39	21 55	1 22	14 2	1 59	22 45	0 11	15 52	1 17	12 26	16 29	18 42	18 43	11 7		n.a.
W27	12 48	20 0	0s47	12 27	1 13	5 33	1 20	6 36	0 38	21 56	1 22	14 0	1 59	22 45	0 11	15 52	1 17	12 27	16 29	18 42	18 42	11 9		n.a.
T 28	12 28	21 1	1 57	11 44	1 8	6 4	1 24	6 20	0 38	21 57	1 22	13 57	1 59	22 45	0 11	15 53	1 17	12 27	16 29	18 42	18 42	11 10		n.a.
F 29	12 7	20 47	2 58	11 1	1 3	6 35	1 29	6 3	0 37	21 58	1 22	13 54	1 59	22 45	0 11	15 54	1 17	12 28	16 29	18 41	18 41	11 12		n.a.
S 30	11 46	19 24	3 50	10 18	0 57	7 6	1 33	5 47	0 37	22 0	1 22	13 52	1 59	22 45	0 11	15 54	1 17	12 28	16 29	18 40	18 40	11 14		n.a.
S 31	11n25	17n 1	4s28	9n35	0n51	7s36	1s38	5n30	0n36	22s 1	1s22	13n49	1n59	22s45	0s11	15s55	1s17	12s29	16s30	18s38	18s39	11s16		n.a.

Julian Day Number = 1497737.5, Delta T = 05h09m26s
Ecliptic obliquity = 23°46'03, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'53, Lahiri = -12°24'53 Julian Calendar 1 Aug. 613 BCE == Greg. Calendar 25 July 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

SEPTEMBER 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 14 22	1♍33'57	8♌ 2	9♍23	16♎26	18♍20	28°R44	29♌ 9	12♐ 8	20°R57	6°R29	22°R15	22♏28	22♎38	n.a.	M 1
T 2	22 18 18	2°33'16	20°44	11° 2	17°33	19° 1	28♑38	29°16	12° 8	20♒56	6♈29	22♏ 2	22°25	22°44	n.a.	T 2
W 3	22 22 15	3°32'38	3♍14	12°40	18°40	19°42	28°33	29°24	12° 9	20°54	6°28	21°48	22°21	22°51	n.a.	W 3
T 4	22 26 11	4°32'02	15°32	14°18	19°47	20°23	28°28	29°31	12° 9	20°53	6°27	21°35	22°18	22°58	n.a.	T 4
F 5	22 30 8	5°31'27	27°40	15°54	20°54	21° 5	28°23	29°38	12° 9	20°51	6°26	21°23	22°15	23° 4	n.a.	F 5
S 6	22 34 4	6°30'55	9♎39	17°31	22° 1	21°46	28°18	29°46	12°10	20°49	6°25	21°14	22°12	23°11	n.a.	S 6
S 7	22 38 1	7°30'25	21°30	19° 6	23° 8	22°27	28°14	29°53	12°10	20°48	6°24	21° 7	22° 9	23°18	n.a.	S 7
M 8	22 41 58	8°29'57	3♏17	20°40	24°14	23° 9	28° 9	0♍ 0	12°11	20°46	6°23	21° 4	22° 6	23°24	n.a.	M 8
T 9	22 45 54	9°29'31	15° 4	22°14	25°20	23°50	28° 5	0° 7	12°11	20°45	6°22	21° 2	22° 2	23°31	n.a.	T 9
W10	22 49 51	10°29'07	26°55	23°47	26°26	24°32	28° 1	0°15	12°12	20°43	6°21	21°D 2	21°59	23°38	n.a.	W10
T 11	22 53 47	11°28'45	8♐57	25°20	27°32	25°13	27°58	0°22	12°12	20°42	6°20	21°R 2	21°56	23°44	n.a.	T 11
F 12	22 57 44	12°28'24	21°14	26°52	28°38	25°55	27°54	0°29	12°13	20°40	6°19	21° 2	21°53	23°51	n.a.	F 12
S 13	23 1 40	13°28'06	3♑52	28°23	29°43	26°37	27°50	0°36	12°14	20°39	6°18	21° 0	21°50	23°58	n.a.	S 13
S 14	23 5 37	14°27'49	16°56	29°53	0♏48	27°18	27°47	0°43	12°15	20°37	6°17	20°56	21°46	24° 4	n.a.	S 14
M15	23 9 33	15°27'34	0♒27	1♎23	1°53	28° 0	27°44	0°50	12°16	20°36	6°16	20°49	21°43	24°11	n.a.	M15
T 16	23 13 30	16°27'21	14°28	2°52	2°58	28°42	27°41	0°58	12°16	20°34	6°15	20°41	21°40	24°18	n.a.	T 16
W17	23 17 27	17°27'10	28°55	4°21	4° 3	29°24	27°39	1° 5	12°17	20°33	6°14	20°31	21°37	24°24	n.a.	W17
T 18	23 21 23	18°27'00	13♓43	5°48	5° 7	0♎ 6	27°36	1°12	12°18	20°31	6°13	20°21	21°34	24°31	n.a.	T 18
F 19	23 25 20	19°26'53	28°44	7°15	6°11	0°48	27°34	1°19	12°20	20°30	6°11	20°12	21°31	24°38	n.a.	F 19
S 20	23 29 16	20°26'48	13♈48	8°42	7°15	1°30	27°32	1°26	12°21	20°28	6°10	20° 5	21°27	24°44	n.a.	S 20
S 21	23 33 13	21°26'45	28°46	10° 7	8°19	2°12	27°30	1°33	12°22	20°27	6° 9	20° 1	21°24	24°51	n.a.	S 21
M22	23 37 9	22°26'44	13♉31	11°32	9°22	2°54	27°28	1°40	12°23	20°26	6° 8	19°D59	21°21	24°58	n.a.	M22
T 23	23 41 6	23°26'46	27°56	12°56	10°25	3°36	27°27	1°47	12°24	20°24	6° 7	19°59	21°18	25° 4	n.a.	T 23
W24	23 45 2	24°26'50	12♊ 0	14°19	11°28	4°19	27°26	1°54	12°26	20°23	6° 6	20° 0	21°15	25°11	n.a.	W24
T 25	23 48 59	25°26'56	25°43	15°42	12°30	5° 1	27°24	2° 1	12°27	20°22	6° 5	20°R 1	21°11	25°18	n.a.	T 25
F 26	23 52 55	26°27'05	9♋ 6	17° 3	13°33	5°43	27°24	2° 8	12°28	20°20	6° 4	20° 0	21° 8	25°24	n.a.	F 26
S 27	23 56 52	27°27'16	22°11	18°23	14°35	6°26	27°23	2°14	12°30	20°19	6° 3	19°57	21° 5	25°31	n.a.	S 27
S 28	0 0 49	28°27'29	5♌ 0	19°43	15°36	7° 8	27°22	2°21	12°31	20°18	6° 1	19°52	21° 2	25°38	n.a.	S 28
M29	0 4 45	29°27'44	17°36	21° 1	16°37	7°51	27°22	2°28	12°33	20°17	6° 0	19°44	20°59	25°44	n.a.	M29
T 30	0 8 42	0♎28'01	0♍ 1	22♎17	17♏38	8♎33	27°D22	2♍35	12♐34	20♒16	5♈59	19♏35	20♏56	25♎51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n 4	13n49	4s51	8n51	0n45	8s 7	1s42	5n13	0n36	22s 2	1s22	13n47	1n59	22s45	0s11	15s55	1s17	12s29	16s30	18s35	18s38	11s18		n.a.
T 2	10 42	10 2	5 0	8 8	0 39	8 37	1 46	4 56	0 35	22 3	1 22	13 44	1 59	22 45	0 11	15 56	1 17	12 30	16 30	18 32	18 37	11 20		n.a.
W 3	10 21	5 53	4 55	7 24	0 32	9 7	1 51	4 39	0 34	22 4	1 22	13 42	1 59	22 45	0 11	15 56	1 17	12 30	16 30	18 28	18 37	11 21		n.a.
T 4	9 59	1 33	4 35	6 40	0 26	9 37	1 55	4 23	0 34	22 5	1 21	13 39	1 59	22 45	0 11	15 57	1 17	12 31	16 30	18 24	18 36	11 23		n.a.
F 5	9 37	2s46	4 3	5 56	0 19	10 7	2 0	4 6	0 33	22 6	1 21	13 37	1 59	22 45	0 11	15 57	1 17	12 31	16 31	18 21	18 35	11 25		n.a.
S 6	9 15	6 56	3 21	5 12	0 13	10 36	2 4	3 49	0 33	22 7	1 21	13 34	1 59	22 45	0 11	15 58	1 17	12 32	16 31	18 19	18 34	11 27		n.a.
S 7	8 52	10 48	2 30	4 28	0 6	11 5	2 8	3 31	0 32	22 7	1 21	13 32	1 59	22 45	0 11	15 58	1 17	12 32	16 31	18 17	18 33	11 29		n.a.
M 8	8 30	14 14	1 33	3 44	0s 1	11 34	2 13	3 14	0 32	22 8	1 21	13 29	1 59	22 45	0 11	15 59	1 17	12 33	16 31	18 16	18 32	11 30		n.a.
T 9	8 7	17 5	0 32	3 0	0 8	12 3	2 17	2 57	0 31	22 9	1 21	13 27	2 0	22 45	0 11	15 59	1 17	12 33	16 31	18 16	18 32	11 32		n.a.
W10	7 44	19 14	0n31	2 16	0 15	12 31	2 21	2 40	0 30	22 10	1 21	13 24	2 0	22 45	0 11	16 0	1 17	12 34	16 31	18 16	18 31	11 34		n.a.
T 11	7 21	20 33	1 34	1 33	0 22	13 0	2 25	2 23	0 30	22 10	1 21	13 21	2 0	22 45	0 11	16 0	1 17	12 34	16 31	18 16	18 30	11 36		n.a.
F 12	6 58	20 55	2 34	0 50	0 29	13 27	2 30	2 5	0 29	22 11	1 21	13 19	2 0	22 45	0 11	16 1	1 17	12 35	16 32	18 16	18 29	11 38		n.a.
S 13	6 35	20 15	3 28	0 7	0 36	13 55	2 34	1 48	0 29	22 12	1 21	13 16	2 0	22 46	0 11	16 1	1 17	12 35	16 32	18 15	18 28	11 39		n.a.
S 14	6 12	18 30	4 13	0s36	0 43	14 22	2 38	1 31	0 28	22 12	1 20	13 14	2 0	22 46	0 11	16 2	1 17	12 36	16 32	18 14	18 27	11 41		n.a.
M15	5 48	15 41	4 45	1 19	0 49	14 49	2 42	1 13	0 27	22 13	1 20	13 11	2 0	22 46	0 11	16 2	1 17	12 36	16 32	18 12	18 27	11 43		n.a.
T 16	5 25	11 54	5 2	2 1	0 56	15 16	2 46	0 56	0 27	22 13	1 20	13 9	2 0	22 46	0 11	16 3	1 17	12 37	16 32	18 10	18 26	11 45		n.a.
W17	5 1	7 19	5 1	2 43	1 3	15 42	2 50	0 39	0 26	22 13	1 20	13 6	2 0	22 46	0 11	16 3	1 17	12 37	16 32	18 7	18 25	11 46		n.a.
T 18	4 38	2 12	4 39	3 24	1 10	16 8	2 54	0 21	0 26	22 14	1 20	13 4	2 0	22 46	0 11	16 4	1 17	12 38	16 32	18 5	18 24	11 48		n.a.
F 19	4 14	3n 8	3 59	4 5	1 17	16 33	2 58	0 4	0 25	22 14	1 20	13 2	2 0	22 46	0 11	16 4	1 17	12 38	16 32	18 2	18 23	11 50		n.a.
S 20	3 50	8 17	3 1	4 46	1 23	16 59	3 2	0s14	0 24	22 14	1 20	12 59	2 1	22 46	0 11	16 4	1 17	12 39	16 32	18 0	18 22	11 52		n.a.
S 21	3 26	12 55	1 51	5 26	1 30	17 23	3 6	0 31	0 24	22 15	1 20	12 57	2 1	22 47	0 11	16 5	1 17	12 39	16 32	17 59	18 22	11 53		n.a.
M22	3 2	16 40	0 35	6 6	1 36	17 48	3 9	0 49	0 23	22 15	1 19	12 54	2 1	22 47	0 11	16 5	1 17	12 40	16 32	17 59	18 21	11 55		n.a.
T 23	2 38	19 17	0s43	6 45	1 42	18 12	3 13	1 6	0 23	22 15	1 19	12 52	2 1	22 47	0 11	16 6	1 17	12 40	16 33	17 59	18 20	11 57		n.a.
W24	2 14	20 38	1 55	7 23	1 48	18 35	3 16	1 24	0 22	22 15	1 19	12 49	2 1	22 47	0 11	16 6	1 17	12 41	16 33	17 59	18 19	11 59		n.a.
T 25	1 50	20 42	3 0	8 1	1 54	18 58	3 20	1 42	0 21	22 15	1 19	12 47	2 1	22 47	0 11	16 7	1 17	12 41	16 33	17 59	18 18	12 0		n.a.
F 26	1 26	19 35	3 53	8 38	2 0	19 21	3 23	1 59	0 21	22 15	1 19	12 45	2 1	22 47	0 11	16 7	1 17	12 42	16 33	17 59	18 17	12 2		n.a.
S 27	1 2	17 26	4 32	9 14	2 6	19 43	3 27	2 17	0 20	22 15	1 19	12 42	2 1	22 48	0 11	16 7	1 17	12 42	16 33	17 58	18 17	12 4		n.a.
S 28	0 37	14 29	4 57	9 50	2 11	20 5	3 30	2 34	0 20	22 15	1 18	12 40	2 1	22 48	0 11	16 8	1 17	12 43	16 33	17 57	18 16	12 6		n.a.
M29	0 13	10 54	5 7	10 24	2 16	20 26	3 33	2 52	0 19	22 15	1 18	12 37	2 2	22 48	0 11	16 8	1 17	12 43	16 33	17 55	18 15	12 7		n.a.
T 30	0s11	6n55	5s 2	10s58	2s21	20s47	3s36	3s 9	0n18	22s15	1s18	12n35	2n 2	22s48	0s11	16s 8	1s17	12s44	16s33	17s52	18s14	12s 9		n.a.

Julian Day Number = 1497768.5, Delta T = 05h09m24s
Ecliptic obliquity = 23°46'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'49, Lahiri = -12°24'49 Julian Calendar 1 Sept. 613 BCE == Greg. Calendar 25 Aug. 613 BCE

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

OCTOBER 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 12 38	1♎28'20	12♍16	23♎32	18♏39	9♎16	27♑22	2♍41	12♐36	20°R14	5°R58	19°R26	20♏52	25♎58	n.a.	W 1
T 2	0 16 35	2°28'41	24°22	24°46	19°39	9°59	27°23	2°48	12°38	20♒13	5♈57	19♏16	20°49	26° 4	n.a.	T 2
F 3	0 20 31	3°29'04	6♎20	25°58	20°39	10°42	27°23	2°55	12°40	20°12	5°56	19° 8	20°46	26°11	n.a.	F 3
S 4	0 24 28	4°29'29	18°13	27° 8	21°38	11°24	27°24	3° 1	12°41	20°11	5°55	19° 2	20°43	26°18	n.a.	S 4
S 5	0 28 24	5°29'55	0♏ 1	28°15	22°38	12° 7	27°25	3° 8	12°43	20°10	5°54	18°58	20°40	26°24	n.a.	S 5
M 6	0 32 21	6°30'23	11°47	29°21	23°36	12°50	27°26	3°14	12°45	20° 9	5°52	18°55	20°37	26°31	n.a.	M 6
T 7	0 36 17	7°30'53	23°35	0♏23	24°34	13°33	27°28	3°21	12°47	20° 8	5°51	18°D55	20°33	26°38	n.a.	T 7
W 8	0 40 14	8°31'25	5♐27	1°22	25°32	14°16	27°29	3°27	12°49	20° 7	5°50	18°56	20°30	26°44	n.a.	W 8
T 9	0 44 11	9°31'57	17°28	2°18	26°29	14°59	27°31	3°34	12°51	20° 6	5°49	18°58	20°27	26°51	n.a.	T 9
F 10	0 48 7	10°32'32	29°43	3°10	27°26	15°43	27°33	3°40	12°53	20° 5	5°48	19° 0	20°24	26°58	n.a.	F 10
S 11	0 52 4	11°33'08	12♑17	3°58	28°22	16°26	27°35	3°46	12°55	20° 4	5°47	19°R 0	20°21	27° 4	n.a.	S 11
S 12	0 56 0	12°33'45	25°14	4°40	29°18	17° 9	27°37	3°53	12°57	20° 3	5°46	18°59	20°17	27°11	n.a.	S 12
M13	0 59 57	13°34'23	8♒38	5°17	0♐13	17°52	27°40	3°59	12°59	20° 2	5°45	18°57	20°14	27°18	n.a.	M13
T 14	1 3 53	14°35'03	22°31	5°47	1° 8	18°36	27°43	4° 5	13° 2	20° 2	5°43	18°53	20°11	27°24	n.a.	T 14
W15	1 7 50	15°35'43	6♓53	6°11	2° 1	19°19	27°46	4°11	13° 4	20° 1	5°42	18°48	20° 8	27°31	n.a.	W15
T 16	1 11 46	16°36'26	21°40	6°27	2°55	20° 2	27°49	4°17	13° 6	20° 0	5°41	18°43	20° 5	27°37	n.a.	T 16
F 17	1 15 43	17°37'09	6♈46	6°R34	3°47	20°46	27°52	4°23	13° 9	19°59	5°40	18°39	20° 2	27°44	n.a.	F 17
S 18	1 19 40	18°37'54	22° 1	6°33	4°39	21°30	27°56	4°29	13°11	19°59	5°39	18°35	19°58	27°51	n.a.	S 18
S 19	1 23 36	19°38'40	7♉15	6°21	5°30	22°13	28° 0	4°35	13°13	19°58	5°38	18°33	19°55	27°57	n.a.	S 19
M20	1 27 33	20°39'28	22°18	5°59	6°21	22°57	28° 4	4°41	13°16	19°57	5°37	18°D33	19°52	28° 4	n.a.	M20
T 21	1 31 29	21°40'18	7♊ 3	5°26	7°10	23°41	28° 8	4°46	13°18	19°57	5°36	18°34	19°49	28°11	n.a.	T 21
W22	1 35 26	22°41'09	21°23	4°43	7°59	24°24	28°12	4°52	13°21	19°56	5°35	18°35	19°46	28°17	n.a.	W22
T 23	1 39 22	23°42'02	5♋18	3°49	8°47	25° 8	28°17	4°58	13°24	19°56	5°33	18°37	19°42	28°24	n.a.	T 23
F 24	1 43 19	24°42'56	18°47	2°46	9°34	25°52	28°21	5° 3	13°26	19°55	5°32	18°R38	19°39	28°31	n.a.	F 24
S 25	1 47 15	25°43'52	1♌53	1°34	10°21	26°36	28°26	5° 9	13°29	19°55	5°31	18°38	19°36	28°37	n.a.	S 25
S 26	1 51 12	26°44'50	14°38	0°17	11° 6	27°20	28°31	5°14	13°31	19°54	5°30	18°37	19°33	28°44	n.a.	S 26
M27	1 55 9	27°45'48	27° 5	28♎55	11°50	28° 4	28°37	5°20	13°34	19°54	5°29	18°35	19°30	28°51	n.a.	M27
T 28	1 59 5	28°46'48	9♍20	27°33	12°34	28°48	28°42	5°25	13°37	19°54	5°28	18°32	19°27	28°57	n.a.	T 28
W29	2 3 2	29°47'50	21°23	26°12	13°16	29°32	28°48	5°30	13°40	19°53	5°27	18°28	19°23	29° 4	n.a.	W29
T 30	2 6 58	0♏48'53	3♎19	24°55	13°57	0♏16	28°53	5°35	13°43	19°53	5°26	18°25	19°20	29°11	n.a.	T 30
F 31	2 10 55	1♏49'56	15♎10	23♎46	14♐37	1♏ 1	28♑59	5♍40	13♐45	19♒53	5♈25	18♏23	19♏17	29♎17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0s36	2n42	4s43	11s30	2s25	21s 7	3s39	3s27	0n18	22s15	1s18	12n33	2n 2	22s48	0s11	16s 9	1s17	12s44	16s33	17s50	18s13	12s11			n.a.
T 2	1 0	1s35	4 12	12 2	2 29	21 26	3 42	3 45	0 17	22 15	1 18	12 30	2 2	22 49	0 11	16 9	1 17	12 45	16 33	17 47	18 12	12 13			n.a.
F 3	1 24	5 45	3 30	12 32	2 33	21 46	3 45	4 2	0 17	22 14	1 18	12 28	2 2	22 49	0 11	16 9	1 17	12 45	16 33	17 45	18 11	12 14			n.a.
S 4	1 49	9 40	2 39	13 1	2 37	22 4	3 47	4 20	0 16	22 14	1 18	12 26	2 2	22 49	0 11	16 10	1 17	12 46	16 33	17 43	18 11	12 16			n.a.
S 5	2 13	13 12	1 41	13 29	2 39	22 23	3 50	4 37	0 15	22 14	1 17	12 24	2 2	22 49	0 11	16 10	1 17	12 46	16 33	17 42	18 10	12 18			n.a.
M 6	2 37	16 11	0 39	13 54	2 42	22 40	3 52	4 55	0 15	22 13	1 17	12 21	2 3	22 50	0 11	16 10	1 17	12 46	16 33	17 41	18 9	12 19			n.a.
T 7	3 1	18 31	0n25	14 19	2 44	22 57	3 54	5 12	0 14	22 13	1 17	12 19	2 3	22 50	0 11	16 11	1 16	12 47	16 33	17 41	18 8	12 21			n.a.
W 8	3 25	20 3	1 29	14 41	2 45	23 14	3 56	5 30	0 13	22 12	1 17	12 17	2 3	22 50	0 11	16 11	1 16	12 47	16 33	17 41	18 7	12 23			n.a.
T 9	3 50	20 41	2 29	15 1	2 45	23 30	3 58	5 47	0 13	22 12	1 17	12 15	2 3	22 50	0 11	16 11	1 16	12 48	16 33	17 42	18 6	12 24			n.a.
F 10	4 14	20 22	3 24	15 19	2 45	23 45	4 0	6 5	0 12	22 11	1 17	12 12	2 3	22 51	0 11	16 12	1 16	12 48	16 33	17 42	18 5	12 26			n.a.
S 11	4 38	19 2	4 11	15 35	2 44	24 0	4 2	6 22	0 12	22 11	1 16	12 10	2 3	22 51	0 11	16 12	1 16	12 48	16 33	17 43	18 5	12 28			n.a.
S 12	5 2	16 41	4 46	15 48	2 42	24 14	4 4	6 39	0 11	22 10	1 16	12 8	2 4	22 51	0 11	16 12	1 16	12 49	16 32	17 42	18 4	12 30			n.a.
M13	5 26	13 24	5 7	15 58	2 39	24 28	4 5	6 57	0 10	22 9	1 16	12 6	2 4	22 51	0 11	16 12	1 16	12 49	16 32	17 42	18 3	12 31			n.a.
T 14	5 49	9 17	5 12	16 4	2 35	24 41	4 6	7 14	0 10	22 9	1 16	12 4	2 4	22 52	0 11	16 13	1 16	12 50	16 32	17 41	18 2	12 33			n.a.
W15	6 13	4 30	4 57	16 7	2 30	24 53	4 7	7 31	0 9	22 8	1 16	12 2	2 4	22 52	0 11	16 13	1 16	12 50	16 32	17 39	18 1	12 35			n.a.
T 16	6 37	0n40	4 23	16 6	2 24	25 5	4 8	7 49	0 8	22 7	1 16	12 0	2 4	22 52	0 11	16 13	1 16	12 50	16 32	17 38	18 0	12 36			n.a.
F 17	7 0	5 55	3 29	16 1	2 16	25 16	4 9	8 6	0 8	22 6	1 15	11 58	2 4	22 53	0 11	16 13	1 16	12 51	16 32	17 37	17 59	12 38			n.a.
S 18	7 24	10 52	2 21	15 52	2 6	25 27	4 9	8 23	0 7	22 5	1 15	11 56	2 5	22 53	0 11	16 13	1 16	12 51	16 32	17 36	17 59	12 40			n.a.
S 19	7 47	15 6	1 2	15 38	1 55	25 36	4 10	8 40	0 6	22 4	1 15	11 54	2 5	22 53	0 11	16 14	1 16	12 51	16 32	17 35	17 58	12 41			n.a.
M20	8 10	18 16	0s21	15 18	1 42	25 46	4 10	8 57	0 6	22 3	1 15	11 52	2 5	22 54	0 11	16 14	1 16	12 52	16 32	17 35	17 57	12 43			n.a.
T 21	8 34	20 8	1 40	14 53	1 28	25 54	4 10	9 14	0 5	22 2	1 15	11 50	2 5	22 54	0 11	16 14	1 16	12 52	16 32	17 35	17 56	12 45			n.a.
W22	8 57	20 38	2 51	14 24	1 12	26 2	4 9	9 31	0 5	22 1	1 15	11 48	2 5	22 54	0 11	16 14	1 16	12 52	16 32	17 36	17 55	12 46			n.a.
T 23	9 19	19 50	3 50	13 49	0 54	26 10	4 9	9 48	0 4	22 0	1 14	11 46	2 6	22 55	0 11	16 14	1 16	12 53	16 31	17 36	17 54	12 48			n.a.
F 24	9 42	17 55	4 34	13 9	0 35	26 17	4 8	10 5	0 3	21 59	1 14	11 44	2 6	22 55	0 11	16 14	1 16	12 53	16 31	17 36	17 53	12 50			n.a.
S 25	10 5	15 6	5 2	12 25	0 15	26 23	4 7	10 21	0 3	21 58	1 14	11 42	2 6	22 55	0 11	16 15	1 16	12 53	16 31	17 36	17 52	12 51			n.a.
S 26	10 27	11 39	5 15	11 39	0n 5	26 28	4 6	10 38	0 2	21 57	1 14	11 40	2 6	22 55	0 11	16 15	1 16	12 54	16 31	17 36	17 52	12 53			n.a.
M27	10 49	7 46	5 12	10 50	0 26	26 33	4 5	10 55	0 1	21 55	1 14	11 38	2 6	22 56	0 11	16 15	1 16	12 54	16 31	17 35	17 51	12 54			n.a.
T 28	11 11	3 38	4 55	10 2	0 46	26 38	4 3	11 11	0 1	21 54	1 14	11 37	2 7	22 56	0 11	16 15	1 16	12 54	16 31	17 35	17 50	12 56			n.a.
W29	11 33	0s36	4 25	9 14	1 6	26 41	4 1	11 28	0s 0	21 53	1 13	11 35	2 7	22 57	0 11	16 15	1 16	12 54	16 31	17 34	17 49	12 58			n.a.
T 30	11 55	4 45	3 44	8 29	1 24	26 44	3 59	11 44	0 1	21 51	1 13	11 33	2 7	22 57	0 11	16 15	1 16	12 55	16 30	17 33	17 48	12 59			n.a.
F 31	12s16	8s43	2s54	7s48	1n40	26s47	3s56	12s 0	0s 1	21s50	1s13	11n31	2n 7	22s57	0s11	16s15	1s16	12s55	16s30	17s32	17s47	13s 1			n.a.

Julian Day Number = 1497798.5, Delta T = 05h09m23s
Ecliptic obliquity = 23°46'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'45, Lahiri = -12°24'45 Julian Calendar 1 Oct. 613 BCE == Greg. Calendar 24 Sept. 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

NOVEMBER 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 14 51	2♏51'01	26♎59	22°R45	15♐16	1♏45	29♑ 5	5♍45	13♐48	19°R52	5°R24	18°R21	19♏14	29♎24	n.a.	S 1
S 2	2 18 48	3°52'07	8♏46	21♎54	15°53	2°29	29°12	5°50	13°51	19♒52	5♈23	18♏20	19°11	29°31	n.a.	S 2
M 3	2 22 44	4°53'14	20°35	21°14	16°30	3°14	29°18	5°55	13°54	19°52	5°22	18°D19	19° 8	29°37	n.a.	M 3
T 4	2 26 41	5°54'22	2♐28	20°45	17° 4	3°58	29°25	6° 0	13°57	19°52	5°21	18°20	19° 4	29°44	n.a.	T 4
W 5	2 30 38	6°55'31	14°26	20°28	17°38	4°42	29°32	6° 5	14° 0	19°52	5°20	18°21	19° 1	29°51	n.a.	W 5
T 6	2 34 34	7°56'40	26°34	20°D22	18°10	5°27	29°39	6° 9	14° 3	19°52	5°19	18°22	18°58	29°57	n.a.	T 6
F 7	2 38 31	8°57'50	8♑53	20°26	18°40	6°12	29°46	6°14	14° 6	19°D52	5°18	18°23	18°55	0♏ 4	n.a.	F 7
S 8	2 42 27	9°59'00	21°28	20°40	19° 9	6°56	29°53	6°18	14° 9	19°52	5°18	18°24	18°52	0°11	n.a.	S 8
S 9	2 46 24	11° 0'11	4♒22	21° 2	19°36	7°41	0♒ 0	6°23	14°12	19°52	5°17	18°24	18°48	0°17	n.a.	S 9
M10	2 50 20	12° 1'22	17°38	21°33	20° 2	8°26	0° 8	6°27	14°15	19°52	5°16	18°R24	18°45	0°24	n.a.	M10
T 11	2 54 17	13° 2'33	1♓18	22°10	20°25	9°10	0°16	6°31	14°19	19°52	5°15	18°24	18°42	0°31	n.a.	T 11
W12	2 58 13	14° 3'45	15°25	22°54	20°47	9°55	0°24	6°36	14°22	19°52	5°14	18°23	18°39	0°37	n.a.	W12
T 13	3 2 10	15° 4'57	29°56	23°44	21° 7	10°40	0°32	6°40	14°25	19°52	5°13	18°23	18°36	0°44	n.a.	T 13
F 14	3 6 7	16° 6'09	14♈47	24°38	21°24	11°25	0°40	6°44	14°28	19°53	5°12	18°23	18°33	0°50	n.a.	F 14
S 15	3 10 3	17° 7'22	29°53	25°37	21°40	12°10	0°48	6°48	14°31	19°53	5°12	18°23	18°29	0°57	n.a.	S 15
S 16	3 14 0	18° 8'35	15♉ 5	26°39	21°54	12°55	0°57	6°51	14°35	19°53	5°11	18°23	18°26	1° 4	n.a.	S 16
M17	3 17 56	19° 9'48	0♊13	27°45	22° 5	13°40	1° 5	6°55	14°38	19°53	5°10	18°23	18°23	1°10	n.a.	M17
T 18	3 21 53	20°11'02	15° 8	28°54	22°14	14°25	1°14	6°59	14°41	19°54	5° 9	18°22	18°20	1°17	n.a.	T 18
W19	3 25 49	21°12'16	29°42	0♏ 5	22°21	15°10	1°23	7° 2	14°45	19°54	5° 8	18°22	18°17	1°24	n.a.	W19
T 20	3 29 46	22°13'31	13♋51	1°19	22°25	15°55	1°32	7° 6	14°48	19°55	5° 8	18°22	18°14	1°30	n.a.	T 20
F 21	3 33 43	23°14'47	27°32	2°35	22°R27	16°40	1°41	7° 9	14°51	19°55	5° 7	18°21	18°10	1°37	n.a.	F 21
S 22	3 37 39	24°16'02	10♌46	3°52	22°27	17°25	1°51	7°12	14°55	19°56	5° 6	18°21	18° 7	1°44	n.a.	S 22
S 23	3 41 36	25°17'19	23°36	5°11	22°24	18°11	2° 0	7°16	14°58	19°56	5° 6	18°D21	18° 4	1°50	n.a.	S 23
M24	3 45 32	26°18'35	6♍ 4	6°31	22°19	18°56	2°10	7°19	15° 2	19°57	5° 5	18°21	18° 1	1°57	n.a.	M24
T 25	3 49 29	27°19'52	18°15	7°53	22°11	19°41	2°19	7°22	15° 5	19°57	5° 4	18°21	17°58	2° 4	n.a.	T 25
W26	3 53 25	28°21'09	0♎14	9°16	22° 0	20°27	2°29	7°25	15° 8	19°58	5° 4	18°22	17°54	2°10	n.a.	W26
T 27	3 57 22	29°22'27	12° 5	10°39	21°48	21°12	2°39	7°27	15°12	19°59	5° 3	18°23	17°51	2°17	n.a.	T 27
F 28	4 1 18	0♐23'44	23°52	12° 4	21°32	21°58	2°49	7°30	15°15	19°59	5° 2	18°25	17°48	2°24	n.a.	F 28
S 29	4 5 15	1°25'02	5♏39	13°29	21°14	22°43	3° 0	7°33	15°19	20° 0	5° 2	18°26	17°45	2°30	n.a.	S 29
S 30	4 9 12	2♐26'19	17♏29	14♏55	20♐54	23♏29	3♒10	7♍35	15♐22	20♒ 1	5♈ 1	18°R26	17♏42	2♏37	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s38	12s20	1s56	7s11	1n55	26s48	3s53	12s16	0s 2	21s49	1s13	11n30	2n 7	22s58	0s11	16s15	1s16	12s55	16s30	17s32	17s46	13s 3		n.a.
S 2	12 59	15 27	0 53	6 40	2 8	26 49	3 50	12 33	0 3	21 47	1 13	11 28	2 8	22 58	0 11	16 15	1 16	12 55	16 30	17 31	17 45	13 4		n.a.
M 3	13 20	17 56	0n13	6 16	2 18	26 50	3 47	12 49	0 3	21 46	1 13	11 26	2 8	22 58	0 11	16 15	1 16	12 56	16 30	17 31	17 45	13 6		n.a.
T 4	13 40	19 40	1 18	5 57	2 27	26 50	3 43	13 4	0 4	21 44	1 12	11 25	2 8	22 59	0 11	16 15	1 16	12 56	16 29	17 31	17 44	13 7		n.a.
W 5	14 1	20 32	2 20	5 45	2 33	26 49	3 39	13 20	0 5	21 42	1 12	11 23	2 8	22 59	0 11	16 15	1 16	12 56	16 29	17 32	17 43	13 9		n.a.
T 6	14 21	20 26	3 17	5 38	2 38	26 48	3 35	13 36	0 5	21 41	1 12	11 22	2 9	22 59	0 11	16 15	1 16	12 56	16 29	17 32	17 42	13 11		n.a.
F 7	14 41	19 23	4 6	5 37	2 40	26 46	3 30	13 52	0 6	21 39	1 12	11 20	2 9	23 0	0 11	16 15	1 16	12 56	16 29	17 32	17 41	13 12		n.a.
S 8	15 1	17 22	4 44	5 41	2 42	26 43	3 25	14 7	0 7	21 37	1 12	11 19	2 9	23 0	0 11	16 15	1 16	12 56	16 29	17 32	17 40	13 14		n.a.
S 9	15 20	14 26	5 9	5 49	2 42	26 40	3 19	14 22	0 7	21 36	1 12	11 17	2 9	23 0	0 11	16 15	1 15	12 57	16 28	17 32	17 39	13 15		n.a.
M10	15 39	10 43	5 18	6 2	2 41	26 36	3 13	14 38	0 8	21 34	1 12	11 16	2 9	23 1	0 11	16 15	1 15	12 57	16 28	17 32	17 38	13 17		n.a.
T 11	15 58	6 20	5 10	6 18	2 38	26 31	3 7	14 53	0 8	21 32	1 11	11 15	2 10	23 1	0 11	16 15	1 15	12 57	16 28	17 32	17 38	13 19		n.a.
W12	16 17	1 29	4 44	6 37	2 35	26 26	3 0	15 8	0 9	21 30	1 11	11 13	2 10	23 2	0 11	16 15	1 15	12 57	16 28	17 32	17 37	13 20		n.a.
T 13	16 35	3n36	3 58	6 59	2 31	26 21	2 53	15 23	0 10	21 28	1 11	11 12	2 10	23 2	0 11	16 15	1 15	12 57	16 28	17 32	17 36	13 22		n.a.
F 14	16 53	8 36	2 56	7 24	2 27	26 14	2 46	15 38	0 10	21 26	1 11	11 11	2 10	23 2	0 11	16 15	1 15	12 57	16 27	17 32	17 35	13 23		n.a.
S 15	17 11	13 10	1 41	7 50	2 22	26 7	2 38	15 52	0 11	21 24	1 11	11 9	2 11	23 3	0 12	16 14	1 15	12 57	16 27	17 32	17 34	13 25		n.a.
S 16	17 28	16 52	0 18	8 18	2 16	26 0	2 29	16 7	0 12	21 22	1 11	11 8	2 11	23 3	0 12	16 14	1 15	12 57	16 27	17 32	17 33	13 27		n.a.
M17	17 45	19 25	1s 5	8 48	2 10	25 52	2 20	16 21	0 12	21 20	1 11	11 7	2 11	23 4	0 12	16 14	1 15	12 57	16 27	17 32	17 32	13 28		n.a.
T 18	18 2	20 33	2 24	9 18	2 4	25 43	2 11	16 35	0 13	21 18	1 10	11 6	2 11	23 4	0 12	16 14	1 15	12 58	16 26	17 32	17 31	13 30		n.a.
W19	18 18	20 16	3 30	9 50	1 57	25 33	2 1	16 50	0 14	21 16	1 10	11 5	2 12	23 4	0 12	16 14	1 15	12 58	16 26	17 32	17 30	13 31		n.a.
T 20	18 35	18 41	4 22	10 22	1 50	25 23	1 51	17 3	0 14	21 14	1 10	11 4	2 12	23 5	0 12	16 14	1 15	12 58	16 26	17 32	17 29	13 33		n.a.
F 21	18 50	16 5	4 57	10 55	1 43	25 13	1 40	17 17	0 15	21 12	1 10	11 3	2 12	23 5	0 12	16 14	1 15	12 58	16 25	17 32	17 29	13 34		n.a.
S 22	19 6	12 43	5 15	11 29	1 36	25 2	1 29	17 31	0 16	21 9	1 10	11 2	2 12	23 5	0 12	16 13	1 15	12 58	16 25	17 32	17 28	13 36		n.a.
S 23	19 21	8 51	5 17	12 3	1 28	24 50	1 17	17 44	0 16	21 7	1 10	11 1	2 13	23 6	0 12	16 13	1 15	12 58	16 25	17 32	17 27	13 37		n.a.
M24	19 36	4 43	5 3	12 36	1 21	24 37	1 5	17 58	0 17	21 5	1 10	11 0	2 13	23 6	0 12	16 13	1 15	12 58	16 25	17 32	17 26	13 39		n.a.
T 25	19 50	0 29	4 36	13 10	1 13	24 24	0 53	18 11	0 18	21 2	1 10	10 59	2 13	23 7	0 12	16 13	1 15	12 58	16 24	17 32	17 25	13 41		n.a.
W26	20 4	3s43	3 57	13 44	1 6	24 11	0 40	18 24	0 18	21 0	1 9	10 58	2 14	23 7	0 12	16 13	1 15	12 58	16 24	17 32	17 24	13 42		n.a.
T 27	20 18	7 44	3 9	14 18	0 58	23 57	0 26	18 37	0 19	20 58	1 9	10 57	2 14	23 7	0 12	16 12	1 15	12 58	16 24	17 32	17 23	13 44		n.a.
F 28	20 31	11 26	2 12	14 52	0 51	23 42	0 12	18 49	0 20	20 55	1 9	10 56	2 14	23 8	0 12	16 12	1 15	12 58	16 23	17 33	17 22	13 45		n.a.
S 29	20 44	14 41	1 10	15 25	0 43	23 27	0n 2	19 2	0 20	20 53	1 9	10 56	2 14	23 8	0 12	16 12	1 15	12 58	16 23	17 33	17 21	13 47		n.a.
S 30	20s56	17s22	0s 5	15s58	0n36	23s11	0n16	19s14	0s21	20s50	1s 9	10n55	2n15	23s 9	0s12	16s11	1s15	12s58	16s23	17s33	17s20	13s48		n.a.

Julian Day Number = 1497829.5, Delta T = 05h09m22s
Ecliptic obliquity = 23°46'03, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'41, Lahiri = -12°24'40 Julian Calendar 1 Nov. 613 BCE == Greg. Calendar 25 Oct. 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 613 BCE
geocentric

DECEMBER 613 BCE (-612) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 13 8	3♐27'37	29♏24	16♏22	20°R32	24♏15	3♒20	7♍38	15♐26	20♒ 2	5°R 1	18°R26	17♏39	2♏44	n.a.	M 1
T 2	4 17 5	4°28'55	11♐26	17°49	20♐ 7	25° 0	3°31	7°40	15°29	20° 2	5♈ 0	18♏24	17°35	2°50	n.a.	T 2
W 3	4 21 1	5°30'12	23°37	19°17	19°41	25°46	3°41	7°42	15°33	20° 3	5° 0	18°22	17°32	2°57	n.a.	W 3
T 4	4 24 58	6°31'29	5♑58	20°46	19°12	26°32	3°52	7°44	15°36	20° 4	4°59	18°20	17°29	3° 3	n.a.	T 4
F 5	4 28 54	7°32'45	18°31	22°15	18°42	27°17	4° 3	7°46	15°40	20° 5	4°59	18°17	17°26	3°10	n.a.	F 5
S 6	4 32 51	8°34'01	1♒17	23°45	18°10	28° 3	4°14	7°48	15°44	20° 6	4°58	18°13	17°23	3°17	n.a.	S 6
S 7	4 36 48	9°35'16	14°17	25°15	17°36	28°49	4°25	7°50	15°47	20° 7	4°58	18°11	17°20	3°23	n.a.	S 7
M 8	4 40 44	10°36'31	27°34	26°45	17° 2	29°35	4°36	7°52	15°51	20° 8	4°58	18° 9	17°16	3°30	n.a.	M 8
T 9	4 44 41	11°37'44	11♓ 8	28°17	16°26	0♐21	4°48	7°53	15°54	20° 9	4°57	18°D 9	17°13	3°37	n.a.	T 9
W10	4 48 37	12°38'57	25° 1	29°48	15°50	1° 7	4°59	7°55	15°58	20°10	4°57	18° 9	17°10	3°43	n.a.	W10
T 11	4 52 34	13°40'09	9♈13	1♐20	15°13	1°53	5°11	7°56	16° 1	20°11	4°57	18°10	17° 7	3°50	n.a.	T 11
F 12	4 56 30	14°41'20	23°41	2°53	14°36	2°39	5°22	7°58	16° 5	20°13	4°56	18°12	17° 4	3°57	n.a.	F 12
S 13	5 0 27	15°42'30	8♉24	4°26	13°59	3°25	5°34	7°59	16° 8	20°14	4°56	18°13	17° 0	4° 3	n.a.	S 13
S 14	5 4 23	16°43'40	23°15	5°59	13°23	4°11	5°46	8° 0	16°12	20°15	4°56	18°R13	16°57	4°10	n.a.	S 14
M15	5 8 20	17°44'48	8♊ 8	7°33	12°46	4°57	5°58	8° 1	16°16	20°16	4°55	18°12	16°54	4°17	n.a.	M15
T 16	5 12 17	18°45'56	22°55	9° 8	12°11	5°43	6° 9	8° 2	16°19	20°17	4°55	18° 9	16°51	4°23	n.a.	T 16
W17	5 16 13	19°47'03	7♋29	10°43	11°37	6°29	6°22	8° 2	16°23	20°19	4°55	18° 5	16°48	4°30	n.a.	W17
T 18	5 20 10	20°48'09	21°42	12°19	11° 4	7°15	6°34	8° 3	16°26	20°20	4°55	18° 0	16°45	4°37	n.a.	T 18
F 19	5 24 6	21°49'15	5♌30	13°55	10°33	8° 2	6°46	8° 4	16°30	20°21	4°55	17°54	16°41	4°43	n.a.	F 19
S 20	5 28 3	22°50'20	18°52	15°32	10° 3	8°48	6°58	8° 4	16°33	20°23	4°55	17°49	16°38	4°50	n.a.	S 20
S 21	5 31 59	23°51'24	1♍48	17° 9	9°35	9°34	7°11	8° 4	16°37	20°24	4°54	17°46	16°35	4°57	n.a.	S 21
M22	5 35 56	24°52'27	14°21	18°47	9° 9	10°21	7°23	8° 5	16°40	20°26	4°54	17°43	16°32	5° 3	n.a.	M22
T 23	5 39 52	25°53'30	26°35	20°26	8°46	11° 7	7°35	8° 5	16°44	20°27	4°54	17°D43	16°29	5°10	n.a.	T 23
W24	5 43 49	26°54'32	8♎35	22° 5	8°24	11°53	7°48	8°R 5	16°47	20°29	4°54	17°43	16°25	5°16	n.a.	W24
T 25	5 47 46	27°55'33	20°25	23°45	8° 5	12°40	8° 1	8° 5	16°51	20°30	4°54	17°45	16°22	5°23	n.a.	T 25
F 26	5 51 42	28°56'33	2♏12	25°26	7°48	13°26	8°14	8° 5	16°55	20°32	4°D54	17°47	16°19	5°30	n.a.	F 26
S 27	5 55 39	29°57'32	13°59	27° 7	7°34	14°13	8°26	8° 4	16°58	20°33	4°54	17°R48	16°16	5°36	n.a.	S 27
S 28	5 59 35	0♑58'31	25°52	28°49	7°22	14°59	8°39	8° 4	17° 2	20°35	4°54	17°47	16°13	5°43	n.a.	S 28
M29	6 3 32	1°59'28	7♐54	0♑32	7°13	15°46	8°52	8° 3	17° 5	20°37	4°54	17°45	16°10	5°50	n.a.	M29
T 30	6 7 28	3° 0'24	20° 7	2°15	7° 6	16°32	9° 5	8° 3	17° 8	20°38	4°54	17°41	16° 6	5°56	n.a.	T 30
W31	6 11 25	4♑ 1'19	2♑33	4♑ 0	7♐ 2	17♐19	9♒18	8♍ 2	17♐12	20♒40	4♈55	17♏34	16♏ 3	6♏ 3	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21s 8	19s19	1n 0	16s31	0n28	22s54	0n31	19s26	0s22	20s47	1s 9	10n54	2n15	23s 9	0s12	16s11	1s15	12s57	16s23	17s33	17s20	13s50			n.a.
T 2	21 20	20 25	2 4	17 3	0 21	22 38	0 46	19 38	0 22	20 45	1 9	10 54	2 15	23 9	0 12	16 11	1 15	12 57	16 22	17 33	17 19	13 51			n.a.
W 3	21 31	20 34	3 3	17 35	0 13	22 20	1 1	19 50	0 23	20 42	1 9	10 53	2 15	23 10	0 12	16 11	1 15	12 57	16 22	17 32	17 18	13 53			n.a.
T 4	21 42	19 44	3 54	18 6	0 6	22 3	1 17	20 2	0 24	20 40	1 9	10 53	2 16	23 10	0 12	16 10	1 15	12 57	16 22	17 31	17 17	13 54			n.a.
F 5	21 52	17 56	4 34	18 36	0s 1	21 45	1 32	20 13	0 24	20 37	1 8	10 52	2 16	23 11	0 12	16 10	1 15	12 57	16 21	17 30	17 16	13 56			n.a.
S 6	22 2	15 14	5 2	19 6	0 8	21 26	1 48	20 24	0 25	20 34	1 8	10 52	2 16	23 11	0 12	16 10	1 15	12 57	16 21	17 29	17 15	13 57			n.a.
S 7	22 12	11 45	5 15	19 35	0 15	21 8	2 3	20 35	0 25	20 31	1 8	10 51	2 17	23 11	0 12	16 9	1 15	12 57	16 21	17 29	17 14	13 59			n.a.
M 8	22 21	7 37	5 11	20 3	0 22	20 49	2 19	20 46	0 26	20 28	1 8	10 51	2 17	23 12	0 12	16 9	1 15	12 57	16 20	17 28	17 13	14 0			n.a.
T 9	22 29	3 1	4 51	20 31	0 29	20 31	2 34	20 56	0 27	20 26	1 8	10 50	2 17	23 12	0 12	16 8	1 15	12 56	16 20	17 28	17 12	14 2			n.a.
W10	22 37	1n51	4 13	20 58	0 35	20 12	2 49	21 7	0 27	20 23	1 8	10 50	2 17	23 13	0 12	16 8	1 14	12 56	16 20	17 28	17 11	14 3			n.a.
T 11	22 45	6 44	3 19	21 23	0 42	19 53	3 4	21 17	0 28	20 20	1 8	10 50	2 18	23 13	0 12	16 8	1 14	12 56	16 19	17 29	17 11	14 5			n.a.
F 12	22 52	11 21	2 11	21 48	0 48	19 35	3 19	21 27	0 29	20 17	1 8	10 50	2 18	23 13	0 12	16 7	1 14	12 56	16 19	17 29	17 10	14 6			n.a.
S 13	22 59	15 21	0 54	22 12	0 54	19 16	3 33	21 36	0 29	20 14	1 8	10 49	2 18	23 14	0 12	16 7	1 14	12 56	16 19	17 29	17 9	14 8			n.a.
S 14	23 6	18 24	0s28	22 35	1 0	18 59	3 46	21 46	0 30	20 11	1 8	10 49	2 19	23 14	0 12	16 6	1 14	12 56	16 18	17 29	17 8	14 9			n.a.
M15	23 12	20 12	1 47	22 57	1 5	18 41	3 59	21 55	0 31	20 8	1 7	10 49	2 19	23 14	0 12	16 6	1 14	12 55	16 18	17 29	17 7	14 11			n.a.
T 16	23 17	20 36	2 59	23 17	1 11	18 24	4 12	22 4	0 31	20 5	1 7	10 49	2 19	23 15	0 12	16 6	1 14	12 55	16 18	17 28	17 6	14 12			n.a.
W17	23 22	19 36	3 58	23 37	1 16	18 8	4 24	22 13	0 32	20 1	1 7	10 49	2 19	23 15	0 12	16 5	1 14	12 55	16 17	17 27	17 5	14 14			n.a.
T 18	23 27	17 23	4 40	23 55	1 21	17 52	4 35	22 21	0 33	19 58	1 7	10 49	2 20	23 16	0 12	16 5	1 14	12 55	16 17	17 26	17 4	14 15			n.a.
F 19	23 31	14 13	5 5	24 12	1 26	17 38	4 45	22 30	0 33	19 55	1 7	10 49	2 20	23 16	0 12	16 4	1 14	12 54	16 16	17 24	17 3	14 17			n.a.
S 20	23 34	10 26	5 12	24 28	1 30	17 24	4 55	22 38	0 34	19 52	1 7	10 49	2 20	23 16	0 12	16 4	1 14	12 54	16 16	17 23	17 2	14 18			n.a.
S 21	23 37	6 16	5 3	24 43	1 35	17 10	5 5	22 45	0 34	19 49	1 7	10 49	2 21	23 17	0 12	16 3	1 14	12 54	16 16	17 22	17 1	14 19			n.a.
M22	23 40	1 57	4 39	24 56	1 39	16 58	5 13	22 53	0 35	19 45	1 7	10 50	2 21	23 17	0 12	16 3	1 14	12 54	16 15	17 21	17 0	14 21			n.a.
T 23	23 42	2s20	4 4	25 7	1 43	16 47	5 21	23 0	0 36	19 42	1 7	10 50	2 21	23 17	0 12	16 2	1 14	12 53	16 15	17 21	17 0	14 22			n.a.
W24	23 44	6 28	3 18	25 17	1 46	16 37	5 28	23 7	0 36	19 39	1 7	10 50	2 21	23 18	0 12	16 2	1 14	12 53	16 15	17 21	16 59	14 24			n.a.
T 25	23 45	10 18	2 24	25 26	1 49	16 27	5 34	23 14	0 37	19 35	1 7	10 50	2 22	23 18	0 12	16 1	1 14	12 53	16 14	17 21	16 58	14 25			n.a.
F 26	23 46	13 43	1 24	25 33	1 52	16 19	5 40	23 21	0 37	19 32	1 7	10 51	2 22	23 19	0 12	16 1	1 14	12 52	16 14	17 22	16 57	14 27			n.a.
S 27	23 46	16 35	0 21	25 38	1 54	16 12	5 45	23 27	0 38	19 28	1 7	10 51	2 22	23 19	0 12	16 0	1 14	12 52	16 14	17 22	16 56	14 28			n.a.
S 28	23 46	18 47	0n44	25 42	1 56	16 6	5 50	23 33	0 39	19 25	1 7	10 51	2 23	23 19	0 12	16 0	1 14	12 52	16 13	17 22	16 55	14 30			n.a.
M29	23 45	20 10	1 47	25 44	1 58	16 0	5 53	23 39	0 39	19 21	1 7	10 52	2 23	23 20	0 12	15 59	1 14	12 51	16 13	17 21	16 54	14 31			n.a.
T 30	23 44	20 38	2 46	25 44	2 0	15 56	5 56	23 44	0 40	19 18	1 6	10 52	2 23	23 20	0 12	15 59	1 14	12 51	16 13	17 20	16 53	14 32			n.a.
W31	23s42	20s 6	3n38	25s43	2s 0	15s53	5n59	23s49	0s41	19s14	1s 6	10n53	2n23	23s20	0s12	15s58	1s14	12s51	16s12	17s18	16s52	14s34			n.a.

Julian Day Number = 1497859.5, Delta T = 05h09m20s
Ecliptic obliquity = 23°46'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'37, Lahiri = -12°24'36 Julian Calendar 1 Dec. 613 BCE == Greg. Calendar 24 Nov. 613 BCE

The year -612 astronomical counting style corresponds to year 613 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

JANUARY 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 15 21	5♑ 2'13	15♑13	5♑44	7°D 0	18♐ 5	9♒31	8°R 1	17♐15	20♒42	4♈55	17°R26	16♏ 0	6♏10	n.a.	T 1
F 2	6 19 18	6° 3'05	28° 7	7°30	7♐ 1	18°52	9°45	8♍ 0	17°19	20°43	4°55	17♏17	15°57	6°16	n.a.	F 2
S 3	6 23 15	7° 3'56	11♒14	9°16	7° 4	19°38	9°58	7°59	17°22	20°45	4°55	17° 8	15°54	6°23	n.a.	S 3
S 4	6 27 11	8° 4'45	24°33	11° 3	7° 9	20°25	10°11	7°58	17°26	20°47	4°55	17° 0	15°51	6°30	n.a.	S 4
M 5	6 31 8	9° 5'33	8♓ 3	12°51	7°17	21°12	10°25	7°57	17°29	20°49	4°55	16°53	15°47	6°36	n.a.	M 5
T 6	6 35 4	10° 6'18	21°44	14°39	7°27	21°58	10°38	7°56	17°32	20°50	4°56	16°49	15°44	6°43	n.a.	T 6
W 7	6 39 1	11° 7'02	5♈35	16°27	7°39	22°45	10°52	7°54	17°36	20°52	4°56	16°D48	15°41	6°50	n.a.	W 7
T 8	6 42 57	12° 7'44	19°36	18°17	7°53	23°32	11° 5	7°53	17°39	20°54	4°56	16°48	15°38	6°56	n.a.	T 8
F 9	6 46 54	13° 8'25	3♉47	20° 6	8° 9	24°19	11°19	7°51	17°42	20°56	4°56	16°49	15°35	7° 3	n.a.	F 9
S 10	6 50 50	14° 9'03	18° 5	21°56	8°28	25° 5	11°32	7°49	17°46	20°58	4°57	16°R49	15°31	7°10	n.a.	S 10
S 11	6 54 47	15° 9'40	2♊29	23°46	8°48	25°52	11°46	7°47	17°49	21° 0	4°57	16°48	15°28	7°16	n.a.	S 11
M12	6 58 44	16°10'15	16°56	25°36	9°10	26°39	12° 0	7°45	17°52	21° 2	4°58	16°45	15°25	7°23	n.a.	M12
T 13	7 2 40	17°10'48	1♋20	27°26	9°34	27°26	12°14	7°43	17°55	21° 4	4°58	16°39	15°22	7°29	n.a.	T 13
W14	7 6 37	18°11'19	15°35	29°15	9°59	28°12	12°27	7°41	17°59	21° 6	4°58	16°30	15°19	7°36	n.a.	W14
T 15	7 10 33	19°11'48	29°36	1♌ 4	10°27	28°59	12°41	7°39	18° 2	21° 8	4°59	16°20	15°16	7°43	n.a.	T 15
F 16	7 14 30	20°12'16	13♌18	2°51	10°56	29°46	12°55	7°37	18° 5	21°10	4°59	16° 9	15°12	7°49	n.a.	F 16
S 17	7 18 26	21°12'42	26°38	4°38	11°26	0♑33	13° 9	7°34	18° 8	21°12	5° 0	15°58	15° 9	7°56	n.a.	S 17
S 18	7 22 23	22°13'07	9♍36	6°22	11°58	1°20	13°23	7°32	18°11	21°14	5° 0	15°49	15° 6	8° 3	n.a.	S 18
M19	7 26 20	23°13'30	22°11	8° 5	12°32	2° 7	13°37	7°29	18°14	21°16	5° 1	15°42	15° 3	8° 9	n.a.	M19
T 20	7 30 16	24°13'51	4♎27	9°45	13° 7	2°53	13°51	7°27	18°17	21°18	5° 1	15°38	15° 0	8°16	n.a.	T 20
W21	7 34 13	25°14'10	16°29	11°21	13°43	3°40	14° 5	7°24	18°20	21°20	5° 2	15°36	14°57	8°23	n.a.	W21
T 22	7 38 9	26°14'29	28°21	12°54	14°20	4°27	14°19	7°21	18°23	21°22	5° 2	15°D36	14°53	8°29	n.a.	T 22
F 23	7 42 6	27°14'45	10♏ 8	14°23	14°59	5°14	14°33	7°18	18°26	21°24	5° 3	15°R36	14°50	8°36	n.a.	F 23
S 24	7 46 2	28°15'00	21°57	15°47	15°39	6° 1	14°48	7°15	18°29	21°26	5° 4	15°36	14°47	8°43	n.a.	S 24
S 25	7 49 59	29°15'13	3♐53	17° 5	16°20	6°48	15° 2	7°12	18°32	21°28	5° 4	15°34	14°44	8°49	n.a.	S 25
M26	7 53 55	0♒15'25	15°59	18°18	17° 2	7°35	15°16	7° 9	18°35	21°30	5° 5	15°31	14°41	8°56	n.a.	M26
T 27	7 57 52	1°15'35	28°21	19°23	17°45	8°22	15°30	7° 6	18°38	21°33	5° 6	15°24	14°37	9° 3	n.a.	T 27
W28	8 1 48	2°15'43	11♑ 0	20°21	18°30	9° 9	15°45	7° 2	18°41	21°35	5° 6	15°15	14°34	9° 9	n.a.	W28
T 29	8 5 45	3°15'49	23°58	21°12	19°15	9°56	15°59	6°59	18°44	21°37	5° 7	15° 3	14°31	9°16	n.a.	T 29
F 30	8 9 42	4°15'53	7♒14	21°54	20° 1	10°43	16°13	6°56	18°46	21°39	5° 8	14°50	14°28	9°22	n.a.	F 30
S 31	8 13 38	5♒15'55	20♒45	22♒27	20♐48	11♑30	16♒27	6♍52	18♐49	21♒41	5♈ 8	14♏37	14♏25	9♏29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s40	18 s34	4n20	25 s39	2 s 1	15 s51	6n 1	23 s54	0 s41	19 s11	1 s 6	10n53	2n24	23 s21	0 s12	15 s57	1 s14	12 s50	16 s12	17 s16	16 s51	14 s35			n.a.
F 2	23 38	16 5	4 50	25 34	2 1	15 49	6 3	23 59	0 42	19 7	1 6	10 54	2 24	23 21	0 12	15 57	1 14	12 50	16 12	17 13	16 50	14 37			n.a.
S 3	23 35	12 45	5 5	25 27	2 1	15 49	6 4	24 4	0 42	19 3	1 6	10 55	2 24	23 21	0 12	15 56	1 14	12 49	16 11	17 11	16 49	14 38			n.a.
S 4	23 31	8 44	5 4	25 17	2 0	15 49	6 4	24 8	0 43	19 0	1 6	10 55	2 25	23 22	0 12	15 56	1 14	12 49	16 11	17 8	16 48	14 39			n.a.
M 5	23 27	4 14	4 47	25 6	1 58	15 50	6 4	24 12	0 44	18 56	1 6	10 56	2 25	23 22	0 12	15 55	1 14	12 49	16 10	17 7	16 47	14 41			n.a.
T 6	23 23	0n32	4 12	24 53	1 56	15 52	6 4	24 15	0 44	18 52	1 6	10 57	2 25	23 22	0 12	15 54	1 14	12 48	16 10	17 6	16 47	14 42			n.a.
W 7	23 18	5 21	3 23	24 37	1 54	15 55	6 3	24 19	0 45	18 48	1 6	10 58	2 25	23 23	0 12	15 54	1 14	12 48	16 10	17 5	16 46	14 44			n.a.
T 8	23 12	9 56	2 21	24 20	1 51	15 58	6 2	24 22	0 45	18 44	1 6	10 59	2 26	23 23	0 12	15 53	1 14	12 47	16 9	17 5	16 45	14 45			n.a.
F 9	23 6	14 2	1 9	24 0	1 47	16 2	6 0	24 24	0 46	18 41	1 6	10 59	2 26	23 23	0 12	15 53	1 14	12 47	16 9	17 5	16 44	14 46			n.a.
S 10	23 0	17 21	0 s 7	23 39	1 43	16 7	5 59	24 27	0 46	18 37	1 6	11 0	2 26	23 24	0 12	15 52	1 14	12 46	16 9	17 5	16 43	14 48			n.a.
S 11	22 54	19 35	1 23	23 15	1 38	16 12	5 56	24 29	0 47	18 33	1 6	11 1	2 26	23 24	0 12	15 51	1 14	12 46	16 8	17 5	16 42	14 49			n.a.
M12	22 46	20 34	2 34	22 50	1 32	16 18	5 54	24 31	0 48	18 29	1 6	11 2	2 27	23 24	0 12	15 51	1 14	12 46	16 8	17 4	16 41	14 51			n.a.
T 13	22 39	20 11	3 35	22 22	1 26	16 24	5 51	24 33	0 48	18 25	1 6	11 3	2 27	23 25	0 12	15 50	1 14	12 45	16 8	17 2	16 40	14 52			n.a.
W14	22 31	18 31	4 21	21 53	1 19	16 31	5 48	24 34	0 49	18 21	1 6	11 4	2 27	23 25	0 12	15 49	1 14	12 45	16 7	17 0	16 39	14 53			n.a.
T 15	22 22	15 46	4 51	21 21	1 11	16 38	5 45	24 35	0 49	18 17	1 6	11 5	2 27	23 25	0 12	15 49	1 14	12 44	16 7	16 57	16 38	14 55			n.a.
F 16	22 13	12 13	5 3	20 48	1 3	16 45	5 41	24 36	0 50	18 13	1 6	11 6	2 28	23 25	0 12	15 48	1 14	12 44	16 7	16 54	16 37	14 56			n.a.
S 17	22 4	8 8	4 58	20 14	0 54	16 53	5 38	24 36	0 50	18 9	1 6	11 8	2 28	23 26	0 12	15 47	1 14	12 43	16 6	16 51	16 36	14 57			n.a.
S 18	21 54	3 47	4 38	19 38	0 44	17 1	5 34	24 36	0 51	18 5	1 6	11 9	2 28	23 26	0 12	15 47	1 14	12 43	16 6	16 48	16 35	14 59			n.a.
M19	21 44	0 s36	4 5	19 1	0 33	17 10	5 30	24 36	0 51	18 1	1 6	11 10	2 28	23 26	0 12	15 46	1 14	12 42	16 6	16 46	16 34	15 0			n.a.
T 20	21 34	4 52	3 21	18 24	0 21	17 18	5 25	24 36	0 52	17 57	1 6	11 11	2 29	23 27	0 12	15 45	1 14	12 42	16 5	16 45	16 33	15 1			n.a.
W21	21 23	8 51	2 29	17 45	0 9	17 27	5 21	24 35	0 52	17 53	1 6	11 12	2 29	23 27	0 12	15 45	1 14	12 41	16 5	16 44	16 32	15 3			n.a.
T 22	21 11	12 26	1 31	17 7	0n 4	17 36	5 16	24 34	0 53	17 48	1 6	11 14	2 29	23 27	0 12	15 44	1 14	12 41	16 5	16 44	16 31	15 4			n.a.
F 23	21 0	15 31	0 29	16 28	0 17	17 45	5 12	24 33	0 54	17 44	1 6	11 15	2 29	23 27	0 12	15 43	1 14	12 40	16 4	16 44	16 31	15 6			n.a.
S 24	20 48	17 58	0n34	15 50	0 31	17 54	5 7	24 32	0 54	17 40	1 6	11 16	2 30	23 28	0 12	15 43	1 14	12 39	16 4	16 44	16 30	15 7			n.a.
S 25	20 35	19 39	1 36	15 12	0 45	18 3	5 2	24 30	0 55	17 36	1 6	11 18	2 30	23 28	0 12	15 42	1 14	12 39	16 4	16 44	16 29	15 8			n.a.
M26	20 22	20 28	2 34	14 36	1 0	18 12	4 57	24 28	0 55	17 31	1 6	11 19	2 30	23 28	0 12	15 41	1 14	12 38	16 3	16 42	16 28	15 10			n.a.
T 27	20 9	20 19	3 26	14 1	1 15	18 21	4 52	24 25	0 56	17 27	1 6	11 21	2 30	23 29	0 12	15 40	1 14	12 38	16 3	16 41	16 27	15 11			n.a.
W28	19 56	19 10	4 10	13 28	1 31	18 30	4 46	24 23	0 56	17 23	1 6	11 22	2 30	23 29	0 12	15 40	1 14	12 37	16 3	16 38	16 26	15 12			n.a.
T 29	19 42	17 0	4 41	12 58	1 46	18 39	4 41	24 20	0 57	17 19	1 6	11 23	2 31	23 29	0 12	15 39	1 14	12 37	16 2	16 34	16 25	15 13			n.a.
F 30	19 27	13 55	4 58	12 30	2 1	18 48	4 36	24 17	0 57	17 14	1 6	11 25	2 31	23 29	0 12	15 38	1 14	12 36	16 2	16 31	16 24	15 15			n.a.
S 31	19 s13	10 s 3	4n59	12 s 5	2n16	18 s57	4n30	24 s13	0 s58	17 s10	1 s 6	11n26	2n31	23 s30	0 s12	15 s38	1 s14	12 s35	16 s 2	16 s27	16 s23	15 s16			n.a.

Julian Day Number = 1497890.5, Delta T = 05h09m19s
Ecliptic obliquity = 23°46'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'32, Lahiri = -12°24'32 Julian Calendar 1 Jan. 612 BCE == Greg. Calendar 25 Dec. 613 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

FEBRUARY 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 17 35	6♒15'55	4♓30	22♒52	21♐35	12♑17	16♒42	6°R48	18♐52	21♒43	5♈ 9	14°R26	14♏22	9♏36	n.a.	S 1
M 2	8 21 31	7°15'53	18°24	23° 8	22°24	13° 4	16°56	6♍45	18°54	21°46	5°10	14♏17	14°18	9°42	n.a.	M 2
T 3	8 25 28	8°15'48	2♈25	23°R14	23°13	13°50	17°11	6°41	18°57	21°48	5°11	14°10	14°15	9°49	n.a.	T 3
W 4	8 29 24	9°15'41	16°28	23°12	24° 3	14°37	17°25	6°37	19° 0	21°50	5°12	14° 7	14°12	9°56	n.a.	W 4
T 5	8 33 21	10°15'32	0♉34	23° 1	24°54	15°24	17°39	6°33	19° 2	21°52	5°13	14° 5	14° 9	10° 2	n.a.	T 5
F 6	8 37 17	11°15'21	14°39	22°41	25°46	16°11	17°54	6°30	19° 5	21°55	5°13	14° 5	14° 6	10° 9	n.a.	F 6
S 7	8 41 14	12°15'07	28°44	22°14	26°38	16°58	18° 8	6°26	19° 7	21°57	5°14	14° 5	14° 3	10°16	n.a.	S 7
S 8	8 45 11	13°14'50	12♊48	21°39	27°31	17°45	18°23	6°22	19°10	21°59	5°15	14° 3	13°59	10°22	n.a.	S 8
M 9	8 49 7	14°14'32	26°49	20°58	28°24	18°32	18°37	6°17	19°12	22° 1	5°16	13°59	13°56	10°29	n.a.	M 9
T 10	8 53 4	15°14'11	10♋45	20°12	29°18	19°19	18°52	6°13	19°14	22° 4	5°17	13°51	13°53	10°36	n.a.	T 10
W11	8 57 0	16°13'47	24°34	19°22	0♑12	20° 6	19° 6	6° 9	19°17	22° 6	5°18	13°41	13°50	10°42	n.a.	W11
T 12	9 0 57	17°13'22	8♌12	18°29	1° 7	20°53	19°20	6° 5	19°19	22° 8	5°19	13°29	13°47	10°49	n.a.	T 12
F 13	9 4 53	18°12'54	21°35	17°34	2° 3	21°40	19°35	6° 1	19°21	22°10	5°20	13°16	13°43	10°55	n.a.	F 13
S 14	9 8 50	19°12'24	4♍42	16°38	2°59	22°27	19°49	5°56	19°24	22°13	5°21	13° 3	13°40	11° 2	n.a.	S 14
S 15	9 12 46	20°11'52	17°30	15°43	3°56	23°13	20° 4	5°52	19°26	22°15	5°22	12°52	13°37	11° 9	n.a.	S 15
M16	9 16 43	21°11'17	0♎ 1	14°49	4°53	24° 0	20°18	5°48	19°28	22°17	5°23	12°43	13°34	11°15	n.a.	M16
T 17	9 20 40	22°10'41	12°15	13°58	5°50	24°47	20°33	5°43	19°30	22°19	5°24	12°37	13°31	11°22	n.a.	T 17
W18	9 24 36	23°10'03	24°16	13°11	6°48	25°34	20°47	5°39	19°32	22°22	5°25	12°34	13°28	11°29	n.a.	W18
T 19	9 28 33	24° 9'23	6♏ 8	12°28	7°47	26°21	21° 2	5°35	19°34	22°24	5°26	12°33	13°24	11°35	n.a.	T 19
F 20	9 32 29	25° 8'41	17°56	11°50	8°46	27° 8	21°16	5°30	19°36	22°26	5°27	12°D33	13°21	11°42	n.a.	F 20
S 21	9 36 26	26° 7'57	29°46	11°17	9°45	27°54	21°31	5°26	19°38	22°29	5°28	12°R33	13°18	11°49	n.a.	S 21
S 22	9 40 22	27° 7'12	11♐42	10°50	10°44	28°41	21°45	5°21	19°40	22°31	5°29	12°32	13°15	11°55	n.a.	S 22
M23	9 44 19	28° 6'24	23°51	10°28	11°44	29°28	21°59	5°16	19°42	22°33	5°30	12°29	13°12	12° 2	n.a.	M23
T 24	9 48 15	29° 5'35	6♑16	10°12	12°45	0♒15	22°14	5°12	19°43	22°35	5°31	12°24	13° 9	12° 9	n.a.	T 24
W25	9 52 12	0♓ 4'43	19° 2	10° 3	13°45	1° 2	22°28	5° 7	19°45	22°38	5°33	12°16	13° 5	12°15	n.a.	W25
T 26	9 56 8	1° 3'50	2♒11	9°D58	14°46	1°48	22°43	5° 3	19°47	22°40	5°34	12° 6	13° 2	12°22	n.a.	T 26
F 27	10 0 5	2° 2'55	15°43	10° 0	15°48	2°35	22°57	4°58	19°48	22°42	5°35	11°55	12°59	12°29	n.a.	F 27
S 28	10 4 2	3♓ 1'57	29♒35	10♒ 7	16♑49	3♒22	23♒11	4♍54	19♐50	22♒44	5♈36	11♏44	12♏56	12♏35	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18s58	5s36	4n43	11s43	2n30	19s 6	4n25	24s 9	0s58	17s 5	1s 6	11n28	2n31	23s30	0s12	15s37	1s14	12s35	16s 1	16s23	16s22	15s17			n.a.
M 2	18 42	0 49	4 10	11 25	2 44	19 14	4 19	24 5	0 58	17 1	1 6	11 30	2 31	23 30	0 12	15 36	1 14	12 34	16 1	16 20	16 21	15 19			n.a.
T 3	18 27	4n 3	3 21	11 11	2 57	19 23	4 13	24 1	0 59	16 57	1 6	11 31	2 32	23 30	0 12	15 35	1 14	12 34	16 1	16 19	16 20	15 20			n.a.
W 4	18 11	8 43	2 21	11 0	3 8	19 31	4 7	23 56	0 59	16 52	1 6	11 33	2 32	23 31	0 12	15 35	1 14	12 33	16 1	16 17	16 19	15 21			n.a.
T 5	17 55	12 56	1 11	10 54	3 19	19 39	4 2	23 51	1 0	16 48	1 6	11 34	2 32	23 31	0 12	15 34	1 14	12 33	16 0	16 17	16 18	15 23			n.a.
F 6	17 38	16 24	0s 3	10 52	3 28	19 46	3 56	23 46	1 0	16 43	1 6	11 36	2 32	23 31	0 12	15 33	1 14	12 32	16 0	16 17	16 17	15 24			n.a.
S 7	17 21	18 54	1 17	10 53	3 36	19 54	3 50	23 41	1 1	16 39	1 6	11 38	2 32	23 31	0 12	15 32	1 14	12 31	16 0	16 17	16 16	15 25			n.a.
S 8	17 4	20 14	2 26	10 58	3 42	20 1	3 44	23 35	1 1	16 34	1 6	11 39	2 32	23 31	0 12	15 32	1 14	12 31	15 59	16 16	16 15	15 26			n.a.
M 9	16 47	20 18	3 25	11 8	3 47	20 7	3 38	23 29	1 2	16 30	1 6	11 41	2 33	23 32	0 12	15 31	1 14	12 30	15 59	16 15	16 14	15 28			n.a.
T 10	16 29	19 8	4 12	11 20	3 49	20 14	3 32	23 23	1 2	16 25	1 6	11 43	2 33	23 32	0 12	15 30	1 14	12 29	15 59	16 13	16 13	15 29			n.a.
W11	16 11	16 50	4 44	11 35	3 49	20 20	3 26	23 16	1 3	16 21	1 6	11 44	2 33	23 32	0 12	15 30	1 14	12 29	15 59	16 10	16 12	15 30			n.a.
T 12	15 53	13 39	4 59	11 53	3 48	20 26	3 20	23 9	1 3	16 16	1 6	11 46	2 33	23 32	0 12	15 29	1 14	12 28	15 58	16 6	16 11	15 32			n.a.
F 13	15 35	9 49	4 57	12 14	3 44	20 31	3 14	23 2	1 3	16 12	1 6	11 48	2 33	23 32	0 12	15 28	1 14	12 28	15 58	16 2	16 10	15 33			n.a.
S 14	15 16	5 35	4 40	12 36	3 39	20 36	3 8	22 55	1 4	16 7	1 6	11 50	2 33	23 33	0 13	15 27	1 14	12 27	15 58	15 58	16 10	15 34			n.a.
S 15	14 57	1 12	4 8	12 59	3 31	20 40	3 2	22 48	1 4	16 2	1 6	11 51	2 33	23 33	0 13	15 27	1 14	12 26	15 58	15 55	16 9	15 35			n.a.
M16	14 38	3s 8	3 25	13 23	3 23	20 44	2 56	22 40	1 5	15 58	1 6	11 53	2 34	23 33	0 13	15 26	1 14	12 26	15 57	15 52	16 8	15 37			n.a.
T 17	14 18	7 15	2 33	13 48	3 12	20 48	2 50	22 32	1 5	15 53	1 6	11 55	2 34	23 33	0 13	15 25	1 14	12 25	15 57	15 50	16 7	15 38			n.a.
W18	13 59	11 1	1 35	14 12	3 1	20 51	2 44	22 23	1 5	15 48	1 6	11 57	2 34	23 33	0 13	15 24	1 14	12 24	15 57	15 49	16 6	15 39			n.a.
T 19	13 39	14 17	0 34	14 36	2 48	20 54	2 38	22 15	1 6	15 44	1 6	11 58	2 34	23 34	0 13	15 24	1 14	12 24	15 57	15 49	16 5	15 40			n.a.
F 20	13 19	16 57	0n29	15 0	2 35	20 56	2 32	22 6	1 6	15 39	1 6	12 0	2 34	23 34	0 13	15 23	1 14	12 23	15 56	15 49	16 4	15 42			n.a.
S 21	12 59	18 55	1 30	15 22	2 21	20 58	2 26	21 57	1 6	15 35	1 7	12 2	2 34	23 34	0 13	15 22	1 14	12 23	15 56	15 49	16 3	15 43			n.a.
S 22	12 38	20 3	2 28	15 44	2 7	21 0	2 20	21 48	1 7	15 30	1 7	12 4	2 34	23 34	0 13	15 21	1 14	12 22	15 56	15 49	16 2	15 44			n.a.
M23	12 18	20 17	3 21	16 4	1 52	21 0	2 15	21 38	1 7	15 25	1 7	12 5	2 34	23 34	0 13	15 21	1 14	12 21	15 56	15 48	16 1	15 45			n.a.
T 24	11 57	19 32	4 5	16 22	1 37	21 1	2 9	21 28	1 8	15 20	1 7	12 7	2 34	23 34	0 13	15 20	1 14	12 21	15 55	15 46	16 0	15 46			n.a.
W25	11 36	17 48	4 38	16 39	1 22	21 0	2 3	21 18	1 8	15 16	1 7	12 9	2 34	23 35	0 13	15 19	1 14	12 20	15 55	15 44	15 59	15 48			n.a.
T 26	11 15	15 6	4 58	16 55	1 7	21 0	1 57	21 8	1 8	15 11	1 7	12 11	2 34	23 35	0 13	15 18	1 14	12 19	15 55	15 41	15 58	15 49			n.a.
F 27	10 53	11 33	5 2	17 9	0 52	20 59	1 51	20 58	1 9	15 6	1 7	12 13	2 35	23 35	0 13	15 18	1 14	12 19	15 55	15 37	15 57	15 50			n.a.
S 28	10s32	7s17	4n48	17s20	0n38	20s57	1n46	20s47	1s 9	15s 2	1s 7	12n14	2n35	23s35	0s13	15s17	1s14	12s18	15s55	15s34	15s56	15s51			n.a.

Julian Day Number = 1497921.5, Delta T = 05h09m17s
Ecliptic obliquity = 23°46'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'28, Lahiri = -12°24'28 Julian Calendar 1 Feb. 612 BCE == Greg. Calendar 25 Jan. 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

MARCH 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 7 58	4♓ 0'57	13♓44	10♒19	17♉51	4♒ 8	23♒26	4°R49	19♐52	22♒47	5♈37	11°R33	12♏53	12♏42	n.a.	S 1
M 2	10 11 55	4°59'55	28° 5	10°36	18°53	4°55	23°40	4♍44	19°53	22°49	5°38	11♏25	12°49	12°48	n.a.	M 2
T 3	10 15 51	5°58'51	12♈31	10°58	19°56	5°42	23°54	4°40	19°55	22°51	5°40	11°19	12°46	12°55	n.a.	T 3
W 4	10 19 48	6°57'45	26°57	11°24	20°58	6°28	24° 9	4°35	19°56	22°53	5°41	11°16	12°43	13° 2	n.a.	W 4
T 5	10 23 44	7°56'36	11♉19	11°55	22° 1	7°15	24°23	4°30	19°57	22°56	5°42	11°D16	12°40	13° 8	n.a.	T 5
F 6	10 27 41	8°55'25	25°34	12°31	23° 5	8° 2	24°37	4°26	19°59	22°58	5°43	11°16	12°37	13°15	n.a.	F 6
S 7	10 31 37	9°54'11	9♊40	13°10	24° 8	8°48	24°51	4°21	20° 0	23° 0	5°45	11°R17	12°34	13°22	n.a.	S 7
S 8	10 35 34	10°52'55	23°36	13°52	25°12	9°35	25° 5	4°17	20° 1	23° 2	5°46	11°16	12°30	13°28	n.a.	S 8
M 9	10 39 30	11°51'37	7♋21	14°39	26°15	10°21	25°20	4°12	20° 2	23° 4	5°47	11°13	12°27	13°35	n.a.	M 9
T 10	10 43 27	12°50'16	20°57	15°29	27°20	11° 8	25°34	4° 8	20° 3	23° 6	5°48	11° 8	12°24	13°42	n.a.	T 10
W11	10 47 24	13°48'53	4♌22	16°22	28°24	11°54	25°48	4° 3	20° 5	23° 9	5°50	11° 1	12°21	13°48	n.a.	W11
T 12	10 51 20	14°47'28	17°34	17°18	29°28	12°40	26° 2	3°59	20° 6	23°11	5°51	10°52	12°18	13°55	n.a.	T 12
F 13	10 55 17	15°46'01	0♍34	18°17	0♒33	13°27	26°16	3°54	20° 7	23°13	5°52	10°42	12°14	14° 2	n.a.	F 13
S 14	10 59 13	16°44'31	13°21	19°19	1°38	14°13	26°30	3°50	20° 7	23°15	5°53	10°32	12°11	14° 8	n.a.	S 14
S 15	11 3 10	17°42'59	25°54	20°23	2°43	14°59	26°44	3°45	20° 8	23°17	5°55	10°24	12° 8	14°15	n.a.	S 15
M16	11 7 6	18°41'25	8♎13	21°30	3°48	15°46	26°58	3°41	20° 9	23°19	5°56	10°17	12° 5	14°21	n.a.	M16
T 17	11 11 3	19°39'50	20°20	22°40	4°54	16°32	27°12	3°36	20°10	23°21	5°57	10°13	12° 2	14°28	n.a.	T 17
W18	11 14 59	20°38'12	2♏18	23°52	5°59	17°18	27°25	3°32	20°11	23°23	5°59	10°11	11°59	14°35	n.a.	W18
T 19	11 18 56	21°36'33	14° 8	25° 6	7° 5	18° 4	27°39	3°28	20°11	23°25	6° 0	10°D10	11°55	14°41	n.a.	T 19
F 20	11 22 53	22°34'52	25°56	26°23	8°11	18°51	27°53	3°24	20°12	23°28	6° 1	10°11	11°52	14°48	n.a.	F 20
S 21	11 26 49	23°33'10	7♐45	27°41	9°17	19°37	28° 7	3°19	20°13	23°30	6° 3	10°13	11°49	14°55	n.a.	S 21
S 22	11 30 46	24°31'26	19°41	29° 2	10°23	20°23	28°20	3°15	20°13	23°32	6° 4	10°R14	11°46	15° 1	n.a.	S 22
M23	11 34 42	25°29'40	1♑50	0♓25	11°30	21° 9	28°34	3°11	20°14	23°34	6° 5	10°14	11°43	15° 8	n.a.	M23
T 24	11 38 39	26°27'53	14°15	1°50	12°36	21°55	28°48	3° 7	20°14	23°36	6° 7	10°12	11°40	15°15	n.a.	T 24
W25	11 42 35	27°26'03	27° 1	3°17	13°43	22°41	29° 1	3° 3	20°14	23°38	6° 8	10° 9	11°36	15°21	n.a.	W25
T 26	11 46 32	28°24'13	10♒12	4°46	14°50	23°27	29°15	2°59	20°15	23°39	6° 9	10° 4	11°33	15°28	n.a.	T 26
F 27	11 50 28	29°22'21	23°50	6°17	15°57	24°13	29°28	2°55	20°15	23°41	6°11	9°57	11°30	15°35	n.a.	F 27
S 28	11 54 25	0♈20'27	7♓52	7°49	17° 4	24°59	29°42	2°51	20°15	23°43	6°12	9°51	11°27	15°41	n.a.	S 28
S 29	11 58 21	1°18'31	22°16	9°24	18°11	25°45	29°55	2°48	20°15	23°45	6°14	9°45	11°24	15°48	n.a.	S 29
M30	12 2 18	2°16'34	6♈56	11° 0	19°19	26°30	0♓ 8	2°44	20°15	23°47	6°15	9°41	11°20	15°54	n.a.	M30
T 31	12 6 15	3♈14'34	21♈46	12♓39	20♒26	27♒16	0♓22	2♍40	20♐16	23♒49	6♈16	9♏38	11♏17	16♏ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	10s10	2s32	4n17	17s31	0n24	20s54	1n40	20s36	1s 9	14s57	1s 7	12n16	2n35	23s35	0s13	15s16	1s14	12s17	15s54	15s30	15s55	15s53			n.a.
M 2	9 48	2n25	3 29	17 39	0 11	20 52	1 34	20 25	1 9	14 52	1 7	12 18	2 35	23 35	0 13	15 15	1 14	12 17	15 54	15 28	15 54	15 54			n.a.
T 3	9 27	7 16	2 27	17 46	0s 3	20 48	1 29	20 14	1 10	14 47	1 7	12 20	2 35	23 35	0 13	15 15	1 14	12 16	15 54	15 26	15 53	15 55			n.a.
W 4	9 4	11 42	1 16	17 50	0 15	20 44	1 23	20 2	1 10	14 43	1 7	12 21	2 35	23 36	0 13	15 14	1 14	12 16	15 54	15 25	15 52	15 56			n.a.
T 5	8 42	15 26	0s 0	17 53	0 28	20 40	1 18	19 51	1 10	14 38	1 7	12 23	2 35	23 36	0 13	15 13	1 14	12 15	15 54	15 25	15 51	15 57			n.a.
F 6	8 20	18 11	1 16	17 55	0 39	20 35	1 12	19 39	1 11	14 33	1 7	12 25	2 35	23 36	0 13	15 13	1 14	12 14	15 54	15 25	15 50	15 59			n.a.
S 7	7 58	19 48	2 26	17 54	0 50	20 29	1 7	19 27	1 11	14 28	1 8	12 27	2 35	23 36	0 13	15 12	1 14	12 14	15 53	15 25	15 49	16 0			n.a.
S 8	7 35	20 11	3 26	17 52	1 1	20 23	1 1	19 14	1 11	14 24	1 8	12 28	2 35	23 36	0 13	15 11	1 14	12 13	15 53	15 25	15 48	16 1			n.a.
M 9	7 13	19 20	4 14	17 48	1 11	20 16	0 56	19 2	1 11	14 19	1 8	12 30	2 35	23 36	0 13	15 10	1 14	12 12	15 53	15 24	15 47	16 2			n.a.
T 10	6 50	17 23	4 47	17 42	1 20	20 9	0 51	18 49	1 12	14 14	1 8	12 32	2 35	23 36	0 13	15 10	1 14	12 12	15 53	15 22	15 46	16 3			n.a.
W11	6 27	14 31	5 3	17 34	1 29	20 1	0 46	18 36	1 12	14 9	1 8	12 33	2 35	23 36	0 13	15 9	1 14	12 11	15 53	15 20	15 45	16 4			n.a.
T 12	6 4	10 58	5 3	17 25	1 38	19 53	0 41	18 23	1 12	14 5	1 8	12 35	2 35	23 36	0 13	15 8	1 14	12 10	15 53	15 17	15 44	16 6			n.a.
F 13	5 41	6 57	4 47	17 14	1 45	19 44	0 36	18 10	1 12	14 0	1 8	12 37	2 35	23 37	0 13	15 8	1 14	12 10	15 52	15 14	15 43	16 7			n.a.
S 14	5 18	2 41	4 17	17 1	1 53	19 34	0 31	17 57	1 13	13 55	1 8	12 38	2 35	23 37	0 13	15 7	1 14	12 9	15 52	15 11	15 42	16 8			n.a.
S 15	4 55	1s38	3 35	16 46	1 59	19 24	0 26	17 43	1 13	13 50	1 8	12 40	2 35	23 37	0 13	15 6	1 14	12 9	15 52	15 8	15 41	16 9			n.a.
M16	4 32	5 48	2 43	16 30	2 5	19 14	0 21	17 29	1 13	13 46	1 8	12 42	2 35	23 37	0 13	15 6	1 14	12 8	15 52	15 6	15 40	16 10			n.a.
T 17	4 9	9 40	1 45	16 12	2 11	19 3	0 16	17 16	1 13	13 41	1 8	12 43	2 35	23 37	0 13	15 5	1 14	12 7	15 52	15 5	15 39	16 11			n.a.
W18	3 46	13 6	0 42	15 53	2 16	18 51	0 11	17 1	1 13	13 36	1 9	12 45	2 35	23 37	0 13	15 4	1 14	12 7	15 52	15 4	15 38	16 13			n.a.
T 19	3 22	15 58	0n21	15 31	2 20	18 39	0 7	16 47	1 14	13 32	1 9	12 46	2 35	23 37	0 13	15 4	1 14	12 6	15 52	15 4	15 37	16 14			n.a.
F 20	2 59	18 8	1 24	15 8	2 24	18 26	0 2	16 33	1 14	13 27	1 9	12 48	2 35	23 37	0 13	15 3	1 14	12 5	15 52	15 4	15 36	16 15			n.a.
S 21	2 36	19 32	2 24	14 44	2 27	18 13	0s 2	16 18	1 14	13 22	1 9	12 49	2 35	23 37	0 13	15 2	1 14	12 5	15 52	15 5	15 35	16 16			n.a.
S 22	2 12	20 5	3 18	14 18	2 29	17 59	0 7	16 4	1 14	13 17	1 9	12 51	2 35	23 37	0 13	15 2	1 14	12 4	15 51	15 5	15 34	16 17			n.a.
M23	1 49	19 42	4 4	13 50	2 32	17 45	0 11	15 49	1 14	13 13	1 9	12 52	2 34	23 37	0 13	15 1	1 14	12 4	15 51	15 5	15 33	16 18			n.a.
T 24	1 25	18 22	4 39	13 21	2 33	17 30	0 15	15 34	1 14	13 8	1 9	12 54	2 34	23 37	0 13	15 0	1 14	12 3	15 51	15 5	15 32	16 19			n.a.
W25	1 2	16 6	5 2	12 50	2 34	17 15	0 19	15 19	1 15	13 3	1 9	12 55	2 34	23 37	0 13	15 0	1 14	12 2	15 51	15 4	15 31	16 20			n.a.
T 26	0 39	12 57	5 10	12 17	2 34	16 59	0 24	15 4	1 15	12 59	1 10	12 56	2 34	23 37	0 13	14 59	1 14	12 2	15 51	15 2	15 30	16 22			n.a.
F 27	0 15	9 2	5 1	11 43	2 34	16 43	0 28	14 48	1 15	12 54	1 10	12 58	2 34	23 37	0 13	14 59	1 14	12 1	15 51	15 0	15 29	16 23			n.a.
S 28	0n 8	4 30	4 34	11 7	2 33	16 26	0 32	14 33	1 15	12 49	1 10	12 59	2 34	23 38	0 13	14 58	1 14	12 1	15 51	14 58	15 28	16 24			n.a.
S 29	0 32	0n24	3 49	10 30	2 32	16 9	0 35	14 17	1 15	12 45	1 10	13 0	2 34	23 38	0 13	14 57	1 14	12 0	15 51	14 56	15 27	16 25			n.a.
M30	0 55	5 22	2 49	9 51	2 30	15 51	0 39	14 2	1 15	12 40	1 10	13 2	2 34	23 38	0 13	14 57	1 15	11 59	15 51	14 55	15 26	16 26			n.a.
T 31	1n18	10n 4	1n36	9s10	2s28	15s33	0s43	13s46	1s15	12s35	1s10	13n 3	2n34	23s38	0s13	14s56	1s15	11s59	15s51	14s54	15s25	16s27			n.a.

Julian Day Number = 1497949.5, Delta T = 05h09m16s
Ecliptic obliquity = 23°46'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'24, Lahiri = -12°24'24 Julian Calendar 1 March 612 BCE == Greg. Calendar 22 Feb. 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

APRIL 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 10 11	4♈12'33	6♉36	14♓19	21♒34	28♒ 2	0♓35	2°R37	20°R16	23♒51	6♈18	9°D37	11♏14	16♏ 8	n.a.	W 1
T 2	12 14 8	5°10'31	21°21	16° 1	22°41	28°48	0°48	2♍33	20♐16	23°53	6°19	9♏37	11°11	16°14	n.a.	T 2
F 3	12 18 4	6° 8'26	5♊54	17°45	23°49	29°33	1° 1	2°30	20°15	23°54	6°20	9°38	11° 8	16°21	n.a.	F 3
S 4	12 22 1	7° 6'19	20°11	19°31	24°57	0♓19	1°14	2°26	20°15	23°56	6°22	9°40	11° 5	16°28	n.a.	S 4
S 5	12 25 57	8° 4'11	4♋12	21°19	26° 5	1° 4	1°27	2°23	20°15	23°58	6°23	9°R41	11° 1	16°34	n.a.	S 5
M 6	12 29 54	9° 2'01	17°54	23° 9	27°13	1°50	1°40	2°20	20°15	24° 0	6°24	9°40	10°58	16°41	n.a.	M 6
T 7	12 33 50	9°59'48	1♌19	25° 1	28°21	2°35	1°53	2°17	20°15	24° 1	6°26	9°39	10°55	16°48	n.a.	T 7
W 8	12 37 47	10°57'34	14°28	26°54	29°29	3°21	2° 6	2°13	20°14	24° 3	6°27	9°36	10°52	16°54	n.a.	W 8
T 9	12 41 44	11°55'18	27°22	28°49	0♓38	4° 6	2°18	2°10	20°14	24° 5	6°29	9°32	10°49	17° 1	n.a.	T 9
F 10	12 45 40	12°53'00	10♍ 2	0♈47	1°46	4°52	2°31	2° 8	20°14	24° 6	6°30	9°28	10°45	17° 8	n.a.	F 10
S 11	12 49 37	13°50'41	22°30	2°46	2°55	5°37	2°44	2° 5	20°13	24° 8	6°31	9°24	10°42	17°14	n.a.	S 11
S 12	12 53 33	14°48'20	4♎46	4°47	4° 3	6°22	2°56	2° 2	20°13	24°10	6°33	9°20	10°39	17°21	n.a.	S 12
M13	12 57 30	15°45'57	16°52	6°49	5°12	7° 7	3° 8	1°59	20°12	24°11	6°34	9°17	10°36	17°28	n.a.	M13
T 14	13 1 26	16°43'34	28°51	8°53	6°21	7°52	3°21	1°57	20°11	24°13	6°35	9°16	10°33	17°34	n.a.	T 14
W15	13 5 23	17°41'08	10♏43	10°59	7°30	8°37	3°33	1°54	20°11	24°14	6°37	9°D15	10°30	17°41	n.a.	W15
T 16	13 9 19	18°38'42	22°31	13° 6	8°39	9°22	3°45	1°52	20°10	24°16	6°38	9°16	10°26	17°47	n.a.	T 16
F 17	13 13 16	19°36'15	4♐19	15°14	9°48	10° 7	3°57	1°49	20° 9	24°17	6°39	9°17	10°23	17°54	n.a.	F 17
S 18	13 17 13	20°33'46	16° 9	17°24	10°57	10°52	4°10	1°47	20° 8	24°19	6°41	9°19	10°20	18° 1	n.a.	S 18
S 19	13 21 9	21°31'16	28° 6	19°34	12° 6	11°37	4°21	1°45	20° 8	24°20	6°42	9°20	10°17	18° 7	n.a.	S 19
M20	13 25 6	22°28'46	10♑15	21°45	13°15	12°22	4°33	1°43	20° 7	24°22	6°43	9°21	10°14	18°14	n.a.	M20
T 21	13 29 2	23°26'14	22°39	23°56	14°25	13° 7	4°45	1°41	20° 6	24°23	6°45	9°R22	10°11	18°21	n.a.	T 21
W22	13 32 59	24°23'41	5♒22	26° 8	15°34	13°52	4°57	1°39	20° 5	24°24	6°46	9°21	10° 7	18°27	n.a.	W22
T 23	13 36 55	25°21'08	18°30	28°19	16°44	14°36	5° 9	1°37	20° 4	24°26	6°47	9°20	10° 4	18°34	n.a.	T 23
F 24	13 40 52	26°18'33	2♓ 3	0♉30	17°53	15°21	5°20	1°35	20° 3	24°27	6°49	9°19	10° 1	18°41	n.a.	F 24
S 25	13 44 48	27°15'58	16° 4	2°40	19° 3	16° 6	5°32	1°33	20° 2	24°28	6°50	9°17	9°58	18°47	n.a.	S 25
S 26	13 48 45	28°13'22	0♈30	4°50	20°13	16°50	5°43	1°32	20° 0	24°30	6°51	9°16	9°55	18°54	n.a.	S 26
M27	13 52 41	29°10'45	15°17	6°58	21°22	17°34	5°54	1°30	19°59	24°31	6°53	9°15	9°51	19° 1	n.a.	M27
T 28	13 56 38	0♉ 8'07	0♉18	9° 5	22°32	18°19	6° 6	1°29	19°58	24°32	6°54	9°15	9°48	19° 7	n.a.	T 28
W29	14 0 35	1° 5'28	15°25	11°10	23°42	19° 3	6°17	1°28	19°57	24°33	6°55	9°D15	9°45	19°14	n.a.	W29
T 30	14 4 31	2♉ 2'48	0♊28	13♉13	24♓52	19♓48	6♓28	1♍27	19♐55	24♒34	6♈56	9♏15	9♏42	19♏21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n42	14n10	0n16	8s28	2s25	15s14	0s46	13s30	1s15	12s31	1s10	13n 4	2n34	23s38	0s13	14s56	1s15	11s58	15s51	14s53	15s24	16s28		n.a.
T 2	2 5	17 19	1s 4	7 45	2 21	14 55	0 50	13 14	1 15	12 26	1 10	13 5	2 34	23 38	0 13	14 55	1 15	11 58	15 51	14 54	15 23	16 29		n.a.
F 3	2 28	19 18	2 19	7 0	2 17	14 36	0 53	12 58	1 15	12 22	1 11	13 6	2 33	23 38	0 13	14 54	1 15	11 57	15 51	14 54	15 22	16 30		n.a.
S 4	2 51	20 1	3 24	6 14	2 12	14 16	0 57	12 41	1 16	12 17	1 11	13 8	2 33	23 38	0 13	14 54	1 15	11 57	15 51	14 54	15 21	16 31		n.a.
S 5	3 15	19 27	4 15	5 26	2 7	13 56	1 0	12 25	1 16	12 12	1 11	13 9	2 33	23 38	0 13	14 53	1 15	11 56	15 51	14 55	15 20	16 33		n.a.
M 6	3 38	17 44	4 51	4 37	2 1	13 35	1 3	12 9	1 16	12 8	1 11	13 10	2 33	23 38	0 14	14 53	1 15	11 56	15 51	14 55	15 19	16 34		n.a.
T 7	4 1	15 6	5 10	3 46	1 55	13 14	1 6	11 52	1 16	12 3	1 11	13 11	2 33	23 38	0 14	14 52	1 15	11 55	15 51	14 54	15 18	16 35		n.a.
W 8	4 24	11 44	5 12	2 54	1 48	12 53	1 9	11 35	1 16	11 59	1 11	13 12	2 33	23 38	0 14	14 52	1 15	11 54	15 51	14 53	15 17	16 36		n.a.
T 9	4 47	7 53	4 58	2 1	1 41	12 31	1 12	11 19	1 16	11 54	1 12	13 13	2 33	23 38	0 14	14 51	1 15	11 54	15 51	14 52	15 16	16 37		n.a.
F 10	5 9	3 45	4 30	1 7	1 33	12 9	1 15	11 2	1 16	11 50	1 12	13 14	2 33	23 38	0 14	14 51	1 15	11 53	15 51	14 51	15 15	16 38		n.a.
S 11	5 32	0s29	3 50	0 11	1 25	11 46	1 17	10 45	1 16	11 46	1 12	13 15	2 32	23 38	0 14	14 50	1 15	11 53	15 51	14 49	15 14	16 39		n.a.
S 12	5 55	4 39	2 59	0n45	1 17	11 23	1 20	10 28	1 16	11 41	1 12	13 16	2 32	23 38	0 14	14 50	1 15	11 52	15 51	14 48	15 13	16 40		n.a.
M13	6 17	8 34	2 0	1 43	1 8	11 0	1 22	10 11	1 16	11 37	1 12	13 16	2 32	23 38	0 14	14 49	1 15	11 52	15 51	14 47	15 12	16 41		n.a.
T 14	6 40	12 6	0 57	2 41	0 58	10 37	1 25	9 54	1 16	11 32	1 12	13 17	2 32	23 38	0 14	14 49	1 15	11 51	15 51	14 47	15 11	16 42		n.a.
W15	7 2	15 7	0n 8	3 40	0 49	10 13	1 27	9 37	1 16	11 28	1 13	13 18	2 32	23 38	0 14	14 48	1 15	11 51	15 51	14 47	15 10	16 43		n.a.
T 16	7 24	17 29	1 13	4 39	0 39	9 49	1 29	9 20	1 16	11 24	1 13	13 19	2 32	23 37	0 14	14 48	1 15	11 50	15 51	14 47	15 9	16 44		n.a.
F 17	7 46	19 6	2 14	5 39	0 28	9 24	1 31	9 2	1 16	11 19	1 13	13 19	2 32	23 37	0 14	14 47	1 15	11 50	15 51	14 47	15 8	16 45		n.a.
S 18	8 8	19 53	3 10	6 39	0 18	9 0	1 33	8 45	1 16	11 15	1 13	13 20	2 31	23 37	0 14	14 47	1 15	11 49	15 51	14 48	15 7	16 46		n.a.
S 19	8 30	19 47	3 59	7 39	0 7	8 35	1 35	8 28	1 16	11 11	1 13	13 21	2 31	23 37	0 14	14 46	1 15	11 49	15 51	14 48	15 6	16 47		n.a.
M20	8 52	18 46	4 37	8 38	0n 3	8 9	1 37	8 10	1 15	11 6	1 13	13 21	2 31	23 37	0 14	14 46	1 15	11 48	15 51	14 48	15 5	16 48		n.a.
T 21	9 13	16 51	5 4	9 37	0 14	7 44	1 39	7 53	1 15	11 2	1 14	13 22	2 31	23 37	0 14	14 45	1 15	11 48	15 51	14 48	15 4	16 49		n.a.
W22	9 35	14 5	5 16	10 36	0 24	7 18	1 40	7 35	1 15	10 58	1 14	13 23	2 31	23 37	0 14	14 45	1 15	11 48	15 51	14 48	15 3	16 50		n.a.
T 23	9 56	10 32	5 13	11 34	0 35	6 52	1 42	7 18	1 15	10 54	1 14	13 23	2 31	23 37	0 14	14 45	1 15	11 47	15 51	14 48	15 2	16 51		n.a.
F 24	10 17	6 20	4 52	12 30	0 45	6 26	1 43	7 0	1 15	10 50	1 14	13 23	2 30	23 37	0 14	14 44	1 16	11 47	15 52	14 48	15 1	16 52		n.a.
S 25	10 38	1 40	4 14	13 25	0 54	6 0	1 45	6 42	1 15	10 46	1 14	13 24	2 30	23 37	0 14	14 44	1 16	11 46	15 52	14 47	15 0	16 53		n.a.
S 26	10 59	3n14	3 19	14 18	1 4	5 33	1 46	6 25	1 15	10 42	1 15	13 24	2 30	23 37	0 14	14 43	1 16	11 46	15 52	14 47	14 59	16 54		n.a.
M27	11 20	8 5	2 9	15 10	1 13	5 6	1 47	6 7	1 15	10 38	1 15	13 25	2 30	23 37	0 14	14 43	1 16	11 45	15 52	14 46	14 58	16 55		n.a.
T 28	11 40	12 30	0 50	16 0	1 21	4 39	1 48	5 49	1 15	10 34	1 15	13 25	2 30	23 37	0 14	14 43	1 16	11 45	15 52	14 46	14 57	16 56		n.a.
W29	12 1	16 8	0s34	16 47	1 29	4 12	1 49	5 32	1 14	10 30	1 15	13 25	2 29	23 37	0 14	14 42	1 16	11 45	15 52	14 46	14 56	16 57		n.a.
T 30	12n21	18n39	1s55	17n33	1n36	3s45	1s50	5s14	1s14	10s26	1s15	13n26	2n29	23s37	0s14	14s42	1s16	11s44	15s52	14s46	14s55	16s58		n.a.

Julian Day Number = 1497980.5, Delta T = 05h09m15s
Ecliptic obliquity = 23°46'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'20, Lahiri = -12°24'20 Julian Calendar 1 Apr. 612 BCE == Greg. Calendar 25 March 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

MAY 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 8 28	3♉ 0'07	15♊21	15♉15	26♓ 2	20♓32	6♓39	1°R26	19°R54	24♒35	6♈58	9♏15	9♏39	19♏27	n.a.	F 1
S 2	14 12 24	3°57'25	29°55	17°14	27°12	21°16	6°49	1♍25	19♐53	24°36	6°59	9°16	9°36	19°34	n.a.	S 2
S 3	14 16 21	4°54'42	14♋ 7	19°11	28°22	22° 0	7° 0	1°24	19°51	24°37	7° 0	9°16	9°32	19°40	n.a.	S 3
M 4	14 20 17	5°51'58	27°55	21° 6	29°33	22°44	7°11	1°23	19°50	24°38	7° 1	9°16	9°29	19°47	n.a.	M 4
T 5	14 24 14	6°49'13	11♌20	22°58	0♈43	23°28	7°21	1°22	19°48	24°39	7° 3	9°R16	9°26	19°54	n.a.	T 5
W 6	14 28 11	7°46'26	24°23	24°48	1°53	24°12	7°32	1°22	19°47	24°40	7° 4	9°16	9°23	20° 0	n.a.	W 6
T 7	14 32 7	8°43'39	7♍ 6	26°35	3° 3	24°56	7°42	1°21	19°45	24°41	7° 5	9°16	9°20	20° 7	n.a.	T 7
F 8	14 36 4	9°40'50	19°34	28°20	4°14	25°40	7°52	1°21	19°43	24°42	7° 6	9°D16	9°17	20°14	n.a.	F 8
S 9	14 40 0	10°38'01	1♎47	0♊ 3	5°24	26°23	8° 2	1°20	19°42	24°43	7° 7	9°16	9°13	20°20	n.a.	S 9
S 10	14 43 57	11°35'11	13°51	1°43	6°35	27° 7	8°12	1°20	19°40	24°44	7° 8	9°17	9°10	20°27	n.a.	S 10
M11	14 47 53	12°32'20	25°47	3°20	7°45	27°51	8°22	1°D20	19°38	24°45	7°10	9°17	9° 7	20°34	n.a.	M11
T 12	14 51 50	13°29'28	7♏38	4°55	8°56	28°34	8°32	1°20	19°37	24°45	7°11	9°R17	9° 4	20°40	n.a.	T 12
W13	14 55 46	14°26'37	19°27	6°27	10° 7	29°18	8°41	1°20	19°35	24°46	7°12	9°17	9° 1	20°47	n.a.	W13
T 14	14 59 43	15°23'44	1♐15	7°56	11°17	0♈ 1	8°51	1°21	19°33	24°47	7°13	9°16	8°57	20°54	n.a.	T 14
F 15	15 3 40	16°20'51	13° 5	9°23	12°28	0°44	9° 0	1°21	19°31	24°48	7°14	9°16	8°54	21° 0	n.a.	F 15
S 16	15 7 36	17°17'58	24°59	10°47	13°39	1°28	9°10	1°21	19°29	24°48	7°15	9°15	8°51	21° 7	n.a.	S 16
S 17	15 11 33	18°15'05	7♑ 1	12° 9	14°50	2°11	9°19	1°22	19°27	24°49	7°16	9°14	8°48	21°14	n.a.	S 17
M18	15 15 29	19°12'11	19°13	13°27	16° 1	2°54	9°28	1°22	19°25	24°49	7°17	9°12	8°45	21°20	n.a.	M18
T 19	15 19 26	20° 9'18	1♒39	14°43	17°12	3°37	9°37	1°23	19°23	24°50	7°18	9°12	8°42	21°27	n.a.	T 19
W20	15 23 22	21° 6'24	14°22	15°56	18°23	4°20	9°46	1°24	19°21	24°51	7°19	9°11	8°38	21°33	n.a.	W20
T 21	15 27 19	22° 3'30	27°25	17° 7	19°34	5° 3	9°54	1°25	19°19	24°51	7°20	9°D11	8°35	21°40	n.a.	T 21
F 22	15 31 15	23° 0'37	10♓52	18°14	20°45	5°46	10° 3	1°26	19°17	24°51	7°21	9°11	8°32	21°47	n.a.	F 22
S 23	15 35 12	23°57'43	24°43	19°18	21°56	6°29	10°11	1°27	19°15	24°52	7°22	9°12	8°29	21°53	n.a.	S 23
S 24	15 39 9	24°54'50	9♈ 0	20°19	23° 7	7°11	10°19	1°28	19°13	24°52	7°23	9°14	8°26	22° 0	n.a.	S 24
M25	15 43 5	25°51'56	23°40	21°17	24°18	7°54	10°28	1°29	19°11	24°53	7°24	9°14	8°22	22° 7	n.a.	M25
T 26	15 47 2	26°49'03	8♉38	22°11	25°30	8°37	10°36	1°31	19° 9	24°53	7°25	9°R15	8°19	22°13	n.a.	T 26
W27	15 50 58	27°46'10	23°47	23° 2	26°41	9°19	10°43	1°32	19° 7	24°53	7°26	9°14	8°16	22°20	n.a.	W27
T 28	15 54 55	28°43'17	8♊58	23°50	27°52	10° 2	10°51	1°34	19° 4	24°54	7°27	9°13	8°13	22°27	n.a.	T 28
F 29	15 58 51	29°40'24	24° 2	24°34	29° 4	10°44	10°59	1°35	19° 2	24°54	7°28	9°11	8°10	22°33	n.a.	F 29
S 30	16 2 48	0♊37'30	8♋49	25°14	0♉15	11°26	11° 6	1°37	19° 0	24°54	7°29	9° 8	8° 7	22°40	n.a.	S 30
S 31	16 6 44	1♊34'37	23♋13	25♊50	1♉27	12♈ 9	11♓13	1♍39	18♐58	24♒54	7♈30	9♏ 5	8♏ 3	22♏47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n41	19n51	3s 8	18n16	1n43	3s17	1s51	4s56	1s14	10s22	1s16	13n26	2n29	23s37	0s14	14s42	1s16	11s44	15s52	14s47	14s54	16s59		n.a.
S 2	13 1	19 40	4 6	18 57	1 49	2 50	1 52	4 38	1 14	10 18	1 16	13 26	2 29	23 36	0 14	14 41	1 16	11 43	15 52	14 47	14 53	17 0		n.a.
S 3	13 20	18 14	4 48	19 35	1 54	2 22	1 52	4 21	1 14	10 14	1 16	13 26	2 29	23 36	0 14	14 41	1 16	11 43	15 52	14 47	14 52	17 1		n.a.
M 4	13 39	15 46	5 12	20 11	1 59	1 54	1 53	4 3	1 14	10 10	1 16	13 26	2 28	23 36	0 14	14 41	1 16	11 43	15 53	14 47	14 51	17 2		n.a.
T 5	13 59	12 31	5 18	20 45	2 3	1 26	1 53	3 45	1 14	10 6	1 17	13 26	2 28	23 36	0 14	14 40	1 16	11 42	15 53	14 47	14 50	17 3		n.a.
W 6	14 18	8 45	5 7	21 16	2 6	0 58	1 54	3 27	1 13	10 3	1 17	13 26	2 28	23 36	0 14	14 40	1 16	11 42	15 53	14 47	14 49	17 4		n.a.
T 7	14 36	4 40	4 41	21 45	2 9	0 30	1 54	3 9	1 13	9 59	1 17	13 26	2 28	23 36	0 14	14 40	1 16	11 42	15 53	14 47	14 48	17 5		n.a.
F 8	14 55	0 28	4 3	22 11	2 11	0 2	1 54	2 52	1 13	9 55	1 17	13 26	2 28	23 36	0 14	14 40	1 16	11 41	15 53	14 47	14 47	17 6		n.a.
S 9	15 13	3s41	3 14	22 35	2 12	0n26	1 54	2 34	1 13	9 52	1 17	13 26	2 27	23 36	0 14	14 39	1 16	11 41	15 53	14 47	14 46	17 7		n.a.
S 10	15 31	7 38	2 17	22 56	2 12	0 54	1 54	2 16	1 12	9 48	1 18	13 26	2 27	23 36	0 14	14 39	1 16	11 41	15 54	14 47	14 45	17 8		n.a.
M11	15 49	11 15	1 14	23 16	2 12	1 22	1 54	1 58	1 12	9 45	1 18	13 26	2 27	23 36	0 14	14 39	1 16	11 40	15 54	14 47	14 44	17 9		n.a.
T 12	16 6	14 23	0 9	23 33	2 10	1 51	1 54	1 41	1 12	9 41	1 18	13 26	2 27	23 35	0 14	14 39	1 16	11 40	15 54	14 47	14 43	17 10		n.a.
W13	16 23	16 56	0n56	23 48	2 9	2 19	1 54	1 23	1 12	9 38	1 18	13 25	2 27	23 35	0 14	14 39	1 16	11 40	15 54	14 47	14 42	17 11		n.a.
T 14	16 40	18 45	1 59	24 0	2 6	2 47	1 53	1 5	1 11	9 34	1 19	13 25	2 26	23 35	0 14	14 38	1 17	11 40	15 54	14 47	14 41	17 12		n.a.
F 15	16 57	19 45	2 57	24 11	2 3	3 16	1 53	0 47	1 11	9 31	1 19	13 25	2 26	23 35	0 14	14 38	1 17	11 39	15 54	14 47	14 40	17 13		n.a.
S 16	17 14	19 53	3 48	24 20	1 59	3 44	1 53	0 30	1 11	9 28	1 19	13 24	2 26	23 35	0 14	14 38	1 17	11 39	15 55	14 46	14 39	17 14		n.a.
S 17	17 30	19 6	4 29	24 27	1 54	4 12	1 52	0 12	1 11	9 24	1 19	13 24	2 26	23 35	0 14	14 38	1 17	11 39	15 55	14 46	14 38	17 15		n.a.
M18	17 46	17 27	4 58	24 32	1 49	4 40	1 51	0n 6	1 10	9 21	1 20	13 24	2 26	23 35	0 14	14 38	1 17	11 39	15 55	14 46	14 37	17 15		n.a.
T 19	18 1	14 57	5 14	24 35	1 43	5 8	1 51	0 23	1 10	9 18	1 20	13 23	2 25	23 34	0 14	14 38	1 17	11 38	15 55	14 45	14 36	17 16		n.a.
W20	18 17	11 43	5 16	24 37	1 37	5 37	1 50	0 41	1 10	9 15	1 20	13 23	2 25	23 34	0 14	14 37	1 17	11 38	15 55	14 45	14 35	17 17		n.a.
T 21	18 32	7 49	5 1	24 37	1 29	6 5	1 49	0 58	1 10	9 12	1 20	13 22	2 25	23 34	0 14	14 37	1 17	11 38	15 56	14 45	14 33	17 18		n.a.
F 22	18 47	3 26	4 30	24 35	1 22	6 32	1 48	1 16	1 9	9 9	1 21	13 22	2 25	23 34	0 14	14 37	1 17	11 38	15 56	14 45	14 32	17 19		n.a.
S 23	19 1	1n16	3 42	24 33	1 13	7 0	1 47	1 33	1 9	9 6	1 21	13 21	2 25	23 34	0 14	14 37	1 17	11 37	15 56	14 46	14 31	17 20		n.a.
S 24	19 15	6 3	2 40	24 28	1 4	7 28	1 46	1 51	1 9	9 3	1 21	13 20	2 24	23 34	0 14	14 37	1 17	11 37	15 56	14 46	14 30	17 21		n.a.
M25	19 29	10 38	1 25	24 23	0 54	7 56	1 45	2 8	1 8	9 0	1 21	13 20	2 24	23 33	0 14	14 37	1 17	11 37	15 56	14 46	14 29	17 22		n.a.
T 26	19 43	14 38	0 3	24 16	0 44	8 23	1 44	2 25	1 8	8 57	1 22	13 19	2 24	23 33	0 14	14 37	1 17	11 37	15 57	14 46	14 28	17 23		n.a.
W27	19 56	17 41	1s20	24 8	0 33	8 50	1 42	2 43	1 8	8 54	1 22	13 18	2 24	23 33	0 14	14 37	1 17	11 37	15 57	14 46	14 27	17 24		n.a.
T 28	20 9	19 31	2 37	23 59	0 21	9 17	1 41	3 0	1 7	8 52	1 22	13 18	2 23	23 33	0 14	14 37	1 17	11 37	15 57	14 46	14 26	17 24		n.a.
F 29	20 21	19 55	3 43	23 49	0 9	9 44	1 40	3 17	1 7	8 49	1 23	13 17	2 23	23 33	0 14	14 37	1 17	11 36	15 57	14 45	14 25	17 25		n.a.
S 30	20 34	18 56	4 32	23 38	0s 3	10 11	1 38	3 34	1 6	8 46	1 23	13 16	2 23	23 33	0 14	14 37	1 17	11 36	15 58	14 44	14 24	17 26		n.a.
S 31	20n46	16n45	5s 3	23n26	0s16	10n38	1s37	3n51	1s 6	8s44	1s23	13n15	2n23	23s32	0s14	14s37	1s17	11s36	15s58	14s43	14s23	17s27		n.a.

Julian Day Number = 1498010.5, Delta T = 05h09m13s
Ecliptic obliquity = 23°46'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'16, Lahiri = -12°24'16 Julian Calendar 1 May 612 BCE == Greg. Calendar 24 Apr. 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

JUNE 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 10 41	2♊31'44	7♌10	26♊23	2♉39	12♈51	11♓20	1♍41	18°R55	24♒54	7♈31	9°R 3	8♏ 0	22♏53	n.a.	M 1
T 2	16 14 38	3°28'50	20°40	26°51	3°50	13°33	11°27	1°43	18♐53	24°54	7°32	9♏ 1	7°57	23° 0	n.a.	T 2
W 3	16 18 34	4°25'56	3♍44	27°15	5° 2	14°15	11°34	1°45	18°51	24°54	7°33	9°D 1	7°54	23° 7	n.a.	W 3
T 4	16 22 31	5°23'02	16°25	27°34	6°13	14°57	11°41	1°47	18°49	24°R54	7°33	9° 1	7°51	23°13	n.a.	T 4
F 5	16 26 27	6°20'08	28°47	27°49	7°25	15°39	11°47	1°50	18°46	24°54	7°34	9° 3	7°48	23°20	n.a.	F 5
S 6	16 30 24	7°17'14	10♎54	27°59	8°37	16°20	11°54	1°52	18°44	24°54	7°35	9° 4	7°44	23°27	n.a.	S 6
S 7	16 34 20	8°14'20	22°50	28° 5	9°49	17° 2	12° 0	1°55	18°41	24°54	7°36	9° 6	7°41	23°33	n.a.	S 7
M 8	16 38 17	9°11'27	4♏41	28°R 5	11° 1	17°44	12° 6	1°57	18°39	24°54	7°36	9°R 7	7°38	23°40	n.a.	M 8
T 9	16 42 14	10° 8'33	16°28	28° 1	12°13	18°25	12°12	2° 0	18°37	24°54	7°37	9° 7	7°35	23°46	n.a.	T 9
W10	16 46 10	11° 5'40	28°16	27°52	13°25	19° 7	12°18	2° 3	18°34	24°54	7°38	9° 5	7°32	23°53	n.a.	W10
T 11	16 50 7	12° 2'48	10♐ 7	27°39	14°37	19°48	12°23	2° 6	18°32	24°54	7°39	9° 2	7°28	24° 0	n.a.	T 11
F 12	16 54 3	12°59'55	22° 3	27°21	15°49	20°29	12°29	2° 9	18°30	24°53	7°39	8°57	7°25	24° 6	n.a.	F 12
S 13	16 58 0	13°57'04	4♑ 6	26°58	17° 1	21°11	12°34	2°12	18°27	24°53	7°40	8°52	7°22	24°13	n.a.	S 13
S 14	17 1 56	14°54'13	16°17	26°32	18°13	21°52	12°39	2°15	18°25	24°53	7°41	8°45	7°19	24°20	n.a.	S 14
M15	17 5 53	15°51'23	28°39	26° 1	19°25	22°33	12°44	2°18	18°22	24°53	7°41	8°39	7°16	24°26	n.a.	M15
T 16	17 9 49	16°48'33	11♒12	25°28	20°37	23°14	12°48	2°21	18°20	24°52	7°42	8°34	7°13	24°33	n.a.	T 16
W17	17 13 46	17°45'45	24° 0	24°51	21°49	23°55	12°53	2°25	18°18	24°52	7°42	8°30	7° 9	24°40	n.a.	W17
T 18	17 17 43	18°42'57	7♓ 4	24°12	23° 2	24°35	12°57	2°28	18°15	24°51	7°43	8°28	7° 6	24°46	n.a.	T 18
F 19	17 21 39	19°40'10	20°27	23°31	24°14	25°16	13° 2	2°32	18°13	24°51	7°43	8°D27	7° 3	24°53	n.a.	F 19
S 20	17 25 36	20°37'25	4♈ 9	22°49	25°27	25°57	13° 6	2°35	18°10	24°51	7°44	8°28	7° 0	25° 0	n.a.	S 20
S 21	17 29 32	21°34'40	18°14	22° 6	26°39	26°37	13° 9	2°39	18° 8	24°50	7°44	8°29	6°57	25° 6	n.a.	S 21
M22	17 33 29	22°31'56	2♉39	21°24	27°52	27°18	13°13	2°43	18° 6	24°49	7°45	8°R30	6°54	25°13	n.a.	M22
T 23	17 37 25	23°29'14	17°22	20°43	29° 4	27°58	13°17	2°47	18° 3	24°49	7°45	8°30	6°50	25°20	n.a.	T 23
W24	17 41 22	24°26'33	2♊19	20° 4	0♊17	28°39	13°20	2°51	18° 1	24°48	7°46	8°28	6°47	25°26	n.a.	W24
T 25	17 45 18	25°23'53	17°23	19°28	1°29	29°19	13°23	2°55	17°58	24°48	7°46	8°24	6°44	25°33	n.a.	T 25
F 26	17 49 15	26°21'14	2♋23	18°54	2°42	29°59	13°26	2°59	17°56	24°47	7°47	8°18	6°41	25°40	n.a.	F 26
S 27	17 53 12	27°18'35	17°11	18°25	3°55	0♉39	13°29	3° 3	17°54	24°46	7°47	8°10	6°38	25°46	n.a.	S 27
S 28	17 57 8	28°15'58	1♌40	18° 0	5° 8	1°19	13°31	3° 7	17°51	24°46	7°47	8° 3	6°34	25°53	n.a.	S 28
M29	18 1 5	29°13'21	15°43	17°41	6°20	1°59	13°33	3°12	17°49	24°45	7°48	7°56	6°31	26° 0	n.a.	M29
T 30	18 5 1	0♋10'46	29♌18	17♊27	7♊33	2♉38	13♓36	3♍16	17♐47	24♒44	7♈48	7♏50	6♏28	26♏ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n57	13n39	5s15	23n14	0s29	11n 4	1s35	4n 8	1s 6	8s41	1s23	13n14	2n23	23s32	0s14	14s37	1s17	11s36	15s58	14s43	14s22	17s28		n.a.
T 2	21 8	9 55	5 9	23 0	0 43	11 30	1 33	4 25	1 5	8 39	1 24	13 13	2 22	23 32	0 14	14 37	1 18	11 36	15 58	14 42	14 21	17 29		n.a.
W 3	21 19	5 50	4 46	22 47	0 58	11 56	1 32	4 42	1 5	8 37	1 24	13 12	2 22	23 32	0 15	14 37	1 18	11 36	15 59	14 42	14 20	17 30		n.a.
T 4	21 30	1 35	4 11	22 33	1 12	12 22	1 30	4 59	1 4	8 34	1 24	13 11	2 22	23 32	0 15	14 37	1 18	11 36	15 59	14 42	14 19	17 31		n.a.
F 5	21 40	2s37	3 24	22 18	1 27	12 47	1 28	5 15	1 4	8 32	1 25	13 10	2 22	23 32	0 15	14 37	1 18	11 36	15 59	14 42	14 18	17 31		n.a.
S 6	21 49	6 39	2 29	22 3	1 42	13 12	1 26	5 32	1 4	8 30	1 25	13 9	2 22	23 31	0 15	14 37	1 18	11 36	15 59	14 43	14 17	17 32		n.a.
S 7	21 59	10 22	1 28	21 48	1 57	13 37	1 24	5 49	1 3	8 28	1 25	13 8	2 21	23 31	0 15	14 37	1 18	11 36	16 0	14 43	14 16	17 33		n.a.
M 8	22 8	13 38	0 24	21 33	2 12	14 2	1 22	6 5	1 3	8 26	1 25	13 7	2 21	23 31	0 15	14 37	1 18	11 36	16 0	14 44	14 15	17 34		n.a.
T 9	22 16	16 21	0n40	21 18	2 27	14 26	1 20	6 22	1 2	8 24	1 26	13 6	2 21	23 31	0 15	14 37	1 18	11 35	16 0	14 44	14 14	17 35		n.a.
W10	22 25	18 22	1 43	21 3	2 42	14 50	1 18	6 38	1 2	8 22	1 26	13 5	2 21	23 31	0 15	14 37	1 18	11 35	16 0	14 43	14 13	17 36		n.a.
T 11	22 33	19 36	2 42	20 48	2 57	15 14	1 16	6 54	1 1	8 20	1 26	13 3	2 21	23 30	0 15	14 37	1 18	11 35	16 1	14 42	14 12	17 36		n.a.
F 12	22 40	19 59	3 33	20 33	3 11	15 37	1 14	7 10	1 1	8 18	1 27	13 2	2 20	23 30	0 15	14 38	1 18	11 35	16 1	14 41	14 11	17 37		n.a.
S 13	22 47	19 26	4 16	20 19	3 25	16 0	1 12	7 26	1 0	8 16	1 27	13 1	2 20	23 30	0 15	14 38	1 18	11 35	16 1	14 39	14 10	17 38		n.a.
S 14	22 54	18 0	4 47	20 6	3 38	16 22	1 10	7 42	1 0	8 15	1 27	12 59	2 20	23 30	0 15	14 38	1 18	11 35	16 1	14 37	14 8	17 39		n.a.
M15	23 0	15 43	5 6	19 53	3 50	16 45	1 7	7 58	0 59	8 13	1 28	12 58	2 20	23 30	0 15	14 38	1 18	11 35	16 2	14 35	14 7	17 40		n.a.
T 16	23 6	12 41	5 10	19 41	4 1	17 6	1 5	8 14	0 59	8 11	1 28	12 57	2 20	23 29	0 15	14 38	1 18	11 35	16 2	14 33	14 6	17 41		n.a.
W17	23 12	9 0	5 0	19 29	4 11	17 28	1 3	8 30	0 58	8 10	1 28	12 55	2 19	23 29	0 15	14 38	1 18	11 35	16 2	14 32	14 5	17 41		n.a.
T 18	23 17	4 49	4 33	19 19	4 19	17 49	1 0	8 46	0 58	8 9	1 29	12 54	2 19	23 29	0 15	14 39	1 18	11 36	16 3	14 31	14 4	17 42		n.a.
F 19	23 22	0 18	3 51	19 10	4 27	18 9	0 58	9 1	0 57	8 7	1 29	12 52	2 19	23 29	0 15	14 39	1 18	11 36	16 3	14 31	14 3	17 43		n.a.
S 20	23 26	4n21	2 56	19 2	4 32	18 29	0 56	9 17	0 57	8 6	1 29	12 51	2 19	23 29	0 15	14 39	1 18	11 36	16 3	14 31	14 2	17 44		n.a.
S 21	23 30	8 54	1 48	18 56	4 37	18 49	0 53	9 32	0 56	8 5	1 29	12 49	2 19	23 28	0 15	14 39	1 19	11 36	16 4	14 31	14 1	17 45		n.a.
M22	23 33	13 3	0 32	18 50	4 39	19 8	0 51	9 47	0 56	8 4	1 30	12 48	2 19	23 28	0 15	14 39	1 19	11 36	16 4	14 32	14 0	17 45		n.a.
T 23	23 36	16 29	0s48	18 47	4 40	19 26	0 48	10 2	0 55	8 3	1 30	12 46	2 18	23 28	0 15	14 40	1 19	11 36	16 4	14 32	13 59	17 46		n.a.
W24	23 39	18 52	2 5	18 45	4 39	19 45	0 46	10 17	0 55	8 2	1 30	12 45	2 18	23 28	0 15	14 40	1 19	11 36	16 4	14 31	13 58	17 47		n.a.
T 25	23 41	19 56	3 14	18 45	4 36	20 2	0 43	10 32	0 54	8 1	1 31	12 43	2 18	23 28	0 15	14 40	1 19	11 36	16 5	14 30	13 57	17 48		n.a.
F 26	23 43	19 35	4 10	18 47	4 32	20 19	0 41	10 47	0 54	8 0	1 31	12 41	2 18	23 27	0 15	14 40	1 19	11 36	16 5	14 28	13 56	17 49		n.a.
S 27	23 44	17 54	4 47	18 50	4 26	20 36	0 38	11 2	0 53	7 59	1 31	12 40	2 18	23 27	0 15	14 41	1 19	11 36	16 5	14 25	13 55	17 49		n.a.
S 28	23 45	15 6	5 6	18 55	4 19	20 52	0 36	11 16	0 52	7 58	1 32	12 38	2 18	23 27	0 15	14 41	1 19	11 36	16 6	14 23	13 54	17 50		n.a.
M29	23 46	11 30	5 5	19 2	4 10	21 7	0 33	11 31	0 52	7 58	1 32	12 36	2 17	23 27	0 15	14 41	1 19	11 37	16 6	14 21	13 53	17 51		n.a.
T 30	23n46	7n24	4s46	19n11	4s 0	21n22	0s30	11n45	0s51	7s57	1s32	12n34	2n17	23s26	0s15	14s42	1s19	11s37	16s 6	14s19	13s52	17s52		n.a.

Julian Day Number = 1498041.5, Delta T = 05h09m12s
Ecliptic obliquity = 23°46'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'12, Lahiri = -12°24'11 Julian Calendar 1 June 612 BCE == Greg. Calendar 25 May 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

JULY 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 8 58	1♋ 8'11	12♍25	17°R18	8♊46	3♉18	13♓38	3♍21	17°R44	24°R43	7♈48	7°R46	6♏25	26♏13	n.a.	W 1
T 2	18 12 54	2° 5'36	25° 8	17°D16	9°59	3°58	13°39	3°25	17♐42	24♒42	7°49	7♏45	6°22	26°20	n.a.	T 2
F 3	18 16 51	3° 3'03	7♎29	17♊21	11°12	4°37	13°41	3°30	17°40	24°42	7°49	7°D44	6°19	26°26	n.a.	F 3
S 4	18 20 47	4° 0'31	19°34	17°31	12°25	5°16	13°42	3°35	17°37	24°41	7°49	7°45	6°15	26°33	n.a.	S 4
S 5	18 24 44	4°57'59	1♏29	17°49	13°38	5°56	13°44	3°39	17°35	24°40	7°49	7°46	6°12	26°39	n.a.	S 5
M 6	18 28 41	5°55'29	13°17	18°13	14°51	6°35	13°44	3°44	17°33	24°39	7°50	7°R46	6° 9	26°46	n.a.	M 6
T 7	18 32 37	6°53'00	25° 5	18°44	16° 4	7°14	13°45	3°49	17°31	24°38	7°50	7°44	6° 6	26°53	n.a.	T 7
W 8	18 36 34	7°50'32	6♐55	19°22	17°17	7°53	13°46	3°54	17°28	24°37	7°50	7°41	6° 3	26°59	n.a.	W 8
T 9	18 40 30	8°48'05	18°51	20° 7	18°31	8°32	13°46	3°59	17°26	24°36	7°50	7°34	6° 0	27° 6	n.a.	T 9
F 10	18 44 27	9°45'39	0♑56	20°58	19°44	9°10	13°47	4° 4	17°24	24°35	7°50	7°26	5°56	27°13	n.a.	F 10
S 11	18 48 23	10°43'15	13°11	21°55	20°57	9°49	13°R47	4° 9	17°22	24°34	7°50	7°15	5°53	27°19	n.a.	S 11
S 12	18 52 20	11°40'52	25°37	22°59	22°11	10°28	13°46	4°15	17°20	24°33	7°50	7° 4	5°50	27°26	n.a.	S 12
M13	18 56 17	12°38'30	8♒14	24° 9	23°24	11° 6	13°46	4°20	17°18	24°32	7°50	6°52	5°47	27°33	n.a.	M13
T 14	19 0 13	13°36'10	21° 3	25°25	24°37	11°44	13°45	4°25	17°15	24°30	7°50	6°42	5°44	27°39	n.a.	T 14
W15	19 4 10	14°33'52	4♓ 4	26°46	25°51	12°23	13°45	4°31	17°13	24°29	7°R50	6°34	5°40	27°46	n.a.	W15
T 16	19 8 6	15°31'35	17°17	28°12	27° 4	13° 1	13°44	4°36	17°11	24°28	7°50	6°29	5°37	27°53	n.a.	T 16
F 17	19 12 3	16°29'20	0♈44	29°44	28°18	13°39	13°42	4°42	17° 9	24°27	7°50	6°26	5°34	27°59	n.a.	F 17
S 18	19 15 59	17°27'07	14°24	1♋19	29°32	14°17	13°41	4°47	17° 7	24°26	7°50	6°D25	5°31	28° 6	n.a.	S 18
S 19	19 19 56	18°24'56	28°20	2°59	0♋45	14°55	13°40	4°53	17° 5	24°24	7°50	6°25	5°28	28°13	n.a.	S 19
M20	19 23 52	19°22'47	12♉30	4°43	1°59	15°32	13°38	4°59	17° 4	24°23	7°50	6°R25	5°25	28°19	n.a.	M20
T 21	19 27 49	20°20'40	26°56	6°30	3°13	16°10	13°36	5° 4	17° 2	24°22	7°50	6°24	5°21	28°26	n.a.	T 21
W22	19 31 45	21°18'35	11♊32	8°19	4°26	16°47	13°34	5°10	17° 0	24°20	7°50	6°20	5°18	28°33	n.a.	W22
T 23	19 35 42	22°16'32	26°15	10°11	5°40	17°25	13°31	5°16	16°58	24°19	7°50	6°14	5°15	28°39	n.a.	T 23
F 24	19 39 39	23°14'30	10♋58	12° 5	6°54	18° 2	13°29	5°22	16°56	24°18	7°50	6° 5	5°12	28°46	n.a.	F 24
S 25	19 43 35	24°12'30	25°34	14° 0	8° 8	18°39	13°26	5°28	16°54	24°16	7°49	5°54	5° 9	28°53	n.a.	S 25
S 26	19 47 32	25°10'32	9♌54	15°57	9°22	19°16	13°23	5°34	16°53	24°15	7°49	5°42	5° 6	28°59	n.a.	S 26
M27	19 51 28	26° 8'36	23°53	17°54	10°36	19°53	13°20	5°40	16°51	24°14	7°49	5°32	5° 2	29° 6	n.a.	M27
T 28	19 55 25	27° 6'41	7♍27	19°52	11°50	20°30	13°17	5°46	16°49	24°12	7°49	5°22	4°59	29°13	n.a.	T 28
W29	19 59 21	28° 4'48	20°35	21°50	13° 4	21° 6	13°13	5°52	16°48	24°11	7°48	5°15	4°56	29°19	n.a.	W29
T 30	20 3 18	29° 2'56	3♎18	23°48	14°18	21°43	13° 9	5°59	16°46	24° 9	7°48	5°11	4°53	29°26	n.a.	T 30
F 31	20 7 14	0♌ 1'06	15♎41	25♋46	15♋32	22♉19	13♓ 5	6♍ 5	16♐45	24♒ 8	7♈48	5♏ 9	4♏50	29♏33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n46	3n 6	4s13	19n21	3s49	21n37	0s28	12n 0	0s51	7s57	1s33	12n32	2n17	23s26	0s15	14s42	1s19	11s37	16s 7	14s18	13s51	17s52			n.a.
T 2	23 45	1s14	3 29	19 33	3 37	21 50	0 25	12 14	0 50	7 56	1 33	12 31	2 17	23 26	0 15	14 42	1 19	11 37	16 7	14 17	13 49	17 53			n.a.
F 3	23 44	5 23	2 35	19 47	3 23	22 3	0 22	12 28	0 49	7 56	1 33	12 29	2 17	23 26	0 15	14 43	1 19	11 37	16 7	14 17	13 48	17 54			n.a.
S 4	23 42	9 14	1 36	20 2	3 10	22 16	0 20	12 42	0 49	7 56	1 34	12 27	2 17	23 26	0 15	14 43	1 19	11 37	16 7	14 17	13 47	17 55			n.a.
S 5	23 40	12 41	0 34	20 18	2 55	22 28	0 17	12 55	0 48	7 56	1 34	12 25	2 16	23 25	0 15	14 43	1 19	11 38	16 8	14 17	13 46	17 55			n.a.
M 6	23 38	15 34	0n30	20 35	2 40	22 39	0 15	13 9	0 47	7 56	1 34	12 23	2 16	23 25	0 15	14 44	1 19	11 38	16 8	14 17	13 45	17 56			n.a.
T 7	23 35	17 49	1 31	20 52	2 25	22 50	0 12	13 23	0 47	7 56	1 35	12 21	2 16	23 25	0 15	14 44	1 19	11 38	16 8	14 17	13 44	17 57			n.a.
W 8	23 32	19 18	2 29	21 11	2 9	23 0	0 9	13 36	0 46	7 56	1 35	12 19	2 16	23 25	0 15	14 44	1 19	11 38	16 9	14 16	13 43	17 58			n.a.
T 9	23 28	19 57	3 21	21 30	1 54	23 9	0 7	13 49	0 45	7 56	1 35	12 17	2 16	23 25	0 15	14 45	1 19	11 39	16 9	14 14	13 42	17 58			n.a.
F 10	23 24	19 41	4 5	21 49	1 38	23 18	0 4	14 2	0 45	7 56	1 36	12 15	2 16	23 24	0 15	14 45	1 19	11 39	16 9	14 11	13 41	17 59			n.a.
S 11	23 20	18 30	4 37	22 9	1 22	23 26	0 1	14 16	0 44	7 56	1 36	12 13	2 16	23 24	0 15	14 46	1 19	11 39	16 10	14 7	13 40	18 0			n.a.
S 12	23 15	16 27	4 57	22 28	1 7	23 33	0n 1	14 28	0 43	7 57	1 36	12 11	2 15	23 24	0 15	14 46	1 19	11 39	16 10	14 3	13 39	18 0			n.a.
M13	23 9	13 35	5 3	22 46	0 52	23 40	0 4	14 41	0 43	7 57	1 37	12 9	2 15	23 24	0 15	14 46	1 20	11 40	16 10	14 0	13 38	18 1			n.a.
T 14	23 4	10 2	4 54	23 4	0 37	23 46	0 6	14 54	0 42	7 58	1 37	12 7	2 15	23 24	0 15	14 47	1 20	11 40	16 11	13 56	13 37	18 2			n.a.
W15	22 58	5 59	4 29	23 21	0 23	23 51	0 9	15 6	0 41	7 58	1 37	12 5	2 15	23 23	0 15	14 47	1 20	11 40	16 11	13 54	13 36	18 3			n.a.
T 16	22 51	1 34	3 50	23 36	0 9	23 55	0 11	15 19	0 41	7 59	1 38	12 2	2 15	23 23	0 15	14 48	1 20	11 40	16 11	13 52	13 35	18 3			n.a.
F 17	22 44	3n 0	2 58	23 50	0n 4	23 59	0 14	15 31	0 40	8 0	1 38	12 0	2 15	23 23	0 15	14 48	1 20	11 41	16 12	13 51	13 33	18 4			n.a.
S 18	22 37	7 30	1 54	24 3	0 17	24 2	0 16	15 43	0 39	8 0	1 38	11 58	2 15	23 23	0 15	14 49	1 20	11 41	16 12	13 50	13 32	18 5			n.a.
S 19	22 29	11 41	0 43	24 13	0 29	24 5	0 19	15 55	0 38	8 1	1 38	11 56	2 14	23 23	0 15	14 49	1 20	11 41	16 12	13 51	13 31	18 5			n.a.
M20	22 21	15 17	0s32	24 21	0 40	24 6	0 21	16 7	0 38	8 2	1 39	11 54	2 14	23 22	0 15	14 50	1 20	11 42	16 12	13 51	13 30	18 6			n.a.
T 21	22 12	18 1	1 47	24 26	0 50	24 7	0 24	16 19	0 37	8 3	1 39	11 51	2 14	23 22	0 15	14 50	1 20	11 42	16 13	13 50	13 29	18 7			n.a.
W22	22 3	19 35	2 55	24 30	1 0	24 7	0 26	16 30	0 36	8 5	1 39	11 49	2 14	23 22	0 15	14 50	1 20	11 42	16 13	13 49	13 28	18 7			n.a.
T 23	21 54	19 51	3 52	24 30	1 8	24 7	0 28	16 42	0 35	8 6	1 40	11 47	2 14	23 22	0 15	14 51	1 20	11 43	16 13	13 47	13 27	18 8			n.a.
F 24	21 44	18 46	4 33	24 28	1 16	24 6	0 31	16 53	0 35	8 7	1 40	11 44	2 14	23 22	0 15	14 51	1 20	11 43	16 14	13 44	13 26	18 9			n.a.
S 25	21 34	16 28	4 56	24 23	1 23	24 4	0 33	17 4	0 34	8 8	1 40	11 42	2 14	23 22	0 15	14 52	1 20	11 43	16 14	13 40	13 25	18 9			n.a.
S 26	21 23	13 11	5 0	24 16	1 29	24 1	0 35	17 15	0 33	8 10	1 41	11 40	2 14	23 21	0 15	14 52	1 20	11 44	16 14	13 36	13 24	18 10			n.a.
M27	21 13	9 15	4 46	24 6	1 34	23 58	0 37	17 26	0 32	8 11	1 41	11 37	2 14	23 21	0 15	14 53	1 20	11 44	16 15	13 33	13 23	18 11			n.a.
T 28	21 1	4 56	4 16	23 53	1 38	23 53	0 40	17 37	0 31	8 13	1 41	11 35	2 13	23 21	0 15	14 53	1 20	11 44	16 15	13 29	13 22	18 11			n.a.
W29	20 50	0 32	3 33	23 38	1 41	23 49	0 42	17 47	0 31	8 14	1 42	11 33	2 13	23 21	0 15	14 54	1 20	11 45	16 15	13 27	13 21	18 12			n.a.
T 30	20 38	3s46	2 40	23 21	1 44	23 43	0 44	17 58	0 30	8 16	1 42	11 30	2 13	23 21	0 15	14 54	1 20	11 45	16 16	13 26	13 19	18 13			n.a.
F 31	20n25	7s48	1s41	23n 1	1n46	23n37	0n46	18n 8	0s29	8s18	1s42	11n28	2n13	23s21	0s15	14s55	1s20	11s46	16s16	13s25	13s18	18s13			n.a.

Julian Day Number = 1498071.5, Delta T = 05h09m10s
Ecliptic obliquity = 23°46'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'08, Lahiri = -12°24'07 Julian Calendar 1 July 612 BCE == Greg. Calendar 24 June 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

AUGUST 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 11 11	0♌59'18	27♎46	27♋43	16♋46	22♉56	13°R 1	6♍11	16°R43	24°R 6	7°R48	5°R 8	4♏46	29♏39	n.a.	S 1
S 2	20 15 8	1°57'31	9♏41	29°40	18° 1	23°32	12♓57	6°18	16♐42	24♒ 5	7♈47	5♏ 8	4°43	29°46	n.a.	S 2
M 3	20 19 4	2°55'46	21°30	1♌36	19°15	24° 8	12°53	6°24	16°40	24° 3	7°47	5° 8	4°40	29°53	n.a.	M 3
T 4	20 23 1	3°54'02	3♐19	3°31	20°29	24°44	12°48	6°30	16°39	24° 2	7°46	5° 5	4°37	29°59	n.a.	T 4
W 5	20 26 57	4°52'20	15°12	5°25	21°43	25°19	12°43	6°37	16°37	24° 0	7°46	5° 1	4°34	0♐ 6	n.a.	W 5
T 6	20 30 54	5°50'40	27°14	7°18	22°58	25°55	12°38	6°43	16°36	23°59	7°46	4°53	4°31	0°13	n.a.	T 6
F 7	20 34 50	6°49'02	9♑28	9°10	24°12	26°30	12°33	6°50	16°35	23°57	7°45	4°44	4°27	0°19	n.a.	F 7
S 8	20 38 47	7°47'26	21°55	11° 2	25°27	27° 6	12°28	6°56	16°34	23°56	7°45	4°32	4°24	0°26	n.a.	S 8
S 9	20 42 43	8°45'51	4♒38	12°52	26°41	27°41	12°23	7° 3	16°32	23°54	7°44	4°18	4°21	0°33	n.a.	S 9
M10	20 46 40	9°44'19	17°34	14°41	27°55	28°16	12°17	7°10	16°31	23°52	7°44	4° 5	4°18	0°39	n.a.	M10
T 11	20 50 37	10°42'48	0♓44	16°29	29°10	28°51	12°11	7°16	16°30	23°51	7°43	3°54	4°15	0°46	n.a.	T 11
W12	20 54 33	11°41'20	14° 6	18°15	0♌24	29°25	12° 6	7°23	16°29	23°49	7°43	3°44	4°11	0°52	n.a.	W12
T 13	20 58 30	12°39'54	27°38	20° 1	1°39	29°59	12° 0	7°30	16°28	23°47	7°42	3°38	4° 8	0°59	n.a.	T 13
F 14	21 2 26	13°38'30	11♈19	21°46	2°54	0♊34	11°53	7°37	16°27	23°46	7°41	3°34	4° 5	1° 6	n.a.	F 14
S 15	21 6 23	14°37'08	25° 9	23°30	4° 8	1° 9	11°47	7°43	16°26	23°44	7°41	3°32	4° 2	1°12	n.a.	S 15
S 16	21 10 19	15°35'49	9♉ 6	25°12	5°23	1°43	11°41	7°50	16°25	23°43	7°40	3°32	3°59	1°19	n.a.	S 16
M17	21 14 16	16°34'32	23°10	26°54	6°38	2°17	11°34	7°57	16°25	23°41	7°39	3°32	3°56	1°26	n.a.	M17
T 18	21 18 12	17°33'18	7♊21	28°34	7°52	2°51	11°27	8° 4	16°24	23°39	7°39	3°31	3°52	1°32	n.a.	T 18
W19	21 22 9	18°32'06	21°38	0♍14	9° 7	3°24	11°21	8°11	16°23	23°38	7°38	3°27	3°49	1°39	n.a.	W19
T 20	21 26 6	19°30'56	5♋57	1°53	10°22	3°58	11°14	8°18	16°22	23°36	7°37	3°21	3°46	1°46	n.a.	T 20
F 21	21 30 2	20°29'49	20°14	3°30	11°37	4°31	11° 7	8°25	16°22	23°34	7°37	3°13	3°43	1°52	n.a.	F 21
S 22	21 33 59	21°28'44	4♌25	5° 7	12°52	5° 4	10°59	8°32	16°21	23°33	7°36	3° 2	3°40	1°59	n.a.	S 22
S 23	21 37 55	22°27'41	18°25	6°43	14° 7	5°37	10°52	8°39	16°21	23°31	7°35	2°50	3°37	2° 6	n.a.	S 23
M24	21 41 52	23°26'41	2♍ 8	8°18	15°21	6°10	10°45	8°46	16°20	23°29	7°35	2°39	3°33	2°12	n.a.	M24
T 25	21 45 48	24°25'42	15°30	9°51	16°36	6°43	10°37	8°53	16°20	23°28	7°34	2°30	3°30	2°19	n.a.	T 25
W26	21 49 45	25°24'46	28°32	11°24	17°51	7°15	10°30	9° 0	16°19	23°26	7°33	2°23	3°27	2°26	n.a.	W26
T 27	21 53 41	26°23'51	11♎12	12°57	19° 6	7°47	10°22	9° 7	16°19	23°24	7°32	2°18	3°24	2°32	n.a.	T 27
F 28	21 57 38	27°22'59	23°33	14°28	20°21	8°19	10°15	9°14	16°19	23°23	7°31	2°16	3°21	2°39	n.a.	F 28
S 29	22 1 34	28°22'08	5♏39	15°58	21°36	8°51	10° 7	9°21	16°18	23°21	7°31	2°D16	3°17	2°46	n.a.	S 29
S 30	22 5 31	29°21'19	17°35	17°28	22°51	9°23	9°59	9°29	16°18	23°19	7°30	2°16	3°14	2°52	n.a.	S 30
M31	22 9 28	0♍20'32	29♏24	18♍56	24♌ 6	9♊54	9♓51	9♍36	16♐18	23♒18	7♈29	2°R17	3♏11	2♐59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n13	11s26	0s39	22n39	1n47	23n30	0n48	18n18	0s28	8s20	1s42	11n25	2n13	23s20	0s15	14s56	1s20	11s46	16s16	13s25	13s17	18s14		n.a.
S 2	20 0	14 32	0n24	22 15	1 48	23 22	0 50	18 28	0 27	8 22	1 43	11 23	2 13	23 20	0 15	14 56	1 20	11 46	16 16	13 25	13 16	18 15		n.a.
M 3	19 46	17 1	1 26	21 50	1 48	23 13	0 52	18 38	0 26	8 24	1 43	11 20	2 13	23 20	0 15	14 57	1 20	11 47	16 17	13 25	13 15	18 15		n.a.
T 4	19 33	18 46	2 23	21 22	1 47	23 4	0 54	18 48	0 25	8 26	1 43	11 18	2 13	23 20	0 15	14 57	1 20	11 47	16 17	13 24	13 14	18 16		n.a.
W 5	19 18	19 42	3 15	20 53	1 46	22 54	0 56	18 57	0 25	8 28	1 43	11 15	2 13	23 20	0 15	14 58	1 20	11 48	16 17	13 22	13 13	18 17		n.a.
T 6	19 4	19 46	3 59	20 22	1 44	22 44	0 58	19 7	0 24	8 30	1 44	11 13	2 13	23 20	0 15	14 58	1 20	11 48	16 18	13 20	13 12	18 17		n.a.
F 7	18 49	18 54	4 32	19 50	1 42	22 32	0 59	19 16	0 23	8 32	1 44	11 10	2 13	23 20	0 15	14 59	1 20	11 49	16 18	13 16	13 11	18 18		n.a.
S 8	18 34	17 8	4 53	19 17	1 39	22 20	1 1	19 25	0 22	8 34	1 44	11 8	2 13	23 19	0 15	14 59	1 20	11 49	16 18	13 12	13 10	18 18		n.a.
S 9	18 19	14 30	5 0	18 42	1 36	22 8	1 3	19 34	0 21	8 37	1 44	11 5	2 12	23 19	0 15	15 0	1 20	11 49	16 18	13 8	13 9	18 19		n.a.
M10	18 3	11 8	4 52	18 7	1 32	21 55	1 4	19 43	0 20	8 39	1 45	11 3	2 12	23 19	0 15	15 0	1 20	11 50	16 19	13 3	13 8	18 20		n.a.
T 11	17 47	7 11	4 29	17 31	1 28	21 41	1 6	19 52	0 19	8 41	1 45	11 0	2 12	23 19	0 15	15 1	1 20	11 50	16 19	12 59	13 6	18 20		n.a.
W12	17 31	2 48	3 50	16 53	1 24	21 26	1 7	20 0	0 18	8 44	1 45	10 57	2 12	23 19	0 15	15 2	1 20	11 51	16 19	12 56	13 5	18 21		n.a.
T 13	17 14	1n46	2 58	16 15	1 19	21 11	1 9	20 9	0 17	8 47	1 45	10 55	2 12	23 19	0 15	15 2	1 20	11 51	16 19	12 54	13 4	18 22		n.a.
F 14	16 57	6 18	1 55	15 36	1 14	20 55	1 10	20 17	0 16	8 49	1 45	10 52	2 12	23 19	0 15	15 3	1 20	11 52	16 20	12 52	13 3	18 22		n.a.
S 15	16 40	10 33	0 44	14 57	1 9	20 39	1 11	20 25	0 15	8 52	1 46	10 50	2 12	23 19	0 15	15 3	1 20	11 52	16 20	12 52	13 2	18 23		n.a.
S 16	16 23	14 15	0s29	14 17	1 3	20 21	1 13	20 33	0 14	8 54	1 46	10 47	2 12	23 19	0 15	15 4	1 20	11 53	16 20	12 52	13 1	18 23		n.a.
M17	16 5	17 10	1 42	13 37	0 57	20 4	1 14	20 41	0 13	8 57	1 46	10 44	2 12	23 18	0 15	15 4	1 21	11 53	16 20	12 52	13 0	18 24		n.a.
T 18	15 47	19 3	2 49	12 56	0 52	19 45	1 15	20 49	0 12	9 0	1 46	10 42	2 12	23 18	0 15	15 5	1 21	11 54	16 21	12 51	12 59	18 24		n.a.
W19	15 29	19 45	3 46	12 15	0 45	19 27	1 16	20 56	0 11	9 3	1 46	10 39	2 12	23 18	0 15	15 6	1 21	11 54	16 21	12 50	12 58	18 25		n.a.
T 20	15 10	19 10	4 29	11 33	0 39	19 7	1 17	21 4	0 10	9 6	1 47	10 36	2 12	23 18	0 15	15 6	1 21	11 55	16 21	12 48	12 57	18 26		n.a.
F 21	14 51	17 22	4 54	10 52	0 33	18 47	1 18	21 11	0 9	9 8	1 47	10 34	2 12	23 18	0 15	15 7	1 21	11 55	16 21	12 45	12 56	18 26		n.a.
S 22	14 32	14 32	5 2	10 10	0 26	18 27	1 19	21 18	0 8	9 11	1 47	10 31	2 12	23 18	0 15	15 7	1 21	11 56	16 22	12 41	12 54	18 27		n.a.
S 23	14 13	10 54	4 51	9 28	0 19	18 6	1 20	21 25	0 7	9 14	1 47	10 28	2 12	23 18	0 15	15 8	1 21	11 56	16 22	12 37	12 53	18 27		n.a.
M24	13 53	6 46	4 24	8 46	0 12	17 44	1 21	21 32	0 6	9 17	1 47	10 25	2 12	23 18	0 15	15 8	1 21	11 57	16 22	12 34	12 52	18 28		n.a.
T 25	13 34	2 23	3 42	8 3	0 5	17 22	1 21	21 39	0 5	9 20	1 47	10 23	2 12	23 18	0 15	15 9	1 21	11 57	16 22	12 30	12 51	18 28		n.a.
W26	13 14	2s 0	2 50	7 21	0s 2	16 59	1 22	21 45	0 4	9 23	1 47	10 20	2 12	23 18	0 15	15 10	1 21	11 58	16 23	12 28	12 50	18 29		n.a.
T 27	12 53	6 10	1 50	6 39	0 9	16 36	1 23	21 52	0 3	9 26	1 48	10 17	2 12	23 18	0 15	15 10	1 21	11 58	16 23	12 26	12 49	18 30		n.a.
F 28	12 33	9 59	0 46	5 57	0 16	16 13	1 23	21 58	0 2	9 29	1 48	10 15	2 12	23 18	0 15	15 11	1 21	11 59	16 23	12 26	12 48	18 30		n.a.
S 29	12 12	13 18	0n18	5 15	0 24	15 49	1 24	22 4	0 1	9 32	1 48	10 12	2 12	23 18	0 15	15 11	1 21	11 59	16 23	12 25	12 47	18 31		n.a.
S 30	11 51	16 1	1 21	4 33	0 31	15 24	1 24	22 10	0n 1	9 35	1 48	10 9	2 12	23 18	0 15	15 12	1 21	12 0	16 23	12 26	12 46	18 31		n.a.
M31	11n30	18s 1	2n20	3n51	0s38	15n 0	1n24	22n16	0n 2	9s39	1s48	10n 6	2n12	23s18	0s15	15s12	1s21	12s 0	16s24	12s26	12s45	18s32		n.a.

Julian Day Number = 1498102.5, Delta T = 05h09m09s
Ecliptic obliquity = 23°46'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°31'04, Lahiri = -12°24'03 Julian Calendar 1 Aug. 612 BCE == Greg. Calendar 25 July 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

SEPTEMBER 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 13 24	1♍19'48	11♐14	20♍24	25♌21	10♊25	9°R43	9♍43	16°R18	23°R16	7°R28	2°R16	3♏ 8	3♐ 6	n.a.	T 1
W 2	22 17 21	2°19'05	23° 9	21°51	26°37	10°56	9♓35	9°50	16°D18	23♒14	7♈27	2♏14	3° 5	3°12	n.a.	W 2
T 3	22 21 17	3°18'24	5♑13	23°16	27°52	11°27	9°27	9°57	16♐18	23°13	7°26	2° 9	3° 2	3°19	n.a.	T 3
F 4	22 25 14	4°17'45	17°32	24°41	29° 7	11°58	9°19	10° 4	16°18	23°11	7°25	2° 2	2°58	3°26	n.a.	F 4
S 5	22 29 10	5°17'08	0♒ 9	26° 5	0♍22	12°28	9°11	10°12	16°18	23° 9	7°24	1°54	2°55	3°32	n.a.	S 5
S 6	22 33 7	6°16'32	13° 4	27°28	1°37	12°58	9° 3	10°19	16°18	23° 8	7°23	1°44	2°52	3°39	n.a.	S 6
M 7	22 37 3	7°15'59	26°17	28°50	2°52	13°28	8°55	10°26	16°19	23° 6	7°22	1°34	2°49	3°46	n.a.	M 7
T 8	22 41 0	8°15'28	9♓49	0♎11	4° 8	13°58	8°47	10°33	16°19	23° 5	7°21	1°25	2°46	3°52	n.a.	T 8
W 9	22 44 56	9°14'59	23°36	1°30	5°23	14°28	8°39	10°40	16°19	23° 3	7°20	1°18	2°43	3°59	n.a.	W 9
T 10	22 48 53	10°14'32	7♈33	2°49	6°38	14°57	8°31	10°48	16°20	23° 1	7°19	1°14	2°39	4° 6	n.a.	T 10
F 11	22 52 50	11°14'08	21°39	4° 6	7°53	15°26	8°23	10°55	16°20	23° 0	7°18	1°11	2°36	4°12	n.a.	F 11
S 12	22 56 46	12°13'46	5♉49	5°22	9° 8	15°55	8°15	11° 2	16°20	22°58	7°17	1°D11	2°33	4°19	n.a.	S 12
S 13	23 0 43	13°13'26	20° 0	6°36	10°24	16°23	8° 6	11° 9	16°21	22°57	7°16	1°12	2°30	4°26	n.a.	S 13
M14	23 4 39	14°13'09	4♊10	7°49	11°39	16°51	7°58	11°16	16°22	22°55	7°15	1°13	2°27	4°32	n.a.	M14
T 15	23 8 36	15°12'54	18°19	9° 0	12°54	17°19	7°50	11°24	16°22	22°54	7°14	1°R13	2°23	4°39	n.a.	T 15
W16	23 12 32	16°12'42	2♋23	10° 9	14°10	17°47	7°43	11°31	16°23	22°52	7°13	1°12	2°20	4°46	n.a.	W16
T 17	23 16 29	17°12'32	16°23	11°17	15°25	18°15	7°35	11°38	16°24	22°51	7°12	1° 9	2°17	4°52	n.a.	T 17
F 18	23 20 25	18°12'25	0♌16	12°22	16°40	18°42	7°27	11°45	16°24	22°49	7°11	1° 4	2°14	4°59	n.a.	F 18
S 19	23 24 22	19°12'19	14° 0	13°24	17°56	19° 9	7°19	11°52	16°25	22°48	7°10	0°57	2°11	5° 6	n.a.	S 19
S 20	23 28 19	20°12'16	27°32	14°25	19°11	19°35	7°11	12° 0	16°26	22°46	7° 9	0°50	2° 8	5°12	n.a.	S 20
M21	23 32 15	21°12'15	10♍51	15°22	20°27	20° 2	7° 4	12° 7	16°27	22°45	7° 8	0°43	2° 4	5°19	n.a.	M21
T 22	23 36 12	22°12'16	23°54	16°16	21°42	20°28	6°56	12°14	16°28	22°44	7° 7	0°37	2° 1	5°26	n.a.	T 22
W23	23 40 8	23°12'19	6♎41	17° 6	22°57	20°53	6°49	12°21	16°29	22°42	7° 6	0°33	1°58	5°32	n.a.	W23
T 24	23 44 5	24°12'24	19°12	17°52	24°13	21°19	6°41	12°28	16°30	22°41	7° 5	0°31	1°55	5°39	n.a.	T 24
F 25	23 48 1	25°12'31	1♏28	18°34	25°28	21°44	6°34	12°35	16°31	22°39	7° 4	0°D30	1°52	5°46	n.a.	F 25
S 26	23 51 58	26°12'40	13°31	19°11	26°44	22° 8	6°27	12°42	16°33	22°38	7° 3	0°31	1°48	5°52	n.a.	S 26
S 27	23 55 54	27°12'50	25°26	19°42	27°59	22°33	6°20	12°49	16°34	22°37	7° 1	0°32	1°45	5°59	n.a.	S 27
M28	23 59 51	28°13'03	7♐15	20° 8	29°14	22°57	6°13	12°56	16°35	22°36	7° 0	0°34	1°42	6° 6	n.a.	M28
T 29	0 3 47	29°13'17	19° 4	20°27	0♎30	23°21	6° 6	13° 4	16°36	22°34	6°59	0°36	1°39	6°12	n.a.	T 29
W30	0 7 44	0♎13'32	0♑58	20♎38	1♎45	23♊44	5♓59	13♍11	16♐38	22♒33	6♈58	0°R36	1♏36	6♐19	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n 9	19s15	3n13	3n 9	0s46	14n34	1n25	22n22	0n 3	9s42	1s48	10n 4	2n12	23s18	0s15	15s13	1s21	12s 1	16s24	12s26	12s44	18s32			n.a.
W 2	10 47	19 38	3 58	2 28	0 53	14 9	1 25	22 27	0 4	9 45	1 48	10 1	2 12	23 18	0 15	15 13	1 21	12 1	16 24	12 25	12 42	18 33			n.a.
T 3	10 26	19 7	4 33	1 47	1 0	13 42	1 25	22 33	0 5	9 48	1 48	9 58	2 12	23 18	0 15	15 14	1 21	12 2	16 24	12 23	12 41	18 33			n.a.
F 4	10 4	17 43	4 56	1 6	1 8	13 16	1 25	22 38	0 6	9 51	1 48	9 55	2 12	23 18	0 15	15 15	1 21	12 2	16 24	12 21	12 40	18 34			n.a.
S 5	9 42	15 25	5 5	0 26	1 15	12 49	1 25	22 44	0 8	9 54	1 48	9 53	2 12	23 18	0 15	15 15	1 21	12 3	16 24	12 18	12 39	18 34			n.a.
S 6	9 20	12 20	5 0	0s14	1 22	12 22	1 25	22 49	0 9	9 57	1 48	9 50	2 12	23 18	0 15	15 16	1 21	12 3	16 25	12 14	12 38	18 35			n.a.
M 7	8 58	8 34	4 38	0 53	1 29	11 54	1 25	22 54	0 10	10 0	1 48	9 47	2 12	23 18	0 15	15 16	1 21	12 4	16 25	12 11	12 37	18 35			n.a.
T 8	8 35	4 17	4 0	1 32	1 36	11 27	1 25	22 59	0 11	10 3	1 48	9 44	2 12	23 18	0 15	15 17	1 21	12 4	16 25	12 8	12 36	18 36			n.a.
W 9	8 13	0n18	3 8	2 11	1 43	10 58	1 24	23 3	0 13	10 7	1 48	9 42	2 12	23 18	0 15	15 17	1 21	12 5	16 25	12 5	12 35	18 36			n.a.
T 10	7 50	4 56	2 4	2 49	1 50	10 30	1 24	23 8	0 14	10 10	1 48	9 39	2 12	23 18	0 15	15 18	1 21	12 5	16 25	12 4	12 34	18 37			n.a.
F 11	7 27	9 20	0 51	3 26	1 57	10 1	1 24	23 13	0 15	10 13	1 48	9 36	2 12	23 18	0 15	15 18	1 21	12 6	16 25	12 3	12 33	18 37			n.a.
S 12	7 4	13 15	0s25	4 3	2 3	9 32	1 23	23 17	0 17	10 16	1 48	9 33	2 12	23 18	0 15	15 19	1 21	12 6	16 25	12 3	12 31	18 38			n.a.
S 13	6 41	16 23	1 40	4 38	2 10	9 3	1 23	23 21	0 18	10 19	1 48	9 31	2 12	23 18	0 15	15 19	1 21	12 7	16 26	12 3	12 30	18 38			n.a.
M14	6 18	18 30	2 49	5 13	2 16	8 33	1 22	23 26	0 19	10 22	1 48	9 28	2 12	23 18	0 15	15 20	1 21	12 7	16 26	12 3	12 29	18 39			n.a.
T 15	5 54	19 29	3 47	5 47	2 22	8 3	1 22	23 30	0 21	10 25	1 48	9 25	2 12	23 18	0 15	15 20	1 21	12 8	16 26	12 3	12 28	18 39			n.a.
W16	5 31	19 13	4 31	6 20	2 28	7 33	1 21	23 34	0 22	10 28	1 48	9 22	2 12	23 18	0 15	15 21	1 21	12 8	16 26	12 3	12 27	18 40			n.a.
T 17	5 7	17 48	4 59	6 52	2 33	7 3	1 20	23 38	0 23	10 31	1 48	9 20	2 12	23 18	0 15	15 21	1 21	12 9	16 26	12 2	12 26	18 40			n.a.
F 18	4 43	15 20	5 9	7 22	2 38	6 33	1 19	23 41	0 25	10 34	1 48	9 17	2 12	23 18	0 15	15 22	1 21	12 9	16 26	12 0	12 25	18 41			n.a.
S 19	4 20	12 3	5 1	7 51	2 43	6 2	1 18	23 45	0 26	10 36	1 48	9 14	2 12	23 18	0 15	15 22	1 21	12 10	16 26	11 58	12 24	18 41			n.a.
S 20	3 56	8 10	4 37	8 19	2 47	5 31	1 18	23 49	0 28	10 39	1 48	9 11	2 12	23 19	0 15	15 23	1 21	12 10	16 26	11 55	12 23	18 42			n.a.
M21	3 32	3 57	3 57	8 45	2 51	5 0	1 17	23 52	0 29	10 42	1 48	9 9	2 12	23 19	0 15	15 23	1 21	12 11	16 26	11 53	12 21	18 42			n.a.
T 22	3 8	0s23	3 6	9 9	2 54	4 29	1 15	23 56	0 30	10 45	1 48	9 6	2 12	23 19	0 15	15 24	1 21	12 11	16 26	11 51	12 20	18 43			n.a.
W23	2 44	4 37	2 6	9 32	2 57	3 58	1 14	23 59	0 32	10 48	1 48	9 3	2 12	23 19	0 15	15 24	1 21	12 12	16 26	11 49	12 19	18 43			n.a.
T 24	2 20	8 34	1 1	9 52	3 0	3 27	1 13	24 2	0 33	10 50	1 47	9 1	2 13	23 19	0 15	15 24	1 20	12 12	16 27	11 48	12 18	18 43			n.a.
F 25	1 56	12 4	0n 5	10 9	3 1	2 55	1 12	24 5	0 35	10 53	1 47	8 58	2 13	23 19	0 15	15 25	1 20	12 13	16 27	11 48	12 17	18 44			n.a.
S 26	1 32	14 59	1 11	10 24	3 2	2 24	1 11	24 8	0 37	10 55	1 47	8 55	2 13	23 19	0 15	15 25	1 20	12 13	16 27	11 48	12 16	18 44			n.a.
S 27	1 7	17 14	2 12	10 36	3 2	1 52	1 9	24 11	0 38	10 58	1 47	8 52	2 13	23 19	0 15	15 26	1 20	12 14	16 27	11 49	12 15	18 45			n.a.
M28	0 43	18 44	3 8	10 45	3 0	1 21	1 8	24 14	0 40	11 0	1 47	8 50	2 13	23 19	0 15	15 26	1 20	12 14	16 27	11 50	12 14	18 45			n.a.
T 29	0 19	19 24	3 55	10 50	2 58	0 49	1 6	24 17	0 41	11 3	1 47	8 47	2 13	23 20	0 15	15 27	1 20	12 15	16 27	11 50	12 13	18 46			n.a.
W30	0s 5	19s13	4n33	10s51	2s55	0n17	1n 5	24n20	0n43	11s 5	1s47	8n44	2n13	23s20	0s15	15s27	1s20	12s15	16s27	11s50	12s11	18s46			n.a.

Julian Day Number = 1498133.5, Delta T = 05h09m07s
Ecliptic obliquity = 23°46'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'59, Lahiri = -12°23'59 Julian Calendar 1 Sept. 612 BCE == Greg. Calendar 25 Aug. 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

OCTOBER 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 11 41	1♎13'49	13♉ 2	20°R42	3♎ 1	24♊ 7	5°R52	13♍18	16♐39	22°R32	6°R57	0°R35	1♏33	6♐26	n.a.	T 1
F 2	0 15 37	2°14'08	25°21	20♎37	4°16	24°30	5♓46	13°24	16°41	22♒31	6♈56	0♏33	1°29	6°32	n.a.	F 2
S 3	0 19 34	3°14'29	7♒58	20°23	5°32	24°52	5°40	13°31	16°42	22°29	6°55	0°30	1°26	6°39	n.a.	S 3
S 4	0 23 30	4°14'51	20°57	19°59	6°47	25°14	5°33	13°38	16°44	22°28	6°54	0°26	1°23	6°46	n.a.	S 4
M 5	0 27 27	5°15'14	4♓19	19°25	8° 3	25°35	5°27	13°45	16°45	22°27	6°52	0°22	1°20	6°52	n.a.	M 5
T 6	0 31 23	6°15'39	18° 5	18°42	9°18	25°56	5°22	13°52	16°47	22°26	6°51	0°18	1°17	6°59	n.a.	T 6
W 7	0 35 20	7°16'06	2♈11	17°49	10°33	26°17	5°16	13°59	16°49	22°25	6°50	0°16	1°14	7° 6	n.a.	W 7
T 8	0 39 16	8°16'35	16°33	16°47	11°49	26°37	5°10	14° 6	16°51	22°24	6°49	0°14	1°10	7°12	n.a.	T 8
F 9	0 43 13	9°17'05	1♉ 6	15°38	13° 4	26°57	5° 5	14°13	16°52	22°23	6°48	0°D13	1° 7	7°19	n.a.	F 9
S 10	0 47 10	10°17'37	15°44	14°23	14°20	27°16	4°59	14°19	16°54	22°22	6°47	0°14	1° 4	7°26	n.a.	S 10
S 11	0 51 6	11°18'11	0♊21	13° 3	15°35	27°35	4°54	14°26	16°56	22°21	6°46	0°15	1° 1	7°32	n.a.	S 11
M12	0 55 3	12°18'47	14°50	11°43	16°51	27°54	4°49	14°33	16°58	22°20	6°44	0°16	0°58	7°39	n.a.	M12
T 13	0 58 59	13°19'25	29°10	10°23	18° 6	28°12	4°45	14°39	17° 0	22°19	6°43	0°17	0°54	7°46	n.a.	T 13
W14	1 2 56	14°20'05	13♋16	9° 8	19°22	28°29	4°40	14°46	17° 2	22°18	6°42	0°R18	0°51	7°53	n.a.	W14
T 15	1 6 52	15°20'46	27° 8	7°58	20°37	28°46	4°36	14°52	17° 4	22°17	6°41	0°18	0°48	7°59	n.a.	T 15
F 16	1 10 49	16°21'30	10♌45	6°58	21°53	29° 3	4°31	14°59	17° 6	22°17	6°40	0°17	0°45	8° 6	n.a.	F 16
S 17	1 14 45	17°22'15	24° 7	6° 7	23° 8	29°19	4°27	15° 5	17° 8	22°16	6°39	0°15	0°42	8°13	n.a.	S 17
S 18	1 18 42	18°23'02	7♍15	5°27	24°24	29°35	4°24	15°12	17°11	22°15	6°38	0°13	0°39	8°19	n.a.	S 18
M19	1 22 39	19°23'50	20° 9	4°58	25°39	29°50	4°20	15°18	17°13	22°14	6°37	0°12	0°35	8°26	n.a.	M19
T 20	1 26 35	20°24'40	2♎50	4°41	26°54	0♋ 4	4°16	15°25	17°15	22°13	6°36	0°10	0°32	8°33	n.a.	T 20
W21	1 30 32	21°25'32	15°18	4°D36	28°10	0°18	4°13	15°31	17°17	22°13	6°34	0° 9	0°29	8°39	n.a.	W21
T 22	1 34 28	22°26'25	27°35	4°42	29°25	0°31	4°10	15°37	17°20	22°12	6°33	0°D 9	0°26	8°46	n.a.	T 22
F 23	1 38 25	23°27'19	9♏42	4°58	0♏41	0°44	4° 7	15°43	17°22	22°12	6°32	0° 9	0°23	8°53	n.a.	F 23
S 24	1 42 21	24°28'14	21°40	5°23	1°56	0°56	4° 5	15°50	17°25	22°11	6°31	0°10	0°19	8°59	n.a.	S 24
S 25	1 46 18	25°29'11	3♐32	5°57	3°12	1° 8	4° 2	15°56	17°27	22°10	6°30	0°10	0°16	9° 6	n.a.	S 25
M26	1 50 14	26°30'09	15°21	6°38	4°27	1°19	4° 0	16° 2	17°30	22°10	6°29	0°11	0°13	9°13	n.a.	M26
T 27	1 54 11	27°31'07	27°10	7°26	5°43	1°29	3°58	16° 8	17°32	22° 9	6°28	0°11	0°10	9°19	n.a.	T 27
W28	1 58 7	28°32'07	9♑ 3	8°20	6°58	1°39	3°56	16°14	17°35	22° 9	6°27	0°11	0° 7	9°26	n.a.	W28
T 29	2 2 4	29°33'07	21° 5	9°19	8°13	1°48	3°54	16°20	17°37	22° 9	6°26	0°11	0° 4	9°33	n.a.	T 29
F 30	2 6 1	0♏34'09	3♒19	10°22	9°29	1°56	3°53	16°26	17°40	22° 8	6°25	0°11	0° 0	9°39	n.a.	F 30
S 31	2 9 57	1♏35'11	15♒52	11♎30	10♏44	2♋ 4	3♓52	16♍31	17♐43	22♒ 8	6♈24	0♏11	29♎57	9♐46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0s30	18s 9	4n59	10s48	2s50	0s15	1n 3	24n23	0n45	11s 8	1s46	8n42	2n13	23s20	0s15	15s27	1s20	12s16	16s27	11s50	12s10	18s46			n.a.
F 2	0 54	16 14	5 13	10 41	2 44	0 47	1 2	24 25	0 46	11 10	1 46	8 39	2 13	23 20	0 15	15 28	1 20	12 16	16 27	11 49	12 9	18 47			n.a.
S 3	1 18	13 31	5 11	10 28	2 36	1 18	1 0	24 28	0 48	11 12	1 46	8 37	2 13	23 20	0 15	15 28	1 20	12 16	16 27	11 48	12 8	18 47			n.a.
S 4	1 43	10 4	4 54	10 10	2 27	1 50	0 59	24 30	0 50	11 14	1 46	8 34	2 13	23 20	0 15	15 28	1 20	12 17	16 27	11 47	12 7	18 48			n.a.
M 5	2 7	6 1	4 21	9 47	2 16	2 22	0 57	24 33	0 51	11 16	1 46	8 31	2 14	23 20	0 15	15 29	1 20	12 17	16 27	11 45	12 6	18 48			n.a.
T 6	2 31	1 32	3 32	9 18	2 3	2 54	0 55	24 35	0 53	11 18	1 45	8 29	2 14	23 21	0 15	15 29	1 20	12 18	16 27	11 44	12 5	18 48			n.a.
W 7	2 55	3n 9	2 29	8 44	1 48	3 25	0 53	24 38	0 55	11 20	1 45	8 26	2 14	23 21	0 15	15 30	1 20	12 18	16 27	11 43	12 4	18 49			n.a.
T 8	3 20	7 44	1 15	8 5	1 31	3 57	0 51	24 40	0 57	11 22	1 45	8 24	2 14	23 21	0 15	15 30	1 20	12 19	16 27	11 42	12 2	18 49			n.a.
F 9	3 44	11 56	0s 5	7 21	1 13	4 28	0 49	24 42	0 58	11 24	1 45	8 21	2 14	23 21	0 15	15 30	1 20	12 19	16 27	11 42	12 1	18 50			n.a.
S 10	4 8	15 26	1 25	6 34	0 54	5 0	0 48	24 45	1 0	11 26	1 45	8 19	2 14	23 21	0 15	15 30	1 20	12 19	16 27	11 42	12 0	18 50			n.a.
S 11	4 32	17 55	2 39	5 44	0 34	5 31	0 46	24 47	1 2	11 27	1 44	8 16	2 14	23 21	0 15	15 31	1 20	12 20	16 27	11 43	11 59	18 50			n.a.
M12	4 56	19 13	3 42	4 54	0 13	6 2	0 44	24 49	1 4	11 29	1 44	8 14	2 14	23 22	0 15	15 31	1 20	12 20	16 27	11 43	11 58	18 51			n.a.
T 13	5 20	19 15	4 31	4 3	0n 8	6 33	0 41	24 51	1 6	11 31	1 44	8 11	2 14	23 22	0 15	15 31	1 20	12 21	16 27	11 44	11 57	18 51			n.a.
W14	5 44	18 4	5 3	3 14	0 28	7 4	0 39	24 53	1 8	11 32	1 44	8 9	2 15	23 22	0 15	15 32	1 20	12 21	16 26	11 44	11 56	18 52			n.a.
T 15	6 7	15 51	5 16	2 29	0 47	7 35	0 37	24 56	1 10	11 33	1 43	8 6	2 15	23 22	0 15	15 32	1 20	12 21	16 26	11 44	11 55	18 52			n.a.
F 16	6 31	12 47	5 11	1 48	1 5	8 6	0 35	24 58	1 12	11 35	1 43	8 4	2 15	23 22	0 15	15 32	1 20	12 22	16 26	11 43	11 53	18 52			n.a.
S 17	6 55	9 7	4 50	1 13	1 21	8 36	0 33	25 0	1 14	11 36	1 43	8 1	2 15	23 23	0 15	15 32	1 20	12 22	16 26	11 43	11 52	18 53			n.a.
S 18	7 18	5 3	4 13	0 43	1 36	9 6	0 31	25 2	1 16	11 37	1 43	7 59	2 15	23 23	0 15	15 33	1 20	12 23	16 26	11 42	11 51	18 53			n.a.
M19	7 42	0 50	3 24	0 20	1 49	9 36	0 29	25 4	1 18	11 38	1 42	7 56	2 15	23 23	0 15	15 33	1 20	12 23	16 26	11 42	11 50	18 53			n.a.
T 20	8 5	3s22	2 26	0 4	1 59	10 6	0 26	25 6	1 20	11 39	1 42	7 54	2 15	23 23	0 15	15 33	1 20	12 23	16 26	11 41	11 49	18 54			n.a.
W21	8 28	7 21	1 22	0n 6	2 8	10 36	0 24	25 8	1 22	11 40	1 42	7 52	2 16	23 24	0 15	15 33	1 20	12 24	16 26	11 41	11 48	18 54			n.a.
T 22	8 51	10 59	0 14	0 10	2 15	11 5	0 22	25 10	1 24	11 41	1 42	7 49	2 16	23 24	0 15	15 33	1 20	12 24	16 26	11 41	11 47	18 54			n.a.
F 23	9 14	14 5	0n53	0 9	2 21	11 34	0 19	25 12	1 27	11 42	1 41	7 47	2 16	23 24	0 15	15 34	1 20	12 24	16 26	11 41	11 46	18 55			n.a.
S 24	9 37	16 33	1 57	0 2	2 24	12 3	0 17	25 15	1 29	11 43	1 41	7 45	2 16	23 24	0 15	15 34	1 20	12 25	16 25	11 41	11 44	18 55			n.a.
S 25	9 59	18 17	2 55	0s 9	2 27	12 31	0 15	25 17	1 31	11 43	1 41	7 43	2 16	23 24	0 15	15 34	1 20	12 25	16 25	11 41	11 43	18 55			n.a.
M26	10 22	19 13	3 46	0 24	2 28	12 59	0 12	25 19	1 33	11 44	1 40	7 40	2 16	23 25	0 15	15 34	1 20	12 25	16 25	11 41	11 42	18 56			n.a.
T 27	10 44	19 17	4 27	0 44	2 28	13 27	0 10	25 21	1 35	11 44	1 40	7 38	2 17	23 25	0 15	15 34	1 20	12 25	16 25	11 41	11 41	18 56			n.a.
W28	11 6	18 31	4 57	1 6	2 27	13 54	0 8	25 23	1 38	11 45	1 40	7 36	2 17	23 25	0 15	15 34	1 20	12 26	16 25	11 42	11 40	18 56			n.a.
T 29	11 28	16 55	5 14	1 31	2 25	14 21	0 5	25 25	1 40	11 45	1 39	7 34	2 17	23 25	0 15	15 34	1 20	12 26	16 25	11 42	11 39	18 57			n.a.
F 30	11 50	14 32	5 17	1 59	2 22	14 48	0 3	25 28	1 42	11 45	1 39	7 32	2 17	23 26	0 15	15 34	1 20	12 26	16 25	11 42	11 38	18 57			n.a.
S 31	12s11	11s26	5n 6	2s29	2n19	15s14	0n 0	25n30	1n45	11s46	1s39	7n29	2n17	23s26	0s15	15s35	1s20	12s26	16s24	11s42	11s37	18s57			n.a.

Julian Day Number = 1498163.5, Delta T = 05h09m06s
Ecliptic obliquity = 23°46'01, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'55, Lahiri = -12°23'55 Julian Calendar 1 Oct. 612 BCE == Greg. Calendar 24 Sept. 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

NOVEMBER 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 13 54	2♏36'14	28♒46	12♎40	12♏ 0	2♋11	3°R51	16♍37	17♐46	22°R 7	6°R23	0♏12	29♎54	9♐53	n.a.	S 1
M 2	2 17 50	3°37'17	12♓ 5	13°54	13°15	2°17	3♓50	16°43	17°48	22♒ 7	6♈22	0°12	29°51	9°59	n.a.	M 2
T 3	2 21 47	4°38'21	25°50	15°10	14°30	2°23	3°49	16°48	17°51	22° 7	6°21	0°12	29°48	10° 6	n.a.	T 3
W 4	2 25 43	5°39'26	10♈ 2	16°29	15°46	2°28	3°49	16°54	17°54	22° 7	6°20	0°13	29°45	10°13	n.a.	W 4
T 5	2 29 40	6°40'32	24°37	17°49	17° 1	2°32	3°D49	16°59	17°57	22° 7	6°19	0°R13	29°41	10°19	n.a.	T 5
F 6	2 33 36	7°41'38	9♉29	19°11	18°16	2°36	3°49	17° 5	18° 0	22° 6	6°18	0°13	29°38	10°26	n.a.	F 6
S 7	2 37 33	8°42'45	24°32	20°34	19°32	2°38	3°49	17°10	18° 3	22° 6	6°17	0°13	29°35	10°33	n.a.	S 7
S 8	2 41 30	9°43'54	9♊35	21°59	20°47	2°40	3°49	17°16	18° 6	22° 6	6°16	0°12	29°32	10°39	n.a.	S 8
M 9	2 45 26	10°45'03	24°31	23°24	22° 2	2°42	3°50	17°21	18° 9	22° 6	6°15	0°10	29°29	10°46	n.a.	M 9
T 10	2 49 23	11°46'13	9♋12	24°51	23°18	2°R42	3°51	17°26	18°12	22°D 6	6°14	0° 9	29°25	10°53	n.a.	T 10
W11	2 53 19	12°47'24	23°32	26°18	24°33	2°42	3°52	17°31	18°15	22° 6	6°13	0° 8	29°22	10°59	n.a.	W11
T 12	2 57 16	13°48'36	7♌30	27°46	25°48	2°41	3°53	17°36	18°18	22° 6	6°13	0°D 7	29°19	11° 6	n.a.	T 12
F 13	3 1 12	14°49'48	21° 4	29°14	27° 4	2°39	3°55	17°41	18°21	22° 6	6°12	0° 7	29°16	11°13	n.a.	F 13
S 14	3 5 9	15°51'02	4♍17	0♏43	28°19	2°36	3°56	17°46	18°24	22° 6	6°11	0° 8	29°13	11°19	n.a.	S 14
S 15	3 9 6	16°52'16	17°10	2°13	29°34	2°33	3°58	17°51	18°27	22° 7	6°10	0° 9	29°10	11°26	n.a.	S 15
M16	3 13 2	17°53'31	29°46	3°43	0♐50	2°28	4° 0	17°56	18°30	22° 7	6° 9	0°11	29° 6	11°33	n.a.	M16
T 17	3 16 59	18°54'46	12♎ 9	5°13	2° 5	2°23	4° 3	18° 0	18°33	22° 7	6° 8	0°12	29° 3	11°40	n.a.	T 17
W18	3 20 55	19°56'03	24°21	6°44	3°20	2°17	4° 5	18° 5	18°36	22° 7	6° 8	0°R13	29° 0	11°46	n.a.	W18
T 19	3 24 52	20°57'19	6♏24	8°14	4°35	2°10	4° 8	18° 9	18°40	22° 8	6° 7	0°13	28°57	11°53	n.a.	T 19
F 20	3 28 48	21°58'36	18°21	9°46	5°51	2° 3	4°11	18°14	18°43	22° 8	6° 6	0°12	28°54	12° 0	n.a.	F 20
S 21	3 32 45	22°59'53	0♐14	11°17	7° 6	1°54	4°14	18°18	18°46	22° 8	6° 5	0° 9	28°51	12° 6	n.a.	S 21
S 22	3 36 41	24° 1'11	12° 4	12°49	8°21	1°45	4°17	18°22	18°50	22° 9	6° 5	0° 6	28°47	12°13	n.a.	S 22
M23	3 40 38	25° 2'28	23°53	14°21	9°36	1°35	4°20	18°27	18°53	22° 9	6° 4	0° 1	28°44	12°20	n.a.	M23
T 24	3 44 35	26° 3'46	5♑44	15°53	10°52	1°24	4°24	18°31	18°56	22°10	6° 3	29♎57	28°41	12°26	n.a.	T 24
W25	3 48 31	27° 5'04	17°39	17°26	12° 7	1°12	4°28	18°35	19° 0	22°10	6° 3	29°52	28°38	12°33	n.a.	W25
T 26	3 52 28	28° 6'21	29°41	18°59	13°22	0°59	4°32	18°39	19° 3	22°11	6° 2	29°48	28°35	12°40	n.a.	T 26
F 27	3 56 24	29° 7'38	11♒53	20°32	14°37	0°46	4°36	18°43	19° 6	22°11	6° 1	29°45	28°31	12°46	n.a.	F 27
S 28	4 0 21	0♐ 8'55	24°21	22° 6	15°52	0°32	4°41	18°46	19°10	22°12	6° 1	29°D44	28°28	12°53	n.a.	S 28
S 29	4 4 17	1°10'11	7♓ 7	23°39	17° 8	0°17	4°45	18°50	19°13	22°13	6° 0	29°44	28°25	13° 0	n.a.	S 29
M30	4 8 14	2♐11'27	20♓16	25♏13	18♐23	0♋ 1	4♓50	18♍54	19♐17	22♒13	5♈59	29♎45	28♎22	13♐ 6	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s33	7s42	4n39	3s 0	2n15	15s40	0s 2	25n32	1n47	11s46	1s39	7n27	2n17	23s26	0s15	15s35	1s19	12s27	16s24	11s42	11s35	18s58		n.a.
M 2	12 54	3 29	3 57	3 34	2 10	16 6	0 4	25 34	1 50	11 46	1 38	7 25	2 18	23 26	0 15	15 35	1 19	12 27	16 24	11 42	11 34	18 58		n.a.
T 3	13 15	1n 4	3 0	4 8	2 5	16 31	0 7	25 37	1 52	11 46	1 38	7 23	2 18	23 27	0 15	15 35	1 19	12 27	16 24	11 42	11 33	18 58		n.a.
W 4	13 35	5 42	1 50	4 43	2 0	16 56	0 9	25 39	1 55	11 45	1 38	7 21	2 18	23 27	0 15	15 35	1 19	12 27	16 24	11 42	11 32	18 59		n.a.
T 5	13 56	10 9	0 31	5 20	1 54	17 20	0 12	25 42	1 57	11 45	1 37	7 19	2 18	23 27	0 15	15 35	1 19	12 28	16 24	11 42	11 31	18 59		n.a.
F 6	14 16	14 2	0s51	5 57	1 48	17 44	0 14	25 44	2 0	11 45	1 37	7 17	2 18	23 27	0 15	15 35	1 19	12 28	16 23	11 42	11 30	18 59		n.a.
S 7	14 36	17 3	2 11	6 34	1 42	18 7	0 16	25 46	2 2	11 45	1 37	7 15	2 19	23 28	0 15	15 35	1 19	12 28	16 23	11 42	11 29	18 59		n.a.
S 8	14 56	18 52	3 22	7 12	1 36	18 30	0 19	25 49	2 5	11 44	1 36	7 13	2 19	23 28	0 15	15 35	1 19	12 28	16 23	11 42	11 27	19 0		n.a.
M 9	15 15	19 21	4 18	7 50	1 29	18 52	0 21	25 52	2 7	11 44	1 36	7 12	2 19	23 28	0 15	15 35	1 19	12 28	16 23	11 41	11 26	19 0		n.a.
T 10	15 34	18 31	4 56	8 29	1 22	19 14	0 24	25 54	2 10	11 43	1 36	7 10	2 19	23 29	0 15	15 35	1 19	12 28	16 23	11 41	11 25	19 0		n.a.
W11	15 53	16 31	5 15	9 7	1 15	19 35	0 26	25 57	2 12	11 42	1 35	7 8	2 19	23 29	0 15	15 35	1 19	12 29	16 22	11 40	11 24	19 1		n.a.
T 12	16 12	13 35	5 14	9 46	1 8	19 56	0 28	25 59	2 15	11 42	1 35	7 6	2 20	23 29	0 15	15 35	1 19	12 29	16 22	11 40	11 23	19 1		n.a.
F 13	16 30	10 0	4 56	10 24	1 1	20 16	0 31	26 2	2 18	11 41	1 35	7 4	2 20	23 29	0 15	15 35	1 19	12 29	16 22	11 40	11 22	19 1		n.a.
S 14	16 49	6 0	4 23	11 2	0 54	20 36	0 33	26 5	2 20	11 40	1 35	7 3	2 20	23 30	0 15	15 34	1 19	12 29	16 22	11 40	11 21	19 1		n.a.
S 15	17 6	1 49	3 36	11 40	0 47	20 55	0 35	26 8	2 23	11 39	1 34	7 1	2 20	23 30	0 15	15 34	1 19	12 29	16 21	11 41	11 19	19 2		n.a.
M16	17 24	2s21	2 41	12 18	0 40	21 13	0 38	26 10	2 26	11 38	1 34	6 59	2 21	23 30	0 15	15 34	1 19	12 29	16 21	11 41	11 18	19 2		n.a.
T 17	17 41	6 22	1 38	12 55	0 33	21 31	0 40	26 13	2 29	11 37	1 34	6 58	2 21	23 31	0 15	15 34	1 19	12 29	16 21	11 42	11 17	19 2		n.a.
W18	17 58	10 4	0 32	13 32	0 26	21 48	0 42	26 16	2 31	11 35	1 33	6 56	2 21	23 31	0 15	15 34	1 19	12 29	16 21	11 42	11 16	19 2		n.a.
T 19	18 14	13 18	0n34	14 9	0 19	22 4	0 44	26 19	2 34	11 34	1 33	6 54	2 21	23 31	0 15	15 34	1 19	12 29	16 20	11 42	11 15	19 3		n.a.
F 20	18 31	15 57	1 38	14 45	0 12	22 20	0 47	26 22	2 37	11 33	1 33	6 53	2 21	23 31	0 15	15 34	1 19	12 29	16 20	11 42	11 14	19 3		n.a.
S 21	18 46	17 54	2 38	15 21	0 5	22 36	0 49	26 25	2 39	11 31	1 32	6 51	2 22	23 32	0 15	15 34	1 19	12 30	16 20	11 41	11 13	19 3		n.a.
S 22	19 2	19 4	3 30	15 56	0s 2	22 50	0 51	26 27	2 42	11 30	1 32	6 50	2 22	23 32	0 15	15 33	1 19	12 30	16 20	11 40	11 11	19 3		n.a.
M23	19 17	19 24	4 14	16 30	0 9	23 4	0 53	26 30	2 45	11 28	1 32	6 48	2 22	23 32	0 15	15 33	1 19	12 30	16 19	11 38	11 10	19 4		n.a.
T 24	19 32	18 53	4 46	17 4	0 16	23 17	0 55	26 33	2 48	11 27	1 31	6 47	2 22	23 32	0 15	15 33	1 19	12 30	16 19	11 36	11 9	19 4		n.a.
W25	19 46	17 31	5 6	17 37	0 22	23 30	0 57	26 36	2 50	11 25	1 31	6 46	2 23	23 33	0 15	15 33	1 19	12 30	16 19	11 35	11 8	19 4		n.a.
T 26	20 1	15 23	5 13	18 10	0 29	23 41	0 59	26 39	2 53	11 23	1 31	6 44	2 23	23 33	0 15	15 33	1 19	12 30	16 18	11 33	11 7	19 4		n.a.
F 27	20 14	12 33	5 6	18 41	0 35	23 53	1 1	26 42	2 56	11 21	1 30	6 43	2 23	23 33	0 15	15 32	1 19	12 30	16 18	11 32	11 6	19 4		n.a.
S 28	20 28	9 6	4 45	19 12	0 41	24 3	1 3	26 44	2 58	11 19	1 30	6 42	2 23	23 34	0 15	15 32	1 19	12 30	16 18	11 32	11 5	19 5		n.a.
S 29	20 40	5 10	4 9	19 42	0 47	24 12	1 5	26 47	3 1	11 17	1 30	6 40	2 24	23 34	0 15	15 32	1 18	12 29	16 18	11 32	11 3	19 5		n.a.
M30	20s53	0s51	3n20	20s12	0s53	24s21	1s 7	26n50	3n 4	11s15	1s30	6n39	2n24	23s34	0s15	15s32	1s18	12s29	16s17	11s32	11s 2	19s 5		n.a.

Julian Day Number = 1498194.5, Delta T = 05h09m05s
Ecliptic obliquity = 23°46'01, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'51, Lahiri = -12°23'51 Julian Calendar 1 Nov. 612 BCE == Greg. Calendar 25 Oct. 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 612 BCE
geocentric

DECEMBER 612 BCE (-611) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 12 10	3♐12'43	3♈51	26♏48	19♐38	29°R45	4♓55	18♍57	19♐20	22♒14	5°R59	29♎47	28♎19	13♐13	n.a.	T 1
W 2	4 16 7	4°13'58	17°54	28°23	20°53	29♊28	5° 0	19° 0	19°23	22°15	5♈58	29°48	28°16	13°20	n.a.	W 2
T 3	4 20 4	5°15'12	2♉24	29°58	22° 8	29°10	5° 6	19° 4	19°27	22°16	5°58	29°R48	28°12	13°26	n.a.	T 3
F 4	4 24 0	6°16'27	17°17	1♐33	23°23	28°51	5°11	19° 7	19°30	22°16	5°57	29°47	28° 9	13°33	n.a.	F 4
S 5	4 27 57	7°17'41	2♊28	3° 9	24°38	28°32	5°17	19°10	19°34	22°17	5°57	29°44	28° 6	13°40	n.a.	S 5
S 6	4 31 53	8°18'54	17°47	4°45	25°53	28°13	5°23	19°13	19°37	22°18	5°56	29°39	28° 3	13°47	n.a.	S 6
M 7	4 35 50	9°20'07	3♋ 2	6°22	27° 8	27°53	5°29	19°16	19°41	22°19	5°56	29°33	28° 0	13°53	n.a.	M 7
T 8	4 39 46	10°21'20	18° 4	7°59	28°23	27°32	5°35	19°19	19°44	22°20	5°56	29°27	27°57	14° 0	n.a.	T 8
W 9	4 43 43	11°22'33	2♌43	9°37	29°38	27°11	5°42	19°22	19°48	22°21	5°55	29°21	27°53	14° 7	n.a.	W 9
T 10	4 47 40	12°23'45	16°55	11°15	0♍53	26°49	5°48	19°24	19°51	22°22	5°55	29°17	27°50	14°13	n.a.	T 10
F 11	4 51 36	13°24'57	0♎38	12°54	2° 8	26°27	5°55	19°27	19°55	22°23	5°54	29°14	27°47	14°20	n.a.	F 11
S 12	4 55 33	14°26'09	13°53	14°33	3°23	26° 4	6° 2	19°30	19°58	22°24	5°54	29°D13	27°44	14°27	n.a.	S 12
S 13	4 59 29	15°27'20	26°44	16°12	4°38	25°41	6° 9	19°32	20° 2	22°25	5°54	29°14	27°41	14°33	n.a.	S 13
M14	5 3 26	16°28'31	9♏13	17°52	5°53	25°18	6°16	19°34	20° 6	22°26	5°54	29°15	27°37	14°40	n.a.	M14
T 15	5 7 22	17°29'42	21°26	19°33	7° 8	24°55	6°24	19°36	20° 9	22°28	5°53	29°16	27°34	14°47	n.a.	T 15
W16	5 11 19	18°30'52	3♏28	21°14	8°23	24°31	6°31	19°38	20°13	22°29	5°53	29°R16	27°31	14°53	n.a.	W16
T 17	5 15 15	19°32'01	15°22	22°56	9°37	24° 7	6°39	19°40	20°16	22°30	5°53	29°15	27°28	15° 0	n.a.	T 17
F 18	5 19 12	20°33'10	27°13	24°38	10°52	23°43	6°47	19°42	20°20	22°31	5°53	29°11	27°25	15° 7	n.a.	F 18
S 19	5 23 9	21°34'18	9♐ 2	26°21	12° 7	23°19	6°55	19°44	20°23	22°33	5°52	29° 4	27°22	15°13	n.a.	S 19
S 20	5 27 5	22°35'26	20°51	28° 4	13°22	22°55	7° 3	19°46	20°27	22°34	5°52	28°55	27°18	15°20	n.a.	S 20
M21	5 31 2	23°36'32	2♑44	29°47	14°37	22°30	7°11	19°47	20°30	22°35	5°52	28°45	27°15	15°27	n.a.	M21
T 22	5 34 58	24°37'37	14°40	1♑31	15°52	22° 6	7°20	19°49	20°34	22°37	5°52	28°33	27°12	15°34	n.a.	T 22
W23	5 38 55	25°38'42	26°41	3°15	17° 6	21°42	7°28	19°50	20°37	22°38	5°52	28°22	27° 9	15°40	n.a.	W23
T 24	5 42 51	26°39'45	8♒50	5° 0	18°21	21°19	7°37	19°51	20°41	22°39	5°52	28°12	27° 6	15°47	n.a.	T 24
F 25	5 46 48	27°40'47	21° 7	6°45	19°36	20°55	7°46	19°53	20°45	22°41	5°52	28° 3	27° 3	15°54	n.a.	F 25
S 26	5 50 44	28°41'47	3♓37	8°29	20°50	20°32	7°55	19°54	20°48	22°42	5°52	27°58	26°59	16° 0	n.a.	S 26
S 27	5 54 41	29°42'46	16°21	10°14	22° 5	20° 9	8° 4	19°55	20°52	22°44	5°D52	27°55	26°56	16° 7	n.a.	S 27
M28	5 58 38	0♑43'44	29°23	11°59	23°20	19°46	8°13	19°55	20°55	22°45	5°52	27°D54	26°53	16°14	n.a.	M28
T 29	6 2 34	1°44'40	12♈47	13°43	24°34	19°24	8°22	19°56	20°59	22°47	5°52	27°54	26°50	16°20	n.a.	T 29
W30	6 6 31	2°45'34	26°35	15°27	25°49	19° 2	8°32	19°57	21° 2	22°49	5°52	27°R54	26°47	16°27	n.a.	W30
T 31	6 10 27	3♑46'27	10♉50	17♑ 9	27♑ 3	18♊41	8♓42	19♍57	21♐ 6	22♒50	5♈52	27♎54	26♎43	16♐34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21s 5	3n39	2n17	20s40	0s59	24s29	1s 8	26n52	3n 6	11s13	1s29	6n38	2n24	23s34	0s15	15s31	1s18	12s29	16s17	11s33	11s 1	19s 5			n.a.
W 2	21 17	8 6	1 5	21 7	1 5	24 37	1 10	26 55	3 9	11 11	1 29	6 37	2 24	23 35	0 15	15 31	1 18	12 29	16 17	11 33	11 0	19 5			n.a.
T 3	21 28	12 15	0s14	21 34	1 10	24 43	1 12	26 57	3 11	11 9	1 29	6 36	2 25	23 35	0 15	15 31	1 18	12 29	16 16	11 33	10 59	19 6			n.a.
F 4	21 39	15 43	1 34	21 59	1 15	24 49	1 14	26 59	3 14	11 6	1 28	6 35	2 25	23 35	0 15	15 31	1 18	12 29	16 16	11 33	10 58	19 6			n.a.
S 5	21 50	18 11	2 49	22 23	1 20	24 54	1 15	27 1	3 16	11 4	1 28	6 34	2 25	23 36	0 15	15 30	1 18	12 29	16 16	11 32	10 57	19 6			n.a.
S 6	22 0	19 21	3 52	22 46	1 25	24 59	1 17	27 4	3 18	11 1	1 28	6 33	2 25	23 36	0 15	15 30	1 18	12 29	16 15	11 30	10 55	19 6			n.a.
M 7	22 9	19 6	4 38	23 8	1 30	25 2	1 18	27 6	3 21	10 59	1 28	6 32	2 26	23 36	0 15	15 30	1 18	12 29	16 15	11 28	10 54	19 6			n.a.
T 8	22 18	17 30	5 4	23 29	1 34	25 5	1 20	27 7	3 23	10 56	1 27	6 31	2 26	23 36	0 15	15 29	1 18	12 29	16 15	11 26	10 53	19 7			n.a.
W 9	22 27	14 48	5 9	23 49	1 38	25 7	1 21	27 9	3 25	10 54	1 27	6 30	2 26	23 37	0 15	15 29	1 18	12 29	16 14	11 24	10 52	19 7			n.a.
T 10	22 35	11 17	4 56	24 7	1 42	25 8	1 22	27 11	3 27	10 51	1 27	6 29	2 27	23 37	0 15	15 28	1 18	12 28	16 14	11 22	10 51	19 7			n.a.
F 11	22 43	7 16	4 25	24 24	1 46	25 9	1 24	27 12	3 29	10 48	1 26	6 29	2 27	23 37	0 15	15 28	1 18	12 28	16 14	11 21	10 50	19 7			n.a.
S 12	22 51	3 2	3 41	24 40	1 49	25 8	1 25	27 13	3 31	10 45	1 26	6 28	2 27	23 38	0 15	15 28	1 18	12 28	16 13	11 21	10 48	19 7			n.a.
S 13	22 58	1s14	2 47	24 54	1 52	25 7	1 26	27 15	3 33	10 42	1 26	6 27	2 27	23 38	0 15	15 27	1 18	12 28	16 13	11 21	10 47	19 7			n.a.
M14	23 4	5 20	1 46	25 6	1 55	25 5	1 27	27 16	3 35	10 39	1 26	6 27	2 28	23 38	0 15	15 27	1 18	12 28	16 13	11 21	10 46	19 8			n.a.
T 15	23 10	9 7	0 42	25 17	1 57	25 2	1 28	27 16	3 37	10 36	1 25	6 26	2 28	23 38	0 15	15 26	1 18	12 27	16 12	11 22	10 45	19 8			n.a.
W16	23 16	12 29	0n23	25 27	1 59	24 59	1 29	27 17	3 38	10 33	1 25	6 25	2 28	23 39	0 15	15 26	1 18	12 27	16 12	11 22	10 44	19 8			n.a.
T 17	23 21	15 18	1 26	25 35	2 0	24 55	1 30	27 18	3 40	10 30	1 25	6 25	2 29	23 39	0 15	15 26	1 18	12 27	16 12	11 21	10 43	19 8			n.a.
F 18	23 25	17 27	2 25	25 41	2 1	24 50	1 31	27 18	3 41	10 27	1 24	6 24	2 29	23 39	0 15	15 25	1 18	12 27	16 11	11 20	10 42	19 8			n.a.
S 19	23 30	18 52	3 17	25 45	2 2	24 44	1 32	27 18	3 43	10 24	1 24	6 24	2 29	23 39	0 15	15 25	1 18	12 27	16 11	11 18	10 40	19 8			n.a.
S 20	23 33	19 27	4 1	25 48	2 2	24 37	1 33	27 18	3 44	10 20	1 24	6 23	2 29	23 40	0 15	15 24	1 18	12 26	16 11	11 14	10 39	19 8			n.a.
M21	23 37	19 10	4 34	25 48	2 2	24 30	1 33	27 18	3 45	10 17	1 24	6 23	2 30	23 40	0 15	15 24	1 18	12 26	16 10	11 11	10 38	19 9			n.a.
T 22	23 39	18 3	4 56	25 47	2 2	24 22	1 34	27 18	3 46	10 14	1 23	6 23	2 30	23 40	0 15	15 23	1 18	12 26	16 10	11 6	10 37	19 9			n.a.
W23	23 42	16 8	5 4	25 44	2 0	24 13	1 34	27 17	3 47	10 10	1 23	6 22	2 30	23 41	0 15	15 23	1 18	12 25	16 10	11 2	10 36	19 9			n.a.
T 24	23 43	13 29	4 59	25 39	1 59	24 3	1 35	27 16	3 48	10 7	1 23	6 22	2 31	23 41	0 15	15 22	1 18	12 25	16 9	10 59	10 35	19 9			n.a.
F 25	23 45	10 14	4 40	25 32	1 56	23 53	1 35	27 16	3 49	10 3	1 23	6 22	2 31	23 41	0 15	15 22	1 18	12 25	16 9	10 56	10 33	19 9			n.a.
S 26	23 46	6 28	4 8	25 23	1 54	23 42	1 36	27 15	3 50	9 59	1 22	6 22	2 31	23 41	0 15	15 21	1 18	12 25	16 9	10 54	10 32	19 9			n.a.
S 27	23 46	2 21	3 23	25 12	1 50	23 30	1 36	27 13	3 50	9 56	1 22	6 22	2 31	23 42	0 15	15 21	1 18	12 24	16 8	10 52	10 31	19 9			n.a.
M28	23 46	1n59	2 26	24 58	1 46	23 18	1 36	27 12	3 51	9 52	1 22	6 22	2 32	23 42	0 15	15 20	1 18	12 24	16 8	10 52	10 30	19 9			n.a.
T 29	23 45	6 20	1 20	24 43	1 41	23 5	1 36	27 11	3 51	9 48	1 22	6 22	2 32	23 42	0 15	15 20	1 18	12 24	16 7	10 52	10 29	19 9			n.a.
W30	23 44	10 30	0 7	24 26	1 35	22 51	1 36	27 9	3 52	9 44	1 21	6 22	2 32	23 42	0 15	15 19	1 18	12 23	16 7	10 52	10 28	19 10			n.a.
T 31	23s43	14n12	1s 8	24s 7	1s29	22s36	1s36	27n 8	3n52	9s40	1s21	6n22	2n33	23s43	0s15	15s19	1s18	12s23	16s 7	10s52	10s26	19s10			n.a.

Julian Day Number = 1498224.5, Delta T = 05h09m03s
Ecliptic obliquity = 23°46'00, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'47, Lahiri = -12°23'47 Julian Calendar 1 Dec. 612 BCE == Greg. Calendar 24 Nov. 612 BCE

The year -611 astronomical counting style corresponds to year 612 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

JANUARY 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 14 24	4♉47'19	25♉29	18♉51	28♉18	18°R20	8♓51	19♍58	21♐ 9	22♒52	5♈52	27°R51	26♎40	16♐40	n.a.	F 1
S 2	6 18 20	5°48'09	10♊29	20°31	29°32	17♊59	9° 1	19°58	21°13	22°54	5°52	27♎46	26°37	16°47	n.a.	S 2
S 3	6 22 17	6°48'57	25°42	22°10	0♒47	17°40	9°11	19°58	21°16	22°55	5°52	27°37	26°34	16°54	n.a.	S 3
M 4	6 26 14	7°49'44	10♋58	23°45	2° 1	17°21	9°21	19°59	21°19	22°57	5°52	27°27	26°31	17° 1	n.a.	M 4
T 5	6 30 10	8°50'30	26° 6	25°19	3°15	17° 2	9°32	19°R59	21°23	22°59	5°53	27°16	26°28	17° 7	n.a.	T 5
W 6	6 34 7	9°51'14	10♌56	26°48	4°30	16°44	9°42	19°58	21°26	23° 0	5°53	27° 6	26°24	17°14	n.a.	W 6
T 7	6 38 3	10°51'57	25°20	28°14	5°44	16°27	9°52	19°58	21°30	23° 2	5°53	26°57	26°21	17°21	n.a.	T 7
F 8	6 42 0	11°52'39	9♍14	29°35	6°58	16°10	10° 3	19°58	21°33	23° 4	5°53	26°51	26°18	17°27	n.a.	F 8
S 9	6 45 56	12°53'19	22°37	0♒51	8°12	15°54	10°14	19°58	21°37	23° 6	5°54	26°47	26°15	17°34	n.a.	S 9
S 10	6 49 53	13°53'58	5♎33	2° 1	9°27	15°39	10°24	19°57	21°40	23° 8	5°54	26°45	26°12	17°41	n.a.	S 10
M11	6 53 49	14°54'35	18° 4	3° 4	10°41	15°24	10°35	19°56	21°43	23° 9	5°54	26°D45	26° 8	17°47	n.a.	M11
T 12	6 57 46	15°55'12	0♏17	3°59	11°55	15°11	10°46	19°56	21°47	23°11	5°55	26°R45	26° 5	17°54	n.a.	T 12
W13	7 1 43	16°55'47	12°17	4°47	13° 9	14°58	10°57	19°55	21°50	23°13	5°55	26°44	26° 2	18° 1	n.a.	W13
T 14	7 5 39	17°56'20	24° 8	5°25	14°23	14°46	11° 9	19°54	21°53	23°15	5°55	26°41	25°59	18° 7	n.a.	T 14
F 15	7 9 36	18°56'52	5♐56	5°54	15°37	14°34	11°20	19°53	21°56	23°17	5°56	26°36	25°56	18°14	n.a.	F 15
S 16	7 13 32	19°57'23	17°45	6°14	16°51	14°23	11°31	19°52	22° 0	23°19	5°56	26°27	25°53	18°21	n.a.	S 16
S 17	7 17 29	20°57'52	29°37	6°R23	18° 5	14°14	11°43	19°51	22° 3	23°21	5°57	26°16	25°49	18°28	n.a.	S 17
M18	7 21 25	21°58'19	11♑34	6°22	19°19	14° 5	11°54	19°49	22° 6	23°23	5°57	26° 2	25°46	18°34	n.a.	M18
T 19	7 25 22	22°58'45	23°38	6°11	20°33	13°56	12° 6	19°48	22° 9	23°25	5°58	25°47	25°43	18°41	n.a.	T 19
W20	7 29 18	23°59'08	5♒51	5°50	21°46	13°49	12°18	19°46	22°12	23°27	5°58	25°33	25°40	18°48	n.a.	W20
T 21	7 33 15	24°59'30	18°12	5°20	23° 0	13°42	12°30	19°45	22°16	23°29	5°59	25°19	25°37	18°54	n.a.	T 21
F 22	7 37 12	25°59'50	0♓42	4°41	24°14	13°36	12°42	19°43	22°19	23°31	5°59	25° 8	25°34	19° 1	n.a.	F 22
S 23	7 41 8	27° 0'08	13°23	3°55	25°28	13°31	12°54	19°41	22°22	23°33	6° 0	25° 0	25°30	19° 8	n.a.	S 23
S 24	7 45 5	28° 0'23	26°15	3° 3	26°41	13°27	13° 6	19°39	22°25	23°35	6° 0	24°55	25°27	19°14	n.a.	S 24
M25	7 49 1	29° 0'37	9♈22	2° 5	27°55	13°24	13°18	19°37	22°28	23°37	6° 1	24°53	25°24	19°21	n.a.	M25
T 26	7 52 58	0♒ 0'48	22°44	1° 4	29° 8	13°21	13°30	19°35	22°31	23°40	6° 2	24°53	25°21	19°28	n.a.	T 26
W27	7 56 54	1° 0'57	6♉25	0° 2	0♓22	13°19	13°42	19°33	22°34	23°42	6° 2	24°53	25°18	19°35	n.a.	W27
T 28	8 0 51	2° 1'04	20°26	28♉58	1°35	13°18	13°55	19°31	22°37	23°44	6° 3	24°52	25°14	19°41	n.a.	T 28
F 29	8 4 47	3° 1'08	4♊46	27°56	2°49	13°D18	14° 7	19°28	22°40	23°46	6° 4	24°49	25°11	19°48	n.a.	F 29
S 30	8 8 44	4° 1'11	19°25	26°57	4° 2	13°18	14°20	19°26	22°43	23°48	6° 4	24°43	25° 8	19°55	n.a.	S 30
S 31	8 12 40	5♒ 1'11	4♋18	26♉ 0	5♓15	13♊19	14♓32	19♍23	22♐45	23♒50	6♈ 5	24♎35	25♎ 5	20♐ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s41	17n 7	2s21	23s46	1s22	22s21	1s36	27n 6	3n52	9s36	1s21	6n22	2n33	23s43	0s15	15s18	1s17	12s23	16s 6	10s51	10s25	19s10		n.a.
S 2	23 38	18 56	3 26	23 23	1 14	22 5	1 36	27 4	3 52	9 32	1 21	6 22	2 33	23 43	0 15	15 17	1 17	12 22	16 6	10 49	10 24	19 10		n.a.
S 3	23 35	19 25	4 17	22 59	1 5	21 49	1 36	27 2	3 52	9 28	1 21	6 22	2 33	23 43	0 15	15 17	1 17	12 22	16 6	10 46	10 23	19 10		n.a.
M 4	23 32	18 30	4 50	22 33	0 55	21 32	1 35	27 0	3 52	9 24	1 20	6 22	2 34	23 44	0 15	15 16	1 17	12 21	16 5	10 43	10 22	19 10		n.a.
T 5	23 28	16 16	5 2	22 6	0 45	21 14	1 35	26 58	3 52	9 20	1 20	6 23	2 34	23 44	0 15	15 16	1 17	12 21	16 5	10 39	10 21	19 10		n.a.
W 6	23 24	13 1	4 53	21 38	0 33	20 56	1 35	26 56	3 52	9 16	1 20	6 23	2 34	23 44	0 15	15 15	1 17	12 21	16 5	10 35	10 20	19 10		n.a.
T 7	23 19	9 5	4 26	21 9	0 21	20 37	1 34	26 54	3 51	9 12	1 20	6 23	2 35	23 44	0 15	15 14	1 17	12 20	16 4	10 31	10 18	19 10		n.a.
F 8	23 14	4 46	3 44	20 39	0 8	20 17	1 33	26 52	3 51	9 8	1 19	6 24	2 35	23 45	0 15	15 14	1 17	12 20	16 4	10 29	10 17	19 10		n.a.
S 9	23 8	0 22	2 51	20 9	0n 6	19 57	1 33	26 50	3 51	9 3	1 19	6 24	2 35	23 45	0 15	15 13	1 17	12 19	16 4	10 28	10 16	19 10		n.a.
S 10	23 2	3s55	1 50	19 39	0 20	19 37	1 32	26 47	3 50	8 59	1 19	6 24	2 35	23 45	0 15	15 13	1 17	12 19	16 3	10 27	10 15	19 10		n.a.
M11	22 55	7 53	0 46	19 10	0 35	19 15	1 31	26 45	3 49	8 55	1 19	6 25	2 36	23 45	0 15	15 12	1 17	12 18	16 3	10 27	10 14	19 10		n.a.
T 12	22 48	11 26	0n19	18 42	0 51	18 54	1 30	26 43	3 49	8 50	1 19	6 25	2 36	23 45	0 15	15 11	1 17	12 18	16 3	10 27	10 12	19 11		n.a.
W13	22 41	14 27	1 21	18 15	1 7	18 31	1 29	26 41	3 48	8 46	1 18	6 26	2 36	23 46	0 15	15 11	1 17	12 18	16 2	10 27	10 11	19 11		n.a.
T 14	22 33	16 49	2 20	17 49	1 24	18 9	1 28	26 39	3 47	8 41	1 18	6 27	2 36	23 46	0 15	15 10	1 17	12 17	16 2	10 26	10 10	19 11		n.a.
F 15	22 24	18 27	3 11	17 26	1 41	17 45	1 27	26 36	3 46	8 37	1 18	6 27	2 37	23 46	0 15	15 9	1 17	12 17	16 1	10 24	10 9	19 11		n.a.
S 16	22 16	19 18	3 55	17 5	1 57	17 22	1 26	26 34	3 46	8 32	1 18	6 28	2 37	23 46	0 15	15 9	1 17	12 16	16 1	10 21	10 8	19 11		n.a.
S 17	22 6	19 18	4 28	16 47	2 14	16 58	1 25	26 32	3 45	8 28	1 18	6 29	2 37	23 47	0 15	15 8	1 17	12 16	16 1	10 16	10 7	19 11		n.a.
M18	21 57	18 26	4 50	16 31	2 30	16 33	1 23	26 30	3 44	8 23	1 17	6 30	2 38	23 47	0 15	15 7	1 17	12 15	16 0	10 11	10 5	19 11		n.a.
T 19	21 47	16 45	4 59	16 19	2 45	16 8	1 22	26 28	3 43	8 18	1 17	6 30	2 38	23 47	0 15	15 7	1 17	12 15	16 0	10 6	10 4	19 11		n.a.
W20	21 36	14 18	4 55	16 11	2 59	15 42	1 20	26 26	3 42	8 13	1 17	6 31	2 38	23 47	0 15	15 6	1 17	12 14	16 0	10 1	10 3	19 11		n.a.
T 21	21 25	11 12	4 36	16 5	3 12	15 17	1 19	26 24	3 41	8 9	1 17	6 32	2 38	23 47	0 15	15 5	1 17	12 14	15 59	9 56	10 2	19 11		n.a.
F 22	21 14	7 34	4 5	16 4	3 24	14 50	1 17	26 22	3 39	8 4	1 17	6 33	2 39	23 48	0 15	15 4	1 17	12 13	15 59	9 52	10 1	19 11		n.a.
S 23	21 3	3 33	3 20	16 5	3 33	14 24	1 16	26 21	3 38	7 59	1 17	6 34	2 39	23 48	0 15	15 4	1 17	12 13	15 59	9 49	10 0	19 11		n.a.
S 24	20 51	0n42	2 25	16 9	3 41	13 57	1 14	26 19	3 37	7 54	1 16	6 35	2 39	23 48	0 15	15 3	1 17	12 12	15 58	9 47	9 58	19 11		n.a.
M25	20 38	5 0	1 21	16 17	3 47	13 29	1 12	26 17	3 36	7 49	1 16	6 36	2 39	23 48	0 15	15 2	1 17	12 11	15 58	9 46	9 57	19 11		n.a.
T 26	20 25	9 8	0 11	16 26	3 51	13 1	1 10	26 16	3 35	7 44	1 16	6 37	2 40	23 48	0 15	15 2	1 17	12 11	15 58	9 46	9 56	19 11		n.a.
W27	20 12	12 53	1s 1	16 38	3 52	12 33	1 8	26 14	3 33	7 39	1 16	6 38	2 40	23 48	0 15	15 1	1 17	12 10	15 57	9 46	9 55	19 11		n.a.
T 28	19 59	16 0	2 11	16 52	3 52	12 5	1 6	26 13	3 32	7 34	1 16	6 39	2 40	23 49	0 15	15 0	1 17	12 10	15 57	9 45	9 54	19 11		n.a.
F 29	19 45	18 12	3 14	17 7	3 49	11 36	1 4	26 12	3 31	7 29	1 16	6 40	2 40	23 49	0 15	14 59	1 17	12 9	15 57	9 44	9 53	19 11		n.a.
S 30	19 31	19 15	4 6	17 23	3 44	11 7	1 2	26 10	3 30	7 24	1 15	6 42	2 41	23 49	0 15	14 59	1 17	12 9	15 57	9 42	9 51	19 11		n.a.
S 31	19s16	18n59	4s42	17s40	3n38	10s38	1s 0	26n 9	3n28	7s19	1s15	6n43	2n41	23s49	0s15	14s58	1s17	12s 8	15s56	9s39	9s50	19s11		n.a.

Julian Day Number = 1498255.5, Delta T = 05h09m02s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'43, Lahiri = -12°23'42 Julian Calendar 1 Jan. 611 BCE == Greg. Calendar 25 Dec. 612 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

FEBRUARY 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 16 37	6♒ 1'09	19♋16	25°R 9	6♓28	13♊21	14♓45	19°R21	22♐48	23♒52	6♈ 6	24°R25	25♎ 2	20♐ 8	n.a.	M 1
T 2	8 20 34	7° 1'04	4♌10	24♉23	7°41	13°23	14°58	19♍18	22°51	23°55	6° 7	24♎13	24°59	20°15	n.a.	T 2
W 3	8 24 30	8° 0'58	18°53	23°43	8°54	13°27	15°11	19°15	22°54	23°57	6° 7	24° 2	24°55	20°21	n.a.	W 3
T 4	8 28 27	9° 0'50	3♍14	23° 9	10° 7	13°30	15°24	19°12	22°57	23°59	6° 8	23°53	24°52	20°28	n.a.	T 4
F 5	8 32 23	10° 0'39	17°10	22°41	11°20	13°35	15°37	19°10	22°59	24° 1	6° 9	23°45	24°49	20°35	n.a.	F 5
S 6	8 36 20	11° 0'27	0♎38	22°20	12°33	13°40	15°50	19° 7	23° 2	24° 3	6°10	23°41	24°46	20°42	n.a.	S 6
S 7	8 40 16	12° 0'13	13°39	22° 6	13°46	13°46	16° 3	19° 3	23° 5	24° 6	6°11	23°39	24°43	20°48	n.a.	S 7
M 8	8 44 13	12°59'57	26°16	21°59	14°59	13°53	16°16	19° 0	23° 7	24° 8	6°12	23°D38	24°40	20°55	n.a.	M 8
T 9	8 48 9	13°59'39	8♏33	21°D57	16°11	14° 0	16°29	18°57	23°10	24°10	6°12	23°R39	24°36	21° 2	n.a.	T 9
W10	8 52 6	14°59'19	20°35	22° 2	17°24	14° 8	16°42	18°54	23°12	24°12	6°13	23°39	24°33	21° 8	n.a.	W10
T 11	8 56 3	15°58'58	2♐29	22°12	18°37	14°16	16°55	18°50	23°15	24°15	6°14	23°37	24°30	21°15	n.a.	T 11
F 12	8 59 59	16°58'34	14°18	22°28	19°49	14°25	17° 9	18°47	23°17	24°17	6°15	23°34	24°27	21°22	n.a.	F 12
S 13	9 3 56	17°58'09	26° 8	22°49	21° 1	14°35	17°22	18°43	23°20	24°19	6°16	23°27	24°24	21°28	n.a.	S 13
S 14	9 7 52	18°57'42	8♑ 3	23°15	22°14	14°45	17°35	18°40	23°22	24°21	6°17	23°19	24°20	21°35	n.a.	S 14
M15	9 11 49	19°57'13	20° 6	23°45	23°26	14°55	17°49	18°36	23°24	24°24	6°18	23° 8	24°17	21°42	n.a.	M15
T 16	9 15 45	20°56'42	2♒19	24°20	24°38	15° 7	18° 3	18°32	23°27	24°26	6°19	22°57	24°14	21°49	n.a.	T 16
W17	9 19 42	21°56'08	14°44	24°59	25°50	15°19	18°16	18°28	23°29	24°28	6°20	22°45	24°11	21°55	n.a.	W17
T 18	9 23 38	22°55'33	27°21	25°42	27° 2	15°31	18°30	18°25	23°31	24°31	6°21	22°34	24° 8	22° 2	n.a.	T 18
F 19	9 27 35	23°54'55	10♓ 9	26°29	28°14	15°44	18°43	18°21	23°33	24°33	6°22	22°25	24° 5	22° 9	n.a.	F 19
S 20	9 31 32	24°54'15	23° 9	27°18	29°26	15°57	18°57	18°17	23°35	24°35	6°23	22°19	24° 1	22°15	n.a.	S 20
S 21	9 35 28	25°53'33	6♈20	28°12	0♈38	16°11	19°11	18°13	23°37	24°37	6°24	22°16	23°58	22°22	n.a.	S 21
M22	9 39 25	26°52'48	19°43	29° 8	1°50	16°26	19°25	18° 9	23°40	24°40	6°25	22°D14	23°55	22°29	n.a.	M22
T 23	9 43 21	27°52'01	3♉17	0♒ 6	3° 2	16°40	19°38	18° 5	23°42	24°42	6°26	22°15	23°52	22°35	n.a.	T 23
W24	9 47 18	28°51'12	17° 3	1° 8	4°13	16°56	19°52	18° 1	23°43	24°44	6°28	22°16	23°49	22°42	n.a.	W24
T 25	9 51 14	29°50'20	1♊ 1	2°12	5°25	17°12	20° 6	17°56	23°45	24°46	6°29	22°R16	23°46	22°49	n.a.	T 25
F 26	9 55 11	0♓49'26	15°11	3°19	6°36	17°28	20°20	17°52	23°47	24°49	6°30	22°15	23°42	22°56	n.a.	F 26
S 27	9 59 7	1°48'29	29°32	4°28	7°47	17°44	20°34	17°48	23°49	24°51	6°31	22°12	23°39	23° 2	n.a.	S 27
S 28	10 3 4	2♓47'30	14♋ 0	5♒39	8♈58	18♊ 2	20♓48	17♍44	23♐51	24♒53	6♈32	22♎ 7	23♎36	23♐ 9	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s 1	17n25	5s 0	17s58	3n30	10s 9	0s57	26n 8	3n27	7s14	1s15	6n44	2n41	23s49	0s15	14s57	1s17	12s 8	15s56	9s35	9s49	19s11		n.a.
T 2	18 46	14 41	4 56	18 15	3 20	9 39	0 55	26 7	3 26	7 9	1 15	6 45	2 41	23 50	0 15	14 56	1 17	12 7	15 56	9 31	9 48	19 11		n.a.
W 3	18 31	11 2	4 33	18 33	3 9	9 9	0 53	26 6	3 24	7 4	1 15	6 47	2 42	23 50	0 15	14 56	1 17	12 6	15 55	9 27	9 47	19 11		n.a.
T 4	18 15	6 50	3 54	18 50	2 58	8 39	0 50	26 5	3 23	6 59	1 15	6 48	2 42	23 50	0 15	14 55	1 17	12 6	15 55	9 23	9 46	19 11		n.a.
F 5	17 59	2 22	3 1	19 7	2 45	8 9	0 48	26 5	3 22	6 54	1 15	6 49	2 42	23 50	0 15	14 54	1 17	12 5	15 55	9 21	9 44	19 11		n.a.
S 6	17 42	2s 4	1 59	19 23	2 32	7 38	0 45	26 4	3 20	6 48	1 14	6 51	2 42	23 50	0 15	14 54	1 17	12 5	15 54	9 19	9 43	19 11		n.a.
S 7	17 26	6 16	0 53	19 38	2 19	7 7	0 43	26 3	3 19	6 43	1 14	6 52	2 42	23 50	0 15	14 53	1 17	12 4	15 54	9 18	9 42	19 11		n.a.
M 8	17 9	10 3	0n14	19 53	2 5	6 36	0 40	26 3	3 18	6 38	1 14	6 54	2 43	23 51	0 15	14 52	1 17	12 3	15 54	9 18	9 41	19 11		n.a.
T 9	16 51	13 18	1 18	20 7	1 52	6 5	0 37	26 2	3 16	6 32	1 14	6 55	2 43	23 51	0 15	14 51	1 17	12 3	15 54	9 18	9 40	19 11		n.a.
W10	16 34	15 55	2 18	20 19	1 38	5 34	0 34	26 2	3 15	6 27	1 14	6 57	2 43	23 51	0 15	14 50	1 17	12 2	15 53	9 18	9 38	19 11		n.a.
T 11	16 16	17 49	3 11	20 31	1 24	5 3	0 32	26 2	3 13	6 22	1 14	6 58	2 43	23 51	0 16	14 50	1 17	12 2	15 53	9 18	9 37	19 11		n.a.
F 12	15 58	18 56	3 56	20 42	1 11	4 31	0 29	26 1	3 12	6 16	1 14	7 0	2 43	23 51	0 16	14 49	1 17	12 1	15 53	9 16	9 36	19 11		n.a.
S 13	15 39	19 13	4 30	20 51	0 58	4 0	0 26	26 1	3 11	6 11	1 14	7 1	2 44	23 51	0 16	14 48	1 17	12 0	15 53	9 14	9 35	19 10		n.a.
S 14	15 21	18 39	4 53	21 0	0 45	3 28	0 23	26 1	3 9	6 6	1 13	7 3	2 44	23 51	0 16	14 47	1 17	12 0	15 52	9 11	9 34	19 10		n.a.
M15	15 2	17 15	5 3	21 7	0 32	2 57	0 20	26 1	3 8	6 0	1 13	7 5	2 44	23 52	0 16	14 47	1 17	11 59	15 52	9 7	9 33	19 10		n.a.
T 16	14 43	15 3	4 59	21 13	0 20	2 25	0 17	26 1	3 7	5 55	1 13	7 6	2 44	23 52	0 16	14 46	1 17	11 58	15 52	9 2	9 31	19 10		n.a.
W17	14 23	12 9	4 41	21 18	0 8	1 53	0 14	26 1	3 5	5 49	1 13	7 8	2 44	23 52	0 16	14 45	1 17	11 58	15 51	8 58	9 30	19 10		n.a.
T 18	14 4	8 39	4 10	21 21	0s 4	1 21	0 11	26 1	3 4	5 44	1 13	7 10	2 44	23 52	0 16	14 44	1 17	11 57	15 51	8 54	9 29	19 10		n.a.
F 19	13 44	4 42	3 25	21 23	0 15	0 49	0 7	26 1	3 3	5 38	1 13	7 11	2 45	23 52	0 16	14 44	1 17	11 57	15 51	8 51	9 28	19 10		n.a.
S 20	13 24	0 29	2 29	21 24	0 26	0 17	0 4	26 1	3 1	5 33	1 13	7 13	2 45	23 52	0 16	14 43	1 17	11 56	15 51	8 48	9 27	19 10		n.a.
S 21	13 4	3n50	1 24	21 24	0 36	0n15	0 1	26 1	3 0	5 27	1 13	7 15	2 45	23 52	0 16	14 42	1 17	11 55	15 51	8 47	9 25	19 10		n.a.
M22	12 43	8 1	0 14	21 22	0 46	0 46	0n 2	26 1	2 59	5 21	1 13	7 16	2 45	23 52	0 16	14 41	1 17	11 55	15 50	8 46	9 24	19 10		n.a.
T 23	12 23	11 51	0s59	21 18	0 55	1 18	0 6	26 2	2 57	5 16	1 12	7 18	2 45	23 53	0 16	14 41	1 17	11 54	15 50	8 47	9 23	19 10		n.a.
W24	12 2	15 6	2 9	21 13	1 4	1 50	0 9	26 2	2 56	5 10	1 12	7 20	2 45	23 53	0 16	14 40	1 17	11 53	15 50	8 47	9 22	19 10		n.a.
T 25	11 41	17 30	3 13	21 7	1 13	2 22	0 12	26 2	2 55	5 5	1 12	7 22	2 45	23 53	0 16	14 39	1 17	11 53	15 50	8 47	9 21	19 10		n.a.
F 26	11 20	18 52	4 6	20 59	1 21	2 54	0 16	26 2	2 53	4 59	1 12	7 24	2 46	23 53	0 16	14 38	1 17	11 52	15 49	8 47	9 19	19 9		n.a.
S 27	10 59	19 2	4 44	20 50	1 28	3 25	0 19	26 3	2 52	4 53	1 12	7 25	2 46	23 53	0 16	14 38	1 17	11 52	15 49	8 46	9 18	19 9		n.a.
S 28	10s37	17n59	5s 4	20s39	1s35	3n57	0n23	26n 3	2n51	4s48	1s12	7n27	2n46	23s53	0s16	14s37	1s17	11s51	15s49	8s44	9s17	19s 9		n.a.

Julian Day Number = 1498286.5, Delta T = 05h09m00s
Ecliptic obliquity = 23°46'00, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'39, Lahiri = -12°23'38 Julian Calendar 1 Feb. 611 BCE == Greg. Calendar 25 Jan. 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

MARCH 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 7 0	3♓46'29	28♋31	6♒53	10♈10	18♊19	21♓ 2	17°R39	23♐53	24♒55	6♈33	22°R 1	23♎33	23♐16	n.a.	M 1
T 2	10 10 57	4°45'25	13♌ 0	8° 8	11°21	18°37	21°16	17♍35	23°54	24°58	6°34	21♎53	23°30	23°22	n.a.	T 2
W 3	10 14 54	5°44'19	27°19	9°25	12°31	18°55	21°30	17°30	23°56	25° 0	6°36	21°46	23°26	23°29	n.a.	W 3
T 4	10 18 50	6°43'10	11♍22	10°45	13°42	19°14	21°44	17°26	23°58	25° 2	6°37	21°39	23°23	23°36	n.a.	T 4
F 5	10 22 47	7°42'00	25° 6	12° 6	14°53	19°33	21°58	17°22	23°59	25° 4	6°38	21°35	23°20	23°42	n.a.	F 5
S 6	10 26 43	8°40'47	8♎28	13°29	16° 4	19°53	22°12	17°17	24° 1	25° 7	6°39	21°32	23°17	23°49	n.a.	S 6
S 7	10 30 40	9°39'33	21°27	14°54	17°14	20°12	22°26	17°13	24° 2	25° 9	6°41	21°D31	23°14	23°56	n.a.	S 7
M 8	10 34 36	10°38'16	4♏ 5	16°21	18°24	20°33	22°40	17° 8	24° 4	25°11	6°42	21°32	23°11	24° 3	n.a.	M 8
T 9	10 38 33	11°36'58	16°24	17°49	19°35	20°53	22°55	17° 4	24° 5	25°13	6°43	21°33	23° 7	24° 9	n.a.	T 9
W10	10 42 29	12°35'38	28°30	19°19	20°45	21°14	23° 9	16°59	24° 6	25°15	6°44	21°35	23° 4	24°16	n.a.	W10
T 11	10 46 26	13°34'16	10♐26	20°51	21°55	21°35	23°23	16°55	24° 8	25°18	6°46	21°R36	23° 1	24°23	n.a.	T 11
F 12	10 50 22	14°32'53	22°18	22°24	23° 5	21°57	23°37	16°50	24° 9	25°20	6°47	21°35	22°58	24°29	n.a.	F 12
S 13	10 54 19	15°31'27	4♑11	23°59	24°15	22°18	23°51	16°45	24°10	25°22	6°48	21°33	22°55	24°36	n.a.	S 13
S 14	10 58 16	16°30'00	16° 8	25°36	25°24	22°41	24° 6	16°41	24°11	25°24	6°49	21°30	22°51	24°43	n.a.	S 14
M15	11 2 12	17°28'31	28°15	27°14	26°34	23° 3	24°20	16°36	24°12	25°26	6°51	21°25	22°48	24°50	n.a.	M15
T 16	11 6 9	18°27'00	10♒35	28°54	27°44	23°26	24°34	16°32	24°13	25°28	6°52	21°20	22°45	24°56	n.a.	T 16
W17	11 10 5	19°25'28	23° 9	0♓36	28°53	23°49	24°48	16°27	24°14	25°31	6°53	21°15	22°42	25° 3	n.a.	W17
T 18	11 14 2	20°23'53	6♓ 0	2°19	0♉ 2	24°12	25° 3	16°23	24°15	25°33	6°55	21° 9	22°39	25°10	n.a.	T 18
F 19	11 17 58	21°22'17	19° 6	4° 4	1°11	24°36	25°17	16°18	24°16	25°35	6°56	21° 5	22°36	25°16	n.a.	F 19
S 20	11 21 55	22°20'38	2♈28	5°50	2°20	25° 0	25°31	16°14	24°17	25°37	6°57	21° 3	22°32	25°23	n.a.	S 20
S 21	11 25 51	23°18'58	16° 4	7°39	3°29	25°24	25°46	16° 9	24°18	25°39	6°59	21°D 1	22°29	25°30	n.a.	S 21
M22	11 29 48	24°17'16	29°51	9°29	4°38	25°48	26° 0	16° 5	24°19	25°41	7° 0	21° 2	22°26	25°36	n.a.	M22
T 23	11 33 44	25°15'31	13♉47	11°20	5°47	26°13	26°14	16° 0	24°19	25°43	7° 1	21° 3	22°23	25°43	n.a.	T 23
W24	11 37 41	26°13'45	27°51	13°13	6°55	26°38	26°28	15°56	24°20	25°45	7° 3	21° 4	22°20	25°50	n.a.	W24
T 25	11 41 38	27°11'56	12♊ 0	15° 8	8° 3	27° 3	26°43	15°51	24°21	25°47	7° 4	21° 5	22°17	25°57	n.a.	T 25
F 26	11 45 34	28°10'05	26°12	17° 5	9°11	27°29	26°57	15°47	24°21	25°49	7° 5	21°R 6	22°13	26° 3	n.a.	F 26
S 27	11 49 31	29° 8'12	10♋24	19° 3	10°19	27°54	27°11	15°42	24°22	25°51	7° 7	21° 6	22°10	26°10	n.a.	S 27
S 28	11 53 27	0♈ 6'17	24°36	21° 3	11°27	28°20	27°26	15°38	24°22	25°53	7° 8	21° 4	22° 7	26°17	n.a.	S 28
M29	11 57 24	1° 4'20	8♌43	23° 4	12°35	28°47	27°40	15°34	24°22	25°55	7° 9	21° 2	22° 4	26°23	n.a.	M29
T 30	12 1 20	2° 2'21	22°44	25° 7	13°43	29°13	27°54	15°30	24°23	25°57	7°11	21° 0	22° 1	26°30	n.a.	T 30
W31	12 5 17	3♈ 0'20	6♍34	27♓12	14♉50	29♊40	28♓ 8	15♍25	24♐23	25♒59	7♈12	20♎57	21♎57	26♐37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	10s16	15n45	5s 5	20s27	1s42	4n28	0n26	26n 3	2n49	4s42	1s12	7n29	2n46	23s53	0s16	14s36	1s17	11s50	15s49	8s41	9s16	19s 9			n.a.
T 2	9 54	12 34	4 47	20 13	1 48	5 0	0 29	26 4	2 48	4 36	1 12	7 31	2 46	23 53	0 16	14 35	1 17	11 50	15 49	8 38	9 15	19 9			n.a.
W 3	9 32	8 39	4 11	19 58	1 54	5 31	0 33	26 4	2 47	4 31	1 12	7 33	2 46	23 53	0 16	14 35	1 17	11 49	15 48	8 36	9 14	19 9			n.a.
T 4	9 10	4 19	3 20	19 41	1 59	6 2	0 36	26 4	2 46	4 25	1 12	7 34	2 46	23 54	0 16	14 34	1 17	11 48	15 48	8 33	9 12	19 9			n.a.
F 5	8 48	0s 8	2 18	19 22	2 3	6 33	0 40	26 5	2 44	4 19	1 12	7 36	2 46	23 54	0 16	14 33	1 17	11 48	15 48	8 31	9 11	19 9			n.a.
S 6	8 26	4 28	1 10	19 2	2 8	7 4	0 43	26 5	2 43	4 14	1 12	7 38	2 46	23 54	0 16	14 32	1 17	11 47	15 48	8 30	9 10	19 9			n.a.
S 7	8 3	8 29	0 0	18 41	2 11	7 35	0 47	26 5	2 42	4 8	1 12	7 40	2 46	23 54	0 16	14 32	1 17	11 46	15 48	8 30	9 9	19 8			n.a.
M 8	7 41	11 59	1n 8	18 17	2 15	8 5	0 51	26 6	2 41	4 2	1 11	7 42	2 46	23 54	0 16	14 31	1 17	11 46	15 48	8 30	9 8	19 8			n.a.
T 9	7 18	14 53	2 11	17 53	2 17	8 36	0 54	26 6	2 39	3 56	1 11	7 44	2 47	23 54	0 16	14 30	1 17	11 45	15 47	8 31	9 6	19 8			n.a.
W10	6 55	17 3	3 7	17 26	2 19	9 6	0 58	26 6	2 38	3 51	1 11	7 45	2 47	23 54	0 16	14 29	1 17	11 44	15 47	8 31	9 5	19 8			n.a.
T 11	6 33	18 27	3 55	16 58	2 21	9 36	1 1	26 6	2 37	3 45	1 11	7 47	2 47	23 54	0 16	14 29	1 17	11 44	15 47	8 32	9 4	19 8			n.a.
F 12	6 10	19 1	4 32	16 28	2 22	10 5	1 5	26 7	2 36	3 39	1 11	7 49	2 47	23 54	0 16	14 28	1 17	11 43	15 47	8 32	9 3	19 8			n.a.
S 13	5 47	18 45	4 57	15 57	2 23	10 35	1 8	26 7	2 35	3 33	1 11	7 51	2 47	23 54	0 16	14 27	1 17	11 43	15 47	8 31	9 2	19 8			n.a.
S 14	5 24	17 39	5 10	15 24	2 23	11 4	1 12	26 7	2 33	3 28	1 11	7 53	2 47	23 54	0 16	14 26	1 17	11 42	15 47	8 30	9 0	19 7			n.a.
M15	5 1	15 45	5 9	14 50	2 23	11 33	1 15	26 7	2 32	3 22	1 11	7 55	2 47	23 54	0 16	14 26	1 17	11 41	15 47	8 28	8 59	19 7			n.a.
T 16	4 38	13 6	4 54	14 14	2 22	12 2	1 19	26 7	2 31	3 16	1 11	7 56	2 47	23 54	0 16	14 25	1 17	11 41	15 46	8 26	8 58	19 7			n.a.
W17	4 15	9 49	4 25	13 36	2 21	12 30	1 22	26 7	2 30	3 10	1 11	7 58	2 47	23 55	0 16	14 24	1 17	11 40	15 46	8 24	8 57	19 7			n.a.
T 18	3 51	6 1	3 42	12 57	2 19	12 58	1 25	26 7	2 29	3 5	1 11	8 0	2 47	23 55	0 16	14 24	1 18	11 39	15 46	8 22	8 56	19 7			n.a.
F 19	3 28	1 50	2 46	12 16	2 16	13 26	1 29	26 7	2 28	2 59	1 11	8 2	2 47	23 55	0 16	14 23	1 18	11 39	15 46	8 20	8 54	19 7			n.a.
S 20	3 5	2n31	1 40	11 33	2 13	13 53	1 32	26 7	2 26	2 53	1 11	8 4	2 47	23 55	0 16	14 22	1 18	11 38	15 46	8 19	8 53	19 6			n.a.
S 21	2 41	6 49	0 27	10 49	2 10	14 21	1 36	26 6	2 25	2 47	1 11	8 5	2 47	23 55	0 16	14 22	1 18	11 38	15 46	8 19	8 52	19 6			n.a.
M22	2 18	10 49	0s48	10 3	2 5	14 47	1 39	26 6	2 24	2 42	1 11	8 7	2 47	23 55	0 16	14 21	1 18	11 37	15 46	8 19	8 51	19 6			n.a.
T 23	1 55	14 15	2 2	9 16	2 1	15 14	1 42	26 6	2 23	2 36	1 11	8 9	2 47	23 55	0 16	14 20	1 18	11 36	15 46	8 19	8 50	19 6			n.a.
W24	1 31	16 53	3 9	8 27	1 56	15 40	1 46	26 5	2 22	2 30	1 11	8 11	2 47	23 55	0 16	14 20	1 18	11 36	15 46	8 20	8 48	19 6			n.a.
T 25	1 8	18 30	4 5	7 37	1 50	16 6	1 49	26 5	2 21	2 24	1 11	8 12	2 47	23 55	0 16	14 19	1 18	11 35	15 45	8 20	8 47	19 6			n.a.
F 26	0 44	18 57	4 46	6 45	1 44	16 31	1 52	26 4	2 20	2 18	1 11	8 14	2 47	23 55	0 16	14 18	1 18	11 35	15 45	8 21	8 46	19 5			n.a.
S 27	0 21	18 13	5 9	5 52	1 37	16 56	1 55	26 4	2 19	2 13	1 11	8 16	2 47	23 55	0 16	14 18	1 18	11 34	15 45	8 20	8 45	19 5			n.a.
S 28	0n 3	16 21	5 14	4 58	1 30	17 21	1 58	26 3	2 18	2 7	1 11	8 17	2 47	23 55	0 16	14 17	1 18	11 33	15 45	8 20	8 44	19 5			n.a.
M29	0 26	13 30	5 0	4 2	1 22	17 45	2 1	26 2	2 17	2 1	1 11	8 19	2 47	23 55	0 16	14 16	1 18	11 33	15 45	8 19	8 42	19 5			n.a.
T 30	0 49	9 54	4 28	3 5	1 14	18 9	2 4	26 1	2 16	1 55	1 11	8 21	2 46	23 55	0 17	14 16	1 18	11 32	15 45	8 18	8 41	19 5			n.a.
W31	1n13	5n49	3s41	2s 7	1s 5	18n32	2n 7	26n 0	2n14	1s50	1s11	8n22	2n46	23s55	0s17	14s15	1s18	11s32	15s45	8s17	8s40	19s 4			n.a.

Julian Day Number = 1498314.5, Delta T = 05h08m59s
Ecliptic obliquity = 23°46'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'35, Lahiri = -12°23'34 Julian Calendar 1 March 611 BCE == Greg. Calendar 22 Feb. 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

APRIL 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 9 13	3♈58'17	20♍11	29♓17	15♉57	0♋ 6	28♓23	15°R21	24♐23	26♒ 1	7♈13	20°R55	21♎54	26♐44	n.a.	T 1
F 2	12 13 10	4°56'12	3♎33	1♈24	17° 4	0°33	28°37	15♍17	24°24	26° 2	7°15	20♎54	21°51	26°50	n.a.	F 2
S 3	12 17 7	5°54'05	16°38	3°32	18°11	1° 1	28°51	15°13	24°24	26° 4	7°16	20°D53	21°48	26°57	n.a.	S 3
S 4	12 21 3	6°51'57	29°27	5°41	19°18	1°28	29° 5	15° 9	24°24	26° 6	7°18	20°53	21°45	27° 4	n.a.	S 4
M 5	12 25 0	7°49'48	11♏58	7°51	20°24	1°56	29°19	15° 5	24°R24	26° 8	7°19	20°54	21°42	27°10	n.a.	M 5
T 6	12 28 56	8°47'37	24°16	10° 1	21°30	2°23	29°34	15° 1	24°24	26°10	7°20	20°55	21°38	27°17	n.a.	T 6
W 7	12 32 53	9°45'24	6♐21	12°11	22°36	2°51	29°48	14°57	24°24	26°12	7°22	20°56	21°35	27°24	n.a.	W 7
T 8	12 36 49	10°43'10	18°18	14°21	23°42	3°20	0♈ 2	14°53	24°24	26°13	7°23	20°57	21°32	27°31	n.a.	T 8
F 9	12 40 46	11°40'55	0♑11	16°31	24°48	3°48	0°16	14°49	24°24	26°15	7°24	20°58	21°29	27°37	n.a.	F 9
S 10	12 44 42	12°38'39	12° 5	18°41	25°54	4°17	0°30	14°45	24°23	26°17	7°26	20°R58	21°26	27°44	n.a.	S 10
S 11	12 48 39	13°36'21	24° 3	20°50	26°59	4°45	0°44	14°42	24°23	26°18	7°27	20°58	21°22	27°51	n.a.	S 11
M12	12 52 36	14°34'03	6♒11	22°57	28° 4	5°14	0°58	14°38	24°23	26°20	7°28	20°57	21°19	27°57	n.a.	M12
T 13	12 56 32	15°31'43	18°33	25° 3	29° 9	5°43	1°12	14°34	24°22	26°22	7°30	20°57	21°16	28° 4	n.a.	T 13
W14	13 0 29	16°29'21	1♓12	27° 7	0♊13	6°13	1°26	14°31	24°22	26°23	7°31	20°56	21°13	28°11	n.a.	W14
T 15	13 4 25	17°26'59	14°10	29°10	1°18	6°42	1°40	14°27	24°22	26°25	7°32	20°56	21°10	28°18	n.a.	T 15
F 16	13 8 22	18°24'35	27°29	1♉10	2°22	7°12	1°54	14°24	24°21	26°27	7°34	20°55	21° 7	28°24	n.a.	F 16
S 17	13 12 18	19°22'10	11♈ 9	3° 8	3°26	7°41	2° 8	14°21	24°21	26°28	7°35	20°55	21° 3	28°31	n.a.	S 17
S 18	13 16 15	20°19'44	25° 8	5° 4	4°30	8°11	2°22	14°17	24°20	26°30	7°37	20°D55	21° 0	28°38	n.a.	S 18
M19	13 20 11	21°17'17	9♉21	6°57	5°33	8°41	2°36	14°14	24°19	26°31	7°38	20°R55	20°57	28°44	n.a.	M19
T 20	13 24 8	22°14'48	23°45	8°48	6°36	9°11	2°50	14°11	24°19	26°33	7°39	20°55	20°54	28°51	n.a.	T 20
W21	13 28 4	23°12'18	8♊14	10°35	7°39	9°42	3° 4	14° 8	24°18	26°34	7°41	20°55	20°51	28°58	n.a.	W21
T 22	13 32 1	24° 9'46	22°44	12°20	8°42	10°12	3°17	14° 5	24°17	26°35	7°42	20°55	20°48	29° 5	n.a.	T 22
F 23	13 35 58	25° 7'14	7♋ 9	14° 2	9°44	10°43	3°31	14° 2	24°16	26°37	7°43	20°54	20°44	29°11	n.a.	F 23
S 24	13 39 54	26° 4'39	21°25	15°41	10°46	11°14	3°45	13°59	24°15	26°38	7°44	20°D54	20°41	29°18	n.a.	S 24
S 25	13 43 51	27° 2'03	5♌31	17°17	11°48	11°45	3°59	13°57	24°15	26°40	7°46	20°54	20°38	29°25	n.a.	S 25
M26	13 47 47	27°59'26	19°23	18°50	12°49	12°16	4°12	13°54	24°14	26°41	7°47	20°54	20°35	29°31	n.a.	M26
T 27	13 51 44	28°56'48	3♍ 3	20°20	13°51	12°47	4°26	13°51	24°13	26°42	7°48	20°55	20°32	29°38	n.a.	T 27
W28	13 55 40	29°54'08	16°28	21°47	14°51	13°19	4°39	13°49	24°12	26°43	7°50	20°56	20°28	29°45	n.a.	W28
T 29	13 59 37	0♉51'27	29°40	23°10	15°52	13°50	4°53	13°47	24°10	26°45	7°51	20°57	20°25	29°52	n.a.	T 29
F 30	14 3 33	1♉48'44	12♎38	24♉31	16♊52	14♋22	5♈ 6	13♍44	24♐ 9	26♒46	7♈52	20♎57	20♎22	29♐58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n36	1n28	2s41	1s 9	0s56	18n55	2n10	25n59	2n13	1s44	1s11	8n24	2n46	23s55	0s17	14s14	1s18	11s31	15s45	8s16	8s39	19s 4		n.a.
F 2	1 59	2s52	1 34	0 9	0 47	19 17	2 13	25 58	2 12	1 38	1 11	8 25	2 46	23 55	0 17	14 14	1 18	11 30	15 45	8 16	8 38	19 4		n.a.
S 3	2 22	6 59	0 23	0n52	0 37	19 39	2 16	25 57	2 11	1 32	1 11	8 27	2 46	23 55	0 17	14 13	1 18	11 30	15 45	8 16	8 36	19 4		n.a.
S 4	2 46	10 41	0n47	1 53	0 27	20 1	2 19	25 56	2 10	1 27	1 11	8 29	2 46	23 55	0 17	14 13	1 18	11 29	15 45	8 16	8 35	19 3		n.a.
M 5	3 9	13 50	1 54	2 54	0 17	20 22	2 21	25 54	2 9	1 21	1 11	8 30	2 46	23 55	0 17	14 12	1 18	11 29	15 45	8 16	8 34	19 3		n.a.
T 6	3 32	16 17	2 54	3 56	0 6	20 42	2 24	25 53	2 8	1 15	1 11	8 32	2 46	23 55	0 17	14 11	1 18	11 28	15 45	8 16	8 33	19 3		n.a.
W 7	3 55	17 57	3 46	4 57	0n 5	21 2	2 27	25 51	2 7	1 9	1 11	8 33	2 46	23 55	0 17	14 11	1 18	11 28	15 45	8 17	8 32	19 3		n.a.
T 8	4 18	18 49	4 27	5 58	0 15	21 21	2 29	25 50	2 6	1 4	1 11	8 34	2 46	23 55	0 17	14 10	1 18	11 27	15 45	8 17	8 30	19 3		n.a.
F 9	4 41	18 50	4 56	6 59	0 26	21 40	2 31	25 48	2 5	0 58	1 11	8 36	2 46	23 55	0 17	14 10	1 18	11 27	15 45	8 17	8 29	19 2		n.a.
S 10	5 4	18 1	5 13	7 59	0 36	21 59	2 34	25 46	2 4	0 52	1 11	8 37	2 45	23 55	0 17	14 9	1 18	11 26	15 45	8 17	8 28	19 2		n.a.
S 11	5 26	16 24	5 16	8 57	0 47	22 17	2 36	25 44	2 3	0 47	1 11	8 39	2 45	23 55	0 17	14 9	1 18	11 26	15 45	8 17	8 27	19 2		n.a.
M12	5 49	14 3	5 6	9 55	0 57	22 34	2 38	25 42	2 2	0 41	1 11	8 40	2 45	23 56	0 17	14 8	1 18	11 25	15 45	8 17	8 26	19 2		n.a.
T 13	6 12	11 1	4 41	10 51	1 7	22 51	2 40	25 40	2 1	0 35	1 11	8 41	2 45	23 56	0 17	14 8	1 18	11 25	15 45	8 17	8 24	19 1		n.a.
W14	6 34	7 26	4 2	11 46	1 16	23 7	2 42	25 37	2 0	0 30	1 11	8 42	2 45	23 56	0 17	14 7	1 18	11 24	15 45	8 17	8 23	19 1		n.a.
T 15	6 56	3 24	3 10	12 39	1 25	23 23	2 44	25 35	1 59	0 24	1 11	8 44	2 45	23 56	0 17	14 7	1 18	11 24	15 45	8 17	8 22	19 1		n.a.
F 16	7 19	0n55	2 6	13 30	1 33	23 38	2 46	25 32	1 59	0 19	1 11	8 45	2 45	23 56	0 17	14 6	1 19	11 23	15 45	8 16	8 21	19 1		n.a.
S 17	7 41	5 18	0 54	14 19	1 41	23 52	2 48	25 30	1 58	0 13	1 11	8 46	2 45	23 56	0 17	14 6	1 19	11 23	15 45	8 16	8 20	19 0		n.a.
S 18	8 3	9 30	0s23	15 5	1 49	24 6	2 49	25 27	1 57	0 7	1 11	8 47	2 44	23 56	0 17	14 5	1 19	11 22	15 45	8 16	8 18	19 0		n.a.
M19	8 25	13 13	1 41	15 50	1 55	24 19	2 51	25 24	1 56	0 2	1 11	8 48	2 44	23 56	0 17	14 5	1 19	11 22	15 45	8 16	8 17	19 0		n.a.
T 20	8 47	16 11	2 52	16 32	2 1	24 32	2 52	25 21	1 55	0n 4	1 11	8 49	2 44	23 56	0 17	14 4	1 19	11 21	15 45	8 16	8 16	18 59		n.a.
W21	9 8	18 8	3 53	17 12	2 7	24 44	2 53	25 18	1 54	0 9	1 11	8 50	2 44	23 55	0 17	14 4	1 19	11 21	15 45	8 16	8 15	18 59		n.a.
T 22	9 30	18 55	4 40	17 50	2 11	24 56	2 55	25 15	1 53	0 15	1 11	8 51	2 44	23 55	0 17	14 3	1 19	11 20	15 45	8 16	8 13	18 59		n.a.
F 23	9 51	18 27	5 8	18 25	2 15	25 7	2 56	25 11	1 52	0 20	1 11	8 52	2 44	23 55	0 17	14 3	1 19	11 20	15 45	8 16	8 12	18 59		n.a.
S 24	10 12	16 49	5 17	18 57	2 18	25 17	2 57	25 8	1 51	0 26	1 11	8 53	2 43	23 55	0 17	14 2	1 19	11 19	15 46	8 16	8 11	18 58		n.a.
S 25	10 33	14 12	5 7	19 28	2 20	25 26	2 58	25 4	1 50	0 31	1 11	8 54	2 43	23 55	0 17	14 2	1 19	11 19	15 46	8 16	8 10	18 58		n.a.
M26	10 54	10 48	4 39	19 56	2 22	25 35	2 58	25 0	1 49	0 37	1 11	8 55	2 43	23 55	0 17	14 2	1 19	11 18	15 46	8 16	8 9	18 58		n.a.
T 27	11 15	6 52	3 55	20 22	2 23	25 44	2 59	24 56	1 48	0 42	1 11	8 56	2 43	23 55	0 17	14 1	1 19	11 18	15 46	8 16	8 7	18 57		n.a.
W28	11 35	2 39	3 0	20 45	2 23	25 52	2 59	24 52	1 47	0 47	1 11	8 57	2 43	23 55	0 17	14 1	1 19	11 18	15 46	8 17	8 6	18 57		n.a.
T 29	11 56	1s37	1 55	21 6	2 22	25 59	3 0	24 48	1 47	0 53	1 11	8 57	2 42	23 55	0 17	14 0	1 19	11 17	15 46	8 17	8 5	18 57		n.a.
F 30	12n16	5s46	0s46	21n25	2n20	26n 5	3n 0	24n44	1n46	0n58	1s11	8n58	2n42	23s55	0s17	14s 0	1s19	11s17	15s46	8s17	8s 4	18s57		n.a.

Julian Day Number = 1498345.5, Delta T = 05h08m58s
Ecliptic obliquity = 23°46'00, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'31, Lahiri = -12°23'30 Julian Calendar 1 Apr. 611 BCE == Greg. Calendar 25 March 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

MAY 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 7 30	2♉46'01	25♎23	25♉48	17♊51	14♋53	5♈20	13°R42	24°R 8	26♒47	7♈53	20°R57	20♎19	0♑ 5	n.a.	S 1
S 2	14 11 27	3°43'17	7♏55	27° 2	18°51	15°25	5°33	13♍40	24♐ 7	26°48	7°55	20♎57	20°16	0°12	n.a.	S 2
M 3	14 15 23	4°40'32	20°16	28°13	19°50	15°57	5°46	13°38	24° 6	26°49	7°56	20°56	20°13	0°18	n.a.	M 3
T 4	14 19 20	5°37'46	2♐26	29°20	20°48	16°29	6° 0	13°36	24° 4	26°50	7°57	20°54	20° 9	0°25	n.a.	T 4
W 5	14 23 16	6°35'00	14°28	0♊24	21°46	17° 2	6°13	13°34	24° 3	26°51	7°58	20°51	20° 6	0°32	n.a.	W 5
T 6	14 27 13	7°32'13	26°24	1°24	22°44	17°34	6°26	13°32	24° 2	26°52	8° 0	20°49	20° 3	0°39	n.a.	T 6
F 7	14 31 9	8°29'26	8♑16	2°21	23°41	18° 6	6°39	13°31	24° 0	26°53	8° 1	20°47	20° 0	0°45	n.a.	F 7
S 8	14 35 6	9°26'38	20°10	3°14	24°38	18°39	6°52	13°29	23°59	26°54	8° 2	20°45	19°57	0°52	n.a.	S 8
S 9	14 39 3	10°23'49	2♒ 7	4° 3	25°34	19°12	7° 5	13°27	23°57	26°55	8° 3	20°44	19°54	0°59	n.a.	S 9
M10	14 42 59	11°21'01	14°14	4°49	26°30	19°45	7°18	13°26	23°56	26°56	8° 4	20°D44	19°50	1° 5	n.a.	M10
T 11	14 46 56	12°18'11	26°34	5°31	27°26	20°18	7°31	13°25	23°54	26°57	8° 6	20°44	19°47	1°12	n.a.	T 11
W12	14 50 52	13°15'22	9♓11	6° 8	28°21	20°51	7°44	13°23	23°53	26°58	8° 7	20°46	19°44	1°19	n.a.	W12
T 13	14 54 49	14°12'32	22°11	6°42	29°15	21°24	7°57	13°22	23°51	26°59	8° 8	20°47	19°41	1°26	n.a.	T 13
F 14	14 58 45	15° 9'42	5♈34	7°11	0♋ 9	21°57	8°10	13°21	23°49	27° 0	8° 9	20°48	19°38	1°32	n.a.	F 14
S 15	15 2 42	16° 6'52	19°23	7°36	1° 2	22°30	8°22	13°20	23°48	27° 0	8°10	20°R49	19°34	1°39	n.a.	S 15
S 16	15 6 38	17° 4'01	3♉36	7°56	1°55	23° 4	8°35	13°19	23°46	27° 1	8°11	20°48	19°31	1°46	n.a.	S 16
M17	15 10 35	18° 1'10	18° 9	8°12	2°47	23°38	8°47	13°19	23°44	27° 2	8°12	20°47	19°28	1°52	n.a.	M17
T 18	15 14 32	18°58'19	2♊58	8°24	3°38	24°11	9° 0	13°18	23°42	27° 2	8°13	20°44	19°25	1°59	n.a.	T 18
W19	15 18 28	19°55'27	17°53	8°31	4°29	24°45	9°12	13°18	23°40	27° 3	8°15	20°40	19°22	2° 6	n.a.	W19
T 20	15 22 25	20°52'35	2♋46	8°R34	5°19	25°19	9°25	13°17	23°38	27° 4	8°16	20°36	19°19	2°13	n.a.	T 20
F 21	15 26 21	21°49'43	17°31	8°31	6° 8	25°53	9°37	13°17	23°37	27° 4	8°17	20°32	19°15	2°19	n.a.	F 21
S 22	15 30 18	22°46'50	2♌ 0	8°25	6°57	26°27	9°49	13°16	23°35	27° 5	8°18	20°29	19°12	2°26	n.a.	S 22
S 23	15 34 14	23°43'56	16° 9	8°14	7°45	27° 1	10° 1	13°16	23°33	27° 5	8°19	20°28	19° 9	2°33	n.a.	S 23
M24	15 38 11	24°41'02	29°58	7°59	8°32	27°36	10°13	13°D16	23°31	27° 6	8°20	20°D28	19° 6	2°39	n.a.	M24
T 25	15 42 7	25°38'07	13♍27	7°39	9°18	28°10	10°25	13°16	23°29	27° 6	8°21	20°29	19° 3	2°46	n.a.	T 25
W26	15 46 4	26°35'12	26°36	7°16	10° 4	28°45	10°37	13°16	23°27	27° 7	8°22	20°30	18°59	2°53	n.a.	W26
T 27	15 50 1	27°32'17	9♎29	6°50	10°48	29°19	10°49	13°17	23°25	27° 7	8°23	20°32	18°56	3° 0	n.a.	T 27
F 28	15 53 57	28°29'21	22° 8	6°20	11°32	29°54	11° 1	13°17	23°22	27° 7	8°24	20°R32	18°53	3° 6	n.a.	F 28
S 29	15 57 54	29°26'25	4♏34	5°48	12°15	0♌29	11°12	13°17	23°20	27° 8	8°24	20°31	18°50	3°13	n.a.	S 29
S 30	16 1 50	0♊23'30	16°51	5°14	12°56	1° 4	11°24	13°18	23°18	27° 8	8°25	20°28	18°47	3°20	n.a.	S 30
M31	16 5 47	1♊20'34	29♏ 0	4♊38	13♋37	1♌39	11♈35	13♍18	23♐16	27♒ 8	8♈26	20♎24	18♎44	3♑26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n36	9s34	0n24	21n42	2n18	26n11	3n 0	24n39	1n45	1n 3	1s11	8n59	2n42	23s55	0s17	14s 0	1s19	11s16	15s46	8s17	8s 3	18s56		n.a.
S 2	12 56	12 53	1 33	21 57	2 15	26 17	3 0	24 35	1 44	1 9	1 11	9 0	2 42	23 55	0 17	13 59	1 19	11 16	15 46	8 17	8 1	18 56		n.a.
M 3	13 15	15 34	2 35	22 9	2 11	26 21	3 0	24 30	1 43	1 14	1 11	9 0	2 42	23 55	0 17	13 59	1 19	11 16	15 46	8 17	8 0	18 56		n.a.
T 4	13 35	17 30	3 30	22 20	2 6	26 25	2 59	24 25	1 42	1 19	1 11	9 1	2 42	23 55	0 17	13 59	1 19	11 15	15 47	8 16	7 59	18 55		n.a.
W 5	13 54	18 38	4 14	22 28	2 0	26 29	2 59	24 20	1 41	1 25	1 11	9 1	2 41	23 55	0 17	13 58	1 19	11 15	15 47	8 15	7 58	18 55		n.a.
T 6	14 13	18 56	4 47	22 35	1 54	26 32	2 58	24 15	1 40	1 30	1 11	9 2	2 41	23 55	0 17	13 58	1 19	11 15	15 47	8 14	7 57	18 55		n.a.
F 7	14 32	18 23	5 8	22 40	1 47	26 34	2 57	24 10	1 39	1 35	1 12	9 2	2 41	23 55	0 17	13 58	1 20	11 14	15 47	8 13	7 55	18 54		n.a.
S 8	14 50	17 2	5 15	22 43	1 39	26 35	2 56	24 5	1 39	1 40	1 12	9 3	2 41	23 55	0 17	13 57	1 20	11 14	15 47	8 13	7 54	18 54		n.a.
S 9	15 8	14 56	5 9	22 44	1 30	26 36	2 55	23 59	1 38	1 45	1 12	9 3	2 40	23 55	0 17	13 57	1 20	11 14	15 47	8 12	7 53	18 54		n.a.
M10	15 26	12 10	4 49	22 43	1 21	26 37	2 54	23 53	1 37	1 50	1 12	9 3	2 40	23 55	0 17	13 57	1 20	11 13	15 47	8 12	7 52	18 53		n.a.
T 11	15 44	8 50	4 16	22 40	1 11	26 37	2 52	23 48	1 36	1 56	1 12	9 4	2 40	23 55	0 17	13 57	1 20	11 13	15 48	8 12	7 50	18 53		n.a.
W12	16 2	5 0	3 29	22 36	1 0	26 36	2 51	23 42	1 35	2 1	1 12	9 4	2 40	23 55	0 17	13 56	1 20	11 13	15 48	8 13	7 49	18 53		n.a.
T 13	16 19	0 50	2 31	22 31	0 48	26 35	2 49	23 35	1 34	2 6	1 12	9 4	2 40	23 55	0 17	13 56	1 20	11 12	15 48	8 13	7 48	18 52		n.a.
F 14	16 36	3n30	1 23	22 24	0 36	26 33	2 47	23 29	1 34	2 11	1 12	9 4	2 39	23 55	0 17	13 56	1 20	11 12	15 48	8 14	7 47	18 52		n.a.
S 15	16 53	7 48	0 8	22 15	0 23	26 30	2 44	23 23	1 33	2 16	1 12	9 5	2 39	23 55	0 17	13 56	1 20	11 12	15 48	8 14	7 46	18 52		n.a.
S 16	17 10	11 48	1s10	22 5	0 9	26 27	2 42	23 16	1 32	2 21	1 12	9 5	2 39	23 55	0 18	13 55	1 20	11 11	15 48	8 14	7 44	18 51		n.a.
M17	17 26	15 10	2 24	21 53	0s 5	26 24	2 39	23 10	1 31	2 26	1 12	9 5	2 39	23 54	0 18	13 55	1 20	11 11	15 49	8 13	7 43	18 51		n.a.
T 18	17 42	17 36	3 31	21 41	0 20	26 19	2 37	23 3	1 30	2 30	1 12	9 5	2 38	23 54	0 18	13 55	1 20	11 11	15 49	8 12	7 42	18 50		n.a.
W19	17 58	18 50	4 23	21 27	0 35	26 15	2 34	22 56	1 29	2 35	1 12	9 5	2 38	23 54	0 18	13 55	1 20	11 11	15 49	8 11	7 41	18 50		n.a.
T 20	18 13	18 47	4 58	21 12	0 51	26 10	2 30	22 49	1 29	2 40	1 13	9 5	2 38	23 54	0 18	13 55	1 20	11 10	15 49	8 9	7 39	18 50		n.a.
F 21	18 28	17 27	5 12	20 56	1 7	26 4	2 27	22 42	1 28	2 45	1 13	9 5	2 38	23 54	0 18	13 55	1 20	11 10	15 49	8 8	7 38	18 49		n.a.
S 22	18 43	15 1	5 6	20 39	1 23	25 58	2 23	22 34	1 27	2 50	1 13	9 5	2 37	23 54	0 18	13 54	1 20	11 10	15 50	8 7	7 37	18 49		n.a.
S 23	18 58	11 44	4 42	20 21	1 39	25 51	2 19	22 27	1 26	2 54	1 13	9 5	2 37	23 54	0 18	13 54	1 20	11 10	15 50	8 6	7 36	18 49		n.a.
M24	19 12	7 52	4 1	20 2	1 56	25 44	2 15	22 19	1 25	2 59	1 13	9 4	2 37	23 54	0 18	13 54	1 20	11 10	15 50	8 6	7 35	18 48		n.a.
T 25	19 26	3 42	3 8	19 43	2 12	25 37	2 11	22 11	1 24	3 4	1 13	9 4	2 37	23 54	0 18	13 54	1 20	11 9	15 50	8 6	7 33	18 48		n.a.
W26	19 39	0s34	2 7	19 24	2 28	25 29	2 6	22 3	1 24	3 8	1 13	9 4	2 37	23 54	0 18	13 54	1 21	11 9	15 50	8 7	7 32	18 47		n.a.
T 27	19 53	4 43	1 0	19 4	2 43	25 20	2 2	21 55	1 23	3 13	1 13	9 4	2 36	23 54	0 18	13 54	1 21	11 9	15 51	8 7	7 31	18 47		n.a.
F 28	20 6	8 36	0n 9	18 44	2 58	25 12	1 57	21 47	1 22	3 18	1 13	9 3	2 36	23 54	0 18	13 54	1 21	11 9	15 51	8 8	7 30	18 47		n.a.
S 29	20 18	12 2	1 16	18 25	3 12	25 2	1 51	21 39	1 21	3 22	1 13	9 3	2 36	23 53	0 18	13 54	1 21	11 9	15 51	8 7	7 28	18 46		n.a.
S 30	20 31	14 54	2 18	18 6	3 26	24 53	1 46	21 30	1 20	3 27	1 14	9 2	2 36	23 53	0 18	13 54	1 21	11 9	15 51	8 6	7 27	18 46		n.a.
M31	20n43	17s 4	3n13	17n47	3s38	24n43	1n40	21n22	1n20	3n31	1s14	9n 2	2n35	23s53	0s18	13s54	1s21	11s 8	15s52	8s 4	7s26	18s45		n.a.

Julian Day Number = 1498375.5, Delta T = 05h08m56s
Ecliptic obliquity = 23°46'00, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'26, Lahiri = -12°23'26 Julian Calendar 1 May 611 BCE == Greg. Calendar 24 Apr. 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

JUNE 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 9 43	2♊17'38	11♐ 2	4°R 1	14♋17	2♌14	11♈47	13♍19	23°R14	27♒ 8	8♈27	20°R17	18♎40	3♉33	n.a.	T 1
W 2	16 13 40	3°14'43	22°59	3♊24	14°55	2°49	11°58	13°20	23♐12	27° 9	8°28	20♎10	18°37	3°40	n.a.	W 2
T 3	16 17 36	4°11'48	4♉52	2°47	15°32	3°24	12° 9	13°21	23° 9	27° 9	8°29	20° 2	18°34	3°47	n.a.	T 3
F 4	16 21 33	5° 8'53	16°44	2°12	16° 9	3°59	12°21	13°22	23° 7	27° 9	8°30	19°54	18°31	3°53	n.a.	F 4
S 5	16 25 30	6° 5'58	28°37	1°37	16°43	4°35	12°32	13°23	23° 5	27° 9	8°31	19°47	18°28	4° 0	n.a.	S 5
S 6	16 29 26	7° 3'04	10♒35	1° 5	17°17	5°10	12°43	13°24	23° 3	27° 9	8°31	19°42	18°25	4° 7	n.a.	S 6
M 7	16 33 23	8° 0'11	22°40	0°36	17°49	5°46	12°53	13°25	23° 0	27°R 9	8°32	19°39	18°21	4°14	n.a.	M 7
T 8	16 37 19	8°57'18	4♓57	0°10	18°20	6°21	13° 4	13°27	22°58	27° 9	8°33	19°D37	18°18	4°20	n.a.	T 8
W 9	16 41 16	9°54'25	17°31	29♉47	18°50	6°57	13°15	13°28	22°56	27° 9	8°34	19°38	18°15	4°27	n.a.	W 9
T 10	16 45 12	10°51'34	0♈26	29°29	19°18	7°33	13°25	13°30	22°53	27° 9	8°34	19°38	18°12	4°34	n.a.	T 10
F 11	16 49 9	11°48'43	13°47	29°16	19°44	8° 9	13°36	13°32	22°51	27° 9	8°35	19°R39	18° 9	4°40	n.a.	F 11
S 12	16 53 5	12°45'53	27°34	29° 7	20° 9	8°45	13°46	13°33	22°49	27° 9	8°36	19°39	18° 5	4°47	n.a.	S 12
S 13	16 57 2	13°43'03	11♉50	29°D 3	20°32	9°21	13°57	13°35	22°46	27° 8	8°36	19°37	18° 2	4°54	n.a.	S 13
M14	17 0 59	14°40'15	26°31	29° 5	20°54	9°57	14° 7	13°37	22°44	27° 8	8°37	19°33	17°59	5° 1	n.a.	M14
T 15	17 4 55	15°37'27	11♊33	29°12	21°14	10°34	14°17	13°39	22°42	27° 8	8°38	19°27	17°56	5° 7	n.a.	T 15
W16	17 8 52	16°34'40	26°45	29°25	21°32	11°10	14°27	13°41	22°39	27° 8	8°38	19°19	17°53	5°14	n.a.	W16
T 17	17 12 48	17°31'53	11♋58	29°43	21°48	11°46	14°36	13°44	22°37	27° 7	8°39	19°11	17°50	5°21	n.a.	T 17
F 18	17 16 45	18°29'07	27° 1	0♊ 7	22° 2	12°23	14°46	13°46	22°34	27° 7	8°40	19° 2	17°46	5°27	n.a.	F 18
S 19	17 20 41	19°26'21	11♌46	0°37	22°14	12°59	14°56	13°48	22°32	27° 7	8°40	18°56	17°43	5°34	n.a.	S 19
S 20	17 24 38	20°23'36	26° 6	1°12	22°24	13°36	15° 5	13°51	22°30	27° 6	8°41	18°51	17°40	5°41	n.a.	S 20
M21	17 28 35	21°20'51	9♍59	1°53	22°32	14°13	15°15	13°53	22°27	27° 6	8°41	18°49	17°37	5°48	n.a.	M21
T 22	17 32 31	22°18'06	23°26	2°40	22°37	14°50	15°24	13°56	22°25	27° 5	8°42	18°D49	17°34	5°54	n.a.	T 22
W23	17 36 28	23°15'23	6♎30	3°32	22°41	15°27	15°33	13°59	22°22	27° 5	8°42	18°49	17°31	6° 1	n.a.	W23
T 24	17 40 24	24°12'39	19°13	4°30	22°R42	16° 4	15°42	14° 2	22°20	27° 4	8°43	18°R49	17°27	6° 8	n.a.	T 24
F 25	17 44 21	25° 9'57	1♏40	5°33	22°41	16°41	15°51	14° 5	22°18	27° 4	8°43	18°49	17°24	6°14	n.a.	F 25
S 26	17 48 17	26° 7'15	13°55	6°42	22°38	17°18	16° 0	14° 8	22°15	27° 3	8°44	18°46	17°21	6°21	n.a.	S 26
S 27	17 52 14	27° 4'34	26° 1	7°55	22°32	17°55	16° 8	14°11	22°13	27° 3	8°44	18°40	17°18	6°28	n.a.	S 27
M28	17 56 10	28° 1'54	8♐ 0	9°14	22°23	18°32	16°17	14°14	22°10	27° 2	8°44	18°32	17°15	6°35	n.a.	M28
T 29	18 0 7	28°59'15	19°56	10°38	22°13	19°10	16°25	14°17	22° 8	27° 1	8°45	18°22	17°11	6°41	n.a.	T 29
W30	18 4 4	29♊56'36	1♉49	12♊ 6	22♋ 0	19♌47	16♈33	14♍21	22♐ 6	27♒ 1	8♈45	18♎10	17♎ 8	6♉48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n54	18s27	3n59	17n29	3s49	24n33	1n34	21n13	1n19	3n35	1s14	9n 1	2n35	23s53	0s18	13s54	1s21	11s 8	15s52	8s 2	7s25	18s45		n.a.
W 2	21 6	19 1	4 34	17 13	3 59	24 22	1 28	21 4	1 18	3 40	1 14	9 1	2 35	23 53	0 18	13 54	1 21	11 8	15 52	7 59	7 24	18 45		n.a.
T 3	21 16	18 43	4 57	16 57	4 8	24 11	1 21	20 55	1 17	3 44	1 14	9 0	2 35	23 53	0 18	13 54	1 21	11 8	15 52	7 56	7 22	18 44		n.a.
F 4	21 27	17 37	5 7	16 43	4 15	24 0	1 14	20 46	1 16	3 48	1 14	9 0	2 34	23 53	0 18	13 54	1 21	11 8	15 53	7 53	7 21	18 44		n.a.
S 5	21 37	15 45	5 4	16 31	4 21	23 49	1 7	20 36	1 16	3 53	1 14	8 59	2 34	23 53	0 18	13 54	1 21	11 8	15 53	7 50	7 20	18 43		n.a.
S 6	21 47	13 12	4 48	16 20	4 25	23 37	0 59	20 27	1 15	3 57	1 14	8 58	2 34	23 53	0 18	13 54	1 21	11 8	15 53	7 48	7 19	18 43		n.a.
M 7	21 57	10 5	4 19	16 12	4 28	23 25	0 52	20 17	1 14	4 1	1 15	8 58	2 34	23 53	0 18	13 54	1 21	11 8	15 53	7 47	7 17	18 43		n.a.
T 8	22 6	6 28	3 37	16 5	4 29	23 13	0 44	20 7	1 13	4 5	1 15	8 57	2 33	23 52	0 18	13 54	1 21	11 8	15 54	7 47	7 16	18 42		n.a.
W 9	22 14	2 29	2 44	16 1	4 28	23 0	0 35	19 57	1 13	4 9	1 15	8 56	2 33	23 52	0 18	13 54	1 21	11 8	15 54	7 47	7 15	18 42		n.a.
T 10	22 23	1n44	1 42	15 59	4 26	22 48	0 27	19 47	1 12	4 13	1 15	8 55	2 33	23 52	0 18	13 54	1 21	11 8	15 54	7 47	7 14	18 41		n.a.
F 11	22 31	5 59	0 32	15 59	4 23	22 35	0 18	19 37	1 11	4 17	1 15	8 54	2 33	23 52	0 18	13 54	1 21	11 8	15 54	7 47	7 13	18 41		n.a.
S 12	22 38	10 6	0s42	16 2	4 19	22 22	0 8	19 27	1 10	4 21	1 15	8 53	2 32	23 52	0 18	13 54	1 21	11 8	15 55	7 47	7 11	18 40		n.a.
S 13	22 45	13 45	1 56	16 7	4 13	22 9	0s 1	19 16	1 9	4 25	1 15	8 52	2 32	23 52	0 18	13 54	1 22	11 8	15 55	7 47	7 10	18 40		n.a.
M14	22 52	16 39	3 4	16 14	4 6	21 56	0 11	19 6	1 9	4 29	1 16	8 51	2 32	23 52	0 18	13 54	1 22	11 7	15 55	7 45	7 9	18 40		n.a.
T 15	22 59	18 30	4 1	16 23	3 58	21 43	0 22	18 55	1 8	4 33	1 16	8 50	2 32	23 52	0 18	13 55	1 22	11 8	15 55	7 43	7 8	18 39		n.a.
W16	23 5	19 2	4 42	16 35	3 48	21 29	0 32	18 44	1 7	4 36	1 16	8 49	2 32	23 51	0 18	13 55	1 22	11 8	15 56	7 40	7 6	18 39		n.a.
T 17	23 10	18 12	5 2	16 49	3 38	21 16	0 43	18 33	1 6	4 40	1 16	8 48	2 31	23 51	0 18	13 55	1 22	11 8	15 56	7 36	7 5	18 38		n.a.
F 18	23 16	16 6	5 2	17 4	3 28	21 3	0 54	18 22	1 6	4 44	1 16	8 47	2 31	23 51	0 18	13 55	1 22	11 8	15 56	7 33	7 4	18 38		n.a.
S 19	23 20	13 0	4 41	17 22	3 16	20 49	1 6	18 11	1 5	4 47	1 16	8 46	2 31	23 51	0 18	13 55	1 22	11 8	15 57	7 31	7 3	18 37		n.a.
S 20	23 25	9 11	4 3	17 41	3 4	20 36	1 17	17 59	1 4	4 51	1 16	8 45	2 31	23 51	0 18	13 55	1 22	11 8	15 57	7 29	7 2	18 37		n.a.
M21	23 29	4 58	3 12	18 1	2 51	20 23	1 30	17 48	1 3	4 54	1 17	8 44	2 30	23 51	0 18	13 56	1 22	11 8	15 57	7 28	7 0	18 36		n.a.
T 22	23 32	0 38	2 11	18 24	2 38	20 10	1 42	17 36	1 3	4 58	1 17	8 42	2 30	23 51	0 18	13 56	1 22	11 8	15 57	7 28	6 59	18 36		n.a.
W23	23 36	3s37	1 5	18 47	2 25	19 57	1 55	17 24	1 2	5 1	1 17	8 41	2 30	23 51	0 18	13 56	1 22	11 8	15 58	7 28	6 58	18 35		n.a.
T 24	23 38	7 35	0n 2	19 11	2 11	19 44	2 8	17 12	1 1	5 5	1 17	8 40	2 30	23 50	0 18	13 56	1 22	11 8	15 58	7 28	6 57	18 35		n.a.
F 25	23 41	11 9	1 8	19 36	1 57	19 31	2 21	17 0	1 0	5 8	1 17	8 38	2 29	23 50	0 18	13 57	1 22	11 8	15 58	7 28	6 55	18 34		n.a.
S 26	23 43	14 11	2 9	20 2	1 43	19 18	2 34	16 48	0 59	5 11	1 17	8 37	2 29	23 50	0 18	13 57	1 22	11 8	15 59	7 27	6 54	18 34		n.a.
S 27	23 44	16 32	3 4	20 28	1 29	19 6	2 48	16 36	0 59	5 14	1 18	8 36	2 29	23 50	0 18	13 57	1 22	11 8	15 59	7 25	6 53	18 33		n.a.
M28	23 45	18 10	3 50	20 55	1 14	18 54	3 1	16 24	0 58	5 18	1 18	8 34	2 29	23 50	0 18	13 57	1 22	11 8	15 59	7 22	6 52	18 33		n.a.
T 29	23 46	18 58	4 25	21 21	1 0	18 42	3 15	16 11	0 57	5 21	1 18	8 33	2 29	23 50	0 18	13 58	1 22	11 9	16 0	7 18	6 50	18 32		n.a.
W30	23n46	18s56	4n49	21n47	0s47	18n30	3s29	15n58	0n56	5n24	1s18	8n31	2n28	23s50	0s18	13s58	1s22	11s 9	16s 0	7s13	6s49	18s32		n.a.

Julian Day Number = 1498406.5, Delta T = 05h08m55s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'22, Lahiri = -12°23'22 Julian Calendar 1 June 611 BCE == Greg. Calendar 25 May 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

JULY 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 8 0	0♋53'59	13♑41	13♊39	21°R45	20♌25	16♈41	14♍24	22°R 3	27°R 0	8♈45	17°R57	17♎ 5	6♑55	n.a.	T 1
F 2	18 11 57	1°51'23	25°35	15°16	21♋27	21° 2	16°49	14°28	22♐ 1	26♒59	8°46	17♎44	17° 2	7° 2	n.a.	F 2
S 3	18 15 53	2°48'48	7♒30	16°57	21° 7	21°40	16°57	14°31	21°59	26°58	8°46	17°33	16°59	7° 8	n.a.	S 3
S 4	18 19 50	3°46'15	19°30	18°42	20°45	22°18	17° 5	14°35	21°56	26°57	8°46	17°24	16°56	7°15	n.a.	S 4
M 5	18 23 46	4°43'43	1♓37	20°30	20°21	22°56	17°13	14°39	21°54	26°57	8°47	17°17	16°52	7°22	n.a.	M 5
T 6	18 27 43	5°41'12	13°55	22°21	19°54	23°34	17°20	14°43	21°52	26°56	8°47	17°13	16°49	7°28	n.a.	T 6
W 7	18 31 39	6°38'43	26°28	24°14	19°26	24°12	17°27	14°47	21°49	26°55	8°47	17°11	16°46	7°35	n.a.	W 7
T 8	18 35 36	7°36'15	9♈19	26°10	18°56	24°50	17°34	14°51	21°47	26°54	8°47	17°11	16°43	7°42	n.a.	T 8
F 9	18 39 33	8°33'49	22°33	28° 8	18°25	25°28	17°41	14°55	21°45	26°53	8°47	17°11	16°40	7°49	n.a.	F 9
S 10	18 43 29	9°31'25	6♉13	0♋ 8	17°52	26° 6	17°48	14°59	21°42	26°52	8°47	17°10	16°37	7°55	n.a.	S 10
S 11	18 47 26	10°29'02	20°22	2° 8	17°18	26°44	17°55	15° 3	21°40	26°51	8°48	17° 7	16°33	8° 2	n.a.	S 11
M12	18 51 22	11°26'41	4♊58	4°10	16°43	27°23	18° 1	15° 7	21°38	26°50	8°48	17° 2	16°30	8° 9	n.a.	M12
T 13	18 55 19	12°24'22	19°57	6°12	16° 7	28° 1	18° 8	15°12	21°36	26°49	8°48	16°54	16°27	8°16	n.a.	T 13
W14	18 59 15	13°22'04	5♋12	8°14	15°31	28°40	18°14	15°16	21°34	26°48	8°48	16°44	16°24	8°22	n.a.	W14
T 15	19 3 12	14°19'48	20°31	10°16	14°54	29°18	18°20	15°21	21°31	26°47	8°48	16°33	16°21	8°29	n.a.	T 15
F 16	19 7 8	15°17'33	5♌43	12°18	14°17	29°57	18°26	15°25	21°29	26°46	8°R48	16°22	16°17	8°36	n.a.	F 16
S 17	19 11 5	16°15'20	20°39	14°19	13°40	0♍36	18°31	15°30	21°27	26°44	8°48	16°13	16°14	8°42	n.a.	S 17
S 18	19 15 2	17°13'07	5♍ 9	16°20	13° 3	1°15	18°37	15°35	21°25	26°43	8°48	16° 7	16°11	8°49	n.a.	S 18
M19	19 18 58	18°10'57	19°11	18°20	12°28	1°53	18°42	15°40	21°23	26°42	8°48	16° 3	16° 8	8°56	n.a.	M19
T 20	19 22 55	19° 8'47	2♎43	20°18	11°52	2°32	18°47	15°45	21°21	26°41	8°48	16° 1	16° 5	9° 3	n.a.	T 20
W21	19 26 51	20° 6'39	15°48	22°16	11°18	3°11	18°52	15°50	21°19	26°40	8°48	16° 1	16° 2	9° 9	n.a.	W21
T 22	19 30 48	21° 4'32	28°30	24°13	10°45	3°51	18°57	15°55	21°17	26°38	8°48	16° 1	15°58	9°16	n.a.	T 22
F 23	19 34 44	22° 2'27	10♏54	26° 9	10°14	4°30	19° 2	16° 0	21°15	26°37	8°47	16° 0	15°55	9°23	n.a.	F 23
S 24	19 38 41	23° 0'23	23° 3	28° 3	9°44	5° 9	19° 7	16° 5	21°13	26°36	8°47	15°57	15°52	9°29	n.a.	S 24
S 25	19 42 37	23°58'20	5♐ 3	29°56	9°16	5°48	19°11	16°10	21°11	26°34	8°47	15°51	15°49	9°36	n.a.	S 25
M26	19 46 34	24°56'19	16°58	1♌48	8°49	6°28	19°15	16°15	21° 9	26°33	8°47	15°43	15°46	9°43	n.a.	M26
T 27	19 50 31	25°54'20	28°50	3°39	8°25	7° 7	19°19	16°21	21° 7	26°32	8°47	15°32	15°43	9°50	n.a.	T 27
W28	19 54 27	26°52'23	10♑43	5°28	8° 3	7°47	19°23	16°26	21° 6	26°30	8°46	15°19	15°39	9°56	n.a.	W28
T 29	19 58 24	27°50'27	22°37	7°16	7°43	8°26	19°26	16°31	21° 4	26°29	8°46	15° 6	15°36	10° 3	n.a.	T 29
F 30	20 2 20	28°48'32	4♒34	9° 3	7°25	9° 6	19°30	16°37	21° 2	26°27	8°46	14°52	15°33	10°10	n.a.	F 30
S 31	20 6 17	29♋46'40	16♒36	10♌49	7♋10	9♍46	19♈33	16♍43	21♐ 0	26♒26	8♈46	14♎40	15♎30	10♑17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n46	18s 5	5n 0	22n12	0s33	18n18	3s43	15n46	0n56	5n27	1s18	8n30	2n28	23s50	0s18	13s58	1s22	11s 9	16s 0	7s 8	6s48	18s31			n.a.
F 2	23 45	16 26	4 58	22 37	0 20	18 7	3 58	15 33	0 55	5 30	1 18	8 28	2 28	23 49	0 18	13 58	1 23	11 9	16 0	7 3	6 47	18 31			n.a.
S 3	23 44	14 5	4 43	23 0	0 7	17 56	4 12	15 20	0 54	5 32	1 19	8 26	2 28	23 49	0 18	13 59	1 23	11 9	16 1	6 59	6 46	18 30			n.a.
S 4	23 43	11 8	4 16	23 22	0n 6	17 46	4 26	15 7	0 53	5 35	1 19	8 25	2 28	23 49	0 18	13 59	1 23	11 9	16 1	6 55	6 44	18 30			n.a.
M 5	23 41	7 41	3 36	23 43	0 17	17 36	4 40	14 53	0 53	5 38	1 19	8 23	2 27	23 49	0 18	13 59	1 23	11 10	16 1	6 53	6 43	18 29			n.a.
T 6	23 39	3 51	2 46	24 1	0 29	17 26	4 53	14 40	0 52	5 41	1 19	8 21	2 27	23 49	0 18	14 0	1 23	11 10	16 2	6 51	6 42	18 29			n.a.
W 7	23 36	0n13	1 47	24 18	0 39	17 16	5 7	14 26	0 51	5 43	1 19	8 20	2 27	23 49	0 18	14 0	1 23	11 10	16 2	6 50	6 41	18 28			n.a.
T 8	23 33	4 22	0 42	24 32	0 49	17 7	5 20	14 13	0 50	5 46	1 20	8 18	2 27	23 49	0 18	14 1	1 23	11 10	16 2	6 50	6 39	18 28			n.a.
F 9	23 29	8 27	0s28	24 44	0 58	16 59	5 33	13 59	0 50	5 48	1 20	8 16	2 26	23 48	0 18	14 1	1 23	11 10	16 3	6 50	6 38	18 27			n.a.
S 10	23 25	12 13	1 39	24 53	1 7	16 51	5 45	13 45	0 49	5 51	1 20	8 14	2 26	23 48	0 18	14 1	1 23	11 11	16 3	6 50	6 37	18 27			n.a.
S 11	23 21	15 25	2 46	24 59	1 14	16 43	5 57	13 31	0 48	5 53	1 20	8 12	2 26	23 48	0 18	14 2	1 23	11 11	16 3	6 49	6 36	18 26			n.a.
M12	23 16	17 45	3 44	25 3	1 21	16 36	6 9	13 17	0 47	5 56	1 20	8 11	2 26	23 48	0 18	14 2	1 23	11 11	16 4	6 47	6 34	18 26			n.a.
T 13	23 11	18 55	4 28	25 4	1 27	16 30	6 20	13 3	0 47	5 58	1 20	8 9	2 26	23 48	0 18	14 2	1 23	11 11	16 4	6 44	6 33	18 25			n.a.
W14	23 5	18 46	4 54	25 2	1 32	16 24	6 30	12 49	0 46	6 0	1 21	8 7	2 26	23 48	0 18	14 3	1 23	11 12	16 4	6 40	6 32	18 25			n.a.
T 15	22 59	17 14	5 0	24 58	1 37	16 18	6 40	12 35	0 45	6 2	1 21	8 5	2 25	23 48	0 18	14 3	1 23	11 12	16 5	6 35	6 31	18 24			n.a.
F 16	22 53	14 31	4 44	24 51	1 40	16 13	6 49	12 20	0 45	6 4	1 21	8 3	2 25	23 47	0 18	14 4	1 23	11 12	16 5	6 31	6 29	18 24			n.a.
S 17	22 46	10 53	4 8	24 42	1 43	16 9	6 57	12 6	0 44	6 6	1 21	8 1	2 25	23 47	0 18	14 4	1 23	11 12	16 5	6 28	6 28	18 23			n.a.
S 18	22 38	6 41	3 18	24 30	1 45	16 5	7 4	11 51	0 43	6 8	1 21	7 59	2 25	23 47	0 18	14 5	1 23	11 13	16 5	6 25	6 27	18 23			n.a.
M19	22 31	2 15	2 17	24 15	1 47	16 1	7 11	11 36	0 42	6 10	1 22	7 57	2 25	23 47	0 18	14 5	1 23	11 13	16 6	6 24	6 26	18 22			n.a.
T 20	22 23	2s 9	1 10	23 59	1 47	15 59	7 17	11 21	0 42	6 12	1 22	7 55	2 24	23 47	0 18	14 6	1 23	11 13	16 6	6 23	6 25	18 21			n.a.
W21	22 14	6 19	0 1	23 40	1 48	15 57	7 22	11 6	0 41	6 14	1 22	7 52	2 24	23 47	0 18	14 6	1 23	11 14	16 6	6 23	6 23	18 21			n.a.
T 22	22 5	10 4	1n 6	23 19	1 47	15 55	7 26	10 51	0 40	6 15	1 22	7 50	2 24	23 47	0 18	14 6	1 23	11 14	16 7	6 23	6 22	18 20			n.a.
F 23	21 56	13 17	2 8	22 57	1 46	15 54	7 29	10 36	0 39	6 17	1 23	7 48	2 24	23 46	0 18	14 7	1 23	11 14	16 7	6 23	6 21	18 20			n.a.
S 24	21 46	15 51	3 2	22 32	1 44	15 54	7 32	10 21	0 39	6 18	1 23	7 46	2 24	23 46	0 18	14 7	1 23	11 15	16 7	6 21	6 20	18 19			n.a.
S 25	21 36	17 41	3 48	22 6	1 42	15 54	7 33	10 6	0 38	6 20	1 23	7 44	2 24	23 46	0 18	14 8	1 23	11 15	16 8	6 19	6 18	18 19			n.a.
M26	21 26	18 44	4 24	21 39	1 40	15 55	7 34	9 50	0 37	6 21	1 23	7 42	2 23	23 46	0 18	14 8	1 24	11 15	16 8	6 16	6 17	18 18			n.a.
T 27	21 15	18 58	4 48	21 10	1 37	15 56	7 35	9 35	0 36	6 23	1 23	7 39	2 23	23 46	0 18	14 9	1 24	11 16	16 8	6 12	6 16	18 18			n.a.
W28	21 4	18 21	4 59	20 40	1 33	15 58	7 34	9 19	0 36	6 24	1 24	7 37	2 23	23 46	0 18	14 9	1 24	11 16	16 8	6 7	6 15	18 17			n.a.
T 29	20 53	16 57	4 58	20 8	1 29	16 0	7 33	9 3	0 35	6 25	1 24	7 35	2 23	23 46	0 18	14 10	1 24	11 16	16 9	6 1	6 13	18 16			n.a.
F 30	20 41	14 48	4 43	19 36	1 25	16 3	7 31	8 48	0 34	6 26	1 24	7 32	2 23	23 46	0 18	14 11	1 24	11 17	16 9	5 56	6 12	18 16			n.a.
S 31	20n28	12s 1	4n16	19n 3	1n20	16n 6	7s29	8n32	0n34	6n27	1s24	7n30	2n23	23s45	0s18	14s11	1s24	11s17	16s 9	5s51	6s11	18s15			n.a.

Julian Day Number = 1498436.5, Delta T = 05h08m53s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'18, Lahiri = -12°23'18 Julian Calendar 1 July 611 BCE == Greg. Calendar 24 June 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

AUGUST 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 10 13	0♌44'50	28♒44	12♌33	6°R57	10♍25	19♈36	16♍48	20°R59	26°R25	8°R45	14°R30	15♎27	10♑23	n.a.	S 1
M 2	20 14 10	1°43'01	10♓59	14°16	6♋47	11° 5	19°39	16°54	20♐57	26♒23	8♈45	14♎23	15°23	10°30	n.a.	M 2
T 3	20 18 6	2°41'15	23°24	15°58	6°38	11°45	19°42	17° 0	20°55	26°22	8°45	14°19	15°20	10°37	n.a.	T 3
W 4	20 22 3	3°39'31	6♈ 1	17°39	6°33	12°25	19°44	17° 5	20°54	26°20	8°44	14°17	15°17	10°43	n.a.	W 4
T 5	20 26 0	4°37'48	18°54	19°18	6°30	13° 5	19°47	17°11	20°52	26°19	8°44	14°D17	15°14	10°50	n.a.	T 5
F 6	20 29 56	5°36'09	2♉ 6	20°57	6°D29	13°46	19°49	17°17	20°51	26°17	8°43	14°R17	15°11	10°57	n.a.	F 6
S 7	20 33 53	6°34'31	15°40	22°34	6°30	14°26	19°51	17°23	20°49	26°16	8°43	14°17	15° 8	11° 4	n.a.	S 7
S 8	20 37 49	7°32'56	29°39	24°10	6°34	15° 6	19°52	17°29	20°48	26°14	8°43	14°15	15° 4	11°10	n.a.	S 8
M 9	20 41 46	8°31'23	14♊ 1	25°45	6°40	15°46	19°54	17°35	20°47	26°12	8°42	14°11	15° 1	11°17	n.a.	M 9
T 10	20 45 42	9°29'52	28°46	27°19	6°48	16°27	19°55	17°41	20°45	26°11	8°42	14° 5	14°58	11°24	n.a.	T 10
W11	20 49 39	10°28'24	13♋47	28°52	6°59	17° 7	19°56	17°47	20°44	26° 9	8°41	13°56	14°55	11°31	n.a.	W11
T 12	20 53 35	11°26'58	28°55	0♍24	7°11	17°48	19°57	17°53	20°43	26° 8	8°41	13°47	14°52	11°37	n.a.	T 12
F 13	20 57 32	12°25'33	14♌ 2	1°54	7°26	18°29	19°58	18° 0	20°41	26° 6	8°40	13°37	14°48	11°44	n.a.	F 13
S 14	21 1 29	13°24'11	28°55	3°24	7°42	19° 9	19°59	18° 6	20°40	26° 4	8°39	13°30	14°45	11°51	n.a.	S 14
S 15	21 5 25	14°22'51	13♍28	4°52	8° 1	19°50	19°59	18°12	20°39	26° 3	8°39	13°24	14°42	11°57	n.a.	S 15
M16	21 9 22	15°21'33	27°34	6°19	8°21	20°31	19°R59	18°19	20°38	26° 1	8°38	13°21	14°39	12° 4	n.a.	M16
T 17	21 13 18	16°20'16	11♎12	7°45	8°43	21°12	19°59	18°25	20°37	26° 0	8°38	13°D19	14°36	12°11	n.a.	T 17
W18	21 17 15	17°19'02	24°22	9°10	9° 7	21°53	19°59	18°31	20°36	25°58	8°37	13°20	14°33	12°18	n.a.	W18
T 19	21 21 11	18°17'49	7♏ 8	10°34	9°33	22°34	19°58	18°38	20°35	25°56	8°36	13°21	14°29	12°24	n.a.	T 19
F 20	21 25 8	19°16'38	19°34	11°56	10° 0	23°15	19°58	18°44	20°34	25°55	8°36	13°R21	14°26	12°31	n.a.	F 20
S 21	21 29 4	20°15'29	1♐44	13°18	10°29	23°57	19°57	18°51	20°33	25°53	8°35	13°20	14°23	12°38	n.a.	S 21
S 22	21 33 1	21°14'22	13°43	14°38	10°59	24°38	19°56	18°57	20°33	25°51	8°34	13°18	14°20	12°44	n.a.	S 22
M23	21 36 57	22°13'17	25°37	15°56	11°31	25°19	19°54	19° 4	20°32	25°50	8°34	13°13	14°17	12°51	n.a.	M23
T 24	21 40 54	23°12'13	7♑29	17°14	12° 4	26° 1	19°53	19°11	20°31	25°48	8°33	13° 6	14°14	12°58	n.a.	T 24
W25	21 44 51	24°11'12	19°22	18°30	12°39	26°42	19°51	19°17	20°31	25°46	8°32	12°57	14°10	13° 5	n.a.	W25
T 26	21 48 47	25°10'13	1♒20	19°44	13°15	27°24	19°49	19°24	20°30	25°45	8°31	12°48	14° 7	13°11	n.a.	T 26
F 27	21 52 44	26° 9'15	13°24	20°57	13°52	28° 5	19°47	19°31	20°29	25°43	8°31	12°39	14° 4	13°18	n.a.	F 27
S 28	21 56 40	27° 8'20	25°35	22° 8	14°31	28°47	19°45	19°38	20°29	25°41	8°30	12°31	14° 1	13°25	n.a.	S 28
S 29	22 0 37	28° 7'27	7♓55	23°17	15°10	29°29	19°43	19°44	20°28	25°40	8°29	12°25	13°58	13°32	n.a.	S 29
M30	22 4 33	29° 6'36	20°25	24°24	15°51	0♎10	19°40	19°51	20°28	25°38	8°28	12°20	13°54	13°38	n.a.	M30
T 31	22 8 30	0♍ 5'47	3♈ 5	25♍29	16♋33	0♎52	19♈37	19♍58	20♐28	25♒36	8♈27	12♎18	13♎51	13♑45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20n16	8s42	3n36	18n28	1n15	16n 9	7s26	8n16	0n33	6n28	1s24	7n28	2n23	23s45	0s18	14s12	1s24	11s18	16s10	5s48	6s10	18s15			n.a.
M 2	20 3	4 59	2 47	17 53	1 10	16 13	7 23	8 0	0 32	6 29	1 25	7 25	2 22	23 45	0 18	14 12	1 24	11 18	16 10	5 45	6 8	18 14			n.a.
T 3	19 50	1 0	1 48	17 17	1 4	16 17	7 19	7 44	0 31	6 30	1 25	7 23	2 22	23 45	0 18	14 13	1 24	11 18	16 10	5 43	6 7	18 13			n.a.
W 4	19 36	3n 6	0 44	16 41	0 59	16 22	7 14	7 28	0 31	6 31	1 25	7 21	2 22	23 45	0 18	14 13	1 24	11 19	16 11	5 43	6 6	18 13			n.a.
T 5	19 22	7 8	0s25	16 4	0 53	16 27	7 10	7 11	0 30	6 31	1 25	7 18	2 22	23 45	0 18	14 14	1 24	11 19	16 11	5 42	6 5	18 12			n.a.
F 6	19 8	10 55	1 33	15 26	0 46	16 32	7 4	6 55	0 29	6 32	1 25	7 16	2 22	23 45	0 18	14 14	1 24	11 20	16 11	5 43	6 3	18 12			n.a.
S 7	18 53	14 14	2 39	14 48	0 40	16 38	6 59	6 39	0 28	6 33	1 26	7 13	2 22	23 45	0 18	14 15	1 24	11 20	16 11	5 42	6 2	18 11			n.a.
S 8	18 38	16 49	3 37	14 10	0 33	16 44	6 53	6 22	0 28	6 33	1 26	7 11	2 22	23 45	0 18	14 15	1 24	11 20	16 12	5 42	6 1	18 10			n.a.
M 9	18 23	18 27	4 23	13 31	0 26	16 49	6 47	6 6	0 27	6 33	1 26	7 8	2 21	23 45	0 18	14 16	1 24	11 21	16 12	5 40	6 0	18 10			n.a.
T 10	18 7	18 53	4 53	12 52	0 19	16 55	6 40	5 49	0 26	6 34	1 26	7 6	2 21	23 44	0 18	14 17	1 24	11 21	16 12	5 37	5 58	18 9			n.a.
W11	17 51	18 1	5 3	12 13	0 12	17 2	6 34	5 33	0 26	6 34	1 27	7 3	2 21	23 44	0 18	14 17	1 24	11 22	16 12	5 34	5 57	18 9			n.a.
T 12	17 35	15 52	4 53	11 33	0 5	17 8	6 27	5 16	0 25	6 34	1 27	7 1	2 21	23 44	0 18	14 18	1 24	11 22	16 13	5 30	5 56	18 8			n.a.
F 13	17 18	12 40	4 22	10 54	0s 3	17 14	6 20	4 59	0 24	6 34	1 27	6 58	2 21	23 44	0 18	14 18	1 24	11 23	16 13	5 27	5 55	18 7			n.a.
S 14	17 2	8 40	3 34	10 14	0 10	17 21	6 12	4 42	0 23	6 34	1 27	6 55	2 21	23 44	0 18	14 19	1 24	11 23	16 13	5 24	5 53	18 7			n.a.
S 15	16 44	4 15	2 33	9 35	0 18	17 27	6 5	4 25	0 23	6 34	1 27	6 53	2 21	23 44	0 18	14 19	1 24	11 24	16 14	5 21	5 52	18 6			n.a.
M16	16 27	0s17	1 23	8 55	0 26	17 33	5 57	4 8	0 22	6 34	1 28	6 50	2 21	23 44	0 18	14 20	1 24	11 24	16 14	5 20	5 51	18 5			n.a.
T 17	16 9	4 40	0 11	8 15	0 34	17 39	5 50	3 51	0 21	6 34	1 28	6 48	2 21	23 44	0 18	14 21	1 24	11 24	16 14	5 20	5 50	18 5			n.a.
W18	15 51	8 40	0n59	7 36	0 42	17 46	5 42	3 34	0 20	6 34	1 28	6 45	2 20	23 44	0 18	14 21	1 24	11 25	16 14	5 20	5 48	18 4			n.a.
T 19	15 33	12 8	2 4	6 57	0 49	17 52	5 34	3 17	0 20	6 33	1 28	6 42	2 20	23 44	0 18	14 22	1 24	11 25	16 14	5 20	5 47	18 4			n.a.
F 20	15 15	14 57	3 2	6 18	0 57	17 58	5 26	3 0	0 19	6 33	1 28	6 40	2 20	23 44	0 18	14 22	1 24	11 26	16 15	5 20	5 46	18 3			n.a.
S 21	14 56	17 2	3 50	5 39	1 5	18 4	5 18	2 43	0 18	6 32	1 29	6 37	2 20	23 44	0 18	14 23	1 24	11 26	16 15	5 20	5 45	18 2			n.a.
S 22	14 37	18 20	4 27	5 0	1 13	18 9	5 10	2 26	0 18	6 32	1 29	6 34	2 20	23 43	0 18	14 23	1 24	11 27	16 15	5 19	5 44	18 2			n.a.
M23	14 18	18 49	4 53	4 22	1 21	18 15	5 2	2 9	0 17	6 31	1 29	6 31	2 20	23 43	0 18	14 24	1 24	11 27	16 15	5 17	5 42	18 1			n.a.
T 24	13 58	18 28	5 5	3 45	1 29	18 20	4 54	1 51	0 16	6 30	1 29	6 29	2 20	23 43	0 18	14 25	1 24	11 28	16 16	5 14	5 41	18 0			n.a.
W25	13 38	17 19	5 5	3 8	1 37	18 25	4 46	1 34	0 15	6 29	1 29	6 26	2 20	23 43	0 18	14 25	1 24	11 28	16 16	5 11	5 40	18 0			n.a.
T 26	13 18	15 24	4 51	2 31	1 45	18 30	4 38	1 16	0 15	6 29	1 30	6 23	2 20	23 43	0 18	14 26	1 24	11 29	16 16	5 7	5 39	17 59			n.a.
F 27	12 58	12 49	4 24	1 55	1 53	18 34	4 29	0 59	0 14	6 28	1 30	6 21	2 20	23 43	0 18	14 26	1 24	11 29	16 16	5 4	5 37	17 58			n.a.
S 28	12 38	9 38	3 45	1 20	2 0	18 38	4 21	0 42	0 13	6 27	1 30	6 18	2 20	23 43	0 18	14 27	1 24	11 30	16 17	5 1	5 36	17 58			n.a.
S 29	12 17	6 1	2 55	0 45	2 8	18 42	4 13	0 24	0 13	6 25	1 30	6 15	2 20	23 43	0 18	14 28	1 24	11 30	16 17	4 58	5 35	17 57			n.a.
M30	11 56	2 5	1 56	0 12	2 15	18 45	4 5	0 7	0 12	6 24	1 30	6 12	2 20	23 43	0 18	14 28	1 24	11 31	16 17	4 56	5 34	17 56			n.a.
T 31	11n35	2n 0	0n50	0s21	2s22	18n48	3s57	0s11	0n11	6n23	1s30	6n 9	2n19	23s43	0s18	14s29	1s24	11s31	16s17	4s56	5s32	17s56			n.a.

Julian Day Number = 1498467.5, Delta T = 05h08m52s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'14, Lahiri = -12°23'13 Julian Calendar 1 Aug. 611 BCE == Greg. Calendar 25 July 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

SEPTEMBER 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 12 26	1♍ 5'01	15♈57	26♍32	17♋16	1♎34	19°R34	20♍ 5	20°R27	25°R35	8°R26	12°D18	13♎48	13♑52	n.a.	W 1
T 2	22 16 23	2° 4'17	29° 2	27°32	18° 0	2°16	19♈31	20°12	20♐27	25♒33	8♈26	12♎19	13°45	13°58	n.a.	T 2
F 3	22 20 19	3° 3'36	12♉21	28°30	18°45	2°58	19°27	20°19	20°27	25°31	8°25	12°20	13°42	14° 5	n.a.	F 3
S 4	22 24 16	4° 2'57	25°57	29°25	19°31	3°41	19°24	20°26	20°27	25°30	8°24	12°21	13°39	14°12	n.a.	S 4
S 5	22 28 13	5° 2'20	9♊50	0♎17	20°18	4°23	19°20	20°33	20°27	25°28	8°23	12°R21	13°35	14°19	n.a.	S 5
M 6	22 32 9	6° 1'46	24° 0	1° 5	21° 5	5° 5	19°16	20°40	20°26	25°26	8°22	12°20	13°32	14°25	n.a.	M 6
T 7	22 36 6	7° 1'15	8♋26	1°50	21°54	5°47	19°12	20°47	20°D26	25°25	8°21	12°17	13°29	14°32	n.a.	T 7
W 8	22 40 2	8° 0'46	23° 5	2°30	22°44	6°30	19° 7	20°54	20°27	25°23	8°20	12°13	13°26	14°39	n.a.	W 8
T 9	22 43 59	9° 0'19	7♌49	3° 6	23°34	7°12	19° 3	21° 1	20°27	25°22	8°19	12° 8	13°23	14°46	n.a.	T 9
F 10	22 47 55	9°59'54	22°34	3°37	24°25	7°55	18°58	21° 8	20°27	25°20	8°18	12° 3	13°20	14°52	n.a.	F 10
S 11	22 51 52	10°59'32	7♍10	4° 3	25°17	8°37	18°53	21°15	20°27	25°18	8°17	11°59	13°16	14°59	n.a.	S 11
S 12	22 55 48	11°59'12	21°31	4°22	26° 9	9°20	18°48	21°22	20°27	25°17	8°16	11°56	13°13	15° 6	n.a.	S 12
M13	22 59 45	12°58'54	5♎31	4°36	27° 2	10° 3	18°43	21°29	20°27	25°15	8°15	11°D55	13°10	15°12	n.a.	M13
T 14	23 3 42	13°58'38	19° 8	4°R42	27°56	10°46	18°37	21°36	20°28	25°14	8°14	11°55	13° 7	15°19	n.a.	T 14
W15	23 7 38	14°58'24	2♏20	4°41	28°50	11°29	18°32	21°43	20°28	25°12	8°13	11°56	13° 4	15°26	n.a.	W15
T 16	23 11 35	15°58'12	15°10	4°32	29°45	12°12	18°26	21°50	20°29	25°11	8°12	11°57	13° 0	15°33	n.a.	T 16
F 17	23 15 31	16°58'02	27°39	4°15	0♌41	12°55	18°20	21°57	20°29	25° 9	8°11	11°59	12°57	15°39	n.a.	F 17
S 18	23 19 28	17°57'53	9♐52	3°48	1°37	13°38	18°14	22° 5	20°30	25° 7	8°10	12° 0	12°54	15°46	n.a.	S 18
S 19	23 23 24	18°57'47	21°54	3°13	2°34	14°21	18° 8	22°12	20°30	25° 6	8° 9	12°R 0	12°51	15°53	n.a.	S 19
M20	23 27 21	19°57'42	3♑48	2°29	3°31	15° 4	18° 2	22°19	20°31	25° 5	8° 8	12° 0	12°48	15°59	n.a.	M20
T 21	23 31 17	20°57'39	15°41	1°37	4°29	15°47	17°55	22°26	20°32	25° 3	8° 7	11°58	12°45	16° 6	n.a.	T 21
W22	23 35 14	21°57'38	27°35	0°36	5°28	16°31	17°49	22°33	20°32	25° 2	8° 6	11°55	12°41	16°13	n.a.	W22
T 23	23 39 10	22°57'38	9♒36	29♍29	6°26	17°14	17°42	22°40	20°33	25° 0	8° 5	11°52	12°38	16°20	n.a.	T 23
F 24	23 43 7	23°57'41	21°46	28°17	7°26	17°57	17°35	22°47	20°34	24°59	8° 3	11°49	12°35	16°26	n.a.	F 24
S 25	23 47 4	24°57'45	4♓ 7	27° 1	8°25	18°41	17°28	22°54	20°35	24°57	8° 2	11°47	12°32	16°33	n.a.	S 25
S 26	23 51 0	25°57'51	16°41	25°44	9°26	19°24	17°21	23° 2	20°36	24°56	8° 1	11°45	12°29	16°40	n.a.	S 26
M27	23 54 57	26°57'59	29°28	24°28	10°26	20° 8	17°14	23° 9	20°37	24°55	8° 0	11°43	12°25	16°47	n.a.	M27
T 28	23 58 53	27°58'09	12♈30	23°15	11°28	20°52	17° 7	23°16	20°38	24°53	7°59	11°D43	12°22	16°53	n.a.	T 28
W29	0 2 50	28°58'21	25°45	22° 8	12°29	21°36	16°59	23°23	20°39	24°52	7°58	11°43	12°19	17° 0	n.a.	W29
T 30	0 6 46	29♍58'35	9♉12	21♍ 9	13♌31	22♎19	16♈52	23♍30	20♐40	24♒51	7♈57	11♎44	12♎16	17♑ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11n14	6n 3	0s20	0s53	2s29	18n51	3s49	0s28	0n10	6n22	1s31	6n 7	2n19	23s43	0s18	14s29	1s24	11s32	16s17	4s55	5s31	17s55		n.a.
T 2	10 53	9 53	1 30	1 23	2 36	18 53	3 41	0 46	0 10	6 20	1 31	6 4	2 19	23 43	0 18	14 30	1 24	11 32	16 17	4 56	5 30	17 54		n.a.
F 3	10 31	13 17	2 36	1 52	2 42	18 55	3 33	1 4	0 9	6 19	1 31	6 1	2 19	23 43	0 18	14 30	1 24	11 33	16 18	4 56	5 29	17 54		n.a.
S 4	10 9	16 1	3 35	2 20	2 49	18 57	3 25	1 21	0 8	6 17	1 31	5 58	2 19	23 43	0 18	14 31	1 24	11 33	16 18	4 57	5 27	17 53		n.a.
S 5	9 48	17 54	4 23	2 46	2 54	18 58	3 17	1 39	0 8	6 16	1 31	5 55	2 19	23 43	0 18	14 32	1 24	11 34	16 18	4 57	5 26	17 52		n.a.
M 6	9 25	18 42	4 56	3 11	3 0	18 58	3 9	1 56	0 7	6 14	1 31	5 53	2 19	23 43	0 18	14 32	1 24	11 34	16 18	4 56	5 25	17 52		n.a.
T 7	9 3	18 20	5 11	3 33	3 5	18 59	3 1	2 14	0 6	6 12	1 32	5 50	2 19	23 43	0 18	14 33	1 24	11 35	16 18	4 55	5 24	17 51		n.a.
W 8	8 41	16 44	5 6	3 54	3 9	18 58	2 53	2 32	0 6	6 10	1 32	5 47	2 19	23 43	0 18	14 33	1 24	11 35	16 18	4 54	5 22	17 50		n.a.
T 9	8 18	14 2	4 41	4 12	3 13	18 57	2 46	2 49	0 5	6 9	1 32	5 44	2 19	23 43	0 18	14 34	1 24	11 36	16 19	4 52	5 21	17 49		n.a.
F 10	7 55	10 27	3 57	4 27	3 16	18 56	2 38	3 7	0 4	6 7	1 32	5 41	2 19	23 43	0 18	14 34	1 24	11 37	16 19	4 50	5 20	17 49		n.a.
S 11	7 33	6 14	2 59	4 40	3 19	18 54	2 31	3 25	0 3	6 5	1 32	5 38	2 19	23 43	0 18	14 35	1 24	11 37	16 19	4 48	5 19	17 48		n.a.
S 12	7 10	1 44	1 49	4 49	3 20	18 52	2 23	3 42	0 3	6 3	1 32	5 36	2 19	23 43	0 18	14 35	1 24	11 38	16 19	4 47	5 17	17 47		n.a.
M13	6 46	2s45	0 35	4 55	3 21	18 49	2 16	4 0	0 2	6 0	1 32	5 33	2 19	23 43	0 18	14 36	1 24	11 38	16 19	4 46	5 16	17 47		n.a.
T 14	6 23	6 59	0n40	4 57	3 21	18 46	2 8	4 18	0 1	5 58	1 32	5 30	2 19	23 43	0 18	14 36	1 24	11 39	16 19	4 46	5 15	17 46		n.a.
W15	6 0	10 44	1 50	4 55	3 19	18 42	2 1	4 35	0 1	5 56	1 33	5 27	2 19	23 43	0 18	14 37	1 24	11 39	16 19	4 47	5 14	17 45		n.a.
T 16	5 36	13 51	2 53	4 49	3 16	18 37	1 54	4 53	0s 0	5 54	1 33	5 24	2 19	23 43	0 18	14 38	1 24	11 40	16 20	4 47	5 12	17 44		n.a.
F 17	5 13	16 15	3 45	4 38	3 11	18 33	1 47	5 11	0 1	5 51	1 33	5 21	2 19	23 43	0 18	14 38	1 24	11 40	16 20	4 48	5 11	17 44		n.a.
S 18	4 49	17 50	4 27	4 21	3 5	18 27	1 40	5 28	0 1	5 49	1 33	5 18	2 19	23 43	0 18	14 39	1 24	11 41	16 20	4 48	5 10	17 43		n.a.
S 19	4 26	18 36	4 56	4 0	2 57	18 21	1 33	5 46	0 2	5 47	1 33	5 16	2 19	23 43	0 18	14 39	1 24	11 41	16 20	4 49	5 8	17 42		n.a.
M20	4 2	18 31	5 12	3 33	2 48	18 14	1 26	6 3	0 3	5 44	1 33	5 13	2 19	23 43	0 18	14 40	1 24	11 42	16 20	4 48	5 7	17 42		n.a.
T 21	3 38	17 38	5 14	3 2	2 36	18 7	1 19	6 21	0 3	5 41	1 33	5 10	2 19	23 43	0 18	14 40	1 24	11 42	16 20	4 48	5 6	17 41		n.a.
W22	3 14	15 58	5 3	2 25	2 22	18 0	1 12	6 38	0 4	5 39	1 33	5 7	2 19	23 43	0 18	14 41	1 24	11 43	16 20	4 46	5 5	17 40		n.a.
T 23	2 50	13 37	4 39	1 44	2 7	17 51	1 6	6 56	0 5	5 36	1 33	5 4	2 19	23 43	0 18	14 41	1 24	11 43	16 20	4 45	5 3	17 39		n.a.
F 24	2 26	10 38	4 2	0 59	1 50	17 43	0 59	7 13	0 6	5 34	1 33	5 1	2 19	23 43	0 18	14 41	1 24	11 44	16 20	4 44	5 2	17 39		n.a.
S 25	2 2	7 8	3 13	0 12	1 31	17 33	0 53	7 31	0 6	5 31	1 33	4 58	2 19	23 43	0 18	14 42	1 24	11 44	16 20	4 43	5 1	17 38		n.a.
S 26	1 38	3 16	2 14	0n37	1 12	17 23	0 47	7 48	0 7	5 28	1 33	4 56	2 19	23 43	0 18	14 42	1 24	11 44	16 20	4 42	5 0	17 37		n.a.
M27	1 13	0n49	1 7	1 27	0 51	17 13	0 40	8 5	0 8	5 25	1 34	4 53	2 19	23 44	0 18	14 43	1 24	11 45	16 20	4 42	4 58	17 36		n.a.
T 28	0 49	4 56	0s 4	2 15	0 31	17 2	0 34	8 23	0 8	5 22	1 34	4 50	2 19	23 44	0 18	14 43	1 24	11 45	16 20	4 42	4 57	17 36		n.a.
W29	0 25	8 53	1 17	3 0	0 10	16 50	0 28	8 40	0 9	5 19	1 34	4 47	2 19	23 44	0 18	14 44	1 24	11 46	16 20	4 42	4 56	17 35		n.a.
T 30	0n 1	12n27	2s26	3n42	0n10	16n38	0s22	8s57	0s10	5n17	1s34	4n44	2n19	23s44	0s18	14s44	1s24	11s46	16s21	4s42	4s55	17s34		n.a.

Julian Day Number = 1498498.5, Delta T = 05h08m50s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'10, Lahiri = -12°23'09 Julian Calendar 1 Sept. 611 BCE == Greg. Calendar 25 Aug. 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

OCTOBER 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 10 43	0♎58'51	22♉52	20°R19	14♌33	23♎ 3	16°R44	23♍37	20♐42	24°R49	7°R56	11♎45	12♎13	17♏13	n.a.	F 1
S 2	0 14 39	1°59'10	6♊41	19♍39	15°36	23°47	16♈37	23°44	20°43	24♒48	7♈55	11°46	12°10	17°20	n.a.	S 2
S 3	0 18 36	2°59'30	20°41	19°12	16°39	24°31	16°29	23°51	20°44	24°47	7°53	11°47	12° 6	17°27	n.a.	S 3
M 4	0 22 33	3°59'53	4♋48	18°55	17°42	25°15	16°21	23°58	20°46	24°46	7°52	11°R47	12° 3	17°34	n.a.	M 4
T 5	0 26 29	5° 0'18	19° 1	18°D51	18°46	25°59	16°13	24° 6	20°47	24°44	7°51	11°47	12° 0	17°40	n.a.	T 5
W 6	0 30 26	6° 0'44	3♌19	18°57	19°50	26°43	16° 5	24°13	20°48	24°43	7°50	11°46	11°57	17°47	n.a.	W 6
T 7	0 34 22	7° 1'13	17°36	19°15	20°55	27°28	15°57	24°20	20°50	24°42	7°49	11°46	11°54	17°54	n.a.	T 7
F 8	0 38 19	8° 1'44	1♍51	19°42	22° 0	28°12	15°49	24°27	20°51	24°41	7°48	11°45	11°51	18° 1	n.a.	F 8
S 9	0 42 15	9° 2'17	15°59	20°18	23° 5	28°56	15°41	24°34	20°53	24°40	7°47	11°45	11°47	18° 7	n.a.	S 9
S 10	0 46 12	10° 2'52	29°56	21° 2	24°10	29°41	15°33	24°41	20°55	24°39	7°46	11°45	11°44	18°14	n.a.	S 10
M11	0 50 8	11° 3'28	13♎38	21°53	25°16	0♏25	15°25	24°48	20°56	24°38	7°44	11°D45	11°41	18°21	n.a.	M11
T 12	0 54 5	12° 4'06	27° 3	22°51	26°21	1°10	15°17	24°55	20°58	24°37	7°43	11°R45	11°38	18°27	n.a.	T 12
W13	0 58 1	13° 4'45	10♏ 9	23°54	27°28	1°54	15° 9	25° 2	21° 0	24°36	7°42	11°45	11°35	18°34	n.a.	W13
T 14	1 1 58	14° 5'26	22°56	25° 2	28°34	2°39	15° 0	25° 8	21° 2	24°35	7°41	11°44	11°31	18°41	n.a.	T 14
F 15	1 5 55	15° 6'09	5♐26	26°14	29°41	3°24	14°52	25°15	21° 4	24°34	7°40	11°44	11°28	18°48	n.a.	F 15
S 16	1 9 51	16° 6'52	17°41	27°29	0♍48	4° 8	14°44	25°22	21° 6	24°33	7°39	11°44	11°25	18°54	n.a.	S 16
S 17	1 13 48	17° 7'38	29°44	28°48	1°55	4°53	14°36	25°29	21° 8	24°32	7°38	11°43	11°22	19° 1	n.a.	S 17
M18	1 17 44	18° 8'24	11♑39	0♎ 9	3° 2	5°38	14°28	25°36	21°10	24°31	7°37	11°43	11°19	19° 8	n.a.	M18
T 19	1 21 41	19° 9'11	23°32	1°33	4°10	6°23	14°19	25°43	21°12	24°31	7°35	11°D43	11°16	19°14	n.a.	T 19
W20	1 25 37	20°10'00	5♒26	2°58	5°17	7° 8	14°11	25°49	21°14	24°30	7°34	11°43	11°12	19°21	n.a.	W20
T 21	1 29 34	21°10'50	17°27	4°25	6°25	7°53	14° 3	25°56	21°16	24°29	7°33	11°44	11° 9	19°28	n.a.	T 21
F 22	1 33 30	22°11'41	29°38	5°53	7°34	8°38	13°55	26° 3	21°18	24°28	7°32	11°45	11° 6	19°35	n.a.	F 22
S 23	1 37 27	23°12'32	12♓ 4	7°22	8°42	9°23	13°47	26° 9	21°20	24°28	7°31	11°46	11° 3	19°41	n.a.	S 23
S 24	1 41 24	24°13'25	24°47	8°51	9°51	10° 8	13°39	26°16	21°22	24°27	7°30	11°47	11° 0	19°48	n.a.	S 24
M25	1 45 20	25°14'20	7♈50	10°22	11° 0	10°54	13°31	26°22	21°25	24°26	7°29	11°R47	10°56	19°55	n.a.	M25
T 26	1 49 17	26°15'15	21°12	11°53	12° 9	11°39	13°24	26°29	21°27	24°26	7°28	11°47	10°53	20° 2	n.a.	T 26
W27	1 53 13	27°16'11	4♉53	13°25	13°18	12°24	13°16	26°35	21°29	24°25	7°27	11°46	10°50	20° 8	n.a.	W27
T 28	1 57 10	28°17'09	18°49	14°57	14°27	13°10	13° 8	26°42	21°32	24°25	7°26	11°45	10°47	20°15	n.a.	T 28
F 29	2 1 6	29°18'08	2♊57	16°29	15°37	13°55	13° 1	26°48	21°34	24°24	7°25	11°42	10°44	20°22	n.a.	F 29
S 30	2 5 3	0♏19'08	17°13	18° 2	16°46	14°40	12°53	26°55	21°37	24°24	7°24	11°40	10°41	20°28	n.a.	S 30
S 31	2 8 59	1♏20'10	1♋32	19♎35	17♍56	15♏26	12♈46	27♍ 1	21♐39	24♒23	7♈23	11♎37	10♎37	20♏35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s24	15n23	3s29	4n20	0n29	16n25	0s17	9s14	0s10	5n14	1s34	4n41	2n19	23s44	0s18	14s45	1s24	11s47	16s21	4s43	4s53	17s33		n.a.
S 2	0 48	17 27	4 20	4 52	0 46	16 12	0 11	9 31	0 11	5 11	1 34	4 39	2 19	23 44	0 18	14 45	1 24	11 47	16 21	4 43	4 52	17 33		n.a.
S 3	1 12	18 31	4 56	5 18	1 3	15 58	0 5	9 48	0 12	5 8	1 34	4 36	2 19	23 44	0 18	14 45	1 24	11 48	16 21	4 43	4 51	17 32		n.a.
M 4	1 37	18 26	5 15	5 37	1 17	15 44	0n 0	10 5	0 12	5 5	1 34	4 33	2 19	23 44	0 18	14 46	1 24	11 48	16 21	4 43	4 50	17 31		n.a.
T 5	2 1	17 12	5 14	5 51	1 30	15 29	0 6	10 22	0 13	5 2	1 34	4 30	2 19	23 44	0 18	14 46	1 24	11 49	16 21	4 43	4 48	17 30		n.a.
W 6	2 25	14 54	4 55	5 59	1 41	15 14	0 11	10 39	0 14	4 59	1 34	4 27	2 19	23 44	0 18	14 46	1 24	11 49	16 21	4 43	4 47	17 29		n.a.
T 7	2 49	11 41	4 17	6 0	1 51	14 58	0 16	10 56	0 14	4 55	1 34	4 25	2 20	23 44	0 18	14 47	1 24	11 50	16 21	4 43	4 46	17 29		n.a.
F 8	3 14	7 48	3 24	5 57	1 59	14 42	0 21	11 13	0 15	4 52	1 34	4 22	2 20	23 44	0 18	14 47	1 24	11 50	16 21	4 43	4 45	17 28		n.a.
S 9	3 38	3 29	2 18	5 48	2 5	14 25	0 26	11 29	0 16	4 49	1 33	4 19	2 20	23 45	0 18	14 48	1 24	11 50	16 21	4 42	4 43	17 27		n.a.
S 10	4 2	0s58	1 5	5 35	2 10	14 8	0 31	11 46	0 16	4 46	1 33	4 16	2 20	23 45	0 18	14 48	1 24	11 51	16 20	4 42	4 42	17 26		n.a.
M11	4 26	5 17	0n10	5 18	2 13	13 50	0 36	12 2	0 17	4 43	1 33	4 14	2 20	23 45	0 18	14 48	1 24	11 51	16 20	4 42	4 41	17 26		n.a.
T 12	4 50	9 15	1 24	4 57	2 15	13 32	0 40	12 19	0 18	4 40	1 33	4 11	2 20	23 45	0 18	14 49	1 24	11 52	16 20	4 42	4 40	17 25		n.a.
W13	5 14	12 40	2 31	4 32	2 16	13 13	0 45	12 35	0 18	4 37	1 33	4 8	2 20	23 45	0 18	14 49	1 24	11 52	16 20	4 42	4 38	17 24		n.a.
T 14	5 38	15 23	3 29	4 5	2 16	12 54	0 49	12 51	0 19	4 34	1 33	4 6	2 20	23 45	0 18	14 49	1 24	11 52	16 20	4 42	4 37	17 23		n.a.
F 15	6 2	17 18	4 16	3 35	2 16	12 34	0 53	13 7	0 20	4 31	1 33	4 3	2 20	23 45	0 18	14 49	1 24	11 53	16 20	4 42	4 36	17 22		n.a.
S 16	6 25	18 23	4 50	3 3	2 14	12 14	0 57	13 23	0 20	4 27	1 33	4 0	2 20	23 45	0 18	14 50	1 24	11 53	16 20	4 42	4 35	17 22		n.a.
S 17	6 49	18 36	5 10	2 30	2 12	11 54	1 1	13 39	0 21	4 24	1 33	3 58	2 20	23 46	0 18	14 50	1 24	11 54	16 20	4 42	4 33	17 21		n.a.
M18	7 12	17 59	5 17	1 54	2 9	11 33	1 5	13 55	0 21	4 21	1 33	3 55	2 20	23 46	0 18	14 50	1 24	11 54	16 20	4 42	4 32	17 20		n.a.
T 19	7 36	16 35	5 10	1 17	2 5	11 11	1 9	14 11	0 22	4 18	1 33	3 52	2 20	23 46	0 18	14 50	1 24	11 54	16 20	4 42	4 31	17 19		n.a.
W20	7 59	14 29	4 50	0 39	2 1	10 49	1 13	14 26	0 23	4 15	1 32	3 50	2 21	23 46	0 18	14 51	1 24	11 55	16 20	4 42	4 30	17 18		n.a.
T 21	8 22	11 44	4 18	0 1	1 57	10 27	1 16	14 42	0 23	4 12	1 32	3 47	2 21	23 46	0 18	14 51	1 23	11 55	16 20	4 42	4 28	17 18		n.a.
F 22	8 45	8 26	3 33	0s39	1 52	10 5	1 20	14 57	0 24	4 9	1 32	3 44	2 21	23 46	0 18	14 51	1 23	11 55	16 20	4 42	4 27	17 17		n.a.
S 23	9 8	4 43	2 37	1 20	1 47	9 42	1 23	15 12	0 25	4 6	1 32	3 42	2 21	23 46	0 18	14 51	1 23	11 56	16 20	4 43	4 26	17 16		n.a.
S 24	9 31	0 41	1 33	2 0	1 42	9 19	1 26	15 27	0 25	4 3	1 32	3 39	2 21	23 47	0 18	14 52	1 23	11 56	16 19	4 43	4 24	17 15		n.a.
M25	9 54	3n29	0 22	2 42	1 36	8 55	1 29	15 42	0 26	4 0	1 32	3 37	2 21	23 47	0 18	14 52	1 23	11 56	16 19	4 43	4 23	17 14		n.a.
T 26	10 16	7 35	0s52	3 23	1 30	8 31	1 32	15 57	0 26	3 57	1 32	3 34	2 21	23 47	0 18	14 52	1 23	11 57	16 19	4 43	4 22	17 13		n.a.
W27	10 38	11 23	2 4	4 5	1 24	8 7	1 35	16 12	0 27	3 54	1 31	3 32	2 21	23 47	0 18	14 52	1 23	11 57	16 19	4 43	4 21	17 13		n.a.
T 28	11 1	14 36	3 11	4 47	1 17	7 42	1 38	16 26	0 28	3 52	1 31	3 29	2 21	23 47	0 18	14 52	1 23	11 57	16 19	4 42	4 19	17 12		n.a.
F 29	11 23	17 1	4 6	5 29	1 11	7 17	1 41	16 41	0 28	3 49	1 31	3 27	2 22	23 47	0 18	14 52	1 23	11 57	16 19	4 41	4 18	17 11		n.a.
S 30	11 44	18 23	4 47	6 10	1 5	6 52	1 43	16 55	0 29	3 46	1 31	3 24	2 22	23 47	0 18	14 52	1 23	11 58	16 19	4 40	4 17	17 10		n.a.
S 31	12s 6	18n35	5s10	6s52	0n58	6n27	1n45	17s 9	0s30	3n43	1s31	3n22	2n22	23s48	0s18	14s53	1s23	11s58	16s18	4s39	4s16	17s 9		n.a.

Julian Day Number = 1498528.5, Delta T = 05h08m49s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'06, Lahiri = -12°23'05 Julian Calendar 1 Oct. 611 BCE == Greg. Calendar 24 Sept. 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

NOVEMBER 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 12 56	2♏21'13	15♋50	21♎ 8	19♍ 6	16♏11	12°R39	27♍ 7	21♐42	24°R23	7°R22	11°R36	10♎34	20♑42	n.a.	M 1
T 2	2 16 53	3°22'17	0♌ 4	22°41	20°16	16°57	12♈31	27°14	21°45	24♒22	7♈21	11°D35	10°31	20°49	n.a.	T 2
W 3	2 20 49	4°23'23	14°11	24°14	21°27	17°43	12°24	27°20	21°47	24°22	7°20	11♎35	10°28	20°55	n.a.	W 3
T 4	2 24 46	5°24'29	28°10	25°47	22°37	18°28	12°17	27°26	21°50	24°22	7°19	11°36	10°25	21° 2	n.a.	T 4
F 5	2 28 42	6°25'37	11♍59	27°21	23°48	19°14	12°11	27°32	21°53	24°22	7°18	11°38	10°22	21° 9	n.a.	F 5
S 6	2 32 39	7°26'46	25°39	28°54	24°59	20° 0	12° 4	27°38	21°55	24°21	7°17	11°39	10°18	21°15	n.a.	S 6
S 7	2 36 35	8°27'56	9♎ 7	0♏28	26°10	20°46	11°57	27°44	21°58	24°21	7°16	11°R40	10°15	21°22	n.a.	S 7
M 8	2 40 32	9°29'07	22°24	2° 1	27°21	21°32	11°51	27°50	22° 1	24°21	7°15	11°39	10°12	21°29	n.a.	M 8
T 9	2 44 28	10°30'19	5♏28	3°35	28°32	22°18	11°44	27°56	22° 4	24°21	7°14	11°38	10° 9	21°36	n.a.	T 9
W10	2 48 25	11°31'31	18°19	5° 9	29°43	23° 4	11°38	28° 2	22° 7	24°21	7°13	11°34	10° 6	21°42	n.a.	W10
T 11	2 52 22	12°32'44	0♐57	6°42	0♎54	23°50	11°32	28° 8	22° 9	24°21	7°12	11°29	10° 2	21°49	n.a.	T 11
F 12	2 56 18	13°33'58	13°21	8°16	2° 6	24°36	11°26	28°13	22°12	24°D21	7°11	11°23	9°59	21°56	n.a.	F 12
S 13	3 0 15	14°35'12	25°33	9°50	3°17	25°22	11°21	28°19	22°15	24°21	7°10	11°17	9°56	22° 3	n.a.	S 13
S 14	3 4 11	15°36'26	7♑35	11°24	4°29	26° 8	11°15	28°25	22°18	24°21	7° 9	11°11	9°53	22° 9	n.a.	S 14
M15	3 8 8	16°37'41	19°30	12°59	5°41	26°54	11°10	28°30	22°21	24°21	7° 8	11° 6	9°50	22°16	n.a.	M15
T 16	3 12 4	17°38'56	1♒22	14°33	6°53	27°41	11° 5	28°36	22°24	24°21	7° 8	11° 3	9°47	22°23	n.a.	T 16
W17	3 16 1	18°40'11	13°14	16° 7	8° 5	28°27	11° 0	28°41	22°27	24°21	7° 7	11° 2	9°43	22°29	n.a.	W17
T 18	3 19 58	19°41'26	25°11	17°42	9°17	29°13	10°55	28°46	22°31	24°21	7° 6	11°D 2	9°40	22°36	n.a.	T 18
F 19	3 23 54	20°42'42	7♓20	19°17	10°29	29°59	10°50	28°52	22°34	24°21	7° 5	11° 3	9°37	22°43	n.a.	F 19
S 20	3 27 51	21°43'57	19°44	20°52	11°41	0♐46	10°46	28°57	22°37	24°22	7° 4	11° 4	9°34	22°50	n.a.	S 20
S 21	3 31 47	22°45'12	2♈28	22°27	12°53	1°32	10°41	29° 2	22°40	24°22	7° 4	11° 6	9°31	22°56	n.a.	S 21
M22	3 35 44	23°46'27	15°36	24° 3	14° 6	2°19	10°37	29° 7	22°43	24°22	7° 3	11°R 6	9°27	23° 3	n.a.	M22
T 23	3 39 40	24°47'43	29°10	25°39	15°18	3° 5	10°33	29°12	22°46	24°23	7° 2	11° 4	9°24	23°10	n.a.	T 23
W24	3 43 37	25°48'58	13♉ 8	27°15	16°30	3°52	10°30	29°17	22°50	24°23	7° 1	11° 1	9°21	23°16	n.a.	W24
T 25	3 47 33	26°50'13	27°29	28°51	17°43	4°38	10°26	29°22	22°53	24°23	7° 1	10°55	9°18	23°23	n.a.	T 25
F 26	3 51 30	27°51'29	12♊ 6	0♐28	18°56	5°25	10°23	29°27	22°56	24°24	7° 0	10°48	9°15	23°30	n.a.	F 26
S 27	3 55 27	28°52'45	26°53	2° 4	20° 8	6°11	10°19	29°32	22°59	24°24	6°59	10°40	9°12	23°37	n.a.	S 27
S 28	3 59 23	29°54'00	11♋40	3°42	21°21	6°58	10°17	29°36	23° 3	24°25	6°59	10°32	9° 8	23°43	n.a.	S 28
M29	4 3 20	0♐55'16	26°21	5°19	22°34	7°45	10°14	29°41	23° 6	24°26	6°58	10°26	9° 5	23°50	n.a.	M29
T 30	4 7 16	1♐56'32	10♌49	6♐57	23♎47	8♐32	10♈11	29♍45	23♐ 9	24♒26	6♈58	10♎22	9♎ 2	23♑57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s27	17n37	5s14	7s34	0n51	6n 1	1n48	17s23	0s30	3n41	1s30	3n20	2n22	23s48	0s18	14s53	1s23	11s58	16s18	4s39	4s14	17s 8		n.a.
T 2	12 48	15 33	4 59	8 15	0 45	5 35	1 50	17 37	0 31	3 38	1 30	3 17	2 22	23 48	0 18	14 53	1 23	11 58	16 18	4 38	4 13	17 8		n.a.
W 3	13 9	12 34	4 26	8 56	0 38	5 9	1 52	17 51	0 31	3 35	1 30	3 15	2 22	23 48	0 18	14 53	1 23	11 59	16 18	4 38	4 12	17 7		n.a.
T 4	13 30	8 53	3 37	9 37	0 31	4 42	1 54	18 4	0 32	3 33	1 30	3 12	2 22	23 48	0 18	14 53	1 23	11 59	16 18	4 39	4 11	17 6		n.a.
F 5	13 51	4 46	2 36	10 18	0 24	4 16	1 56	18 18	0 32	3 30	1 30	3 10	2 23	23 48	0 18	14 53	1 23	11 59	16 18	4 40	4 9	17 5		n.a.
S 6	14 11	0 26	1 27	10 58	0 17	3 49	1 57	18 31	0 33	3 28	1 29	3 8	2 23	23 49	0 18	14 53	1 23	11 59	16 17	4 40	4 8	17 4		n.a.
S 7	14 31	3s53	0 14	11 37	0 11	3 22	1 59	18 44	0 34	3 25	1 29	3 6	2 23	23 49	0 18	14 53	1 23	11 59	16 17	4 40	4 7	17 3		n.a.
M 8	14 51	7 56	0n59	12 17	0 4	2 54	2 0	18 57	0 34	3 23	1 29	3 3	2 23	23 49	0 18	14 53	1 23	12 0	16 17	4 40	4 6	17 2		n.a.
T 9	15 10	11 32	2 7	12 55	0s 3	2 27	2 2	19 9	0 35	3 21	1 29	3 1	2 23	23 49	0 18	14 53	1 23	12 0	16 17	4 39	4 4	17 2		n.a.
W10	15 30	14 31	3 7	13 34	0 9	1 59	2 3	19 22	0 35	3 19	1 28	2 59	2 23	23 49	0 18	14 53	1 23	12 0	16 17	4 38	4 3	17 1		n.a.
T 11	15 49	16 45	3 57	14 11	0 16	1 32	2 4	19 34	0 36	3 17	1 28	2 57	2 24	23 49	0 18	14 53	1 23	12 0	16 16	4 36	4 2	17 0		n.a.
F 12	16 8	18 10	4 35	14 48	0 22	1 4	2 5	19 46	0 36	3 15	1 28	2 55	2 24	23 50	0 18	14 53	1 23	12 0	16 16	4 34	4 0	16 59		n.a.
S 13	16 26	18 42	5 0	15 25	0 29	0 36	2 6	19 58	0 37	3 13	1 27	2 52	2 24	23 50	0 18	14 53	1 23	12 0	16 16	4 31	3 59	16 58		n.a.
S 14	16 44	18 23	5 11	16 1	0 35	0 8	2 7	20 10	0 38	3 11	1 27	2 50	2 24	23 50	0 18	14 53	1 23	12 1	16 16	4 29	3 58	16 57		n.a.
M15	17 2	17 15	5 8	16 36	0 41	0s20	2 7	20 21	0 38	3 9	1 27	2 48	2 24	23 50	0 18	14 53	1 23	12 1	16 15	4 27	3 57	16 56		n.a.
T 16	17 20	15 23	4 52	17 10	0 47	0 49	2 8	20 32	0 39	3 7	1 27	2 46	2 24	23 50	0 18	14 53	1 23	12 1	16 15	4 26	3 55	16 55		n.a.
W17	17 37	12 52	4 24	17 44	0 53	1 17	2 8	20 43	0 39	3 5	1 26	2 44	2 25	23 50	0 18	14 53	1 23	12 1	16 15	4 25	3 54	16 55		n.a.
T 18	17 54	9 48	3 44	18 17	0 59	1 45	2 9	20 54	0 40	3 4	1 26	2 42	2 25	23 51	0 18	14 53	1 22	12 1	16 15	4 25	3 53	16 54		n.a.
F 19	18 10	6 16	2 53	18 49	1 5	2 14	2 9	21 5	0 40	3 2	1 26	2 40	2 25	23 51	0 18	14 53	1 22	12 1	16 14	4 26	3 52	16 53		n.a.
S 20	18 27	2 23	1 53	19 21	1 10	2 42	2 9	21 15	0 41	3 0	1 25	2 38	2 25	23 51	0 18	14 52	1 22	12 1	16 14	4 26	3 50	16 52		n.a.
S 21	18 43	1n42	0 47	19 51	1 15	3 11	2 9	21 26	0 41	2 59	1 25	2 36	2 25	23 51	0 18	14 52	1 22	12 1	16 14	4 27	3 49	16 51		n.a.
M22	18 58	5 51	0s24	20 20	1 21	3 39	2 9	21 36	0 42	2 58	1 25	2 35	2 26	23 51	0 18	14 52	1 22	12 1	16 14	4 27	3 48	16 50		n.a.
T 23	19 14	9 50	1 36	20 49	1 25	4 7	2 9	21 45	0 42	2 56	1 25	2 33	2 26	23 52	0 18	14 52	1 22	12 1	16 13	4 26	3 47	16 49		n.a.
W24	19 28	13 23	2 44	21 16	1 30	4 36	2 9	21 55	0 43	2 55	1 24	2 31	2 26	23 52	0 18	14 52	1 22	12 1	16 13	4 25	3 45	16 48		n.a.
T 25	19 43	16 14	3 44	21 43	1 35	5 4	2 9	22 4	0 43	2 54	1 24	2 29	2 26	23 52	0 18	14 52	1 22	12 1	16 13	4 23	3 44	16 47		n.a.
F 26	19 57	18 6	4 30	22 8	1 39	5 32	2 8	22 13	0 44	2 53	1 24	2 27	2 26	23 52	0 18	14 51	1 22	12 1	16 13	4 20	3 43	16 47		n.a.
S 27	20 11	18 46	4 58	22 32	1 43	6 1	2 8	22 22	0 45	2 52	1 23	2 26	2 27	23 52	0 18	14 51	1 22	12 1	16 12	4 17	3 42	16 46		n.a.
S 28	20 24	18 9	5 7	22 55	1 47	6 29	2 7	22 31	0 45	2 51	1 23	2 24	2 27	23 52	0 18	14 51	1 22	12 1	16 12	4 14	3 40	16 45		n.a.
M29	20 37	16 20	4 55	23 17	1 50	6 57	2 6	22 39	0 45	2 50	1 23	2 22	2 27	23 53	0 18	14 51	1 22	12 1	16 12	4 11	3 39	16 44		n.a.
T 30	20s50	13n30	4s25	23s38	1s53	7s25	2n 5	22s47	0s46	2n50	1s22	2n21	2n27	23s53	0s18	14s51	1s22	12s 1	16s11	4s 9	3s38	16s43		n.a.

Julian Day Number = 1498559.5, Delta T = 05h08m48s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°30'01, Lahiri = -12°23'01 Julian Calendar 1 Nov. 611 BCE == Greg. Calendar 25 Oct. 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 611 BCE
geocentric

DECEMBER 611 BCE (-610) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 11 13	2♐57'48	25♌ 1	8♐35	25♎ 0	9♐18	10°R 9	29♍50	23♐13	24♒27	6°R57	10°R20	8♎59	24♑ 3	n.a.	W 1
T 2	4 15 9	3°59'05	8♍55	10°13	26°13	10° 5	10♈ 7	29°54	23°16	24°27	6♈56	10°D20	8°56	24°10	n.a.	T 2
F 3	4 19 6	5° 0'21	22°32	11°52	27°26	10°52	10° 5	29°58	23°20	24°28	6°56	10♎20	8°53	24°17	n.a.	F 3
S 4	4 23 2	6° 1'37	5♎52	13°31	28°39	11°39	10° 3	0♎ 3	23°23	24°29	6°55	10°R21	8°49	24°24	n.a.	S 4
S 5	4 26 59	7° 2'53	18°58	15°10	29°52	12°26	10° 1	0° 7	23°26	24°30	6°55	10°21	8°46	24°30	n.a.	S 5
M 6	4 30 56	8° 4'10	1♏52	16°50	1♏ 6	13°12	10° 0	0°11	23°30	24°30	6°54	10°19	8°43	24°37	n.a.	M 6
T 7	4 34 52	9° 5'26	14°34	18°29	2°19	13°59	9°59	0°15	23°33	24°31	6°54	10°14	8°40	24°44	n.a.	T 7
W 8	4 38 49	10° 6'41	27° 7	20° 9	3°32	14°46	9°58	0°19	23°37	24°32	6°54	10° 6	8°37	24°51	n.a.	W 8
T 9	4 42 45	11° 7'57	9♐30	21°49	4°46	15°33	9°57	0°22	23°40	24°33	6°53	9°55	8°33	24°57	n.a.	T 9
F 10	4 46 42	12° 9'11	21°44	23°29	5°59	16°20	9°57	0°26	23°44	24°34	6°53	9°43	8°30	25° 4	n.a.	F 10
S 11	4 50 38	13°10'26	3♑50	25° 8	7°13	17° 7	9°57	0°30	23°47	24°35	6°52	9°31	8°27	25°11	n.a.	S 11
S 12	4 54 35	14°11'39	15°48	26°48	8°26	17°54	9°D56	0°33	23°51	24°36	6°52	9°18	8°24	25°17	n.a.	S 12
M13	4 58 32	15°12'52	27°41	28°27	9°39	18°41	9°57	0°37	23°54	24°37	6°52	9° 7	8°21	25°24	n.a.	M13
T 14	5 2 28	16°14'04	9♒31	0♑ 5	10°53	19°29	9°57	0°40	23°58	24°38	6°51	8°58	8°18	25°31	n.a.	T 14
W15	5 6 25	17°15'15	21°21	1°43	12° 7	20°16	9°57	0°43	24° 1	24°39	6°51	8°52	8°14	25°38	n.a.	W15
T 16	5 10 21	18°16'25	3♓16	3°19	13°20	21° 3	9°58	0°46	24° 5	24°40	6°51	8°49	8°11	25°44	n.a.	T 16
F 17	5 14 18	19°17'34	15°20	4°54	14°34	21°50	9°59	0°50	24° 8	24°41	6°51	8°D48	8° 8	25°51	n.a.	F 17
S 18	5 18 14	20°18'42	27°39	6°28	15°47	22°37	10° 0	0°53	24°12	24°43	6°50	8°48	8° 5	25°58	n.a.	S 18
S 19	5 22 11	21°19'48	10♈18	7°59	17° 1	23°24	10° 2	0°55	24°15	24°44	6°50	8°R48	8° 2	26° 4	n.a.	S 19
M20	5 26 7	22°20'54	23°22	9°28	18°15	24°11	10° 3	0°58	24°19	24°45	6°50	8°47	7°59	26°11	n.a.	M20
T 21	5 30 4	23°21'58	6♉54	10°53	19°28	24°59	10° 5	1° 1	24°22	24°46	6°50	8°44	7°55	26°18	n.a.	T 21
W22	5 34 1	24°23'02	20°56	12°16	20°42	25°46	10° 7	1° 4	24°26	24°48	6°50	8°39	7°52	26°25	n.a.	W22
T 23	5 37 57	25°24'04	5♊26	13°33	21°56	26°33	10° 9	1° 6	24°29	24°49	6°49	8°31	7°49	26°31	n.a.	T 23
F 24	5 41 54	26°25'05	20°19	14°46	23°10	27°20	10°11	1° 8	24°33	24°50	6°49	8°20	7°46	26°38	n.a.	F 24
S 25	5 45 50	27°26'05	5♋27	15°53	24°23	28° 7	10°14	1°11	24°37	24°52	6°49	8° 9	7°43	26°45	n.a.	S 25
S 26	5 49 47	28°27'03	20°40	16°54	25°37	28°55	10°17	1°13	24°40	24°53	6°49	7°57	7°39	26°51	n.a.	S 26
M27	5 53 43	29°28'01	5♌46	17°47	26°51	29°42	10°20	1°15	24°44	24°55	6°49	7°48	7°36	26°58	n.a.	M27
T 28	5 57 40	0♑28'58	20°36	18°32	28° 5	0♑29	10°23	1°17	24°47	24°56	6°D49	7°40	7°33	27° 5	n.a.	T 28
W29	6 1 36	1°29'54	5♍ 4	19° 8	29°19	1°17	10°26	1°19	24°51	24°58	6°49	7°36	7°30	27°12	n.a.	W29
T 30	6 5 33	2°30'49	19° 7	19°34	0♐33	2° 4	10°30	1°21	24°54	24°59	6°49	7°34	7°27	27°18	n.a.	T 30
F 31	6 9 30	3♑31'42	2♎45	19♑50	1♐47	2♑51	10♈33	1♎23	24♐58	25♒ 1	6♈49	7♎34	7♎24	27♑25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	21s 2	9n55	3s39	23s57	1s56	7s53	2n 5	22s55	0s46	2n49	1s22	2n19	2n28	23s53	0s18	14s50	1s22	12s 1	16s11	4s 9	3s36	16s42			n.a.
T 2	21 14	5 51	2 40	24 14	1 59	8 20	2 4	23 2	0 47	2 48	1 22	2 18	2 28	23 53	0 18	14 50	1 22	12 1	16 11	4 9	3 35	16 41			n.a.
F 3	21 25	1 34	1 34	24 31	2 1	8 48	2 3	23 10	0 47	2 48	1 21	2 16	2 28	23 53	0 18	14 50	1 22	12 1	16 10	4 9	3 34	16 40			n.a.
S 4	21 36	2s44	0 24	24 46	2 3	9 15	2 1	23 17	0 48	2 48	1 21	2 15	2 28	23 54	0 18	14 49	1 22	12 1	16 10	4 9	3 33	16 39			n.a.
S 5	21 47	6 49	0n46	24 59	2 4	9 42	2 0	23 24	0 48	2 47	1 21	2 13	2 28	23 54	0 18	14 49	1 22	12 1	16 10	4 9	3 31	16 38			n.a.
M 6	21 57	10 32	1 52	25 10	2 5	10 9	1 59	23 30	0 49	2 47	1 20	2 12	2 29	23 54	0 18	14 49	1 22	12 1	16 10	4 8	3 30	16 37			n.a.
T 7	22 7	13 41	2 52	25 20	2 5	10 36	1 58	23 36	0 49	2 47	1 20	2 10	2 29	23 54	0 18	14 49	1 22	12 1	16 9	4 6	3 29	16 36			n.a.
W 8	22 16	16 10	3 43	25 29	2 5	11 3	1 56	23 42	0 50	2 47	1 20	2 9	2 29	23 54	0 18	14 48	1 22	12 1	16 9	4 3	3 28	16 35			n.a.
T 9	22 25	17 52	4 22	25 35	2 5	11 29	1 55	23 48	0 50	2 47	1 19	2 8	2 29	23 54	0 18	14 48	1 22	12 0	16 9	3 59	3 26	16 34			n.a.
F 10	22 33	18 43	4 48	25 40	2 4	11 55	1 53	23 54	0 51	2 47	1 19	2 6	2 30	23 55	0 18	14 48	1 22	12 0	16 8	3 54	3 25	16 34			n.a.
S 11	22 41	18 42	5 1	25 43	2 2	12 21	1 51	23 59	0 51	2 47	1 19	2 5	2 30	23 55	0 18	14 47	1 22	12 0	16 8	3 49	3 24	16 33			n.a.
S 12	22 49	17 51	5 1	25 44	2 0	12 47	1 50	24 4	0 51	2 47	1 18	2 4	2 30	23 55	0 18	14 47	1 22	12 0	16 8	3 44	3 22	16 32			n.a.
M13	22 56	16 13	4 47	25 43	1 57	13 12	1 48	24 8	0 52	2 48	1 18	2 3	2 30	23 55	0 18	14 46	1 22	12 0	16 7	3 40	3 21	16 31			n.a.
T 14	23 3	13 55	4 21	25 40	1 54	13 37	1 46	24 13	0 52	2 48	1 18	2 2	2 31	23 55	0 18	14 46	1 21	12 0	16 7	3 36	3 20	16 30			n.a.
W15	23 9	11 3	3 44	25 35	1 50	14 2	1 44	24 17	0 53	2 49	1 17	2 1	2 31	23 55	0 18	14 46	1 21	11 59	16 7	3 34	3 19	16 29			n.a.
T 16	23 14	7 42	2 57	25 28	1 45	14 26	1 42	24 21	0 53	2 49	1 17	2 0	2 31	23 56	0 18	14 45	1 21	11 59	16 6	3 32	3 17	16 28			n.a.
F 17	23 20	4 0	2 1	25 20	1 39	14 50	1 40	24 24	0 54	2 50	1 17	1 59	2 31	23 56	0 18	14 45	1 21	11 59	16 6	3 32	3 16	16 27			n.a.
S 18	23 24	0 3	0 59	25 9	1 33	15 14	1 38	24 27	0 54	2 51	1 16	1 58	2 32	23 56	0 18	14 44	1 21	11 59	16 6	3 32	3 15	16 26			n.a.
S 19	23 29	4n 1	0s 8	24 57	1 25	15 37	1 36	24 30	0 54	2 52	1 16	1 57	2 32	23 56	0 18	14 44	1 21	11 59	16 5	3 32	3 14	16 25			n.a.
M20	23 32	8 1	1 16	24 42	1 17	16 0	1 33	24 33	0 55	2 53	1 16	1 56	2 32	23 56	0 18	14 43	1 21	11 58	16 5	3 32	3 12	16 24			n.a.
T 21	23 36	11 45	2 23	24 26	1 8	16 23	1 31	24 35	0 55	2 54	1 15	1 55	2 32	23 56	0 18	14 43	1 21	11 58	16 5	3 31	3 11	16 23			n.a.
W22	23 39	14 58	3 23	24 9	0 58	16 45	1 29	24 37	0 56	2 55	1 15	1 54	2 33	23 57	0 18	14 42	1 21	11 58	16 4	3 28	3 10	16 22			n.a.
T 23	23 41	17 22	4 13	23 50	0 46	17 6	1 27	24 39	0 56	2 56	1 15	1 53	2 33	23 57	0 18	14 42	1 21	11 58	16 4	3 25	3 9	16 21			n.a.
F 24	23 43	18 39	4 46	23 30	0 34	17 28	1 24	24 41	0 56	2 57	1 14	1 53	2 33	23 57	0 18	14 41	1 21	11 57	16 3	3 21	3 7	16 20			n.a.
S 25	23 44	18 39	5 0	23 9	0 21	17 48	1 22	24 42	0 57	2 58	1 14	1 52	2 33	23 57	0 18	14 41	1 21	11 57	16 3	3 16	3 6	16 19			n.a.
S 26	23 45	17 19	4 53	22 48	0 7	18 9	1 19	24 43	0 57	3 0	1 14	1 51	2 34	23 57	0 18	14 40	1 21	11 57	16 3	3 12	3 5	16 18			n.a.
M27	23 46	14 48	4 26	22 26	0n 8	18 29	1 17	24 43	0 57	3 1	1 13	1 51	2 34	23 57	0 18	14 40	1 21	11 56	16 2	3 8	3 3	16 17			n.a.
T 28	23 46	11 20	3 41	22 4	0 24	18 48	1 14	24 44	0 58	3 3	1 13	1 50	2 34	23 57	0 18	14 39	1 21	11 56	16 2	3 5	3 2	16 16			n.a.
W29	23 45	7 16	2 43	21 43	0 40	19 7	1 12	24 44	0 58	3 4	1 13	1 50	2 35	23 58	0 18	14 39	1 21	11 56	16 2	3 3	3 1	16 15			n.a.
T 30	23 45	2 54	1 36	21 22	0 58	19 25	1 9	24 43	0 58	3 6	1 12	1 49	2 35	23 58	0 18	14 38	1 21	11 55	16 1	3 3	3 0	16 14			n.a.
F 31	23s43	1s30	0s25	21s 2	1n15	19s43	1n 6	24s43	0s59	3n 8	1s12	1n49	2n35	23s58	0s18	14s38	1s21	11s55	16s 1	3s 2	2s58	16s13			n.a.

Julian Day Number = 1498589.5, Delta T = 05h08m46s
Ecliptic obliquity = 23°45'58, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'57, Lahiri = -12°22'57 Julian Calendar 1 Dec. 611 BCE == Greg. Calendar 24 Nov. 611 BCE

The year -610 astronomical counting style corresponds to year 611 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

JANUARY 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 13 26	4♑32'35	16♎ 1	19°R55	3♐ 1	3♑38	10♈37	1♎24	25♐ 1	25♒ 2	6♈49	7°R34	7♎20	27♑32	n.a.	S 1
S 2	6 17 23	5°33'27	28°57	19♑49	4°14	4°26	10°41	1°26	25° 5	25° 4	6°49	7♎32	7°17	27°38	n.a.	S 2
M 3	6 21 19	6°34'18	11♏37	19°32	5°28	5°13	10°46	1°27	25° 8	25° 5	6°50	7°29	7°14	27°45	n.a.	M 3
T 4	6 25 16	7°35'07	24° 5	19° 5	6°42	6° 0	10°50	1°29	25°12	25° 7	6°50	7°23	7°11	27°52	n.a.	T 4
W 5	6 29 12	8°35'56	6♐22	18°27	7°56	6°48	10°55	1°30	25°15	25° 9	6°50	7°13	7° 8	27°59	n.a.	W 5
T 6	6 33 9	9°36'43	18°31	17°40	9°10	7°35	11° 0	1°31	25°19	25°11	6°50	7° 1	7° 5	28° 5	n.a.	T 6
F 7	6 37 5	10°37'28	0♑35	16°45	10°24	8°22	11° 5	1°32	25°22	25°12	6°50	6°47	7° 1	28°12	n.a.	F 7
S 8	6 41 2	11°38'13	12°33	15°43	11°38	9°10	11°10	1°33	25°26	25°14	6°51	6°32	6°58	28°19	n.a.	S 8
S 9	6 44 59	12°38'55	24°26	14°37	12°52	9°57	11°15	1°34	25°29	25°16	6°51	6°17	6°55	28°25	n.a.	S 9
M10	6 48 55	13°39'36	6♒18	13°28	14° 6	10°45	11°21	1°34	25°32	25°18	6°51	6° 4	6°52	28°32	n.a.	M10
T 11	6 52 52	14°40'16	18° 8	12°18	15°20	11°32	11°26	1°35	25°36	25°19	6°51	5°53	6°49	28°39	n.a.	T 11
W12	6 56 48	15°40'53	29°59	11° 9	16°34	12°19	11°32	1°36	25°39	25°21	6°52	5°45	6°45	28°46	n.a.	W12
T 13	7 0 45	16°41'29	11♓54	10° 2	17°48	13° 7	11°38	1°36	25°43	25°23	6°52	5°40	6°42	28°52	n.a.	T 13
F 14	7 4 41	17°42'03	23°58	9° 0	19° 2	13°54	11°45	1°36	25°46	25°25	6°52	5°38	6°39	28°59	n.a.	F 14
S 15	7 8 38	18°42'34	6♈15	8° 3	20°16	14°41	11°51	1°36	25°49	25°27	6°53	5°D38	6°36	29° 6	n.a.	S 15
S 16	7 12 34	19°43'04	18°49	7°12	21°30	15°29	11°57	1°R36	25°53	25°29	6°53	5°R38	6°33	29°12	n.a.	S 16
M17	7 16 31	20°43'32	1♉46	6°28	22°44	16°16	12° 4	1°36	25°56	25°31	6°54	5°37	6°30	29°19	n.a.	M17
T 18	7 20 28	21°43'58	15° 9	5°51	23°58	17° 3	12°11	1°36	25°59	25°33	6°54	5°35	6°26	29°26	n.a.	T 18
W19	7 24 24	22°44'21	29° 3	5°22	25°12	17°50	12°18	1°36	26° 2	25°35	6°54	5°31	6°23	29°33	n.a.	W19
T 20	7 28 21	23°44'43	13♊27	5° 0	26°26	18°38	12°25	1°36	26° 6	25°37	6°55	5°24	6°20	29°39	n.a.	T 20
F 21	7 32 17	24°45'03	28°17	4°46	27°40	19°25	12°32	1°35	26° 9	25°39	6°55	5°15	6°17	29°46	n.a.	F 21
S 22	7 36 14	25°45'20	13♋28	4°39	28°54	20°12	12°40	1°35	26°12	25°41	6°56	5° 4	6°14	29°53	n.a.	S 22
S 23	7 40 10	26°45'36	28°49	4°D39	0♑ 8	21° 0	12°48	1°34	26°15	25°43	6°57	4°54	6°11	29°59	n.a.	S 23
M24	7 44 7	27°45'50	14♌ 8	4°45	1°22	21°47	12°55	1°34	26°18	25°45	6°57	4°45	6° 7	0♒ 6	n.a.	M24
T 25	7 48 3	28°46'02	29°15	4°57	2°36	22°34	13° 3	1°33	26°21	25°47	6°58	4°38	6° 4	0°13	n.a.	T 25
W26	7 52 0	29°46'12	14♍ 0	5°16	3°50	23°21	13°11	1°32	26°25	25°49	6°58	4°34	6° 1	0°20	n.a.	W26
T 27	7 55 57	0♒46'20	28°18	5°39	5° 4	24° 8	13°19	1°31	26°28	25°51	6°59	4°D32	5°58	0°26	n.a.	T 27
F 28	7 59 53	1°46'27	12♎ 7	6° 8	6°18	24°56	13°28	1°30	26°31	25°53	7° 0	4°32	5°55	0°33	n.a.	F 28
S 29	8 3 50	2°46'32	25°30	6°41	7°32	25°43	13°36	1°28	26°34	25°55	7° 0	4°33	5°51	0°40	n.a.	S 29
S 30	8 7 46	3°46'35	8♏28	7°19	8°46	26°30	13°45	1°27	26°37	25°57	7° 1	4°R33	5°48	0°46	n.a.	S 30
M31	8 11 43	4♒46'37	21♏ 6	8♑ 1	10♑ 0	27♑17	13♈53	1♎26	26♐40	25♒59	7♈ 2	4♎31	5♎45	0♒53	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s41	5s42	0n45	20s43	1n33	20s 0	1n 4	24s42	0s59	3n10	1s12	1n48	2n35	23s58	0s18	14s37	1s21	11s55	16s 1	3s 2	2s57	16s12		n.a.
S 2	23 39	9 32	1 50	20 26	1 52	20 17	1 1	24 41	0 59	3 12	1 11	1 48	2 36	23 58	0 18	14 37	1 21	11 54	16 0	3 2	2 56	16 11		n.a.
M 3	23 36	12 51	2 49	20 11	2 9	20 33	0 58	24 39	1 0	3 14	1 11	1 48	2 36	23 58	0 18	14 36	1 21	11 54	16 0	3 1	2 55	16 10		n.a.
T 4	23 33	15 31	3 39	19 58	2 26	20 49	0 55	24 37	1 0	3 16	1 11	1 47	2 36	23 58	0 18	14 35	1 21	11 54	16 0	2 58	2 53	16 9		n.a.
W 5	23 29	17 26	4 18	19 47	2 43	21 4	0 53	24 35	1 0	3 18	1 10	1 47	2 36	23 59	0 18	14 35	1 21	11 53	15 59	2 54	2 52	16 8		n.a.
T 6	23 25	18 33	4 44	19 39	2 58	21 18	0 50	24 33	1 0	3 20	1 10	1 47	2 37	23 59	0 18	14 34	1 21	11 53	15 59	2 49	2 51	16 7		n.a.
F 7	23 20	18 48	4 58	19 32	3 11	21 32	0 47	24 30	1 1	3 22	1 10	1 47	2 37	23 59	0 18	14 34	1 21	11 52	15 59	2 44	2 49	16 6		n.a.
S 8	23 15	18 14	4 58	19 28	3 23	21 45	0 44	24 27	1 1	3 25	1 10	1 47	2 37	23 59	0 18	14 33	1 21	11 52	15 58	2 38	2 48	16 5		n.a.
S 9	23 9	16 51	4 45	19 26	3 33	21 58	0 41	24 24	1 1	3 27	1 9	1 46	2 38	23 59	0 18	14 32	1 21	11 52	15 58	2 32	2 47	16 4		n.a.
M10	23 3	14 46	4 19	19 26	3 40	22 10	0 39	24 21	1 1	3 30	1 9	1 46	2 38	23 59	0 18	14 32	1 21	11 51	15 57	2 26	2 46	16 3		n.a.
T 11	22 57	12 4	3 43	19 27	3 45	22 21	0 36	24 17	1 2	3 32	1 9	1 46	2 38	23 59	0 18	14 31	1 21	11 51	15 57	2 22	2 44	16 2		n.a.
W12	22 50	8 53	2 57	19 31	3 48	22 32	0 33	24 13	1 2	3 35	1 8	1 47	2 38	24 0	0 18	14 31	1 21	11 50	15 57	2 19	2 43	16 1		n.a.
T 13	22 42	5 19	2 2	19 35	3 48	22 42	0 30	24 9	1 2	3 37	1 8	1 47	2 39	24 0	0 18	14 30	1 21	11 50	15 56	2 17	2 42	16 0		n.a.
F 14	22 35	1 29	1 1	19 42	3 46	22 51	0 27	24 4	1 2	3 40	1 8	1 47	2 39	24 0	0 18	14 29	1 21	11 49	15 56	2 16	2 41	15 59		n.a.
S 15	22 26	2n28	0s 3	19 49	3 43	23 0	0 24	23 59	1 3	3 43	1 7	1 47	2 39	24 0	0 18	14 29	1 21	11 49	15 56	2 16	2 39	15 58		n.a.
S 16	22 18	6 24	1 9	19 57	3 37	23 8	0 21	23 54	1 3	3 46	1 7	1 47	2 40	24 0	0 18	14 28	1 21	11 48	15 55	2 16	2 38	15 57		n.a.
M17	22 9	10 9	2 14	20 7	3 30	23 15	0 19	23 48	1 3	3 49	1 7	1 47	2 40	24 0	0 18	14 27	1 21	11 48	15 55	2 16	2 37	15 56		n.a.
T 18	21 59	13 31	3 13	20 17	3 21	23 22	0 16	23 42	1 3	3 52	1 7	1 48	2 40	24 0	0 18	14 27	1 21	11 48	15 55	2 15	2 35	15 55		n.a.
W19	21 49	16 15	4 4	20 28	3 12	23 28	0 13	23 36	1 4	3 55	1 6	1 48	2 40	24 0	0 18	14 26	1 21	11 47	15 54	2 13	2 34	15 54		n.a.
T 20	21 39	18 5	4 41	20 39	3 2	23 33	0 10	23 30	1 4	3 58	1 6	1 48	2 41	24 1	0 18	14 25	1 21	11 47	15 54	2 10	2 33	15 53		n.a.
F 21	21 28	18 45	5 0	20 50	2 50	23 38	0 7	23 24	1 4	4 1	1 6	1 49	2 41	24 1	0 18	14 24	1 21	11 46	15 54	2 7	2 32	15 52		n.a.
S 22	21 17	18 7	4 59	21 2	2 39	23 41	0 4	23 17	1 4	4 4	1 5	1 49	2 41	24 1	0 18	14 24	1 20	11 45	15 53	2 2	2 30	15 51		n.a.
S 23	21 5	16 10	4 37	21 14	2 27	23 44	0 2	23 10	1 4	4 7	1 5	1 50	2 41	24 1	0 18	14 23	1 20	11 45	15 53	1 58	2 29	15 50		n.a.
M24	20 54	13 4	3 54	21 26	2 15	23 47	0s 1	23 2	1 4	4 11	1 5	1 50	2 42	24 1	0 18	14 22	1 20	11 44	15 53	1 55	2 28	15 49		n.a.
T 25	20 41	9 9	2 56	21 38	2 2	23 48	0 4	22 55	1 5	4 14	1 5	1 51	2 42	24 1	0 18	14 22	1 20	11 44	15 52	1 52	2 27	15 47		n.a.
W26	20 29	4 44	1 47	21 50	1 50	23 49	0 7	22 47	1 5	4 17	1 4	1 51	2 42	24 1	0 18	14 21	1 20	11 43	15 52	1 50	2 25	15 46		n.a.
T 27	20 16	0 11	0 33	22 1	1 38	23 49	0 9	22 38	1 5	4 21	1 4	1 52	2 42	24 1	0 18	14 20	1 20	11 43	15 52	1 50	2 24	15 45		n.a.
F 28	20 2	4s14	0n40	22 12	1 25	23 49	0 12	22 30	1 5	4 24	1 4	1 53	2 43	24 1	0 18	14 19	1 20	11 42	15 51	1 50	2 23	15 44		n.a.
S 29	19 48	8 18	1 49	22 22	1 13	23 48	0 15	22 21	1 5	4 28	1 4	1 54	2 43	24 1	0 18	14 19	1 20	11 42	15 51	1 50	2 21	15 43		n.a.
S 30	19 34	11 50	2 51	22 32	1 1	23 46	0 17	22 12	1 5	4 32	1 3	1 54	2 43	24 2	0 18	14 18	1 20	11 41	15 51	1 50	2 20	15 42		n.a.
M31	19s20	14s42	3n42	22s42	0n50	23s43	0s20	22s 3	1s 5	4n35	1s 3	1n55	2n44	24s 2	0s18	14s17	1s20	11s41	15s51	1s49	2s19	15s41		n.a.

Julian Day Number = 1498620.5, Delta T = 05h08m45s
Ecliptic obliquity = 23°45'58, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'53, Lahiri = -12°22'53 Julian Calendar 1 Jan. 610 BCE == Greg. Calendar 25 Dec. 611 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

FEBRUARY 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 15 39	5♒46'36	3♐28	8♑46	11♑14	28♑ 4	14♈ 2	1°R24	26♐43	26♒ 1	7♈ 2	4°R28	5♎42	1♒ 0	n.a.	T 1
W 2	8 19 36	6°46'35	15°37	9°36	12°28	28°51	14°11	1♎23	26°46	26° 4	7° 3	4♎22	5°39	1° 7	n.a.	W 2
T 3	8 23 32	7°46'31	27°39	10°28	13°42	29°39	14°20	1°21	26°48	26° 6	7° 4	4°13	5°36	1°13	n.a.	T 3
F 4	8 27 29	8°46'25	9♑34	11°23	14°56	0♒26	14°30	1°19	26°51	26° 8	7° 5	4° 3	5°32	1°20	n.a.	F 4
S 5	8 31 26	9°46'18	21°27	12°22	16°10	1°13	14°39	1°17	26°54	26°10	7° 5	3°52	5°29	1°27	n.a.	S 5
S 6	8 35 22	10°46'08	3♒18	13°23	17°24	2° 0	14°48	1°15	26°57	26°12	7° 6	3°41	5°26	1°33	n.a.	S 6
M 7	8 39 19	11°45'56	15° 9	14°26	18°38	2°47	14°58	1°13	27° 0	26°15	7° 7	3°31	5°23	1°40	n.a.	M 7
T 8	8 43 15	12°45'42	27° 2	15°32	19°52	3°34	15° 8	1°11	27° 2	26°17	7° 8	3°24	5°20	1°47	n.a.	T 8
W 9	8 47 12	13°45'26	8♓58	16°40	21° 6	4°21	15°17	1° 9	27° 5	26°19	7° 9	3°18	5°17	1°54	n.a.	W 9
T 10	8 51 8	14°45'08	21° 0	17°51	22°20	5° 8	15°27	1° 6	27° 8	26°21	7°10	3°15	5°13	2° 0	n.a.	T 10
F 11	8 55 5	15°44'47	3♈10	19° 3	23°34	5°55	15°37	1° 4	27°10	26°24	7°11	3°D14	5°10	2° 7	n.a.	F 11
S 12	8 59 1	16°44'24	15°32	20°17	24°48	6°42	15°48	1° 1	27°13	26°26	7°11	3°15	5° 7	2°14	n.a.	S 12
S 13	9 2 58	17°43'59	28° 9	21°34	26° 2	7°28	15°58	0°59	27°16	26°28	7°12	3°16	5° 4	2°20	n.a.	S 13
M14	9 6 54	18°43'31	11♉ 4	22°51	27°16	8°15	16° 8	0°56	27°18	26°30	7°13	3°17	5° 1	2°27	n.a.	M14
T 15	9 10 51	19°43'01	24°23	24°11	28°30	9° 2	16°19	0°53	27°21	26°33	7°14	3°R18	4°57	2°34	n.a.	T 15
W16	9 14 48	20°42'29	8♊ 7	25°32	29°44	9°49	16°29	0°51	27°23	26°35	7°15	3°16	4°54	2°40	n.a.	W16
T 17	9 18 44	21°41'54	22°17	26°55	0♒58	10°36	16°40	0°48	27°25	26°37	7°16	3°13	4°51	2°47	n.a.	T 17
F 18	9 22 41	22°41'17	6♋53	28°20	2°12	11°22	16°51	0°45	27°28	26°39	7°17	3° 8	4°48	2°54	n.a.	F 18
S 19	9 26 37	23°40'37	21°49	29°46	3°26	12° 9	17° 2	0°42	27°30	26°42	7°18	3° 3	4°45	3° 1	n.a.	S 19
S 20	9 30 34	24°39'55	6♌58	1♒13	4°40	12°56	17°13	0°38	27°33	26°44	7°19	2°57	4°42	3° 7	n.a.	S 20
M21	9 34 30	25°39'10	22°11	2°42	5°53	13°42	17°24	0°35	27°35	26°46	7°20	2°52	4°38	3°14	n.a.	M21
T 22	9 38 27	26°38'23	7♍18	4°13	7° 7	14°29	17°35	0°32	27°37	26°48	7°21	2°48	4°35	3°21	n.a.	T 22
W23	9 42 23	27°37'35	22° 7	5°45	8°21	15°16	17°46	0°29	27°39	26°51	7°23	2°46	4°32	3°27	n.a.	W23
T 24	9 46 20	28°36'44	6♎34	7°18	9°35	16° 2	17°57	0°25	27°41	26°53	7°24	2°D45	4°29	3°34	n.a.	T 24
F 25	9 50 17	29°35'51	20°34	8°53	10°49	16°49	18° 9	0°22	27°43	26°55	7°25	2°46	4°26	3°41	n.a.	F 25
S 26	9 54 13	0♓34'56	4♏ 7	10°29	12° 3	17°35	18°20	0°18	27°45	26°57	7°26	2°48	4°22	3°48	n.a.	S 26
S 27	9 58 10	1°33'59	17°13	12° 7	13°17	18°22	18°32	0°14	27°47	27° 0	7°27	2°49	4°19	3°54	n.a.	S 27
M28	10 2 6	2♓33'01	29♏56	13♒46	14♒31	19♒ 8	18♈43	0♎11	27♐49	27♒ 2	7♈28	2°R50	4♎16	4♒ 1	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 5	16s51	4n22	22s50	0n38	23s39	0s23	21s54	1s 5	4n39	1s 3	1n56	2n44	24s 2	0s18	14s16	1s20	11s40	15s50	1s48	2s18	15s40		n.a.
W 2	18 50	18 12	4 49	22 58	0 27	23 35	0 25	21 44	1 6	4 43	1 2	1 57	2 44	24 2	0 18	14 16	1 20	11 40	15 50	1 45	2 16	15 39		n.a.
T 3	18 34	18 42	5 3	23 5	0 16	23 30	0 28	21 34	1 6	4 46	1 2	1 58	2 44	24 2	0 18	14 15	1 20	11 39	15 50	1 42	2 15	15 38		n.a.
F 4	18 19	18 22	5 3	23 11	0 6	23 25	0 30	21 24	1 6	4 50	1 2	1 59	2 45	24 2	0 18	14 14	1 20	11 38	15 49	1 38	2 14	15 37		n.a.
S 5	18 3	17 15	4 51	23 15	0s 5	23 19	0 33	21 14	1 6	4 54	1 2	2 0	2 45	24 2	0 18	14 13	1 20	11 38	15 49	1 33	2 13	15 36		n.a.
S 6	17 46	15 23	4 26	23 19	0 14	23 12	0 35	21 3	1 6	4 58	1 1	2 1	2 45	24 2	0 18	14 13	1 20	11 37	15 49	1 29	2 11	15 35		n.a.
M 7	17 30	12 52	3 49	23 22	0 24	23 4	0 37	20 52	1 6	5 2	1 1	2 2	2 45	24 2	0 18	14 12	1 20	11 37	15 48	1 25	2 10	15 34		n.a.
T 8	17 13	9 49	3 2	23 24	0 33	22 56	0 40	20 41	1 6	5 6	1 1	2 3	2 45	24 2	0 18	14 11	1 20	11 36	15 48	1 22	2 9	15 32		n.a.
W 9	16 55	6 21	2 7	23 24	0 42	22 46	0 42	20 30	1 6	5 10	1 1	2 4	2 46	24 2	0 18	14 10	1 20	11 35	15 48	1 20	2 7	15 31		n.a.
T 10	16 38	2 37	1 6	23 24	0 51	22 37	0 44	20 19	1 6	5 14	1 1	2 5	2 46	24 2	0 18	14 10	1 20	11 35	15 48	1 19	2 6	15 30		n.a.
F 11	16 20	1n17	0 0	23 22	0 59	22 26	0 46	20 7	1 6	5 18	1 0	2 6	2 46	24 3	0 18	14 9	1 20	11 34	15 47	1 18	2 5	15 29		n.a.
S 12	16 2	5 11	1s 6	23 18	1 6	22 15	0 48	19 55	1 6	5 23	1 0	2 8	2 46	24 3	0 18	14 8	1 20	11 34	15 47	1 19	2 4	15 28		n.a.
S 13	15 44	8 56	2 11	23 14	1 14	22 3	0 51	19 43	1 6	5 27	1 0	2 9	2 47	24 3	0 18	14 7	1 20	11 33	15 47	1 19	2 2	15 27		n.a.
M14	15 25	12 20	3 10	23 7	1 21	21 51	0 53	19 31	1 6	5 31	1 0	2 10	2 47	24 3	0 19	14 6	1 20	11 32	15 46	1 20	2 1	15 26		n.a.
T 15	15 6	15 13	4 2	23 0	1 27	21 38	0 55	19 18	1 6	5 35	0 59	2 11	2 47	24 3	0 19	14 6	1 20	11 32	15 46	1 20	2 0	15 25		n.a.
W16	14 47	17 20	4 41	22 51	1 33	21 24	0 57	19 6	1 6	5 40	0 59	2 13	2 47	24 3	0 19	14 5	1 20	11 31	15 46	1 19	1 58	15 24		n.a.
T 17	14 28	18 28	5 4	22 41	1 39	21 10	0 58	18 53	1 6	5 44	0 59	2 14	2 47	24 3	0 19	14 4	1 20	11 30	15 46	1 18	1 57	15 23		n.a.
F 18	14 8	18 26	5 9	22 29	1 45	20 55	1 0	18 40	1 6	5 48	0 59	2 15	2 48	24 3	0 19	14 3	1 20	11 30	15 45	1 16	1 56	15 21		n.a.
S 19	13 49	17 8	4 54	22 16	1 49	20 40	1 2	18 27	1 6	5 53	0 59	2 17	2 48	24 3	0 19	14 3	1 20	11 29	15 45	1 14	1 55	15 20		n.a.
S 20	13 29	14 38	4 17	22 1	1 54	20 23	1 4	18 13	1 6	5 57	0 58	2 18	2 48	24 3	0 19	14 2	1 20	11 29	15 45	1 11	1 53	15 19		n.a.
M21	13 9	11 6	3 23	21 44	1 58	20 7	1 6	17 59	1 6	6 2	0 58	2 20	2 48	24 3	0 19	14 1	1 20	11 28	15 45	1 9	1 52	15 18		n.a.
T 22	12 48	6 52	2 14	21 26	2 2	19 50	1 7	17 46	1 6	6 6	0 58	2 21	2 48	24 3	0 19	14 0	1 20	11 27	15 44	1 8	1 51	15 17		n.a.
W23	12 28	2 17	0 58	21 6	2 5	19 32	1 9	17 32	1 6	6 11	0 58	2 23	2 49	24 3	0 19	13 59	1 20	11 27	15 44	1 7	1 50	15 16		n.a.
T 24	12 7	2s20	0n21	20 45	2 8	19 13	1 10	17 18	1 6	6 15	0 57	2 24	2 49	24 3	0 19	13 59	1 20	11 26	15 44	1 7	1 48	15 15		n.a.
F 25	11 46	6 40	1 36	20 22	2 10	18 54	1 12	17 3	1 6	6 20	0 57	2 26	2 49	24 4	0 19	13 58	1 20	11 25	15 44	1 7	1 47	15 14		n.a.
S 26	11 25	10 30	2 43	19 58	2 12	18 35	1 13	16 49	1 6	6 24	0 57	2 27	2 49	24 4	0 19	13 57	1 20	11 25	15 44	1 8	1 46	15 13		n.a.
S 27	11 4	13 42	3 39	19 31	2 13	18 15	1 14	16 34	1 6	6 29	0 57	2 29	2 49	24 4	0 19	13 56	1 20	11 24	15 43	1 8	1 44	15 11		n.a.
M28	10s42	16s 7	4n23	19s 4	2s14	17s54	1s16	16s20	1s 6	6n34	0s57	2n31	2n49	24s 4	0s19	13s56	1s20	11s24	15s43	1s 9	1s43	15s10		n.a.

Julian Day Number = 1498651.5, Delta T = 05h08m43s
Ecliptic obliquity = 23°45'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'49, Lahiri = -12°22'48 Julian Calendar 1 Feb. 610 BCE == Greg. Calendar 25 Jan. 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

MARCH 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 6 3	3♓32'01	12♐20	15♒27	15♒45	19♒54	18♈55	0°R 7	27♐51	27♒ 4	7♈29	2°R50	4♎13	4♒ 8	n.a.	T 1
W 2	10 9 59	4°30'59	24°29	17° 9	16°58	20°41	19° 7	0♎ 3	27°53	27° 6	7°30	2♎48	4°10	4°14	n.a.	W 2
T 3	10 13 56	5°29'55	6♑28	18°52	18°12	21°27	19°19	29♍59	27°55	27° 9	7°32	2°45	4° 7	4°21	n.a.	T 3
F 4	10 17 52	6°28'49	18°21	20°37	19°26	22°13	19°31	29°55	27°57	27°11	7°33	2°41	4° 3	4°28	n.a.	F 4
S 5	10 21 49	7°27'41	0♒11	22°23	20°40	23° 0	19°43	29°52	27°59	27°13	7°34	2°37	4° 0	4°34	n.a.	S 5
S 6	10 25 45	8°26'31	12° 2	24°11	21°54	23°46	19°55	29°48	28° 0	27°15	7°35	2°33	3°57	4°41	n.a.	S 6
M 7	10 29 42	9°25'19	23°56	26° 0	23° 8	24°32	20° 7	29°43	28° 2	27°18	7°36	2°29	3°54	4°48	n.a.	M 7
T 8	10 33 39	10°24'05	5♓54	27°51	24°22	25°18	20°19	29°39	28° 4	27°20	7°38	2°26	3°51	4°55	n.a.	T 8
W 9	10 37 35	11°22'49	18° 0	29°43	25°35	26° 4	20°31	29°35	28° 5	27°22	7°39	2°24	3°48	5° 1	n.a.	W 9
T 10	10 41 32	12°21'31	0♈13	1♓37	26°49	26°50	20°44	29°31	28° 7	27°24	7°40	2°D23	3°44	5° 8	n.a.	T 10
F 11	10 45 28	13°20'10	12°37	3°32	28° 3	27°36	20°56	29°27	28° 8	27°27	7°41	2°24	3°41	5°15	n.a.	F 11
S 12	10 49 25	14°18'48	25°13	5°29	29°17	28°22	21° 9	29°23	28°10	27°29	7°43	2°25	3°38	5°21	n.a.	S 12
S 13	10 53 21	15°17'23	8♉ 2	7°27	0♓31	29° 8	21°21	29°18	28°11	27°31	7°44	2°26	3°35	5°28	n.a.	S 13
M14	10 57 18	16°15'56	21° 7	9°27	1°45	29°54	21°34	29°14	28°13	27°33	7°45	2°27	3°32	5°35	n.a.	M14
T 15	11 1 14	17°14'27	4♊29	11°28	2°58	0♓40	21°47	29°10	28°14	27°35	7°46	2°28	3°28	5°41	n.a.	T 15
W16	11 5 11	18°12'56	18°11	13°30	4°12	1°26	21°59	29° 5	28°15	27°37	7°48	2°R29	3°25	5°48	n.a.	W16
T 17	11 9 7	19°11'22	2♋11	15°34	5°26	2°11	22°12	29° 1	28°16	27°40	7°49	2°28	3°22	5°55	n.a.	T 17
F 18	11 13 4	20° 9'46	16°31	17°39	6°40	2°57	22°25	28°57	28°17	27°42	7°50	2°28	3°19	6° 2	n.a.	F 18
S 19	11 17 1	21° 8'08	1♌ 6	19°44	7°54	3°43	22°38	28°52	28°19	27°44	7°52	2°26	3°16	6° 8	n.a.	S 19
S 20	11 20 57	22° 6'27	15°53	21°51	9° 7	4°28	22°51	28°48	28°20	27°46	7°53	2°25	3°13	6°15	n.a.	S 20
M21	11 24 54	23° 4'44	0♍44	23°59	10°21	5°14	23° 4	28°43	28°21	27°48	7°54	2°24	3° 9	6°22	n.a.	M21
T 22	11 28 50	24° 2'59	15°33	26° 7	11°35	5°59	23°17	28°39	28°22	27°50	7°56	2°23	3° 6	6°28	n.a.	T 22
W23	11 32 47	25° 1'13	0♎11	28°15	12°49	6°45	23°30	28°34	28°22	27°52	7°57	2°D23	3° 3	6°35	n.a.	W23
T 24	11 36 43	25°59'24	14°33	0♈23	14° 2	7°30	23°43	28°30	28°23	27°54	7°58	2°23	3° 0	6°42	n.a.	T 24
F 25	11 40 40	26°57'33	28°33	2°31	15°16	8°15	23°56	28°25	28°24	27°56	8° 0	2°23	2°57	6°49	n.a.	F 25
S 26	11 44 36	27°55'41	12♏ 9	4°39	16°30	9° 1	24° 9	28°21	28°25	27°58	8° 1	2°24	2°53	6°55	n.a.	S 26
S 27	11 48 33	28°53'48	25°20	6°46	17°43	9°46	24°23	28°16	28°26	28° 0	8° 2	2°24	2°50	7° 2	n.a.	S 27
M28	11 52 30	29°51'53	8♐ 9	8°52	18°57	10°31	24°36	28°12	28°26	28° 2	8° 4	2°25	2°47	7° 9	n.a.	M28
T 29	11 56 26	0♈49'56	20°37	10°56	20°11	11°16	24°49	28° 7	28°27	28° 4	8° 5	2°25	2°44	7°15	n.a.	T 29
W30	12 0 23	1°47'58	2♑50	12°59	21°25	12° 2	25° 3	28° 3	28°27	28° 6	8° 6	2°25	2°41	7°22	n.a.	W30
T 31	12 4 19	2♈45'58	14♑50	14♈59	22♓38	12♓47	25♈16	27♍58	28♐28	28♒ 8	8♈ 8	2♎25	2♎38	7♒29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	10s21	17s44	4n54	18s34	2s15	17s33	1s17	16s 5	1s 6	6n38	0s56	2n32	2n50	24s 4	0s19	13s55	1s20	11s23	15s43	1s 8	1s42	15s 9			n.a.
W 2	9 59	18 29	5 10	18 3	2 15	17 12	1 18	15 50	1 6	6 43	0 56	2 34	2 50	24 4	0 19	13 54	1 20	11 22	15 43	1 8	1 41	15 8			n.a.
T 3	9 37	18 24	5 13	17 30	2 14	16 50	1 19	15 35	1 5	6 48	0 56	2 36	2 50	24 4	0 19	13 53	1 20	11 22	15 43	1 7	1 39	15 7			n.a.
F 4	9 15	17 30	5 2	16 55	2 13	16 28	1 20	15 19	1 5	6 52	0 56	2 37	2 50	24 4	0 19	13 52	1 21	11 21	15 42	1 5	1 38	15 6			n.a.
S 5	8 53	15 52	4 38	16 19	2 12	16 5	1 21	15 4	1 5	6 57	0 56	2 39	2 50	24 4	0 19	13 52	1 21	11 20	15 42	1 3	1 37	15 5			n.a.
S 6	8 31	13 32	4 2	15 40	2 10	15 41	1 22	14 48	1 5	7 2	0 56	2 41	2 50	24 4	0 19	13 51	1 21	11 20	15 42	1 2	1 35	15 3			n.a.
M 7	8 9	10 39	3 16	15 1	2 7	15 18	1 23	14 33	1 5	7 7	0 55	2 43	2 50	24 4	0 19	13 50	1 21	11 19	15 42	1 0	1 34	15 2			n.a.
T 8	7 46	7 18	2 21	14 19	2 4	14 54	1 24	14 17	1 5	7 12	0 55	2 44	2 50	24 4	0 19	13 49	1 21	11 18	15 42	0 59	1 33	15 1			n.a.
W 9	7 24	3 36	1 19	13 36	2 0	14 29	1 24	14 1	1 5	7 17	0 55	2 46	2 51	24 4	0 19	13 49	1 21	11 18	15 42	0 58	1 32	15 0			n.a.
T 10	7 1	0n16	0 12	12 51	1 56	14 4	1 25	13 45	1 4	7 21	0 55	2 48	2 51	24 4	0 19	13 48	1 21	11 17	15 41	0 58	1 30	14 59			n.a.
F 11	6 38	4 11	0s56	12 4	1 51	13 39	1 26	13 28	1 4	7 26	0 55	2 50	2 51	24 4	0 19	13 47	1 21	11 17	15 41	0 58	1 29	14 58			n.a.
S 12	6 15	7 59	2 3	11 16	1 46	13 13	1 26	13 12	1 4	7 31	0 55	2 51	2 51	24 4	0 19	13 46	1 21	11 16	15 41	0 58	1 28	14 56			n.a.
S 13	5 52	11 28	3 4	10 26	1 40	12 47	1 27	12 56	1 4	7 36	0 54	2 53	2 51	24 4	0 19	13 46	1 21	11 15	15 41	0 59	1 27	14 55			n.a.
M14	5 29	14 27	3 58	9 35	1 34	12 21	1 27	12 39	1 4	7 41	0 54	2 55	2 51	24 4	0 19	13 45	1 21	11 15	15 41	0 59	1 25	14 54			n.a.
T 15	5 6	16 45	4 40	8 42	1 27	11 54	1 27	12 23	1 4	7 46	0 54	2 57	2 51	24 4	0 19	13 44	1 21	11 14	15 41	1 0	1 24	14 53			n.a.
W16	4 43	18 8	5 7	7 48	1 20	11 27	1 27	12 6	1 3	7 51	0 54	2 59	2 51	24 4	0 19	13 43	1 21	11 13	15 40	1 0	1 23	14 52			n.a.
T 17	4 20	18 28	5 17	6 52	1 12	11 0	1 28	11 49	1 3	7 56	0 54	3 1	2 51	24 4	0 19	13 43	1 21	11 13	15 40	1 0	1 21	14 51			n.a.
F 18	3 57	17 39	5 7	5 55	1 4	10 33	1 28	11 32	1 3	8 1	0 54	3 2	2 51	24 5	0 19	13 42	1 21	11 12	15 40	0 59	1 20	14 49			n.a.
S 19	3 34	15 40	4 38	4 57	0 55	10 5	1 28	11 15	1 3	8 6	0 53	3 4	2 51	24 5	0 19	13 41	1 21	11 12	15 40	0 59	1 19	14 48			n.a.
S 20	3 10	12 38	3 50	3 58	0 45	9 37	1 28	10 58	1 3	8 11	0 53	3 6	2 51	24 5	0 19	13 40	1 21	11 11	15 40	0 58	1 18	14 47			n.a.
M21	2 47	8 46	2 47	2 58	0 36	9 8	1 28	10 41	1 2	8 16	0 53	3 8	2 51	24 5	0 19	13 40	1 21	11 10	15 40	0 58	1 16	14 46			n.a.
T 22	2 24	4 22	1 32	1 58	0 26	8 40	1 28	10 24	1 2	8 21	0 53	3 10	2 51	24 5	0 19	13 39	1 21	11 10	15 40	0 58	1 15	14 45			n.a.
W23	2 0	0s16	0 12	0 56	0 15	8 11	1 27	10 7	1 2	8 26	0 53	3 12	2 52	24 5	0 19	13 38	1 21	11 9	15 40	0 58	1 14	14 44			n.a.
T 24	1 37	4 47	1n 7	0n 5	0 5	7 42	1 27	9 49	1 2	8 31	0 53	3 13	2 52	24 5	0 19	13 38	1 21	11 8	15 40	0 58	1 12	14 42			n.a.
F 25	1 13	8 55	2 20	1 6	0n 6	7 13	1 27	9 32	1 1	8 36	0 52	3 15	2 52	24 5	0 19	13 37	1 21	11 8	15 40	0 58	1 11	14 41			n.a.
S 26	0 50	12 28	3 23	2 8	0 17	6 43	1 26	9 14	1 1	8 41	0 52	3 17	2 52	24 5	0 19	13 36	1 21	11 7	15 39	0 58	1 10	14 40			n.a.
S 27	0 27	15 15	4 14	3 9	0 28	6 14	1 26	8 57	1 1	8 46	0 52	3 19	2 52	24 5	0 19	13 36	1 21	11 7	15 39	0 58	1 9	14 39			n.a.
M28	0 3	17 12	4 50	4 9	0 39	5 44	1 25	8 39	1 1	8 51	0 52	3 21	2 52	24 5	0 19	13 35	1 21	11 6	15 39	0 58	1 7	14 38			n.a.
T 29	0n20	18 16	5 11	5 8	0 49	5 14	1 25	8 22	1 0	8 56	0 52	3 22	2 52	24 5	0 19	13 34	1 21	11 5	15 39	0 58	1 6	14 36			n.a.
W30	0 44	18 27	5 17	6 7	1 0	4 44	1 24	8 4	1 0	9 1	0 52	3 24	2 52	24 5	0 20	13 34	1 21	11 5	15 39	0 58	1 5	14 35			n.a.
T 31	1n 7	17s48	5n10	7n 4	1n10	4s14	1s23	7s46	1s 0	9n 6	0s52	3n26	2n52	24s 5	0s20	13s33	1s21	11s 4	15s39	0s58	1s 3	14s34			n.a.

Julian Day Number = 1498679.5, Delta T = 05h08m42s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'45, Lahiri = -12°22'45 Julian Calendar 1 March 610 BCE == Greg. Calendar 22 Feb. 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

APRIL 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 8 16	3♈43'57	26♉43	16♈58	23♓52	13♓32	25♈29	27°R54	28♐28	28♒10	8♈ 9	2♎25	2♎34	7♒35	n.a.	F 1
S 2	12 12 12	4°41'54	8♒34	18°54	25° 6	14°17	25°43	27♍49	28°29	28°12	8°11	2°25	2°31	7°42	n.a.	S 2
S 3	12 16 9	5°39'50	20°26	20°47	26°20	15° 2	25°56	27°45	28°29	28°14	8°12	2°25	2°28	7°49	n.a.	S 3
M 4	12 20 5	6°37'44	2♓23	22°38	27°33	15°47	26°10	27°40	28°30	28°16	8°13	2°26	2°25	7°55	n.a.	M 4
T 5	12 24 2	7°35'37	14°29	24°25	28°47	16°31	26°24	27°36	28°30	28°18	8°15	2°26	2°22	8° 2	n.a.	T 5
W 6	12 27 58	8°33'28	26°45	26° 9	0♈ 1	17°16	26°37	27°32	28°30	28°20	8°16	2°R26	2°19	8° 9	n.a.	W 6
T 7	12 31 55	9°31'18	9♈13	27°50	1°14	18° 1	26°51	27°27	28°30	28°22	8°17	2°26	2°15	8°16	n.a.	T 7
F 8	12 35 52	10°29'06	21°55	29°27	2°28	18°46	27° 4	27°23	28°30	28°23	8°19	2°26	2°12	8°22	n.a.	F 8
S 9	12 39 48	11°26'53	4♉51	1♉ 1	3°42	19°30	27°18	27°19	28°30	28°25	8°20	2°25	2° 9	8°29	n.a.	S 9
S 10	12 43 45	12°24'38	18° 1	2°32	4°55	20°15	27°32	27°14	28°R30	28°27	8°21	2°24	2° 6	8°36	n.a.	S 10
M11	12 47 41	13°22'21	1♊26	3°58	6° 9	20°59	27°45	27°10	28°30	28°29	8°23	2°23	2° 3	8°42	n.a.	M11
T 12	12 51 38	14°20'03	15° 3	5°21	7°23	21°44	27°59	27° 6	28°30	28°30	8°24	2°21	1°59	8°49	n.a.	T 12
W13	12 55 34	15°17'43	28°53	6°41	8°36	22°28	28°13	27° 2	28°30	28°32	8°25	2°20	1°56	8°56	n.a.	W13
T 14	12 59 31	16°15'21	12♋54	7°56	9°50	23°13	28°27	26°58	28°30	28°34	8°27	2°D20	1°53	9° 2	n.a.	T 14
F 15	13 3 27	17°12'58	27° 5	9° 8	11° 4	23°57	28°41	26°53	28°30	28°35	8°28	2°20	1°50	9° 9	n.a.	F 15
S 16	13 7 24	18°10'33	11♌23	10°15	12°17	24°41	28°54	26°49	28°30	28°37	8°30	2°21	1°47	9°16	n.a.	S 16
S 17	13 11 21	19° 8'06	25°47	11°19	13°31	25°25	29° 8	26°45	28°29	28°39	8°31	2°22	1°44	9°23	n.a.	S 17
M18	13 15 17	20° 5'37	10♍12	12°19	14°45	26° 9	29°22	26°41	28°29	28°40	8°32	2°23	1°40	9°29	n.a.	M18
T 19	13 19 14	21° 3'07	24°34	13°14	15°58	26°53	29°36	26°38	28°28	28°42	8°34	2°24	1°37	9°36	n.a.	T 19
W20	13 23 10	22° 0'36	8♎49	14° 5	17°12	27°38	29°50	26°34	28°28	28°43	8°35	2°R24	1°34	9°43	n.a.	W20
T 21	13 27 7	22°58'03	22°52	14°52	18°26	28°21	0♉ 4	26°30	28°27	28°45	8°36	2°23	1°31	9°49	n.a.	T 21
F 22	13 31 3	23°55'30	6♏39	15°35	19°39	29° 5	0°17	26°26	28°27	28°46	8°38	2°21	1°28	9°56	n.a.	F 22
S 23	13 35 0	24°52'55	20° 8	16°13	20°53	29°49	0°31	26°22	28°26	28°48	8°39	2°18	1°25	10° 3	n.a.	S 23
S 24	13 38 56	25°50'19	3♐17	16°47	22° 7	0♈33	0°45	26°19	28°26	28°49	8°40	2°15	1°21	10° 9	n.a.	S 24
M25	13 42 53	26°47'42	16° 5	17°17	23°20	1°17	0°59	26°15	28°25	28°51	8°42	2°11	1°18	10°16	n.a.	M25
T 26	13 46 50	27°45'05	28°35	17°41	24°34	2° 0	1°13	26°12	28°24	28°52	8°43	2° 8	1°15	10°23	n.a.	T 26
W27	13 50 46	28°42'26	10♑49	18° 2	25°47	2°44	1°27	26° 8	28°23	28°53	8°44	2° 6	1°12	10°29	n.a.	W27
T 28	13 54 43	29°39'47	22°51	18°17	27° 1	3°28	1°41	26° 5	28°22	28°55	8°45	2° 4	1° 9	10°36	n.a.	T 28
F 29	13 58 39	0♒37'07	4♒45	18°28	28°15	4°11	1°55	26° 2	28°22	28°56	8°47	2°D 4	1° 5	10°43	n.a.	F 29
S 30	14 2 36	1♒34'26	16♒36	18♒34	29♈28	4♈55	2♉ 9	25♍58	28♐21	28♒57	8♈48	2♎ 5	1♎ 2	10♒50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n30	16s22	4n49	7n59	1n20	3s44	1s23	7s28	0s59	9n11	0s52	3n28	2n52	24s 5	0s20	13s32	1s21	11s 4	15s39	0s58	1s 2	14s33		n.a.
S 2	1 54	14 14	4 17	8 53	1 30	3 13	1 22	7 11	0 59	9 16	0 51	3 30	2 52	24 5	0 20	13 32	1 21	11 3	15 39	0 58	1 1	14 32		n.a.
S 3	2 17	11 31	3 33	9 45	1 39	2 43	1 21	6 53	0 59	9 22	0 51	3 31	2 51	24 5	0 20	13 31	1 21	11 3	15 39	0 59	1 0	14 30		n.a.
M 4	2 40	8 18	2 39	10 35	1 48	2 12	1 20	6 35	0 59	9 27	0 51	3 33	2 51	24 5	0 20	13 30	1 21	11 2	15 39	0 59	0 58	14 29		n.a.
T 5	3 3	4 41	1 38	11 23	1 56	1 42	1 19	6 17	0 58	9 32	0 51	3 35	2 51	24 5	0 20	13 30	1 21	11 1	15 39	0 59	0 57	14 28		n.a.
W 6	3 26	0 50	0 32	12 8	2 3	1 11	1 18	5 59	0 58	9 37	0 51	3 37	2 51	24 5	0 20	13 29	1 21	11 1	15 39	0 59	0 56	14 27		n.a.
T 7	3 49	3n 8	0s38	12 52	2 10	0 40	1 17	5 41	0 58	9 42	0 51	3 38	2 51	24 5	0 20	13 29	1 21	11 0	15 39	0 59	0 55	14 26		n.a.
F 8	4 12	7 1	1 46	13 33	2 16	0 10	1 16	5 23	0 57	9 47	0 51	3 40	2 51	24 5	0 20	13 28	1 21	11 0	15 39	0 59	0 53	14 24		n.a.
S 9	4 35	10 39	2 50	14 12	2 21	0n21	1 14	5 5	0 57	9 52	0 51	3 42	2 51	24 5	0 20	13 27	1 22	10 59	15 39	0 59	0 52	14 23		n.a.
S 10	4 58	13 49	3 47	14 48	2 26	0 52	1 13	4 47	0 57	9 57	0 50	3 43	2 51	24 5	0 20	13 27	1 22	10 59	15 39	0 58	0 51	14 22		n.a.
M11	5 21	16 18	4 32	15 21	2 30	1 23	1 12	4 29	0 56	10 2	0 50	3 45	2 51	24 5	0 20	13 26	1 22	10 58	15 39	0 58	0 49	14 21		n.a.
T 12	5 44	17 55	5 2	15 53	2 33	1 53	1 10	4 11	0 56	10 7	0 50	3 47	2 51	24 5	0 20	13 26	1 22	10 58	15 39	0 57	0 48	14 19		n.a.
W13	6 6	18 30	5 16	16 22	2 35	2 24	1 9	3 53	0 56	10 12	0 50	3 48	2 51	24 5	0 20	13 25	1 22	10 57	15 39	0 57	0 47	14 18		n.a.
T 14	6 29	17 58	5 11	16 48	2 36	2 55	1 8	3 34	0 55	10 17	0 50	3 50	2 51	24 5	0 20	13 25	1 22	10 57	15 39	0 56	0 46	14 17		n.a.
F 15	6 51	16 20	4 47	17 12	2 37	3 26	1 6	3 16	0 55	10 23	0 50	3 51	2 51	24 5	0 20	13 24	1 22	10 56	15 39	0 56	0 44	14 16		n.a.
S 16	7 13	13 40	4 6	17 34	2 36	3 56	1 4	2 58	0 54	10 28	0 50	3 53	2 51	24 5	0 20	13 23	1 22	10 56	15 39	0 57	0 43	14 14		n.a.
S 17	7 35	10 8	3 9	17 53	2 35	4 27	1 3	2 40	0 54	10 33	0 50	3 54	2 50	24 5	0 20	13 23	1 22	10 55	15 39	0 57	0 42	14 13		n.a.
M18	7 58	6 0	2 0	18 9	2 32	4 57	1 1	2 22	0 54	10 38	0 50	3 56	2 50	24 5	0 20	13 22	1 22	10 55	15 39	0 58	0 40	14 12		n.a.
T 19	8 19	1 32	0 43	18 23	2 29	5 27	0 59	2 4	0 53	10 43	0 49	3 57	2 50	24 5	0 20	13 22	1 22	10 54	15 39	0 58	0 39	14 11		n.a.
W20	8 41	3s 0	0n35	18 35	2 25	5 58	0 58	1 46	0 53	10 48	0 49	3 59	2 50	24 5	0 20	13 21	1 22	10 54	15 39	0 58	0 38	14 10		n.a.
T 21	9 3	7 18	1 51	18 45	2 20	6 28	0 56	1 28	0 52	10 53	0 49	4 0	2 50	24 5	0 20	13 21	1 22	10 53	15 39	0 58	0 37	14 8		n.a.
F 22	9 24	11 8	2 58	18 52	2 14	6 58	0 54	1 10	0 52	10 58	0 49	4 2	2 50	24 6	0 20	13 20	1 22	10 53	15 39	0 57	0 35	14 7		n.a.
S 23	9 46	14 16	3 53	18 56	2 7	7 27	0 52	0 52	0 52	11 3	0 49	4 3	2 50	24 6	0 20	13 20	1 22	10 52	15 39	0 56	0 34	14 6		n.a.
S 24	10 7	16 36	4 35	18 59	1 59	7 57	0 50	0 34	0 51	11 8	0 49	4 4	2 50	24 6	0 20	13 19	1 22	10 52	15 39	0 54	0 33	14 4		n.a.
M25	10 28	18 1	5 2	18 59	1 50	8 26	0 48	0 15	0 51	11 13	0 49	4 6	2 49	24 6	0 20	13 19	1 22	10 51	15 39	0 53	0 31	14 3		n.a.
T 26	10 49	18 32	5 13	18 57	1 40	8 56	0 46	0n 3	0 50	11 18	0 49	4 7	2 49	24 6	0 20	13 19	1 22	10 51	15 39	0 52	0 30	14 2		n.a.
W27	11 10	18 10	5 10	18 52	1 30	9 25	0 44	0 20	0 50	11 23	0 49	4 8	2 49	24 6	0 20	13 18	1 22	10 51	15 40	0 51	0 29	14 1		n.a.
T 28	11 30	16 58	4 54	18 45	1 18	9 54	0 42	0 38	0 49	11 28	0 49	4 9	2 49	24 6	0 20	13 18	1 22	10 50	15 40	0 50	0 28	13 59		n.a.
F 29	11 51	15 3	4 25	18 36	1 6	10 22	0 40	0 56	0 49	11 33	0 48	4 10	2 49	24 6	0 20	13 17	1 22	10 50	15 40	0 50	0 26	13 58		n.a.
S 30	12n11	12s31	3n44	18n26	0n52	10n51	0s38	1n14	0s49	11n38	0s48	4n12	2n49	24s 6	0s20	13s17	1s22	10s49	15s40	0s50	0s25	13s57		n.a.

Julian Day Number = 1498710.5, Delta T = 05h08m41s
Ecliptic obliquity = 23°45'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'41, Lahiri = -12°22'40 Julian Calendar 1 Apr. 610 BCE == Greg. Calendar 25 March 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

MAY 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 6 32	2♉31'45	28♒30	18°R36	0♉42	5♈38	2♉23	25°R55	28°R20	28♒58	8♈49	2♎ 7	0♎59	10♒56	n.a.	S 1
M 2	14 10 29	3°29'03	10♓29	18♉33	1°56	6°21	2°36	25♏52	28♐19	29° 0	8°51	2° 8	0°56	11° 3	n.a.	M 2
T 3	14 14 25	4°26'20	22°40	18°26	3° 9	7° 5	2°50	25°49	28°18	29° 1	8°52	2°10	0°53	11°10	n.a.	T 3
W 4	14 18 22	5°23'37	5♈ 5	18°14	4°23	7°48	3° 4	25°46	28°16	29° 2	8°53	2°R10	0°50	11°16	n.a.	W 4
T 5	14 22 19	6°20'53	17°47	17°59	5°37	8°31	3°18	25°43	28°15	29° 3	8°54	2° 9	0°46	11°23	n.a.	T 5
F 6	14 26 15	7°18'08	0♉47	17°40	6°50	9°14	3°32	25°40	28°14	29° 4	8°55	2° 6	0°43	11°30	n.a.	F 6
S 7	14 30 12	8°15'22	14° 6	17°17	8° 4	9°57	3°46	25°38	28°13	29° 5	8°57	2° 2	0°40	11°36	n.a.	S 7
S 8	14 34 8	9°12'36	27°42	16°51	9°18	10°40	4° 0	25°35	28°12	29° 6	8°58	1°57	0°37	11°43	n.a.	S 8
M 9	14 38 5	10° 9'50	11♊32	16°23	10°31	11°23	4°14	25°32	28°10	29° 7	8°59	1°51	0°34	11°50	n.a.	M 9
T 10	14 42 1	11° 7'02	25°33	15°53	11°45	12° 6	4°28	25°30	28° 9	29° 8	9° 0	1°45	0°30	11°56	n.a.	T 10
W11	14 45 58	12° 4'14	9♋42	15°20	12°59	12°49	4°41	25°27	28° 8	29° 9	9° 1	1°40	0°27	12° 3	n.a.	W11
T 12	14 49 54	13° 1'24	23°54	14°47	14°12	13°32	4°55	25°25	28° 6	29°10	9° 3	1°37	0°24	12°10	n.a.	T 12
F 13	14 53 51	13°58'34	8♌ 7	14°13	15°26	14°15	5° 9	25°23	28° 5	29°11	9° 4	1°D36	0°21	12°17	n.a.	F 13
S 14	14 57 48	14°55'43	22°18	13°39	16°40	14°57	5°23	25°21	28° 3	29°12	9° 5	1°36	0°18	12°23	n.a.	S 14
S 15	15 1 44	15°52'51	6♍25	13° 6	17°53	15°40	5°37	25°19	28° 2	29°13	9° 6	1°37	0°15	12°30	n.a.	S 15
M16	15 5 41	16°49'59	20°28	12°34	19° 7	16°22	5°50	25°17	28° 0	29°14	9° 7	1°38	0°11	12°37	n.a.	M16
T 17	15 9 37	17°47'05	4♎25	12° 3	20°21	17° 5	6° 4	25°15	27°58	29°14	9° 8	1°R38	0° 8	12°43	n.a.	T 17
W18	15 13 34	18°44'12	18°13	11°35	21°34	17°47	6°18	25°13	27°57	29°15	9° 9	1°37	0° 5	12°50	n.a.	W18
T 19	15 17 30	19°41'17	1♏52	11°10	22°48	18°29	6°32	25°11	27°55	29°16	9°11	1°34	0° 2	12°57	n.a.	T 19
F 20	15 21 27	20°38'23	15°18	10°47	24° 2	19°12	6°45	25°10	27°53	29°17	9°12	1°28	29♍59	13° 3	n.a.	F 20
S 21	15 25 23	21°35'28	28°31	10°29	25°15	19°54	6°59	25° 8	27°52	29°17	9°13	1°21	29°56	13°10	n.a.	S 21
S 22	15 29 20	22°32'32	11♐28	10°14	26°29	20°36	7°12	25° 7	27°50	29°18	9°14	1°12	29°52	13°17	n.a.	S 22
M23	15 33 17	23°29'37	24° 9	10° 3	27°43	21°18	7°26	25° 5	27°48	29°18	9°15	1° 3	29°49	13°23	n.a.	M23
T 24	15 37 13	24°26'42	6♑35	9°57	28°56	22° 0	7°40	25° 4	27°46	29°19	9°16	0°55	29°46	13°30	n.a.	T 24
W25	15 41 10	25°23'47	18°47	9°D55	0♊10	22°42	7°53	25° 3	27°44	29°20	9°17	0°48	29°43	13°37	n.a.	W25
T 26	15 45 6	26°20'52	0♒47	9°58	1°24	23°24	8° 7	25° 2	27°42	29°20	9°18	0°42	29°40	13°43	n.a.	T 26
F 27	15 49 3	27°17'57	12°41	10° 6	2°37	24° 6	8°20	25° 1	27°40	29°20	9°19	0°39	29°36	13°50	n.a.	F 27
S 28	15 52 59	28°15'02	24°31	10°18	3°51	24°48	8°34	25° 0	27°38	29°21	9°20	0°D38	29°33	13°57	n.a.	S 28
S 29	15 56 56	29°12'07	6♓24	10°36	5° 5	25°30	8°47	24°59	27°36	29°21	9°21	0°38	29°30	14° 4	n.a.	S 29
M30	16 0 53	0♊ 9'13	18°24	10°58	6°19	26°11	9° 1	24°58	27°34	29°22	9°22	0°39	29°27	14°10	n.a.	M30
T 31	16 4 49	1♊ 6'19	0♈37	11♉26	7♊32	26♈53	9♉14	24♏58	27♐32	29♒22	9♈22	0°R39	29♍24	14♒17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	12n31	9s26	2n54	18n12	0n38	11n19	0s36	1n32	0s48	11n42	0s48	4n13	2n48	24s 6	0s20	13s16	1s22	10s49	15s40	0s51	0s24	13s56			n.a.
M 2	12 51	5 57	1 56	17 58	0 24	11 47	0 34	1 50	0 48	11 47	0 48	4 14	2 48	24 6	0 20	13 16	1 23	10 48	15 40	0 52	0 23	13 54			n.a.
T 3	13 10	2 9	0 52	17 41	0 8	12 14	0 32	2 8	0 47	11 52	0 48	4 15	2 48	24 6	0 20	13 16	1 23	10 48	15 40	0 52	0 21	13 53			n.a.
W 4	13 30	1n48	0s16	17 22	0s 8	12 42	0 29	2 25	0 47	11 57	0 48	4 16	2 48	24 6	0 20	13 15	1 23	10 48	15 40	0 52	0 20	13 52			n.a.
T 5	13 49	5 46	1 24	17 2	0 24	13 9	0 27	2 43	0 46	12 2	0 48	4 17	2 48	24 6	0 20	13 15	1 23	10 47	15 40	0 52	0 19	13 51			n.a.
F 6	14 8	9 34	2 30	16 41	0 41	13 35	0 25	3 1	0 46	12 7	0 48	4 18	2 47	24 6	0 20	13 15	1 23	10 47	15 41	0 51	0 17	13 49			n.a.
S 7	14 27	12 58	3 29	16 18	0 58	14 2	0 23	3 18	0 45	12 12	0 48	4 19	2 47	24 6	0 20	13 14	1 23	10 47	15 41	0 49	0 16	13 48			n.a.
S 8	14 46	15 45	4 17	15 54	1 15	14 28	0 20	3 36	0 45	12 16	0 48	4 20	2 47	24 6	0 20	13 14	1 23	10 46	15 41	0 47	0 15	13 47			n.a.
M 9	15 4	17 40	4 51	15 30	1 32	14 54	0 18	3 53	0 44	12 21	0 48	4 21	2 47	24 6	0 20	13 14	1 23	10 46	15 41	0 45	0 14	13 45			n.a.
T 10	15 22	18 33	5 8	15 5	1 48	15 19	0 16	4 11	0 44	12 26	0 48	4 21	2 47	24 6	0 21	13 13	1 23	10 46	15 41	0 42	0 12	13 44			n.a.
W11	15 40	18 18	5 7	14 40	2 5	15 44	0 13	4 28	0 43	12 31	0 48	4 22	2 46	24 6	0 21	13 13	1 23	10 45	15 41	0 40	0 11	13 43			n.a.
T 12	15 58	16 54	4 47	14 15	2 20	16 9	0 11	4 45	0 43	12 36	0 48	4 23	2 46	24 6	0 21	13 13	1 23	10 45	15 41	0 39	0 10	13 42			n.a.
F 13	16 15	14 28	4 10	13 51	2 36	16 33	0 9	5 3	0 42	12 40	0 47	4 24	2 46	24 6	0 21	13 13	1 23	10 45	15 42	0 39	0 8	13 40			n.a.
S 14	16 32	11 10	3 17	13 27	2 50	16 57	0 6	5 20	0 42	12 45	0 47	4 24	2 46	24 6	0 21	13 12	1 23	10 44	15 42	0 39	0 7	13 39			n.a.
S 15	16 49	7 14	2 12	13 5	3 3	17 20	0 4	5 37	0 41	12 50	0 47	4 25	2 46	24 6	0 21	13 12	1 23	10 44	15 42	0 39	0 6	13 38			n.a.
M16	17 6	2 54	1 0	12 43	3 15	17 43	0 2	5 54	0 41	12 54	0 47	4 25	2 45	24 6	0 21	13 12	1 23	10 44	15 42	0 39	0 5	13 36			n.a.
T 17	17 22	1s33	0n15	12 23	3 27	18 5	0n 1	6 11	0 40	12 59	0 47	4 26	2 45	24 6	0 21	13 12	1 23	10 44	15 42	0 40	0 3	13 35			n.a.
W18	17 38	5 53	1 28	12 5	3 36	18 27	0 3	6 28	0 40	13 4	0 47	4 27	2 45	24 6	0 21	13 11	1 23	10 43	15 42	0 39	0 2	13 34			n.a.
T 19	17 54	9 51	2 36	11 49	3 45	18 49	0 6	6 45	0 39	13 8	0 47	4 27	2 45	24 6	0 21	13 11	1 23	10 43	15 43	0 38	0 1	13 32			n.a.
F 20	18 9	13 15	3 33	11 35	3 52	19 10	0 8	7 1	0 38	13 13	0 47	4 27	2 44	24 6	0 21	13 11	1 23	10 43	15 43	0 36	0n 1	13 31			n.a.
S 21	18 25	15 54	4 18	11 24	3 58	19 30	0 10	7 18	0 38	13 17	0 47	4 28	2 44	24 6	0 21	13 11	1 24	10 42	15 43	0 33	0 2	13 30			n.a.
S 22	18 39	17 42	4 48	11 15	4 3	19 50	0 13	7 35	0 37	13 22	0 47	4 28	2 44	24 6	0 21	13 11	1 24	10 42	15 43	0 29	0 3	13 29			n.a.
M23	18 54	18 34	5 4	11 8	4 6	20 10	0 15	7 51	0 37	13 27	0 47	4 29	2 44	24 6	0 21	13 10	1 24	10 42	15 43	0 26	0 4	13 27			n.a.
T 24	19 8	18 32	5 5	11 5	4 8	20 29	0 17	8 8	0 36	13 31	0 47	4 29	2 43	24 6	0 21	13 10	1 24	10 42	15 44	0 22	0 6	13 26			n.a.
W25	19 22	17 37	4 51	11 3	4 9	20 47	0 20	8 24	0 36	13 36	0 47	4 29	2 43	24 6	0 21	13 10	1 24	10 42	15 44	0 19	0 7	13 25			n.a.
T 26	19 36	15 56	4 25	11 5	4 8	21 5	0 22	8 40	0 35	13 40	0 47	4 29	2 43	24 6	0 21	13 10	1 24	10 41	15 44	0 17	0 8	13 23			n.a.
F 27	19 49	13 35	3 48	11 9	4 6	21 22	0 24	8 56	0 35	13 44	0 47	4 29	2 43	24 6	0 21	13 10	1 24	10 41	15 44	0 16	0 9	13 22			n.a.
S 28	20 2	10 41	3 1	11 16	4 3	21 39	0 27	9 12	0 34	13 49	0 47	4 30	2 43	24 6	0 21	13 10	1 24	10 41	15 44	0 15	0 11	13 21			n.a.
S 29	20 15	7 20	2 6	11 25	3 59	21 55	0 29	9 28	0 33	13 53	0 47	4 30	2 42	24 6	0 21	13 10	1 24	10 41	15 45	0 15	0 12	13 19			n.a.
M30	20 28	3 39	1 5	11 37	3 55	22 10	0 31	9 44	0 33	13 58	0 47	4 30	2 42	24 6	0 21	13 10	1 24	10 41	15 45	0 16	0 13	13 18			n.a.
T 31	20n40	0n15	0n 0	11n51	3s49	22n25	0n33	10n 0	0s32	14n 2	0s46	4n30	2n42	24s 5	0s21	13s10	1s24	10s41	15s45	0s16	0n15	13s17			n.a.

Julian Day Number = 1498740.5, Delta T = 05h08m39s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'37, Lahiri = -12°22'36 Julian Calendar 1 May 610 BCE == Greg. Calendar 24 Apr. 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

JUNE 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 8 46	2♊ 3'25	13♈ 6	11♉58	8♊46	27♈34	9♉27	24°R57	27°R30	29♒22	9♈23	0°R38	29♍21	14♒24	n.a.	W 1
T 2	16 12 42	3° 0'32	25°57	12°35	10° 0	28°16	9°40	24♍57	27♐28	29°23	9°24	0♎36	29°17	14°30	n.a.	T 2
F 3	16 16 39	3°57'39	9♉11	13°17	11°13	28°57	9°54	24°57	27°26	29°23	9°25	0°31	29°14	14°37	n.a.	F 3
S 4	16 20 35	4°54'46	22°48	14° 3	12°27	29°39	10° 7	24°56	27°24	29°23	9°26	0°23	29°11	14°44	n.a.	S 4
S 5	16 24 32	5°51'54	6♊47	14°55	13°41	0♉20	10°20	24°56	27°22	29°23	9°27	0°14	29° 8	14°50	n.a.	S 5
M 6	16 28 28	6°49'02	21° 4	15°51	14°55	1° 1	10°33	24°D56	27°19	29°23	9°28	0° 4	29° 5	14°57	n.a.	M 6
T 7	16 32 25	7°46'10	5♋32	16°51	16° 8	1°43	10°46	24°56	27°17	29°23	9°28	29♍54	29° 2	15° 4	n.a.	T 7
W 8	16 36 22	8°43'19	20° 5	17°56	17°22	2°24	10°59	24°57	27°15	29°23	9°29	29°46	28°58	15°10	n.a.	W 8
T 9	16 40 18	9°40'27	4♌36	19° 5	18°36	3° 5	11°12	24°57	27°13	29°23	9°30	29°39	28°55	15°17	n.a.	T 9
F 10	16 44 15	10°37'36	19° 1	20°19	19°50	3°46	11°25	24°57	27°10	29°R23	9°31	29°35	28°52	15°24	n.a.	F 10
S 11	16 48 11	11°34'45	3♍16	21°37	21° 4	4°27	11°38	24°58	27° 8	29°23	9°32	29°34	28°49	15°30	n.a.	S 11
S 12	16 52 8	12°31'54	17°19	23° 0	22°17	5° 8	11°51	24°58	27° 6	29°23	9°32	29°D34	28°46	15°37	n.a.	S 12
M13	16 56 4	13°29'03	1♎ 9	24°26	23°31	5°48	12° 4	24°59	27° 4	29°23	9°33	29°R34	28°42	15°44	n.a.	M13
T 14	17 0 1	14°26'12	14°47	25°57	24°45	6°29	12°17	25° 0	27° 1	29°23	9°34	29°33	28°39	15°50	n.a.	T 14
W15	17 3 57	15°23'22	28°14	27°31	25°59	7°10	12°29	25° 0	26°59	29°23	9°34	29°30	28°36	15°57	n.a.	W15
T 16	17 7 54	16°20'32	11♏30	29°10	27°12	7°50	12°42	25° 1	26°57	29°23	9°35	29°25	28°33	16° 4	n.a.	T 16
F 17	17 11 51	17°17'42	24°34	0♊52	28°26	8°31	12°54	25° 2	26°54	29°23	9°36	29°17	28°30	16°11	n.a.	F 17
S 18	17 15 47	18°14'53	7♐27	2°37	29°40	9°11	13° 7	25° 4	26°52	29°22	9°36	29° 6	28°27	16°17	n.a.	S 18
S 19	17 19 44	19°12'05	20° 8	4°26	0♋54	9°52	13°19	25° 5	26°50	29°22	9°37	28°54	28°23	16°24	n.a.	S 19
M20	17 23 40	20° 9'18	2♑36	6°18	2° 8	10°32	13°32	25° 6	26°47	29°22	9°37	28°41	28°20	16°31	n.a.	M20
T 21	17 27 37	21° 6'31	14°53	8°12	3°21	11°12	13°44	25° 8	26°45	29°21	9°38	28°29	28°17	16°37	n.a.	T 21
W22	17 31 33	22° 3'45	26°59	10°10	4°35	11°53	13°56	25° 9	26°42	29°21	9°38	28°18	28°14	16°44	n.a.	W22
T 23	17 35 30	23° 1'01	8♒56	12° 9	5°49	12°33	14° 9	25°11	26°40	29°21	9°39	28° 9	28°11	16°51	n.a.	T 23
F 24	17 39 27	23°58'17	20°46	14°10	7° 3	13°13	14°21	25°12	26°38	29°20	9°39	28° 3	28° 8	16°57	n.a.	F 24
S 25	17 43 23	24°55'34	2♓35	16°13	8°17	13°53	14°33	25°14	26°35	29°20	9°40	28° 0	28° 4	17° 4	n.a.	S 25
S 26	17 47 20	25°52'53	14°26	18°17	9°30	14°33	14°45	25°16	26°33	29°19	9°40	27°58	28° 1	17°11	n.a.	S 26
M27	17 51 16	26°50'12	26°25	20°21	10°44	15°13	14°57	25°18	26°30	29°19	9°41	27°58	27°58	17°17	n.a.	M27
T 28	17 55 13	27°47'33	8♈36	22°27	11°58	15°53	15° 9	25°20	26°28	29°18	9°41	27°58	27°55	17°24	n.a.	T 28
W29	17 59 9	28°44'55	21° 6	24°32	13°12	16°32	15°21	25°22	26°26	29°17	9°42	27°57	27°52	17°31	n.a.	W29
T 30	18 3 6	29♊42'19	3♉59	26♊38	14♋26	17♉12	15♉32	25♍25	26♐23	29♒17	9♈42	27♍54	27♍48	17♒37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n51	4n14	1s 6	12n 7	3s42	22n39	0n36	10n16	0s32	14n 6	0s46	4n30	2n42	24s 5	0s21	13s10	1s24	10s40	15s45	0s15	0n16	13s15		n.a.
T 2	21 3	8 8	2 11	12 25	3 34	22 52	0 38	10 31	0 31	14 11	0 46	4 30	2 41	24 5	0 21	13 10	1 24	10 40	15 46	0 14	0 17	13 14		n.a.
F 3	21 14	11 45	3 10	12 46	3 26	23 5	0 40	10 47	0 30	14 15	0 46	4 30	2 41	24 5	0 21	13 9	1 24	10 40	15 46	0 12	0 18	13 13		n.a.
S 4	21 24	14 51	4 1	13 9	3 17	23 17	0 42	11 2	0 30	14 19	0 46	4 29	2 41	24 5	0 21	13 9	1 24	10 40	15 46	0 9	0 20	13 11		n.a.
S 5	21 35	17 10	4 38	13 33	3 7	23 29	0 44	11 17	0 29	14 23	0 46	4 29	2 40	24 5	0 21	13 9	1 24	10 40	15 46	0 6	0 21	13 10		n.a.
M 6	21 45	18 29	4 59	13 59	2 57	23 40	0 46	11 32	0 29	14 28	0 46	4 29	2 40	24 5	0 21	13 9	1 24	10 40	15 47	0 2	0 22	13 9		n.a.
T 7	21 54	18 38	5 1	14 27	2 46	23 50	0 48	11 48	0 28	14 32	0 46	4 29	2 40	24 5	0 21	13 9	1 25	10 40	15 47	0n 2	0 24	13 7		n.a.
W 8	22 3	17 33	4 44	14 56	2 35	23 59	0 50	12 2	0 27	14 36	0 46	4 28	2 40	24 5	0 21	13 10	1 25	10 40	15 47	0 6	0 25	13 6		n.a.
T 9	22 12	15 21	4 9	15 26	2 23	24 8	0 52	12 17	0 27	14 40	0 46	4 28	2 39	24 5	0 21	13 10	1 25	10 40	15 47	0 8	0 26	13 5		n.a.
F 10	22 21	12 12	3 18	15 58	2 11	24 16	0 54	12 32	0 26	14 44	0 46	4 28	2 39	24 5	0 21	13 10	1 25	10 40	15 48	0 10	0 27	13 3		n.a.
S 11	22 29	8 21	2 15	16 30	1 59	24 24	0 56	12 47	0 25	14 48	0 46	4 27	2 39	24 5	0 21	13 10	1 25	10 40	15 48	0 11	0 29	13 2		n.a.
S 12	22 36	4 5	1 5	17 4	1 46	24 30	0 58	13 1	0 25	14 52	0 46	4 27	2 39	24 5	0 21	13 10	1 25	10 40	15 48	0 11	0 30	13 1		n.a.
M13	22 44	0s20	0n 8	17 38	1 34	24 36	1 0	13 15	0 24	14 56	0 46	4 26	2 38	24 5	0 21	13 10	1 25	10 40	15 48	0 11	0 31	12 59		n.a.
T 14	22 51	4 41	1 20	18 12	1 21	24 41	1 2	13 30	0 24	15 0	0 46	4 26	2 38	24 5	0 21	13 10	1 25	10 40	15 49	0 11	0 33	12 58		n.a.
W15	22 57	8 44	2 26	18 47	1 8	24 46	1 3	13 44	0 23	15 4	0 46	4 25	2 38	24 5	0 21	13 10	1 25	10 39	15 49	0 12	0 34	12 56		n.a.
T 16	23 3	12 17	3 23	19 21	0 55	24 49	1 5	13 58	0 22	15 8	0 46	4 25	2 38	24 5	0 21	13 10	1 25	10 39	15 49	0 14	0 35	12 55		n.a.
F 17	23 9	15 10	4 8	19 55	0 42	24 52	1 7	14 12	0 22	15 12	0 46	4 24	2 37	24 5	0 21	13 10	1 25	10 40	15 49	0 17	0 36	12 54		n.a.
S 18	23 14	17 15	4 40	20 29	0 29	24 54	1 8	14 25	0 21	15 16	0 46	4 23	2 37	24 5	0 21	13 10	1 25	10 40	15 50	0 22	0 38	12 52		n.a.
S 19	23 19	18 27	4 57	21 2	0 17	24 56	1 10	14 39	0 20	15 19	0 46	4 22	2 37	24 5	0 21	13 11	1 25	10 40	15 50	0 27	0 39	12 51		n.a.
M20	23 24	18 45	5 0	21 34	0 5	24 56	1 11	14 52	0 20	15 23	0 46	4 22	2 37	24 5	0 21	13 11	1 25	10 40	15 50	0 32	0 40	12 50		n.a.
T 21	23 28	18 9	4 49	22 5	0n 7	24 56	1 13	15 6	0 19	15 27	0 46	4 21	2 36	24 5	0 21	13 11	1 25	10 40	15 51	0 37	0 41	12 48		n.a.
W22	23 31	16 44	4 24	22 34	0 18	24 55	1 14	15 19	0 18	15 31	0 46	4 20	2 36	24 5	0 21	13 11	1 25	10 40	15 51	0 41	0 43	12 47		n.a.
T 23	23 35	14 36	3 49	23 2	0 29	24 54	1 16	15 32	0 18	15 34	0 46	4 19	2 36	24 5	0 21	13 11	1 25	10 40	15 51	0 45	0 44	12 45		n.a.
F 24	23 38	11 52	3 3	23 28	0 39	24 51	1 17	15 45	0 17	15 38	0 46	4 18	2 36	24 5	0 21	13 12	1 25	10 40	15 51	0 47	0 45	12 44		n.a.
S 25	23 40	8 40	2 10	23 51	0 49	24 48	1 18	15 58	0 16	15 42	0 46	4 17	2 35	24 5	0 21	13 12	1 25	10 40	15 52	0 49	0 47	12 43		n.a.
S 26	23 42	5 7	1 11	24 12	0 58	24 44	1 19	16 10	0 16	15 45	0 46	4 16	2 35	24 4	0 21	13 12	1 26	10 40	15 52	0 49	0 48	12 41		n.a.
M27	23 44	1 19	0 8	24 30	1 6	24 40	1 21	16 23	0 15	15 49	0 46	4 15	2 35	24 4	0 21	13 12	1 26	10 40	15 52	0 49	0 49	12 40		n.a.
T 28	23 45	2n36	0s56	24 46	1 14	24 34	1 22	16 35	0 14	15 52	0 46	4 14	2 35	24 4	0 21	13 12	1 26	10 40	15 53	0 49	0 50	12 39		n.a.
W29	23 46	6 30	1 59	24 59	1 20	24 28	1 23	16 48	0 14	15 56	0 46	4 13	2 34	24 4	0 21	13 13	1 26	10 40	15 53	0 50	0 52	12 37		n.a.
T 30	23n46	10n13	2s58	25n10	1n26	24n21	1n24	17n 0	0s13	15n59	0s46	4n12	2n34	24s 4	0s21	13s13	1s26	10s40	15s53	0n51	0n53	12s36		n.a.

Julian Day Number = 1498771.5, Delta T = 05h08m38s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'33, Lahiri = -12°22'32 Julian Calendar 1 June 610 BCE == Greg. Calendar 25 May 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

JULY 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 7 2	0♋39'44	17♉18	28♊43	15♋39	17♉52	15♉44	25♍27	26°R21	29°R16	9♈42	27°R48	27♍45	17♒44	n.a.	F 1
S 2	18 10 59	1°37'10	1♊ 4	0♋48	16°53	18°31	15°55	25°29	26♐18	29♒15	9°43	27♍40	27°42	17°51	n.a.	S 2
S 3	18 14 56	2°34'37	15°18	2°52	18° 7	19°11	16° 7	25°32	26°16	29°15	9°43	27°30	27°39	17°57	n.a.	S 3
M 4	18 18 52	3°32'06	29°53	4°56	19°21	19°50	16°18	25°35	26°14	29°14	9°43	27°19	27°36	18° 4	n.a.	M 4
T 5	18 22 49	4°29'36	14♋43	6°58	20°35	20°30	16°30	25°37	26°11	29°13	9°44	27° 8	27°33	18°11	n.a.	T 5
W 6	18 26 45	5°27'07	29°40	8°59	21°49	21° 9	16°41	25°40	26° 9	29°12	9°44	26°58	27°29	18°17	n.a.	W 6
T 7	18 30 42	6°24'40	14♌34	10°59	23° 2	21°48	16°52	25°43	26° 6	29°12	9°44	26°51	27°26	18°24	n.a.	T 7
F 8	18 34 38	7°22'13	29°17	12°58	24°16	22°27	17° 3	25°46	26° 4	29°11	9°44	26°46	27°23	18°31	n.a.	F 8
S 9	18 38 35	8°19'47	13♍45	14°55	25°30	23° 6	17°14	25°49	26° 2	29°10	9°44	26°44	27°20	18°37	n.a.	S 9
S 10	18 42 31	9°17'23	27°54	16°51	26°44	23°46	17°25	25°52	25°59	29° 9	9°45	26°D44	27°17	18°44	n.a.	S 10
M11	18 46 28	10°14'59	11♎43	18°46	27°58	24°24	17°36	25°55	25°57	29° 8	9°45	26°R44	27°13	18°51	n.a.	M11
T 12	18 50 25	11°12'36	25°13	20°39	29°12	25° 3	17°47	25°59	25°55	29° 7	9°45	26°43	27°10	18°57	n.a.	T 12
W13	18 54 21	12°10'15	8♏27	22°30	0♌25	25°42	17°57	26° 2	25°53	29° 6	9°45	26°41	27° 7	19° 4	n.a.	W13
T 14	18 58 18	13° 7'55	21°27	24°21	1°39	26°21	18° 8	26° 6	25°50	29° 5	9°45	26°36	27° 4	19°11	n.a.	T 14
F 15	19 2 14	14° 5'36	4♐13	26° 9	2°53	27° 0	18°18	26° 9	25°48	29° 4	9°45	26°28	27° 1	19°18	n.a.	F 15
S 16	19 6 11	15° 3'18	16°48	27°57	4° 7	27°38	18°29	26°13	25°46	29° 3	9°45	26°18	26°58	19°24	n.a.	S 16
S 17	19 10 7	16° 1'02	29°12	29°43	5°21	28°17	18°39	26°16	25°44	29° 2	9°45	26° 6	26°54	19°31	n.a.	S 17
M18	19 14 4	16°58'48	11♑27	1♌27	6°35	28°55	18°49	26°20	25°41	29° 1	9°R45	25°54	26°51	19°38	n.a.	M18
T 19	19 18 0	17°56'34	23°33	3°10	7°48	29°34	18°59	26°24	25°39	29° 0	9°45	25°42	26°48	19°44	n.a.	T 19
W20	19 21 57	18°54'23	5♒32	4°52	9° 2	0♊12	19° 9	26°28	25°37	28°58	9°45	25°31	26°45	19°51	n.a.	W20
T 21	19 25 54	19°52'13	17°24	6°32	10°16	0°50	19°19	26°32	25°35	28°57	9°45	25°23	26°42	19°58	n.a.	T 21
F 22	19 29 50	20°50'05	29°13	8°11	11°30	1°28	19°28	26°36	25°33	28°56	9°45	25°17	26°39	20° 4	n.a.	F 22
S 23	19 33 47	21°47'58	11♓ 0	9°49	12°43	2° 6	19°38	26°40	25°31	28°55	9°45	25°14	26°35	20°11	n.a.	S 23
S 24	19 37 43	22°45'54	22°51	11°25	13°57	2°44	19°47	26°45	25°29	28°53	9°45	25°D13	26°32	20°18	n.a.	S 24
M25	19 41 40	23°43'51	4♈49	13° 0	15°11	3°22	19°57	26°49	25°27	28°52	9°45	25°13	26°29	20°24	n.a.	M25
T 26	19 45 36	24°41'50	16°59	14°34	16°25	4° 0	20° 6	26°53	25°25	28°51	9°44	25°14	26°26	20°31	n.a.	T 26
W27	19 49 33	25°39'52	29°26	16° 6	17°38	4°38	20°15	26°58	25°23	28°50	9°44	25°R14	26°23	20°38	n.a.	W27
T 28	19 53 29	26°37'55	12♉16	17°37	18°52	5°16	20°24	27° 2	25°21	28°48	9°44	25°13	26°19	20°44	n.a.	T 28
F 29	19 57 26	27°36'01	25°32	19° 7	20° 6	5°53	20°33	27° 7	25°19	28°47	9°44	25°10	26°16	20°51	n.a.	F 29
S 30	20 1 23	28°34'09	9♊17	20°35	21°20	6°31	20°42	27°12	25°17	28°46	9°44	25° 4	26°13	20°58	n.a.	S 30
S 31	20 5 19	29♋32'18	23♊31	22♌ 2	22♌33	7♊ 9	20♉51	27♍16	25♐15	28♒44	9♈43	24♍57	26♍10	21♒ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n46	13n33	3s50	25n17	1n32	24n14	1n24	17n12	0s12	16n 3	0s46	4n11	2n34	24s 4	0s21	13s13	1s26	10s41	15s54	0n53	0n54	12s34		n.a.
S 2	23 45	16 16	4 30	25 22	1 36	24 6	1 25	17 23	0 11	16 6	0 46	4 9	2 34	24 4	0 21	13 14	1 26	10 41	15 54	0 56	0 56	12 33		n.a.
S 3	23 44	18 4	4 54	25 24	1 40	23 57	1 26	17 35	0 11	16 9	0 46	4 8	2 33	24 4	0 21	13 14	1 26	10 41	15 54	1 0	0 57	12 32		n.a.
M 4	23 43	18 45	5 1	25 23	1 43	23 47	1 27	17 47	0 10	16 13	0 46	4 7	2 33	24 4	0 21	13 14	1 26	10 41	15 54	1 5	0 58	12 30		n.a.
T 5	23 41	18 11	4 47	25 20	1 45	23 36	1 27	17 58	0 9	16 16	0 46	4 6	2 33	24 4	0 21	13 15	1 26	10 41	15 55	1 9	0 59	12 29		n.a.
W 6	23 39	16 22	4 14	25 14	1 47	23 25	1 28	18 9	0 9	16 19	0 46	4 4	2 33	24 4	0 21	13 15	1 26	10 41	15 55	1 13	1 1	12 27		n.a.
T 7	23 36	13 27	3 23	25 6	1 48	23 13	1 29	18 20	0 8	16 22	0 46	4 3	2 32	24 4	0 21	13 15	1 26	10 42	15 55	1 16	1 2	12 26		n.a.
F 8	23 33	9 42	2 20	24 55	1 48	23 1	1 29	18 31	0 7	16 26	0 46	4 1	2 32	24 4	0 21	13 16	1 26	10 42	15 56	1 18	1 3	12 25		n.a.
S 9	23 30	5 26	1 8	24 43	1 48	22 48	1 29	18 42	0 6	16 29	0 46	4 0	2 32	24 4	0 21	13 16	1 26	10 42	15 56	1 19	1 5	12 23		n.a.
S 10	23 26	0 57	0n 6	24 28	1 47	22 34	1 30	18 53	0 6	16 32	0 46	3 59	2 32	24 4	0 21	13 16	1 26	10 42	15 56	1 19	1 6	12 22		n.a.
M11	23 22	3s29	1 19	24 11	1 46	22 19	1 30	19 3	0 5	16 35	0 46	3 57	2 31	24 4	0 21	13 17	1 26	10 42	15 57	1 19	1 7	12 20		n.a.
T 12	23 17	7 39	2 25	23 52	1 44	22 4	1 30	19 13	0 4	16 38	0 46	3 55	2 31	24 3	0 21	13 17	1 26	10 43	15 57	1 19	1 8	12 19		n.a.
W13	23 12	11 20	3 22	23 32	1 42	21 48	1 30	19 24	0 3	16 41	0 46	3 54	2 31	24 3	0 21	13 17	1 26	10 43	15 57	1 20	1 10	12 18		n.a.
T 14	23 6	14 23	4 8	23 10	1 39	21 32	1 30	19 33	0 3	16 44	0 46	3 52	2 31	24 3	0 21	13 18	1 26	10 43	15 58	1 22	1 11	12 16		n.a.
F 15	23 1	16 42	4 40	22 46	1 35	21 15	1 30	19 43	0 2	16 47	0 46	3 51	2 30	24 3	0 21	13 18	1 26	10 43	15 58	1 25	1 12	12 15		n.a.
S 16	22 54	18 10	4 58	22 21	1 31	20 57	1 30	19 53	0 1	16 50	0 46	3 49	2 30	24 3	0 21	13 19	1 27	10 44	15 58	1 29	1 13	12 13		n.a.
S 17	22 47	18 44	5 1	21 54	1 27	20 39	1 30	20 2	0 0	16 53	0 46	3 47	2 30	24 3	0 21	13 19	1 27	10 44	15 58	1 34	1 15	12 12		n.a.
M18	22 40	18 26	4 51	21 27	1 23	20 20	1 30	20 12	0n 0	16 55	0 46	3 46	2 30	24 3	0 21	13 20	1 27	10 44	15 59	1 39	1 16	12 10		n.a.
T 19	22 33	17 17	4 28	20 58	1 18	20 0	1 30	20 21	0 1	16 58	0 46	3 44	2 29	24 3	0 21	13 20	1 27	10 45	15 59	1 44	1 17	12 9		n.a.
W20	22 25	15 23	3 52	20 29	1 12	19 40	1 29	20 30	0 2	17 1	0 46	3 42	2 29	24 3	0 21	13 20	1 27	10 45	15 59	1 48	1 19	12 8		n.a.
T 21	22 16	12 51	3 7	19 58	1 7	19 20	1 29	20 39	0 3	17 4	0 46	3 40	2 29	24 3	0 21	13 21	1 27	10 45	16 0	1 51	1 20	12 6		n.a.
F 22	22 8	9 49	2 14	19 26	1 1	18 59	1 28	20 48	0 3	17 6	0 46	3 38	2 29	24 3	0 21	13 21	1 27	10 45	16 0	1 54	1 21	12 5		n.a.
S 23	21 58	6 23	1 15	18 54	0 54	18 37	1 28	20 56	0 4	17 9	0 46	3 36	2 29	24 3	0 21	13 22	1 27	10 46	16 0	1 55	1 22	12 3		n.a.
S 24	21 49	2 41	0 13	18 21	0 48	18 15	1 27	21 5	0 5	17 11	0 46	3 35	2 28	24 3	0 21	13 22	1 27	10 46	16 1	1 56	1 24	12 2		n.a.
M25	21 39	1n 9	0s51	17 48	0 41	17 53	1 26	21 13	0 6	17 14	0 46	3 33	2 28	24 3	0 21	13 23	1 27	10 46	16 1	1 55	1 25	12 0		n.a.
T 26	21 29	5 0	1 54	17 14	0 34	17 29	1 26	21 21	0 7	17 16	0 46	3 31	2 28	24 2	0 21	13 23	1 27	10 47	16 1	1 55	1 26	11 59		n.a.
W27	21 18	8 44	2 53	16 39	0 27	17 6	1 25	21 29	0 7	17 19	0 46	3 29	2 28	24 2	0 21	13 24	1 27	10 47	16 2	1 55	1 28	11 58		n.a.
T 28	21 7	12 10	3 45	16 4	0 19	16 42	1 24	21 36	0 8	17 21	0 46	3 27	2 28	24 2	0 21	13 24	1 27	10 47	16 2	1 56	1 29	11 56		n.a.
F 29	20 55	15 5	4 27	15 29	0 12	16 17	1 23	21 44	0 9	17 24	0 46	3 25	2 27	24 2	0 21	13 25	1 27	10 48	16 2	1 57	1 30	11 55		n.a.
S 30	20 44	17 17	4 55	14 53	0 4	15 52	1 22	21 51	0 10	17 26	0 46	3 23	2 27	24 2	0 21	13 25	1 27	10 48	16 2	1 59	1 31	11 53		n.a.
S 31	20n32	18n31	5s 6	14n17	0s 4	15n27	1n21	21n58	0n11	17n28	0s46	3n20	2n27	24s 2	0s21	13s26	1s27	10s49	16s 3	2n 2	1n33	11s52		n.a.

Julian Day Number = 1498801.5, Delta T = 05h08m36s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'28, Lahiri = -12°22'28 Julian Calendar 1 July 610 BCE == Greg. Calendar 24 June 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

AUGUST 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 9 16	0♌30'30	8♋12	23♌28	23♌47	7♊46	20♉59	27♍21	25°R13	28°R43	9°R43	24°R49	26♍ 7	21♒11	n.a.	M 1
T 2	20 13 12	1°28'44	23°12	24°52	25° 1	8°23	21° 8	27°26	25♐11	28♒41	9♈43	24♍41	26° 4	21°18	n.a.	T 2
W 3	20 17 9	2°27'00	8♌23	26°15	26°15	9° 1	21°16	27°31	25°10	28°40	9°42	24°33	26° 0	21°24	n.a.	W 3
T 4	20 21 5	3°25'17	23°34	27°36	27°28	9°38	21°24	27°36	25° 8	28°38	9°42	24°28	25°57	21°31	n.a.	T 4
F 5	20 25 2	4°23'37	8♍36	28°56	28°42	10°15	21°32	27°41	25° 6	28°37	9°42	24°25	25°54	21°38	n.a.	F 5
S 6	20 28 58	5°21'58	23°20	0♍14	29°56	10°52	21°40	27°46	25° 5	28°35	9°41	24°D24	25°51	21°44	n.a.	S 6
S 7	20 32 55	6°20'20	7♎42	1°31	1♍ 9	11°29	21°48	27°52	25° 3	28°34	9°41	24°25	25°48	21°51	n.a.	S 7
M 8	20 36 51	7°18'45	21°39	2°46	2°23	12° 6	21°55	27°57	25° 1	28°32	9°40	24°26	25°45	21°58	n.a.	M 8
T 9	20 40 48	8°17'11	5♏13	4° 0	3°37	12°42	22° 3	28° 2	25° 0	28°31	9°40	24°R26	25°41	22° 4	n.a.	T 9
W10	20 44 45	9°15'39	18°24	5°11	4°50	13°19	22°10	28° 8	24°58	28°29	9°40	24°26	25°38	22°11	n.a.	W10
T 11	20 48 41	10°14'08	1♐16	6°21	6° 4	13°56	22°17	28°13	24°57	28°28	9°39	24°24	25°35	22°18	n.a.	T 11
F 12	20 52 38	11°12'40	13°52	7°28	7°18	14°32	22°24	28°19	24°55	28°26	9°39	24°20	25°32	22°24	n.a.	F 12
S 13	20 56 34	12°11'13	26°15	8°34	8°31	15° 9	22°31	28°24	24°54	28°25	9°38	24°14	25°29	22°31	n.a.	S 13
S 14	21 0 31	13° 9'48	8♑27	9°37	9°45	15°45	22°38	28°30	24°53	28°23	9°37	24° 7	25°25	22°38	n.a.	S 14
M15	21 4 27	14° 8'25	20°30	10°38	10°58	16°21	22°44	28°35	24°51	28°21	9°37	24° 0	25°22	22°44	n.a.	M15
T 16	21 8 24	15° 7'04	2♒27	11°37	12°12	16°57	22°51	28°41	24°50	28°20	9°36	23°52	25°19	22°51	n.a.	T 16
W17	21 12 20	16° 5'45	14°20	12°32	13°26	17°33	22°57	28°47	24°49	28°18	9°36	23°46	25°16	22°58	n.a.	W17
T 18	21 16 17	17° 4'28	26° 9	13°25	14°39	18° 9	23° 3	28°53	24°48	28°17	9°35	23°41	25°13	23° 4	n.a.	T 18
F 19	21 20 14	18° 3'13	7♓58	14°15	15°53	18°45	23° 9	28°59	24°47	28°15	9°34	23°38	25°10	23°11	n.a.	F 19
S 20	21 24 10	19° 2'00	19°47	15° 1	17° 6	19°21	23°15	29° 5	24°45	28°13	9°34	23°D37	25° 6	23°18	n.a.	S 20
S 21	21 28 7	20° 0'49	1♈41	15°44	18°19	19°57	23°20	29°11	24°44	28°12	9°33	23°37	25° 3	23°24	n.a.	S 21
M22	21 32 3	20°59'41	13°42	16°22	19°33	20°32	23°26	29°17	24°43	28°10	9°32	23°38	25° 0	23°31	n.a.	M22
T 23	21 36 0	21°58'35	25°55	16°56	20°46	21° 8	23°31	29°23	24°42	28° 8	9°32	23°40	24°57	23°38	n.a.	T 23
W24	21 39 56	22°57'32	8♉22	17°26	22° 0	21°43	23°36	29°29	24°42	28° 7	9°31	23°42	24°54	23°44	n.a.	W24
T 25	21 43 53	23°56'31	21°10	17°51	23°13	22°18	23°41	29°35	24°41	28° 5	9°30	23°R42	24°51	23°51	n.a.	T 25
F 26	21 47 49	24°55'32	4♊20	18°10	24°27	22°54	23°46	29°41	24°40	28° 3	9°30	23°42	24°47	23°58	n.a.	F 26
S 27	21 51 46	25°54'36	17°57	18°23	25°40	23°29	23°50	29°47	24°39	28° 2	9°29	23°40	24°44	24° 4	n.a.	S 27
S 28	21 55 42	26°53'43	2♋ 2	18°30	26°53	24° 4	23°55	29°54	24°38	28° 0	9°28	23°38	24°41	24°11	n.a.	S 28
M29	21 59 39	27°52'52	16°33	18°R31	28° 7	24°39	23°59	29°59	24°38	27°58	9°27	23°34	24°38	24°18	n.a.	M29
T 30	22 3 36	28°52'03	1♌27	18°24	29°20	25°14	24° 3	0♎ 6	24°37	27°57	9°26	23°31	24°35	24°24	n.a.	T 30
W31	22 7 32	29♌51'16	16♌35	18♍10	0♎33	25♊48	24♉ 7	0♎13	24♐36	27♒55	9♈26	23♍28	24♍31	24♒31	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20n19	18n33	4s58	13n41	0s12	15n 1	1n19	22n 6	0n11	17n31	0s46	3n18	2n27	24s 2	0s21	13s26	1s27	10s49	16s 3	2n 5	1n34	11s50			n.a.
T 2	20 6	17 19	4 30	13 5	0 20	14 35	1 18	22 12	0 12	17 33	0 46	3 16	2 27	24 2	0 21	13 27	1 27	10 49	16 3	2 9	1 35	11 49			n.a.
W 3	19 53	14 51	3 42	12 29	0 29	14 8	1 17	22 19	0 13	17 35	0 46	3 14	2 26	24 2	0 21	13 27	1 27	10 50	16 4	2 11	1 36	11 47			n.a.
T 4	19 39	11 22	2 38	11 53	0 37	13 42	1 15	22 26	0 14	17 37	0 46	3 12	2 26	24 2	0 21	13 28	1 27	10 50	16 4	2 14	1 38	11 46			n.a.
F 5	19 25	7 10	1 24	11 17	0 46	13 14	1 14	22 32	0 15	17 39	0 46	3 10	2 26	24 2	0 21	13 29	1 27	10 51	16 4	2 15	1 39	11 45			n.a.
S 6	19 11	2 36	0 6	10 41	0 55	12 47	1 12	22 38	0 16	17 41	0 46	3 7	2 26	24 2	0 21	13 29	1 27	10 51	16 4	2 15	1 40	11 43			n.a.
S 7	18 57	2s 0	1n11	10 6	1 3	12 19	1 11	22 44	0 17	17 43	0 46	3 5	2 26	24 2	0 21	13 30	1 27	10 51	16 5	2 15	1 42	11 42			n.a.
M 8	18 42	6 22	2 22	9 31	1 12	11 50	1 9	22 50	0 17	17 45	0 46	3 3	2 25	24 2	0 21	13 30	1 27	10 52	16 5	2 15	1 43	11 40			n.a.
T 9	18 26	10 15	3 23	8 56	1 21	11 22	1 7	22 56	0 18	17 47	0 46	3 0	2 25	24 2	0 21	13 31	1 27	10 52	16 5	2 14	1 44	11 39			n.a.
W10	18 11	13 32	4 11	8 21	1 30	10 53	1 6	23 1	0 19	17 49	0 46	2 58	2 25	24 1	0 21	13 31	1 27	10 53	16 6	2 14	1 45	11 37			n.a.
T 11	17 55	16 3	4 45	7 47	1 38	10 24	1 4	23 7	0 20	17 51	0 46	2 56	2 25	24 1	0 21	13 32	1 27	10 53	16 6	2 15	1 47	11 36			n.a.
F 12	17 39	17 44	5 4	7 14	1 47	9 54	1 2	23 12	0 21	17 52	0 46	2 53	2 25	24 1	0 21	13 33	1 27	10 54	16 6	2 17	1 48	11 34			n.a.
S 13	17 22	18 34	5 9	6 41	1 56	9 25	1 0	23 17	0 22	17 54	0 46	2 51	2 25	24 1	0 21	13 33	1 27	10 54	16 6	2 19	1 49	11 33			n.a.
S 14	17 6	18 30	5 0	6 9	2 4	8 55	0 58	23 22	0 23	17 56	0 46	2 49	2 24	24 1	0 21	13 34	1 28	10 54	16 7	2 22	1 51	11 31			n.a.
M15	16 49	17 36	4 37	5 38	2 13	8 24	0 56	23 27	0 23	17 58	0 46	2 46	2 24	24 1	0 21	13 34	1 28	10 55	16 7	2 25	1 52	11 30			n.a.
T 16	16 31	15 56	4 3	5 8	2 22	7 54	0 54	23 31	0 24	17 59	0 46	2 44	2 24	24 1	0 21	13 35	1 28	10 55	16 7	2 28	1 53	11 28			n.a.
W17	16 14	13 36	3 18	4 38	2 30	7 23	0 51	23 36	0 25	18 1	0 46	2 41	2 24	24 1	0 21	13 35	1 28	10 56	16 7	2 30	1 54	11 27			n.a.
T 18	15 56	10 43	2 24	4 11	2 38	6 53	0 49	23 40	0 26	18 2	0 47	2 39	2 24	24 1	0 21	13 36	1 28	10 56	16 8	2 32	1 56	11 25			n.a.
F 19	15 38	7 24	1 25	3 44	2 46	6 22	0 47	23 44	0 27	18 4	0 47	2 36	2 24	24 1	0 21	13 37	1 28	10 57	16 8	2 34	1 57	11 24			n.a.
S 20	15 19	3 47	0 21	3 19	2 54	5 51	0 44	23 48	0 28	18 5	0 47	2 34	2 24	24 1	0 21	13 37	1 28	10 57	16 8	2 34	1 58	11 22			n.a.
S 21	15 1	0n 0	0s44	2 56	3 1	5 19	0 42	23 52	0 29	18 7	0 47	2 31	2 23	24 1	0 21	13 38	1 28	10 58	16 8	2 34	1 59	11 21			n.a.
M22	14 42	3 49	1 48	2 34	3 8	4 48	0 40	23 55	0 30	18 8	0 47	2 29	2 23	24 1	0 21	13 38	1 28	10 58	16 9	2 34	2 1	11 19			n.a.
T 23	14 22	7 32	2 48	2 15	3 15	4 16	0 37	23 59	0 31	18 9	0 47	2 26	2 23	24 1	0 21	13 39	1 28	10 59	16 9	2 33	2 2	11 18			n.a.
W24	14 3	11 0	3 41	1 57	3 21	3 45	0 35	24 2	0 32	18 11	0 47	2 24	2 23	24 1	0 21	13 40	1 28	10 59	16 9	2 32	2 3	11 16			n.a.
T 25	13 43	14 2	4 25	1 43	3 26	3 13	0 32	24 5	0 33	18 12	0 47	2 21	2 23	24 1	0 21	13 40	1 28	11 0	16 9	2 32	2 5	11 15			n.a.
F 26	13 23	16 26	4 57	1 31	3 31	2 41	0 29	24 8	0 34	18 13	0 47	2 18	2 23	24 1	0 21	13 41	1 28	11 0	16 9	2 32	2 6	11 14			n.a.
S 27	13 3	18 1	5 13	1 21	3 35	2 9	0 27	24 11	0 34	18 14	0 47	2 16	2 23	24 1	0 21	13 41	1 28	11 1	16 10	2 33	2 7	11 12			n.a.
S 28	12 43	18 34	5 11	1 16	3 39	1 37	0 24	24 13	0 35	18 15	0 47	2 13	2 23	24 1	0 21	13 42	1 28	11 1	16 10	2 34	2 8	11 11			n.a.
M29	12 22	17 56	4 50	1 13	3 41	1 5	0 21	24 16	0 36	18 16	0 47	2 10	2 22	24 0	0 21	13 43	1 28	11 2	16 10	2 35	2 10	11 9			n.a.
T 30	12 2	16 4	4 8	1 15	3 42	0 33	0 18	24 18	0 37	18 17	0 47	2 8	2 22	24 0	0 21	13 43	1 28	11 2	16 10	2 37	2 11	11 8			n.a.
W31	11n41	13n 4	3s 9	1n20	3s42	0n 1	0n15	24n20	0n38	18n18	0s47	2n 5	2n22	24s 0	0s21	13s44	1s28	11s 3	16s10	2n38	2n12	11s 6			n.a.

Julian Day Number = 1498832.5, Delta T = 05h08m35s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'24, Lahiri = -12°22'24 Julian Calendar 1 Aug. 610 BCE == Greg. Calendar 25 July 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

SEPTEMBER 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 11 29	0♍50'32	1♍49	17°R49	1♎47	26♊23	24♉11	0♎19	24°R36	27°R53	9°R25	23°R26	24♍28	24♒38	n.a.	T 1
F 2	22 15 25	1°49'50	16°59	17♍19	3° 0	26°57	24°14	0°26	24♐35	27♒52	9♈24	23°D24	24°25	24°44	n.a.	F 2
S 3	22 19 22	2°49'10	1♎55	16°42	4°13	27°32	24°18	0°32	24°35	27°50	9°23	23♍25	24°22	24°51	n.a.	S 3
S 4	22 23 18	3°48'31	16°30	15°56	5°26	28° 6	24°21	0°39	24°35	27°48	9°22	23°25	24°19	24°58	n.a.	S 4
M 5	22 27 15	4°47'55	0♏40	15° 4	6°40	28°40	24°24	0°45	24°34	27°47	9°21	23°27	24°16	25° 4	n.a.	M 5
T 6	22 31 11	5°47'21	14°23	14° 5	7°53	29°14	24°27	0°52	24°34	27°45	9°20	23°28	24°12	25°11	n.a.	T 6
W 7	22 35 8	6°46'49	27°41	13° 0	9° 6	29°48	24°29	0°59	24°34	27°43	9°19	23°29	24° 9	25°18	n.a.	W 7
T 8	22 39 5	7°46'18	10♐34	11°51	10°19	0♋22	24°32	1° 5	24°34	27°42	9°18	23°R29	24° 6	25°24	n.a.	T 8
F 9	22 43 1	8°45'50	23° 8	10°39	11°32	0°55	24°34	1°12	24°33	27°40	9°18	23°29	24° 3	25°31	n.a.	F 9
S 10	22 46 58	9°45'23	5♑25	9°27	12°45	1°29	24°36	1°19	24°33	27°38	9°17	23°27	24° 0	25°38	n.a.	S 10
S 11	22 50 54	10°44'58	17°30	8°16	13°58	2° 2	24°38	1°26	24°D33	27°37	9°16	23°26	23°56	25°44	n.a.	S 11
M12	22 54 51	11°44'36	29°27	7° 8	15°11	2°36	24°39	1°32	24°33	27°35	9°15	23°24	23°53	25°51	n.a.	M12
T 13	22 58 47	12°44'15	11♒18	6° 5	16°24	3° 9	24°41	1°39	24°33	27°34	9°14	23°22	23°50	25°58	n.a.	T 13
W14	23 2 44	13°43'56	23° 7	5°10	17°37	3°42	24°42	1°46	24°34	27°32	9°13	23°21	23°47	26° 4	n.a.	W14
T 15	23 6 40	14°43'39	4♓57	4°23	18°50	4°15	24°43	1°53	24°34	27°30	9°12	23°20	23°44	26°11	n.a.	T 15
F 16	23 10 37	15°43'24	16°48	3°47	20° 3	4°47	24°44	2° 0	24°34	27°29	9°11	23°19	23°41	26°18	n.a.	F 16
S 17	23 14 33	16°43'11	28°45	3°21	21°16	5°20	24°45	2° 7	24°34	27°27	9°10	23°D19	23°37	26°24	n.a.	S 17
S 18	23 18 30	17°43'01	10♈47	3° 6	22°29	5°53	24°45	2°14	24°35	27°26	9° 9	23°20	23°34	26°31	n.a.	S 18
M19	23 22 27	18°42'52	22°59	3°D 2	23°42	6°25	24°45	2°21	24°35	27°24	9° 7	23°20	23°31	26°38	n.a.	M19
T 20	23 26 23	19°42'46	5♉21	3°10	24°55	6°57	24°R45	2°27	24°35	27°23	9° 6	23°21	23°28	26°44	n.a.	T 20
W21	23 30 20	20°42'42	17°57	3°28	26° 7	7°29	24°45	2°34	24°36	27°21	9° 5	23°21	23°25	26°51	n.a.	W21
T 22	23 34 16	21°42'40	0♊48	3°56	27°20	8° 1	24°45	2°41	24°36	27°20	9° 4	23°21	23°22	26°58	n.a.	T 22
F 23	23 38 13	22°42'41	13°58	4°34	28°33	8°33	24°44	2°48	24°37	27°18	9° 3	23°21	23°18	27° 4	n.a.	F 23
S 24	23 42 9	23°42'44	27°29	5°20	29°45	9° 5	24°43	2°55	24°38	27°17	9° 2	23°21	23°15	27°11	n.a.	S 24
S 25	23 46 6	24°42'49	11♋21	6°14	0♏58	9°36	24°42	3° 3	24°38	27°15	9° 1	23°21	23°12	27°18	n.a.	S 25
M26	23 50 2	25°42'57	25°36	7°15	2°11	10° 7	24°41	3°10	24°39	27°14	9° 0	23°21	23° 9	27°24	n.a.	M26
T 27	23 53 59	26°43'07	10♌10	8°21	3°23	10°39	24°40	3°17	24°40	27°12	8°59	23°22	23° 6	27°31	n.a.	T 27
W28	23 57 56	27°43'19	25° 0	9°33	4°36	11°10	24°38	3°24	24°41	27°11	8°58	23°22	23° 2	27°38	n.a.	W28
T 29	0 1 52	28°43'33	10♍ 0	10°49	5°48	11°40	24°37	3°31	24°41	27°10	8°57	23°22	22°59	27°44	n.a.	T 29
F 30	0 5 49	29♍43'49	25♍ 1	12♍ 9	7♏ 1	12♋11	24♉35	3♎38	24♐42	27♒ 8	8♈56	23°R23	22♍56	27♒51	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n19	9n10	1s56	1n30	3s40	0s31	0n13	24n22	0n39	18n19	0s47	2n 2	2n22	24s 0	0s21	13s44	1s28	11s 3	16s11	2n39	2n14	11s 4		n.a.
F 2	10 58	4 40	0 35	1 45	3 37	1 4	0 10	24 24	0 40	18 20	0 47	2 0	2 22	24 0	0 21	13 45	1 28	11 4	16 11	2 39	2 15	11 3		n.a.
S 3	10 36	0s 3	0n47	2 4	3 33	1 36	0 7	24 26	0 41	18 21	0 47	1 57	2 22	24 0	0 21	13 46	1 28	11 4	16 11	2 39	2 16	11 1		n.a.
S 4	10 15	4 40	2 4	2 27	3 26	2 8	0 4	24 27	0 42	18 21	0 47	1 54	2 22	24 0	0 21	13 46	1 28	11 5	16 11	2 39	2 17	11 0		n.a.
M 5	9 53	8 52	3 12	2 56	3 18	2 40	0 1	24 29	0 43	18 22	0 47	1 51	2 22	24 0	0 21	13 47	1 28	11 5	16 11	2 38	2 19	10 58		n.a.
T 6	9 31	12 28	4 6	3 28	3 7	3 12	0s 2	24 30	0 44	18 23	0 47	1 49	2 22	24 0	0 21	13 47	1 28	11 6	16 12	2 38	2 20	10 57		n.a.
W 7	9 9	15 17	4 45	4 5	2 55	3 44	0 5	24 31	0 45	18 23	0 47	1 46	2 22	24 0	0 21	13 48	1 28	11 6	16 12	2 37	2 21	10 55		n.a.
T 8	8 46	17 15	5 9	4 45	2 40	4 16	0 8	24 32	0 46	18 24	0 47	1 43	2 21	24 0	0 21	13 48	1 28	11 7	16 12	2 37	2 22	10 54		n.a.
F 9	8 24	18 19	5 17	5 27	2 24	4 48	0 11	24 33	0 47	18 24	0 47	1 40	2 21	24 0	0 21	13 49	1 28	11 7	16 12	2 37	2 24	10 52		n.a.
S 10	8 1	18 30	5 10	6 11	2 7	5 20	0 14	24 34	0 48	18 25	0 47	1 38	2 21	24 0	0 21	13 50	1 28	11 8	16 12	2 38	2 25	10 51		n.a.
S 11	7 38	17 49	4 49	6 55	1 48	5 51	0 18	24 34	0 49	18 25	0 47	1 35	2 21	24 0	0 21	13 50	1 28	11 8	16 12	2 39	2 26	10 49		n.a.
M12	7 15	16 22	4 16	7 39	1 28	6 23	0 21	24 35	0 51	18 26	0 47	1 32	2 21	24 0	0 21	13 51	1 28	11 9	16 12	2 39	2 28	10 48		n.a.
T 13	6 52	14 13	3 33	8 21	1 7	6 54	0 24	24 35	0 52	18 26	0 47	1 29	2 21	24 0	0 21	13 51	1 28	11 9	16 13	2 40	2 29	10 46		n.a.
W14	6 29	11 29	2 40	9 1	0 47	7 25	0 27	24 35	0 53	18 26	0 47	1 26	2 21	24 0	0 21	13 52	1 28	11 10	16 13	2 41	2 30	10 45		n.a.
T 15	6 6	8 16	1 40	9 37	0 27	7 57	0 30	24 36	0 54	18 26	0 47	1 23	2 21	24 0	0 21	13 52	1 28	11 10	16 13	2 41	2 31	10 43		n.a.
F 16	5 42	4 43	0 36	10 9	0 7	8 27	0 33	24 35	0 55	18 27	0 47	1 21	2 21	24 0	0 21	13 53	1 28	11 11	16 13	2 41	2 33	10 42		n.a.
S 17	5 19	0 58	0s30	10 36	0n11	8 58	0 37	24 35	0 56	18 27	0 47	1 18	2 21	24 0	0 21	13 53	1 28	11 11	16 13	2 41	2 34	10 40		n.a.
S 18	4 55	2n52	1 36	10 57	0 29	9 29	0 40	24 35	0 57	18 27	0 47	1 15	2 21	24 0	0 21	13 54	1 28	11 12	16 13	2 41	2 35	10 39		n.a.
M19	4 31	6 37	2 38	11 14	0 45	9 59	0 43	24 35	0 58	18 27	0 47	1 12	2 21	24 0	0 21	13 55	1 28	11 12	16 13	2 41	2 36	10 37		n.a.
T 20	4 8	10 8	3 33	11 24	1 0	10 29	0 46	24 34	0 59	18 27	0 47	1 9	2 21	24 0	0 21	13 55	1 28	11 13	16 13	2 41	2 38	10 36		n.a.
W21	3 44	13 16	4 19	11 30	1 13	10 59	0 49	24 33	1 0	18 27	0 48	1 6	2 21	24 0	0 21	13 56	1 28	11 13	16 13	2 40	2 39	10 34		n.a.
T 22	3 20	15 48	4 54	11 30	1 24	11 29	0 52	24 33	1 2	18 27	0 48	1 4	2 21	24 0	0 21	13 56	1 28	11 14	16 14	2 40	2 40	10 32		n.a.
F 23	2 56	17 36	5 14	11 26	1 34	11 58	0 56	24 32	1 3	18 27	0 48	1 1	2 20	24 0	0 21	13 57	1 28	11 14	16 14	2 40	2 42	10 31		n.a.
S 24	2 32	18 27	5 17	11 16	1 43	12 27	0 59	24 31	1 4	18 26	0 48	0 58	2 20	24 0	0 21	13 57	1 28	11 15	16 14	2 40	2 43	10 29		n.a.
S 25	2 8	18 15	5 3	11 3	1 50	12 56	1 2	24 30	1 5	18 26	0 48	0 55	2 20	24 0	0 21	13 58	1 28	11 15	16 14	2 40	2 44	10 28		n.a.
M26	1 44	16 54	4 29	10 45	1 56	13 24	1 5	24 28	1 6	18 26	0 48	0 52	2 20	24 0	0 21	13 58	1 28	11 16	16 14	2 40	2 45	10 26		n.a.
T 27	1 19	14 26	3 38	10 24	2 0	13 53	1 8	24 27	1 7	18 26	0 48	0 49	2 20	24 0	0 21	13 59	1 28	11 16	16 14	2 40	2 47	10 25		n.a.
W28	0 55	10 59	2 31	10 0	2 3	14 21	1 11	24 26	1 9	18 25	0 48	0 46	2 20	24 0	0 21	13 59	1 28	11 17	16 14	2 40	2 48	10 23		n.a.
T 29	0 31	6 47	1 14	9 32	2 6	14 48	1 14	24 24	1 10	18 25	0 48	0 44	2 20	24 0	0 21	13 59	1 28	11 17	16 14	2 40	2 49	10 22		n.a.
F 30	0n 7	2n 9	0n 9	9n 3	2n 7	15s15	1s17	24n23	1n11	18n24	0s48	0n41	2n20	24s 0	0s21	14s 0	1s28	11s18	16s14	2n40	2n50	10s20		n.a.

Julian Day Number = 1498863.5, Delta T = 05h08m33s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'20, Lahiri = -12°22'20 Julian Calendar 1 Sept. 610 BCE == Greg. Calendar 25 Aug. 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

OCTOBER 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 9 45	0♎44'07	9♎54	13♍33	8♏13	12♋42	24°R32	3♎45	24♐43	27°R 7	8°R54	23°R22	22♍53	27♒57	n.a.	S 1
S 2	0 13 42	1°44'27	24°33	14°59	9°26	13°12	24♉30	3°52	24°44	27♒ 6	8♈53	23♍22	22°50	28° 4	n.a.	S 2
M 3	0 17 38	2°44'49	8♏50	16°27	10°38	13°42	24°28	3°59	24°46	27° 4	8°52	23°21	22°47	28°11	n.a.	M 3
T 4	0 21 35	3°45'12	22°42	17°57	11°50	14°12	24°25	4° 6	24°47	27° 3	8°51	23°19	22°43	28°17	n.a.	T 4
W 5	0 25 31	4°45'37	6♐ 8	19°29	13° 3	14°42	24°22	4°13	24°48	27° 2	8°50	23°18	22°40	28°24	n.a.	W 5
T 6	0 29 28	5°46'04	19° 7	21° 2	14°15	15°11	24°19	4°20	24°49	27° 1	8°49	23°17	22°37	28°31	n.a.	T 6
F 7	0 33 24	6°46'32	1♑45	22°36	15°27	15°41	24°15	4°27	24°50	26°59	8°48	23°D16	22°34	28°37	n.a.	F 7
S 8	0 37 21	7°47'01	14° 3	24°10	16°39	16°10	24°12	4°35	24°52	26°58	8°46	23°16	22°31	28°44	n.a.	S 8
S 9	0 41 18	8°47'32	26° 6	25°46	17°51	16°39	24° 8	4°42	24°53	26°57	8°45	23°17	22°27	28°51	n.a.	S 9
M10	0 45 14	9°48'04	8♒ 0	27°21	19° 3	17° 8	24° 4	4°49	24°55	26°56	8°44	23°18	22°24	28°57	n.a.	M10
T 11	0 49 11	10°48'38	19°49	28°57	20°15	17°36	24° 0	4°56	24°56	26°55	8°43	23°20	22°21	29° 4	n.a.	T 11
W12	0 53 7	11°49'13	1♓38	0♎33	21°27	18° 5	23°56	5° 3	24°58	26°54	8°42	23°21	22°18	29°11	n.a.	W12
T 13	0 57 4	12°49'50	13°29	2° 9	22°39	18°33	23°51	5°10	24°59	26°53	8°41	23°23	22°15	29°17	n.a.	T 13
F 14	1 1 0	13°50'28	25°26	3°46	23°51	19° 1	23°47	5°17	25° 1	26°52	8°40	23°R23	22°12	29°24	n.a.	F 14
S 15	1 4 57	14°51'08	7♈32	5°22	25° 3	19°28	23°42	5°24	25° 2	26°51	8°39	23°22	22° 8	29°31	n.a.	S 15
S 16	1 8 53	15°51'49	19°48	6°58	26°14	19°56	23°37	5°31	25° 4	26°50	8°37	23°20	22° 5	29°37	n.a.	S 16
M17	1 12 50	16°52'32	2♉16	8°34	27°26	20°23	23°32	5°38	25° 6	26°49	8°36	23°17	22° 2	29°44	n.a.	M17
T 18	1 16 47	17°53'16	14°56	10°10	28°38	20°50	23°27	5°45	25° 8	26°48	8°35	23°13	21°59	29°51	n.a.	T 18
W19	1 20 43	18°54'02	27°49	11°46	29°49	21°17	23°21	5°52	25°10	26°47	8°34	23° 9	21°56	29°57	n.a.	W19
T 20	1 24 40	19°54'50	10♊56	13°22	1♐ 1	21°43	23°15	5°59	25°11	26°46	8°33	23° 5	21°53	0♓ 4	n.a.	T 20
F 21	1 28 36	20°55'39	24°16	14°58	2°12	22°10	23°10	6° 6	25°13	26°45	8°32	23° 2	21°49	0°11	n.a.	F 21
S 22	1 32 33	21°56'30	7♋50	16°33	3°23	22°36	23° 4	6°13	25°15	26°45	8°31	22°59	21°46	0°17	n.a.	S 22
S 23	1 36 29	22°57'22	21°37	18° 8	4°34	23° 2	22°58	6°20	25°17	26°44	8°30	22°D59	21°43	0°24	n.a.	S 23
M24	1 40 26	23°58'16	5♌39	19°44	5°46	23°27	22°51	6°27	25°20	26°43	8°29	22°59	21°40	0°31	n.a.	M24
T 25	1 44 22	24°59'12	19°53	21°19	6°57	23°52	22°45	6°33	25°22	26°42	8°27	23° 0	21°37	0°37	n.a.	T 25
W26	1 48 19	26° 0'09	4♍19	22°54	8° 8	24°17	22°39	6°40	25°24	26°42	8°26	23° 2	21°33	0°44	n.a.	W26
T 27	1 52 16	27° 1'08	18°52	24°28	9°19	24°42	22°32	6°47	25°26	26°41	8°25	23°R 3	21°30	0°51	n.a.	T 27
F 28	1 56 12	28° 2'08	3♎30	26° 3	10°29	25° 6	22°25	6°54	25°28	26°40	8°24	23° 3	21°27	0°57	n.a.	F 28
S 29	2 0 9	29° 3'09	18° 4	27°38	11°40	25°30	22°18	7° 1	25°30	26°40	8°23	23° 0	21°24	1° 4	n.a.	S 29
S 30	2 4 5	0♏ 4'12	2♏30	29°12	12°51	25°54	22°11	7° 7	25°33	26°39	8°22	22°56	21°21	1°11	n.a.	S 30
M31	2 8 2	1♏ 5'15	16♏41	0♏47	14♐ 1	26♋18	22♉ 4	7♎14	25♐35	26♒39	8♈21	22♍51	21♍18	1♓17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s18	2s35	1n31	8n30	2n 7	15s42	1s20	24n21	1n12	18n24	0s48	0n38	2n20	24s 0	0s21	14s 0	1s28	11s18	16s14	2n40	2n52	10s19		n.a.
S 2	0 42	7 5	2 45	7 56	2 7	16 9	1 23	24 19	1 13	18 23	0 48	0 35	2 20	24 0	0 21	14 1	1 28	11 18	16 14	2 40	2 53	10 17		n.a.
M 3	1 6	11 4	3 47	7 20	2 5	16 35	1 26	24 17	1 15	18 22	0 48	0 32	2 20	24 0	0 21	14 1	1 27	11 19	16 14	2 41	2 54	10 15		n.a.
T 4	1 31	14 18	4 33	6 43	2 4	17 0	1 29	24 15	1 16	18 22	0 48	0 29	2 20	24 1	0 21	14 2	1 27	11 19	16 14	2 41	2 56	10 14		n.a.
W 5	1 55	16 39	5 3	6 4	2 1	17 25	1 32	24 13	1 17	18 21	0 48	0 26	2 20	24 1	0 21	14 2	1 27	11 20	16 14	2 42	2 57	10 12		n.a.
T 6	2 19	18 3	5 16	5 24	1 58	17 50	1 35	24 11	1 18	18 20	0 48	0 24	2 20	24 1	0 21	14 3	1 27	11 20	16 14	2 42	2 58	10 11		n.a.
F 7	2 44	18 32	5 14	4 44	1 54	18 15	1 38	24 9	1 20	18 19	0 48	0 21	2 20	24 1	0 21	14 3	1 27	11 21	16 14	2 42	2 59	10 9		n.a.
S 8	3 8	18 6	4 57	4 2	1 50	18 39	1 40	24 7	1 21	18 19	0 48	0 18	2 20	24 1	0 21	14 3	1 27	11 21	16 14	2 42	3 1	10 8		n.a.
S 9	3 32	16 51	4 27	3 20	1 46	19 2	1 43	24 5	1 22	18 18	0 48	0 15	2 20	24 1	0 21	14 4	1 27	11 22	16 14	2 42	3 2	10 6		n.a.
M10	3 56	14 53	3 46	2 37	1 41	19 25	1 46	24 2	1 24	18 17	0 48	0 12	2 20	24 1	0 21	14 4	1 27	11 22	16 14	2 42	3 3	10 4		n.a.
T 11	4 20	12 18	2 55	1 54	1 36	19 47	1 48	24 0	1 25	18 16	0 48	0 9	2 20	24 1	0 21	14 4	1 27	11 22	16 14	2 41	3 4	10 3		n.a.
W12	4 44	9 13	1 58	1 10	1 31	20 9	1 51	23 57	1 26	18 15	0 48	0 7	2 20	24 1	0 21	14 5	1 27	11 23	16 14	2 40	3 6	10 1		n.a.
T 13	5 8	5 45	0 55	0 26	1 26	20 31	1 53	23 55	1 28	18 14	0 48	0 4	2 20	24 1	0 21	14 5	1 27	11 23	16 14	2 40	3 7	10 0		n.a.
F 14	5 32	2 1	0s11	0s18	1 20	20 52	1 56	23 52	1 29	18 12	0 47	0 1	2 20	24 1	0 21	14 5	1 27	11 24	16 14	2 40	3 8	9 58		n.a.
S 15	5 56	1n51	1 17	1 2	1 14	21 12	1 58	23 49	1 31	18 11	0 47	0s 2	2 20	24 1	0 21	14 6	1 27	11 24	16 14	2 40	3 10	9 57		n.a.
S 16	6 19	5 41	2 21	1 46	1 8	21 32	2 1	23 47	1 32	18 10	0 47	0 5	2 20	24 1	0 21	14 6	1 27	11 24	16 14	2 41	3 11	9 55		n.a.
M17	6 43	9 20	3 18	2 30	1 2	21 51	2 3	23 44	1 33	18 9	0 47	0 7	2 21	24 1	0 21	14 6	1 27	11 25	16 14	2 42	3 12	9 53		n.a.
T 18	7 7	12 36	4 7	3 14	0 55	22 9	2 5	23 41	1 35	18 7	0 47	0 10	2 21	24 1	0 21	14 7	1 27	11 25	16 14	2 44	3 13	9 52		n.a.
W19	7 30	15 20	4 44	3 58	0 49	22 27	2 7	23 38	1 36	18 6	0 47	0 13	2 21	24 1	0 21	14 7	1 27	11 26	16 14	2 45	3 15	9 50		n.a.
T 20	7 53	17 20	5 7	4 42	0 43	22 45	2 9	23 36	1 38	18 5	0 47	0 16	2 21	24 1	0 21	14 7	1 27	11 26	16 13	2 47	3 16	9 49		n.a.
F 21	8 17	18 25	5 14	5 25	0 36	23 2	2 11	23 33	1 39	18 3	0 47	0 18	2 21	24 1	0 21	14 7	1 27	11 26	16 13	2 48	3 17	9 47		n.a.
S 22	8 40	18 29	5 3	6 8	0 29	23 18	2 13	23 30	1 41	18 2	0 47	0 21	2 21	24 1	0 21	14 8	1 27	11 27	16 13	2 49	3 18	9 45		n.a.
S 23	9 3	17 28	4 36	6 51	0 23	23 33	2 15	23 27	1 42	18 0	0 47	0 24	2 21	24 2	0 21	14 8	1 27	11 27	16 13	2 49	3 20	9 44		n.a.
M24	9 25	15 23	3 51	7 34	0 16	23 48	2 17	23 24	1 44	17 59	0 47	0 26	2 21	24 2	0 21	14 8	1 27	11 27	16 13	2 49	3 21	9 42		n.a.
T 25	9 48	12 20	2 52	8 16	0 10	24 2	2 18	23 21	1 45	17 57	0 47	0 29	2 21	24 2	0 21	14 8	1 27	11 28	16 13	2 49	3 22	9 41		n.a.
W26	10 11	8 30	1 41	8 58	0 3	24 16	2 20	23 18	1 47	17 56	0 47	0 32	2 21	24 2	0 21	14 9	1 27	11 28	16 13	2 48	3 24	9 39		n.a.
T 27	10 33	4 7	0 23	9 40	0s 4	24 29	2 22	23 15	1 48	17 54	0 47	0 34	2 21	24 2	0 21	14 9	1 27	11 28	16 13	2 48	3 25	9 37		n.a.
F 28	10 55	0s32	0n57	10 21	0 10	24 41	2 23	23 12	1 50	17 52	0 47	0 37	2 21	24 2	0 21	14 9	1 27	11 28	16 13	2 48	3 26	9 36		n.a.
S 29	11 17	5 9	2 12	11 2	0 17	24 53	2 24	23 9	1 52	17 51	0 47	0 40	2 21	24 2	0 21	14 9	1 27	11 29	16 12	2 49	3 27	9 34		n.a.
S 30	11 39	9 24	3 19	11 42	0 23	25 3	2 26	23 7	1 53	17 49	0 47	0 42	2 21	24 2	0 21	14 9	1 27	11 29	16 12	2 50	3 29	9 33		n.a.
M31	12s 1	13s 3	4n11	12s22	0s29	25s13	2s27	23n 4	1n55	17n47	0s47	0s45	2n21	24s 2	0s21	14s 9	1s27	11s29	16s12	2n53	3n30	9s31		n.a.

Julian Day Number = 1498893.5, Delta T = 05h08m32s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'16, Lahiri = -12°22'15 Julian Calendar 1 Oct. 610 BCE == Greg. Calendar 24 Sept. 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

NOVEMBER 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 11 58	2♏ 6'20	0♐32	2♏21	15♐12	26♋41	21°R57	7♎21	25♐38	26°R38	8°R20	22°R44	21♍14	1♓24	n.a.	T 1
W 2	2 15 55	3° 7'25	14° 0	3°55	16°22	27° 4	21♉50	7°27	25°40	26♒38	8♈19	22♍37	21°11	1°30	n.a.	W 2
T 3	2 19 51	4° 8'32	27° 4	5°30	17°33	27°26	21°42	7°34	25°42	26°37	8°18	22°31	21° 8	1°37	n.a.	T 3
F 4	2 23 48	5° 9'38	9♑45	7° 4	18°43	27°48	21°35	7°40	25°45	26°37	8°17	22°26	21° 5	1°44	n.a.	F 4
S 5	2 27 45	6°10'46	22° 6	8°38	19°53	28°10	21°27	7°47	25°48	26°37	8°16	22°23	21° 2	1°50	n.a.	S 5
S 6	2 31 41	7°11'54	4♒11	10°13	21° 3	28°31	21°19	7°54	25°50	26°36	8°15	22°D21	20°59	1°57	n.a.	S 6
M 7	2 35 38	8°13'03	16° 5	11°47	22°13	28°52	21°12	8° 0	25°53	26°36	8°14	22°22	20°55	2° 4	n.a.	M 7
T 8	2 39 34	9°14'12	27°54	13°22	23°23	29°13	21° 4	8° 6	25°55	26°36	8°13	22°23	20°52	2°10	n.a.	T 8
W 9	2 43 31	10°15'22	9♓42	14°56	24°32	29°33	20°56	8°13	25°58	26°36	8°12	22°24	20°49	2°17	n.a.	W 9
T 10	2 47 27	11°16'32	21°35	16°31	25°42	29°53	20°48	8°19	26° 1	26°35	8°11	22°R25	20°46	2°24	n.a.	T 10
F 11	2 51 24	12°17'42	3♈37	18° 5	26°51	0♌13	20°40	8°25	26° 4	26°35	8°10	22°24	20°43	2°30	n.a.	F 11
S 12	2 55 20	13°18'53	15°51	19°40	28° 0	0°32	20°32	8°32	26° 6	26°35	8° 9	22°22	20°39	2°37	n.a.	S 12
S 13	2 59 17	14°20'05	28°21	21°15	29° 9	0°51	20°24	8°38	26° 9	26°35	8° 9	22°16	20°36	2°44	n.a.	S 13
M14	3 3 14	15°21'17	11♉ 7	22°50	0♑18	1° 9	20°16	8°44	26°12	26°35	8° 8	22° 9	20°33	2°50	n.a.	M14
T 15	3 7 10	16°22'30	24°10	24°25	1°27	1°27	20° 8	8°50	26°15	26°D35	8° 7	21°59	20°30	2°57	n.a.	T 15
W16	3 11 7	17°23'43	7♊28	26° 0	2°35	1°45	19°59	8°56	26°18	26°35	8° 6	21°49	20°27	3° 4	n.a.	W16
T 17	3 15 3	18°24'56	20°59	27°35	3°44	2° 2	19°51	9° 2	26°21	26°35	8° 5	21°39	20°24	3°10	n.a.	T 17
F 18	3 19 0	19°26'10	4♋41	29°11	4°52	2°18	19°43	9° 8	26°24	26°35	8° 4	21°31	20°20	3°17	n.a.	F 18
S 19	3 22 56	20°27'25	18°31	0♐46	6° 0	2°34	19°35	9°14	26°27	26°35	8° 3	21°24	20°17	3°24	n.a.	S 19
S 20	3 26 53	21°28'41	2♌28	2°22	7° 8	2°50	19°27	9°20	26°30	26°36	8° 3	21°20	20°14	3°30	n.a.	S 20
M21	3 30 49	22°29'57	16°29	3°57	8°16	3° 5	19°19	9°26	26°33	26°36	8° 2	21°18	20°11	3°37	n.a.	M21
T 22	3 34 46	23°31'13	0♍33	5°32	9°23	3°20	19°11	9°32	26°36	26°36	8° 1	21°D18	20° 8	3°44	n.a.	T 22
W23	3 38 43	24°32'30	14°41	7° 7	10°31	3°34	19° 2	9°37	26°39	26°36	8° 0	21°R19	20° 4	3°50	n.a.	W23
T 24	3 42 39	25°33'47	28°50	8°42	11°38	3°48	18°54	9°43	26°42	26°37	8° 0	21°19	20° 1	3°57	n.a.	T 24
F 25	3 46 36	26°35'05	13♎ 0	10°17	12°45	4° 1	18°46	9°49	26°45	26°37	7°59	21°17	19°58	4° 3	n.a.	F 25
S 26	3 50 32	27°36'23	27° 6	11°51	13°51	4°13	18°38	9°54	26°48	26°37	7°58	21°12	19°55	4°10	n.a.	S 26
S 27	3 54 29	28°37'41	11♏ 7	13°25	14°58	4°25	18°30	10° 0	26°52	26°38	7°58	21° 5	19°52	4°17	n.a.	S 27
M28	3 58 25	29°38'59	24°58	14°58	16° 4	4°37	18°23	10° 5	26°55	26°38	7°57	20°54	19°49	4°23	n.a.	M28
T 29	4 2 22	0♐40'18	8♐34	16°30	17°10	4°47	18°15	10°10	26°58	26°39	7°56	20°42	19°45	4°30	n.a.	T 29
W30	4 6 18	1♐41'36	21♐52	18♐ 2	18♑16	4♌58	18♉ 7	10♎16	27♐ 1	26♒39	7♈56	20♍30	19♍42	4♓37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s22	15s51	4n47	13s 1	0s36	25s23	2s28	23n 1	1n57	17n45	0s47	0s48	2n21	24s 2	0s21	14s10	1s27	11s30	16s12	2n55	3n31	9s29		n.a.
W 2	12 43	17 43	5 7	13 39	0 42	25 32	2 29	22 58	1 58	17 43	0 46	0 50	2 22	24 2	0 21	14 10	1 27	11 30	16 12	2 58	3 32	9 28		n.a.
T 3	13 4	18 35	5 9	14 17	0 48	25 39	2 30	22 55	2 0	17 42	0 46	0 53	2 22	24 2	0 21	14 10	1 27	11 30	16 12	3 1	3 34	9 26		n.a.
F 4	13 25	18 29	4 56	14 54	0 54	25 47	2 31	22 52	2 2	17 40	0 46	0 55	2 22	24 2	0 21	14 10	1 26	11 30	16 12	3 3	3 35	9 25		n.a.
S 5	13 46	17 29	4 30	15 31	1 0	25 53	2 31	22 49	2 3	17 38	0 46	0 58	2 22	24 2	0 21	14 10	1 26	11 30	16 11	3 4	3 36	9 23		n.a.
S 6	14 6	15 44	3 52	16 7	1 5	25 59	2 32	22 47	2 5	17 36	0 46	1 0	2 22	24 3	0 21	14 10	1 26	11 31	16 11	3 4	3 37	9 21		n.a.
M 7	14 26	13 18	3 4	16 42	1 11	26 4	2 32	22 44	2 7	17 34	0 46	1 3	2 22	24 3	0 21	14 10	1 26	11 31	16 11	3 4	3 39	9 20		n.a.
T 8	14 46	10 21	2 9	17 17	1 16	26 8	2 33	22 41	2 9	17 32	0 46	1 5	2 22	24 3	0 21	14 10	1 26	11 31	16 11	3 4	3 40	9 18		n.a.
W 9	15 6	6 59	1 8	17 50	1 22	26 12	2 33	22 39	2 11	17 30	0 46	1 8	2 22	24 3	0 21	14 10	1 26	11 31	16 11	3 3	3 41	9 16		n.a.
T 10	15 25	3 19	0 5	18 23	1 27	26 15	2 33	22 36	2 12	17 28	0 46	1 10	2 22	24 3	0 21	14 10	1 26	11 31	16 10	3 3	3 43	9 15		n.a.
F 11	15 44	0n32	1s 0	18 55	1 32	26 17	2 33	22 34	2 14	17 26	0 46	1 12	2 23	24 3	0 21	14 10	1 26	11 32	16 10	3 3	3 44	9 13		n.a.
S 12	16 3	4 26	2 3	19 26	1 36	26 18	2 33	22 31	2 16	17 24	0 45	1 15	2 23	24 3	0 21	14 10	1 26	11 32	16 10	3 4	3 45	9 12		n.a.
S 13	16 21	8 13	3 1	19 56	1 41	26 18	2 33	22 29	2 18	17 22	0 45	1 17	2 23	24 3	0 21	14 10	1 26	11 32	16 10	3 6	3 46	9 10		n.a.
M14	16 40	11 43	3 51	20 25	1 45	26 18	2 32	22 27	2 20	17 20	0 45	1 19	2 23	24 3	0 21	14 10	1 26	11 32	16 9	3 9	3 48	9 8		n.a.
T 15	16 58	14 42	4 30	20 53	1 49	26 17	2 32	22 25	2 22	17 18	0 45	1 22	2 23	24 3	0 21	14 10	1 26	11 32	16 9	3 13	3 49	9 7		n.a.
W16	17 15	16 59	4 56	21 20	1 53	26 16	2 31	22 23	2 24	17 16	0 45	1 24	2 23	24 3	0 21	14 10	1 26	11 32	16 9	3 17	3 50	9 5		n.a.
T 17	17 33	18 23	5 5	21 46	1 56	26 13	2 31	22 20	2 26	17 14	0 45	1 26	2 23	24 3	0 21	14 10	1 26	11 32	16 9	3 21	3 51	9 3		n.a.
F 18	17 50	18 44	4 57	22 11	1 59	26 10	2 30	22 19	2 28	17 11	0 45	1 29	2 23	24 3	0 21	14 10	1 26	11 33	16 9	3 25	3 53	9 2		n.a.
S 19	18 6	17 59	4 32	22 35	2 2	26 6	2 29	22 17	2 30	17 9	0 44	1 31	2 24	24 4	0 21	14 10	1 26	11 33	16 8	3 27	3 54	9 0		n.a.
S 20	18 23	16 8	3 50	22 57	2 4	26 2	2 28	22 15	2 32	17 7	0 44	1 33	2 24	24 4	0 21	14 10	1 26	11 33	16 8	3 29	3 55	8 59		n.a.
M21	18 39	13 20	2 55	23 18	2 6	25 56	2 26	22 13	2 34	17 5	0 44	1 35	2 24	24 4	0 21	14 10	1 26	11 33	16 8	3 30	3 56	8 57		n.a.
T 22	18 54	9 44	1 49	23 37	2 8	25 50	2 25	22 12	2 36	17 3	0 44	1 37	2 24	24 4	0 21	14 10	1 26	11 33	16 8	3 30	3 58	8 55		n.a.
W23	19 10	5 34	0 35	23 55	2 9	25 44	2 24	22 11	2 38	17 1	0 44	1 39	2 24	24 4	0 21	14 9	1 26	11 33	16 7	3 29	3 59	8 54		n.a.
T 24	19 25	1 5	0n40	24 12	2 10	25 36	2 22	22 9	2 40	16 59	0 44	1 42	2 24	24 4	0 21	14 9	1 26	11 33	16 7	3 29	4 0	8 52		n.a.
F 25	19 39	3s28	1 53	24 26	2 10	25 28	2 20	22 8	2 42	16 57	0 43	1 44	2 24	24 4	0 21	14 9	1 26	11 33	16 7	3 30	4 2	8 50		n.a.
S 26	19 54	7 49	2 58	24 40	2 10	25 19	2 18	22 7	2 44	16 55	0 43	1 46	2 25	24 4	0 21	14 9	1 26	11 33	16 6	3 32	4 3	8 49		n.a.
S 27	20 8	11 41	3 53	24 51	2 9	25 10	2 16	22 7	2 46	16 53	0 43	1 48	2 25	24 4	0 21	14 9	1 26	11 33	16 6	3 35	4 4	8 47		n.a.
M28	20 21	14 52	4 32	25 1	2 8	25 0	2 14	22 6	2 49	16 51	0 43	1 50	2 25	24 4	0 21	14 9	1 26	11 33	16 6	3 39	4 5	8 45		n.a.
T 29	20 34	17 10	4 55	25 9	2 6	24 49	2 12	22 5	2 51	16 49	0 43	1 52	2 25	24 4	0 21	14 8	1 25	11 33	16 6	3 44	4 7	8 44		n.a.
W30	20s47	18s29	5n 2	25s16	2s 3	24s38	2s 9	22n 5	2n53	16n47	0s43	1s54	2n25	24s 4	0s21	14s 8	1s25	11s33	16s 5	3n49	4n 8	8s42		n.a.

Julian Day Number = 1498924.5, Delta T = 05h08m31s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'12, Lahiri = -12°22'11 Julian Calendar 1 Nov. 610 BCE == Greg. Calendar 25 Oct. 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 610 BCE
geocentric

DECEMBER 610 BCE (-609) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 10 15	2♐42'54	4♉51	19♐31	19♉22	5♌ 7	17°R59	10♎21	27♐ 5	26♒40	7°R55	20°R18	19♍39	4♓43	n.a.	T 1
F 2	4 14 12	3°44'12	17°31	21° 0	20°27	5°16	17♉52	10°26	27° 8	26°40	7♈55	20♍ 7	19°36	4°50	n.a.	F 2
S 3	4 18 8	4°45'29	29°52	22°26	21°32	5°25	17°44	10°31	27°11	26°41	7°54	20° 0	19°33	4°57	n.a.	S 3
S 4	4 22 5	5°46'46	11♒57	23°50	22°37	5°33	17°37	10°36	27°15	26°42	7°53	19°55	19°30	5° 3	n.a.	S 4
M 5	4 26 1	6°48'02	23°52	25°11	23°41	5°40	17°29	10°41	27°18	26°42	7°53	19°52	19°26	5°10	n.a.	M 5
T 6	4 29 58	7°49'17	5♓40	26°28	24°45	5°46	17°22	10°46	27°21	26°43	7°52	19°D51	19°23	5°17	n.a.	T 6
W 7	4 33 54	8°50'32	17°28	27°42	25°49	5°52	17°15	10°51	27°25	26°44	7°52	19°R52	19°20	5°23	n.a.	W 7
T 8	4 37 51	9°51'46	29°21	28°51	26°53	5°57	17° 8	10°55	27°28	26°44	7°51	19°51	19°17	5°30	n.a.	T 8
F 9	4 41 48	10°53'00	11♈25	29°55	27°56	6° 2	17° 1	11° 0	27°31	26°45	7°51	19°49	19°14	5°37	n.a.	F 9
S 10	4 45 44	11°54'12	23°43	0♉52	28°58	6° 5	16°54	11° 5	27°35	26°46	7°51	19°45	19°10	5°43	n.a.	S 10
S 11	4 49 41	12°55'24	6♉21	1°43	0♒ 1	6° 9	16°48	11° 9	27°38	26°47	7°50	19°39	19° 7	5°50	n.a.	S 11
M12	4 53 37	13°56'36	19°21	2°26	1° 3	6°11	16°41	11°14	27°42	26°48	7°50	19°29	19° 4	5°57	n.a.	M12
T 13	4 57 34	14°57'46	2♊42	3° 0	2° 5	6°13	16°35	11°18	27°45	26°49	7°49	19°17	19° 1	6° 3	n.a.	T 13
W14	5 1 30	15°58'56	16°23	3°24	3° 6	6°13	16°29	11°22	27°49	26°50	7°49	19° 4	18°58	6°10	n.a.	W14
T 15	5 5 27	17° 0'05	0♋21	3°38	4° 7	6°R14	16°23	11°27	27°52	26°51	7°49	18°51	18°55	6°17	n.a.	T 15
F 16	5 9 23	18° 1'14	14°32	3°R41	5° 7	6°13	16°17	11°31	27°56	26°52	7°48	18°40	18°51	6°23	n.a.	F 16
S 17	5 13 20	19° 2'22	28°48	3°32	6° 7	6°12	16°11	11°35	27°59	26°53	7°48	18°31	18°48	6°30	n.a.	S 17
S 18	5 17 17	20° 3'29	13♌ 7	3°12	7° 6	6°10	16° 5	11°39	28° 3	26°54	7°48	18°25	18°45	6°36	n.a.	S 18
M19	5 21 13	21° 4'36	27°22	2°40	8° 5	6° 7	16° 0	11°43	28° 6	26°55	7°48	18°22	18°42	6°43	n.a.	M19
T 20	5 25 10	22° 5'42	11♍33	1°58	9° 4	6° 3	15°54	11°46	28°10	26°56	7°47	18°21	18°39	6°50	n.a.	T 20
W21	5 29 6	23° 6'47	25°37	1° 5	10° 2	5°59	15°49	11°50	28°13	26°58	7°47	18°21	18°36	6°56	n.a.	W21
T 22	5 33 3	24° 7'52	9♎34	0° 4	10°59	5°53	15°44	11°54	28°17	26°59	7°47	18°20	18°32	7° 3	n.a.	T 22
F 23	5 36 59	25° 8'56	23°24	28♐56	11°56	5°47	15°39	11°57	28°20	27° 0	7°47	18°18	18°29	7°10	n.a.	F 23
S 24	5 40 56	26°10'00	7♏ 6	27°43	12°52	5°41	15°35	12° 1	28°24	27° 1	7°47	18°13	18°26	7°16	n.a.	S 24
S 25	5 44 52	27°11'02	20°40	26°28	13°48	5°33	15°30	12° 4	28°27	27° 3	7°47	18° 5	18°23	7°23	n.a.	S 25
M26	5 48 49	28°12'04	4♐ 5	25°12	14°43	5°24	15°26	12° 7	28°31	27° 4	7°47	17°54	18°20	7°30	n.a.	M26
T 27	5 52 46	29°13'05	17°18	23°59	15°38	5°15	15°22	12°11	28°34	27° 5	7°47	17°41	18°16	7°36	n.a.	T 27
W28	5 56 42	0♉14'04	0♉17	22°49	16°32	5° 5	15°18	12°14	28°38	27° 7	7°47	17°27	18°13	7°43	n.a.	W28
T 29	6 0 39	1°15'03	13° 2	21°45	17°25	4°54	15°14	12°17	28°41	27° 8	7°D47	17°14	18°10	7°50	n.a.	T 29
F 30	6 4 35	2°16'00	25°31	20°48	18°17	4°43	15°11	12°20	28°45	27°10	7°47	17° 3	18° 7	7°56	n.a.	F 30
S 31	6 8 32	3♉16'56	7♒46	19♐58	19♒ 9	4♌30	15♉ 7	12♎22	28♐48	27♒11	7♈47	16♍54	18♍ 4	8♓ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s59	18s48	4n52	25s20	2s 0	24s26	2s 6	22n 5	2n55	16n45	0s42	1s56	2n25	24s 4	0s21	14s 8	1s25	11s33	16s 5	3n54	4n 9	8s40		n.a.
F 2	21 11	18 10	4 29	25 23	1 56	24 13	2 4	22 5	2 58	16 43	0 42	1 57	2 26	24 5	0 21	14 8	1 25	11 33	16 5	3 58	4 10	8 39		n.a.
S 3	21 23	16 40	3 53	25 23	1 51	24 0	2 1	22 5	3 0	16 41	0 42	1 59	2 26	24 5	0 21	14 7	1 25	11 33	16 4	4 1	4 12	8 37		n.a.
S 4	21 34	14 27	3 7	25 22	1 45	23 46	1 58	22 5	3 2	16 39	0 42	2 1	2 26	24 5	0 21	14 7	1 25	11 33	16 4	4 3	4 13	8 35		n.a.
M 5	21 44	11 39	2 13	25 18	1 38	23 32	1 54	22 5	3 5	16 37	0 42	2 3	2 26	24 5	0 21	14 7	1 25	11 33	16 4	4 4	4 14	8 34		n.a.
T 6	21 55	8 24	1 15	25 13	1 30	23 17	1 51	22 6	3 7	16 35	0 41	2 5	2 26	24 5	0 21	14 7	1 25	11 33	16 3	4 4	4 15	8 32		n.a.
W 7	22 5	4 49	0 13	25 6	1 21	23 2	1 48	22 7	3 9	16 33	0 41	2 6	2 27	24 5	0 21	14 6	1 25	11 32	16 3	4 4	4 17	8 30		n.a.
T 8	22 14	1 2	0s50	24 57	1 12	22 46	1 44	22 8	3 12	16 32	0 41	2 8	2 27	24 5	0 21	14 6	1 25	11 32	16 3	4 4	4 18	8 29		n.a.
F 9	22 23	2n52	1 52	24 47	1 1	22 29	1 40	22 9	3 14	16 30	0 41	2 10	2 27	24 5	0 21	14 6	1 25	11 32	16 3	4 5	4 19	8 27		n.a.
S 10	22 31	6 43	2 49	24 34	0 49	22 13	1 36	22 10	3 16	16 28	0 41	2 11	2 27	24 5	0 21	14 5	1 25	11 32	16 2	4 7	4 20	8 25		n.a.
S 11	22 40	10 22	3 40	24 21	0 35	21 55	1 32	22 12	3 19	16 26	0 40	2 13	2 27	24 5	0 21	14 5	1 25	11 32	16 2	4 9	4 22	8 24		n.a.
M12	22 47	13 38	4 20	24 6	0 21	21 37	1 28	22 14	3 21	16 25	0 40	2 15	2 28	24 5	0 21	14 5	1 25	11 32	16 2	4 13	4 23	8 22		n.a.
T 13	22 54	16 17	4 48	23 50	0 6	21 19	1 23	22 15	3 24	16 23	0 40	2 16	2 28	24 5	0 21	14 4	1 25	11 32	16 1	4 18	4 24	8 20		n.a.
W14	23 1	18 5	5 0	23 33	0n11	21 0	1 18	22 18	3 26	16 21	0 40	2 18	2 28	24 5	0 21	14 4	1 25	11 32	16 1	4 23	4 26	8 19		n.a.
T 15	23 7	18 52	4 54	23 15	0 28	20 41	1 14	22 20	3 28	16 20	0 40	2 19	2 28	24 5	0 21	14 3	1 25	11 31	16 1	4 28	4 27	8 17		n.a.
F 16	23 13	18 29	4 31	22 57	0 46	20 21	1 9	22 22	3 31	16 18	0 39	2 20	2 28	24 6	0 21	14 3	1 25	11 31	16 0	4 33	4 28	8 15		n.a.
S 17	23 18	16 56	3 50	22 38	1 5	20 1	1 3	22 25	3 33	16 17	0 39	2 22	2 29	24 6	0 21	14 3	1 25	11 31	16 0	4 36	4 29	8 14		n.a.
S 18	23 23	14 19	2 55	22 20	1 24	19 41	0 58	22 28	3 36	16 15	0 39	2 23	2 29	24 6	0 21	14 2	1 25	11 31	16 0	4 39	4 31	8 12		n.a.
M19	23 28	10 51	1 49	22 1	1 43	19 20	0 53	22 31	3 38	16 14	0 39	2 25	2 29	24 6	0 21	14 2	1 25	11 31	15 59	4 40	4 32	8 10		n.a.
T 20	23 32	6 47	0 36	21 43	2 2	18 59	0 47	22 34	3 41	16 13	0 38	2 26	2 29	24 6	0 21	14 1	1 25	11 30	15 59	4 40	4 33	8 9		n.a.
W21	23 35	2 21	0n38	21 26	2 20	18 38	0 41	22 38	3 43	16 11	0 38	2 27	2 30	24 6	0 21	14 1	1 25	11 30	15 59	4 40	4 34	8 7		n.a.
T 22	23 38	2s10	1 50	21 9	2 37	18 16	0 35	22 42	3 46	16 10	0 38	2 28	2 30	24 6	0 21	14 0	1 25	11 30	15 58	4 40	4 36	8 5		n.a.
F 23	23 41	6 31	2 54	20 54	2 52	17 55	0 29	22 45	3 48	16 9	0 38	2 30	2 30	24 6	0 21	14 0	1 25	11 30	15 58	4 41	4 37	8 4		n.a.
S 24	23 43	10 29	3 48	20 39	3 5	17 32	0 23	22 49	3 50	16 8	0 38	2 31	2 30	24 6	0 21	14 0	1 25	11 29	15 58	4 43	4 38	8 2		n.a.
S 25	23 44	13 52	4 28	20 26	3 17	17 10	0 16	22 54	3 53	16 7	0 37	2 32	2 30	24 6	0 21	13 59	1 25	11 29	15 57	4 47	4 39	8 0		n.a.
M26	23 45	16 28	4 52	20 15	3 26	16 47	0 9	22 58	3 55	16 6	0 37	2 33	2 31	24 6	0 21	13 59	1 24	11 29	15 57	4 51	4 41	7 59		n.a.
T 27	23 46	18 10	5 1	20 6	3 32	16 25	0 3	23 3	3 57	16 5	0 37	2 34	2 31	24 6	0 21	13 58	1 24	11 28	15 56	4 56	4 42	7 57		n.a.
W28	23 46	18 53	4 53	19 58	3 36	16 2	0n 4	23 7	4 0	16 4	0 37	2 35	2 31	24 6	0 21	13 57	1 24	11 28	15 56	5 1	4 43	7 55		n.a.
T 29	23 46	18 37	4 31	19 53	3 38	15 38	0 12	23 12	4 2	16 3	0 36	2 36	2 31	24 6	0 21	13 57	1 24	11 28	15 56	5 7	4 44	7 53		n.a.
F 30	23 45	17 27	3 57	19 50	3 37	15 15	0 19	23 17	4 4	16 2	0 36	2 37	2 32	24 6	0 21	13 56	1 24	11 28	15 55	5 11	4 46	7 52		n.a.
S 31	23s43	15s30	3n11	19s48	3n35	14s52	0n27	23n23	4n 6	16n 1	0s36	2s38	2n32	24s 6	0s21	13s56	1s24	11s27	15s55	5n15	4n47	7s50		n.a.

Julian Day Number = 1498954.5, Delta T = 05h08m29s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'08, Lahiri = -12°22'07 Julian Calendar 1 Dec. 610 BCE == Greg. Calendar 24 Nov. 610 BCE

The year -609 astronomical counting style corresponds to year 610 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

JANUARY 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 12 28	4♉17'50	19♒49	19°R16	20♒ 0	4°R17	15°R 4	12♎25	28♐52	27♒13	7♈47	16°R48	18♍ 1	8♓10	n.a.	S 1
M 2	6 16 25	5°18'43	1♓42	18♐43	20°50	4♌ 3	15♉ 1	12°28	28°55	27°14	7°47	16♍44	17°57	8°16	n.a.	M 2
T 3	6 20 22	6°19'34	13°30	18°18	21°39	3°48	14°59	12°30	28°59	27°16	7°47	16°D43	17°54	8°23	n.a.	T 3
W 4	6 24 18	7°20'23	25°17	18° 2	22°27	3°33	14°56	12°33	29° 2	27°17	7°47	16°43	17°51	8°29	n.a.	W 4
T 5	6 28 15	8°21'11	7♈ 8	17°53	23°15	3°17	14°54	12°35	29° 6	27°19	7°47	16°R44	17°48	8°36	n.a.	T 5
F 6	6 32 11	9°21'57	19°11	17°D53	24° 1	3° 0	14°51	12°37	29° 9	27°21	7°47	16°43	17°45	8°43	n.a.	F 6
S 7	6 36 8	10°22'41	1♉29	17°59	24°47	2°43	14°49	12°40	29°13	27°22	7°47	16°41	17°42	8°49	n.a.	S 7
S 8	6 40 4	11°23'24	14° 7	18°12	25°31	2°25	14°48	12°42	29°16	27°24	7°48	16°36	17°38	8°56	n.a.	S 8
M 9	6 44 1	12°24'04	27°10	18°31	26°15	2° 6	14°46	12°44	29°20	27°26	7°48	16°29	17°35	9° 3	n.a.	M 9
T 10	6 47 57	13°24'43	10♊39	18°57	26°57	1°47	14°45	12°45	29°23	27°28	7°48	16°20	17°32	9° 9	n.a.	T 10
W11	6 51 54	14°25'21	24°33	19°27	27°38	1°27	14°44	12°47	29°27	27°29	7°48	16°10	17°29	9°16	n.a.	W11
T 12	6 55 51	15°25'56	8♋50	20° 2	28°18	1° 7	14°43	12°49	29°30	27°31	7°49	16° 0	17°26	9°23	n.a.	T 12
F 13	6 59 47	16°26'30	23°24	20°42	28°57	0°46	14°42	12°50	29°33	27°33	7°49	15°50	17°22	9°29	n.a.	F 13
S 14	7 3 44	17°27'03	8♌ 8	21°26	29°34	0°25	14°41	12°52	29°37	27°35	7°49	15°43	17°19	9°36	n.a.	S 14
S 15	7 7 40	18°27'33	22°53	22°14	0♓10	0° 3	14°41	12°53	29°40	27°37	7°50	15°39	17°16	9°43	n.a.	S 15
M16	7 11 37	19°28'02	7♍33	23° 5	0°45	29♋41	14°D41	12°55	29°44	27°38	7°50	15°36	17°13	9°49	n.a.	M16
T 17	7 15 33	20°28'30	22° 3	24° 0	1°18	29°18	14°41	12°56	29°47	27°40	7°50	15°D36	17°10	9°56	n.a.	T 17
W18	7 19 30	21°28'56	6♎18	24°57	1°50	28°55	14°41	12°57	29°50	27°42	7°51	15°37	17° 7	10° 3	n.a.	W18
T 19	7 23 26	22°29'20	20°19	25°58	2°20	28°32	14°41	12°58	29°54	27°44	7°51	15°R38	17° 3	10° 9	n.a.	T 19
F 20	7 27 23	23°29'43	4♏ 3	27° 0	2°48	28° 9	14°42	12°59	29°57	27°46	7°52	15°37	17° 0	10°16	n.a.	F 20
S 21	7 31 20	24°30'05	17°33	28° 6	3°15	27°45	14°43	12°59	0♑ 0	27°48	7°52	15°35	16°57	10°22	n.a.	S 21
S 22	7 35 16	25°30'25	0♐49	29°13	3°40	27°22	14°44	13° 0	0° 4	27°50	7°53	15°30	16°54	10°29	n.a.	S 22
M23	7 39 13	26°30'43	13°52	0♑23	4° 4	26°58	14°45	13° 1	0° 7	27°52	7°53	15°23	16°51	10°36	n.a.	M23
T 24	7 43 9	27°31'00	26°42	1°34	4°25	26°34	14°47	13° 1	0°10	27°54	7°54	15°15	16°48	10°42	n.a.	T 24
W25	7 47 6	28°31'15	9♑20	2°48	4°45	26°10	14°48	13° 1	0°13	27°56	7°54	15° 6	16°44	10°49	n.a.	W25
T 26	7 51 2	29°31'28	21°47	4° 3	5° 2	25°47	14°50	13° 2	0°16	27°58	7°55	14°57	16°41	10°56	n.a.	T 26
F 27	7 54 59	0♒31'39	4♒ 2	5°19	5°18	25°23	14°52	13° 2	0°20	28° 0	7°56	14°50	16°38	11° 2	n.a.	F 27
S 28	7 58 55	1°31'48	16° 7	6°38	5°31	24°59	14°54	13°R 2	0°23	28° 2	7°56	14°44	16°35	11° 9	n.a.	S 28
S 29	8 2 52	2°31'56	28° 3	7°58	5°42	24°36	14°57	13° 2	0°26	28° 4	7°57	14°40	16°32	11°16	n.a.	S 29
M30	8 6 49	3°32'00	9♓53	9°19	5°51	24°13	14°59	13° 2	0°29	28° 6	7°57	14°D39	16°28	11°22	n.a.	M30
T 31	8 10 45	4♒32'03	21♓40	10♑42	5♓58	23♋50	15♉ 2	13♎ 1	0♑32	28♒ 8	7♈58	14♍39	16♍25	11♓29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s42	12s54	2n18	19s49	3n31	14s28	0n34	23n28	4n 9	16n 1	0s36	2s39	2n32	24s 6	0s21	13s55	1s24	11s27	15s55	5n17	4n48	7s48			n.a.
M 2	23 39	9 47	1 19	19 52	3 25	14 5	0 42	23 34	4 11	16 0	0 35	2 39	2 32	24 6	0 21	13 55	1 24	11 26	15 54	5 18	4 49	7 47			n.a.
T 3	23 37	6 19	0 17	19 57	3 18	13 41	0 50	23 39	4 13	15 59	0 35	2 40	2 33	24 6	0 21	13 54	1 24	11 26	15 54	5 19	4 51	7 45			n.a.
W 4	23 34	2 36	0s46	20 4	3 10	13 17	0 59	23 45	4 15	15 59	0 35	2 41	2 33	24 6	0 21	13 54	1 24	11 26	15 54	5 19	4 52	7 43			n.a.
T 5	23 30	1n14	1 47	20 12	3 1	12 54	1 7	23 51	4 17	15 58	0 35	2 42	2 33	24 6	0 21	13 53	1 24	11 25	15 53	5 19	4 53	7 42			n.a.
F 6	23 26	5 5	2 44	20 21	2 52	12 30	1 16	23 56	4 19	15 58	0 34	2 42	2 33	24 7	0 21	13 52	1 24	11 25	15 53	5 19	4 54	7 40			n.a.
S 7	23 21	8 47	3 35	20 32	2 42	12 7	1 25	24 2	4 20	15 58	0 34	2 43	2 34	24 7	0 21	13 52	1 24	11 25	15 53	5 20	4 56	7 38			n.a.
S 8	23 16	12 12	4 17	20 43	2 31	11 43	1 34	24 8	4 22	15 57	0 34	2 43	2 34	24 7	0 21	13 51	1 24	11 24	15 52	5 21	4 57	7 36			n.a.
M 9	23 11	15 8	4 47	20 56	2 21	11 20	1 43	24 14	4 24	15 57	0 34	2 44	2 34	24 7	0 21	13 51	1 24	11 24	15 52	5 24	4 58	7 35			n.a.
T 10	23 5	17 21	5 3	21 9	2 10	10 56	1 52	24 20	4 25	15 57	0 34	2 44	2 34	24 7	0 21	13 50	1 24	11 23	15 52	5 28	4 59	7 33			n.a.
W11	22 58	18 38	5 1	21 22	1 59	10 33	2 2	24 27	4 27	15 57	0 33	2 45	2 35	24 7	0 21	13 49	1 24	11 23	15 51	5 32	5 1	7 31			n.a.
T 12	22 52	18 48	4 41	21 36	1 48	10 10	2 12	24 33	4 28	15 57	0 33	2 45	2 35	24 7	0 21	13 49	1 24	11 23	15 51	5 36	5 2	7 30			n.a.
F 13	22 44	17 44	4 2	21 50	1 37	9 47	2 21	24 39	4 30	15 57	0 33	2 46	2 35	24 7	0 21	13 48	1 24	11 22	15 51	5 40	5 3	7 28			n.a.
S 14	22 37	15 29	3 7	22 4	1 26	9 25	2 31	24 45	4 31	15 57	0 33	2 46	2 35	24 7	0 21	13 47	1 24	11 22	15 50	5 42	5 4	7 26			n.a.
S 15	22 28	12 12	1 59	22 17	1 15	9 3	2 42	24 51	4 32	15 57	0 32	2 46	2 36	24 7	0 21	13 47	1 24	11 21	15 50	5 44	5 6	7 24			n.a.
M16	22 20	8 11	0 43	22 31	1 4	8 41	2 52	24 57	4 33	15 57	0 32	2 47	2 36	24 7	0 21	13 46	1 24	11 21	15 49	5 45	5 7	7 23			n.a.
T 17	22 11	3 44	0n35	22 44	0 54	8 19	3 3	25 2	4 34	15 57	0 32	2 47	2 36	24 7	0 21	13 45	1 24	11 20	15 49	5 45	5 8	7 21			n.a.
W18	22 1	0s52	1 49	22 57	0 43	7 58	3 13	25 8	4 35	15 58	0 32	2 47	2 36	24 7	0 21	13 45	1 24	11 20	15 49	5 45	5 9	7 19			n.a.
T 19	21 52	5 20	2 56	23 9	0 33	7 37	3 24	25 14	4 36	15 58	0 31	2 47	2 37	24 7	0 21	13 44	1 24	11 19	15 48	5 44	5 11	7 17			n.a.
F 20	21 41	9 26	3 51	23 21	0 23	7 16	3 35	25 20	4 37	15 58	0 31	2 47	2 37	24 7	0 21	13 43	1 24	11 19	15 48	5 45	5 12	7 16			n.a.
S 21	21 31	12 57	4 32	23 32	0 13	6 56	3 46	25 25	4 37	15 59	0 31	2 47	2 37	24 7	0 21	13 43	1 24	11 18	15 48	5 46	5 13	7 14			n.a.
S 22	21 20	15 45	4 58	23 42	0 4	6 36	3 58	25 30	4 38	15 59	0 31	2 47	2 37	24 7	0 21	13 42	1 24	11 18	15 47	5 47	5 15	7 12			n.a.
M23	21 8	17 41	5 7	23 51	0s 5	6 17	4 9	25 35	4 38	16 0	0 31	2 47	2 38	24 7	0 21	13 41	1 24	11 17	15 47	5 50	5 16	7 11			n.a.
T 24	20 56	18 42	5 1	24 0	0 14	5 59	4 21	25 40	4 38	16 1	0 30	2 47	2 38	24 7	0 21	13 40	1 24	11 17	15 47	5 53	5 17	7 9			n.a.
W25	20 44	18 46	4 41	24 7	0 23	5 41	4 32	25 45	4 38	16 1	0 30	2 47	2 38	24 7	0 21	13 40	1 24	11 16	15 46	5 57	5 18	7 7			n.a.
T 26	20 32	17 55	4 7	24 13	0 31	5 24	4 44	25 50	4 38	16 2	0 30	2 47	2 38	24 7	0 21	13 39	1 24	11 16	15 46	6 0	5 20	7 5			n.a.
F 27	20 19	16 14	3 22	24 19	0 39	5 7	4 55	25 54	4 38	16 3	0 30	2 47	2 39	24 7	0 21	13 38	1 24	11 15	15 46	6 3	5 21	7 4			n.a.
S 28	20 5	13 52	2 29	24 23	0 47	4 51	5 7	25 59	4 38	16 4	0 29	2 47	2 39	24 7	0 21	13 37	1 24	11 15	15 45	6 6	5 22	7 2			n.a.
S 29	19 52	10 55	1 29	24 26	0 54	4 36	5 19	26 3	4 38	16 5	0 29	2 46	2 39	24 7	0 21	13 37	1 24	11 14	15 45	6 7	5 23	7 0			n.a.
M30	19 38	7 34	0 26	24 27	1 2	4 22	5 31	26 7	4 37	16 6	0 29	2 46	2 39	24 7	0 21	13 36	1 24	11 14	15 45	6 8	5 25	6 58			n.a.
T 31	19s23	3s56	0s38	24s28	1s 8	4s 9	5n43	26n10	4n37	16n 7	0s29	2s46	2n40	24s 7	0s21	13s35	1s24	11s13	15s45	6n 8	5n26	6s57			n.a.

Julian Day Number = 1498985.5, Delta T = 05h08m28s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°29'03, Lahiri = -12°22'03 Julian Calendar 1 Jan. 609 BCE == Greg. Calendar 25 Dec. 610 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

FEBRUARY 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 14 42	5♒32'04	3♈27	12♉ 6	6♓ 2	23°R27	15♉ 5	13°R 1	0♉35	28♒11	7♈59	14♍40	16♍22	11♓36	n.a.	W 1
T 2	8 18 38	6°32'02	15°18	13°31	6°R 4	23♋ 5	15° 8	13♎ 1	0°38	28°13	8° 0	14°42	16°19	11°42	n.a.	T 2
F 3	8 22 35	7°31'58	27°19	14°58	6° 4	22°43	15°11	13° 0	0°41	28°15	8° 0	14°43	16°16	11°49	n.a.	F 3
S 4	8 26 31	8°31'52	9♉35	16°26	6° 0	22°22	15°15	12°59	0°44	28°17	8° 1	14°R44	16°13	11°56	n.a.	S 4
S 5	8 30 28	9°31'43	22°10	17°55	5°55	22° 1	15°19	12°59	0°47	28°19	8° 2	14°43	16° 9	12° 2	n.a.	S 5
M 6	8 34 24	10°31'32	5♊ 9	19°26	5°47	21°41	15°23	12°58	0°50	28°21	8° 3	14°40	16° 6	12° 9	n.a.	M 6
T 7	8 38 21	11°31'19	18°35	20°58	5°36	21°21	15°27	12°57	0°53	28°24	8° 3	14°37	16° 3	12°15	n.a.	T 7
W 8	8 42 17	12°31'03	2♋28	22°31	5°23	21° 2	15°31	12°56	0°56	28°26	8° 4	14°32	16° 0	12°22	n.a.	W 8
T 9	8 46 14	13°30'45	16°49	24° 5	5° 7	20°43	15°35	12°55	0°59	28°28	8° 5	14°27	15°57	12°29	n.a.	T 9
F 10	8 50 11	14°30'25	1♌32	25°41	4°49	20°25	15°40	12°53	1° 1	28°30	8° 6	14°23	15°53	12°35	n.a.	F 10
S 11	8 54 7	15°30'02	16°31	27°17	4°29	20° 7	15°45	12°52	1° 4	28°32	8° 7	14°20	15°50	12°42	n.a.	S 11
S 12	8 58 4	16°29'38	1♍36	28°55	4° 6	19°51	15°50	12°51	1° 7	28°35	8° 8	14°18	15°47	12°49	n.a.	S 12
M13	9 2 0	17°29'11	16°40	0♒34	3°41	19°35	15°55	12°49	1°10	28°37	8° 9	14°D17	15°44	12°55	n.a.	M13
T 14	9 5 57	18°28'42	1♎32	2°15	3°13	19°19	16° 0	12°48	1°12	28°39	8°10	14°18	15°41	13° 2	n.a.	T 14
W15	9 9 53	19°28'11	16° 8	3°56	2°44	19° 4	16° 5	12°46	1°15	28°41	8°10	14°19	15°38	13° 9	n.a.	W15
T 16	9 13 50	20°27'39	0♏23	5°39	2°13	18°50	16°11	12°44	1°17	28°44	8°11	14°21	15°34	13°15	n.a.	T 16
F 17	9 17 46	21°27'04	14°15	7°23	1°40	18°37	16°17	12°42	1°20	28°46	8°12	14°22	15°31	13°22	n.a.	F 17
S 18	9 21 43	22°26'28	27°45	9° 9	1° 6	18°25	16°23	12°40	1°23	28°48	8°13	14°R22	15°28	13°29	n.a.	S 18
S 19	9 25 40	23°25'50	10♐55	10°56	0°31	18°13	16°29	12°38	1°25	28°50	8°14	14°21	15°25	13°35	n.a.	S 19
M20	9 29 36	24°25'10	23°46	12°44	29♒55	18° 2	16°35	12°36	1°28	28°53	8°15	14°19	15°22	13°42	n.a.	M20
T 21	9 33 33	25°24'28	6♑21	14°33	29°17	17°52	16°41	12°34	1°30	28°55	8°16	14°16	15°19	13°49	n.a.	T 21
W22	9 37 29	26°23'45	18°43	16°24	28°40	17°42	16°48	12°31	1°32	28°57	8°18	14°14	15°15	13°55	n.a.	W22
T 23	9 41 26	27°22'59	0♒54	18°16	28° 2	17°34	16°54	12°29	1°35	28°59	8°19	14°11	15°12	14° 2	n.a.	T 23
F 24	9 45 22	28°22'11	12°56	20° 9	27°24	17°26	17° 1	12°26	1°37	29° 2	8°20	14° 9	15° 9	14° 8	n.a.	F 24
S 25	9 49 19	29°21'21	24°51	22° 4	26°46	17°19	17° 8	12°24	1°39	29° 4	8°21	14° 7	15° 6	14°15	n.a.	S 25
S 26	9 53 15	0♓20'29	6♓42	24° 0	26° 9	17°13	17°15	12°21	1°41	29° 6	8°22	14° 6	15° 3	14°22	n.a.	S 26
M27	9 57 12	1°19'34	18°29	25°57	25°32	17° 7	17°23	12°18	1°44	29° 8	8°23	14°D 6	14°59	14°28	n.a.	M27
T 28	10 1 8	2°18'38	0♈16	27°56	24°56	17° 3	17°30	12°16	1°46	29°11	8°24	14° 6	14°56	14°35	n.a.	T 28
W29	10 5 5	3♓17'39	12♈ 5	29♒55	24♒21	16♋59	17♉38	12♎13	1♉48	29♒13	8♈25	14♍ 7	14♍53	14♓42	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s 9	0s 9	1s41	24s27	1s15	3s56	5n54	26n14	4n36	16n 8	0s29	2s46	2n40	24s 7	0s21	13s34	1s24	11s12	15s44	6n 7	5n27	6s55		n.a.
T 2	18 54	3n39	2 40	24 25	1 21	3 45	6 6	26 17	4 35	16 9	0 28	2 45	2 40	24 7	0 21	13 34	1 24	11 12	15 44	6 6	5 28	6 53		n.a.
F 3	18 38	7 22	3 32	24 21	1 27	3 34	6 17	26 20	4 34	16 10	0 28	2 45	2 40	24 7	0 21	13 33	1 24	11 11	15 44	6 6	5 30	6 51		n.a.
S 4	18 23	10 50	4 16	24 16	1 32	3 25	6 29	26 23	4 34	16 11	0 28	2 44	2 41	24 7	0 21	13 32	1 24	11 11	15 43	6 6	5 31	6 50		n.a.
S 5	18 7	13 54	4 49	24 10	1 38	3 17	6 40	26 25	4 33	16 13	0 28	2 44	2 41	24 7	0 21	13 31	1 24	11 10	15 43	6 6	5 32	6 48		n.a.
M 6	17 50	16 23	5 9	24 1	1 42	3 9	6 51	26 27	4 31	16 14	0 27	2 43	2 41	24 7	0 21	13 31	1 24	11 10	15 43	6 7	5 33	6 46		n.a.
T 7	17 34	18 5	5 12	23 52	1 47	3 3	7 1	26 29	4 30	16 15	0 27	2 43	2 41	24 7	0 21	13 30	1 24	11 9	15 42	6 8	5 35	6 44		n.a.
W 8	17 17	18 47	4 58	23 41	1 51	2 59	7 12	26 31	4 29	16 17	0 27	2 42	2 42	24 7	0 21	13 29	1 24	11 8	15 42	6 10	5 36	6 43		n.a.
T 9	17 0	18 19	4 25	23 28	1 54	2 55	7 22	26 33	4 27	16 18	0 27	2 41	2 42	24 7	0 21	13 28	1 24	11 8	15 42	6 12	5 37	6 41		n.a.
F 10	16 42	16 37	3 33	23 13	1 58	2 53	7 31	26 34	4 26	16 20	0 27	2 41	2 42	24 7	0 21	13 28	1 24	11 7	15 42	6 14	5 38	6 39		n.a.
S 11	16 24	13 46	2 27	22 57	2 1	2 52	7 40	26 35	4 24	16 21	0 26	2 40	2 42	24 7	0 21	13 27	1 24	11 7	15 41	6 15	5 40	6 37		n.a.
S 12	16 6	9 58	1 9	22 40	2 3	2 52	7 49	26 36	4 23	16 23	0 26	2 39	2 43	24 7	0 21	13 26	1 24	11 6	15 41	6 16	5 41	6 36		n.a.
M13	15 48	5 32	0n13	22 20	2 5	2 54	7 57	26 37	4 21	16 25	0 26	2 38	2 43	24 7	0 21	13 25	1 24	11 5	15 41	6 16	5 42	6 34		n.a.
T 14	15 30	0 49	1 34	21 59	2 7	2 57	8 4	26 38	4 19	16 26	0 26	2 37	2 43	24 7	0 21	13 24	1 24	11 5	15 40	6 16	5 43	6 32		n.a.
W15	15 11	3s52	2 47	21 36	2 8	3 1	8 10	26 38	4 18	16 28	0 26	2 36	2 43	24 7	0 21	13 24	1 24	11 4	15 40	6 15	5 44	6 30		n.a.
T 16	14 52	8 13	3 47	21 11	2 8	3 7	8 16	26 38	4 16	16 30	0 25	2 36	2 43	24 7	0 21	13 23	1 24	11 4	15 40	6 15	5 46	6 29		n.a.
F 17	14 33	11 59	4 33	20 45	2 9	3 13	8 21	26 38	4 14	16 32	0 25	2 35	2 44	24 7	0 21	13 22	1 24	11 3	15 40	6 14	5 47	6 27		n.a.
S 18	14 13	15 1	5 3	20 16	2 8	3 21	8 25	26 38	4 12	16 34	0 25	2 34	2 44	24 7	0 21	13 21	1 24	11 2	15 39	6 14	5 48	6 25		n.a.
S 19	13 54	17 11	5 15	19 46	2 8	3 31	8 29	26 38	4 10	16 36	0 25	2 33	2 44	24 7	0 21	13 20	1 24	11 2	15 39	6 15	5 49	6 23		n.a.
M20	13 34	18 26	5 11	19 14	2 7	3 41	8 31	26 38	4 8	16 38	0 25	2 32	2 44	24 7	0 21	13 20	1 24	11 1	15 39	6 15	5 51	6 21		n.a.
T 21	13 14	18 44	4 53	18 41	2 5	3 53	8 33	26 37	4 6	16 40	0 24	2 30	2 45	24 7	0 21	13 19	1 24	11 1	15 39	6 16	5 52	6 20		n.a.
W22	12 53	18 8	4 21	18 5	2 3	4 5	8 33	26 36	4 4	16 42	0 24	2 29	2 45	24 7	0 21	13 18	1 24	11 0	15 38	6 17	5 53	6 18		n.a.
T 23	12 33	16 42	3 37	17 28	2 0	4 18	8 33	26 35	4 2	16 44	0 24	2 28	2 45	24 7	0 22	13 17	1 24	10 59	15 38	6 18	5 54	6 16		n.a.
F 24	12 12	14 32	2 44	16 48	1 57	4 32	8 31	26 34	3 59	16 46	0 24	2 27	2 45	24 7	0 22	13 16	1 24	10 59	15 38	6 19	5 56	6 14		n.a.
S 25	11 51	11 46	1 45	16 7	1 53	4 47	8 29	26 33	3 57	16 48	0 24	2 26	2 45	24 7	0 22	13 16	1 24	10 58	15 38	6 20	5 57	6 13		n.a.
S 26	11 30	8 33	0 41	15 24	1 48	5 3	8 26	26 31	3 55	16 50	0 23	2 25	2 46	24 7	0 22	13 15	1 24	10 57	15 38	6 20	5 58	6 11		n.a.
M27	11 9	4 59	0s24	14 40	1 44	5 19	8 21	26 30	3 53	16 53	0 23	2 23	2 46	24 7	0 22	13 14	1 24	10 57	15 37	6 20	5 59	6 9		n.a.
T 28	10 48	1 15	1 29	13 53	1 38	5 35	8 16	26 28	3 51	16 55	0 23	2 22	2 46	24 7	0 22	13 13	1 24	10 56	15 37	6 20	6 1	6 7		n.a.
W29	10s26	2n33	2s29	13s 5	1s32	5s52	8n10	26n27	3n48	16n57	0s23	2s21	2n46	24s 7	0s22	13s12	1s24	10s55	15s37	6n20	6n 2	6s 5		n.a.

Julian Day Number = 1499016.5, Delta T = 05h08m26s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'59, Lahiri = -12°21'59 Julian Calendar 1 Feb. 609 BCE == Greg. Calendar 25 Jan. 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

MARCH 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 9 2	4♓16'37	23♈59	1♓56	23°R48	16°R56	17♉45	12°R10	1♑50	29♒15	8♈26	14♍ 8	14♍50	14♓48	n.a.	T 1
F 2	10 12 58	5°15'34	6♉ 3	3°58	23♒16	16♋54	17°53	12♎ 7	1°52	29°17	8°28	14° 9	14°47	14°55	n.a.	F 2
S 3	10 16 55	6°14'28	18°19	6° 1	22°46	16°52	18° 1	12° 4	1°54	29°20	8°29	14°10	14°44	15° 2	n.a.	S 3
S 4	10 20 51	7°13'20	0♊53	8° 5	22°18	16°D51	18° 9	12° 0	1°56	29°22	8°30	14°10	14°40	15° 8	n.a.	S 4
M 5	10 24 48	8°12'09	13°47	10°10	21°52	16°51	18°17	11°57	1°58	29°24	8°31	14°R10	14°37	15°15	n.a.	M 5
T 6	10 28 44	9°10'56	27° 5	12°15	21°28	16°52	18°26	11°54	2° 0	29°27	8°32	14°10	14°34	15°22	n.a.	T 6
W 7	10 32 41	10° 9'41	10♋50	14°20	21° 6	16°54	18°34	11°50	2° 2	29°29	8°33	14°10	14°31	15°28	n.a.	W 7
T 8	10 36 37	11° 8'23	25° 2	16°26	20°47	16°56	18°43	11°47	2° 3	29°31	8°35	14° 9	14°28	15°35	n.a.	T 8
F 9	10 40 34	12° 7'03	9♌39	18°31	20°30	16°59	18°51	11°43	2° 5	29°33	8°36	14° 9	14°25	15°41	n.a.	F 9
S 10	10 44 30	13° 5'41	24°35	20°36	20°15	17° 2	19° 0	11°40	2° 7	29°35	8°37	14° 9	14°21	15°48	n.a.	S 10
S 11	10 48 27	14° 4'16	9♍45	22°40	20° 3	17° 7	19° 9	11°36	2° 8	29°38	8°38	14° 9	14°18	15°55	n.a.	S 11
M12	10 52 24	15° 2'49	24°58	24°43	19°53	17°12	19°18	11°32	2°10	29°40	8°40	14° 9	14°15	16° 1	n.a.	M12
T 13	10 56 20	16° 1'21	10♎ 6	26°45	19°46	17°17	19°27	11°29	2°11	29°42	8°41	14° 9	14°12	16° 8	n.a.	T 13
W14	11 0 17	16°59'50	24°58	28°45	19°41	17°23	19°37	11°25	2°13	29°44	8°42	14° 9	14° 9	16°15	n.a.	W14
T 15	11 4 13	17°58'18	9♏29	0♈43	19°D39	17°30	19°46	11°21	2°14	29°46	8°43	14° 8	14° 5	16°21	n.a.	T 15
F 16	11 8 10	18°56'44	23°35	2°39	19°39	17°38	19°56	11°17	2°16	29°49	8°45	14° 8	14° 2	16°28	n.a.	F 16
S 17	11 12 6	19°55'08	7♐14	4°32	19°41	17°46	20° 5	11°13	2°17	29°51	8°46	14° 8	13°59	16°35	n.a.	S 17
S 18	11 16 3	20°53'31	20°27	6°21	19°46	17°55	20°15	11° 9	2°18	29°53	8°47	14°D 7	13°56	16°41	n.a.	S 18
M19	11 19 59	21°51'52	3♑16	8° 8	19°53	18° 4	20°25	11° 5	2°20	29°55	8°49	14° 8	13°53	16°48	n.a.	M19
T 20	11 23 56	22°50'11	15°46	9°51	20° 2	18°14	20°35	11° 1	2°21	29°57	8°50	14° 8	13°50	16°55	n.a.	T 20
W21	11 27 53	23°48'29	28° 0	11°31	20°13	18°25	20°45	10°57	2°22	29°59	8°51	14° 9	13°46	17° 1	n.a.	W21
T 22	11 31 49	24°46'45	10♒ 2	13° 6	20°26	18°36	20°55	10°53	2°23	0♓ 1	8°53	14°10	13°43	17° 8	n.a.	T 22
F 23	11 35 46	25°44'59	21°55	14°38	20°42	18°48	21° 5	10°48	2°24	0° 4	8°54	14°11	13°40	17°14	n.a.	F 23
S 24	11 39 42	26°43'12	3♓44	16° 5	20°59	19° 0	21°15	10°44	2°25	0° 6	8°55	14°12	13°37	17°21	n.a.	S 24
S 25	11 43 39	27°41'22	15°30	17°28	21°18	19°13	21°26	10°40	2°26	0° 8	8°57	14°R12	13°34	17°28	n.a.	S 25
M26	11 47 35	28°39'31	27°18	18°47	21°40	19°26	21°36	10°36	2°27	0°10	8°58	14°12	13°30	17°34	n.a.	M26
T 27	11 51 32	29°37'38	9♈ 8	20° 1	22° 2	19°40	21°47	10°31	2°28	0°12	8°59	14°10	13°27	17°41	n.a.	T 27
W28	11 55 28	0♈35'43	21° 3	21°10	22°27	19°55	21°58	10°27	2°29	0°14	9° 1	14° 8	13°24	17°48	n.a.	W28
T 29	11 59 25	1°33'47	3♉ 5	22°15	22°53	20° 9	22° 8	10°23	2°30	0°16	9° 2	14° 6	13°21	17°54	n.a.	T 29
F 30	12 3 21	2°31'48	15°17	23°15	23°21	20°25	22°19	10°18	2°31	0°18	9° 3	14° 3	13°18	18° 1	n.a.	F 30
S 31	12 7 18	3♈29'48	27♉41	24♈10	23♒50	20♋41	22♉30	10♎14	2♑31	0♓20	9♈ 5	14♍ 0	13♍15	18♓ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s 4	6n16	3s24	12s15	1s26	6s 9	8n 4	26n25	3n46	17n 0	0s23	2s19	2n46	24s 7	0s22	13s12	1s24	10s55	15s37	6n19	6n 3	6s 4		n.a.
F 2	9 43	9 47	4 10	11 24	1 18	6 27	7 56	26 23	3 44	17 2	0 22	2 18	2 46	24 7	0 22	13 11	1 24	10 54	15 37	6 19	6 4	6 2		n.a.
S 3	9 21	12 56	4 46	10 31	1 11	6 44	7 48	26 21	3 41	17 4	0 22	2 17	2 47	24 7	0 22	13 10	1 24	10 54	15 36	6 19	6 6	6 0		n.a.
S 4	8 59	15 34	5 10	9 37	1 2	7 1	7 40	26 19	3 39	17 7	0 22	2 15	2 47	24 7	0 22	13 9	1 24	10 53	15 36	6 19	6 7	5 58		n.a.
M 5	8 36	17 30	5 18	8 41	0 54	7 18	7 30	26 16	3 37	17 9	0 22	2 14	2 47	24 7	0 22	13 8	1 24	10 52	15 36	6 19	6 8	5 57		n.a.
T 6	8 14	18 34	5 10	7 45	0 45	7 35	7 20	26 14	3 35	17 12	0 22	2 12	2 47	24 7	0 22	13 8	1 24	10 52	15 36	6 19	6 9	5 55		n.a.
W 7	7 52	18 36	4 44	6 47	0 35	7 52	7 10	26 11	3 32	17 14	0 22	2 11	2 47	24 7	0 22	13 7	1 24	10 51	15 36	6 19	6 11	5 53		n.a.
T 8	7 29	17 28	4 1	5 48	0 25	8 8	6 59	26 9	3 30	17 17	0 21	2 9	2 47	24 7	0 22	13 6	1 24	10 50	15 35	6 19	6 12	5 51		n.a.
F 9	7 7	15 11	3 1	4 49	0 14	8 24	6 48	26 6	3 28	17 20	0 21	2 8	2 48	24 7	0 22	13 5	1 24	10 50	15 35	6 19	6 13	5 49		n.a.
S 10	6 44	11 50	1 47	3 50	0 4	8 40	6 37	26 3	3 25	17 22	0 21	2 6	2 48	24 7	0 22	13 5	1 24	10 49	15 35	6 19	6 14	5 48		n.a.
S 11	6 21	7 38	0 24	2 50	0n 7	8 55	6 25	26 1	3 23	17 25	0 21	2 5	2 48	24 7	0 22	13 4	1 24	10 48	15 35	6 19	6 16	5 46		n.a.
M12	5 58	2 56	1n 0	1 50	0 19	9 9	6 13	25 58	3 21	17 28	0 21	2 3	2 48	24 7	0 22	13 3	1 24	10 48	15 35	6 19	6 17	5 44		n.a.
T 13	5 35	1s55	2 19	0 51	0 30	9 23	6 1	25 55	3 19	17 30	0 21	2 2	2 48	24 7	0 22	13 2	1 24	10 47	15 35	6 19	6 18	5 42		n.a.
W14	5 12	6 34	3 28	0n 8	0 41	9 36	5 49	25 52	3 16	17 33	0 20	2 0	2 48	24 7	0 22	13 1	1 24	10 47	15 34	6 19	6 19	5 40		n.a.
T 15	4 49	10 43	4 22	1 6	0 53	9 48	5 36	25 49	3 14	17 36	0 20	1 58	2 48	24 7	0 22	13 1	1 24	10 46	15 34	6 19	6 21	5 39		n.a.
F 16	4 26	14 7	4 58	2 3	1 4	10 0	5 24	25 45	3 12	17 38	0 20	1 57	2 48	24 7	0 22	13 0	1 24	10 45	15 34	6 20	6 22	5 37		n.a.
S 17	4 3	16 37	5 16	2 58	1 15	10 11	5 12	25 42	3 10	17 41	0 20	1 55	2 49	24 7	0 22	12 59	1 24	10 45	15 34	6 20	6 23	5 35		n.a.
S 18	3 39	18 10	5 16	3 52	1 26	10 21	4 59	25 39	3 7	17 44	0 20	1 53	2 49	24 7	0 22	12 58	1 24	10 44	15 34	6 20	6 24	5 33		n.a.
M19	3 16	18 43	5 1	4 45	1 36	10 31	4 47	25 35	3 5	17 47	0 20	1 52	2 49	24 7	0 22	12 58	1 24	10 43	15 34	6 20	6 26	5 31		n.a.
T 20	2 53	18 20	4 31	5 35	1 46	10 40	4 35	25 32	3 3	17 50	0 19	1 50	2 49	24 7	0 22	12 57	1 24	10 43	15 34	6 20	6 27	5 30		n.a.
W21	2 29	17 6	3 50	6 23	1 56	10 48	4 23	25 28	3 1	17 52	0 19	1 48	2 49	24 7	0 22	12 56	1 24	10 42	15 34	6 19	6 28	5 28		n.a.
T 22	2 6	15 6	2 59	7 9	2 5	10 55	4 11	25 24	2 59	17 55	0 19	1 47	2 49	24 7	0 22	12 56	1 24	10 42	15 34	6 19	6 29	5 26		n.a.
F 23	1 43	12 30	2 1	7 53	2 13	11 1	3 59	25 21	2 57	17 58	0 19	1 45	2 49	24 7	0 22	12 55	1 24	10 41	15 33	6 18	6 30	5 24		n.a.
S 24	1 19	9 23	0 58	8 34	2 21	11 7	3 47	25 17	2 55	18 1	0 19	1 43	2 49	24 7	0 22	12 54	1 24	10 40	15 33	6 18	6 32	5 22		n.a.
S 25	0 56	5 54	0s 7	9 13	2 28	11 12	3 35	25 13	2 52	18 4	0 19	1 41	2 49	24 7	0 22	12 53	1 24	10 40	15 33	6 18	6 33	5 20		n.a.
M26	0 32	2 11	1 12	9 49	2 34	11 16	3 24	25 9	2 50	18 7	0 19	1 40	2 49	24 7	0 22	12 53	1 24	10 39	15 33	6 18	6 34	5 19		n.a.
T 27	0 9	1n37	2 14	10 23	2 40	11 19	3 12	25 5	2 48	18 10	0 18	1 38	2 49	24 7	0 22	12 52	1 24	10 39	15 33	6 19	6 35	5 17		n.a.
W28	0n14	5 23	3 10	10 54	2 44	11 22	3 1	25 0	2 46	18 13	0 18	1 36	2 49	24 7	0 22	12 51	1 24	10 38	15 33	6 19	6 37	5 15		n.a.
T 29	0 38	8 59	3 59	11 22	2 48	11 24	2 50	24 56	2 44	18 16	0 18	1 34	2 49	24 7	0 22	12 51	1 24	10 37	15 33	6 20	6 38	5 13		n.a.
F 30	1 1	12 14	4 37	11 47	2 51	11 25	2 39	24 52	2 42	18 19	0 18	1 33	2 49	24 7	0 22	12 50	1 24	10 37	15 33	6 21	6 39	5 11		n.a.
S 31	1n24	15n 0	5s 3	12n10	2n52	11s25	2n29	24n47	2n40	18n22	0s18	1s31	2n49	24s 7	0s22	12s49	1s24	10s36	15s33	6n23	6n40	5s10		n.a.

Julian Day Number = 1499045.5, Delta T = 05h08m25s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'55, Lahiri = -12°21'55 Julian Calendar 1 March 609 BCE == Greg. Calendar 23 Feb. 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

APRIL 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 11 15	4♈27'46	10♊18	25♈ 0	24♒21	20♋57	22♉41	10°R 9	2♑32	0♓22	9♈ 6	13°R58	13♍11	18♓14	n.a.	S 1
M 2	12 15 11	5°25'41	23°13	25°45	24°53	21°14	22°52	10♎ 5	2°32	0°24	9° 7	13♍57	13° 8	18°21	n.a.	M 2
T 3	12 19 8	6°23'35	6♋28	26°25	25°26	21°31	23° 3	10° 0	2°33	0°26	9° 9	13°D56	13° 5	18°28	n.a.	T 3
W 4	12 23 4	7°21'27	20° 4	27° 0	26° 1	21°49	23°15	9°56	2°33	0°28	9°10	13°57	13° 2	18°34	n.a.	W 4
T 5	12 27 1	8°19'17	4♌ 3	27°30	26°37	22° 7	23°26	9°52	2°34	0°29	9°12	13°58	12°59	18°41	n.a.	T 5
F 6	12 30 57	9°17'06	18°25	27°55	27°14	22°25	23°37	9°47	2°34	0°31	9°13	13°59	12°56	18°48	n.a.	F 6
S 7	12 34 54	10°14'52	3♍ 7	28°15	27°53	22°44	23°49	9°43	2°35	0°33	9°14	14° 0	12°52	18°54	n.a.	S 7
S 8	12 38 50	11°12'36	18° 5	28°29	28°32	23° 4	24° 1	9°38	2°35	0°35	9°16	14°R 1	12°49	19° 1	n.a.	S 8
M 9	12 42 47	12°10'19	3♎11	28°39	29°13	23°23	24°12	9°34	2°35	0°37	9°17	14° 0	12°46	19° 7	n.a.	M 9
T 10	12 46 44	13° 8'00	18°18	28°R43	29°54	23°43	24°24	9°29	2°35	0°39	9°18	13°57	12°43	19°14	n.a.	T 10
W11	12 50 40	14° 5'40	3♏14	28°43	0♓37	24° 4	24°36	9°25	2°35	0°40	9°20	13°54	12°40	19°21	n.a.	W11
T 12	12 54 37	15° 3'18	17°53	28°38	1°20	24°25	24°47	9°20	2°36	0°42	9°21	13°49	12°36	19°27	n.a.	T 12
F 13	12 58 33	16° 0'56	2♐ 8	28°28	2° 5	24°46	24°59	9°16	2°R36	0°44	9°22	13°45	12°33	19°34	n.a.	F 13
S 14	13 2 30	16°58'32	15°55	28°14	2°50	25° 8	25°11	9°12	2°36	0°46	9°24	13°41	12°30	19°41	n.a.	S 14
S 15	13 6 26	17°56'07	29°14	27°56	3°36	25°30	25°23	9° 7	2°36	0°47	9°25	13°38	12°27	19°47	n.a.	S 15
M16	13 10 23	18°53'41	12♑ 7	27°34	4°23	25°52	25°35	9° 3	2°35	0°49	9°27	13°36	12°24	19°54	n.a.	M16
T 17	13 14 19	19°51'14	24°38	27° 9	5°11	26°14	25°48	8°58	2°35	0°51	9°28	13°D36	12°21	20° 1	n.a.	T 17
W18	13 18 16	20°48'46	6♒50	26°41	6° 0	26°37	26° 0	8°54	2°35	0°52	9°29	13°37	12°17	20° 7	n.a.	W18
T 19	13 22 13	21°46'17	18°49	26°11	6°49	27° 1	26°12	8°50	2°35	0°54	9°31	13°39	12°14	20°14	n.a.	T 19
F 20	13 26 9	22°43'47	0♓39	25°39	7°39	27°24	26°24	8°46	2°34	0°55	9°32	13°40	12°11	20°21	n.a.	F 20
S 21	13 30 6	23°41'15	12°26	25° 5	8°29	27°48	26°37	8°41	2°34	0°57	9°33	13°R41	12° 8	20°27	n.a.	S 21
S 22	13 34 2	24°38'43	24°12	24°31	9°21	28°12	26°49	8°37	2°34	0°58	9°35	13°40	12° 5	20°34	n.a.	S 22
M23	13 37 59	25°36'10	6♈ 3	23°57	10°13	28°37	27° 2	8°33	2°33	1° 0	9°36	13°38	12° 1	20°40	n.a.	M23
T 24	13 41 55	26°33'36	17°59	23°24	11° 5	29° 2	27°14	8°29	2°33	1° 1	9°37	13°34	11°58	20°47	n.a.	T 24
W25	13 45 52	27°31'01	0♉ 4	22°51	11°58	29°27	27°27	8°25	2°32	1° 3	9°38	13°27	11°55	20°54	n.a.	W25
T 26	13 49 48	28°28'24	12°19	22°20	12°52	29°52	27°39	8°21	2°32	1° 4	9°40	13°20	11°52	21° 0	n.a.	T 26
F 27	13 53 45	29°25'47	24°45	21°52	13°46	0♌18	27°52	8°17	2°31	1° 6	9°41	13°12	11°49	21° 7	n.a.	F 27
S 28	13 57 41	0♉23'08	7♊23	21°25	14°41	0°44	28° 5	8°13	2°30	1° 7	9°42	13° 4	11°46	21°14	n.a.	S 28
S 29	14 1 38	1°20'29	20°13	21° 2	15°36	1°10	28°17	8° 9	2°30	1° 8	9°44	12°56	11°42	21°20	n.a.	S 29
M30	14 5 35	2♉17'48	3♋17	20♈43	16♓31	1♌36	28♉30	8♎ 5	2♑29	1♓10	9♈45	12♍51	11♍39	21♓27	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n48	17n 6	5s15	12n29	2n53	11s25	2n18	24n43	2n38	18n25	0s18	1s29	2n49	24s 7	0s22	12s49	1s24	10s36	15s33	6n23	6n42	5s 8		n.a.
M 2	2 11	18 24	5 12	12 46	2 53	11 24	2 8	24 38	2 36	18 28	0 17	1 27	2 50	24 7	0 22	12 48	1 24	10 35	15 33	6 24	6 43	5 6		n.a.
T 3	2 34	18 45	4 52	12 59	2 52	11 22	1 58	24 33	2 34	18 31	0 17	1 25	2 50	24 7	0 23	12 47	1 24	10 35	15 33	6 24	6 44	5 4		n.a.
W 4	2 57	18 2	4 15	13 10	2 49	11 19	1 49	24 29	2 32	18 34	0 17	1 24	2 50	24 7	0 23	12 47	1 24	10 34	15 33	6 24	6 45	5 2		n.a.
T 5	3 21	16 13	3 23	13 18	2 46	11 16	1 39	24 24	2 30	18 37	0 17	1 22	2 50	24 7	0 23	12 46	1 25	10 33	15 33	6 24	6 47	5 0		n.a.
F 6	3 44	13 21	2 16	13 23	2 41	11 12	1 30	24 19	2 29	18 40	0 17	1 20	2 50	24 7	0 23	12 45	1 25	10 33	15 33	6 23	6 48	4 59		n.a.
S 7	4 7	9 34	1 0	13 25	2 36	11 7	1 20	24 14	2 27	18 43	0 17	1 18	2 50	24 7	0 23	12 45	1 25	10 32	15 33	6 23	6 49	4 57		n.a.
S 8	4 30	5 7	0n22	13 24	2 29	11 2	1 11	24 9	2 25	18 46	0 17	1 17	2 49	24 7	0 23	12 44	1 25	10 32	15 33	6 22	6 50	4 55		n.a.
M 9	4 52	0 18	1 44	13 20	2 21	10 56	1 3	24 3	2 23	18 49	0 16	1 15	2 49	24 7	0 23	12 43	1 25	10 31	15 33	6 23	6 51	4 53		n.a.
T 10	5 15	4s32	2 57	13 13	2 12	10 49	0 54	23 58	2 21	18 52	0 16	1 13	2 49	24 7	0 23	12 43	1 25	10 31	15 33	6 24	6 53	4 51		n.a.
W11	5 38	9 2	3 58	13 3	2 1	10 42	0 46	23 53	2 19	18 55	0 16	1 11	2 49	24 7	0 23	12 42	1 25	10 30	15 33	6 25	6 54	4 49		n.a.
T 12	6 1	12 53	4 42	12 51	1 50	10 34	0 38	23 47	2 18	18 58	0 16	1 10	2 49	24 7	0 23	12 42	1 25	10 30	15 33	6 27	6 55	4 48		n.a.
F 13	6 23	15 52	5 7	12 36	1 38	10 25	0 30	23 41	2 16	19 1	0 16	1 8	2 49	24 7	0 23	12 41	1 25	10 29	15 33	6 29	6 56	4 46		n.a.
S 14	6 45	17 50	5 13	12 18	1 25	10 16	0 22	23 36	2 14	19 4	0 16	1 6	2 49	24 7	0 23	12 40	1 25	10 29	15 33	6 30	6 58	4 44		n.a.
S 15	7 8	18 44	5 1	11 58	1 10	10 6	0 14	23 30	2 12	19 7	0 16	1 5	2 49	24 7	0 23	12 40	1 25	10 28	15 33	6 31	6 59	4 42		n.a.
M16	7 30	18 38	4 35	11 36	0 55	9 56	0 7	23 24	2 10	19 10	0 16	1 3	2 49	24 7	0 23	12 39	1 25	10 28	15 33	6 32	7 0	4 40		n.a.
T 17	7 52	17 37	3 56	11 13	0 40	9 45	0s 0	23 18	2 9	19 13	0 15	1 1	2 49	24 7	0 23	12 39	1 25	10 27	15 33	6 32	7 1	4 38		n.a.
W18	8 14	15 47	3 8	10 47	0 23	9 33	0 7	23 12	2 7	19 16	0 15	1 0	2 49	24 7	0 23	12 38	1 25	10 27	15 33	6 32	7 3	4 37		n.a.
T 19	8 36	13 18	2 12	10 21	0 7	9 21	0 14	23 5	2 5	19 19	0 15	0 58	2 49	24 7	0 23	12 38	1 25	10 26	15 33	6 31	7 4	4 35		n.a.
F 20	8 57	10 18	1 11	9 53	0s10	9 8	0 21	22 59	2 4	19 22	0 15	0 56	2 49	24 7	0 23	12 37	1 25	10 26	15 33	6 30	7 5	4 33		n.a.
S 21	9 19	6 53	0 7	9 25	0 28	8 55	0 27	22 53	2 2	19 25	0 15	0 55	2 49	24 7	0 23	12 37	1 25	10 25	15 33	6 30	7 6	4 31		n.a.
S 22	9 40	3 12	0s57	8 56	0 45	8 41	0 33	22 46	2 0	19 28	0 15	0 53	2 49	24 7	0 23	12 36	1 25	10 25	15 33	6 30	7 7	4 29		n.a.
M23	10 2	0n37	1 59	8 28	1 2	8 27	0 39	22 39	1 59	19 31	0 15	0 51	2 49	24 8	0 23	12 36	1 25	10 24	15 33	6 31	7 9	4 27		n.a.
T 24	10 23	4 27	2 55	8 0	1 18	8 12	0 45	22 33	1 57	19 34	0 14	0 50	2 48	24 8	0 23	12 35	1 25	10 24	15 33	6 33	7 10	4 25		n.a.
W25	10 44	8 9	3 45	7 33	1 35	7 57	0 51	22 26	1 56	19 37	0 14	0 48	2 48	24 8	0 23	12 35	1 25	10 23	15 33	6 35	7 11	4 24		n.a.
T 26	11 5	11 33	4 25	7 7	1 50	7 41	0 56	22 19	1 54	19 40	0 14	0 47	2 48	24 8	0 23	12 34	1 25	10 23	15 33	6 38	7 12	4 22		n.a.
F 27	11 25	14 29	4 52	6 42	2 5	7 25	1 2	22 11	1 52	19 44	0 14	0 45	2 48	24 8	0 23	12 34	1 25	10 23	15 33	6 42	7 14	4 20		n.a.
S 28	11 46	16 48	5 6	6 19	2 19	7 8	1 7	22 4	1 51	19 47	0 14	0 44	2 48	24 8	0 23	12 33	1 26	10 22	15 33	6 45	7 15	4 18		n.a.
S 29	12 6	18 19	5 5	5 58	2 32	6 51	1 12	21 57	1 49	19 50	0 14	0 42	2 48	24 8	0 23	12 33	1 26	10 22	15 33	6 47	7 16	4 16		n.a.
M30	12n26	18n55	4s49	5n40	2s44	6s34	1s17	21n49	1n48	19n52	0s14	0s41	2n48	24s 8	0s23	12s32	1s26	10s21	15s34	6n49	7n17	4s14		n.a.

Julian Day Number = 1499076.5, Delta T = 05h08m24s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'51, Lahiri = -12°21'51 Julian Calendar 1 Apr. 609 BCE == Greg. Calendar 25 March 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

MAY 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 9 31	3♉15'06	16♋35	20°R27	17♓27	2♌ 3	28♉43	8°R 1	2°R28	1♓11	9♈46	12°R48	11♍36	21♓34	n.a.	T 1
W 2	14 13 28	4°12'23	0♌10	20♈15	18°24	2°30	28°56	7♎57	2♏27	1°12	9°47	12°D46	11°33	21°40	n.a.	W 2
T 3	14 17 24	5° 9'39	14° 1	20° 7	19°21	2°57	29° 9	7°53	2°26	1°13	9°49	12♍47	11°30	21°47	n.a.	T 3
F 4	14 21 21	6° 6'54	28° 9	20°D 3	20°18	3°25	29°22	7°50	2°25	1°15	9°50	12°48	11°27	21°54	n.a.	F 4
S 5	14 25 17	7° 4'08	12♍33	20° 4	21°16	3°52	29°35	7°46	2°24	1°16	9°51	12°R48	11°23	22° 0	n.a.	S 5
S 6	14 29 14	8° 1'20	27°11	20° 9	22°14	4°20	29°48	7°43	2°23	1°17	9°52	12°47	11°20	22° 7	n.a.	S 6
M 7	14 33 10	8°58'32	11♎59	20°19	23°13	4°49	0♊ 1	7°39	2°22	1°18	9°54	12°44	11°17	22°14	n.a.	M 7
T 8	14 37 7	9°55'43	26°49	20°33	24°12	5°17	0°14	7°36	2°21	1°19	9°55	12°39	11°14	22°20	n.a.	T 8
W 9	14 41 4	10°52'53	11♏34	20°52	25°11	5°46	0°27	7°32	2°20	1°20	9°56	12°32	11°11	22°27	n.a.	W 9
T 10	14 45 0	11°50'02	26° 6	21°15	26°11	6°14	0°40	7°29	2°19	1°21	9°57	12°23	11° 7	22°33	n.a.	T 10
F 11	14 48 57	12°47'11	10♐19	21°43	27°11	6°43	0°53	7°26	2°17	1°22	9°58	12°14	11° 4	22°40	n.a.	F 11
S 12	14 52 53	13°44'20	24° 7	22°15	28°11	7°13	1° 6	7°23	2°16	1°23	10° 0	12° 5	11° 1	22°47	n.a.	S 12
S 13	14 56 50	14°41'28	7♑29	22°52	29°11	7°42	1°20	7°20	2°15	1°24	10° 1	11°58	10°58	22°53	n.a.	S 13
M14	15 0 46	15°38'37	20°24	23°32	0♈12	8°12	1°33	7°17	2°13	1°25	10° 2	11°53	10°55	23° 0	n.a.	M14
T 15	15 4 43	16°35'45	2♒57	24°17	1°14	8°42	1°46	7°14	2°12	1°26	10° 3	11°50	10°52	23° 7	n.a.	T 15
W16	15 8 40	17°32'52	15°10	25° 6	2°15	9°12	2° 0	7°11	2°10	1°27	10° 4	11°D49	10°48	23°13	n.a.	W16
T 17	15 12 36	18°30'00	27°10	25°59	3°17	9°42	2°13	7° 8	2° 9	1°28	10° 5	11°49	10°45	23°20	n.a.	T 17
F 18	15 16 33	19°27'07	9♓ 0	26°56	4°19	10°13	2°26	7° 5	2° 7	1°29	10° 6	11°R50	10°42	23°27	n.a.	F 18
S 19	15 20 29	20°24'15	20°48	27°56	5°21	10°43	2°39	7° 3	2° 6	1°29	10° 8	11°50	10°39	23°33	n.a.	S 19
S 20	15 24 26	21°21'22	2♈36	29° 1	6°24	11°14	2°53	7° 0	2° 4	1°30	10° 9	11°48	10°36	23°40	n.a.	S 20
M21	15 28 22	22°18'29	14°31	0♉ 9	7°27	11°45	3° 6	6°57	2° 3	1°31	10°10	11°43	10°33	23°47	n.a.	M21
T 22	15 32 19	23°15'37	26°35	1°21	8°30	12°16	3°20	6°55	2° 1	1°31	10°11	11°36	10°29	23°53	n.a.	T 22
W23	15 36 15	24°12'44	8♉51	2°37	9°33	12°48	3°33	6°53	1°59	1°32	10°12	11°27	10°26	24° 0	n.a.	W23
T 24	15 40 12	25° 9'51	21°21	3°56	10°37	13°19	3°46	6°50	1°58	1°33	10°13	11°16	10°23	24° 7	n.a.	T 24
F 25	15 44 9	26° 6'58	4♊ 4	5°19	11°40	13°51	4° 0	6°48	1°56	1°33	10°14	11° 3	10°20	24°13	n.a.	F 25
S 26	15 48 5	27° 4'05	17° 2	6°45	12°44	14°23	4°13	6°46	1°54	1°34	10°15	10°51	10°17	24°20	n.a.	S 26
S 27	15 52 2	28° 1'12	0♋12	8°14	13°48	14°55	4°27	6°44	1°52	1°34	10°16	10°41	10°13	24°27	n.a.	S 27
M28	15 55 58	28°58'19	13°33	9°48	14°53	15°27	4°40	6°42	1°50	1°35	10°17	10°32	10°10	24°33	n.a.	M28
T 29	15 59 55	29°55'25	27° 6	11°24	15°57	16° 0	4°54	6°41	1°48	1°35	10°18	10°26	10° 7	24°40	n.a.	T 29
W30	16 3 51	0♊52'32	10♌48	13° 4	17° 2	16°32	5° 7	6°39	1°46	1°36	10°19	10°23	10° 4	24°46	n.a.	W30
T 31	16 7 48	1♊49'38	24♌41	14♉47	18♈ 7	17♌ 5	5♊21	6♎37	1♑44	1♓36	10♈20	10♍22	10♍ 1	24♓53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	12n46	18n29	4s16	5n23	2s55	6s16	1s21	21n42	1n46	19n55	0s14	0s40	2n48	24s 8	0s23	12s32	1s26	10s21	15s34	6n51	7n18	4s13			n.a.
W 2	13 6	16 59	3 29	5 10	3 5	5 58	1 26	21 34	1 45	19 58	0 14	0 38	2 47	24 8	0 23	12 32	1 26	10 20	15 34	6 51	7 20	4 11			n.a.
T 3	13 25	14 29	2 29	4 59	3 14	5 39	1 30	21 26	1 43	20 1	0 13	0 37	2 47	24 8	0 23	12 31	1 26	10 20	15 34	6 51	7 21	4 9			n.a.
F 4	13 44	11 4	1 18	4 50	3 22	5 20	1 34	21 18	1 42	20 4	0 13	0 36	2 47	24 8	0 23	12 31	1 26	10 20	15 34	6 51	7 22	4 7			n.a.
S 5	14 4	6 55	0 1	4 44	3 28	5 0	1 38	21 10	1 40	20 7	0 13	0 34	2 47	24 8	0 23	12 30	1 26	10 19	15 34	6 51	7 23	4 5			n.a.
S 6	14 22	2 18	1n17	4 42	3 33	4 41	1 42	21 2	1 39	20 10	0 13	0 33	2 47	24 8	0 23	12 30	1 26	10 19	15 34	6 51	7 25	4 3			n.a.
M 7	14 41	2s30	2 30	4 41	3 38	4 20	1 45	20 54	1 37	20 13	0 13	0 32	2 47	24 8	0 23	12 30	1 26	10 19	15 34	6 52	7 26	4 1			n.a.
T 8	14 59	7 10	3 33	4 44	3 41	4 0	1 49	20 45	1 36	20 16	0 13	0 31	2 47	24 8	0 23	12 29	1 26	10 18	15 34	6 54	7 27	3 59			n.a.
W 9	15 18	11 21	4 22	4 49	3 43	3 39	1 52	20 37	1 34	20 19	0 13	0 29	2 46	24 8	0 23	12 29	1 26	10 18	15 35	6 57	7 28	3 58			n.a.
T 10	15 36	14 48	4 53	4 57	3 44	3 18	1 55	20 28	1 33	20 22	0 13	0 28	2 46	24 8	0 23	12 29	1 26	10 18	15 35	7 0	7 29	3 56			n.a.
F 11	15 53	17 16	5 5	5 7	3 44	2 57	1 58	20 19	1 32	20 25	0 12	0 27	2 46	24 8	0 24	12 28	1 26	10 17	15 35	7 4	7 31	3 54			n.a.
S 12	16 11	18 40	4 58	5 20	3 43	2 35	2 1	20 10	1 30	20 28	0 12	0 26	2 46	24 8	0 24	12 28	1 26	10 17	15 35	7 7	7 32	3 52			n.a.
S 13	16 28	18 58	4 36	5 35	3 41	2 13	2 4	20 1	1 29	20 30	0 12	0 25	2 46	24 8	0 24	12 28	1 26	10 17	15 35	7 10	7 33	3 50			n.a.
M14	16 45	18 15	3 59	5 53	3 38	1 51	2 7	19 52	1 27	20 33	0 12	0 24	2 45	24 8	0 24	12 27	1 26	10 16	15 35	7 12	7 34	3 48			n.a.
T 15	17 2	16 39	3 12	6 13	3 35	1 28	2 9	19 43	1 26	20 36	0 12	0 23	2 45	24 8	0 24	12 27	1 26	10 16	15 36	7 13	7 36	3 46			n.a.
W16	17 18	14 19	2 17	6 35	3 30	1 6	2 11	19 34	1 25	20 39	0 12	0 22	2 45	24 9	0 24	12 27	1 26	10 16	15 36	7 13	7 37	3 45			n.a.
T 17	17 34	11 25	1 18	6 59	3 25	0 43	2 13	19 24	1 23	20 42	0 12	0 21	2 45	24 9	0 24	12 27	1 27	10 15	15 36	7 13	7 38	3 43			n.a.
F 18	17 50	8 4	0 15	7 25	3 19	0 20	2 15	19 14	1 22	20 44	0 12	0 20	2 45	24 9	0 24	12 26	1 27	10 15	15 36	7 13	7 39	3 41			n.a.
S 19	18 5	4 26	0s48	7 53	3 13	0n 4	2 17	19 5	1 21	20 47	0 12	0 19	2 44	24 9	0 24	12 26	1 27	10 15	15 36	7 13	7 40	3 39			n.a.
S 20	18 21	0 36	1 48	8 23	3 6	0 27	2 19	18 55	1 19	20 50	0 11	0 18	2 44	24 9	0 24	12 26	1 27	10 15	15 36	7 14	7 42	3 37			n.a.
M21	18 36	3n16	2 45	8 55	2 58	0 51	2 21	18 45	1 18	20 53	0 11	0 18	2 44	24 9	0 24	12 26	1 27	10 14	15 37	7 16	7 43	3 35			n.a.
T 22	18 50	7 4	3 34	9 28	2 49	1 15	2 22	18 35	1 17	20 55	0 11	0 17	2 44	24 9	0 24	12 26	1 27	10 14	15 37	7 18	7 44	3 33			n.a.
W23	19 5	10 37	4 15	10 2	2 40	1 38	2 23	18 24	1 16	20 58	0 11	0 16	2 43	24 9	0 24	12 25	1 27	10 14	15 37	7 22	7 45	3 31			n.a.
T 24	19 19	13 47	4 44	10 38	2 31	2 3	2 25	18 14	1 14	21 1	0 11	0 15	2 43	24 9	0 24	12 25	1 27	10 14	15 37	7 26	7 47	3 29			n.a.
F 25	19 33	16 21	4 59	11 15	2 21	2 27	2 26	18 4	1 13	21 3	0 11	0 15	2 43	24 9	0 24	12 25	1 27	10 14	15 37	7 31	7 48	3 28			n.a.
S 26	19 46	18 9	5 0	11 54	2 11	2 51	2 27	17 53	1 12	21 6	0 11	0 14	2 43	24 9	0 24	12 25	1 27	10 13	15 38	7 36	7 49	3 26			n.a.
S 27	19 59	19 2	4 44	12 33	2 0	3 16	2 27	17 42	1 10	21 9	0 11	0 14	2 43	24 9	0 24	12 25	1 27	10 13	15 38	7 40	7 50	3 24			n.a.
M28	20 12	18 52	4 13	13 14	1 49	3 40	2 28	17 31	1 9	21 11	0 11	0 13	2 42	24 9	0 24	12 25	1 27	10 13	15 38	7 43	7 51	3 22			n.a.
T 29	20 25	17 38	3 28	13 55	1 37	4 5	2 29	17 20	1 8	21 14	0 10	0 13	2 42	24 9	0 24	12 25	1 27	10 13	15 38	7 45	7 53	3 20			n.a.
W30	20 37	15 22	2 30	14 37	1 26	4 29	2 29	17 9	1 7	21 17	0 10	0 12	2 42	24 9	0 24	12 25	1 27	10 13	15 38	7 47	7 54	3 18			n.a.
T 31	20n49	12n11	1s22	15n19	1s14	4n54	2s29	16n58	1n 6	21n19	0s10	0s12	2n42	24s 9	0s24	12s24	1s27	10s13	15s39	7n47	7n55	3s16			n.a.

Julian Day Number = 1499106.5, Delta T = 05h08m22s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'47, Lahiri = -12°21'46 Julian Calendar 1 May 609 BCE == Greg. Calendar 24 Apr. 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

JUNE 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 11 44	2♊46'43	8♍43	16♉33	19♈12	17♌38	5♊34	6°R36	1°R42	1♓36	10♈20	10°R22	9♍58	25♓ 0	n.a.	F 1
S 2	16 15 41	3°43'49	22°54	18°22	20°17	18°11	5°48	6♎34	1♑40	1°37	10°21	10♍22	9°54	25° 6	n.a.	S 2
S 3	16 19 38	4°40'55	7♎14	20°14	21°23	18°44	6° 1	6°33	1°38	1°37	10°22	10°20	9°51	25°13	n.a.	S 3
M 4	16 23 34	5°38'00	21°38	22° 9	22°28	19°18	6°15	6°32	1°36	1°37	10°23	10°16	9°48	25°20	n.a.	M 4
T 5	16 27 31	6°35'06	6♏ 5	24° 6	23°34	19°51	6°28	6°30	1°34	1°37	10°24	10° 9	9°45	25°26	n.a.	T 5
W 6	16 31 27	7°32'12	20°28	26° 6	24°40	20°25	6°42	6°29	1°32	1°38	10°25	10° 0	9°42	25°33	n.a.	W 6
T 7	16 35 24	8°29'18	4♐41	28° 7	25°46	20°59	6°55	6°28	1°30	1°38	10°26	9°49	9°38	25°40	n.a.	T 7
F 8	16 39 20	9°26'24	18°38	0♊11	26°53	21°33	7° 9	6°27	1°28	1°38	10°26	9°37	9°35	25°46	n.a.	F 8
S 9	16 43 17	10°23'31	2♑16	2°16	27°59	22° 7	7°22	6°27	1°26	1°38	10°27	9°26	9°32	25°53	n.a.	S 9
S 10	16 47 14	11°20'38	15°32	4°23	29° 6	22°41	7°36	6°26	1°23	1°38	10°28	9°16	9°29	26° 0	n.a.	S 10
M11	16 51 10	12°17'47	28°25	6°30	0♉13	23°15	7°49	6°25	1°21	1°R38	10°29	9° 9	9°26	26° 6	n.a.	M11
T 12	16 55 7	13°14'55	10♒56	8°38	1°19	23°50	8° 3	6°25	1°19	1°38	10°29	9° 4	9°23	26°13	n.a.	T 12
W13	16 59 3	14°12'05	23°10	10°46	2°27	24°24	8°16	6°24	1°17	1°38	10°30	9° 2	9°19	26°20	n.a.	W13
T 14	17 3 0	15° 9'15	5♓10	12°55	3°34	24°59	8°30	6°24	1°15	1°38	10°31	9° 1	9°16	26°26	n.a.	T 14
F 15	17 6 56	16° 6'26	17° 1	15° 3	4°41	25°34	8°43	6°24	1°12	1°38	10°31	9° 1	9°13	26°33	n.a.	F 15
S 16	17 10 53	17° 3'38	28°50	17°10	5°49	26° 9	8°56	6°24	1°10	1°38	10°32	9° 1	9°10	26°40	n.a.	S 16
S 17	17 14 49	18° 0'51	10♈41	19°18	6°56	26°44	9°10	6°D24	1° 8	1°37	10°33	8°59	9° 7	26°46	n.a.	S 17
M18	17 18 46	18°58'04	22°39	21°24	8° 4	27°20	9°23	6°24	1° 5	1°37	10°33	8°55	9° 4	26°53	n.a.	M18
T 19	17 22 43	19°55'19	4♉49	23°29	9°12	27°55	9°37	6°24	1° 3	1°37	10°34	8°49	9° 0	27° 0	n.a.	T 19
W20	17 26 39	20°52'35	17°15	25°33	10°20	28°31	9°50	6°24	1° 1	1°37	10°34	8°40	8°57	27° 6	n.a.	W20
T 21	17 30 36	21°49'51	29°57	27°36	11°28	29° 6	10° 3	6°24	0°58	1°36	10°35	8°29	8°54	27°13	n.a.	T 21
F 22	17 34 32	22°47'09	12♊58	29°37	12°36	29°42	10°17	6°25	0°56	1°36	10°36	8°17	8°51	27°19	n.a.	F 22
S 23	17 38 29	23°44'28	26°16	1♋37	13°45	0♍18	10°30	6°25	0°54	1°36	10°36	8° 5	8°48	27°26	n.a.	S 23
S 24	17 42 25	24°41'47	9♋49	3°35	14°53	0°54	10°43	6°26	0°51	1°35	10°37	7°54	8°44	27°33	n.a.	S 24
M25	17 46 22	25°39'07	23°34	5°32	16° 2	1°31	10°56	6°27	0°49	1°35	10°37	7°46	8°41	27°39	n.a.	M25
T 26	17 50 18	26°36'28	7♌29	7°28	17°10	2° 7	11°10	6°27	0°46	1°34	10°37	7°40	8°38	27°46	n.a.	T 26
W27	17 54 15	27°33'50	21°29	9°21	18°19	2°43	11°23	6°28	0°44	1°34	10°38	7°37	8°35	27°53	n.a.	W27
T 28	17 58 12	28°31'13	5♍34	11°13	19°28	3°20	11°36	6°29	0°42	1°33	10°38	7°D36	8°32	27°59	n.a.	T 28
F 29	18 2 8	29°28'36	19°41	13° 4	20°37	3°57	11°49	6°31	0°39	1°33	10°39	7°37	8°29	28° 6	n.a.	F 29
S 30	18 6 5	0♋26'00	3♎49	14♋52	21♉46	4♍33	12♊ 2	6♎32	0♑37	1♓32	10♈39	7°R37	8♍25	28♓13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 0	8n17	0s 9	16n 1	1s 2	5n19	2s30	16n47	1n 4	21n22	0s10	0s11	2n41	24s 9	0s24	12s24	1s27	10s12	15s39	7n47	7n56	3s14		n.a.
S 2	21 11	3 52	1n 6	16 43	0 50	5 43	2 30	16 35	1 3	21 24	0 10	0 11	2 41	24 9	0 24	12 24	1 27	10 12	15 39	7 47	7 58	3 12		n.a.
S 3	21 22	0s49	2 17	17 26	0 38	6 8	2 30	16 24	1 2	21 27	0 10	0 11	2 41	24 9	0 24	12 24	1 27	10 12	15 39	7 48	7 59	3 11		n.a.
M 4	21 32	5 28	3 20	18 8	0 27	6 33	2 30	16 12	1 1	21 29	0 10	0 10	2 41	24 9	0 24	12 24	1 28	10 12	15 40	7 49	8 0	3 9		n.a.
T 5	21 42	9 48	4 10	18 49	0 15	6 58	2 29	16 0	1 0	21 31	0 10	0 10	2 40	24 9	0 24	12 24	1 28	10 12	15 40	7 52	8 1	3 7		n.a.
W 6	21 52	13 33	4 44	19 29	0 3	7 23	2 29	15 48	0 58	21 34	0 10	0 10	2 40	24 9	0 24	12 24	1 28	10 12	15 40	7 55	8 2	3 5		n.a.
T 7	22 1	16 27	5 0	20 8	0n 8	7 47	2 29	15 36	0 57	21 36	0 10	0 10	2 40	24 10	0 24	12 24	1 28	10 12	15 40	8 0	8 4	3 3		n.a.
F 8	22 10	18 20	4 57	20 46	0 19	8 12	2 28	15 24	0 56	21 39	0 9	0 10	2 40	24 10	0 24	12 24	1 28	10 12	15 41	8 4	8 5	3 1		n.a.
S 9	22 19	19 7	4 38	21 23	0 29	8 37	2 27	15 12	0 55	21 41	0 9	0 10	2 39	24 10	0 24	12 24	1 28	10 12	15 41	8 8	8 6	2 59		n.a.
S 10	22 27	18 49	4 3	21 57	0 39	9 1	2 27	14 59	0 54	21 43	0 9	0 10	2 39	24 10	0 24	12 24	1 28	10 12	15 41	8 12	8 7	2 57		n.a.
M11	22 35	17 32	3 17	22 29	0 49	9 26	2 26	14 47	0 53	21 46	0 9	0 9	2 39	24 10	0 24	12 24	1 28	10 12	15 41	8 15	8 8	2 55		n.a.
T 12	22 42	15 26	2 23	22 59	0 58	9 50	2 25	14 34	0 51	21 48	0 9	0 10	2 39	24 10	0 24	12 24	1 28	10 11	15 42	8 17	8 10	2 54		n.a.
W13	22 49	12 41	1 23	23 27	1 6	10 14	2 24	14 21	0 50	21 50	0 9	0 10	2 38	24 10	0 24	12 24	1 28	10 11	15 42	8 17	8 11	2 52		n.a.
T 14	22 56	9 26	0 20	23 52	1 13	10 38	2 23	14 8	0 49	21 53	0 9	0 10	2 38	24 10	0 24	12 25	1 28	10 11	15 42	8 18	8 12	2 50		n.a.
F 15	23 2	5 51	0s42	24 15	1 20	11 2	2 22	13 55	0 48	21 55	0 9	0 10	2 38	24 10	0 24	12 25	1 28	10 11	15 42	8 18	8 13	2 48		n.a.
S 16	23 8	2 3	1 43	24 34	1 27	11 26	2 20	13 42	0 47	21 57	0 9	0 10	2 37	24 10	0 24	12 25	1 28	10 11	15 43	8 18	8 14	2 46		n.a.
S 17	23 13	1n50	2 40	24 51	1 32	11 50	2 19	13 29	0 46	21 59	0 9	0 10	2 37	24 10	0 24	12 25	1 28	10 11	15 43	8 19	8 16	2 44		n.a.
M18	23 18	5 41	3 30	25 6	1 37	12 13	2 17	13 16	0 45	22 1	0 8	0 11	2 37	24 10	0 24	12 25	1 28	10 11	15 43	8 20	8 17	2 42		n.a.
T 19	23 23	9 22	4 11	25 17	1 41	12 37	2 16	13 2	0 44	22 3	0 8	0 11	2 37	24 10	0 24	12 25	1 28	10 11	15 44	8 23	8 18	2 40		n.a.
W20	23 27	12 43	4 41	25 26	1 44	13 0	2 14	12 49	0 43	22 6	0 8	0 11	2 36	24 10	0 24	12 25	1 28	10 11	15 44	8 26	8 19	2 38		n.a.
T 21	23 31	15 34	4 58	25 31	1 47	13 23	2 13	12 35	0 41	22 8	0 8	0 12	2 36	24 10	0 24	12 25	1 29	10 12	15 44	8 30	8 21	2 36		n.a.
F 22	23 34	17 42	5 1	25 35	1 49	13 45	2 11	12 22	0 40	22 10	0 8	0 12	2 36	24 10	0 24	12 26	1 29	10 12	15 44	8 35	8 22	2 34		n.a.
S 23	23 37	18 56	4 47	25 35	1 50	14 8	2 9	12 8	0 39	22 12	0 8	0 12	2 36	24 10	0 24	12 26	1 29	10 12	15 45	8 39	8 23	2 33		n.a.
S 24	23 39	19 8	4 17	25 34	1 51	14 30	2 7	11 54	0 38	22 14	0 8	0 13	2 35	24 10	0 24	12 26	1 29	10 12	15 45	8 43	8 24	2 31		n.a.
M25	23 42	18 12	3 31	25 29	1 51	14 52	2 5	11 40	0 37	22 16	0 8	0 14	2 35	24 10	0 24	12 26	1 29	10 12	15 45	8 46	8 25	2 29		n.a.
T 26	23 43	16 11	2 33	25 23	1 50	15 14	2 3	11 26	0 36	22 18	0 8	0 14	2 35	24 10	0 24	12 26	1 29	10 12	15 46	8 48	8 27	2 27		n.a.
W27	23 45	13 12	1 25	25 14	1 49	15 35	2 1	11 11	0 35	22 20	0 7	0 15	2 34	24 10	0 24	12 27	1 29	10 12	15 46	8 50	8 28	2 25		n.a.
T 28	23 45	9 26	0 11	25 4	1 47	15 56	1 59	10 57	0 34	22 22	0 7	0 15	2 34	24 10	0 24	12 27	1 29	10 12	15 46	8 50	8 29	2 23		n.a.
F 29	23 46	5 7	1n 4	24 51	1 45	16 17	1 56	10 43	0 33	22 24	0 7	0 16	2 34	24 10	0 24	12 27	1 29	10 12	15 46	8 50	8 30	2 21		n.a.
S 30	23n46	0n31	2n15	24n37	1n42	16n37	1s54	10n28	0n32	22n25	0s 7	0s17	2n34	24s10	0s24	12s27	1s29	10s12	15s47	8n50	8n31	2s19		n.a.

Julian Day Number = 1499137.5, Delta T = 05h08m21s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'43, Lahiri = -12°21'42 Julian Calendar 1 June 609 BCE == Greg. Calendar 25 May 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

JULY 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 10 1	1♋23'24	17♎58	16♋40	22♉56	5♍10	12♊15	6♎33	0°R34	1°R32	10♈39	7°R36	8♍22	28♓19	n.a.	S 1
M 2	18 13 58	2°20'50	2♏ 5	18°25	24° 5	5°47	12°28	6°34	0♉32	1♓31	10°40	7♍32	8°19	28°26	n.a.	M 2
T 3	18 17 54	3°18'17	16° 8	20° 9	25°14	6°25	12°42	6°36	0°30	1°30	10°40	7°27	8°16	28°33	n.a.	T 3
W 4	18 21 51	4°15'44	0♐ 5	21°52	26°24	7° 2	12°55	6°38	0°27	1°30	10°40	7°19	8°13	28°39	n.a.	W 4
T 5	18 25 47	5°13'13	13°52	23°32	27°34	7°39	13° 7	6°39	0°25	1°29	10°41	7°10	8°10	28°46	n.a.	T 5
F 6	18 29 44	6°10'42	27°27	25°12	28°43	8°17	13°20	6°41	0°22	1°28	10°41	6°59	8° 6	28°53	n.a.	F 6
S 7	18 33 41	7° 8'13	10♑45	26°49	29°53	8°54	13°33	6°43	0°20	1°27	10°41	6°50	8° 3	28°59	n.a.	S 7
S 8	18 37 37	8° 5'46	23°46	28°26	1♊ 3	9°32	13°46	6°45	0°18	1°26	10°41	6°42	8° 0	29° 6	n.a.	S 8
M 9	18 41 34	9° 3'19	6♒29	0♌ 0	2°13	10°10	13°59	6°47	0°15	1°26	10°42	6°35	7°57	29°13	n.a.	M 9
T 10	18 45 30	10° 0'54	18°54	1°33	3°23	10°48	14°12	6°49	0°13	1°25	10°42	6°32	7°54	29°19	n.a.	T 10
W11	18 49 27	10°58'31	1♓ 5	3° 5	4°34	11°26	14°24	6°51	0°11	1°24	10°42	6°D30	7°50	29°26	n.a.	W11
T 12	18 53 23	11°56'09	13° 3	4°34	5°44	12° 4	14°37	6°54	0° 8	1°23	10°42	6°30	7°47	29°33	n.a.	T 12
F 13	18 57 20	12°53'49	24°55	6° 3	6°54	12°42	14°50	6°56	0° 6	1°22	10°42	6°31	7°44	29°39	n.a.	F 13
S 14	19 1 16	13°51'30	6♈43	7°29	8° 5	13°20	15° 2	6°58	0° 4	1°21	10°42	6°32	7°41	29°46	n.a.	S 14
S 15	19 5 13	14°49'14	18°35	8°55	9°16	13°59	15°15	7° 1	0° 1	1°20	10°42	6°R32	7°38	29°53	n.a.	S 15
M16	19 9 10	15°46'59	0♉35	10°18	10°26	14°37	15°27	7° 4	29♐59	1°19	10°42	6°31	7°35	29°59	n.a.	M16
T 17	19 13 6	16°44'46	12°47	11°40	11°37	15°16	15°40	7° 6	29°57	1°18	10°42	6°28	7°31	0♈ 6	n.a.	T 17
W18	19 17 3	17°42'34	25°17	13° 0	12°48	15°55	15°52	7° 9	29°54	1°17	10°R42	6°23	7°28	0°13	n.a.	W18
T 19	19 20 59	18°40'25	8♊ 7	14°18	13°59	16°34	16° 5	7°12	29°52	1°16	10°42	6°16	7°25	0°19	n.a.	T 19
F 20	19 24 56	19°38'17	21°19	15°35	15°10	17°13	16°17	7°15	29°50	1°15	10°42	6° 8	7°22	0°26	n.a.	F 20
S 21	19 28 52	20°36'11	4♋52	16°49	16°21	17°52	16°29	7°18	29°48	1°13	10°42	6° 0	7°19	0°32	n.a.	S 21
S 22	19 32 49	21°34'07	18°45	18° 2	17°33	18°31	16°41	7°22	29°46	1°12	10°42	5°54	7°16	0°39	n.a.	S 22
M23	19 36 45	22°32'05	2♌54	19°13	18°44	19°10	16°53	7°25	29°43	1°11	10°42	5°48	7°12	0°46	n.a.	M23
T 24	19 40 42	23°30'04	17°14	20°22	19°55	19°50	17° 5	7°28	29°41	1°10	10°42	5°45	7° 9	0°52	n.a.	T 24
W25	19 44 39	24°28'05	1♍40	21°28	21° 7	20°29	17°17	7°32	29°39	1° 9	10°42	5°D44	7° 6	0°59	n.a.	W25
T 26	19 48 35	25°26'07	16° 7	22°32	22°18	21° 9	17°29	7°35	29°37	1° 7	10°42	5°44	7° 3	1° 6	n.a.	T 26
F 27	19 52 32	26°24'10	0♎30	23°34	23°30	21°48	17°41	7°39	29°35	1° 6	10°42	5°45	7° 0	1°12	n.a.	F 27
S 28	19 56 28	27°22'16	14°47	24°33	24°42	22°28	17°53	7°42	29°33	1° 5	10°41	5°46	6°56	1°19	n.a.	S 28
S 29	20 0 25	28°20'22	28°55	25°30	25°54	23° 8	18° 5	7°46	29°31	1° 3	10°41	5°R47	6°53	1°26	n.a.	S 29
M30	20 4 21	29°18'31	12♏53	26°23	27° 6	23°48	18°16	7°50	29°29	1° 2	10°41	5°46	6°50	1°32	n.a.	M30
T 31	20 8 18	0♌16'40	26♏40	27♌14	28♊17	24♍28	18♊28	7♎54	29♐27	1♓ 1	10♈41	5♍44	6♍47	1♈39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n46	4s 6	3n18	24n20	1n39	16n57	1s52	10n13	0n31	22n27	0s 7	0s18	2n33	24s10	0s24	12s28	1s29	10s12	15s47	8n50	8n33	2s17			n.a.
M 2	23 45	8 29	4 8	24 3	1 35	17 17	1 49	9 59	0 30	22 29	0 7	0 18	2 33	24 10	0 24	12 28	1 29	10 13	15 47	8 51	8 34	2 15			n.a.
T 3	23 43	12 22	4 43	23 43	1 31	17 36	1 47	9 44	0 29	22 31	0 7	0 19	2 33	24 10	0 24	12 28	1 29	10 13	15 48	8 53	8 35	2 13			n.a.
W 4	23 42	15 32	5 2	23 23	1 26	17 55	1 44	9 29	0 28	22 33	0 7	0 20	2 33	24 10	0 24	12 29	1 29	10 13	15 48	8 56	8 36	2 11			n.a.
T 5	23 40	17 47	5 2	23 1	1 21	18 14	1 42	9 14	0 27	22 34	0 7	0 21	2 32	24 10	0 24	12 29	1 29	10 13	15 48	9 0	8 37	2 10			n.a.
F 6	23 37	18 59	4 45	22 37	1 15	18 32	1 39	8 59	0 26	22 36	0 7	0 22	2 32	24 10	0 24	12 29	1 29	10 13	15 49	9 4	8 39	2 8			n.a.
S 7	23 34	19 7	4 13	22 13	1 10	18 50	1 36	8 44	0 25	22 38	0 6	0 23	2 32	24 10	0 24	12 30	1 29	10 13	15 49	9 7	8 40	2 6			n.a.
S 8	23 31	18 14	3 28	21 47	1 3	19 7	1 34	8 28	0 24	22 40	0 6	0 24	2 32	24 10	0 24	12 30	1 29	10 14	15 49	9 10	8 41	2 4			n.a.
M 9	23 27	16 26	2 34	21 21	0 57	19 24	1 31	8 13	0 23	22 41	0 6	0 25	2 31	24 10	0 24	12 30	1 29	10 14	15 49	9 13	8 42	2 2			n.a.
T 10	23 23	13 53	1 33	20 54	0 50	19 41	1 28	7 57	0 22	22 43	0 6	0 26	2 31	24 10	0 24	12 31	1 30	10 14	15 50	9 14	8 43	2 0			n.a.
W11	23 18	10 47	0 29	20 26	0 43	19 57	1 25	7 42	0 21	22 44	0 6	0 27	2 31	24 10	0 24	12 31	1 30	10 14	15 50	9 15	8 45	1 58			n.a.
T 12	23 13	7 17	0s35	19 57	0 35	20 12	1 23	7 26	0 20	22 46	0 6	0 28	2 30	24 10	0 24	12 31	1 30	10 15	15 50	9 15	8 46	1 56			n.a.
F 13	23 8	3 32	1 38	19 28	0 28	20 27	1 20	7 11	0 19	22 48	0 6	0 30	2 30	24 10	0 24	12 32	1 30	10 15	15 51	9 14	8 47	1 54			n.a.
S 14	23 2	0n20	2 36	18 58	0 20	20 42	1 17	6 55	0 18	22 49	0 6	0 31	2 30	24 10	0 24	12 32	1 30	10 15	15 51	9 14	8 48	1 52			n.a.
S 15	22 56	4 12	3 27	18 28	0 12	20 56	1 14	6 39	0 17	22 51	0 6	0 32	2 30	24 10	0 24	12 33	1 30	10 15	15 51	9 14	8 49	1 50			n.a.
M16	22 49	7 56	4 10	17 57	0 3	21 9	1 11	6 23	0 16	22 52	0 6	0 33	2 29	24 10	0 24	12 33	1 30	10 16	15 52	9 15	8 51	1 48			n.a.
T 17	22 42	11 24	4 43	17 26	0s 6	21 22	1 8	6 7	0 15	22 53	0 6	0 35	2 29	24 10	0 24	12 33	1 30	10 16	15 52	9 16	8 52	1 46			n.a.
W18	22 35	14 27	5 3	16 55	0 14	21 34	1 5	5 51	0 14	22 55	0 5	0 36	2 29	24 10	0 24	12 34	1 30	10 16	15 52	9 18	8 53	1 44			n.a.
T 19	22 27	16 53	5 8	16 23	0 23	21 46	1 2	5 35	0 13	22 56	0 5	0 38	2 29	24 10	0 24	12 34	1 30	10 16	15 52	9 20	8 54	1 42			n.a.
F 20	22 18	18 32	4 58	15 52	0 33	21 57	0 59	5 19	0 13	22 58	0 5	0 39	2 28	24 10	0 24	12 35	1 30	10 17	15 53	9 23	8 55	1 41			n.a.
S 21	22 10	19 10	4 30	15 21	0 42	22 8	0 56	5 2	0 12	22 59	0 5	0 40	2 28	24 10	0 24	12 35	1 30	10 17	15 53	9 26	8 57	1 39			n.a.
S 22	22 1	18 41	3 47	14 49	0 51	22 18	0 53	4 46	0 11	23 0	0 5	0 42	2 28	24 10	0 24	12 36	1 30	10 17	15 53	9 28	8 58	1 37			n.a.
M23	21 51	17 3	2 48	14 18	1 1	22 28	0 49	4 30	0 10	23 2	0 5	0 43	2 28	24 10	0 24	12 36	1 30	10 18	15 54	9 30	8 59	1 35			n.a.
T 24	21 41	14 19	1 39	13 47	1 11	22 36	0 46	4 13	0 9	23 3	0 5	0 45	2 27	24 10	0 24	12 37	1 30	10 18	15 54	9 32	9 0	1 33			n.a.
W25	21 31	10 41	0 22	13 16	1 20	22 45	0 43	3 56	0 8	23 4	0 5	0 47	2 27	24 10	0 24	12 37	1 30	10 18	15 54	9 32	9 1	1 31			n.a.
T 26	21 21	6 25	0n56	12 46	1 30	22 52	0 40	3 40	0 7	23 6	0 5	0 48	2 27	24 10	0 24	12 38	1 30	10 19	15 55	9 32	9 3	1 29			n.a.
F 27	21 10	1 48	2 11	12 17	1 40	22 59	0 37	3 23	0 6	23 7	0 4	0 50	2 27	24 10	0 24	12 38	1 30	10 19	15 55	9 32	9 4	1 27			n.a.
S 28	20 58	2s53	3 17	11 47	1 50	23 6	0 34	3 6	0 5	23 8	0 4	0 52	2 27	24 10	0 24	12 39	1 30	10 19	15 55	9 31	9 5	1 25			n.a.
S 29	20 47	7 21	4 10	11 19	2 0	23 11	0 31	2 50	0 4	23 9	0 4	0 53	2 26	24 10	0 24	12 39	1 30	10 20	15 55	9 31	9 6	1 23			n.a.
M30	20 34	11 21	4 47	10 51	2 10	23 16	0 28	2 33	0 3	23 10	0 4	0 55	2 26	24 10	0 24	12 40	1 30	10 20	15 56	9 31	9 7	1 21			n.a.
T 31	20n22	14s41	5n 8	10n25	2s20	23n21	0s25	2n16	0n 3	23n11	0s 4	0s57	2n26	24s10	0s24	12s40	1s30	10s20	15s56	9n32	9n 9	1s19			n.a.

Julian Day Number = 1499167.5, Delta T = 05h08m19s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'39, Lahiri = -12°21'38 Julian Calendar 1 July 609 BCE == Greg. Calendar 24 June 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

AUGUST 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 12 14	1♌14'52	10♐15	28♌ 1	29♊30	25♍ 8	18♊39	7♎58	29°R25	0°R59	10°R40	5°R40	6♍44	1♈46	n.a.	W 1
T 2	20 16 11	2°13'05	23°38	28°45	0♋42	25°48	18°51	8° 2	29♐23	0♓58	10♈40	5♍35	6°41	1°52	n.a.	T 2
F 3	20 20 8	3°11'20	6♑48	29°26	1°54	26°29	19° 2	8° 6	29°21	0°56	10°40	5°30	6°37	1°59	n.a.	F 3
S 4	20 24 4	4° 9'36	19°44	0♍ 2	3° 6	27° 9	19°14	8°10	29°19	0°55	10°39	5°24	6°34	2° 6	n.a.	S 4
S 5	20 28 1	5° 7'55	2♒25	0°34	4°18	27°49	19°25	8°15	29°18	0°54	10°39	5°20	6°31	2°12	n.a.	S 5
M 6	20 31 57	6° 6'15	14°53	1° 2	5°31	28°30	19°36	8°19	29°16	0°52	10°39	5°17	6°28	2°19	n.a.	M 6
T 7	20 35 54	7° 4'37	27° 8	1°25	6°43	29°11	19°47	8°24	29°14	0°51	10°38	5°16	6°25	2°26	n.a.	T 7
W 8	20 39 50	8° 3'02	9♓12	1°42	7°56	29°51	19°58	8°28	29°12	0°49	10°38	5°D15	6°22	2°32	n.a.	W 8
T 9	20 43 47	9° 1'28	21° 7	1°54	9° 9	0♎32	20° 9	8°33	29°11	0°48	10°37	5°16	6°18	2°39	n.a.	T 9
F 10	20 47 43	9°59'57	2♈57	2° 1	10°21	1°13	20°20	8°37	29° 9	0°46	10°37	5°18	6°15	2°46	n.a.	F 10
S 11	20 51 40	10°58'27	14°46	2°R 1	11°34	1°54	20°30	8°42	29° 7	0°45	10°36	5°20	6°12	2°52	n.a.	S 11
S 12	20 55 37	11°57'00	26°37	1°55	12°47	2°35	20°41	8°47	29° 6	0°43	10°36	5°21	6° 9	2°59	n.a.	S 12
M13	20 59 33	12°55'36	8♉36	1°42	14° 0	3°17	20°52	8°52	29° 4	0°41	10°35	5°R22	6° 6	3° 6	n.a.	M13
T 14	21 3 30	13°54'13	20°47	1°23	15°13	3°58	21° 2	8°57	29° 3	0°40	10°35	5°22	6° 2	3°12	n.a.	T 14
W15	21 7 26	14°52'54	3♊15	0°56	16°26	4°39	21°12	9° 2	29° 1	0°38	10°34	5°21	5°59	3°19	n.a.	W15
T 16	21 11 23	15°51'36	16° 5	0°23	17°39	5°21	21°23	9° 7	29° 0	0°37	10°34	5°19	5°56	3°26	n.a.	T 16
F 17	21 15 19	16°50'21	29°18	29♌42	18°52	6° 2	21°33	9°12	28°59	0°35	10°33	5°16	5°53	3°32	n.a.	F 17
S 18	21 19 16	17°49'08	12♋57	28°56	20° 6	6°44	21°43	9°17	28°57	0°33	10°32	5°14	5°50	3°39	n.a.	S 18
S 19	21 23 12	18°47'57	27° 0	28° 3	21°19	7°26	21°53	9°22	28°56	0°32	10°32	5°12	5°47	3°46	n.a.	S 19
M20	21 27 9	19°46'49	11♌25	27° 5	22°32	8° 8	22° 3	9°27	28°55	0°30	10°31	5°10	5°43	3°52	n.a.	M20
T 21	21 31 5	20°45'43	26° 6	26° 3	23°46	8°49	22°12	9°33	28°54	0°29	10°30	5° 9	5°40	3°59	n.a.	T 21
W22	21 35 2	21°44'39	10♍57	24°58	24°59	9°31	22°22	9°38	28°52	0°27	10°30	5°D 9	5°37	4° 6	n.a.	W22
T 23	21 38 59	22°43'36	25°49	23°52	26°13	10°14	22°32	9°44	28°51	0°25	10°29	5°10	5°34	4°12	n.a.	T 23
F 24	21 42 55	23°42'36	10♎35	22°45	27°26	10°56	22°41	9°49	28°50	0°24	10°28	5°11	5°31	4°19	n.a.	F 24
S 25	21 46 52	24°41'38	25°10	21°41	28°40	11°38	22°50	9°55	28°49	0°22	10°28	5°11	5°27	4°26	n.a.	S 25
S 26	21 50 48	25°40'41	9♏29	20°40	29°54	12°20	23° 0	10° 1	28°48	0°20	10°27	5°12	5°24	4°32	n.a.	S 26
M27	21 54 45	26°39'47	23°30	19°44	1♌ 8	13° 3	23° 9	10° 6	28°47	0°19	10°26	5°R12	5°21	4°39	n.a.	M27
T 28	21 58 41	27°38'54	7♐12	18°55	2°22	13°45	23°18	10°12	28°46	0°17	10°25	5°12	5°18	4°46	n.a.	T 28
W29	22 2 38	28°38'03	20°35	18°14	3°35	14°28	23°27	10°18	28°46	0°15	10°25	5°12	5°15	4°52	n.a.	W29
T 30	22 6 34	29°37'14	3♑40	17°42	4°49	15°10	23°35	10°24	28°45	0°14	10°24	5°11	5°12	4°59	n.a.	T 30
F 31	22 10 31	0♍36'27	16♑30	17♌20	6♌ 3	15♎53	23♊44	10♎30	28♐44	0♓12	10♈23	5♍11	5♍ 8	5♈ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	20n 9	17s10	5n11	9n59	2s29	23n24	0s21	1n59	0n 2	23n12	0s 4	0s59	2n26	24s10	0s24	12s41	1s30	10s21	15s56	9n34	9n10	1s17			n.a.
T 2	19 56	18 40	4 57	9 35	2 39	23 27	0 18	1 42	0 1	23 14	0 4	1 0	2 25	24 10	0 24	12 41	1 30	10 21	15 57	9 35	9 11	1 15			n.a.
F 3	19 43	19 9	4 27	9 12	2 48	23 30	0 15	1 25	0s 0	23 15	0 4	1 2	2 25	24 10	0 24	12 42	1 31	10 21	15 57	9 37	9 12	1 13			n.a.
S 4	19 29	18 36	3 44	8 51	2 58	23 31	0 12	1 8	0 1	23 16	0 4	1 4	2 25	24 10	0 24	12 42	1 31	10 22	15 57	9 39	9 13	1 11			n.a.
S 5	19 15	17 7	2 50	8 31	3 7	23 32	0 9	0 51	0 2	23 17	0 4	1 6	2 25	24 10	0 24	12 43	1 31	10 22	15 58	9 41	9 14	1 9			n.a.
M 6	19 0	14 51	1 50	8 13	3 15	23 33	0 6	0 34	0 3	23 18	0 3	1 8	2 24	24 10	0 24	12 43	1 31	10 23	15 58	9 42	9 16	1 7			n.a.
T 7	18 45	11 56	0 44	7 57	3 24	23 32	0 3	0 17	0 3	23 19	0 3	1 10	2 24	24 10	0 24	12 44	1 31	10 23	15 58	9 43	9 17	1 6			n.a.
W 8	18 30	8 34	0s22	7 44	3 31	23 31	0 0	0s 1	0 4	23 20	0 3	1 12	2 24	24 10	0 24	12 45	1 31	10 24	15 58	9 43	9 18	1 4			n.a.
T 9	18 15	4 53	1 26	7 33	3 38	23 29	0n 3	0 18	0 5	23 21	0 3	1 14	2 24	24 10	0 24	12 45	1 31	10 24	15 59	9 42	9 19	1 2			n.a.
F 10	17 59	1 3	2 27	7 24	3 45	23 27	0 6	0 35	0 6	23 21	0 3	1 16	2 24	24 10	0 24	12 46	1 31	10 24	15 59	9 42	9 20	1 0			n.a.
S 11	17 43	2n49	3 21	7 19	3 51	23 24	0 9	0 52	0 7	23 22	0 3	1 18	2 23	24 10	0 24	12 46	1 31	10 25	15 59	9 41	9 22	0 58			n.a.
S 12	17 26	6 34	4 7	7 16	3 56	23 20	0 11	1 10	0 8	23 23	0 3	1 20	2 23	24 10	0 24	12 47	1 31	10 25	15 59	9 41	9 23	0 56			n.a.
M13	17 10	10 7	4 42	7 17	3 59	23 15	0 14	1 27	0 9	23 24	0 3	1 22	2 23	24 10	0 24	12 47	1 31	10 26	16 0	9 40	9 24	0 54			n.a.
T 14	16 53	13 17	5 6	7 22	4 2	23 10	0 17	1 44	0 9	23 25	0 3	1 25	2 23	24 10	0 24	12 48	1 31	10 26	16 0	9 40	9 25	0 52			n.a.
W15	16 36	15 56	5 16	7 30	4 3	23 4	0 20	2 2	0 10	23 26	0 3	1 27	2 23	24 10	0 24	12 49	1 31	10 27	16 0	9 41	9 26	0 50			n.a.
T 16	16 18	17 53	5 10	7 42	4 3	22 58	0 23	2 19	0 11	23 26	0 2	1 29	2 22	24 10	0 24	12 49	1 31	10 27	16 0	9 41	9 28	0 48			n.a.
F 17	16 0	18 57	4 49	7 58	4 1	22 50	0 25	2 37	0 12	23 27	0 2	1 31	2 22	24 10	0 24	12 50	1 31	10 27	16 1	9 42	9 29	0 46			n.a.
S 18	15 42	18 58	4 10	8 18	3 58	22 42	0 28	2 54	0 13	23 28	0 2	1 33	2 22	24 10	0 24	12 50	1 31	10 28	16 1	9 43	9 30	0 44			n.a.
S 19	15 24	17 50	3 16	8 41	3 52	22 33	0 31	3 11	0 13	23 29	0 2	1 36	2 22	24 10	0 24	12 51	1 31	10 28	16 1	9 44	9 31	0 42			n.a.
M20	15 5	15 33	2 8	9 8	3 44	22 24	0 33	3 29	0 14	23 29	0 2	1 38	2 22	24 10	0 24	12 52	1 31	10 29	16 1	9 45	9 32	0 40			n.a.
T 21	14 46	12 12	0 50	9 38	3 35	22 14	0 36	3 46	0 15	23 30	0 2	1 40	2 21	24 10	0 24	12 52	1 31	10 29	16 2	9 45	9 33	0 38			n.a.
W22	14 27	8 3	0n32	10 11	3 23	22 3	0 38	4 4	0 16	23 31	0 2	1 42	2 21	24 10	0 24	12 53	1 31	10 30	16 2	9 45	9 35	0 36			n.a.
T 23	14 8	3 24	1 52	10 46	3 10	21 52	0 41	4 21	0 16	23 32	0 2	1 45	2 21	24 10	0 24	12 53	1 31	10 30	16 2	9 45	9 36	0 34			n.a.
F 24	13 48	1s26	3 4	11 22	2 55	21 40	0 43	4 39	0 17	23 32	0 2	1 47	2 21	24 10	0 24	12 54	1 31	10 31	16 2	9 44	9 37	0 32			n.a.
S 25	13 28	6 6	4 3	11 59	2 38	21 27	0 46	4 56	0 18	23 33	0 1	1 50	2 21	24 10	0 24	12 55	1 31	10 31	16 3	9 44	9 38	0 30			n.a.
S 26	13 8	10 20	4 46	12 36	2 20	21 14	0 48	5 14	0 19	23 33	0 1	1 52	2 21	24 10	0 24	12 55	1 31	10 32	16 3	9 44	9 39	0 28			n.a.
M27	12 48	13 53	5 11	13 11	2 1	21 0	0 50	5 31	0 20	23 34	0 1	1 54	2 20	24 10	0 24	12 56	1 31	10 32	16 3	9 44	9 41	0 26			n.a.
T 28	12 27	16 36	5 17	13 45	1 41	20 45	0 52	5 49	0 20	23 35	0 1	1 57	2 20	24 10	0 24	12 57	1 31	10 33	16 3	9 44	9 42	0 24			n.a.
W29	12 7	18 20	5 6	14 17	1 21	20 30	0 55	6 6	0 21	23 35	0 1	1 59	2 20	24 10	0 24	12 57	1 31	10 33	16 3	9 44	9 43	0 22			n.a.
T 30	11 46	19 4	4 39	14 46	1 1	20 14	0 57	6 23	0 22	23 36	0 1	2 2	2 20	24 10	0 24	12 58	1 31	10 34	16 4	9 44	9 44	0 20			n.a.
F 31	11n24	18s47	3n59	15n11	0s42	19n58	0n59	6s41	0s23	23n36	0s 1	2s 4	2n20	24s10	0s24	12s58	1s31	10s34	16s 4	9n44	9n45	0s18			n.a.

Julian Day Number = 1499198.5, Delta T = 05h08m18s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'34, Lahiri = -12°21'34 Julian Calendar 1 Aug. 609 BCE == Greg. Calendar 25 July 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

SEPTEMBER 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 14 28	1♍35'42	29♉ 5	17°R 8	7♌18	16♎36	23♊52	10♎35	28°R43	0°R10	10°R22	5°R10	5♍ 5	5♈12	n.a.	S 1
S 2	22 18 24	2°34'59	11♒28	17°D 7	8°32	17°19	24° 1	10°41	28♐43	0♓ 9	10♈21	5♍10	5° 2	5°19	n.a.	S 2
M 3	22 22 21	3°34'18	23°41	17♌17	9°46	18° 2	24° 9	10°48	28°42	0° 7	10°20	5°10	4°59	5°26	n.a.	M 3
T 4	22 26 17	4°33'39	5♓44	17°36	11° 0	18°45	24°17	10°54	28°42	0° 5	10°20	5°10	4°56	5°32	n.a.	T 4
W 5	22 30 14	5°33'02	17°41	18° 6	12°14	19°28	24°25	11° 0	28°41	0° 4	10°19	5°10	4°53	5°39	n.a.	W 5
T 6	22 34 10	6°32'28	29°32	18°45	13°29	20°11	24°33	11° 6	28°41	0° 2	10°18	5°10	4°49	5°46	n.a.	T 6
F 7	22 38 7	7°31'55	11♈21	19°33	14°43	20°54	24°41	11°12	28°40	0° 0	10°17	5° 9	4°46	5°52	n.a.	F 7
S 8	22 42 3	8°31'25	23° 9	20°29	15°57	21°38	24°48	11°18	28°40	29♒59	10°16	5° 9	4°43	5°59	n.a.	S 8
S 9	22 46 0	9°30'57	5♉ 1	21°32	17°12	22°21	24°56	11°25	28°39	29°57	10°15	5° 8	4°40	6° 6	n.a.	S 9
M10	22 49 56	10°30'32	17° 0	22°41	18°26	23° 4	25° 3	11°31	28°39	29°55	10°14	5° 8	4°37	6°12	n.a.	M10
T 11	22 53 53	11°30'09	29°10	23°56	19°41	23°48	25°10	11°37	28°39	29°54	10°13	5° 7	4°33	6°19	n.a.	T 11
W12	22 57 50	12°29'49	11♊34	25°15	20°56	24°32	25°17	11°44	28°39	29°52	10°12	5°D 7	4°30	6°26	n.a.	W12
T 13	23 1 46	13°29'31	24°18	26°39	22°10	25°15	25°24	11°50	28°39	29°50	10°11	5° 7	4°27	6°32	n.a.	T 13
F 14	23 5 43	14°29'15	7♋25	28° 7	23°25	25°59	25°31	11°57	28°39	29°49	10°10	5° 8	4°24	6°39	n.a.	F 14
S 15	23 9 39	15°29'02	20°58	29°37	24°40	26°43	25°37	12° 3	28°D39	29°47	10° 9	5° 9	4°21	6°46	n.a.	S 15
S 16	23 13 36	16°28'51	4♌59	1♍10	25°54	27°27	25°44	12°10	28°39	29°46	10° 8	5°10	4°18	6°52	n.a.	S 16
M17	23 17 32	17°28'42	19°25	2°45	27° 9	28°11	25°50	12°16	28°39	29°44	10° 7	5°11	4°14	6°59	n.a.	M17
T 18	23 21 29	18°28'35	4♍13	4°22	28°24	28°55	25°56	12°23	28°39	29°42	10° 6	5°R11	4°11	7° 6	n.a.	T 18
W19	23 25 25	19°28'31	19°17	6° 0	29°39	29°39	26° 2	12°30	28°39	29°41	10° 5	5°11	4° 8	7°12	n.a.	W19
T 20	23 29 22	20°28'29	4♎28	7°39	0♍54	0♏23	26° 8	12°36	28°39	29°39	10° 4	5° 9	4° 5	7°19	n.a.	T 20
F 21	23 33 18	21°28'28	19°37	9°18	2° 9	1° 7	26°13	12°43	28°40	29°38	10° 3	5° 8	4° 2	7°26	n.a.	F 21
S 22	23 37 15	22°28'30	4♏33	10°59	3°24	1°52	26°19	12°50	28°40	29°36	10° 2	5° 5	3°58	7°32	n.a.	S 22
S 23	23 41 12	23°28'33	19°10	12°39	4°39	2°36	26°24	12°57	28°41	29°35	10° 1	5° 3	3°55	7°39	n.a.	S 23
M24	23 45 8	24°28'38	3♐23	14°20	5°54	3°21	26°29	13° 3	28°41	29°33	10° 0	5° 1	3°52	7°46	n.a.	M24
T 25	23 49 5	25°28'45	17°10	16° 0	7° 9	4° 5	26°34	13°10	28°41	29°32	9°58	5° 0	3°49	7°52	n.a.	T 25
W26	23 53 1	26°28'54	0♑32	17°41	8°24	4°50	26°39	13°17	28°42	29°30	9°57	5°D 0	3°46	7°59	n.a.	W26
T 27	23 56 58	27°29'04	13°30	19°21	9°39	5°34	26°44	13°24	28°43	29°29	9°56	5° 1	3°43	8° 6	n.a.	T 27
F 28	0 0 54	28°29'16	26° 9	21° 2	10°54	6°19	26°48	13°31	28°43	29°28	9°55	5° 2	3°39	8°12	n.a.	F 28
S 29	0 4 51	29°29'29	8♒31	22°42	12° 9	7° 4	26°53	13°38	28°44	29°26	9°54	5° 4	3°36	8°19	n.a.	S 29
S 30	0 8 47	0♎29'44	20♒40	24♍21	13♍25	7♏49	26♊57	13♎45	28♐45	29♒25	9♈53	5♍ 6	3♍33	8♈26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 3	17s34	3n 7	15n33	0s23	19n41	1n 1	6s58	0s23	23n37	0s 1	2s 7	2n20	24s10	0s24	12s59	1s31	10s35	16s 4	9n45	9n46	0s16		n.a.
S 2	10 42	15 32	2 8	15 51	0 5	19 23	1 3	7 15	0 24	23 37	0 0	2 9	2 20	24 10	0 24	13 0	1 31	10 35	16 4	9 45	9 48	0 14		n.a.
M 3	10 20	12 49	1 3	16 4	0n13	19 5	1 5	7 33	0 25	23 38	0 0	2 12	2 19	24 10	0 24	13 0	1 31	10 36	16 4	9 45	9 49	0 13		n.a.
T 4	9 58	9 35	0s 3	16 13	0 28	18 46	1 6	7 50	0 25	23 38	0 0	2 14	2 19	24 10	0 24	13 1	1 31	10 36	16 5	9 45	9 50	0 11		n.a.
W 5	9 36	5 59	1 9	16 18	0 43	18 27	1 8	8 7	0 26	23 39	0 0	2 17	2 19	24 10	0 24	13 1	1 31	10 37	16 5	9 45	9 51	0 9		n.a.
T 6	9 14	2 12	2 11	16 18	0 56	18 7	1 10	8 24	0 27	23 39	0 0	2 19	2 19	24 10	0 24	13 2	1 31	10 37	16 5	9 45	9 52	0 7		n.a.
F 7	8 52	1n40	3 8	16 14	1 8	17 47	1 11	8 42	0 28	23 40	0n 0	2 22	2 19	24 10	0 24	13 3	1 31	10 38	16 5	9 45	9 54	0 5		n.a.
S 8	8 29	5 28	3 56	16 6	1 19	17 26	1 13	8 59	0 28	23 40	0 0	2 25	2 19	24 10	0 24	13 3	1 31	10 38	16 5	9 45	9 55	0 3		n.a.
S 9	8 6	9 3	4 35	15 54	1 28	17 4	1 15	9 16	0 29	23 40	0 0	2 27	2 19	24 10	0 24	13 4	1 31	10 39	16 5	9 45	9 56	0 1		n.a.
M10	7 44	12 19	5 2	15 39	1 36	16 43	1 16	9 33	0 30	23 41	0 0	2 30	2 18	24 10	0 24	13 4	1 31	10 39	16 6	9 45	9 57	0n 1		n.a.
T 11	7 21	15 6	5 16	15 20	1 43	16 20	1 17	9 50	0 30	23 41	0 1	2 32	2 18	24 10	0 24	13 5	1 31	10 40	16 6	9 46	9 58	0 3		n.a.
W12	6 58	17 16	5 16	14 58	1 48	15 57	1 19	10 7	0 31	23 42	0 1	2 35	2 18	24 10	0 24	13 5	1 31	10 40	16 6	9 46	9 59	0 5		n.a.
T 13	6 35	18 39	5 0	14 33	1 52	15 34	1 20	10 24	0 32	23 42	0 1	2 38	2 18	24 10	0 24	13 6	1 31	10 41	16 6	9 46	10 1	0 7		n.a.
F 14	6 11	19 5	4 29	14 6	1 56	15 10	1 21	10 40	0 32	23 42	0 1	2 40	2 18	24 10	0 24	13 7	1 31	10 41	16 6	9 45	10 2	0 9		n.a.
S 15	5 48	18 27	3 42	13 36	1 58	14 46	1 22	10 57	0 33	23 43	0 1	2 43	2 18	24 10	0 24	13 7	1 31	10 42	16 6	9 45	10 3	0 11		n.a.
S 16	5 24	16 42	2 40	13 4	1 59	14 22	1 23	11 14	0 34	23 43	0 1	2 46	2 18	24 10	0 24	13 8	1 31	10 42	16 6	9 45	10 4	0 13		n.a.
M17	5 1	13 50	1 26	12 30	2 0	13 56	1 24	11 30	0 34	23 43	0 1	2 48	2 18	24 10	0 24	13 8	1 31	10 43	16 6	9 44	10 5	0 15		n.a.
T 18	4 37	10 1	0 5	11 54	2 0	13 31	1 25	11 47	0 35	23 44	0 1	2 51	2 18	24 10	0 24	13 9	1 31	10 43	16 7	9 44	10 6	0 17		n.a.
W19	4 13	5 29	1n17	11 16	1 59	13 5	1 26	12 3	0 36	23 44	0 2	2 54	2 17	24 10	0 24	13 9	1 31	10 44	16 7	9 44	10 8	0 19		n.a.
T 20	3 49	0 34	2 35	10 38	1 57	12 39	1 27	12 20	0 36	23 44	0 2	2 57	2 17	24 10	0 24	13 10	1 31	10 44	16 7	9 45	10 9	0 21		n.a.
F 21	3 26	4s21	3 42	9 58	1 55	12 13	1 27	12 36	0 37	23 45	0 2	2 59	2 17	24 10	0 24	13 10	1 31	10 45	16 7	9 46	10 10	0 23		n.a.
S 22	3 2	8 56	4 32	9 17	1 52	11 46	1 28	12 52	0 38	23 45	0 2	3 2	2 17	24 9	0 24	13 11	1 31	10 45	16 7	9 46	10 11	0 25		n.a.
S 23	2 37	12 53	5 4	8 35	1 49	11 18	1 29	13 8	0 38	23 45	0 2	3 5	2 17	24 9	0 24	13 12	1 31	10 46	16 7	9 47	10 12	0 27		n.a.
M24	2 13	15 57	5 16	7 52	1 46	10 51	1 29	13 24	0 39	23 45	0 2	3 8	2 17	24 9	0 24	13 12	1 31	10 46	16 7	9 48	10 13	0 29		n.a.
T 25	1 49	18 1	5 9	7 9	1 42	10 23	1 29	13 40	0 39	23 46	0 2	3 10	2 17	24 9	0 24	13 13	1 31	10 47	16 7	9 48	10 15	0 31		n.a.
W26	1 25	19 1	4 45	6 25	1 37	9 55	1 30	13 56	0 40	23 46	0 3	3 13	2 17	24 9	0 24	13 13	1 31	10 47	16 7	9 48	10 16	0 33		n.a.
T 27	1 1	18 58	4 8	5 41	1 33	9 26	1 30	14 12	0 41	23 46	0 3	3 16	2 17	24 9	0 24	13 14	1 31	10 48	16 7	9 48	10 17	0 35		n.a.
F 28	0 37	17 57	3 19	4 57	1 28	8 58	1 30	14 27	0 41	23 46	0 3	3 19	2 17	24 9	0 24	13 14	1 31	10 48	16 7	9 48	10 18	0 37		n.a.
S 29	0 12	16 6	2 21	4 12	1 23	8 29	1 30	14 43	0 42	23 47	0 3	3 21	2 17	24 9	0 24	13 15	1 31	10 49	16 7	9 47	10 19	0 39		n.a.
S 30	0s12	13s33	1n19	3n27	1n17	8n 0	1n30	14s58	0s42	23n47	0n 3	3s24	2n17	24s 9	0s24	13s15	1s31	10s49	16s 7	9n46	10n20	0n41		n.a.

Julian Day Number = 1499229.5, Delta T = 05h08m16s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'30, Lahiri = -12°21'30 Julian Calendar 1 Sept. 609 BCE == Greg. Calendar 25 Aug. 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

OCTOBER 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 12 44	1♎30'01	2♓40	26♍ 1	14♍40	8♏34	27♊ 1	13♎52	28♐46	29°R23	9°R52	5°R 6	3♍30	8♈32	n.a.	M 1
T 2	0 16 41	2°30'19	14°35	27°40	15°55	9°19	27° 4	13°59	28°46	29♒22	9♈51	5♍ 6	3°27	8°39	n.a.	T 2
W 3	0 20 37	3°30'40	26°25	29°19	17°10	10° 4	27° 8	14° 5	28°47	29°21	9°50	5° 4	3°24	8°46	n.a.	W 3
T 4	0 24 34	4°31'02	8♈15	0♎57	18°26	10°49	27°11	14°12	28°48	29°19	9°48	5° 1	3°20	8°52	n.a.	T 4
F 5	0 28 30	5°31'26	20° 4	2°35	19°41	11°34	27°15	14°19	28°49	29°18	9°47	4°56	3°17	8°59	n.a.	F 5
S 6	0 32 27	6°31'51	1♉56	4°12	20°56	12°19	27°18	14°26	28°50	29°17	9°46	4°50	3°14	9° 6	n.a.	S 6
S 7	0 36 23	7°32'19	13°53	5°50	22°12	13° 4	27°20	14°33	28°52	29°16	9°45	4°44	3°11	9°12	n.a.	S 7
M 8	0 40 20	8°32'48	25°56	7°27	23°27	13°49	27°23	14°40	28°53	29°14	9°44	4°38	3° 8	9°19	n.a.	M 8
T 9	0 44 16	9°33'20	8♊ 8	9° 3	24°42	14°35	27°25	14°47	28°54	29°13	9°43	4°33	3° 4	9°26	n.a.	T 9
W10	0 48 13	10°33'53	20°33	10°39	25°58	15°20	27°28	14°54	28°55	29°12	9°42	4°30	3° 1	9°32	n.a.	W10
T 11	0 52 9	11°34'29	3♋13	12°15	27°13	16° 6	27°30	15° 2	28°57	29°11	9°41	4°28	2°58	9°39	n.a.	T 11
F 12	0 56 6	12°35'06	16°13	13°51	28°29	16°51	27°32	15° 9	28°58	29°10	9°39	4°D27	2°55	9°46	n.a.	F 12
S 13	1 0 3	13°35'45	29°35	15°26	29°44	17°37	27°33	15°16	28°59	29° 9	9°38	4°28	2°52	9°52	n.a.	S 13
S 14	1 3 59	14°36'26	13♌22	17° 1	1♎ 0	18°23	27°35	15°23	29° 1	29° 8	9°37	4°30	2°49	9°59	n.a.	S 14
M15	1 7 56	15°37'09	27°36	18°36	2°15	19° 8	27°36	15°30	29° 2	29° 7	9°36	4°R31	2°45	10° 6	n.a.	M15
T 16	1 11 52	16°37'54	12♍15	20°11	3°31	19°54	27°37	15°37	29° 4	29° 6	9°35	4°31	2°42	10°12	n.a.	T 16
W17	1 15 49	17°38'40	27°15	21°45	4°46	20°40	27°38	15°44	29° 5	29° 5	9°34	4°29	2°39	10°19	n.a.	W17
T 18	1 19 45	18°39'28	12♎28	23°19	6° 2	21°26	27°39	15°51	29° 7	29° 4	9°33	4°25	2°36	10°26	n.a.	T 18
F 19	1 23 42	19°40'17	27°45	24°53	7°17	22°12	27°40	15°58	29° 9	29° 3	9°31	4°19	2°33	10°32	n.a.	F 19
S 20	1 27 38	20°41'08	12♏55	26°27	8°33	22°57	27°40	16° 5	29°11	29° 2	9°30	4°11	2°30	10°39	n.a.	S 20
S 21	1 31 35	21°42'00	27°47	28° 0	9°48	23°43	27°R40	16°12	29°12	29° 1	9°29	4° 4	2°26	10°46	n.a.	S 21
M22	1 35 32	22°42'53	12♐14	29°34	11° 4	24°30	27°40	16°19	29°14	29° 0	9°28	3°57	2°23	10°52	n.a.	M22
T 23	1 39 28	23°43'47	26°13	1♏ 7	12°20	25°16	27°40	16°26	29°16	28°59	9°27	3°52	2°20	10°59	n.a.	T 23
W24	1 43 25	24°44'42	9♑41	2°40	13°35	26° 2	27°39	16°33	29°18	28°58	9°26	3°48	2°17	11° 6	n.a.	W24
T 25	1 47 21	25°45'39	22°42	4°13	14°51	26°48	27°38	16°40	29°20	28°58	9°25	3°D47	2°14	11°12	n.a.	T 25
F 26	1 51 18	26°46'36	5♒19	5°46	16° 6	27°34	27°38	16°47	29°22	28°57	9°24	3°47	2°10	11°19	n.a.	F 26
S 27	1 55 14	27°47'34	17°37	7°19	17°22	28°20	27°37	16°54	29°24	28°56	9°23	3°48	2° 7	11°26	n.a.	S 27
S 28	1 59 11	28°48'33	29°40	8°51	18°38	29° 7	27°35	17° 1	29°26	28°56	9°22	3°R49	2° 4	11°32	n.a.	S 28
M29	2 3 7	29°49'32	11♓34	10°24	19°53	29°53	27°34	17° 8	29°28	28°55	9°21	3°49	2° 1	11°39	n.a.	M29
T 30	2 7 4	0♏50'33	23°23	11°56	21° 9	0♐40	27°32	17°15	29°30	28°54	9°20	3°47	1°58	11°46	n.a.	T 30
W31	2 11 1	1♏51'34	5♈11	13♏29	22♎24	1♐26	27♊30	17♎22	29♐33	28♒54	9♈19	3♍42	1♍55	11♈53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s36	10s27	0n13	2n42	1n11	7n30	1n30	15s14	0s43	23n47	0n 3	3s27	2n17	24s 9	0s24	13s15	1s31	10s50	16s 7	9n46	10n22	0n43		n.a.
T 2	1 1	6 57	0s52	1 57	1 6	7 1	1 30	15 29	0 44	23 47	0 3	3 30	2 16	24 9	0 24	13 16	1 31	10 50	16 7	9 46	10 23	0 45		n.a.
W 3	1 25	3 11	1 54	1 11	1 0	6 31	1 30	15 44	0 44	23 48	0 3	3 32	2 16	24 9	0 24	13 16	1 31	10 50	16 7	9 47	10 24	0 47		n.a.
T 4	1 49	0n41	2 52	0 26	0 54	6 1	1 30	15 59	0 45	23 48	0 4	3 35	2 16	24 9	0 24	13 17	1 31	10 51	16 7	9 48	10 25	0 49		n.a.
F 5	2 13	4 32	3 42	0s19	0 47	5 31	1 30	16 13	0 45	23 48	0 4	3 38	2 16	24 9	0 24	13 17	1 31	10 51	16 7	9 50	10 26	0 51		n.a.
S 6	2 38	8 13	4 22	1 4	0 41	5 0	1 29	16 28	0 46	23 48	0 4	3 41	2 16	24 9	0 24	13 18	1 31	10 52	16 7	9 52	10 27	0 53		n.a.
S 7	3 2	11 35	4 51	1 49	0 35	4 30	1 29	16 43	0 46	23 48	0 4	3 43	2 16	24 9	0 24	13 18	1 31	10 52	16 7	9 54	10 29	0 55		n.a.
M 8	3 26	14 31	5 8	2 34	0 28	3 59	1 28	16 57	0 47	23 49	0 4	3 46	2 16	24 9	0 24	13 19	1 31	10 53	16 7	9 56	10 30	0 57		n.a.
T 9	3 50	16 51	5 11	3 18	0 22	3 28	1 28	17 11	0 47	23 49	0 4	3 49	2 16	24 9	0 24	13 19	1 31	10 53	16 7	9 58	10 31	0 59		n.a.
W10	4 14	18 27	5 0	4 2	0 15	2 57	1 27	17 25	0 48	23 49	0 4	3 52	2 16	24 9	0 24	13 19	1 31	10 54	16 7	10 0	10 32	1 1		n.a.
T 11	4 38	19 10	4 33	4 46	0 9	2 26	1 26	17 39	0 48	23 49	0 5	3 55	2 16	24 9	0 24	13 20	1 31	10 54	16 7	10 0	10 33	1 3		n.a.
F 12	5 2	18 55	3 53	5 30	0 2	1 55	1 26	17 53	0 49	23 49	0 5	3 57	2 16	24 9	0 24	13 20	1 31	10 54	16 7	10 0	10 34	1 5		n.a.
S 13	5 26	17 36	2 59	6 13	0s 4	1 24	1 25	18 6	0 49	23 50	0 5	4 0	2 16	24 9	0 24	13 20	1 31	10 55	16 7	10 0	10 36	1 7		n.a.
S 14	5 50	15 14	1 52	6 57	0 11	0 53	1 24	18 20	0 50	23 50	0 5	4 3	2 16	24 9	0 24	13 21	1 31	10 55	16 7	10 0	10 37	1 9		n.a.
M15	6 14	11 53	0 38	7 39	0 17	0 22	1 23	18 33	0 50	23 50	0 5	4 6	2 16	24 9	0 24	13 21	1 31	10 56	16 7	9 59	10 38	1 11		n.a.
T 16	6 37	7 42	0n42	8 21	0 24	0s10	1 22	18 46	0 51	23 50	0 5	4 8	2 16	24 9	0 24	13 21	1 31	10 56	16 7	9 59	10 39	1 13		n.a.
W17	7 1	2 56	2 0	9 3	0 30	0 41	1 21	18 59	0 51	23 50	0 6	4 11	2 16	24 9	0 24	13 22	1 30	10 56	16 7	10 0	10 40	1 15		n.a.
T 18	7 24	2s 4	3 11	9 45	0 37	1 12	1 20	19 12	0 52	23 50	0 6	4 14	2 16	24 9	0 24	13 22	1 30	10 57	16 7	10 1	10 41	1 17		n.a.
F 19	7 48	6 58	4 8	10 26	0 43	1 44	1 19	19 25	0 52	23 51	0 6	4 17	2 16	24 9	0 24	13 22	1 30	10 57	16 7	10 4	10 43	1 19		n.a.
S 20	8 11	11 22	4 47	11 6	0 49	2 15	1 18	19 37	0 53	23 51	0 6	4 19	2 16	24 9	0 24	13 23	1 30	10 57	16 7	10 6	10 44	1 21		n.a.
S 21	8 34	14 58	5 6	11 46	0 55	2 46	1 16	19 49	0 53	23 51	0 6	4 22	2 16	24 9	0 24	13 23	1 30	10 58	16 7	10 9	10 45	1 23		n.a.
M22	8 57	17 32	5 5	12 25	1 1	3 17	1 15	20 1	0 54	23 51	0 6	4 25	2 16	24 9	0 24	13 23	1 30	10 58	16 7	10 12	10 46	1 25		n.a.
T 23	9 20	18 58	4 45	13 4	1 7	3 49	1 14	20 13	0 54	23 51	0 6	4 27	2 16	24 9	0 24	13 23	1 30	10 58	16 7	10 14	10 47	1 27		n.a.
W24	9 43	19 15	4 10	13 42	1 13	4 20	1 12	20 25	0 55	23 51	0 7	4 30	2 16	24 9	0 24	13 24	1 30	10 59	16 6	10 15	10 48	1 29		n.a.
T 25	10 5	18 29	3 23	14 20	1 18	4 51	1 11	20 36	0 55	23 51	0 7	4 33	2 16	24 9	0 24	13 24	1 30	10 59	16 6	10 15	10 49	1 31		n.a.
F 26	10 28	16 49	2 27	14 56	1 24	5 22	1 9	20 47	0 55	23 52	0 7	4 36	2 16	24 9	0 24	13 24	1 30	10 59	16 6	10 15	10 51	1 33		n.a.
S 27	10 50	14 24	1 26	15 33	1 29	5 52	1 7	20 58	0 56	23 52	0 7	4 38	2 16	24 9	0 23	13 24	1 30	11 0	16 6	10 15	10 52	1 35		n.a.
S 28	11 12	11 24	0 22	16 8	1 34	6 23	1 6	21 9	0 56	23 52	0 7	4 41	2 16	24 9	0 23	13 25	1 30	11 0	16 6	10 14	10 53	1 37		n.a.
M29	11 34	7 58	0s42	16 42	1 39	6 54	1 4	21 19	0 57	23 52	0 7	4 44	2 16	24 9	0 23	13 25	1 30	11 0	16 6	10 15	10 54	1 39		n.a.
T 30	11 55	4 14	1 43	17 16	1 44	7 24	1 2	21 30	0 57	23 52	0 8	4 46	2 16	24 9	0 23	13 25	1 30	11 1	16 6	10 15	10 55	1 41		n.a.
W31	12s17	0s21	2s40	17s49	1s48	7s54	1n 1	21s40	0s57	23n52	0n 8	4s49	2n16	24s 9	0s23	13s25	1s30	11s 1	16s 6	10n17	10n56	1n43		n.a.

Julian Day Number = 1499259.5, Delta T = 05h08m15s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'26, Lahiri = -12°21'26 Julian Calendar 1 Oct. 609 BCE == Greg. Calendar 24 Sept. 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

NOVEMBER 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 14 57	2♏52'37	17♈ 1	15♏ 1	23♎40	2♐12	27°R28	17♎29	29♐35	28°R53	9°R17	3°R35	1♍51	11♈59	n.a.	T 1
F 2	2 18 54	3°53'40	28°54	16°33	24°56	2°59	27♊26	17°35	29°37	28♒53	9♈16	3♍25	1°48	12° 6	n.a.	F 2
S 3	2 22 50	4°54'44	10♉53	18° 5	26°11	3°45	27°23	17°42	29°40	28°52	9°15	3°13	1°45	12°13	n.a.	S 3
S 4	2 26 47	5°55'49	22°59	19°36	27°27	4°32	27°21	17°49	29°42	28°52	9°14	3° 0	1°42	12°19	n.a.	S 4
M 5	2 30 43	6°56'56	5♊13	21° 7	28°42	5°19	27°18	17°56	29°44	28°52	9°13	2°48	1°39	12°26	n.a.	M 5
T 6	2 34 40	7°58'03	17°35	22°38	29°58	6° 5	27°15	18° 3	29°47	28°51	9°12	2°37	1°35	12°33	n.a.	T 6
W 7	2 38 36	8°59'11	0♋ 8	24° 9	1♏14	6°52	27°12	18° 9	29°49	28°51	9°11	2°29	1°32	12°39	n.a.	W 7
T 8	2 42 33	10° 0'20	12°53	25°39	2°29	7°39	27° 8	18°16	29°52	28°51	9°11	2°23	1°29	12°46	n.a.	T 8
F 9	2 46 30	11° 1'30	25°52	27° 8	3°45	8°25	27° 5	18°23	29°54	28°50	9°10	2°19	1°26	12°53	n.a.	F 9
S 10	2 50 26	12° 2'41	9♌ 8	28°37	5° 0	9°12	27° 1	18°30	29°57	28°50	9° 9	2°D18	1°23	12°59	n.a.	S 10
S 11	2 54 23	13° 3'53	22°45	0♐ 5	6°16	9°59	26°57	18°36	29°59	28°50	9° 8	2°18	1°20	13° 6	n.a.	S 11
M12	2 58 19	14° 5'06	6♍43	1°32	7°32	10°46	26°53	18°43	0♑ 2	28°50	9° 7	2°R18	1°16	13°13	n.a.	M12
T 13	3 2 16	15° 6'20	21° 4	2°58	8°47	11°33	26°49	18°49	0° 5	28°50	9° 6	2°17	1°13	13°19	n.a.	T 13
W14	3 6 12	16° 7'34	5♎45	4°23	10° 3	12°20	26°44	18°56	0° 8	28°49	9° 5	2°14	1°10	13°26	n.a.	W14
T 15	3 10 9	17° 8'50	20°42	5°46	11°19	13° 7	26°39	19° 2	0°10	28°49	9° 4	2° 7	1° 7	13°33	n.a.	T 15
F 16	3 14 5	18°10'05	5♏47	7° 6	12°34	13°54	26°35	19° 9	0°13	28°D49	9° 3	1°58	1° 4	13°39	n.a.	F 16
S 17	3 18 2	19°11'22	20°51	8°25	13°50	14°41	26°30	19°15	0°16	28°49	9° 2	1°47	1° 1	13°46	n.a.	S 17
S 18	3 21 59	20°12'38	5♐44	9°41	15° 5	15°28	26°24	19°22	0°19	28°49	9° 2	1°35	0°57	13°53	n.a.	S 18
M19	3 25 55	21°13'55	20°16	10°54	16°21	16°15	26°19	19°28	0°22	28°49	9° 1	1°23	0°54	13°59	n.a.	M19
T 20	3 29 52	22°15'13	4♑21	12° 3	17°37	17° 2	26°14	19°34	0°25	28°50	9° 0	1°14	0°51	14° 6	n.a.	T 20
W21	3 33 48	23°16'30	17°57	13° 7	18°52	17°49	26° 8	19°41	0°28	28°50	8°59	1° 7	0°48	14°13	n.a.	W21
T 22	3 37 45	24°17'47	1♒ 5	14° 7	20° 8	18°36	26° 2	19°47	0°31	28°50	8°59	1° 3	0°45	14°19	n.a.	T 22
F 23	3 41 41	25°19'04	13°46	15° 1	21°23	19°23	25°56	19°53	0°34	28°50	8°58	1° 1	0°41	14°26	n.a.	F 23
S 24	3 45 38	26°20'21	26° 6	15°48	22°39	20°10	25°50	19°59	0°37	28°50	8°57	1° 1	0°38	14°33	n.a.	S 24
S 25	3 49 35	27°21'37	8♓10	16°29	23°54	20°58	25°44	20° 5	0°40	28°51	8°56	1° 1	0°35	14°40	n.a.	S 25
M26	3 53 31	28°22'53	20° 4	17° 0	25°10	21°45	25°38	20°11	0°43	28°51	8°56	1° 0	0°32	14°46	n.a.	M26
T 27	3 57 28	29°24'10	1♈52	17°23	26°25	22°32	25°31	20°17	0°46	28°51	8°55	0°57	0°29	14°53	n.a.	T 27
W28	4 1 24	0♐25'25	13°40	17°35	27°41	23°19	25°24	20°23	0°49	28°52	8°54	0°51	0°26	15° 0	n.a.	W28
T 29	4 5 21	1°26'41	25°32	17°R37	28°56	24° 6	25°18	20°29	0°52	28°52	8°54	0°42	0°22	15° 6	n.a.	T 29
F 30	4 9 17	2♐27'56	7♉30	17♐27	0♐12	24♐54	25♊11	20♎35	0♑55	28♒53	8♈53	0♍31	0♍19	15♈13	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s38	3n33	3s30	18s21	1s53	8s24	0n59	21s50	0s58	23n52	0n 8	4s51	2n16	24s 9	0s23	13s25	1s30	11s 1	16s 5	10n20	10n57	1n45		n.a.
F 2	12 59	7 20	4 11	18 52	1 57	8 54	0 57	22 0	0 58	23 52	0 8	4 54	2 16	24 9	0 23	13 25	1 30	11 1	16 5	10 24	10 59	1 47		n.a.
S 3	13 20	10 51	4 41	19 22	2 0	9 23	0 55	22 9	0 59	23 53	0 8	4 57	2 16	24 9	0 23	13 26	1 30	11 2	16 5	10 28	11 0	1 49		n.a.
S 4	13 41	13 58	4 58	19 51	2 4	9 53	0 53	22 18	0 59	23 53	0 8	4 59	2 16	24 9	0 23	13 26	1 30	11 2	16 5	10 32	11 1	1 51		n.a.
M 5	14 1	16 30	5 3	20 19	2 7	10 22	0 51	22 27	0 59	23 53	0 9	5 2	2 16	24 9	0 23	13 26	1 30	11 2	16 5	10 37	11 2	1 53		n.a.
T 6	14 21	18 19	4 53	20 46	2 9	10 51	0 49	22 36	1 0	23 53	0 9	5 4	2 16	24 9	0 23	13 26	1 30	11 2	16 5	10 41	11 3	1 55		n.a.
W 7	14 41	19 17	4 29	21 11	2 12	11 20	0 47	22 44	1 0	23 53	0 9	5 7	2 16	24 9	0 23	13 26	1 30	11 2	16 4	10 44	11 4	1 57		n.a.
T 8	15 1	19 18	3 51	21 36	2 14	11 48	0 45	22 52	1 0	23 53	0 9	5 9	2 17	24 9	0 23	13 26	1 30	11 3	16 4	10 46	11 6	1 59		n.a.
F 9	15 20	18 18	3 1	21 59	2 15	12 16	0 43	23 0	1 1	23 53	0 9	5 12	2 17	24 9	0 23	13 26	1 30	11 3	16 4	10 47	11 7	2 1		n.a.
S 10	15 39	16 17	2 0	22 20	2 16	12 44	0 41	23 8	1 1	23 53	0 9	5 14	2 17	24 9	0 23	13 26	1 30	11 3	16 4	10 48	11 8	2 3		n.a.
S 11	15 58	13 19	0 51	22 40	2 17	13 11	0 39	23 16	1 1	23 53	0 10	5 17	2 17	24 9	0 23	13 26	1 30	11 3	16 4	10 48	11 9	2 5		n.a.
M12	16 17	9 32	0n23	22 59	2 17	13 38	0 36	23 23	1 2	23 53	0 10	5 19	2 17	24 9	0 23	13 26	1 29	11 3	16 3	10 48	11 10	2 7		n.a.
T 13	16 35	5 5	1 38	23 16	2 16	14 5	0 34	23 30	1 2	23 53	0 10	5 22	2 17	24 9	0 23	13 26	1 29	11 3	16 3	10 48	11 11	2 9		n.a.
W14	16 53	0 15	2 47	23 31	2 15	14 31	0 32	23 36	1 2	23 54	0 10	5 24	2 17	24 9	0 23	13 26	1 29	11 4	16 3	10 49	11 12	2 11		n.a.
T 15	17 11	4s42	3 47	23 45	2 13	14 58	0 30	23 43	1 2	23 54	0 10	5 27	2 17	24 9	0 23	13 26	1 29	11 4	16 3	10 52	11 14	2 13		n.a.
F 16	17 28	9 23	4 31	23 56	2 11	15 23	0 27	23 49	1 3	23 54	0 10	5 29	2 17	24 9	0 23	13 26	1 29	11 4	16 2	10 55	11 15	2 15		n.a.
S 17	17 46	13 28	4 56	24 6	2 7	15 48	0 25	23 55	1 3	23 54	0 11	5 32	2 17	24 9	0 23	13 26	1 29	11 4	16 2	10 59	11 16	2 17		n.a.
S 18	18 2	16 38	5 0	24 14	2 3	16 13	0 23	24 0	1 3	23 54	0 11	5 34	2 17	24 9	0 23	13 26	1 29	11 4	16 2	11 4	11 17	2 19		n.a.
M19	18 19	18 40	4 45	24 20	1 58	16 38	0 21	24 6	1 3	23 54	0 11	5 36	2 17	24 9	0 23	13 26	1 29	11 4	16 2	11 8	11 18	2 21		n.a.
T 20	18 35	19 29	4 13	24 23	1 52	17 2	0 18	24 11	1 4	23 54	0 11	5 39	2 17	24 9	0 23	13 26	1 29	11 4	16 1	11 11	11 19	2 23		n.a.
W21	18 51	19 8	3 27	24 25	1 44	17 25	0 16	24 16	1 4	23 54	0 11	5 41	2 18	24 9	0 23	13 26	1 29	11 4	16 1	11 13	11 20	2 25		n.a.
T 22	19 6	17 44	2 31	24 24	1 36	17 48	0 13	24 20	1 4	23 54	0 11	5 43	2 18	24 9	0 23	13 26	1 29	11 4	16 1	11 15	11 22	2 27		n.a.
F 23	19 21	15 29	1 30	24 21	1 27	18 11	0 11	24 24	1 4	23 54	0 12	5 45	2 18	24 9	0 23	13 26	1 29	11 4	16 1	11 16	11 23	2 29		n.a.
S 24	19 36	12 35	0 26	24 16	1 16	18 33	0 9	24 28	1 5	23 54	0 12	5 48	2 18	24 9	0 23	13 25	1 29	11 4	16 0	11 16	11 24	2 31		n.a.
S 25	19 50	9 12	0s38	24 8	1 4	18 54	0 6	24 32	1 5	23 54	0 12	5 50	2 18	24 9	0 23	13 25	1 29	11 5	16 0	11 16	11 25	2 33		n.a.
M26	20 4	5 30	1 39	23 58	0 51	19 15	0 4	24 35	1 5	23 54	0 12	5 52	2 18	24 9	0 23	13 25	1 29	11 5	16 0	11 16	11 26	2 35		n.a.
T 27	20 18	1 37	2 35	23 46	0 37	19 36	0 2	24 38	1 5	23 54	0 12	5 54	2 18	24 9	0 23	13 25	1 29	11 5	16 0	11 17	11 27	2 37		n.a.
W28	20 31	2n19	3 25	23 32	0 21	19 55	0s 1	24 41	1 5	23 53	0 12	5 56	2 18	24 9	0 23	13 25	1 29	11 5	15 59	11 19	11 28	2 39		n.a.
T 29	20 44	6 11	4 6	23 15	0 4	20 15	0 3	24 44	1 6	23 53	0 13	5 59	2 18	24 9	0 23	13 25	1 29	11 5	15 59	11 22	11 30	2 41		n.a.
F 30	20s56	9n51	4s36	22s56	0n14	20s34	0s 6	24s46	1s 6	23n53	0n13	6s 1	2n19	24s 9	0s23	13s24	1s29	11s 5	15s59	11n26	11n31	2n43		n.a.

Julian Day Number = 1499290.5, Delta T = 05h08m14s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'22, Lahiri = -12°21'21 Julian Calendar 1 Nov. 609 BCE == Greg. Calendar 25 Oct. 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 609 BCE
geocentric

DECEMBER 609 BCE (-608) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 13 14	3♐29'11	19♉38	17°R 5	1♐27	25♐41	25°R 4	20♎41	0♑59	28♒53	8°R52	0°R17	0♍16	15♈20	n.a.	S 1
S 2	4 17 10	4°30'26	1♊56	16♐32	2°43	26°28	24♊57	20°47	1° 2	28°54	8♈52	0♍ 3	0°13	15°26	n.a.	S 2
M 3	4 21 7	5°31'40	14°24	15°47	3°58	27°15	24°50	20°52	1° 5	28°54	8°51	29♌48	0°10	15°33	n.a.	M 3
T 4	4 25 4	6°32'55	27° 4	14°51	5°14	28° 3	24°42	20°58	1° 8	28°55	8°51	29°35	0° 7	15°40	n.a.	T 4
W 5	4 29 0	7°34'09	9♋54	13°47	6°29	28°50	24°35	21° 4	1°12	28°56	8°50	29°25	0° 3	15°46	n.a.	W 5
T 6	4 32 57	8°35'23	22°54	12°35	7°45	29°37	24°28	21° 9	1°15	28°56	8°50	29°17	0° 0	15°53	n.a.	T 6
F 7	4 36 53	9°36'37	6♌ 6	11°18	9° 0	0♑25	24°20	21°15	1°18	28°57	8°49	29°13	29♌57	16° 0	n.a.	F 7
S 8	4 40 50	10°37'50	19°29	9°58	10°16	1°12	24°12	21°20	1°22	28°58	8°49	29°11	29°54	16° 6	n.a.	S 8
S 9	4 44 46	11°39'03	3♍ 6	8°39	11°31	1°59	24° 5	21°25	1°25	28°58	8°48	29°D11	29°51	16°13	n.a.	S 9
M10	4 48 43	12°40'16	16°57	7°22	12°46	2°47	23°57	21°31	1°28	28°59	8°48	29°R11	29°47	16°20	n.a.	M10
T 11	4 52 40	13°41'29	1♎ 3	6°10	14° 2	3°34	23°49	21°36	1°32	29° 0	8°47	29°10	29°44	16°27	n.a.	T 11
W12	4 56 36	14°42'41	15°23	5° 4	15°17	4°21	23°41	21°41	1°35	29° 1	8°47	29° 7	29°41	16°33	n.a.	W12
T 13	5 0 33	15°43'54	29°56	4° 6	16°33	5° 9	23°33	21°46	1°38	29° 2	8°47	29° 1	29°38	16°40	n.a.	T 13
F 14	5 4 29	16°45'05	14♏36	3°17	17°48	5°56	23°26	21°51	1°42	29° 3	8°46	28°52	29°35	16°47	n.a.	F 14
S 15	5 8 26	17°46'16	29°17	2°37	19° 3	6°44	23°18	21°56	1°45	29° 4	8°46	28°41	29°32	16°53	n.a.	S 15
S 16	5 12 22	18°47'27	13♐51	2° 7	20°19	7°31	23°10	22° 1	1°49	29° 5	8°46	28°30	29°28	17° 0	n.a.	S 16
M17	5 16 19	19°48'37	28°10	1°46	21°34	8°18	23° 2	22° 6	1°52	29° 6	8°45	28°19	29°25	17° 7	n.a.	M17
T 18	5 20 15	20°49'46	12♑ 9	1°34	22°49	9° 6	22°54	22°10	1°56	29° 7	8°45	28° 9	29°22	17°13	n.a.	T 18
W19	5 24 12	21°50'54	25°43	1°D30	24° 5	9°53	22°45	22°15	1°59	29° 8	8°45	28° 2	29°19	17°20	n.a.	W19
T 20	5 28 9	22°52'01	8♒52	1°35	25°20	10°41	22°37	22°20	2° 3	29° 9	8°45	27°58	29°16	17°27	n.a.	T 20
F 21	5 32 5	23°53'07	21°37	1°48	26°35	11°28	22°29	22°24	2° 6	29°10	8°45	27°56	29°13	17°33	n.a.	F 21
S 22	5 36 2	24°54'11	4♓ 1	2° 7	27°51	12°15	22°21	22°29	2°10	29°11	8°44	27°D56	29° 9	17°40	n.a.	S 22
S 23	5 39 58	25°55'14	16° 8	2°32	29° 6	13° 3	22°13	22°33	2°13	29°13	8°44	27°57	29° 6	17°47	n.a.	S 23
M24	5 43 55	26°56'16	28° 4	3° 4	0♑21	13°50	22° 5	22°37	2°17	29°14	8°44	27°R57	29° 3	17°53	n.a.	M24
T 25	5 47 51	27°57'16	9♈55	3°40	1°37	14°37	21°57	22°41	2°20	29°15	8°44	27°57	29° 0	18° 0	n.a.	T 25
W26	5 51 48	28°58'16	21°44	4°21	2°52	15°25	21°49	22°46	2°24	29°16	8°44	27°54	28°57	18° 7	n.a.	W26
T 27	5 55 44	29°59'13	3♉38	5° 7	4° 7	16°12	21°41	22°50	2°27	29°18	8°44	27°48	28°53	18°14	n.a.	T 27
F 28	5 59 41	1♑ 0'10	15°41	5°57	5°22	16°59	21°34	22°54	2°31	29°19	8°44	27°41	28°50	18°20	n.a.	F 28
S 29	6 3 38	2° 1'04	27°55	6°50	6°37	17°47	21°26	22°57	2°34	29°21	8°D44	27°31	28°47	18°27	n.a.	S 29
S 30	6 7 34	3° 1'58	10♊23	7°47	7°53	18°34	21°18	23° 1	2°38	29°22	8°44	27°21	28°44	18°34	n.a.	S 30
M31	6 11 31	4♑ 2'50	23♊ 7	8♐46	9♑ 8	19♑21	21♊10	23♎ 5	2♑41	29♒23	8♈44	27♌10	28♌41	18♈40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s 8	13n 9	4s55	22s35	0n33	20s52	0s 8	24s48	1s 6	23n53	0n13	6s 3	2n19	24s 9	0s23	13s24	1s29	11s 4	15s58	11n31	11n32	2n45		n.a.
S 2	21 20	15 56	4 59	22 12	0 52	21 9	0 10	24 49	1 6	23 53	0 13	6 5	2 19	24 9	0 23	13 24	1 29	11 4	15 58	11 37	11 33	2 47		n.a.
M 3	21 31	18 2	4 50	21 48	1 12	21 26	0 13	24 50	1 6	23 53	0 13	6 7	2 19	24 9	0 23	13 24	1 29	11 4	15 58	11 42	11 34	2 49		n.a.
T 4	21 42	19 18	4 27	21 22	1 32	21 43	0 15	24 51	1 6	23 53	0 13	6 9	2 19	24 9	0 23	13 23	1 29	11 4	15 58	11 46	11 35	2 51		n.a.
W 5	21 52	19 35	3 49	20 56	1 51	21 58	0 17	24 52	1 7	23 53	0 14	6 11	2 19	24 9	0 23	13 23	1 29	11 4	15 57	11 50	11 36	2 53		n.a.
T 6	22 2	18 51	2 59	20 28	2 10	22 13	0 20	24 53	1 7	23 53	0 14	6 13	2 19	24 9	0 23	13 23	1 28	11 4	15 57	11 53	11 37	2 56		n.a.
F 7	22 12	17 5	1 59	20 1	2 26	22 28	0 22	24 53	1 7	23 52	0 14	6 15	2 19	24 9	0 23	13 23	1 28	11 4	15 57	11 54	11 39	2 58		n.a.
S 8	22 21	14 22	0 51	19 35	2 41	22 41	0 24	24 53	1 7	23 52	0 14	6 17	2 20	24 9	0 23	13 22	1 28	11 4	15 56	11 55	11 40	3 0		n.a.
S 9	22 29	10 50	0n21	19 11	2 54	22 54	0 26	24 52	1 7	23 52	0 14	6 18	2 20	24 9	0 23	13 22	1 28	11 4	15 56	11 55	11 41	3 2		n.a.
M10	22 38	6 39	1 33	18 48	3 5	23 7	0 29	24 51	1 7	23 52	0 14	6 20	2 20	24 9	0 23	13 22	1 28	11 4	15 56	11 55	11 42	3 4		n.a.
T 11	22 45	2 1	2 40	18 28	3 13	23 18	0 31	24 50	1 7	23 52	0 14	6 22	2 20	24 9	0 23	13 21	1 28	11 4	15 55	11 55	11 43	3 6		n.a.
W12	22 53	2s47	3 39	18 10	3 19	23 29	0 33	24 49	1 7	23 51	0 15	6 24	2 20	24 9	0 23	13 21	1 28	11 3	15 55	11 56	11 44	3 8		n.a.
T 13	22 59	7 29	4 24	17 57	3 22	23 40	0 35	24 47	1 7	23 51	0 15	6 26	2 20	24 9	0 23	13 21	1 28	11 3	15 55	11 59	11 45	3 10		n.a.
F 14	23 6	11 47	4 53	17 46	3 24	23 49	0 37	24 45	1 7	23 51	0 15	6 27	2 21	24 9	0 23	13 20	1 28	11 3	15 54	12 2	11 46	3 12		n.a.
S 15	23 12	15 22	5 2	17 39	3 23	23 58	0 40	24 43	1 7	23 51	0 15	6 29	2 21	24 9	0 23	13 20	1 28	11 3	15 54	12 5	11 48	3 14		n.a.
S 16	23 17	17 57	4 51	17 35	3 21	24 6	0 42	24 40	1 8	23 50	0 15	6 31	2 21	24 9	0 23	13 19	1 28	11 3	15 54	12 9	11 49	3 16		n.a.
M17	23 22	19 23	4 22	17 35	3 17	24 13	0 44	24 38	1 8	23 50	0 15	6 32	2 21	24 8	0 23	13 19	1 28	11 3	15 53	12 13	11 50	3 18		n.a.
T 18	23 27	19 35	3 38	17 38	3 12	24 20	0 46	24 34	1 8	23 50	0 16	6 34	2 21	24 8	0 23	13 19	1 28	11 2	15 53	12 17	11 51	3 20		n.a.
W19	23 31	18 38	2 43	17 43	3 5	24 26	0 48	24 31	1 8	23 50	0 16	6 36	2 21	24 8	0 23	13 18	1 28	11 2	15 53	12 19	11 52	3 22		n.a.
T 20	23 34	16 41	1 40	17 51	2 58	24 31	0 50	24 27	1 8	23 49	0 16	6 37	2 22	24 8	0 23	13 18	1 28	11 2	15 52	12 20	11 53	3 24		n.a.
F 21	23 37	13 58	0 34	18 1	2 50	24 35	0 52	24 23	1 8	23 49	0 16	6 39	2 22	24 8	0 23	13 17	1 28	11 2	15 52	12 21	11 54	3 26		n.a.
S 22	23 40	10 40	0s32	18 13	2 42	24 38	0 54	24 19	1 8	23 49	0 16	6 40	2 22	24 8	0 23	13 17	1 28	11 1	15 52	12 21	11 55	3 28		n.a.
S 23	23 42	7 0	1 36	18 27	2 33	24 41	0 55	24 14	1 8	23 48	0 16	6 42	2 22	24 8	0 23	13 16	1 28	11 1	15 51	12 21	11 57	3 30		n.a.
M24	23 44	3 7	2 34	18 42	2 24	24 43	0 57	24 9	1 8	23 48	0 16	6 43	2 22	24 8	0 23	13 16	1 28	11 1	15 51	12 21	11 58	3 32		n.a.
T 25	23 45	0n51	3 25	18 58	2 14	24 44	0 59	24 4	1 8	23 48	0 17	6 45	2 22	24 8	0 23	13 15	1 28	11 1	15 51	12 21	11 59	3 34		n.a.
W26	23 46	4 46	4 7	19 16	2 5	24 45	1 1	23 59	1 8	23 47	0 17	6 46	2 23	24 8	0 23	13 15	1 28	11 0	15 50	12 22	12 0	3 36		n.a.
T 27	23 46	8 32	4 39	19 34	1 55	24 44	1 2	23 53	1 8	23 47	0 17	6 47	2 23	24 8	0 23	13 14	1 28	11 0	15 50	12 24	12 1	3 38		n.a.
F 28	23 46	12 0	4 59	19 52	1 45	24 43	1 4	23 47	1 8	23 47	0 17	6 49	2 23	24 8	0 23	13 14	1 28	11 0	15 50	12 27	12 2	3 40		n.a.
S 29	23 45	15 1	5 5	20 11	1 35	24 41	1 6	23 41	1 8	23 46	0 17	6 50	2 23	24 8	0 23	13 13	1 28	10 59	15 49	12 30	12 3	3 42		n.a.
S 30	23 44	17 24	4 57	20 30	1 26	24 39	1 7	23 34	1 7	23 46	0 17	6 51	2 23	24 8	0 23	13 13	1 28	10 59	15 49	12 34	12 4	3 44		n.a.
M31	23s42	19n 1	4s35	20s49	1n16	24s35	1s 9	23s28	1s 7	23n45	0n17	6s52	2n24	24s 8	0s23	13s12	1s28	10s59	15s49	12n37	12n 6	3n46		n.a.

Julian Day Number = 1499320.5, Delta T = 05h08m12s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'18, Lahiri = -12°21'17 Julian Calendar 1 Dec. 609 BCE == Greg. Calendar 24 Nov. 609 BCE

The year -608 astronomical counting style corresponds to year 609 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

JANUARY 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 15 27	5♑ 3'41	6♋ 4	9♐48	10♑23	20♑ 8	21°R 3	23♎ 9	2♑45	29♒25	8♈44	27°R 1	28♌38	18♈47	n.a.	T 1
W 2	6 19 24	6° 4'31	19°16	10°53	11°38	20°56	20♊55	23°12	2°48	29°26	8°44	26♌54	28°34	18°54	n.a.	W 2
T 3	6 23 20	7° 5'19	2♌40	12° 0	12°53	21°43	20°48	23°16	2°52	29°28	8°44	26°49	28°31	19° 0	n.a.	T 3
F 4	6 27 17	8° 6'06	16°15	13° 9	14° 8	22°30	20°40	23°19	2°55	29°29	8°44	26°46	28°28	19° 7	n.a.	F 4
S 5	6 31 13	9° 6'51	29°59	14°20	15°23	23°17	20°33	23°22	2°59	29°31	8°44	26°D46	28°25	19°14	n.a.	S 5
S 6	6 35 10	10° 7'35	13♍50	15°33	16°38	24° 5	20°26	23°25	3° 2	29°33	8°44	26°46	28°22	19°20	n.a.	S 6
M 7	6 39 7	11° 8'19	27°49	16°47	17°53	24°52	20°19	23°29	3° 6	29°34	8°45	26°48	28°19	19°27	n.a.	M 7
T 8	6 43 3	12° 9'00	11♎54	18° 3	19° 8	25°39	20°12	23°32	3° 9	29°36	8°45	26°R48	28°15	19°34	n.a.	T 8
W 9	6 47 0	13° 9'41	26° 4	19°21	20°23	26°26	20° 5	23°35	3°13	29°38	8°45	26°48	28°12	19°41	n.a.	W 9
T 10	6 50 56	14°10'20	10♏17	20°40	21°39	27°13	19°58	23°37	3°16	29°39	8°45	26°45	28° 9	19°47	n.a.	T 10
F 11	6 54 53	15°10'58	24°32	22° 0	22°54	28° 0	19°51	23°40	3°20	29°41	8°45	26°40	28° 6	19°54	n.a.	F 11
S 12	6 58 49	16°11'35	8♐44	23°22	24° 9	28°47	19°45	23°43	3°23	29°43	8°46	26°34	28° 3	20° 1	n.a.	S 12
S 13	7 2 46	17°12'10	22°48	24°45	25°23	29°34	19°38	23°45	3°26	29°45	8°46	26°28	27°59	20° 7	n.a.	S 13
M14	7 6 43	18°12'44	6♑42	26° 9	26°38	0♒21	19°32	23°48	3°30	29°46	8°46	26°21	27°56	20°14	n.a.	M14
T 15	7 10 39	19°13'16	20°20	27°34	27°53	1° 9	19°26	23°50	3°33	29°48	8°47	26°16	27°53	20°21	n.a.	T 15
W16	7 14 36	20°13'47	3♒39	29° 0	29° 8	1°56	19°20	23°53	3°37	29°50	8°47	26°12	27°50	20°27	n.a.	W16
T 17	7 18 32	21°14'15	16°40	0♑28	0♒23	2°43	19°14	23°55	3°40	29°52	8°48	26°10	27°47	20°34	n.a.	T 17
F 18	7 22 29	22°14'42	29°20	1°56	1°38	3°29	19° 8	23°57	3°44	29°54	8°48	26°D 9	27°44	20°41	n.a.	F 18
S 19	7 26 25	23°15'06	11♓44	3°26	2°53	4°16	19° 3	23°59	3°47	29°56	8°48	26°10	27°40	20°48	n.a.	S 19
S 20	7 30 22	24°15'29	23°52	4°56	4° 8	5° 3	18°57	24° 1	3°50	29°58	8°49	26°12	27°37	20°54	n.a.	S 20
M21	7 34 18	25°15'49	5♈50	6°28	5°23	5°50	18°52	24° 3	3°54	29°59	8°49	26°14	27°34	21° 1	n.a.	M21
T 22	7 38 15	26°16'07	17°43	8° 0	6°37	6°37	18°47	24° 4	3°57	0♓ 1	8°50	26°15	27°31	21° 8	n.a.	T 22
W23	7 42 11	27°16'23	29°34	9°34	7°52	7°24	18°42	24° 6	4° 0	0° 3	8°50	26°R16	27°28	21°14	n.a.	W23
T 24	7 46 8	28°16'37	11♉29	11° 8	9° 7	8°11	18°37	24° 7	4° 4	0° 5	8°51	26°15	27°24	21°21	n.a.	T 24
F 25	7 50 5	29°16'49	23°32	12°44	10°22	8°57	18°32	24° 9	4° 7	0° 7	8°51	26°12	27°21	21°28	n.a.	F 25
S 26	7 54 1	0♒16'59	5♊49	14°21	11°36	9°44	18°28	24°10	4°10	0° 9	8°52	26° 9	27°18	21°34	n.a.	S 26
S 27	7 57 58	1°17'06	18°22	15°58	12°51	10°31	18°24	24°11	4°13	0°11	8°53	26° 5	27°15	21°41	n.a.	S 27
M28	8 1 54	2°17'12	1♋13	17°37	14° 6	11°17	18°20	24°12	4°16	0°13	8°53	26° 1	27°12	21°48	n.a.	M28
T 29	8 5 51	3°17'15	14°25	19°17	15°20	12° 4	18°16	24°13	4°20	0°15	8°54	25°58	27° 9	21°54	n.a.	T 29
W30	8 9 47	4°17'16	27°55	20°58	16°35	12°51	18°12	24°14	4°23	0°18	8°55	25°55	27° 5	22° 1	n.a.	W30
T 31	8 13 44	5♒17'15	11♌43	22♑39	17♒50	13♒37	18♊ 8	24♎15	4♑26	0♓20	8♈55	25♌53	27♌ 2	22♈ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s40	19n40	3 s58	21 s 8	1n 6	24 s31	1 s10	23 s21	1 s 7	23n45	0n18	6 s53	2n24	24 s 8	0 s23	13 s12	1 s27	10 s58	15 s48	12n40	12n 7	3n48		n.a.
W 2	23 37	19 16	3 8	21 27	0 57	24 26	1 11	23 13	1 7	23 45	0 18	6 55	2 24	24 8	0 23	13 11	1 27	10 58	15 48	12 43	12 8	3 50		n.a.
T 3	23 34	17 47	2 6	21 45	0 47	24 20	1 13	23 6	1 7	23 44	0 18	6 56	2 24	24 7	0 23	13 11	1 27	10 58	15 47	12 45	12 9	3 52		n.a.
F 4	23 31	15 17	0 56	22 4	0 38	24 14	1 14	22 58	1 7	23 44	0 18	6 57	2 24	24 7	0 23	13 10	1 27	10 57	15 47	12 46	12 10	3 54		n.a.
S 5	23 27	11 54	0n17	22 21	0 29	24 7	1 15	22 50	1 7	23 43	0 18	6 58	2 25	24 7	0 23	13 9	1 27	10 57	15 47	12 46	12 11	3 56		n.a.
S 6	23 22	7 50	1 31	22 38	0 20	23 59	1 17	22 41	1 7	23 43	0 18	6 59	2 25	24 7	0 23	13 9	1 27	10 57	15 46	12 45	12 12	3 58		n.a.
M 7	23 18	3 19	2 40	22 55	0 11	23 50	1 18	22 33	1 7	23 43	0 18	7 0	2 25	24 7	0 23	13 8	1 27	10 56	15 46	12 45	12 13	4 0		n.a.
T 8	23 12	1 s24	3 40	23 11	0 3	23 41	1 19	22 24	1 7	23 42	0 18	7 1	2 25	24 7	0 23	13 8	1 27	10 56	15 46	12 45	12 15	4 2		n.a.
W 9	23 6	6 4	4 26	23 26	0 s 6	23 30	1 20	22 15	1 7	23 42	0 19	7 2	2 25	24 7	0 23	13 7	1 27	10 55	15 45	12 45	12 16	4 4		n.a.
T 10	23 0	10 25	4 57	23 40	0 14	23 20	1 21	22 5	1 6	23 41	0 19	7 2	2 26	24 7	0 23	13 6	1 27	10 55	15 45	12 46	12 17	4 6		n.a.
F 11	22 53	14 10	5 9	23 53	0 22	23 8	1 22	21 56	1 6	23 41	0 19	7 3	2 26	24 7	0 23	13 6	1 27	10 55	15 45	12 48	12 18	4 9		n.a.
S 12	22 46	17 5	5 3	24 5	0 30	22 56	1 22	21 46	1 6	23 41	0 19	7 4	2 26	24 7	0 23	13 5	1 27	10 54	15 44	12 50	12 19	4 11		n.a.
S 13	22 39	18 57	4 38	24 17	0 37	22 43	1 23	21 36	1 6	23 40	0 19	7 5	2 26	24 7	0 23	13 4	1 27	10 54	15 44	12 52	12 20	4 13		n.a.
M14	22 30	19 39	3 57	24 27	0 44	22 29	1 24	21 25	1 6	23 40	0 19	7 6	2 27	24 7	0 23	13 4	1 27	10 53	15 44	12 54	12 21	4 15		n.a.
T 15	22 22	19 12	3 3	24 36	0 51	22 15	1 25	21 15	1 6	23 40	0 19	7 6	2 27	24 7	0 24	13 3	1 27	10 53	15 43	12 56	12 22	4 17		n.a.
W16	22 13	17 40	2 0	24 44	0 58	22 0	1 25	21 4	1 6	23 39	0 19	7 7	2 27	24 6	0 24	13 2	1 27	10 52	15 43	12 57	12 23	4 19		n.a.
T 17	22 4	15 14	0 52	24 50	1 4	21 44	1 26	20 53	1 5	23 39	0 19	7 7	2 27	24 6	0 24	13 2	1 27	10 52	15 43	12 58	12 25	4 21		n.a.
F 18	21 54	12 8	0 s17	24 56	1 11	21 28	1 26	20 42	1 5	23 38	0 20	7 8	2 27	24 6	0 24	13 1	1 27	10 52	15 42	12 58	12 26	4 23		n.a.
S 19	21 44	8 33	1 24	25 0	1 17	21 11	1 27	20 30	1 5	23 38	0 20	7 9	2 28	24 6	0 24	13 0	1 27	10 51	15 42	12 58	12 27	4 25		n.a.
S 20	21 33	4 42	2 26	25 2	1 22	20 54	1 27	20 19	1 5	23 38	0 20	7 9	2 28	24 6	0 24	13 0	1 27	10 51	15 42	12 57	12 28	4 27		n.a.
M21	21 22	0 42	3 20	25 4	1 27	20 35	1 27	20 7	1 5	23 37	0 20	7 10	2 28	24 6	0 24	12 59	1 27	10 50	15 41	12 57	12 29	4 29		n.a.
T 22	21 11	3n16	4 6	25 3	1 32	20 17	1 27	19 55	1 4	23 37	0 20	7 10	2 28	24 6	0 24	12 58	1 27	10 50	15 41	12 56	12 30	4 31		n.a.
W23	20 59	7 6	4 41	25 2	1 37	19 58	1 28	19 42	1 4	23 37	0 20	7 10	2 29	24 6	0 24	12 57	1 27	10 49	15 41	12 56	12 31	4 33		n.a.
T 24	20 47	10 40	5 3	24 59	1 41	19 38	1 28	19 30	1 4	23 36	0 20	7 11	2 29	24 6	0 24	12 57	1 27	10 49	15 40	12 56	12 32	4 35		n.a.
F 25	20 35	13 51	5 13	24 54	1 45	19 17	1 28	19 17	1 4	23 36	0 20	7 11	2 29	24 6	0 24	12 56	1 27	10 48	15 40	12 57	12 33	4 37		n.a.
S 26	20 22	16 30	5 9	24 47	1 49	18 56	1 28	19 4	1 4	23 36	0 20	7 11	2 29	24 6	0 24	12 55	1 27	10 47	15 40	12 58	12 34	4 39		n.a.
S 27	20 9	18 25	4 51	24 39	1 52	18 35	1 28	18 51	1 3	23 35	0 20	7 12	2 29	24 6	0 24	12 55	1 27	10 47	15 39	13 0	12 36	4 41		n.a.
M28	19 55	19 29	4 17	24 30	1 55	18 13	1 27	18 38	1 3	23 35	0 21	7 12	2 30	24 5	0 24	12 54	1 27	10 46	15 39	13 1	12 37	4 43		n.a.
T 29	19 41	19 31	3 29	24 18	1 58	17 50	1 27	18 25	1 3	23 35	0 21	7 12	2 30	24 5	0 24	12 53	1 27	10 46	15 39	13 2	12 38	4 45		n.a.
W30	19 27	18 27	2 28	24 5	2 0	17 27	1 27	18 11	1 3	23 35	0 21	7 12	2 30	24 5	0 24	12 52	1 27	10 45	15 38	13 3	12 39	4 47		n.a.
T 31	19 s12	16n16	1 s17	23 s50	2 s 2	17 s 4	1 s26	17 s57	1 s 2	23n34	0n21	7 s12	2n30	24 s 5	0 s24	12 s52	1 s27	10 s45	15 s38	13n 4	12n40	4n49		n.a.

Julian Day Number = 1499351.5, Delta T = 05h08m11s
Ecliptic obliquity = 23°45'58, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'14, Lahiri = -12°21'13 Julian Calendar 1 Jan. 608 BCE == Greg. Calendar 25 Dec. 609 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

FEBRUARY 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 17 40	6♒17'12	25♌44	24♉22	19♒ 4	14♒24	18°R 5	24♎16	4♉29	0♓22	8♈56	25°D53	26♌59	22♈15	n.a.	F 1
S 2	8 21 37	7°17'07	9♍56	26° 7	20°19	15°10	18♊ 2	24°16	4°32	0°24	8°57	25♌53	26°56	22°21	n.a.	S 2
S 3	8 25 34	8°17'00	24°14	27°52	21°33	15°57	17°59	24°17	4°35	0°26	8°57	25°54	26°53	22°28	n.a.	S 3
M 4	8 29 30	9°16'51	8♎34	29°38	22°48	16°43	17°56	24°17	4°38	0°28	8°58	25°56	26°50	22°35	n.a.	M 4
T 5	8 33 27	10°16'41	22°52	1♒26	24° 2	17°29	17°53	24°18	4°41	0°30	8°59	25°57	26°46	22°41	n.a.	T 5
W 6	8 37 23	11°16'28	7♏ 6	3°14	25°17	18°16	17°51	24°18	4°44	0°32	9° 0	25°R57	26°43	22°48	n.a.	W 6
T 7	8 41 20	12°16'14	21°14	5° 4	26°31	19° 2	17°49	24°18	4°47	0°35	9° 0	25°57	26°40	22°55	n.a.	T 7
F 8	8 45 16	13°15'59	5♐13	6°55	27°46	19°48	17°47	24°R18	4°50	0°37	9° 1	25°56	26°37	23° 1	n.a.	F 8
S 9	8 49 13	14°15'41	19° 2	8°48	29° 0	20°35	17°45	24°18	4°53	0°39	9° 2	25°55	26°34	23° 8	n.a.	S 9
S 10	8 53 9	15°15'21	2♑39	10°41	0♓14	21°21	17°43	24°18	4°56	0°41	9° 3	25°54	26°30	23°15	n.a.	S 10
M11	8 57 6	16°15'00	16° 4	12°35	1°29	22° 7	17°42	24°17	4°59	0°43	9° 4	25°52	26°27	23°22	n.a.	M11
T 12	9 1 3	17°14'37	29°16	14°31	2°43	22°53	17°40	24°17	5° 2	0°46	9° 5	25°51	26°24	23°28	n.a.	T 12
W13	9 4 59	18°14'11	12♒13	16°28	3°57	23°39	17°39	24°17	5° 5	0°48	9° 6	25°51	26°21	23°35	n.a.	W13
T 14	9 8 56	19°13'43	24°56	18°25	5°12	24°25	17°38	24°16	5° 7	0°50	9° 7	25°D50	26°18	23°42	n.a.	T 14
F 15	9 12 52	20°13'14	7♓25	20°24	6°26	25°11	17°38	24°15	5°10	0°52	9° 7	25°51	26°15	23°48	n.a.	F 15
S 16	9 16 49	21°12'41	19°42	22°24	7°40	25°57	17°37	24°15	5°13	0°55	9° 8	25°51	26°11	23°55	n.a.	S 16
S 17	9 20 45	22°12'07	1♈47	24°24	8°54	26°43	17°37	24°14	5°15	0°57	9° 9	25°51	26° 8	24° 2	n.a.	S 17
M18	9 24 42	23°11'30	13°44	26°25	10° 8	27°29	17°D37	24°13	5°18	0°59	9°10	25°52	26° 5	24° 8	n.a.	M18
T 19	9 28 38	24°10'51	25°37	28°27	11°22	28°15	17°37	24°12	5°21	1° 1	9°11	25°52	26° 2	24°15	n.a.	T 19
W20	9 32 35	25°10'09	7♉28	0♓28	12°36	29° 0	17°37	24°10	5°23	1° 4	9°12	25°52	25°59	24°22	n.a.	W20
T 21	9 36 31	26° 9'25	19°22	2°30	13°50	29°46	17°37	24° 9	5°26	1° 6	9°13	25°52	25°56	24°29	n.a.	T 21
F 22	9 40 28	27° 8'39	1♊25	4°32	15° 5	0♓32	17°38	24° 8	5°28	1° 8	9°14	25°52	25°52	24°35	n.a.	F 22
S 23	9 44 25	28° 7'50	13°40	6°33	16°18	1°18	17°39	24° 6	5°31	1°10	9°16	25°52	25°49	24°42	n.a.	S 23
S 24	9 48 21	29° 6'59	26°12	8°34	17°32	2° 3	17°40	24° 5	5°33	1°13	9°17	25°52	25°46	24°49	n.a.	S 24
M25	9 52 18	0♓ 6'06	9♋ 4	10°34	18°46	2°49	17°41	24° 3	5°35	1°15	9°18	25°53	25°43	24°55	n.a.	M25
T 26	9 56 14	1° 5'10	22°19	12°32	20° 0	3°34	17°42	24° 1	5°38	1°17	9°19	25°53	25°40	25° 2	n.a.	T 26
W27	10 0 11	2° 4'11	5♌59	14°29	21°14	4°20	17°44	24° 0	5°40	1°19	9°20	25°54	25°36	25° 9	n.a.	W27
T 28	10 4 7	3♓ 3'11	20♌ 1	16♓23	22♓28	5♓ 5	17♊46	23♎58	5♉42	1♓22	9♈21	25°R54	25♌33	25♈16	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s57	13n 6	0s 1	23s33	2s 3	16s40	1s26	17s43	1s 2	23n34	0n21	7s12	2n31	24s 5	0s24	12s51	1s27	10s44	15s38	13n 4	12n41	4n51		n.a.
S 2	18 42	9 8	1n17	23 15	2 4	16 16	1 26	17 29	1 2	23 34	0 21	7 12	2 31	24 5	0 24	12 50	1 27	10 44	15 37	13 4	12 42	4 53		n.a.
S 3	18 27	4 37	2 30	22 54	2 4	15 51	1 25	17 15	1 1	23 34	0 21	7 12	2 31	24 5	0 24	12 49	1 27	10 43	15 37	13 3	12 43	4 55		n.a.
M 4	18 11	0s10	3 35	22 32	2 4	15 26	1 24	17 1	1 1	23 34	0 21	7 12	2 31	24 5	0 24	12 48	1 27	10 43	15 37	13 3	12 44	4 57		n.a.
T 5	17 54	4 55	4 25	22 8	2 4	15 0	1 24	16 46	1 1	23 34	0 21	7 12	2 31	24 5	0 24	12 48	1 27	10 42	15 37	13 3	12 45	4 59		n.a.
W 6	17 38	9 21	4 59	21 41	2 3	14 34	1 23	16 31	1 1	23 33	0 21	7 12	2 32	24 5	0 24	12 47	1 27	10 41	15 36	13 2	12 47	5 1		n.a.
T 7	17 21	13 15	5 15	21 13	2 2	14 8	1 22	16 16	1 0	23 33	0 21	7 12	2 32	24 5	0 24	12 46	1 27	10 41	15 36	13 2	12 48	5 3		n.a.
F 8	17 4	16 20	5 12	20 43	2 0	13 41	1 21	16 1	1 0	23 33	0 21	7 12	2 32	24 4	0 24	12 45	1 27	10 40	15 36	13 3	12 49	5 5		n.a.
S 9	16 47	18 28	4 51	20 11	1 57	13 14	1 20	15 46	1 0	23 33	0 22	7 11	2 32	24 4	0 24	12 44	1 27	10 40	15 35	13 3	12 50	5 7		n.a.
S 10	16 29	19 31	4 14	19 38	1 54	12 46	1 19	15 31	0 59	23 33	0 22	7 11	2 33	24 4	0 24	12 44	1 27	10 39	15 35	13 4	12 51	5 9		n.a.
M11	16 11	19 26	3 23	19 2	1 51	12 19	1 18	15 15	0 59	23 33	0 22	7 11	2 33	24 4	0 24	12 43	1 27	10 38	15 35	13 4	12 52	5 12		n.a.
T 12	15 53	18 16	2 22	18 24	1 47	11 50	1 17	15 0	0 59	23 33	0 22	7 10	2 33	24 4	0 24	12 42	1 27	10 38	15 35	13 4	12 53	5 14		n.a.
W13	15 34	16 10	1 15	17 44	1 42	11 22	1 16	14 44	0 58	23 33	0 22	7 10	2 33	24 4	0 24	12 41	1 27	10 37	15 34	13 5	12 54	5 16		n.a.
T 14	15 16	13 19	0 5	17 3	1 37	10 53	1 14	14 28	0 58	23 33	0 22	7 10	2 33	24 4	0 24	12 40	1 27	10 37	15 34	13 5	12 55	5 18		n.a.
F 15	14 57	9 53	1s 4	16 19	1 31	10 24	1 13	14 12	0 58	23 33	0 22	7 9	2 34	24 4	0 24	12 40	1 27	10 36	15 34	13 5	12 56	5 20		n.a.
S 16	14 37	6 6	2 9	15 34	1 25	9 55	1 12	13 56	0 57	23 33	0 22	7 9	2 34	24 4	0 24	12 39	1 27	10 35	15 33	13 5	12 58	5 22		n.a.
S 17	14 18	2 8	3 7	14 47	1 18	9 26	1 10	13 40	0 57	23 33	0 22	7 8	2 34	24 4	0 24	12 38	1 27	10 35	15 33	13 4	12 59	5 24		n.a.
M18	13 58	1n53	3 56	13 59	1 10	8 56	1 9	13 24	0 57	23 33	0 22	7 8	2 34	24 4	0 24	12 37	1 27	10 34	15 33	13 4	13 0	5 26		n.a.
T 19	13 39	5 47	4 34	13 9	1 2	8 26	1 7	13 7	0 56	23 33	0 22	7 7	2 35	24 4	0 24	12 36	1 27	10 34	15 33	13 4	13 1	5 28		n.a.
W20	13 18	9 27	5 1	12 17	0 53	7 56	1 6	12 51	0 56	23 33	0 22	7 6	2 35	24 3	0 24	12 36	1 27	10 33	15 32	13 4	13 2	5 30		n.a.
T 21	12 58	12 45	5 15	11 25	0 44	7 25	1 4	12 34	0 55	23 33	0 22	7 6	2 35	24 3	0 24	12 35	1 27	10 32	15 32	13 4	13 3	5 32		n.a.
F 22	12 38	15 34	5 16	10 31	0 34	6 55	1 2	12 18	0 55	23 33	0 22	7 5	2 35	24 3	0 24	12 34	1 27	10 32	15 32	13 4	13 4	5 34		n.a.
S 23	12 17	17 45	5 2	9 36	0 24	6 24	1 1	12 1	0 55	23 33	0 22	7 4	2 35	24 3	0 24	12 33	1 27	10 31	15 32	13 4	13 5	5 36		n.a.
S 24	11 56	19 9	4 34	8 40	0 13	5 53	0 59	11 44	0 54	23 34	0 23	7 3	2 36	24 3	0 24	12 32	1 27	10 30	15 32	13 4	13 6	5 38		n.a.
M25	11 35	19 36	3 52	7 45	0 2	5 22	0 57	11 27	0 54	23 34	0 23	7 3	2 36	24 3	0 24	12 32	1 27	10 30	15 31	13 4	13 7	5 40		n.a.
T 26	11 14	19 0	2 56	6 48	0n 9	4 51	0 55	11 10	0 54	23 34	0 23	7 2	2 36	24 3	0 24	12 31	1 27	10 29	15 31	13 4	13 8	5 42		n.a.
W27	10 53	17 17	1 48	5 52	0 21	4 20	0 53	10 53	0 53	23 34	0 23	7 1	2 36	24 3	0 24	12 30	1 27	10 29	15 31	13 4	13 10	5 44		n.a.
T 28	10s31	14n30	0s33	4s57	0n33	3s48	0s51	10s35	0s53	23n34	0n23	7s 0	2n36	24s 3	0s24	12s29	1s27	10s28	15s31	13n 3	13n11	5n46		n.a.

Julian Day Number = 1499382.5, Delta T = 05h08m09s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'09, Lahiri = -12°21'09 Julian Calendar 1 Feb. 608 BCE == Greg. Calendar 25 Jan. 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

MARCH 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 8 4	4♓ 2'08	4♍24	18♓15	23♓42	5♓50	17♊48	23°R56	5♑45	1♓24	9♈22	25°R54	25♌30	25♈22	n.a.	F 1
S 2	10 12 0	5° 1'03	19° 2	20° 3	24°55	6°36	17°50	23♎54	5°47	1°26	9°23	25♌54	25°27	25°29	n.a.	S 2
S 3	10 15 57	5°59'56	3♎48	21°49	26° 9	7°21	17°52	23°51	5°49	1°28	9°24	25°53	25°24	25°36	n.a.	S 3
M 4	10 19 54	6°58'47	18°35	23°31	27°23	8° 6	17°55	23°49	5°51	1°31	9°26	25°51	25°21	25°42	n.a.	M 4
T 5	10 23 50	7°57'36	3♏17	25° 9	28°36	8°51	17°57	23°47	5°53	1°33	9°27	25°50	25°17	25°49	n.a.	T 5
W 6	10 27 47	8°56'23	17°46	26°42	29°50	9°37	18° 0	23°44	5°55	1°35	9°28	25°49	25°14	25°56	n.a.	W 6
T 7	10 31 43	9°55'08	2♐ 0	28°11	1♈ 4	10°22	18° 3	23°42	5°57	1°37	9°29	25°48	25°11	26° 2	n.a.	T 7
F 8	10 35 40	10°53'52	15°57	29°36	2°17	11° 7	18° 6	23°39	5°59	1°40	9°30	25°D48	25° 8	26° 9	n.a.	F 8
S 9	10 39 36	11°52'34	29°35	0♈55	3°31	11°52	18°10	23°37	6° 1	1°42	9°32	25°49	25° 5	26°16	n.a.	S 9
S 10	10 43 33	12°51'14	12♑55	2° 9	4°44	12°37	18°13	23°34	6° 3	1°44	9°33	25°50	25° 1	26°23	n.a.	S 10
M11	10 47 29	13°49'52	25°58	3°17	5°57	13°21	18°17	23°31	6° 5	1°46	9°34	25°51	24°58	26°29	n.a.	M11
T 12	10 51 26	14°48'29	8♒47	4°20	7°11	14° 6	18°21	23°28	6° 7	1°49	9°35	25°53	24°55	26°36	n.a.	T 12
W13	10 55 22	15°47'03	21°23	5°17	8°24	14°51	18°25	23°25	6° 8	1°51	9°37	25°R53	24°52	26°43	n.a.	W13
T 14	10 59 19	16°45'36	3♓48	6° 9	9°38	15°36	18°29	23°22	6°10	1°53	9°38	25°53	24°49	26°49	n.a.	T 14
F 15	11 3 16	17°44'07	16° 3	6°54	10°51	16°21	18°34	23°19	6°12	1°55	9°39	25°52	24°46	26°56	n.a.	F 15
S 16	11 7 12	18°42'35	28° 9	7°34	12° 4	17° 5	18°38	23°16	6°13	1°57	9°40	25°49	24°42	27° 3	n.a.	S 16
S 17	11 11 9	19°41'02	10♈ 8	8° 8	13°17	17°50	18°43	23°13	6°15	2° 0	9°42	25°46	24°39	27°10	n.a.	S 17
M18	11 15 5	20°39'26	22° 2	8°35	14°30	18°34	18°48	23° 9	6°16	2° 2	9°43	25°42	24°36	27°16	n.a.	M18
T 19	11 19 2	21°37'49	3♉54	8°57	15°44	19°19	18°53	23° 6	6°18	2° 4	9°44	25°38	24°33	27°23	n.a.	T 19
W20	11 22 58	22°36'09	15°45	9°13	16°57	20° 3	18°58	23° 2	6°19	2° 6	9°46	25°33	24°30	27°30	n.a.	W20
T 21	11 26 55	23°34'27	27°39	9°22	18°10	20°48	19° 4	22°59	6°21	2° 8	9°47	25°30	24°27	27°36	n.a.	T 21
F 22	11 30 51	24°32'43	9♊41	9°R26	19°23	21°32	19° 9	22°55	6°22	2°10	9°48	25°28	24°23	27°43	n.a.	F 22
S 23	11 34 48	25°30'57	21°53	9°24	20°36	22°16	19°15	22°52	6°23	2°13	9°50	25°D27	24°20	27°50	n.a.	S 23
S 24	11 38 44	26°29'09	4♋21	9°17	21°49	23° 1	19°21	22°48	6°24	2°15	9°51	25°27	24°17	27°56	n.a.	S 24
M25	11 42 41	27°27'19	17° 9	9° 5	23° 1	23°45	19°27	22°44	6°26	2°17	9°52	25°28	24°14	28° 3	n.a.	M25
T 26	11 46 38	28°25'26	0♌20	8°48	24°14	24°29	19°33	22°41	6°27	2°19	9°54	25°29	24°11	28°10	n.a.	T 26
W27	11 50 34	29°23'32	13°58	8°26	25°27	25°13	19°39	22°37	6°28	2°21	9°55	25°31	24° 7	28°17	n.a.	W27
T 28	11 54 31	0♈21'35	28° 3	8° 0	26°40	25°57	19°46	22°33	6°29	2°23	9°56	25°R31	24° 4	28°23	n.a.	T 28
F 29	11 58 27	1°19'36	12♍34	7°31	27°52	26°41	19°52	22°29	6°30	2°25	9°58	25°30	24° 1	28°30	n.a.	F 29
S 30	12 2 24	2°17'36	27°26	6°59	29° 5	27°25	19°59	22°25	6°31	2°27	9°59	25°27	23°58	28°37	n.a.	S 30
S 31	12 6 20	3♈15'34	12♎32	6♈24	0♉18	28♓ 9	20♊ 6	22♎21	6♑32	2♓29	10♈ 0	25♌23	23♌55	28♈43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s10	10n45	0n47	4s 1	0n45	3s17	0s49	10s18	0s52	23n35	0n23	6s59	2n37	24s 3	0s24	12s28	1s27	10s27	15s30	13n 3	13n12	5n48		n.a.
S 2	9 48	6 18	2 5	3 7	0 57	2 45	0 47	10 1	0 52	23 35	0 23	6 58	2 37	24 3	0 24	12 27	1 27	10 27	15 30	13 4	13 13	5 50		n.a.
S 3	9 26	1 27	3 15	2 14	1 9	2 14	0 45	9 43	0 51	23 35	0 23	6 57	2 37	24 3	0 24	12 27	1 27	10 26	15 30	13 4	13 14	5 52		n.a.
M 4	9 4	3s30	4 12	1 22	1 21	1 42	0 42	9 26	0 51	23 35	0 23	6 56	2 37	24 3	0 24	12 26	1 27	10 25	15 30	13 4	13 15	5 54		n.a.
T 5	8 42	8 12	4 52	0 32	1 33	1 10	0 40	9 8	0 51	23 36	0 23	6 55	2 37	24 2	0 24	12 25	1 27	10 25	15 30	13 5	13 16	5 56		n.a.
W 6	8 20	12 21	5 13	0n16	1 44	0 39	0 38	8 51	0 50	23 36	0 23	6 54	2 37	24 2	0 24	12 24	1 27	10 24	15 29	13 5	13 17	5 58		n.a.
T 7	7 57	15 42	5 15	1 2	1 55	0 7	0 35	8 33	0 50	23 36	0 23	6 53	2 38	24 2	0 25	12 23	1 27	10 24	15 29	13 5	13 18	6 0		n.a.
F 8	7 35	18 5	4 57	1 46	2 6	0n25	0 33	8 15	0 49	23 37	0 23	6 52	2 38	24 2	0 25	12 23	1 27	10 23	15 29	13 6	13 19	6 2		n.a.
S 9	7 12	19 23	4 23	2 27	2 16	0 57	0 31	7 57	0 49	23 37	0 23	6 51	2 38	24 2	0 25	12 22	1 27	10 22	15 29	13 5	13 20	6 4		n.a.
S 10	6 49	19 33	3 36	3 5	2 26	1 29	0 28	7 40	0 48	23 37	0 23	6 50	2 38	24 2	0 25	12 21	1 27	10 22	15 29	13 5	13 21	6 6		n.a.
M11	6 27	18 39	2 38	3 41	2 34	2 0	0 26	7 22	0 48	23 38	0 23	6 48	2 38	24 2	0 25	12 20	1 27	10 21	15 29	13 4	13 22	6 8		n.a.
T 12	6 4	16 49	1 33	4 13	2 42	2 32	0 23	7 4	0 47	23 38	0 23	6 47	2 38	24 2	0 25	12 19	1 27	10 20	15 28	13 4	13 24	6 11		n.a.
W13	5 41	14 10	0 25	4 43	2 50	3 4	0 21	6 46	0 47	23 39	0 23	6 46	2 39	24 2	0 25	12 19	1 27	10 20	15 28	13 4	13 25	6 13		n.a.
T 14	5 18	10 55	0s44	5 10	2 56	3 35	0 18	6 28	0 46	23 39	0 24	6 45	2 39	24 2	0 25	12 18	1 27	10 19	15 28	13 4	13 26	6 15		n.a.
F 15	4 55	7 15	1 49	5 33	3 1	4 7	0 15	6 10	0 46	23 39	0 24	6 43	2 39	24 2	0 25	12 17	1 27	10 18	15 28	13 4	13 27	6 17		n.a.
S 16	4 32	3 19	2 48	5 53	3 6	4 38	0 13	5 52	0 46	23 40	0 24	6 42	2 39	24 2	0 25	12 16	1 27	10 18	15 28	13 5	13 28	6 19		n.a.
S 17	4 8	0n42	3 40	6 9	3 9	5 10	0 10	5 34	0 45	23 40	0 24	6 41	2 39	24 2	0 25	12 16	1 27	10 17	15 28	13 6	13 29	6 21		n.a.
M18	3 45	4 40	4 21	6 22	3 11	5 41	0 8	5 16	0 45	23 41	0 24	6 39	2 39	24 2	0 25	12 15	1 27	10 17	15 28	13 8	13 30	6 23		n.a.
T 19	3 22	8 26	4 51	6 32	3 12	6 12	0 5	4 58	0 44	23 41	0 24	6 38	2 39	24 2	0 25	12 14	1 27	10 16	15 27	13 9	13 31	6 25		n.a.
W20	2 58	11 51	5 9	6 37	3 11	6 43	0 2	4 39	0 44	23 42	0 24	6 37	2 39	24 2	0 25	12 13	1 27	10 15	15 27	13 11	13 32	6 27		n.a.
T 21	2 35	14 50	5 13	6 40	3 10	7 14	0n 1	4 21	0 43	23 42	0 24	6 35	2 40	24 2	0 25	12 12	1 27	10 15	15 27	13 12	13 33	6 29		n.a.
F 22	2 12	17 12	5 4	6 39	3 7	7 44	0 3	4 3	0 43	23 43	0 24	6 34	2 40	24 2	0 25	12 12	1 27	10 14	15 27	13 13	13 34	6 31		n.a.
S 23	1 48	18 51	4 41	6 34	3 3	8 15	0 6	3 45	0 42	23 43	0 24	6 32	2 40	24 2	0 25	12 11	1 27	10 14	15 27	13 13	13 35	6 33		n.a.
S 24	1 25	19 38	4 4	6 26	2 57	8 45	0 9	3 27	0 42	23 44	0 24	6 31	2 40	24 1	0 25	12 10	1 27	10 13	15 27	13 13	13 36	6 35		n.a.
M25	1 2	19 26	3 14	6 15	2 50	9 15	0 12	3 9	0 41	23 44	0 24	6 29	2 40	24 1	0 25	12 9	1 27	10 12	15 27	13 12	13 38	6 37		n.a.
T 26	0 38	18 11	2 13	6 0	2 42	9 45	0 14	2 50	0 41	23 45	0 24	6 28	2 40	24 1	0 25	12 9	1 27	10 12	15 27	13 12	13 39	6 39		n.a.
W27	0 15	15 52	1 3	5 43	2 32	10 14	0 17	2 32	0 40	23 45	0 24	6 26	2 40	24 1	0 25	12 8	1 27	10 11	15 27	13 11	13 40	6 41		n.a.
T 28	0n 9	12 32	0n14	5 22	2 21	10 44	0 20	2 14	0 40	23 46	0 24	6 25	2 40	24 1	0 25	12 7	1 27	10 11	15 27	13 11	13 41	6 43		n.a.
F 29	0 32	8 21	1 32	5 0	2 9	11 13	0 23	1 56	0 39	23 47	0 24	6 23	2 40	24 1	0 25	12 7	1 27	10 10	15 26	13 12	13 42	6 45		n.a.
S 30	0 55	3 33	2 45	4 35	1 56	11 42	0 26	1 38	0 39	23 47	0 24	6 22	2 40	24 1	0 25	12 6	1 27	10 9	15 26	13 13	13 43	6 47		n.a.
S 31	1n19	1s32	3n48	4n 8	1n42	12n10	0n29	1s20	0s38	23n48	0n24	6s20	2n41	24s 1	0s25	12s 5	1s27	10s 9	15s26	13n14	13n44	6n49		n.a.

Julian Day Number = 1499410.5, Delta T = 05h08m08s
Ecliptic obliquity = 23°46'00, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'06, Lahiri = -12°21'05 Julian Calendar 1 March 608 BCE == Greg. Calendar 22 Feb. 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

APRIL 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 10 17	4♈13'30	27♎42	5°R48	1♉30	28♓52	20♊13	22°R17	6♑33	2♓31	10♈ 2	25°R18	23♌52	28♈50	n.a.	M 1
T 2	12 14 13	5°11'24	12♏46	5♈10	2°43	29°36	20°20	22♎13	6°33	2°33	10° 3	25♌12	23°48	28°57	n.a.	T 2
W 3	12 18 10	6° 9'17	27°36	4°32	3°55	0♈20	20°27	22° 9	6°34	2°35	10° 4	25° 7	23°45	29° 4	n.a.	W 3
T 4	12 22 7	7° 7'09	12♐ 4	3°55	5° 8	1° 4	20°34	22° 4	6°35	2°37	10° 6	25° 3	23°42	29°10	n.a.	T 4
F 5	12 26 3	8° 5'00	26° 8	3°18	6°20	1°47	20°42	22° 0	6°35	2°39	10° 7	25° 0	23°39	29°17	n.a.	F 5
S 6	12 30 0	9° 2'49	9♑46	2°44	7°32	2°31	20°50	21°56	6°36	2°41	10° 8	25°D 0	23°36	29°24	n.a.	S 6
S 7	12 33 56	10° 0'37	23° 0	2°11	8°44	3°14	20°57	21°52	6°37	2°43	10°10	25° 0	23°33	29°30	n.a.	S 7
M 8	12 37 53	10°58'23	5♒53	1°41	9°57	3°58	21° 5	21°47	6°37	2°45	10°11	25° 2	23°29	29°37	n.a.	M 8
T 9	12 41 49	11°56'09	18°28	1°13	11° 9	4°41	21°13	21°43	6°38	2°47	10°12	25° 3	23°26	29°44	n.a.	T 9
W10	12 45 46	12°53'52	0♓50	0°50	12°21	5°24	21°22	21°39	6°38	2°48	10°14	25°R 3	23°23	29°51	n.a.	W10
T 11	12 49 42	13°51'35	13° 0	0°30	13°33	6° 8	21°30	21°34	6°38	2°50	10°15	25° 1	23°20	29°57	n.a.	T 11
F 12	12 53 39	14°49'16	25° 3	0°14	14°45	6°51	21°38	21°30	6°39	2°52	10°17	24°57	23°17	0♉ 4	n.a.	F 12
S 13	12 57 35	15°46'56	7♈ 0	0° 3	15°57	7°34	21°47	21°26	6°39	2°54	10°18	24°51	23°13	0°11	n.a.	S 13
S 14	13 1 32	16°44'35	18°54	29♓56	17° 9	8°17	21°55	21°21	6°39	2°56	10°19	24°43	23°10	0°17	n.a.	S 14
M15	13 5 29	17°42'12	0♉45	29°D54	18°21	9° 0	22° 4	21°17	6°39	2°57	10°21	24°33	23° 7	0°24	n.a.	M15
T 16	13 9 25	18°39'48	12°37	29°56	19°33	9°43	22°13	21°12	6°39	2°59	10°22	24°23	23° 4	0°31	n.a.	T 16
W17	13 13 22	19°37'22	24°29	0♈ 2	20°44	10°26	22°22	21° 8	6°39	3° 1	10°23	24°13	23° 1	0°38	n.a.	W17
T 18	13 17 18	20°34'55	6♊26	0°13	21°56	11° 9	22°31	21° 3	6°R39	3° 2	10°25	24° 4	22°58	0°44	n.a.	T 18
F 19	13 21 15	21°32'27	18°29	0°29	23° 8	11°52	22°40	20°59	6°39	3° 4	10°26	23°57	22°54	0°51	n.a.	F 19
S 20	13 25 11	22°29'57	0♋41	0°49	24°19	12°35	22°49	20°55	6°39	3° 6	10°27	23°52	22°51	0°58	n.a.	S 20
S 21	13 29 8	23°27'25	13° 7	1°14	25°31	13°18	22°59	20°50	6°39	3° 7	10°29	23°50	22°48	1° 4	n.a.	S 21
M22	13 33 4	24°24'53	25°51	1°42	26°42	14° 0	23° 8	20°46	6°39	3° 9	10°30	23°D49	22°45	1°11	n.a.	M22
T 23	13 37 1	25°22'18	8♌56	2°15	27°54	14°43	23°18	20°41	6°39	3°10	10°31	23°50	22°42	1°18	n.a.	T 23
W24	13 40 58	26°19'43	22°27	2°52	29° 5	15°26	23°28	20°37	6°38	3°12	10°33	23°R50	22°38	1°25	n.a.	W24
T 25	13 44 54	27°17'06	6♍25	3°32	0♊17	16° 8	23°37	20°33	6°38	3°13	10°34	23°50	22°35	1°31	n.a.	T 25
F 26	13 48 51	28°14'27	20°52	4°17	1°28	16°51	23°47	20°28	6°38	3°15	10°35	23°47	22°32	1°38	n.a.	F 26
S 27	13 52 47	29°11'47	5♎44	5° 5	2°39	17°33	23°57	20°24	6°37	3°16	10°37	23°42	22°29	1°45	n.a.	S 27
S 28	13 56 44	0♉ 9'07	20°54	5°57	3°50	18°15	24° 7	20°20	6°37	3°18	10°38	23°35	22°26	1°51	n.a.	S 28
M29	14 0 40	1° 6'25	6♏13	6°52	5° 1	18°58	24°17	20°15	6°36	3°19	10°39	23°26	22°23	1°58	n.a.	M29
T 30	14 4 37	2♉ 3'42	21♏30	7♈51	6♊12	19♈40	24♊28	20♎11	6♑36	3♓21	10♈41	23♌16	22♌19	2♉ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n42	6s31	4n35	3n40	1n27	12n39	0n31	1s 2	0s37	23n48	0n24	6s19	2n41	24s 1	0s25	12s 4	1s27	10s 8	15s26	13n16	13n45	6n51		n.a.
T 2	2 5	11 5	5 3	3 10	1 11	13 7	0 34	0 43	0 37	23 49	0 24	6 17	2 41	24 1	0 25	12 4	1 27	10 8	15 26	13 18	13 46	6 53		n.a.
W 3	2 29	14 52	5 10	2 40	0 55	13 35	0 37	0 25	0 36	23 49	0 24	6 15	2 41	24 1	0 25	12 3	1 27	10 7	15 26	13 20	13 47	6 55		n.a.
T 4	2 52	17 39	4 56	2 10	0 38	14 2	0 40	0 7	0 36	23 50	0 24	6 14	2 41	24 1	0 25	12 2	1 27	10 6	15 26	13 21	13 48	6 57		n.a.
F 5	3 15	19 17	4 26	1 40	0 21	14 29	0 43	0n11	0 35	23 51	0 25	6 12	2 41	24 1	0 25	12 2	1 28	10 6	15 26	13 22	13 49	6 59		n.a.
S 6	3 38	19 44	3 40	1 10	0 5	14 56	0 45	0 29	0 35	23 51	0 25	6 10	2 41	24 1	0 25	12 1	1 28	10 5	15 26	13 22	13 50	7 1		n.a.
S 7	4 1	19 4	2 45	0 41	0s12	15 22	0 48	0 47	0 34	23 52	0 25	6 9	2 41	24 1	0 25	12 0	1 28	10 5	15 26	13 22	13 51	7 3		n.a.
M 8	4 24	17 25	1 42	0 14	0 29	15 48	0 51	1 5	0 34	23 52	0 25	6 7	2 41	24 1	0 25	12 0	1 28	10 4	15 26	13 21	13 52	7 5		n.a.
T 9	4 47	14 56	0 36	0s12	0 45	16 14	0 54	1 23	0 33	23 53	0 25	6 6	2 41	24 1	0 25	11 59	1 28	10 4	15 26	13 21	13 53	7 7		n.a.
W10	5 10	11 49	0s31	0 36	1 1	16 39	0 56	1 41	0 33	23 54	0 25	6 4	2 41	24 1	0 25	11 58	1 28	10 3	15 26	13 21	13 55	7 9		n.a.
T 11	5 32	8 14	1 35	0 57	1 16	17 3	0 59	1 59	0 32	23 54	0 25	6 2	2 41	24 1	0 25	11 58	1 28	10 3	15 26	13 22	13 56	7 11		n.a.
F 12	5 55	4 21	2 34	1 17	1 31	17 28	1 2	2 16	0 32	23 55	0 25	6 1	2 41	24 1	0 26	11 57	1 28	10 2	15 26	13 23	13 57	7 13		n.a.
S 13	6 18	0 20	3 26	1 34	1 44	17 52	1 4	2 34	0 31	23 55	0 25	5 59	2 41	24 1	0 26	11 57	1 28	10 2	15 26	13 25	13 58	7 15		n.a.
S 14	6 40	3n41	4 8	1 49	1 57	18 15	1 7	2 52	0 30	23 56	0 25	5 57	2 41	24 1	0 26	11 56	1 28	10 1	15 26	13 28	13 59	7 17		n.a.
M15	7 2	7 32	4 40	2 1	2 9	18 38	1 9	3 10	0 30	23 56	0 25	5 56	2 41	24 1	0 26	11 55	1 28	10 1	15 26	13 31	14 0	7 19		n.a.
T 16	7 25	11 6	4 59	2 10	2 20	19 1	1 12	3 27	0 29	23 57	0 25	5 54	2 41	24 1	0 26	11 55	1 28	10 0	15 26	13 35	14 1	7 22		n.a.
W17	7 47	14 13	5 5	2 16	2 30	19 23	1 15	3 45	0 29	23 58	0 25	5 52	2 41	24 1	0 26	11 54	1 28	10 0	15 26	13 38	14 2	7 24		n.a.
T 18	8 9	16 47	4 58	2 20	2 39	19 44	1 17	4 2	0 28	23 58	0 25	5 51	2 41	24 1	0 26	11 54	1 28	9 59	15 26	13 41	14 3	7 26		n.a.
F 19	8 31	18 39	4 38	2 21	2 47	20 5	1 19	4 20	0 28	23 59	0 25	5 49	2 41	24 1	0 26	11 53	1 28	9 59	15 26	13 43	14 4	7 28		n.a.
S 20	8 52	19 41	4 5	2 20	2 55	20 26	1 22	4 37	0 27	23 59	0 25	5 47	2 41	24 2	0 26	11 52	1 28	9 58	15 26	13 45	14 5	7 30		n.a.
S 21	9 14	19 48	3 20	2 16	3 1	20 46	1 24	4 55	0 26	24 0	0 25	5 46	2 41	24 2	0 26	11 52	1 28	9 58	15 26	13 46	14 6	7 32		n.a.
M22	9 35	18 55	2 24	2 9	3 6	21 5	1 27	5 12	0 26	24 0	0 25	5 44	2 41	24 2	0 26	11 51	1 28	9 57	15 26	13 46	14 7	7 34		n.a.
T 23	9 57	17 0	1 19	2 0	3 11	21 24	1 29	5 29	0 25	24 1	0 25	5 42	2 41	24 2	0 26	11 51	1 28	9 57	15 26	13 46	14 8	7 36		n.a.
W24	10 18	14 6	0 7	1 49	3 14	21 43	1 31	5 47	0 25	24 2	0 25	5 41	2 41	24 2	0 26	11 50	1 28	9 56	15 26	13 45	14 9	7 38		n.a.
T 25	10 39	10 18	1n 7	1 35	3 17	22 0	1 33	6 4	0 24	24 2	0 25	5 39	2 41	24 2	0 26	11 50	1 28	9 56	15 26	13 46	14 10	7 40		n.a.
F 26	11 0	5 47	2 19	1 18	3 19	22 17	1 35	6 21	0 24	24 3	0 26	5 38	2 41	24 2	0 26	11 49	1 28	9 55	15 27	13 46	14 11	7 42		n.a.
S 27	11 20	0 48	3 24	1 0	3 20	22 34	1 37	6 38	0 23	24 3	0 26	5 36	2 40	24 2	0 26	11 49	1 28	9 55	15 27	13 48	14 12	7 44		n.a.
S 28	11 41	4s20	4 15	0 39	3 20	22 50	1 39	6 55	0 22	24 4	0 26	5 34	2 40	24 2	0 26	11 48	1 29	9 54	15 27	13 51	14 14	7 46		n.a.
M29	12 1	9 14	4 49	0 17	3 19	23 5	1 41	7 11	0 22	24 4	0 26	5 33	2 40	24 2	0 26	11 48	1 29	9 54	15 27	13 54	14 15	7 48		n.a.
T 30	12n21	13s31	5n 2	0n 8	3s18	23n20	1n43	7n28	0s21	24n 5	0n26	5s31	2n40	24s 2	0s26	11s47	1s29	9s54	15s27	13n57	14n16	7n50		n.a.

Julian Day Number = 1499441.5, Delta T = 05h08m07s
Ecliptic obliquity = 23°46'00, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°28'01, Lahiri = -12°21'01 Julian Calendar 1 Apr. 608 BCE == Greg. Calendar 25 March 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

MAY 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 8 33	3♉ 0'59	6♐33	8♈53	7♊23	20♈22	24♊38	20°R 7	6°R35	3♓22	10♈42	23°R 7	22♌16	2♉12	n.a.	W 1
T 2	14 12 30	3°58'14	21°15	9°59	8°34	21° 4	24°48	20♎ 2	6♑34	3°23	10°43	23♌ 0	22°13	2°18	n.a.	T 2
F 3	14 16 27	4°55'30	5♑29	11° 7	9°45	21°46	24°59	19°58	6°34	3°25	10°44	22°54	22°10	2°25	n.a.	F 3
S 4	14 20 23	5°52'45	19°14	12°19	10°55	22°29	25° 9	19°54	6°33	3°26	10°46	22°51	22° 7	2°32	n.a.	S 4
S 5	14 24 20	6°49'59	2♒30	13°34	12° 6	23°11	25°20	19°50	6°32	3°27	10°47	22°D50	22° 4	2°38	n.a.	S 5
M 6	14 28 16	7°47'13	15°21	14°52	13°16	23°53	25°31	19°46	6°31	3°28	10°48	22°50	22° 0	2°45	n.a.	M 6
T 7	14 32 13	8°44'26	27°52	16°13	14°27	24°34	25°42	19°42	6°30	3°30	10°49	22°R50	21°57	2°52	n.a.	T 7
W 8	14 36 9	9°41'39	10♓ 7	17°37	15°37	25°16	25°53	19°38	6°30	3°31	10°51	22°49	21°54	2°59	n.a.	W 8
T 9	14 40 6	10°38'51	22°10	19° 3	16°48	25°58	26° 4	19°34	6°29	3°32	10°52	22°46	21°51	3° 5	n.a.	T 9
F 10	14 44 2	11°36'03	4♈ 6	20°33	17°58	26°40	26°15	19°30	6°28	3°33	10°53	22°40	21°48	3°12	n.a.	F 10
S 11	14 47 59	12°33'14	15°58	22° 6	19° 8	27°22	26°26	19°26	6°26	3°34	10°54	22°32	21°44	3°19	n.a.	S 11
S 12	14 51 56	13°30'25	27°49	23°41	20°18	28° 3	26°37	19°22	6°25	3°35	10°55	22°20	21°41	3°25	n.a.	S 12
M13	14 55 52	14°27'36	9♉40	25°19	21°28	28°45	26°48	19°18	6°24	3°36	10°56	22° 8	21°38	3°32	n.a.	M13
T 14	14 59 49	15°24'46	21°34	27° 1	22°38	29°26	27° 0	19°14	6°23	3°37	10°58	21°54	21°35	3°39	n.a.	T 14
W15	15 3 45	16°21'56	3♊32	28°44	23°48	0♉ 8	27°11	19°11	6°22	3°38	10°59	21°40	21°32	3°46	n.a.	W15
T 16	15 7 42	17°19'05	15°34	0♉31	24°58	0°49	27°22	19° 7	6°20	3°39	11° 0	21°28	21°29	3°52	n.a.	T 16
F 17	15 11 38	18°16'14	27°43	2°20	26° 8	1°31	27°34	19° 3	6°19	3°40	11° 1	21°18	21°25	3°59	n.a.	F 17
S 18	15 15 35	19°13'22	10♋ 2	4°12	27°18	2°12	27°46	19° 0	6°18	3°41	11° 2	21°11	21°22	4° 6	n.a.	S 18
S 19	15 19 32	20°10'30	22°31	6° 7	28°27	2°53	27°57	18°56	6°16	3°42	11° 3	21° 7	21°19	4°12	n.a.	S 19
M20	15 23 28	21° 7'37	5♌16	8° 4	29°37	3°35	28° 9	18°53	6°15	3°42	11° 4	21° 5	21°16	4°19	n.a.	M20
T 21	15 27 25	22° 4'43	18°19	10° 3	0♋46	4°16	28°21	18°50	6°14	3°43	11° 5	21° 5	21°13	4°26	n.a.	T 21
W22	15 31 21	23° 1'50	1♍44	12° 4	1°55	4°57	28°33	18°46	6°12	3°44	11° 7	21° 5	21° 9	4°33	n.a.	W22
T 23	15 35 18	23°58'55	15°34	14° 7	3° 5	5°38	28°44	18°43	6°10	3°45	11° 8	21° 4	21° 6	4°39	n.a.	T 23
F 24	15 39 14	24°56'00	29°50	16°13	4°14	6°19	28°56	18°40	6° 9	3°45	11° 9	21° 1	21° 3	4°46	n.a.	F 24
S 25	15 43 11	25°53'05	14♎30	18°19	5°23	7° 0	29° 8	18°37	6° 7	3°46	11°10	20°55	21° 0	4°53	n.a.	S 25
S 26	15 47 7	26°50'09	29°30	20°27	6°31	7°41	29°20	18°34	6° 6	3°47	11°11	20°48	20°57	4°59	n.a.	S 26
M27	15 51 4	27°47'13	14♏41	22°36	7°40	8°22	29°33	18°31	6° 4	3°47	11°12	20°38	20°54	5° 6	n.a.	M27
T 28	15 55 1	28°44'17	29°55	24°46	8°49	9° 3	29°45	18°28	6° 2	3°48	11°13	20°27	20°50	5°13	n.a.	T 28
W29	15 58 57	29°41'22	14♐59	26°56	9°57	9°44	29°57	18°25	6° 0	3°48	11°14	20°17	20°47	5°20	n.a.	W29
T 30	16 2 54	0♊38'26	29°44	29° 6	11° 6	10°24	0♋ 9	18°23	5°59	3°49	11°15	20° 8	20°44	5°26	n.a.	T 30
F 31	16 6 50	1♊35'31	14♑ 4	1♊17	12♋14	11♉ 5	0♋21	18♎20	5♑57	3♓49	11♈15	20♌ 2	20♌41	5♉33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	12n41	16s52	4n54	0n35	3s16	23n34	1n45	7n45	0s21	24n 5	0n26	5s30	2n40	24s 2	0s26	11s47	1s29	9s53	15s27	14n 0	14n17	7n52			n.a.
T 2	13 1	19 2	4 27	1 4	3 13	23 48	1 47	8 1	0 20	24 6	0 26	5 28	2 40	24 2	0 26	11 47	1 29	9 53	15 27	14 2	14 18	7 54			n.a.
F 3	13 20	19 56	3 44	1 34	3 9	24 0	1 49	8 18	0 19	24 6	0 26	5 27	2 40	24 2	0 26	11 46	1 29	9 52	15 27	14 4	14 19	7 56			n.a.
S 4	13 40	19 35	2 48	2 6	3 5	24 13	1 50	8 34	0 19	24 6	0 26	5 25	2 40	24 2	0 26	11 46	1 29	9 52	15 27	14 5	14 20	7 58			n.a.
S 5	13 59	18 9	1 46	2 40	3 0	24 24	1 52	8 51	0 18	24 7	0 26	5 24	2 40	24 2	0 26	11 45	1 29	9 52	15 27	14 5	14 21	8 0			n.a.
M 6	14 18	15 49	0 40	3 16	2 54	24 35	1 54	9 7	0 18	24 7	0 26	5 22	2 40	24 2	0 26	11 45	1 29	9 51	15 27	14 5	14 22	8 2			n.a.
T 7	14 36	12 48	0s27	3 53	2 48	24 45	1 55	9 23	0 17	24 8	0 26	5 21	2 40	24 2	0 26	11 44	1 29	9 51	15 28	14 5	14 23	8 4			n.a.
W 8	14 55	9 16	1 30	4 31	2 42	24 54	1 56	9 39	0 16	24 8	0 26	5 20	2 39	24 3	0 26	11 44	1 29	9 51	15 28	14 6	14 24	8 6			n.a.
T 9	15 13	5 25	2 29	5 11	2 34	25 3	1 58	9 55	0 16	24 9	0 26	5 18	2 39	24 3	0 26	11 44	1 29	9 50	15 28	14 7	14 25	8 8			n.a.
F 10	15 31	1 24	3 20	5 52	2 27	25 11	1 59	10 11	0 15	24 9	0 26	5 17	2 39	24 3	0 26	11 43	1 29	9 50	15 28	14 9	14 26	8 10			n.a.
S 11	15 49	2n39	4 2	6 35	2 18	25 19	2 0	10 27	0 15	24 9	0 26	5 15	2 39	24 3	0 26	11 43	1 29	9 49	15 28	14 12	14 27	8 12			n.a.
S 12	16 6	6 36	4 33	7 19	2 9	25 25	2 1	10 43	0 14	24 10	0 26	5 14	2 39	24 3	0 26	11 43	1 29	9 49	15 28	14 15	14 28	8 14			n.a.
M13	16 24	10 17	4 53	8 4	2 0	25 31	2 2	10 58	0 13	24 10	0 26	5 13	2 39	24 3	0 26	11 42	1 29	9 49	15 28	14 20	14 29	8 16			n.a.
T 14	16 41	13 35	5 0	8 50	1 51	25 36	2 3	11 14	0 13	24 10	0 26	5 11	2 39	24 3	0 26	11 42	1 29	9 49	15 29	14 24	14 30	8 18			n.a.
W15	16 58	16 21	4 54	9 36	1 41	25 41	2 4	11 29	0 12	24 11	0 26	5 10	2 38	24 3	0 26	11 42	1 29	9 48	15 29	14 28	14 31	8 20			n.a.
T 16	17 14	18 26	4 34	10 24	1 30	25 45	2 5	11 44	0 12	24 11	0 27	5 9	2 38	24 3	0 26	11 41	1 29	9 48	15 29	14 32	14 32	8 22			n.a.
F 17	17 30	19 43	4 2	11 12	1 20	25 48	2 5	11 59	0 11	24 11	0 27	5 8	2 38	24 3	0 26	11 41	1 30	9 48	15 29	14 36	14 33	8 24			n.a.
S 18	17 46	20 5	3 19	12 1	1 9	25 50	2 6	12 15	0 10	24 11	0 27	5 7	2 38	24 3	0 27	11 41	1 30	9 47	15 29	14 38	14 34	8 26			n.a.
S 19	18 2	19 29	2 25	12 50	0 58	25 52	2 6	12 29	0 10	24 12	0 27	5 5	2 38	24 3	0 27	11 41	1 30	9 47	15 29	14 39	14 35	8 28			n.a.
M20	18 17	17 53	1 23	13 39	0 47	25 53	2 7	12 44	0 9	24 12	0 27	5 4	2 38	24 4	0 27	11 40	1 30	9 47	15 30	14 40	14 36	8 30			n.a.
T 21	18 32	15 19	0 15	14 28	0 35	25 53	2 7	12 59	0 8	24 12	0 27	5 3	2 37	24 4	0 27	11 40	1 30	9 47	15 30	14 40	14 37	8 32			n.a.
W22	18 47	11 52	0n56	15 17	0 24	25 52	2 7	13 14	0 8	24 12	0 27	5 2	2 37	24 4	0 27	11 40	1 30	9 46	15 30	14 40	14 38	8 34			n.a.
T 23	19 1	7 41	2 6	16 5	0 13	25 51	2 7	13 28	0 7	24 13	0 27	5 1	2 37	24 4	0 27	11 40	1 30	9 46	15 30	14 40	14 39	8 36			n.a.
F 24	19 16	2 57	3 9	16 53	0 2	25 49	2 7	13 42	0 7	24 13	0 27	5 0	2 37	24 4	0 27	11 40	1 30	9 46	15 30	14 41	14 41	8 38			n.a.
S 25	19 29	2s 4	4 3	17 40	0n 9	25 46	2 7	13 57	0 6	24 13	0 27	4 59	2 37	24 4	0 27	11 39	1 30	9 46	15 31	14 43	14 42	8 40			n.a.
S 26	19 43	7 5	4 40	18 25	0 20	25 43	2 7	14 11	0 5	24 13	0 27	4 58	2 36	24 4	0 27	11 39	1 30	9 45	15 31	14 46	14 43	8 42			n.a.
M27	19 56	11 42	4 59	19 9	0 30	25 39	2 7	14 25	0 5	24 13	0 27	4 57	2 36	24 4	0 27	11 39	1 30	9 45	15 31	14 49	14 44	8 44			n.a.
T 28	20 9	15 35	4 57	19 52	0 40	25 34	2 6	14 39	0 4	24 13	0 27	4 56	2 36	24 4	0 27	11 39	1 30	9 45	15 31	14 52	14 45	8 46			n.a.
W29	20 22	18 23	4 34	20 32	0 49	25 29	2 6	14 52	0 3	24 13	0 27	4 55	2 36	24 4	0 27	11 39	1 30	9 45	15 31	14 55	14 46	8 48			n.a.
T 30	20 34	19 54	3 52	21 11	0 58	25 22	2 5	15 6	0 3	24 13	0 27	4 54	2 36	24 5	0 27	11 39	1 30	9 45	15 32	14 58	14 47	8 50			n.a.
F 31	20n46	20s 4	2n58	21n47	1n 6	25n16	2n 5	15n19	0s 2	24n13	0n27	4s54	2n35	24s 5	0s27	11s38	1s30	9s45	15s32	15n 0	14n48	8n52			n.a.

Julian Day Number = 1499471.5, Delta T = 05h08m05s
Ecliptic obliquity = 23°46'00, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'57, Lahiri = -12°20'57 Julian Calendar 1 May 608 BCE == Greg. Calendar 24 Apr. 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

JUNE 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 10 47	2♊32'36	27♉55	3♊26	13♋22	11♉46	0♋34	18°R17	5°R55	3♓50	11♈16	19°R58	20♌38	5♉40	n.a.	S 1
S 2	16 14 43	3°29'41	11♒16	5°36	14°31	12°26	0°46	18♎15	5♉53	3°50	11°17	19♌57	20°35	5°46	n.a.	S 2
M 3	16 18 40	4°26'47	24°11	7°44	15°39	13° 7	0°59	18°13	5°51	3°51	11°18	19°D57	20°31	5°53	n.a.	M 3
T 4	16 22 36	5°23'53	6♓43	9°52	16°46	13°47	1°11	18°10	5°49	3°51	11°19	19°R57	20°28	6° 0	n.a.	T 4
W 5	16 26 33	6°21'00	18°58	11°58	17°54	14°28	1°24	18° 8	5°47	3°51	11°20	19°56	20°25	6° 7	n.a.	W 5
T 6	16 30 30	7°18'07	1♈ 0	14° 3	19° 2	15° 8	1°36	18° 6	5°45	3°51	11°21	19°54	20°22	6°13	n.a.	T 6
F 7	16 34 26	8°15'15	12°55	16° 6	20° 9	15°49	1°49	18° 4	5°43	3°52	11°22	19°49	20°19	6°20	n.a.	F 7
S 8	16 38 23	9°12'23	24°46	18° 8	21°17	16°29	2° 1	18° 2	5°41	3°52	11°22	19°42	20°15	6°27	n.a.	S 8
S 9	16 42 19	10° 9'32	6♉36	20° 9	22°24	17° 9	2°14	18° 0	5°39	3°52	11°23	19°32	20°12	6°34	n.a.	S 9
M10	16 46 16	11° 6'41	18°30	22° 7	23°31	17°49	2°27	17°58	5°37	3°52	11°24	19°21	20° 9	6°40	n.a.	M10
T 11	16 50 12	12° 3'52	0♊29	24° 4	24°38	18°30	2°40	17°56	5°35	3°52	11°25	19° 8	20° 6	6°47	n.a.	T 11
W12	16 54 9	13° 1'02	12°34	25°59	25°45	19°10	2°52	17°55	5°33	3°52	11°26	18°56	20° 3	6°54	n.a.	W12
T 13	16 58 6	13°58'13	24°47	27°53	26°51	19°50	3° 5	17°53	5°31	3°52	11°26	18°46	20° 0	7° 0	n.a.	T 13
F 14	17 2 2	14°55'25	7♋ 8	29°44	27°58	20°30	3°18	17°52	5°28	3°R52	11°27	18°37	19°56	7° 7	n.a.	F 14
S 15	17 5 59	15°52'38	19°38	1♋34	29° 4	21°10	3°31	17°50	5°26	3°52	11°28	18°31	19°53	7°14	n.a.	S 15
S 16	17 9 55	16°49'50	2♌20	3°22	0♌11	21°50	3°44	17°49	5°24	3°52	11°28	18°28	19°50	7°21	n.a.	S 16
M17	17 13 52	17°47'03	15°14	5° 8	1°17	22°30	3°57	17°48	5°22	3°52	11°29	18°D26	19°47	7°27	n.a.	M17
T 18	17 17 48	18°44'17	28°24	6°52	2°23	23° 9	4° 9	17°47	5°19	3°52	11°30	18°27	19°44	7°34	n.a.	T 18
W19	17 21 45	19°41'31	11♍50	8°35	3°28	23°49	4°22	17°46	5°17	3°52	11°30	18°27	19°41	7°41	n.a.	W19
T 20	17 25 41	20°38'45	25°36	10°15	4°34	24°29	4°35	17°45	5°15	3°52	11°31	18°R27	19°37	7°47	n.a.	T 20
F 21	17 29 38	21°36'00	9♎42	11°54	5°39	25° 9	4°48	17°44	5°13	3°51	11°31	18°26	19°34	7°54	n.a.	F 21
S 22	17 33 35	22°33'15	24° 7	13°31	6°44	25°48	5° 1	17°43	5°10	3°51	11°32	18°23	19°31	8° 1	n.a.	S 22
S 23	17 37 31	23°30'31	8♏48	15° 7	7°49	26°28	5°14	17°43	5° 8	3°51	11°32	18°17	19°28	8° 8	n.a.	S 23
M24	17 41 28	24°27'48	23°40	16°40	8°54	27° 7	5°28	17°42	5° 6	3°51	11°33	18°10	19°25	8°14	n.a.	M24
T 25	17 45 24	25°25'05	8♐36	18°12	9°58	27°47	5°41	17°42	5° 3	3°50	11°34	18° 2	19°21	8°21	n.a.	T 25
W26	17 49 21	26°22'24	23°25	19°42	11° 3	28°26	5°54	17°42	5° 1	3°50	11°34	17°54	19°18	8°28	n.a.	W26
T 27	17 53 17	27°19'43	8♑ 0	21°10	12° 7	29° 6	6° 7	17°41	4°59	3°49	11°34	17°48	19°15	8°35	n.a.	T 27
F 28	17 57 14	28°17'03	22°15	22°36	13°11	29°45	6°20	17°41	4°56	3°49	11°35	17°43	19°12	8°41	n.a.	F 28
S 29	18 1 10	29°14'25	6♒ 4	24° 0	14°14	0♊24	6°33	17°D41	4°54	3°49	11°35	17°41	19° 9	8°48	n.a.	S 29
S 30	18 5 7	0♋11'47	19♒27	25♋23	15♌18	1♊ 4	6♋46	17♎41	4♉51	3♓48	11♈36	17°D40	19♌ 6	8♉55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n57	19s 0	1n54	22n21	1n14	25n 8	2n 4	15n33	0s 2	24n13	0n27	4s53	2n35	24s 5	0s27	11s38	1s30	9s44	15s32	15n 1	14n49	8n54		n.a.
S 2	21 8	16 54	0 46	22 52	1 21	25 0	2 3	15 46	0 1	24 13	0 28	4 52	2 35	24 5	0 27	11 38	1 30	9 44	15 32	15 2	14 50	8 56		n.a.
M 3	21 19	14 0	0s22	23 20	1 28	24 51	2 2	15 59	0 0	24 13	0 28	4 51	2 35	24 5	0 27	11 38	1 30	9 44	15 32	15 2	14 51	8 58		n.a.
T 4	21 30	10 31	1 28	23 46	1 33	24 41	2 1	16 12	0n 0	24 13	0 28	4 51	2 34	24 5	0 27	11 38	1 31	9 44	15 33	15 2	14 52	9 0		n.a.
W 5	21 40	6 41	2 27	24 10	1 39	24 31	1 59	16 25	0 1	24 13	0 28	4 50	2 34	24 5	0 27	11 38	1 31	9 44	15 33	15 2	14 53	9 2		n.a.
T 6	21 50	2 38	3 20	24 30	1 43	24 20	1 58	16 37	0 2	24 13	0 28	4 49	2 34	24 5	0 27	11 38	1 31	9 44	15 33	15 3	14 54	9 4		n.a.
F 7	21 59	1n27	4 2	24 48	1 46	24 9	1 57	16 50	0 2	24 13	0 28	4 49	2 34	24 5	0 27	11 38	1 31	9 44	15 33	15 4	14 55	9 6		n.a.
S 8	22 8	5 28	4 34	25 3	1 49	23 57	1 55	17 2	0 3	24 13	0 28	4 48	2 33	24 5	0 27	11 38	1 31	9 44	15 34	15 7	14 56	9 8		n.a.
S 9	22 17	9 17	4 54	25 15	1 52	23 44	1 53	17 15	0 4	24 13	0 28	4 48	2 33	24 6	0 27	11 38	1 31	9 44	15 34	15 10	14 57	9 10		n.a.
M10	22 25	12 44	5 2	25 25	1 53	23 31	1 51	17 27	0 4	24 13	0 28	4 47	2 33	24 6	0 27	11 38	1 31	9 43	15 34	15 13	14 58	9 12		n.a.
T 11	22 33	15 42	4 56	25 32	1 54	23 17	1 50	17 39	0 5	24 13	0 28	4 47	2 33	24 6	0 27	11 38	1 31	9 43	15 34	15 17	14 59	9 14		n.a.
W12	22 40	18 2	4 37	25 37	1 54	23 3	1 48	17 50	0 5	24 12	0 28	4 46	2 33	24 6	0 27	11 38	1 31	9 43	15 35	15 21	15 0	9 16		n.a.
T 13	22 47	19 35	4 5	25 39	1 54	22 48	1 45	18 2	0 6	24 12	0 28	4 46	2 32	24 6	0 27	11 38	1 31	9 43	15 35	15 24	15 1	9 18		n.a.
F 14	22 54	20 13	3 21	25 39	1 53	22 32	1 43	18 14	0 7	24 12	0 28	4 46	2 32	24 6	0 27	11 38	1 31	9 43	15 35	15 27	15 2	9 20		n.a.
S 15	23 0	19 53	2 27	25 37	1 51	22 16	1 41	18 25	0 7	24 12	0 28	4 46	2 32	24 6	0 27	11 38	1 31	9 43	15 35	15 29	15 3	9 22		n.a.
S 16	23 6	18 32	1 25	25 33	1 49	21 59	1 38	18 36	0 8	24 11	0 29	4 45	2 32	24 6	0 27	11 38	1 31	9 43	15 36	15 30	15 4	9 24		n.a.
M17	23 12	16 13	0 17	25 26	1 47	21 42	1 36	18 47	0 9	24 11	0 29	4 45	2 31	24 6	0 27	11 38	1 31	9 43	15 36	15 30	15 5	9 26		n.a.
T 18	23 17	13 1	0n53	25 18	1 43	21 24	1 33	18 58	0 9	24 11	0 29	4 45	2 31	24 7	0 27	11 38	1 31	9 43	15 36	15 30	15 6	9 28		n.a.
W19	23 22	9 5	2 2	25 8	1 40	21 6	1 30	19 9	0 10	24 10	0 29	4 45	2 31	24 7	0 27	11 39	1 31	9 43	15 37	15 30	15 7	9 30		n.a.
T 20	23 26	4 36	3 5	24 57	1 35	20 47	1 27	19 19	0 11	24 10	0 29	4 45	2 30	24 7	0 27	11 39	1 32	9 43	15 37	15 30	15 8	9 32		n.a.
F 21	23 30	0s14	3 59	24 44	1 31	20 28	1 24	19 30	0 11	24 10	0 29	4 45	2 30	24 7	0 27	11 39	1 32	9 43	15 37	15 31	15 9	9 34		n.a.
S 22	23 33	5 9	4 39	24 29	1 25	20 9	1 21	19 40	0 12	24 9	0 29	4 45	2 30	24 7	0 27	11 39	1 32	9 43	15 37	15 32	15 10	9 36		n.a.
S 23	23 36	9 52	5 2	24 13	1 20	19 48	1 17	19 50	0 13	24 9	0 29	4 45	2 30	24 7	0 27	11 39	1 32	9 43	15 38	15 33	15 11	9 38		n.a.
M24	23 39	14 2	5 4	23 56	1 14	19 28	1 14	20 0	0 13	24 8	0 29	4 45	2 29	24 7	0 27	11 39	1 32	9 43	15 38	15 36	15 12	9 40		n.a.
T 25	23 41	17 19	4 47	23 37	1 7	19 7	1 10	20 10	0 14	24 8	0 29	4 45	2 29	24 7	0 27	11 39	1 32	9 44	15 38	15 38	15 13	9 42		n.a.
W26	23 43	19 27	4 10	23 17	1 0	18 46	1 7	20 19	0 15	24 7	0 29	4 45	2 29	24 7	0 27	11 40	1 32	9 44	15 39	15 40	15 14	9 44		n.a.
T 27	23 44	20 15	3 17	22 57	0 53	18 24	1 3	20 29	0 15	24 7	0 29	4 45	2 29	24 8	0 27	11 40	1 32	9 44	15 39	15 42	15 15	9 46		n.a.
F 28	23 45	19 43	2 13	22 35	0 45	18 2	0 59	20 38	0 16	24 6	0 29	4 45	2 28	24 8	0 27	11 40	1 32	9 44	15 39	15 44	15 16	9 48		n.a.
S 29	23 46	18 1	1 2	22 13	0 37	17 39	0 55	20 47	0 16	24 6	0 30	4 45	2 28	24 8	0 27	11 40	1 32	9 44	15 39	15 45	15 17	9 50		n.a.
S 30	23n46	15s20	0s10	21n50	0n29	17n16	0n51	20n56	0n17	24n 5	0n30	4s46	2n28	24s 8	0s27	11s41	1s32	9s44	15s40	15n45	15n18	9n52		n.a.

Julian Day Number = 1499502.5, Delta T = 05h08m04s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'53, Lahiri = -12°20'53 Julian Calendar 1 June 608 BCE == Greg. Calendar 25 May 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

JULY 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 9 4	1♋ 9'11	2♓25	26♋43	16♌21	1♊43	6♋59	17♎41	4°R49	3°R48	11♈36	17♌41	19♌ 2	9♉ 1	n.a.	M 1
T 2	18 13 0	2° 6'36	15° 0	28° 2	17°24	2°22	7°12	17°42	4♉47	3♓47	11°36	17°42	18°59	9° 8	n.a.	T 2
W 3	18 16 57	3° 4'03	27°18	29°18	18°27	3° 1	7°26	17°42	4°44	3°46	11°37	17°43	18°56	9°15	n.a.	W 3
T 4	18 20 53	4° 1'31	9♈22	0♌32	19°29	3°40	7°39	17°42	4°42	3°46	11°37	17°R43	18°53	9°22	n.a.	T 4
F 5	18 24 50	4°59'00	21°18	1°44	20°31	4°19	7°52	17°43	4°39	3°45	11°37	17°42	18°50	9°28	n.a.	F 5
S 6	18 28 46	5°56'31	3♉10	2°54	21°33	4°58	8° 5	17°44	4°37	3°44	11°38	17°39	18°47	9°35	n.a.	S 6
S 7	18 32 43	6°54'04	15° 3	4° 2	22°35	5°37	8°18	17°44	4°35	3°44	11°38	17°34	18°43	9°42	n.a.	S 7
M 8	18 36 39	7°51'38	27° 0	5° 7	23°36	6°16	8°32	17°45	4°32	3°43	11°38	17°27	18°40	9°48	n.a.	M 8
T 9	18 40 36	8°49'14	9♊ 4	6°10	24°37	6°55	8°45	17°46	4°30	3°42	11°38	17°21	18°37	9°55	n.a.	T 9
W10	18 44 33	9°46'51	21°18	7°10	25°38	7°34	8°58	17°47	4°27	3°41	11°39	17°14	18°34	10° 2	n.a.	W10
T 11	18 48 29	10°44'29	3♋43	8° 8	26°38	8°12	9°11	17°48	4°25	3°40	11°39	17° 8	18°31	10° 9	n.a.	T 11
F 12	18 52 26	11°42'09	16°19	9° 2	27°38	8°51	9°24	17°49	4°23	3°40	11°39	17° 3	18°27	10°15	n.a.	F 12
S 13	18 56 22	12°39'51	29° 8	9°53	28°38	9°30	9°37	17°51	4°20	3°39	11°39	17° 0	18°24	10°22	n.a.	S 13
S 14	19 0 19	13°37'34	12♌ 9	10°42	29°37	10° 8	9°51	17°52	4°18	3°38	11°39	16°D59	18°21	10°29	n.a.	S 14
M15	19 4 15	14°35'18	25°22	11°27	0♍36	10°47	10° 4	17°53	4°16	3°37	11°39	16°59	18°18	10°36	n.a.	M15
T 16	19 8 12	15°33'03	8♍48	12° 8	1°35	11°26	10°17	17°55	4°13	3°36	11°39	17° 0	18°15	10°42	n.a.	T 16
W17	19 12 8	16°30'50	22°26	12°46	2°33	12° 4	10°30	17°57	4°11	3°35	11°39	17° 1	18°12	10°49	n.a.	W17
T 18	19 16 5	17°28'37	6♎17	13°19	3°31	12°42	10°43	17°58	4° 9	3°34	11°39	17° 3	18° 8	10°56	n.a.	T 18
F 19	19 20 2	18°26'27	20°21	13°48	4°28	13°21	10°56	18° 0	4° 6	3°33	11°R39	17°R 3	18° 5	11° 2	n.a.	F 19
S 20	19 23 58	19°24'17	4♏35	14°13	5°25	13°59	11°10	18° 2	4° 4	3°32	11°39	17° 2	18° 2	11° 9	n.a.	S 20
S 21	19 27 55	20°22'09	18°59	14°33	6°22	14°37	11°23	18° 4	4° 2	3°31	11°39	17° 0	17°59	11°16	n.a.	S 21
M22	19 31 51	21°20'02	3♐27	14°49	7°18	15°16	11°36	18° 6	3°59	3°30	11°39	16°57	17°56	11°23	n.a.	M22
T 23	19 35 48	22°17'57	17°56	14°58	8°13	15°54	11°49	18° 9	3°57	3°28	11°39	16°54	17°53	11°29	n.a.	T 23
W24	19 39 44	23°15'53	2♑20	15°R 3	9° 8	16°32	12° 2	18°11	3°55	3°27	11°39	16°51	17°49	11°36	n.a.	W24
T 25	19 43 41	24°13'51	16°33	15° 2	10° 3	17°10	12°15	18°13	3°53	3°26	11°39	16°48	17°46	11°43	n.a.	T 25
F 26	19 47 37	25°11'50	0♒30	14°55	10°57	17°48	12°28	18°16	3°51	3°25	11°39	16°46	17°43	11°50	n.a.	F 26
S 27	19 51 34	26° 9'51	14° 8	14°41	11°50	18°26	12°41	18°18	3°48	3°24	11°39	16°D45	17°40	11°56	n.a.	S 27
S 28	19 55 31	27° 7'54	27°24	14°22	12°43	19° 4	12°54	18°21	3°46	3°22	11°39	16°46	17°37	12° 3	n.a.	S 28
M29	19 59 27	28° 5'59	10♓20	13°57	13°35	19°42	13° 7	18°24	3°44	3°21	11°38	16°47	17°33	12°10	n.a.	M29
T 30	20 3 24	29° 4'06	22°56	13°25	14°27	20°20	13°20	18°27	3°42	3°20	11°38	16°48	17°30	12°16	n.a.	T 30
W31	20 7 20	0♌ 2'15	5♈15	12♌48	15♍18	20♊58	13♋33	18♎30	3♑40	3♓18	11♈38	16♌49	17♌27	12♉23	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n46	11s59	1s19	21n26	0n20	16n53	0n46	21n 5	0n18	24n 4	0n30	4s46	2n28	24s 8	0s27	11s41	1s32	9s44	15s40	15n45	15n19	9n54		n.a.
T 2	23 45	8 10	2 22	21 2	0 11	16 30	0 42	21 13	0 18	24 4	0 30	4 46	2 27	24 8	0 27	11 41	1 32	9 44	15 40	15 44	15 20	9 56		n.a.
W 3	23 44	4 6	3 18	20 37	0 2	16 6	0 37	21 22	0 19	24 3	0 30	4 47	2 27	24 8	0 27	11 41	1 32	9 44	15 41	15 44	15 21	9 58		n.a.
T 4	23 42	0n 3	4 3	20 12	0s 7	15 42	0 33	21 30	0 20	24 2	0 30	4 47	2 27	24 8	0 27	11 42	1 32	9 45	15 41	15 44	15 22	10 0		n.a.
F 5	23 40	4 8	4 37	19 46	0 17	15 17	0 28	21 38	0 20	24 2	0 30	4 48	2 26	24 8	0 27	11 42	1 32	9 45	15 41	15 44	15 23	10 2		n.a.
S 6	23 38	8 3	5 0	19 20	0 27	14 52	0 23	21 46	0 21	24 1	0 30	4 48	2 26	24 8	0 27	11 42	1 32	9 45	15 41	15 45	15 24	10 4		n.a.
S 7	23 35	11 39	5 9	18 54	0 37	14 27	0 18	21 53	0 22	24 0	0 30	4 49	2 26	24 8	0 27	11 43	1 32	9 45	15 42	15 47	15 25	10 6		n.a.
M 8	23 32	14 48	5 5	18 29	0 48	14 2	0 13	22 1	0 22	24 0	0 30	4 49	2 26	24 9	0 27	11 43	1 33	9 45	15 42	15 49	15 26	10 8		n.a.
T 9	23 28	17 22	4 48	18 3	0 58	13 37	0 7	22 8	0 23	23 59	0 30	4 50	2 25	24 9	0 27	11 43	1 33	9 45	15 42	15 51	15 27	10 10		n.a.
W10	23 24	19 12	4 17	17 37	1 9	13 11	0 2	22 16	0 24	23 58	0 31	4 50	2 25	24 9	0 27	11 44	1 33	9 46	15 43	15 53	15 28	10 12		n.a.
T 11	23 19	20 9	3 34	17 12	1 20	12 45	0s 4	22 23	0 24	23 57	0 31	4 51	2 25	24 9	0 27	11 44	1 33	9 46	15 43	15 55	15 29	10 14		n.a.
F 12	23 15	20 7	2 39	16 47	1 31	12 19	0 9	22 29	0 25	23 56	0 31	4 52	2 25	24 9	0 27	11 44	1 33	9 46	15 43	15 56	15 30	10 16		n.a.
S 13	23 9	19 3	1 36	16 22	1 42	11 53	0 15	22 36	0 26	23 55	0 31	4 52	2 24	24 9	0 27	11 45	1 33	9 46	15 44	15 57	15 31	10 18		n.a.
S 14	23 3	16 58	0 26	15 58	1 53	11 26	0 21	22 43	0 26	23 55	0 31	4 53	2 24	24 9	0 27	11 45	1 33	9 46	15 44	15 58	15 32	10 20		n.a.
M15	22 57	13 57	0n46	15 35	2 5	11 0	0 27	22 49	0 27	23 54	0 31	4 54	2 24	24 9	0 27	11 45	1 33	9 47	15 44	15 58	15 33	10 22		n.a.
T 16	22 51	10 11	1 57	15 13	2 16	10 33	0 33	22 55	0 28	23 53	0 31	4 55	2 24	24 9	0 27	11 46	1 33	9 47	15 44	15 57	15 34	10 24		n.a.
W17	22 44	5 49	3 2	14 52	2 27	10 6	0 39	23 1	0 28	23 52	0 31	4 56	2 23	24 9	0 27	11 46	1 33	9 47	15 45	15 57	15 35	10 26		n.a.
T 18	22 36	1 6	3 58	14 31	2 38	9 39	0 45	23 7	0 29	23 51	0 31	4 57	2 23	24 9	0 27	11 47	1 33	9 47	15 45	15 56	15 36	10 28		n.a.
F 19	22 29	3s44	4 40	14 12	2 49	9 12	0 52	23 12	0 30	23 50	0 31	4 58	2 23	24 9	0 27	11 47	1 33	9 48	15 45	15 56	15 37	10 30		n.a.
S 20	22 20	8 25	5 6	13 55	3 0	8 45	0 59	23 18	0 30	23 49	0 32	4 59	2 22	24 10	0 27	11 47	1 33	9 48	15 46	15 57	15 38	10 31		n.a.
S 21	22 12	12 41	5 13	13 39	3 11	8 18	1 5	23 23	0 31	23 48	0 32	5 0	2 22	24 10	0 27	11 48	1 33	9 48	15 46	15 57	15 39	10 33		n.a.
M22	22 3	16 13	5 1	13 24	3 21	7 50	1 12	23 28	0 32	23 47	0 32	5 1	2 22	24 10	0 27	11 48	1 33	9 49	15 46	15 58	15 40	10 35		n.a.
T 23	21 54	18 45	4 29	13 12	3 31	7 23	1 19	23 33	0 32	23 46	0 32	5 2	2 22	24 10	0 27	11 49	1 33	9 49	15 47	15 59	15 41	10 37		n.a.
W24	21 44	20 4	3 40	13 2	3 41	6 56	1 26	23 37	0 33	23 45	0 32	5 3	2 21	24 10	0 27	11 49	1 33	9 49	15 47	16 0	15 42	10 39		n.a.
T 25	21 34	20 6	2 39	12 54	3 49	6 28	1 33	23 42	0 34	23 44	0 32	5 4	2 21	24 10	0 27	11 50	1 33	9 50	15 47	16 1	15 43	10 41		n.a.
F 26	21 23	18 53	1 28	12 48	3 57	6 1	1 40	23 46	0 34	23 42	0 32	5 5	2 21	24 10	0 27	11 50	1 33	9 50	15 47	16 1	15 44	10 43		n.a.
S 27	21 12	16 35	0 14	12 45	4 4	5 34	1 48	23 50	0 35	23 41	0 32	5 7	2 21	24 10	0 27	11 51	1 33	9 50	15 48	16 2	15 45	10 45		n.a.
S 28	21 1	13 27	0s58	12 45	4 11	5 6	1 55	23 54	0 36	23 40	0 32	5 8	2 20	24 10	0 27	11 51	1 33	9 51	15 48	16 2	15 46	10 47		n.a.
M29	20 49	9 44	2 6	12 47	4 16	4 39	2 3	23 58	0 36	23 39	0 32	5 9	2 20	24 10	0 27	11 52	1 33	9 51	15 48	16 1	15 47	10 49		n.a.
T 30	20 37	5 41	3 7	12 53	4 19	4 12	2 10	24 2	0 37	23 38	0 33	5 10	2 20	24 10	0 27	11 52	1 34	9 51	15 49	16 1	15 48	10 51		n.a.
W31	20n25	1s30	3s57	13n 1	4s22	3n45	2s18	24n 5	0n38	23n37	0n33	5s12	2n20	24s10	0s27	11s53	1s34	9s52	15s49	16n 0	15n49	10n53		n.a.

Julian Day Number = 1499532.5, Delta T = 05h08m02s
Ecliptic obliquity = 23°45'59, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'49, Lahiri = -12°20'48 Julian Calendar 1 July 608 BCE == Greg. Calendar 24 June 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

AUGUST 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 11 17	1♌ 0'26	17♈21	12°R 5	16♍ 8	21♊35	13♋46	18♎33	3°R38	3°R17	11°R38	16♌51	17♌24	12♉30	n.a.	T 1
F 2	20 15 13	1°58'39	29°19	11♌17	16°58	22°13	13°58	18°36	3♑36	3♓16	11♈37	16°R51	17°21	12°37	n.a.	F 2
S 3	20 19 10	2°56'55	11♉12	10°24	17°47	22°51	14°11	18°39	3°34	3°14	11°37	16°51	17°18	12°43	n.a.	S 3
S 4	20 23 6	3°55'12	23° 6	9°28	18°35	23°28	14°24	18°42	3°32	3°13	11°37	16°50	17°14	12°50	n.a.	S 4
M 5	20 27 3	4°53'32	5♊ 5	8°30	19°22	24° 6	14°37	18°46	3°30	3°12	11°36	16°49	17°11	12°57	n.a.	M 5
T 6	20 31 0	5°51'54	17°13	7°30	20° 9	24°44	14°50	18°49	3°28	3°10	11°36	16°47	17° 8	13° 3	n.a.	T 6
W 7	20 34 56	6°50'18	29°33	6°30	20°55	25°21	15° 2	18°53	3°26	3° 9	11°36	16°46	17° 5	13°10	n.a.	W 7
T 8	20 38 53	7°48'45	12♋ 8	5°31	21°40	25°58	15°15	18°56	3°24	3° 7	11°35	16°45	17° 2	13°17	n.a.	T 8
F 9	20 42 49	8°47'13	24°59	4°35	22°24	26°36	15°28	19° 0	3°22	3° 6	11°35	16°44	16°59	13°24	n.a.	F 9
S 10	20 46 46	9°45'43	8♌ 7	3°43	23° 7	27°13	15°40	19° 4	3°21	3° 4	11°34	16°43	16°55	13°30	n.a.	S 10
S 11	20 50 42	10°44'16	21°31	2°57	23°49	27°50	15°53	19° 7	3°19	3° 3	11°34	16°D43	16°52	13°37	n.a.	S 11
M12	20 54 39	11°42'50	5♍10	2°16	24°30	28°28	16° 5	19°11	3°17	3° 1	11°34	16°44	16°49	13°44	n.a.	M12
T 13	20 58 35	12°41'26	19° 1	1°43	25°10	29° 5	16°18	19°15	3°15	3° 0	11°33	16°44	16°46	13°51	n.a.	T 13
W14	21 2 32	13°40'05	3♎ 2	1°19	25°49	29°42	16°30	19°19	3°14	2°58	11°33	16°44	16°43	13°57	n.a.	W14
T 15	21 6 29	14°38'44	17°10	1° 3	26°27	0♋19	16°42	19°24	3°12	2°57	11°32	16°44	16°39	14° 4	n.a.	T 15
F 16	21 10 25	15°37'26	1♏23	0°D57	27° 3	0°56	16°55	19°28	3°11	2°55	11°31	16°45	16°36	14°11	n.a.	F 16
S 17	21 14 22	16°36'10	15°36	1° 1	27°39	1°33	17° 7	19°32	3° 9	2°53	11°31	16°45	16°33	14°17	n.a.	S 17
S 18	21 18 18	17°34'55	29°49	1°14	28°13	2°10	17°19	19°36	3° 8	2°52	11°30	16°45	16°30	14°24	n.a.	S 18
M19	21 22 15	18°33'42	13♐59	1°36	28°46	2°47	17°31	19°41	3° 6	2°50	11°30	16°45	16°27	14°31	n.a.	M19
T 20	21 26 11	19°32'31	28° 2	2° 9	29°17	3°24	17°44	19°45	3° 5	2°49	11°29	16°45	16°24	14°38	n.a.	T 20
W21	21 30 8	20°31'22	11♑57	2°50	29°47	4° 0	17°56	19°50	3° 3	2°47	11°28	16°45	16°20	14°44	n.a.	W21
T 22	21 34 4	21°30'15	25°42	3°39	0♎15	4°37	18° 8	19°55	3° 2	2°45	11°28	16°46	16°17	14°51	n.a.	T 22
F 23	21 38 1	22°29'10	9♒14	4°36	0°42	5°14	18°20	19°59	3° 1	2°44	11°27	16°46	16°14	14°58	n.a.	F 23
S 24	21 41 57	23°28'06	22°32	5°41	1° 7	5°50	18°32	20° 4	2°59	2°42	11°26	16°R46	16°11	15° 5	n.a.	S 24
S 25	21 45 54	24°27'05	5♓34	6°52	1°31	6°27	18°43	20° 9	2°58	2°40	11°26	16°46	16° 8	15°11	n.a.	S 25
M26	21 49 51	25°26'06	18°20	8° 9	1°53	7° 3	18°55	20°14	2°57	2°39	11°25	16°45	16° 4	15°18	n.a.	M26
T 27	21 53 47	26°25'10	0♈51	9°32	2°13	7°40	19° 7	20°19	2°56	2°37	11°24	16°44	16° 1	15°25	n.a.	T 27
W28	21 57 44	27°24'15	13° 8	10°59	2°31	8°16	19°19	20°24	2°55	2°35	11°23	16°42	15°58	15°31	n.a.	W28
T 29	22 1 40	28°23'23	25°14	12°30	2°47	8°52	19°30	20°29	2°54	2°34	11°23	16°41	15°55	15°38	n.a.	T 29
F 30	22 5 37	29°22'34	7♉11	14° 4	3° 1	9°29	19°42	20°34	2°53	2°32	11°22	16°39	15°52	15°45	n.a.	F 30
S 31	22 9 33	0♍21'46	19♉ 4	15♌41	3♎13	10♋ 5	19♋53	20♎40	2♑52	2♓30	11♈21	16♌38	15♌49	15♉52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20n12	2n40	4s35	13n12	4s22	3n18	2s26	24n 8	0n38	23n35	0n33	5s13	2n19	24s10	0s27	11s53	1s34	9s52	15s49	16n 0	15n50	10n55			n.a.
F 2	19 59	6 41	5 1	13 27	4 21	2 52	2 34	24 11	0 39	23 34	0 33	5 15	2 19	24 10	0 27	11 54	1 34	9 52	15 50	16 0	15 51	10 57			n.a.
S 3	19 46	10 25	5 15	13 44	4 18	2 25	2 42	24 14	0 40	23 33	0 33	5 16	2 19	24 10	0 27	11 54	1 34	9 53	15 50	16 0	15 52	10 59			n.a.
S 4	19 32	13 44	5 14	14 3	4 13	1 58	2 50	24 17	0 41	23 32	0 33	5 18	2 19	24 10	0 27	11 55	1 34	9 53	15 50	16 0	15 53	11 1			n.a.
M 5	19 18	16 31	5 0	14 25	4 7	1 32	2 58	24 19	0 41	23 30	0 33	5 19	2 18	24 11	0 27	11 56	1 34	9 54	15 50	16 1	15 54	11 3			n.a.
T 6	19 4	18 37	4 33	14 49	3 58	1 6	3 7	24 21	0 42	23 29	0 33	5 21	2 18	24 11	0 27	11 56	1 34	9 54	15 51	16 1	15 55	11 5			n.a.
W 7	18 49	19 54	3 52	15 15	3 47	0 40	3 15	24 24	0 43	23 28	0 34	5 22	2 18	24 11	0 27	11 57	1 34	9 54	15 51	16 2	15 56	11 7			n.a.
T 8	18 34	20 13	3 0	15 41	3 34	0 14	3 24	24 26	0 43	23 26	0 34	5 24	2 18	24 11	0 27	11 57	1 34	9 55	15 51	16 2	15 57	11 9			n.a.
F 9	18 19	19 30	1 58	16 9	3 20	0s11	3 32	24 27	0 44	23 25	0 34	5 25	2 17	24 11	0 27	11 58	1 34	9 55	15 51	16 2	15 58	11 11			n.a.
S 10	18 3	17 43	0 48	16 36	3 4	0 36	3 41	24 29	0 45	23 24	0 34	5 27	2 17	24 11	0 27	11 58	1 34	9 56	15 52	16 2	15 59	11 13			n.a.
S 11	17 47	14 57	0n27	17 4	2 47	1 1	3 49	24 30	0 45	23 22	0 34	5 29	2 17	24 11	0 27	11 59	1 34	9 56	15 52	16 2	16 0	11 15			n.a.
M12	17 30	11 18	1 41	17 30	2 29	1 25	3 58	24 32	0 46	23 21	0 34	5 30	2 17	24 11	0 27	12 0	1 34	9 56	15 52	16 2	16 1	11 16			n.a.
T 13	17 14	7 0	2 50	17 56	2 10	1 49	4 7	24 33	0 47	23 20	0 34	5 32	2 17	24 11	0 27	12 0	1 34	9 57	15 53	16 2	16 2	11 18			n.a.
W14	16 57	2 17	3 50	18 20	1 51	2 13	4 16	24 33	0 48	23 18	0 34	5 34	2 16	24 11	0 27	12 1	1 34	9 57	15 53	16 2	16 3	11 20			n.a.
T 15	16 40	2s36	4 36	18 42	1 32	2 37	4 25	24 34	0 48	23 17	0 35	5 36	2 16	24 11	0 27	12 1	1 34	9 58	15 53	16 2	16 3	11 22			n.a.
F 16	16 22	7 20	5 6	19 2	1 13	2 59	4 34	24 35	0 49	23 15	0 35	5 38	2 16	24 11	0 27	12 2	1 34	9 58	15 53	16 2	16 4	11 24			n.a.
S 17	16 4	11 41	5 17	19 19	0 54	3 22	4 43	24 35	0 50	23 14	0 35	5 39	2 16	24 11	0 27	12 3	1 34	9 59	15 54	16 2	16 5	11 26			n.a.
S 18	15 46	15 22	5 9	19 34	0 36	3 44	4 52	24 35	0 50	23 12	0 35	5 41	2 15	24 11	0 27	12 3	1 34	9 59	15 54	16 2	16 6	11 28			n.a.
M19	15 28	18 7	4 42	19 46	0 19	4 5	5 1	24 35	0 51	23 11	0 35	5 43	2 15	24 11	0 27	12 4	1 34	10 0	15 54	16 2	16 7	11 30			n.a.
T 20	15 10	19 47	3 59	19 55	0 2	4 26	5 10	24 35	0 52	23 9	0 35	5 45	2 15	24 11	0 27	12 4	1 34	10 0	15 54	16 2	16 8	11 32			n.a.
W21	14 51	20 13	3 1	20 1	0n13	4 47	5 19	24 35	0 52	23 8	0 35	5 47	2 15	24 11	0 27	12 5	1 34	10 0	15 55	16 2	16 9	11 34			n.a.
T 22	14 32	19 25	1 54	20 3	0 28	5 6	5 28	24 34	0 53	23 6	0 36	5 49	2 15	24 11	0 27	12 6	1 34	10 1	15 55	16 2	16 10	11 36			n.a.
F 23	14 12	17 31	0 42	20 2	0 41	5 26	5 37	24 34	0 54	23 5	0 36	5 51	2 14	24 11	0 27	12 6	1 34	10 1	15 55	16 2	16 11	11 38			n.a.
S 24	13 53	14 42	0s32	19 58	0 54	5 44	5 46	24 33	0 55	23 3	0 36	5 53	2 14	24 11	0 27	12 7	1 34	10 2	15 55	16 1	16 12	11 40			n.a.
S 25	13 33	11 11	1 42	19 51	1 5	6 2	5 55	24 32	0 55	23 2	0 36	5 55	2 14	24 11	0 27	12 7	1 34	10 2	15 55	16 2	16 13	11 42			n.a.
M26	13 13	7 13	2 46	19 40	1 14	6 19	6 4	24 31	0 56	23 0	0 36	5 57	2 14	24 11	0 27	12 8	1 34	10 3	15 56	16 2	16 14	11 44			n.a.
T 27	12 53	3 1	3 41	19 26	1 23	6 35	6 13	24 29	0 57	22 59	0 36	5 59	2 14	24 11	0 27	12 9	1 34	10 3	15 56	16 2	16 15	11 45			n.a.
W28	12 32	1n13	4 24	19 10	1 31	6 50	6 22	24 28	0 58	22 57	0 36	6 1	2 13	24 11	0 27	12 9	1 34	10 4	15 56	16 3	16 16	11 47			n.a.
T 29	12 12	5 20	4 54	18 50	1 37	7 4	6 30	24 26	0 58	22 56	0 37	6 3	2 13	24 11	0 27	12 10	1 34	10 4	15 56	16 3	16 17	11 49			n.a.
F 30	11 51	9 11	5 12	18 28	1 42	7 18	6 39	24 24	0 59	22 54	0 37	6 5	2 13	24 11	0 27	12 11	1 34	10 5	15 57	16 4	16 18	11 51			n.a.
S 31	11n30	12n40	5s16	18n 3	1n46	7s30	6s47	24n22	1n 0	22n53	0n37	6s 8	2n13	24s11	0s27	12s11	1s34	10s 5	15s57	16n 4	16n19	11n53			n.a.

Julian Day Number = 1499563.5, Delta T = 05h08m01s
Ecliptic obliquity = 23°46'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'45, Lahiri = -12°20'44 Julian Calendar 1 Aug. 608 BCE == Greg. Calendar 25 July 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

SEPTEMBER 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 13 30	1♍21'01	0♊58	17♌21	3♎23	10♋41	20♋ 5	20♎45	2°R51	2°R29	11°R20	16°D38	15♌45	15♉58	n.a.	S 1
M 2	22 17 26	2°20'19	12°56	19° 2	3°31	11°17	20°16	20°50	2♑50	2♓27	11♈19	16♌38	15°42	16° 5	n.a.	M 2
T 3	22 21 23	3°19'39	25° 3	20°45	3°37	11°53	20°27	20°56	2°49	2°25	11°19	16°39	15°39	16°12	n.a.	T 3
W 4	22 25 19	4°19'02	7♋24	22°29	3°40	12°29	20°38	21° 1	2°48	2°24	11°18	16°41	15°36	16°18	n.a.	W 4
T 5	22 29 16	5°18'27	20° 3	24°13	3°R41	13° 5	20°49	21° 7	2°48	2°22	11°17	16°42	15°33	16°25	n.a.	T 5
F 6	22 33 13	6°17'54	3♌ 3	25°58	3°40	13°41	21° 0	21°12	2°47	2°20	11°16	16°43	15°30	16°32	n.a.	F 6
S 7	22 37 9	7°17'24	16°25	27°44	3°37	14°17	21°11	21°18	2°46	2°19	11°15	16°R44	15°26	16°39	n.a.	S 7
S 8	22 41 6	8°16'56	0♍ 9	29°29	3°31	14°52	21°22	21°24	2°46	2°17	11°14	16°43	15°23	16°45	n.a.	S 8
M 9	22 45 2	9°16'29	14°13	1♍15	3°23	15°28	21°33	21°29	2°45	2°15	11°13	16°41	15°20	16°52	n.a.	M 9
T 10	22 48 59	10°16'06	28°33	3° 0	3°12	16° 4	21°44	21°35	2°45	2°14	11°12	16°39	15°17	16°59	n.a.	T 10
W11	22 52 55	11°15'44	13♎ 3	4°45	2°59	16°39	21°54	21°41	2°44	2°12	11°11	16°35	15°14	17° 6	n.a.	W11
T 12	22 56 52	12°15'24	27°37	6°30	2°43	17°15	22° 5	21°47	2°44	2°10	11°10	16°32	15°10	17°12	n.a.	T 12
F 13	23 0 48	13°15'06	12♏ 9	8°14	2°26	17°50	22°15	21°53	2°44	2° 9	11° 9	16°29	15° 7	17°19	n.a.	F 13
S 14	23 4 45	14°14'49	26°35	9°58	2° 6	18°25	22°26	21°59	2°43	2° 7	11° 8	16°26	15° 4	17°26	n.a.	S 14
S 15	23 8 42	15°14'35	10♐49	11°41	1°43	19° 1	22°36	22° 5	2°43	2° 6	11° 7	16°D25	15° 1	17°32	n.a.	S 15
M16	23 12 38	16°14'23	24°50	13°24	1°19	19°36	22°46	22°11	2°43	2° 4	11° 6	16°25	14°58	17°39	n.a.	M16
T 17	23 16 35	17°14'12	8♑37	15° 6	0°52	20°11	22°56	22°17	2°43	2° 2	11° 5	16°27	14°55	17°46	n.a.	T 17
W18	23 20 31	18°14'03	22° 9	16°48	0°24	20°46	23° 6	22°23	2°43	2° 1	11° 4	16°28	14°51	17°53	n.a.	W18
T 19	23 24 28	19°13'56	5♒29	18°29	29♏54	21°21	23°16	22°29	2°D43	1°59	11° 3	16°29	14°48	17°59	n.a.	T 19
F 20	23 28 24	20°13'51	18°36	20°10	29°22	21°56	23°26	22°36	2°43	1°58	11° 2	16°R30	14°45	18° 6	n.a.	F 20
S 21	23 32 21	21°13'47	1♓30	21°50	28°49	22°31	23°35	22°42	2°43	1°56	11° 1	16°29	14°42	18°13	n.a.	S 21
S 22	23 36 17	22°13'46	14°13	23°29	28°15	23° 6	23°45	22°48	2°43	1°54	11° 0	16°26	14°39	18°20	n.a.	S 22
M23	23 40 14	23°13'46	26°45	25° 8	27°40	23°40	23°54	22°55	2°43	1°53	10°59	16°21	14°35	18°26	n.a.	M23
T 24	23 44 10	24°13'49	9♈ 6	26°46	27° 4	24°15	24° 4	23° 1	2°43	1°51	10°58	16°15	14°32	18°33	n.a.	T 24
W25	23 48 7	25°13'53	21°17	28°24	26°28	24°49	24°13	23° 8	2°44	1°50	10°57	16° 8	14°29	18°40	n.a.	W25
T 26	23 52 4	26°14'00	3♉19	0♎ 1	25°51	25°24	24°22	23°14	2°44	1°48	10°56	16° 0	14°26	18°46	n.a.	T 26
F 27	23 56 0	27°14'08	15°15	1°37	25°15	25°58	24°31	23°21	2°44	1°47	10°55	15°53	14°23	18°53	n.a.	F 27
S 28	23 59 57	28°14'19	27° 7	3°14	24°39	26°32	24°40	23°27	2°45	1°45	10°54	15°47	14°20	19° 0	n.a.	S 28
S 29	0 3 53	29°14'32	8♊58	4°49	24° 3	27° 7	24°49	23°34	2°45	1°44	10°52	15°43	14°16	19° 7	n.a.	S 29
M30	0 7 50	0♎14'48	20♊53	6♎25	23♍28	27♋41	24♋57	23♎40	2♑46	1♓43	10♈51	15♌40	14♌13	19♉13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n 8	15n38	5s 6	17n35	1n50	7s42	6s55	24n20	1n 0	22n51	0n37	6s10	2n13	24s11	0s27	12s12	1s34	10s 6	15s57	16n 4	16n20	11n55		n.a.
M 2	10 47	17 58	4 44	17 6	1 52	7 52	7 3	24 18	1 1	22 50	0 37	6 12	2 12	24 11	0 27	12 12	1 34	10 6	15 57	16 4	16 21	11 57		n.a.
T 3	10 25	19 33	4 8	16 34	1 54	8 1	7 11	24 15	1 2	22 48	0 37	6 14	2 12	24 11	0 27	12 13	1 34	10 7	15 57	16 4	16 22	11 59		n.a.
W 4	10 4	20 13	3 20	16 1	1 55	8 10	7 18	24 13	1 3	22 47	0 38	6 16	2 12	24 11	0 27	12 14	1 34	10 7	15 57	16 3	16 23	12 1		n.a.
T 5	9 42	19 54	2 22	15 26	1 55	8 16	7 25	24 10	1 3	22 45	0 38	6 19	2 12	24 11	0 27	12 14	1 34	10 8	15 58	16 3	16 24	12 3		n.a.
F 6	9 19	18 32	1 15	14 49	1 54	8 22	7 32	24 7	1 4	22 43	0 38	6 21	2 12	24 11	0 27	12 15	1 34	10 8	15 58	16 2	16 25	12 5		n.a.
S 7	8 57	16 6	0 2	14 11	1 53	8 27	7 38	24 4	1 5	22 42	0 38	6 23	2 12	24 11	0 27	12 15	1 34	10 9	15 58	16 2	16 26	12 7		n.a.
S 8	8 35	12 43	1n13	13 32	1 51	8 30	7 44	24 1	1 6	22 40	0 38	6 26	2 11	24 11	0 27	12 16	1 34	10 9	15 58	16 2	16 27	12 9		n.a.
M 9	8 12	8 32	2 25	12 52	1 48	8 31	7 50	23 57	1 6	22 39	0 38	6 28	2 11	24 11	0 27	12 17	1 34	10 10	15 58	16 3	16 27	12 10		n.a.
T 10	7 49	3 47	3 30	12 11	1 46	8 31	7 55	23 54	1 7	22 37	0 39	6 30	2 11	24 11	0 27	12 17	1 34	10 10	15 58	16 4	16 28	12 12		n.a.
W11	7 26	1s13	4 22	11 29	1 42	8 30	7 59	23 50	1 8	22 36	0 39	6 33	2 11	24 11	0 27	12 18	1 34	10 11	15 59	16 5	16 29	12 14		n.a.
T 12	7 3	6 10	4 57	10 46	1 39	8 28	8 3	23 46	1 9	22 34	0 39	6 35	2 11	24 11	0 27	12 18	1 34	10 11	15 59	16 6	16 30	12 16		n.a.
F 13	6 40	10 44	5 12	10 3	1 35	8 23	8 6	23 42	1 10	22 33	0 39	6 37	2 11	24 11	0 27	12 19	1 34	10 12	15 59	16 7	16 31	12 18		n.a.
S 14	6 17	14 39	5 8	9 19	1 30	8 18	8 9	23 38	1 10	22 31	0 39	6 40	2 10	24 11	0 27	12 20	1 34	10 12	15 59	16 8	16 32	12 20		n.a.
S 15	5 54	17 40	4 46	8 35	1 25	8 10	8 10	23 34	1 11	22 30	0 39	6 42	2 10	24 11	0 27	12 20	1 34	10 13	15 59	16 8	16 33	12 22		n.a.
M16	5 30	19 34	4 6	7 51	1 21	8 1	8 12	23 30	1 12	22 28	0 40	6 45	2 10	24 11	0 27	12 21	1 34	10 13	15 59	16 8	16 34	12 24		n.a.
T 17	5 6	20 17	3 12	7 6	1 15	7 51	8 12	23 25	1 13	22 26	0 40	6 47	2 10	24 11	0 27	12 21	1 34	10 14	15 59	16 7	16 35	12 26		n.a.
W18	4 43	19 48	2 9	6 21	1 10	7 39	8 11	23 21	1 13	22 25	0 40	6 49	2 10	24 11	0 27	12 22	1 34	10 14	16 0	16 7	16 36	12 28		n.a.
T 19	4 19	18 11	1 0	5 36	1 4	7 26	8 10	23 16	1 14	22 23	0 40	6 52	2 10	24 11	0 27	12 23	1 34	10 15	16 0	16 7	16 37	12 29		n.a.
F 20	3 55	15 38	0s11	4 51	0 58	7 11	8 8	23 11	1 15	22 22	0 40	6 54	2 10	24 11	0 27	12 23	1 34	10 15	16 0	16 6	16 38	12 31		n.a.
S 21	3 31	12 21	1 21	4 5	0 53	6 55	8 5	23 6	1 16	22 20	0 41	6 57	2 9	24 11	0 27	12 24	1 34	10 16	16 0	16 7	16 39	12 33		n.a.
S 22	3 7	8 31	2 25	3 20	0 46	6 37	8 1	23 1	1 17	22 19	0 41	6 59	2 9	24 11	0 27	12 24	1 34	10 16	16 0	16 8	16 40	12 35		n.a.
M23	2 43	4 23	3 21	2 35	0 40	6 19	7 56	22 56	1 17	22 17	0 41	7 2	2 9	24 11	0 27	12 25	1 34	10 17	16 0	16 9	16 41	12 37		n.a.
T 24	2 19	0 7	4 7	1 49	0 34	5 59	7 50	22 50	1 18	22 16	0 41	7 4	2 9	24 11	0 27	12 25	1 34	10 17	16 0	16 11	16 42	12 39		n.a.
W25	1 55	4n 5	4 41	1 4	0 28	5 38	7 43	22 45	1 19	22 15	0 41	7 7	2 9	24 11	0 27	12 26	1 34	10 18	16 0	16 13	16 43	12 41		n.a.
T 26	1 31	8 4	5 2	0 19	0 21	5 17	7 35	22 39	1 20	22 13	0 42	7 9	2 9	24 11	0 27	12 26	1 34	10 18	16 0	16 15	16 44	12 43		n.a.
F 27	1 7	11 42	5 9	0s26	0 15	4 54	7 27	22 34	1 21	22 12	0 42	7 12	2 9	24 11	0 27	12 27	1 34	10 19	16 0	16 18	16 44	12 45		n.a.
S 28	0 43	14 52	5 3	1 11	0 8	4 31	7 17	22 28	1 21	22 10	0 42	7 15	2 9	24 11	0 27	12 27	1 34	10 19	16 0	16 19	16 45	12 47		n.a.
S 29	0 18	17 25	4 44	1 55	0 1	4 8	7 7	22 22	1 22	22 9	0 42	7 17	2 8	24 11	0 27	12 28	1 34	10 20	16 0	16 21	16 46	12 48		n.a.
M30	0s 6	19n15	4s13	2s39	0s 5	3s44	6s56	22n16	1n23	22n 8	0n42	7s20	2n 8	24s11	0s27	12s28	1s34	10s20	16s 0	16n21	16n47	12n50		n.a.

Julian Day Number = 1499594.5, Delta T = 05h08m00s
Ecliptic obliquity = 23°46'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'40, Lahiri = -12°20'40 Julian Calendar 1 Sept. 608 BCE == Greg. Calendar 25 Aug. 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

OCTOBER 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 11 46	1♎15'05	2♋57	7♎59	22°R54	28♋15	25♋ 6	23♎47	2♑47	1°R41	10°R50	15°D40	14♌10	19♉20	n.a.	T 1
W 2	0 15 43	2°15'25	15°15	9°34	22♍22	28°49	25°14	23°54	2°47	1♓40	10♈49	15♌41	14° 7	19°27	n.a.	W 2
T 3	0 19 39	3°15'46	27°50	11° 8	21°50	29°23	25°22	24° 0	2°48	1°38	10°48	15°42	14° 4	19°33	n.a.	T 3
F 4	0 23 36	4°16'10	10♌49	12°41	21°21	29°57	25°31	24° 7	2°49	1°37	10°47	15°R43	14° 1	19°40	n.a.	F 4
S 5	0 27 33	5°16'36	24°14	14°15	20°53	0♌30	25°39	24°14	2°49	1°36	10°46	15°43	13°57	19°47	n.a.	S 5
S 6	0 31 29	6°17'03	8♍ 7	15°48	20°27	1° 4	25°47	24°21	2°50	1°34	10°45	15°40	13°54	19°54	n.a.	S 6
M 7	0 35 26	7°17'33	22°26	17°20	20° 3	1°37	25°54	24°27	2°51	1°33	10°43	15°36	13°51	20° 0	n.a.	M 7
T 8	0 39 22	8°18'05	7♎ 7	18°52	19°41	2°11	26° 2	24°34	2°52	1°32	10°42	15°29	13°48	20° 7	n.a.	T 8
W 9	0 43 19	9°18'38	22° 3	20°24	19°22	2°44	26° 9	24°41	2°53	1°31	10°41	15°21	13°45	20°14	n.a.	W 9
T 10	0 47 15	10°19'12	7♏ 5	21°56	19° 5	3°17	26°17	24°48	2°54	1°29	10°40	15°12	13°41	20°21	n.a.	T 10
F 11	0 51 12	11°19'49	22° 4	23°27	18°50	3°50	26°24	24°55	2°55	1°28	10°39	15° 4	13°38	20°27	n.a.	F 11
S 12	0 55 8	12°20'27	6♐50	24°58	18°38	4°23	26°31	25° 2	2°56	1°27	10°38	14°57	13°35	20°34	n.a.	S 12
S 13	0 59 5	13°21'06	21°17	26°28	18°28	4°56	26°38	25° 9	2°58	1°26	10°37	14°53	13°32	20°41	n.a.	S 13
M14	1 3 2	14°21'47	5♑23	27°59	18°20	5°29	26°45	25°16	2°59	1°25	10°36	14°50	13°29	20°47	n.a.	M14
T 15	1 6 58	15°22'28	19° 6	29°28	18°16	6° 2	26°51	25°22	3° 0	1°24	10°34	14°D50	13°26	20°54	n.a.	T 15
W16	1 10 55	16°23'11	2♒29	0♏58	18°13	6°35	26°58	25°29	3° 1	1°22	10°33	14°51	13°22	21° 1	n.a.	W16
T 17	1 14 51	17°23'55	15°33	2°27	18°D13	7° 7	27° 4	25°36	3° 3	1°21	10°32	14°R51	13°19	21° 8	n.a.	T 17
F 18	1 18 48	18°24'41	28°21	3°56	18°15	7°39	27°10	25°43	3° 4	1°20	10°31	14°50	13°16	21°14	n.a.	F 18
S 19	1 22 44	19°25'27	10♓57	5°24	18°20	8°12	27°16	25°50	3° 6	1°19	10°30	14°47	13°13	21°21	n.a.	S 19
S 20	1 26 41	20°26'15	23°22	6°52	18°27	8°44	27°22	25°57	3° 7	1°18	10°29	14°41	13°10	21°28	n.a.	S 20
M21	1 30 37	21°27'04	5♈39	8°19	18°37	9°16	27°28	26° 4	3° 9	1°17	10°28	14°32	13° 7	21°34	n.a.	M21
T 22	1 34 34	22°27'54	17°48	9°45	18°48	9°48	27°34	26°11	3°11	1°17	10°27	14°21	13° 3	21°41	n.a.	T 22
W23	1 38 30	23°28'46	29°51	11°11	19° 2	10°20	27°39	26°18	3°12	1°16	10°25	14° 8	13° 0	21°48	n.a.	W23
T 24	1 42 27	24°29'39	11♉48	12°36	19°18	10°51	27°44	26°25	3°14	1°15	10°24	13°54	12°57	21°55	n.a.	T 24
F 25	1 46 24	25°30'33	23°42	14° 1	19°36	11°23	27°49	26°32	3°16	1°14	10°23	13°41	12°54	22° 1	n.a.	F 25
S 26	1 50 20	26°31'29	5♊33	15°24	19°56	11°54	27°54	26°39	3°18	1°13	10°22	13°29	12°51	22° 8	n.a.	S 26
S 27	1 54 17	27°32'26	17°24	16°46	20°18	12°26	27°59	26°46	3°19	1°12	10°21	13°20	12°47	22°15	n.a.	S 27
M28	1 58 13	28°33'25	29°18	18° 7	20°41	12°57	28° 4	26°53	3°21	1°12	10°20	13°13	12°44	22°22	n.a.	M28
T 29	2 2 10	29°34'25	11♋19	19°26	21° 7	13°28	28° 8	27° 0	3°23	1°11	10°19	13° 9	12°41	22°28	n.a.	T 29
W30	2 6 6	0♏35'26	23°32	20°44	21°34	13°59	28°12	27° 8	3°25	1°10	10°18	13° 8	12°38	22°35	n.a.	W30
T 31	2 10 3	1♏36'29	6♌ 2	21♏59	22♍ 3	14♌29	28♋16	27♎15	3♑27	1♓10	10♈17	13♌ 8	12♌35	22♉42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0s30	20n14	3s30	3s24	0s12	3s20	6s45	22n10	1n24	22n 6	0n43	7s22	2n 8	24s11	0s27	12s29	1s34	10s21	16s 0	16n22	16n48	12n52			n.a.
W 2	0 55	20 17	2 37	4 7	0 18	2 56	6 33	22 4	1 25	22 5	0 43	7 25	2 8	24 11	0 27	12 29	1 34	10 21	16 0	16 21	16 49	12 54			n.a.
T 3	1 19	19 20	1 35	4 51	0 25	2 32	6 20	21 57	1 26	22 3	0 43	7 27	2 8	24 11	0 27	12 30	1 34	10 22	16 1	16 21	16 50	12 56			n.a.
F 4	1 43	17 20	0 26	5 34	0 32	2 8	6 7	21 51	1 26	22 2	0 43	7 30	2 8	24 11	0 27	12 30	1 34	10 22	16 1	16 21	16 51	12 58			n.a.
S 5	2 7	14 20	0n46	6 16	0 38	1 44	5 53	21 44	1 27	22 1	0 43	7 33	2 8	24 11	0 27	12 31	1 34	10 22	16 1	16 21	16 52	13 0			n.a.
S 6	2 32	10 27	1 57	6 59	0 45	1 21	5 39	21 38	1 28	22 0	0 44	7 35	2 8	24 11	0 27	12 31	1 34	10 23	16 1	16 21	16 53	13 2			n.a.
M 7	2 56	5 51	3 4	7 41	0 51	0 59	5 25	21 31	1 29	21 58	0 44	7 38	2 8	24 11	0 27	12 32	1 34	10 23	16 1	16 23	16 54	13 3			n.a.
T 8	3 20	0 48	4 0	8 22	0 57	0 37	5 10	21 24	1 30	21 57	0 44	7 40	2 8	24 11	0 27	12 32	1 34	10 24	16 1	16 25	16 55	13 5			n.a.
W 9	3 44	4s22	4 41	9 3	1 3	0 16	4 56	21 17	1 31	21 56	0 44	7 43	2 7	24 11	0 27	12 33	1 34	10 24	16 1	16 27	16 56	13 7			n.a.
T 10	4 8	9 19	5 2	9 44	1 10	0n 5	4 41	21 10	1 32	21 55	0 44	7 46	2 7	24 11	0 27	12 33	1 34	10 25	16 1	16 30	16 57	13 9			n.a.
F 11	4 32	13 39	5 3	10 24	1 16	0 24	4 26	21 3	1 32	21 54	0 45	7 48	2 7	24 11	0 26	12 33	1 34	10 25	16 1	16 32	16 57	13 11			n.a.
S 12	4 56	17 5	4 43	11 3	1 21	0 43	4 11	20 56	1 33	21 52	0 45	7 51	2 7	24 10	0 26	12 34	1 34	10 25	16 0	16 34	16 58	13 13			n.a.
S 13	5 20	19 23	4 6	11 42	1 27	1 0	3 56	20 49	1 34	21 51	0 45	7 53	2 7	24 10	0 26	12 34	1 34	10 26	16 0	16 36	16 59	13 15			n.a.
M14	5 44	20 25	3 15	12 20	1 33	1 17	3 41	20 42	1 35	21 50	0 45	7 56	2 7	24 10	0 26	12 35	1 34	10 26	16 0	16 36	17 0	13 16			n.a.
T 15	6 8	20 11	2 13	12 58	1 38	1 32	3 27	20 34	1 36	21 49	0 46	7 59	2 7	24 10	0 26	12 35	1 34	10 27	16 0	16 36	17 1	13 18			n.a.
W16	6 32	18 49	1 6	13 35	1 43	1 47	3 12	20 27	1 37	21 48	0 46	8 1	2 7	24 10	0 26	12 35	1 34	10 27	16 0	16 36	17 2	13 20			n.a.
T 17	6 55	16 27	0s 4	14 11	1 48	2 0	2 58	20 19	1 38	21 47	0 46	8 4	2 7	24 10	0 26	12 36	1 34	10 27	16 0	16 36	17 3	13 22			n.a.
F 18	7 19	13 19	1 11	14 46	1 53	2 12	2 44	20 12	1 39	21 46	0 46	8 6	2 7	24 10	0 26	12 36	1 34	10 28	16 0	16 36	17 4	13 24			n.a.
S 19	7 42	9 37	2 14	15 21	1 58	2 23	2 30	20 4	1 40	21 45	0 47	8 9	2 7	24 10	0 26	12 36	1 34	10 28	16 0	16 37	17 5	13 26			n.a.
S 20	8 5	5 34	3 10	15 55	2 2	2 33	2 16	19 56	1 41	21 44	0 47	8 12	2 7	24 10	0 26	12 37	1 34	10 28	16 0	16 39	17 6	13 28			n.a.
M21	8 29	1 19	3 55	16 27	2 6	2 41	2 3	19 49	1 42	21 43	0 47	8 14	2 7	24 10	0 26	12 37	1 34	10 29	16 0	16 42	17 7	13 29			n.a.
T 22	8 52	2n56	4 30	16 59	2 10	2 49	1 49	19 41	1 43	21 42	0 47	8 17	2 7	24 10	0 26	12 37	1 34	10 29	16 0	16 45	17 8	13 31			n.a.
W23	9 14	7 1	4 52	17 30	2 14	2 55	1 37	19 33	1 43	21 41	0 47	8 19	2 7	24 10	0 26	12 38	1 34	10 30	16 0	16 49	17 9	13 33			n.a.
T 24	9 37	10 49	5 1	18 0	2 17	3 1	1 24	19 25	1 44	21 41	0 48	8 22	2 7	24 10	0 26	12 38	1 34	10 30	16 0	16 53	17 9	13 35			n.a.
F 25	10 0	14 10	4 56	18 28	2 19	3 5	1 12	19 17	1 45	21 40	0 48	8 25	2 7	24 10	0 26	12 38	1 33	10 30	16 0	16 57	17 10	13 37			n.a.
S 26	10 22	16 56	4 39	18 56	2 22	3 8	1 0	19 9	1 46	21 39	0 48	8 27	2 7	24 10	0 26	12 38	1 33	10 31	15 59	17 0	17 11	13 39			n.a.
S 27	10 44	19 1	4 10	19 22	2 23	3 10	0 48	19 1	1 47	21 38	0 48	8 30	2 7	24 10	0 26	12 39	1 33	10 31	15 59	17 3	17 12	13 41			n.a.
M28	11 6	20 16	3 30	19 46	2 25	3 11	0 37	18 53	1 48	21 38	0 49	8 32	2 6	24 10	0 26	12 39	1 33	10 31	15 59	17 5	17 13	13 42			n.a.
T 29	11 28	20 37	2 40	20 10	2 26	3 10	0 26	18 45	1 49	21 37	0 49	8 35	2 6	24 10	0 26	12 39	1 33	10 31	15 59	17 6	17 14	13 44			n.a.
W30	11 50	20 1	1 42	20 31	2 26	3 9	0 15	18 37	1 50	21 36	0 49	8 38	2 6	24 10	0 26	12 39	1 33	10 32	15 59	17 6	17 15	13 46			n.a.
T 31	12s12	18n25	0s37	20s51	2s25	3n 7	0s 5	18n29	1n51	21n36	0n49	8s40	2n 6	24s 9	0s26	12s40	1s33	10s32	15s59	17n 6	17n16	13n48			n.a.

Julian Day Number = 1499624.5, Delta T = 05h07m58s
Ecliptic obliquity = 23°46'01, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'36, Lahiri = -12°20'36 Julian Calendar 1 Oct. 608 BCE == Greg. Calendar 24 Sept. 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

NOVEMBER 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 13 59	2♏37'32	18♌54	23♏12	22♍34	15♌ 0	28♋20	27♎22	3♑29	1°R 9	10°R16	13°R 8	12♌32	22♉48	n.a.	F 1
S 2	2 17 56	3°38'37	2♍12	24°23	23° 6	15°31	28°24	27°29	3°31	1♓ 8	10♈15	13♌ 7	12°28	22°55	n.a.	S 2
S 3	2 21 53	4°39'44	16° 0	25°30	23°40	16° 1	28°27	27°36	3°34	1° 8	10°14	13° 3	12°25	23° 2	n.a.	S 3
M 4	2 25 49	5°40'51	0♎18	26°34	24°15	16°31	28°31	27°43	3°36	1° 7	10°13	12°57	12°22	23° 9	n.a.	M 4
T 5	2 29 46	6°42'00	15° 4	27°34	24°52	17° 1	28°34	27°49	3°38	1° 7	10°12	12°48	12°19	23°15	n.a.	T 5
W 6	2 33 42	7°43'09	0♏11	28°29	25°30	17°31	28°37	27°56	3°40	1° 6	10°11	12°37	12°16	23°22	n.a.	W 6
T 7	2 37 39	8°44'19	15°30	29°19	26° 9	18° 1	28°40	28° 3	3°43	1° 6	10°10	12°25	12°12	23°29	n.a.	T 7
F 8	2 41 35	9°45'31	0♐48	0♐ 2	26°49	18°30	28°42	28°10	3°45	1° 6	10° 9	12°14	12° 9	23°35	n.a.	F 8
S 9	2 45 32	10°46'42	15°55	0°39	27°31	18°59	28°45	28°17	3°47	1° 5	10° 8	12° 4	12° 6	23°42	n.a.	S 9
S 10	2 49 29	11°47'55	0♑41	1° 8	28°14	19°29	28°47	28°24	3°50	1° 5	10° 7	11°58	12° 3	23°49	n.a.	S 10
M11	2 53 25	12°49'08	15° 1	1°28	28°57	19°58	28°49	28°31	3°52	1° 5	10° 6	11°53	12° 0	23°56	n.a.	M11
T 12	2 57 22	13°50'21	28°53	1°39	29°42	20°26	28°51	28°38	3°55	1° 4	10° 5	11°52	11°57	24° 2	n.a.	T 12
W13	3 1 18	14°51'34	12♒19	1°R40	0♎28	20°55	28°52	28°45	3°57	1° 4	10° 4	11°51	11°53	24° 9	n.a.	W13
T 14	3 5 15	15°52'47	25°20	1°29	1°15	21°24	28°54	28°52	4° 0	1° 4	10° 3	11°51	11°50	24°16	n.a.	T 14
F 15	3 9 11	16°54'01	8♓ 2	1° 7	2° 3	21°52	28°55	28°58	4° 3	1° 4	10° 2	11°50	11°47	24°23	n.a.	F 15
S 16	3 13 8	17°55'15	20°27	0°33	2°51	22°20	28°56	29° 5	4° 5	1° 4	10° 1	11°46	11°44	24°29	n.a.	S 16
S 17	3 17 4	18°56'29	2♈41	29♏48	3°41	22°48	28°57	29°12	4° 8	1° 4	10° 1	11°40	11°41	24°36	n.a.	S 17
M18	3 21 1	19°57'43	14°47	28°51	4°31	23°16	28°58	29°19	4°11	1° 4	10° 0	11°30	11°38	24°43	n.a.	M18
T 19	3 24 58	20°58'58	26°47	27°46	5°22	23°43	28°58	29°25	4°13	1°D 4	9°59	11°18	11°34	24°49	n.a.	T 19
W20	3 28 54	22° 0'12	8♉42	26°32	6°14	24°10	28°59	29°32	4°16	1° 4	9°58	11° 4	11°31	24°56	n.a.	W20
T 21	3 32 51	23° 1'27	20°36	25°13	7° 7	24°37	28°R59	29°39	4°19	1° 4	9°57	10°49	11°28	25° 3	n.a.	T 21
F 22	3 36 47	24° 2'42	2♊28	23°51	8° 0	25° 4	28°59	29°45	4°22	1° 4	9°57	10°35	11°25	25°10	n.a.	F 22
S 23	3 40 44	25° 3'57	14°21	22°30	8°54	25°31	28°58	29°52	4°25	1° 4	9°56	10°22	11°22	25°16	n.a.	S 23
S 24	3 44 40	26° 5'13	26°15	21°10	9°49	25°57	28°58	29°59	4°28	1° 4	9°55	10°11	11°18	25°23	n.a.	S 24
M25	3 48 37	27° 6'29	8♋13	19°56	10°44	26°23	28°57	0♏ 5	4°31	1° 4	9°54	10° 4	11°15	25°30	n.a.	M25
T 26	3 52 33	28° 7'45	20°17	18°48	11°40	26°49	28°56	0°12	4°34	1° 5	9°54	10° 0	11°12	25°36	n.a.	T 26
W27	3 56 30	29° 9'01	2♌32	17°50	12°37	27°15	28°55	0°18	4°37	1° 5	9°53	9°58	11° 9	25°43	n.a.	W27
T 28	4 0 27	0♐10'17	15° 0	17° 0	13°34	27°41	28°54	0°24	4°40	1° 5	9°52	9°D58	11° 6	25°50	n.a.	T 28
F 29	4 4 23	1°11'34	27°48	16°22	14°32	28° 6	28°53	0°31	4°43	1° 6	9°52	9°R58	11° 3	25°57	n.a.	F 29
S 30	4 8 20	2♐12'51	10♍58	15♏53	15♎30	28♌31	28♋51	0♏37	4♑46	1♓ 6	9♈51	9♌58	10♌59	26♉ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s33	15n51	0n31	21s 9	2s24	3n 4	0n 5	18n21	1n52	21n35	0n50	8s43	2n 6	24s 9	0s26	12s40	1s33	10s32	15s59	17n 6	17n17	13n50		n.a.
S 2	12 54	12 22	1 39	21 26	2 23	3 0	0 15	18 12	1 53	21 35	0 50	8 45	2 6	24 9	0 26	12 40	1 33	10 33	15 58	17 7	17 18	13 52		n.a.
S 3	13 15	8 7	2 44	21 40	2 20	2 55	0 24	18 4	1 54	21 34	0 50	8 48	2 6	24 9	0 26	12 40	1 33	10 33	15 58	17 8	17 19	13 53		n.a.
M 4	13 36	3 15	3 42	21 52	2 17	2 49	0 34	17 56	1 55	21 34	0 51	8 50	2 6	24 9	0 26	12 40	1 33	10 33	15 58	17 9	17 19	13 55		n.a.
T 5	13 56	1s56	4 26	22 2	2 12	2 43	0 42	17 48	1 56	21 33	0 51	8 53	2 6	24 9	0 26	12 40	1 33	10 33	15 58	17 12	17 20	13 57		n.a.
W 6	14 16	7 7	4 53	22 9	2 7	2 35	0 51	17 39	1 57	21 33	0 51	8 55	2 6	24 9	0 26	12 40	1 33	10 33	15 58	17 15	17 21	13 59		n.a.
T 7	14 36	11 56	5 0	22 14	2 0	2 27	0 59	17 31	1 58	21 33	0 51	8 58	2 6	24 9	0 26	12 41	1 33	10 34	15 58	17 18	17 22	14 1		n.a.
F 8	14 56	15 57	4 45	22 16	1 53	2 18	1 7	17 23	2 0	21 33	0 52	9 0	2 6	24 9	0 26	12 41	1 33	10 34	15 57	17 22	17 23	14 3		n.a.
S 9	15 16	18 52	4 10	22 15	1 44	2 8	1 14	17 14	2 1	21 32	0 52	9 3	2 6	24 9	0 26	12 41	1 33	10 34	15 57	17 24	17 24	14 4		n.a.
S 10	15 35	20 27	3 19	22 11	1 33	1 58	1 22	17 6	2 2	21 32	0 52	9 5	2 6	24 9	0 26	12 41	1 33	10 34	15 57	17 26	17 25	14 6		n.a.
M11	15 54	20 39	2 17	22 4	1 22	1 46	1 29	16 58	2 3	21 32	0 52	9 8	2 6	24 9	0 26	12 41	1 33	10 34	15 57	17 28	17 26	14 8		n.a.
T 12	16 13	19 33	1 8	21 53	1 8	1 34	1 35	16 50	2 4	21 32	0 53	9 10	2 6	24 9	0 26	12 41	1 33	10 35	15 57	17 28	17 27	14 10		n.a.
W13	16 31	17 23	0s 2	21 39	0 54	1 22	1 42	16 41	2 5	21 32	0 53	9 13	2 6	24 8	0 26	12 41	1 33	10 35	15 56	17 28	17 28	14 12		n.a.
T 14	16 49	14 21	1 11	21 21	0 38	1 8	1 48	16 33	2 6	21 32	0 53	9 15	2 6	24 8	0 26	12 41	1 33	10 35	15 56	17 28	17 28	14 13		n.a.
F 15	17 7	10 44	2 14	21 0	0 21	0 55	1 54	16 25	2 7	21 32	0 53	9 17	2 7	24 8	0 26	12 41	1 33	10 35	15 56	17 28	17 29	14 15		n.a.
S 16	17 24	6 43	3 9	20 35	0 2	0 40	1 59	16 16	2 8	21 32	0 54	9 20	2 7	24 8	0 26	12 41	1 33	10 35	15 56	17 29	17 30	14 17		n.a.
S 17	17 41	2 29	3 54	20 6	0n17	0 25	2 5	16 8	2 9	21 32	0 54	9 22	2 7	24 8	0 26	12 41	1 33	10 35	15 56	17 31	17 31	14 19		n.a.
M18	17 58	1n47	4 28	19 34	0 38	0 10	2 10	16 0	2 11	21 32	0 54	9 24	2 7	24 8	0 26	12 41	1 32	10 35	15 55	17 34	17 32	14 21		n.a.
T 19	18 15	5 57	4 50	19 0	0 58	0s 6	2 15	15 52	2 12	21 32	0 55	9 27	2 7	24 8	0 26	12 41	1 32	10 36	15 55	17 37	17 33	14 22		n.a.
W20	18 31	9 52	4 59	18 23	1 18	0 23	2 19	15 44	2 13	21 32	0 55	9 29	2 7	24 8	0 26	12 41	1 32	10 36	15 55	17 41	17 34	14 24		n.a.
T 21	18 47	13 24	4 55	17 45	1 37	0 40	2 24	15 36	2 14	21 32	0 55	9 32	2 7	24 8	0 26	12 41	1 32	10 36	15 55	17 46	17 35	14 26		n.a.
F 22	19 2	16 23	4 39	17 8	1 56	0 58	2 28	15 28	2 15	21 33	0 55	9 34	2 7	24 8	0 26	12 41	1 32	10 36	15 54	17 49	17 36	14 28		n.a.
S 23	19 18	18 42	4 10	16 31	2 12	1 16	2 32	15 20	2 16	21 33	0 56	9 36	2 7	24 7	0 26	12 41	1 32	10 36	15 54	17 53	17 36	14 30		n.a.
S 24	19 32	20 13	3 29	15 56	2 27	1 34	2 35	15 12	2 18	21 33	0 56	9 38	2 7	24 7	0 26	12 41	1 32	10 36	15 54	17 56	17 37	14 31		n.a.
M25	19 47	20 51	2 40	15 24	2 39	1 53	2 39	15 4	2 19	21 34	0 56	9 41	2 7	24 7	0 26	12 40	1 32	10 36	15 54	17 58	17 38	14 33		n.a.
T 26	20 1	20 31	1 42	14 56	2 49	2 12	2 42	14 56	2 20	21 34	0 56	9 43	2 7	24 7	0 26	12 40	1 32	10 36	15 53	17 59	17 39	14 35		n.a.
W27	20 15	19 13	0 39	14 33	2 57	2 31	2 45	14 48	2 21	21 35	0 57	9 45	2 7	24 7	0 26	12 40	1 32	10 36	15 53	18 0	17 40	14 37		n.a.
T 28	20 28	16 59	0n27	14 14	3 3	2 51	2 48	14 40	2 23	21 35	0 57	9 47	2 7	24 7	0 26	12 40	1 32	10 36	15 53	18 0	17 41	14 39		n.a.
F 29	20 41	13 52	1 33	13 59	3 6	3 11	2 50	14 32	2 24	21 36	0 57	9 49	2 7	24 7	0 26	12 40	1 32	10 36	15 52	17 59	17 42	14 40		n.a.
S 30	20s53	9n58	2n37	13s50	3n 7	3s32	2n53	14n25	2n25	21n37	0n58	9s52	2n 7	24s 7	0s26	12s40	1s32	10s36	15s52	18n 0	17n43	14n42		n.a.

Julian Day Number = 1499655.5, Delta T = 05h07m57s
Ecliptic obliquity = 23°46'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'32, Lahiri = -12°20'32 Julian Calendar 1 Nov. 608 BCE == Greg. Calendar 25 Oct. 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 608 BCE
geocentric

DECEMBER 608 BCE (-607) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 12 16	3♐14'08	24♍35	15°R35	16♎29	28♌55	28°R49	0♏43	4♑49	1♓ 6	9°R50	9°R56	10♌56	26♉10	n.a.	S 1
M 2	4 16 13	4°15'25	8♎41	15°D27	17°28	29°20	28♋47	0°50	4°52	1° 7	9♈50	9♌51	10°53	26°17	n.a.	M 2
T 3	4 20 9	5°16'42	23°15	15♏27	18°28	29°44	28°45	0°56	4°55	1° 7	9°49	9°45	10°50	26°23	n.a.	T 3
W 4	4 24 6	6°17'59	8♏13	15°37	19°28	0♍ 8	28°42	1° 2	4°58	1° 8	9°48	9°36	10°47	26°30	n.a.	W 4
T 5	4 28 2	7°19'16	23°27	15°54	20°29	0°31	28°40	1° 8	5° 1	1° 8	9°48	9°26	10°44	26°37	n.a.	T 5
F 6	4 31 59	8°20'32	8♐47	16°19	21°30	0°55	28°37	1°14	5° 5	1° 9	9°47	9°16	10°40	26°44	n.a.	F 6
S 7	4 35 56	9°21'49	24° 1	16°50	22°31	1°18	28°34	1°20	5° 8	1°10	9°47	9° 8	10°37	26°50	n.a.	S 7
S 8	4 39 52	10°23'05	8♑59	17°27	23°33	1°40	28°31	1°26	5°11	1°10	9°46	9° 2	10°34	26°57	n.a.	S 8
M 9	4 43 49	11°24'20	23°32	18° 9	24°35	2° 3	28°27	1°32	5°14	1°11	9°46	8°58	10°31	27° 4	n.a.	M 9
T 10	4 47 45	12°25'34	7♒37	18°56	25°37	2°25	28°24	1°38	5°18	1°12	9°45	8°D57	10°28	27°11	n.a.	T 10
W11	4 51 42	13°26'48	21°13	19°47	26°40	2°46	28°20	1°44	5°21	1°12	9°45	8°58	10°24	27°17	n.a.	W11
T 12	4 55 38	14°28'01	4♓22	20°42	27°43	3° 8	28°16	1°50	5°24	1°13	9°45	8°59	10°21	27°24	n.a.	T 12
F 13	4 59 35	15°29'12	17° 7	21°40	28°47	3°29	28°12	1°56	5°28	1°14	9°44	8°R59	10°18	27°31	n.a.	F 13
S 14	5 3 32	16°30'23	29°33	22°42	29°51	3°49	28° 8	2° 1	5°31	1°15	9°44	8°58	10°15	27°37	n.a.	S 14
S 15	5 7 28	17°31'33	11♈44	23°46	0♏55	4°10	28° 4	2° 7	5°34	1°16	9°43	8°55	10°12	27°44	n.a.	S 15
M16	5 11 25	18°32'42	23°45	24°52	1°59	4°29	27°59	2°12	5°38	1°17	9°43	8°49	10° 9	27°51	n.a.	M16
T 17	5 15 21	19°33'50	5♉40	26° 1	3° 4	4°49	27°54	2°18	5°41	1°18	9°43	8°42	10° 5	27°58	n.a.	T 17
W18	5 19 18	20°34'57	17°32	27°12	4° 9	5° 8	27°49	2°23	5°44	1°19	9°43	8°33	10° 2	28° 4	n.a.	W18
T 19	5 23 14	21°36'02	29°23	28°25	5°14	5°27	27°44	2°29	5°48	1°20	9°42	8°23	9°59	28°11	n.a.	T 19
F 20	5 27 11	22°37'07	11♊17	29°40	6°19	5°45	27°39	2°34	5°51	1°21	9°42	8°14	9°56	28°18	n.a.	F 20
S 21	5 31 7	23°38'11	23°13	0♐56	7°25	6° 3	27°34	2°39	5°55	1°22	9°42	8° 5	9°53	28°24	n.a.	S 21
S 22	5 35 4	24°39'14	5♋14	2°13	8°31	6°21	27°28	2°45	5°58	1°23	9°42	7°59	9°50	28°31	n.a.	S 22
M23	5 39 1	25°40'17	17°22	3°32	9°37	6°38	27°22	2°50	6° 2	1°24	9°41	7°54	9°46	28°38	n.a.	M23
T 24	5 42 57	26°41'18	29°37	4°52	10°43	6°55	27°17	2°55	6° 5	1°25	9°41	7°52	9°43	28°45	n.a.	T 24
W25	5 46 54	27°42'18	12♌ 2	6°14	11°50	7°11	27°11	3° 0	6° 9	1°26	9°41	7°D52	9°40	28°51	n.a.	W25
T 26	5 50 50	28°43'17	24°39	7°36	12°57	7°27	27° 5	3° 5	6°12	1°28	9°41	7°53	9°37	28°58	n.a.	T 26
F 27	5 54 47	29°44'16	7♍32	8°59	14° 4	7°42	26°58	3°10	6°16	1°29	9°41	7°55	9°34	29° 5	n.a.	F 27
S 28	5 58 43	0♑45'13	20°43	10°24	15°11	7°57	26°52	3°14	6°19	1°30	9°41	7°56	9°30	29°11	n.a.	S 28
S 29	6 2 40	1°46'09	4♎14	11°49	16°18	8°12	26°45	3°19	6°22	1°31	9°41	7°R56	9°27	29°18	n.a.	S 29
M30	6 6 36	2°47'05	18° 8	13°16	17°26	8°25	26°39	3°24	6°26	1°33	9°41	7°55	9°24	29°25	n.a.	M30
T 31	6 10 33	3♑47'59	2♏25	14♐43	18♏34	8♍39	26♋32	3♏28	6♑29	1♓34	9°D41	7♌53	9♌21	29♉32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s 5	5n27	3n34	13s45	3n 7	3s53	2n55	14n17	2n26	21n37	0n58	9s54	2n 7	24s 7	0s26	12s39	1s32	10s36	15s52	18n 0	17n44	14n44		n.a.
M 2	21 17	0 29	4 20	13 44	3 5	4 14	2 57	14 10	2 28	21 38	0 58	9 56	2 7	24 6	0 26	12 39	1 32	10 36	15 52	18 1	17 44	14 46		n.a.
T 3	21 28	4s39	4 51	13 48	3 2	4 35	2 59	14 2	2 29	21 39	0 58	9 58	2 7	24 6	0 26	12 39	1 32	10 36	15 51	18 3	17 45	14 47		n.a.
W 4	21 39	9 39	5 3	13 54	2 58	4 56	3 1	13 55	2 30	21 39	0 59	10 0	2 8	24 6	0 26	12 39	1 32	10 36	15 51	18 6	17 46	14 49		n.a.
T 5	21 50	14 8	4 54	14 4	2 53	5 18	3 2	13 48	2 32	21 40	0 59	10 2	2 8	24 6	0 26	12 39	1 32	10 36	15 51	18 8	17 47	14 51		n.a.
F 6	22 0	17 43	4 25	14 17	2 47	5 40	3 3	13 41	2 33	21 41	0 59	10 4	2 8	24 6	0 26	12 38	1 32	10 36	15 50	18 11	17 48	14 53		n.a.
S 7	22 9	20 2	3 36	14 32	2 40	6 2	3 4	13 33	2 34	21 42	0 59	10 6	2 8	24 6	0 26	12 38	1 32	10 36	15 50	18 13	17 49	14 55		n.a.
S 8	22 19	20 55	2 33	14 50	2 33	6 24	3 5	13 26	2 36	21 43	1 0	10 8	2 8	24 6	0 26	12 38	1 32	10 36	15 50	18 15	17 50	14 56		n.a.
M 9	22 27	20 21	1 22	15 9	2 25	6 46	3 6	13 20	2 37	21 44	1 0	10 10	2 8	24 6	0 26	12 37	1 32	10 35	15 49	18 16	17 51	14 58		n.a.
T 10	22 36	18 30	0 7	15 29	2 17	7 9	3 7	13 13	2 38	21 45	1 0	10 12	2 8	24 5	0 26	12 37	1 31	10 35	15 49	18 16	17 51	15 0		n.a.
W11	22 43	15 39	1s 5	15 51	2 9	7 31	3 7	13 6	2 40	21 46	1 0	10 14	2 8	24 5	0 26	12 37	1 31	10 35	15 49	18 16	17 52	15 2		n.a.
T 12	22 51	12 5	2 12	16 14	2 1	7 54	3 7	13 0	2 41	21 47	1 1	10 16	2 8	24 5	0 26	12 37	1 31	10 35	15 49	18 15	17 53	15 3		n.a.
F 13	22 58	8 4	3 10	16 38	1 52	8 16	3 8	12 53	2 42	21 48	1 1	10 18	2 8	24 5	0 26	12 36	1 31	10 35	15 48	18 15	17 54	15 5		n.a.
S 14	23 4	3 48	3 57	17 2	1 43	8 39	3 8	12 47	2 44	21 49	1 1	10 20	2 8	24 5	0 26	12 36	1 31	10 35	15 48	18 16	17 55	15 7		n.a.
S 15	23 10	0n31	4 33	17 27	1 35	9 2	3 7	12 41	2 45	21 50	1 1	10 22	2 9	24 5	0 26	12 35	1 31	10 35	15 48	18 17	17 56	15 9		n.a.
M16	23 16	4 45	4 56	17 52	1 26	9 24	3 7	12 35	2 47	21 51	1 2	10 24	2 9	24 5	0 26	12 35	1 31	10 34	15 47	18 18	17 57	15 10		n.a.
T 17	23 21	8 47	5 6	18 17	1 17	9 47	3 7	12 29	2 48	21 53	1 2	10 25	2 9	24 4	0 26	12 35	1 31	10 34	15 47	18 20	17 57	15 12		n.a.
W18	23 26	12 27	5 3	18 42	1 8	10 10	3 6	12 23	2 50	21 54	1 2	10 27	2 9	24 4	0 26	12 34	1 31	10 34	15 47	18 22	17 58	15 14		n.a.
T 19	23 30	15 38	4 47	19 7	1 0	10 32	3 5	12 17	2 51	21 55	1 2	10 29	2 9	24 4	0 26	12 34	1 31	10 34	15 46	18 25	17 59	15 16		n.a.
F 20	23 33	18 11	4 18	19 32	0 51	10 55	3 4	12 12	2 53	21 56	1 3	10 31	2 9	24 4	0 26	12 33	1 31	10 34	15 46	18 27	18 0	15 17		n.a.
S 21	23 37	19 58	3 38	19 56	0 42	11 17	3 4	12 6	2 54	21 58	1 3	10 32	2 9	24 4	0 26	12 33	1 31	10 33	15 46	18 30	18 1	15 19		n.a.
S 22	23 39	20 53	2 47	20 20	0 34	11 40	3 2	12 1	2 56	21 59	1 3	10 34	2 9	24 4	0 26	12 33	1 31	10 33	15 45	18 31	18 2	15 21		n.a.
M23	23 42	20 49	1 49	20 44	0 26	12 2	3 1	11 56	2 57	22 0	1 3	10 36	2 10	24 4	0 26	12 32	1 31	10 33	15 45	18 32	18 3	15 23		n.a.
T 24	23 43	19 47	0 45	21 7	0 17	12 24	3 0	11 51	2 59	22 2	1 4	10 37	2 10	24 3	0 26	12 32	1 31	10 33	15 45	18 33	18 4	15 24		n.a.
W25	23 45	17 47	0n23	21 29	0 9	12 46	2 58	11 46	3 0	22 3	1 4	10 39	2 10	24 3	0 26	12 31	1 31	10 32	15 44	18 33	18 4	15 26		n.a.
T 26	23 46	14 54	1 30	21 51	0 1	13 8	2 57	11 42	3 2	22 5	1 4	10 40	2 10	24 3	0 26	12 31	1 31	10 32	15 44	18 33	18 5	15 28		n.a.
F 27	23 46	11 15	2 34	22 12	0s 6	13 30	2 55	11 37	3 3	22 6	1 4	10 42	2 10	24 3	0 26	12 30	1 31	10 32	15 43	18 32	18 6	15 30		n.a.
S 28	23 46	6 58	3 32	22 33	0 14	13 51	2 53	11 33	3 5	22 8	1 5	10 44	2 10	24 3	0 26	12 30	1 31	10 32	15 43	18 32	18 7	15 31		n.a.
S 29	23 45	2 16	4 20	22 52	0 21	14 12	2 51	11 29	3 6	22 9	1 5	10 45	2 10	24 3	0 26	12 29	1 31	10 31	15 43	18 32	18 8	15 33		n.a.
M30	23 44	2s41	4 54	23 10	0 29	14 33	2 49	11 25	3 8	22 10	1 5	10 46	2 10	24 2	0 26	12 29	1 31	10 31	15 42	18 32	18 9	15 35		n.a.
T 31	23s43	7s37	5n10	23s28	0s36	14s54	2n47	11n22	3n10	22n12	1n 5	10s48	2n11	24s 2	0s26	12s28	1s31	10s31	15s42	18n33	18n10	15n36		n.a.

Julian Day Number = 1499685.5, Delta T = 05h07m55s
Ecliptic obliquity = 23°46'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'28, Lahiri = -12°20'28 Julian Calendar 1 Dec. 608 BCE == Greg. Calendar 24 Nov. 608 BCE

The year -607 astronomical counting style corresponds to year 608 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

JANUARY 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 14 30	4♑48'53	17♏ 2	16♐11	19♏42	8♍52	26°R25	3♏33	6♑33	1♓36	9♈41	7°R49	9♌18	29♉38	n.a.	W 1
T 2	6 18 26	5°49'46	1♐56	17°40	20°50	9° 4	26♋18	3°37	6°36	1°37	9°41	7♌44	9°15	29°45	n.a.	T 2
F 3	6 22 23	6°50'37	16°57	19° 9	21°58	9°16	26°11	3°42	6°40	1°38	9°41	7°39	9°11	29°52	n.a.	F 3
S 4	6 26 19	7°51'27	1♑58	20°40	23° 6	9°27	26° 4	3°46	6°43	1°40	9°41	7°35	9° 8	29°58	n.a.	S 4
S 5	6 30 16	8°52'16	16°49	22°11	24°15	9°38	25°57	3°50	6°47	1°42	9°41	7°32	9° 5	0♊ 5	n.a.	S 5
M 6	6 34 12	9°53'03	1♒23	23°44	25°23	9°48	25°50	3°54	6°50	1°43	9°41	7°D31	9° 2	0°12	n.a.	M 6
T 7	6 38 9	10°53'49	15°33	25°17	26°32	9°57	25°42	3°58	6°54	1°45	9°41	7°31	8°59	0°19	n.a.	T 7
W 8	6 42 6	11°54'33	29°16	26°50	27°41	10° 6	25°35	4° 2	6°57	1°46	9°42	7°32	8°56	0°25	n.a.	W 8
T 9	6 46 2	12°55'15	12♓34	28°25	28°50	10°15	25°27	4° 6	7° 1	1°48	9°42	7°34	8°52	0°32	n.a.	T 9
F 10	6 49 59	13°55'55	25°26	0♑ 0	29°59	10°22	25°20	4°10	7° 4	1°49	9°42	7°35	8°49	0°39	n.a.	F 10
S 11	6 53 55	14°56'33	7♈58	1°37	1♐ 8	10°29	25°12	4°14	7° 8	1°51	9°42	7°36	8°46	0°45	n.a.	S 11
S 12	6 57 52	15°57'10	20°12	3°14	2°17	10°36	25° 4	4°18	7°11	1°53	9°42	7°R36	8°43	0°52	n.a.	S 12
M13	7 1 48	16°57'44	2♉14	4°52	3°27	10°41	24°57	4°21	7°15	1°55	9°43	7°36	8°40	0°59	n.a.	M13
T 14	7 5 45	17°58'17	14° 9	6°31	4°36	10°46	24°49	4°25	7°18	1°56	9°43	7°34	8°36	1° 6	n.a.	T 14
W15	7 9 41	18°58'47	26° 0	8°11	5°46	10°51	24°41	4°28	7°22	1°58	9°43	7°31	8°33	1°12	n.a.	W15
T 16	7 13 38	19°59'16	7♊52	9°51	6°56	10°55	24°33	4°31	7°25	2° 0	9°44	7°28	8°30	1°19	n.a.	T 16
F 17	7 17 35	20°59'43	19°47	11°33	8° 6	10°58	24°25	4°34	7°29	2° 2	9°44	7°26	8°27	1°26	n.a.	F 17
S 18	7 21 31	22° 0'08	1♋49	13°15	9°15	11° 0	24°18	4°38	7°32	2° 3	9°45	7°23	8°24	1°32	n.a.	S 18
S 19	7 25 28	23° 0'31	14° 0	14°59	10°25	11° 2	24°10	4°41	7°36	2° 5	9°45	7°21	8°21	1°39	n.a.	S 19
M20	7 29 24	24° 0'52	26°20	16°43	11°36	11° 3	24° 2	4°44	7°39	2° 7	9°45	7°20	8°17	1°46	n.a.	M20
T 21	7 33 21	25° 1'11	8♌52	18°29	12°46	11°R 3	23°54	4°46	7°42	2° 9	9°46	7°D20	8°14	1°53	n.a.	T 21
W22	7 37 17	26° 1'29	21°35	20°15	13°56	11° 2	23°46	4°49	7°46	2°11	9°46	7°20	8°11	1°59	n.a.	W22
T 23	7 41 14	27° 1'45	4♍32	22° 3	15° 6	11° 1	23°38	4°52	7°49	2°13	9°47	7°21	8° 8	2° 6	n.a.	T 23
F 24	7 45 10	28° 1'59	17°41	23°51	16°17	10°59	23°30	4°55	7°52	2°15	9°47	7°22	8° 5	2°13	n.a.	F 24
S 25	7 49 7	29° 2'11	1♎ 5	25°40	17°27	10°56	23°22	4°57	7°56	2°17	9°48	7°23	8° 1	2°19	n.a.	S 25
S 26	7 53 4	0♒ 2'21	14°44	27°31	18°38	10°53	23°15	4°59	7°59	2°19	9°48	7°23	7°58	2°26	n.a.	S 26
M27	7 57 0	1° 2'30	28°36	29°22	19°48	10°49	23° 7	5° 2	8° 2	2°21	9°49	7°R24	7°55	2°33	n.a.	M27
T 28	8 0 57	2° 2'38	12♏43	1♒14	20°59	10°43	22°59	5° 4	8° 6	2°23	9°50	7°24	7°52	2°40	n.a.	T 28
W29	8 4 53	3° 2'43	27° 2	3° 8	22°10	10°38	22°51	5° 6	8° 9	2°25	9°50	7°23	7°49	2°46	n.a.	W29
T 30	8 8 50	4° 2'47	11♐31	5° 2	23°21	10°31	22°44	5° 8	8°12	2°27	9°51	7°23	7°46	2°53	n.a.	T 30
F 31	8 12 46	5♒ 2'50	26♐ 5	6♒57	24♐32	10♍23	22♋36	5♏10	8♑15	2♓29	9♈51	7♌23	7♌42	3♊ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s41	12s14	5n 8	23s44	0s42	15s15	2n45	11n18	3n11	22n14	1n 5	10s49	2n11	24s 2	0s26	12s28	1s31	10s30	15s42	18n34	18n10	15n38		n.a.
T 2	23 38	16 11	4 45	24 0	0 49	15 35	2 43	11 15	3 13	22 15	1 6	10 51	2 11	24 2	0 26	12 27	1 31	10 30	15 41	18 35	18 11	15 40		n.a.
F 3	23 35	19 6	4 2	24 14	0 55	15 55	2 41	11 12	3 14	22 17	1 6	10 52	2 11	24 2	0 26	12 27	1 31	10 30	15 41	18 36	18 12	15 42		n.a.
S 4	23 32	20 43	3 2	24 27	1 2	16 15	2 38	11 9	3 16	22 18	1 6	10 53	2 11	24 2	0 26	12 26	1 30	10 29	15 41	18 37	18 13	15 43		n.a.
S 5	23 28	20 51	1 51	24 39	1 8	16 35	2 36	11 6	3 18	22 20	1 6	10 55	2 11	24 1	0 26	12 25	1 30	10 29	15 40	18 38	18 14	15 45		n.a.
M 6	23 24	19 35	0 34	24 50	1 13	16 54	2 33	11 4	3 19	22 21	1 6	10 56	2 12	24 1	0 26	12 25	1 30	10 29	15 40	18 39	18 15	15 47		n.a.
T 7	23 19	17 6	0s44	24 59	1 19	17 13	2 30	11 2	3 21	22 23	1 6	10 57	2 12	24 1	0 26	12 24	1 30	10 28	15 40	18 39	18 15	15 48		n.a.
W 8	23 13	13 42	1 57	25 7	1 24	17 31	2 28	11 0	3 23	22 24	1 7	10 58	2 12	24 1	0 26	12 24	1 30	10 28	15 39	18 38	18 16	15 50		n.a.
T 9	23 8	9 43	3 1	25 14	1 29	17 49	2 25	10 58	3 24	22 26	1 7	11 0	2 12	24 1	0 26	12 23	1 30	10 27	15 39	18 38	18 17	15 52		n.a.
F 10	23 2	5 24	3 54	25 19	1 33	18 7	2 22	10 57	3 26	22 28	1 7	11 1	2 12	24 0	0 26	12 22	1 30	10 27	15 39	18 37	18 18	15 53		n.a.
S 11	22 55	0 59	4 34	25 23	1 38	18 24	2 19	10 56	3 27	22 29	1 7	11 2	2 12	24 0	0 26	12 22	1 30	10 27	15 38	18 37	18 19	15 55		n.a.
S 12	22 48	3n22	5 1	25 25	1 42	18 41	2 16	10 55	3 29	22 31	1 7	11 3	2 12	24 0	0 26	12 21	1 30	10 26	15 38	18 37	18 20	15 57		n.a.
M13	22 40	7 31	5 14	25 26	1 45	18 57	2 13	10 54	3 31	22 32	1 7	11 4	2 13	24 0	0 26	12 20	1 30	10 26	15 38	18 37	18 21	15 59		n.a.
T 14	22 32	11 19	5 13	25 25	1 49	19 13	2 10	10 54	3 32	22 34	1 8	11 5	2 13	24 0	0 26	12 20	1 30	10 25	15 37	18 38	18 21	16 0		n.a.
W15	22 24	14 41	4 59	25 22	1 52	19 29	2 7	10 53	3 34	22 35	1 8	11 6	2 13	24 0	0 26	12 19	1 30	10 25	15 37	18 38	18 22	16 2		n.a.
T 16	22 15	17 27	4 32	25 18	1 54	19 44	2 3	10 53	3 36	22 37	1 8	11 7	2 13	23 59	0 26	12 18	1 30	10 24	15 37	18 39	18 23	16 4		n.a.
F 17	22 6	19 29	3 53	25 11	1 56	19 59	2 0	10 54	3 37	22 39	1 8	11 8	2 13	23 59	0 26	12 18	1 30	10 24	15 36	18 40	18 24	16 5		n.a.
S 18	21 56	20 41	3 4	25 4	1 58	20 13	1 57	10 54	3 39	22 40	1 8	11 9	2 14	23 59	0 26	12 17	1 30	10 24	15 36	18 41	18 25	16 7		n.a.
S 19	21 46	20 56	2 6	24 54	2 0	20 27	1 54	10 55	3 40	22 42	1 8	11 10	2 14	23 59	0 26	12 16	1 30	10 23	15 36	18 41	18 26	16 9		n.a.
M20	21 36	20 11	1 1	24 42	2 1	20 40	1 50	10 56	3 42	22 43	1 8	11 10	2 14	23 59	0 26	12 16	1 30	10 23	15 35	18 41	18 26	16 10		n.a.
T 21	21 25	18 26	0n 8	24 29	2 2	20 52	1 47	10 58	3 44	22 45	1 9	11 11	2 14	23 58	0 26	12 15	1 30	10 22	15 35	18 41	18 27	16 12		n.a.
W22	21 14	15 44	1 18	24 13	2 2	21 4	1 43	10 59	3 45	22 46	1 9	11 12	2 14	23 58	0 26	12 14	1 30	10 22	15 35	18 41	18 28	16 14		n.a.
T 23	21 2	12 14	2 25	23 56	2 2	21 16	1 40	11 1	3 47	22 48	1 9	11 13	2 14	23 58	0 26	12 14	1 30	10 21	15 34	18 41	18 29	16 15		n.a.
F 24	20 50	8 4	3 26	23 37	2 1	21 27	1 36	11 3	3 48	22 49	1 9	11 13	2 15	23 58	0 26	12 13	1 30	10 21	15 34	18 41	18 30	16 17		n.a.
S 25	20 38	3 28	4 16	23 16	2 0	21 38	1 33	11 6	3 50	22 51	1 9	11 14	2 15	23 58	0 26	12 12	1 30	10 20	15 34	18 41	18 31	16 19		n.a.
S 26	20 25	1s23	4 53	22 52	1 58	21 47	1 29	11 8	3 51	22 52	1 9	11 15	2 15	23 58	0 26	12 11	1 30	10 20	15 33	18 40	18 31	16 20		n.a.
M27	20 12	6 15	5 13	22 27	1 56	21 57	1 26	11 11	3 53	22 53	1 9	11 15	2 15	23 57	0 26	12 11	1 30	10 19	15 33	18 40	18 32	16 22		n.a.
T 28	19 58	10 51	5 16	22 0	1 53	22 5	1 22	11 15	3 54	22 55	1 9	11 16	2 15	23 57	0 26	12 10	1 30	10 19	15 33	18 40	18 33	16 24		n.a.
W29	19 45	14 55	4 59	21 31	1 50	22 14	1 19	11 18	3 55	22 56	1 9	11 16	2 16	23 57	0 26	12 9	1 30	10 18	15 32	18 41	18 34	16 25		n.a.
T 30	19 30	18 8	4 23	20 59	1 46	22 21	1 15	11 22	3 57	22 58	1 9	11 17	2 16	23 57	0 26	12 8	1 30	10 18	15 32	18 41	18 35	16 27		n.a.
F 31	19s16	20s13	3n30	20s26	1s42	22s28	1n11	11n26	3n58	22n59	1n 9	11s17	2n16	23s57	0s26	12s 8	1s30	10s17	15s32	18n41	18n36	16n29		n.a.

Julian Day Number = 1499716.5, Delta T = 05h07m54s
Ecliptic obliquity = 23°46'00, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'24, Lahiri = -12°20'23 Julian Calendar 1 Jan. 607 BCE == Greg. Calendar 25 Dec. 608 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

FEBRUARY 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 16 43	6♒ 2'50	10♉39	8♒52	25♐42	10°R15	22°R29	5♏12	8♉19	2♓31	9♈52	7°R22	7♌39	3♊ 6	n.a.	S 1
S 2	8 20 39	7° 2'49	25° 7	10°49	26°53	10♍ 6	22♋21	5°14	8°22	2°33	9°53	7°D22	7°36	3°13	n.a.	S 2
M 3	8 24 36	8° 2'45	9♒23	12°46	28° 5	9°56	22°14	5°15	8°25	2°35	9°54	7°R22	7°33	3°20	n.a.	M 3
T 4	8 28 33	9° 2'40	23°23	14°43	29°16	9°46	22° 6	5°17	8°28	2°37	9°54	7♌22	7°30	3°27	n.a.	T 4
W 5	8 32 29	10° 2'32	7♓ 3	16°41	0♉27	9°34	21°59	5°18	8°31	2°39	9°55	7°22	7°27	3°33	n.a.	W 5
T 6	8 36 26	11° 2'22	20°20	18°38	1°38	9°22	21°52	5°20	8°34	2°41	9°56	7°22	7°23	3°40	n.a.	T 6
F 7	8 40 22	12° 2'09	3♈16	20°36	2°49	9°10	21°45	5°21	8°37	2°44	9°57	7°21	7°20	3°47	n.a.	F 7
S 8	8 44 19	13° 1'55	15°52	22°33	4° 0	8°56	21°38	5°22	8°40	2°46	9°57	7°21	7°17	3°53	n.a.	S 8
S 9	8 48 15	14° 1'37	28°11	24°29	5°12	8°42	21°31	5°23	8°43	2°48	9°58	7°20	7°14	4° 0	n.a.	S 9
M10	8 52 12	15° 1'18	10♉16	26°25	6°23	8°27	21°24	5°24	8°46	2°50	9°59	7°D20	7°11	4° 7	n.a.	M10
T 11	8 56 8	16° 0'56	22°12	28°18	7°34	8°11	21°18	5°25	8°49	2°52	10° 0	7°20	7° 7	4°14	n.a.	T 11
W12	9 0 5	17° 0'32	4♊ 4	0♓10	8°46	7°55	21°11	5°26	8°52	2°54	10° 1	7°20	7° 4	4°20	n.a.	W12
T 13	9 4 1	18° 0'06	15°56	2° 0	9°57	7°38	21° 5	5°26	8°55	2°57	10° 2	7°21	7° 1	4°27	n.a.	T 13
F 14	9 7 58	18°59'37	27°53	3°47	11° 9	7°20	20°59	5°27	8°58	2°59	10° 3	7°22	6°58	4°34	n.a.	F 14
S 15	9 11 55	19°59'05	9♋59	5°31	12°20	7° 2	20°52	5°27	9° 1	3° 1	10° 3	7°23	6°55	4°40	n.a.	S 15
S 16	9 15 51	20°58'32	22°18	7°11	13°32	6°43	20°46	5°28	9° 4	3° 3	10° 4	7°24	6°52	4°47	n.a.	S 16
M17	9 19 48	21°57'56	4♌50	8°48	14°44	6°24	20°41	5°28	9° 7	3° 5	10° 5	7°R25	6°48	4°54	n.a.	M17
T 18	9 23 44	22°57'18	17°39	10°19	15°55	6° 4	20°35	5°28	9° 9	3° 8	10° 6	7°25	6°45	5° 0	n.a.	T 18
W19	9 27 41	23°56'37	0♍44	11°46	17° 7	5°44	20°29	5°R28	9°12	3°10	10° 7	7°24	6°42	5° 7	n.a.	W19
T 20	9 31 37	24°55'55	14° 5	13° 7	18°19	5°23	20°24	5°28	9°15	3°12	10° 8	7°22	6°39	5°14	n.a.	T 20
F 21	9 35 34	25°55'10	27°41	14°23	19°30	5° 2	20°18	5°28	9°17	3°14	10° 9	7°19	6°36	5°21	n.a.	F 21
S 22	9 39 30	26°54'23	11♎29	15°33	20°42	4°40	20°13	5°28	9°20	3°17	10°10	7°17	6°33	5°27	n.a.	S 22
S 23	9 43 27	27°53'34	25°27	16°36	21°54	4°19	20° 8	5°28	9°23	3°19	10°11	7°14	6°29	5°34	n.a.	S 23
M24	9 47 23	28°52'44	9♏32	17°33	23° 6	3°56	20° 3	5°27	9°25	3°21	10°12	7°12	6°26	5°41	n.a.	M24
T 25	9 51 20	29°51'51	23°41	18°23	24°18	3°34	19°59	5°27	9°28	3°23	10°13	7°D11	6°23	5°47	n.a.	T 25
W26	9 55 17	0♓50'57	7♐53	19° 6	25°29	3°11	19°54	5°26	9°30	3°26	10°15	7°11	6°20	5°54	n.a.	W26
T 27	9 59 13	1°50'01	22° 5	19°43	26°41	2°49	19°50	5°25	9°33	3°28	10°16	7°12	6°17	6° 1	n.a.	T 27
F 28	10 3 10	2♓49'03	6♑15	20♓12	27♑53	2♍26	19♋46	5♏24	9♑35	3♓30	10♈17	7♌13	6♌13	6♊ 8	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 1	20s57	2n23	19s50	1s37	22s34	1n 8	11n30	3n59	23n 0	1n 9	11s18	2n16	23s56	0s26	12s 7	1s30	10s16	15s31	18n41	18n36	16n30		n.a.
S 2	18 46	20 18	1 8	19 13	1 31	22 40	1 4	11 35	4 1	23 2	1 9	11 18	2 16	23 56	0 26	12 6	1 30	10 16	15 31	18 41	18 37	16 32		n.a.
M 3	18 30	18 20	0s11	18 34	1 25	22 45	1 0	11 40	4 2	23 3	1 10	11 19	2 16	23 56	0 26	12 5	1 30	10 15	15 31	18 41	18 38	16 34		n.a.
T 4	18 14	15 17	1 28	17 53	1 18	22 49	0 57	11 45	4 3	23 4	1 10	11 19	2 17	23 56	0 26	12 4	1 30	10 15	15 30	18 41	18 39	16 35		n.a.
W 5	17 58	11 28	2 37	17 10	1 11	22 53	0 53	11 50	4 4	23 5	1 10	11 19	2 17	23 56	0 26	12 4	1 30	10 14	15 30	18 41	18 40	16 37		n.a.
T 6	17 42	7 11	3 37	16 26	1 2	22 56	0 49	11 56	4 5	23 7	1 10	11 20	2 17	23 55	0 26	12 3	1 30	10 14	15 30	18 41	18 41	16 38		n.a.
F 7	17 25	2 42	4 23	15 40	0 54	22 58	0 46	12 2	4 6	23 8	1 10	11 20	2 17	23 55	0 26	12 2	1 30	10 13	15 30	18 41	18 41	16 40		n.a.
S 8	17 8	1n48	4 55	14 53	0 44	23 0	0 42	12 8	4 7	23 9	1 10	11 20	2 17	23 55	0 26	12 1	1 30	10 12	15 29	18 41	18 42	16 42		n.a.
S 9	16 51	6 6	5 13	14 5	0 34	23 1	0 39	12 14	4 8	23 10	1 10	11 20	2 18	23 55	0 26	12 0	1 30	10 12	15 29	18 41	18 43	16 43		n.a.
M10	16 33	10 5	5 17	13 15	0 24	23 2	0 35	12 21	4 8	23 11	1 10	11 20	2 18	23 55	0 26	12 0	1 30	10 11	15 29	18 41	18 44	16 45		n.a.
T 11	16 15	13 38	5 7	12 25	0 13	23 1	0 31	12 27	4 9	23 12	1 10	11 20	2 18	23 55	0 26	11 59	1 30	10 11	15 28	18 41	18 45	16 47		n.a.
W12	15 57	16 37	4 43	11 35	0 1	23 1	0 28	12 34	4 10	23 13	1 10	11 21	2 18	23 54	0 27	11 58	1 30	10 10	15 28	18 41	18 45	16 48		n.a.
T 13	15 39	18 54	4 8	10 44	0n11	22 59	0 24	12 41	4 10	23 14	1 10	11 21	2 18	23 54	0 27	11 57	1 30	10 10	15 28	18 41	18 46	16 50		n.a.
F 14	15 20	20 23	3 22	9 53	0 24	22 57	0 21	12 48	4 11	23 15	1 10	11 21	2 19	23 54	0 27	11 56	1 30	10 9	15 28	18 41	18 47	16 51		n.a.
S 15	15 1	20 57	2 26	9 3	0 36	22 54	0 17	12 55	4 11	23 16	1 10	11 21	2 19	23 54	0 27	11 56	1 30	10 8	15 27	18 41	18 48	16 53		n.a.
S 16	14 42	20 32	1 23	8 14	0 49	22 50	0 14	13 3	4 11	23 17	1 10	11 20	2 19	23 54	0 27	11 55	1 30	10 8	15 27	18 40	18 49	16 55		n.a.
M17	14 23	19 5	0 14	7 25	1 2	22 46	0 10	13 10	4 11	23 18	1 10	11 20	2 19	23 54	0 27	11 54	1 30	10 7	15 27	18 40	18 50	16 56		n.a.
T 18	14 3	16 39	0n56	6 38	1 15	22 41	0 7	13 18	4 12	23 19	1 10	11 20	2 19	23 53	0 27	11 53	1 30	10 7	15 26	18 40	18 50	16 58		n.a.
W19	13 43	13 19	2 5	5 53	1 29	22 36	0 4	13 25	4 11	23 20	1 10	11 20	2 19	23 53	0 27	11 52	1 30	10 6	15 26	18 40	18 51	16 59		n.a.
T 20	13 23	9 14	3 9	5 10	1 41	22 30	0 0	13 33	4 11	23 20	1 10	11 20	2 20	23 53	0 27	11 51	1 30	10 5	15 26	18 41	18 52	17 1		n.a.
F 21	13 3	4 38	4 3	4 29	1 54	22 23	0s 3	13 41	4 11	23 21	1 10	11 20	2 20	23 53	0 27	11 51	1 30	10 5	15 26	18 42	18 53	17 3		n.a.
S 22	12 43	0s16	4 44	3 50	2 6	22 15	0 6	13 48	4 11	23 22	1 10	11 19	2 20	23 53	0 27	11 50	1 30	10 4	15 25	18 42	18 54	17 4		n.a.
S 23	12 22	5 12	5 8	3 14	2 18	22 7	0 10	13 56	4 10	23 23	1 9	11 19	2 20	23 53	0 27	11 49	1 30	10 3	15 25	18 43	18 54	17 6		n.a.
M24	12 1	9 54	5 15	2 41	2 30	21 58	0 13	14 4	4 10	23 23	1 9	11 19	2 20	23 52	0 27	11 48	1 30	10 3	15 25	18 43	18 55	17 7		n.a.
T 25	11 40	14 5	5 2	2 12	2 40	21 49	0 16	14 12	4 9	23 24	1 9	11 19	2 21	23 52	0 27	11 47	1 30	10 2	15 25	18 44	18 56	17 9		n.a.
W26	11 19	17 28	4 31	1 46	2 50	21 39	0 19	14 20	4 9	23 25	1 9	11 18	2 21	23 52	0 27	11 47	1 30	10 2	15 25	18 44	18 57	17 11		n.a.
T 27	10 58	19 49	3 43	1 23	2 59	21 28	0 22	14 27	4 8	23 25	1 9	11 18	2 21	23 52	0 27	11 46	1 30	10 1	15 24	18 43	18 58	17 12		n.a.
F 28	10s37	20s55	2n42	1s 4	3n 7	21s17	0s25	14n35	4n 7	23n26	1n 9	11s17	2n21	23s52	0s27	11s45	1s30	10s 0	15s24	18n43	18n58	17n14		n.a.

Julian Day Number = 1499747.5, Delta T = 05h07m52s
Ecliptic obliquity = 23°46'01, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'20, Lahiri = -12°20'19 Julian Calendar 1 Feb. 607 BCE == Greg. Calendar 25 Jan. 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

MARCH 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 7 6	3♓48'04	20♑21	20♓33	29♑ 5	2°R 3	19°R42	5°R24	9♑38	3♓33	10♈18	7♌15	6♌10	6♊14	n.a.	S 1
S 2	10 11 3	4°47'02	4♒20	20°48	0♒17	1♍40	19♋38	5♏23	9°40	3°35	10°19	7°R16	6° 7	6°21	n.a.	S 2
M 3	10 14 59	5°45'58	18°10	20°56	1°29	1°17	19°34	5°21	9°42	3°37	10°20	7°15	6° 4	6°28	n.a.	M 3
T 4	10 18 56	6°44'52	1♓48	20°R57	2°41	0°54	19°31	5°20	9°45	3°39	10°21	7°13	6° 1	6°34	n.a.	T 4
W 5	10 22 52	7°43'44	15°12	20°51	3°53	0°31	19°27	5°19	9°47	3°42	10°22	7°10	5°58	6°41	n.a.	W 5
T 6	10 26 49	8°42'34	28°19	20°39	5° 6	0° 8	19°24	5°18	9°49	3°44	10°24	7° 5	5°54	6°48	n.a.	T 6
F 7	10 30 46	9°41'22	11♈ 9	20°20	6°18	29♌45	19°21	5°16	9°51	3°46	10°25	7° 0	5°51	6°54	n.a.	F 7
S 8	10 34 42	10°40'07	23°43	19°57	7°30	29°23	19°18	5°14	9°53	3°48	10°26	6°54	5°48	7° 1	n.a.	S 8
S 9	10 38 39	11°38'50	6♉ 1	19°28	8°42	29° 1	19°16	5°13	9°55	3°51	10°27	6°49	5°45	7° 8	n.a.	S 9
M10	10 42 35	12°37'31	18° 7	18°55	9°54	28°39	19°13	5°11	9°57	3°53	10°28	6°45	5°42	7°15	n.a.	M10
T 11	10 46 32	13°36'10	0♊ 3	18°18	11° 6	28°18	19°11	5° 9	9°59	3°55	10°30	6°42	5°38	7°21	n.a.	T 11
W12	10 50 28	14°34'46	11°55	17°38	12°18	27°57	19° 9	5° 7	10° 1	3°57	10°31	6°D41	5°35	7°28	n.a.	W12
T 13	10 54 25	15°33'20	23°47	16°56	13°31	27°37	19° 7	5° 5	10° 3	4° 0	10°32	6°41	5°32	7°35	n.a.	T 13
F 14	10 58 21	16°31'52	5♋45	16°13	14°43	27°17	19° 5	5° 3	10° 5	4° 2	10°33	6°43	5°29	7°41	n.a.	F 14
S 15	11 2 18	17°30'21	17°52	15°29	15°55	26°58	19° 4	5° 1	10° 7	4° 4	10°35	6°44	5°26	7°48	n.a.	S 15
S 16	11 6 14	18°28'48	0♌14	14°45	17° 7	26°39	19° 2	4°59	10° 9	4° 6	10°36	6°45	5°23	7°55	n.a.	S 16
M17	11 10 11	19°27'13	12°54	14° 3	18°20	26°20	19° 1	4°56	10°10	4° 9	10°37	6°R45	5°19	8° 1	n.a.	M17
T 18	11 14 8	20°25'36	25°55	13°22	19°32	26° 3	19° 0	4°54	10°12	4°11	10°38	6°44	5°16	8° 8	n.a.	T 18
W19	11 18 4	21°23'57	9♍19	12°44	20°44	25°46	19° 0	4°51	10°14	4°13	10°40	6°40	5°13	8°15	n.a.	W19
T 20	11 22 1	22°22'15	23° 3	12° 9	21°56	25°29	18°59	4°49	10°15	4°15	10°41	6°35	5°10	8°22	n.a.	T 20
F 21	11 25 57	23°20'32	7♎ 6	11°37	23° 9	25°13	18°59	4°46	10°17	4°17	10°42	6°28	5° 7	8°28	n.a.	F 21
S 22	11 29 54	24°18'46	21°22	11°10	24°21	24°58	18°58	4°43	10°19	4°19	10°44	6°20	5° 4	8°35	n.a.	S 22
S 23	11 33 50	25°16'59	5♏47	10°47	25°34	24°44	18°D58	4°41	10°20	4°22	10°45	6°13	5° 0	8°42	n.a.	S 23
M24	11 37 47	26°15'11	20°14	10°28	26°46	24°30	18°59	4°38	10°21	4°24	10°46	6° 7	4°57	8°48	n.a.	M24
T 25	11 41 43	27°13'21	4♐38	10°14	27°58	24°18	18°59	4°35	10°23	4°26	10°48	6° 3	4°54	8°55	n.a.	T 25
W26	11 45 40	28°11'29	18°55	10° 5	29°11	24° 5	18°59	4°32	10°24	4°28	10°49	6° 0	4°51	9° 2	n.a.	W26
T 27	11 49 37	29° 9'36	3♑ 3	10°D 1	0♓23	23°54	19° 0	4°29	10°25	4°30	10°50	6°D 0	4°48	9° 8	n.a.	T 27
F 28	11 53 33	0♈ 7'41	17° 0	10° 2	1°36	23°43	19° 1	4°25	10°27	4°32	10°52	6° 1	4°44	9°15	n.a.	F 28
S 29	11 57 30	1° 5'45	0♒46	10° 7	2°48	23°34	19° 2	4°22	10°28	4°34	10°53	6°R 2	4°41	9°22	n.a.	S 29
S 30	12 1 26	2° 3'47	14°22	10°18	4° 1	23°25	19° 3	4°19	10°29	4°36	10°54	6° 1	4°38	9°29	n.a.	S 30
M31	12 5 23	3♈ 1'48	27♒46	10♓33	5♓13	23♌16	19♋ 5	4♏15	10♑30	4♓38	10♈56	5♌59	4♌35	9♊35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s15	20s42	1n32	0s49	3n14	21s 5	0s28	14n42	4n 6	23n26	1n 9	11s17	2n21	23s52	0s27	11s44	1s30	10s 0	15s24	18n43	18n59	17n15		n.a.
S 2	9 53	19 11	0 16	0 38	3 20	20 52	0 31	14 50	4 5	23 27	1 9	11 16	2 21	23 51	0 27	11 43	1 30	9 59	15 24	18 43	19 0	17 17		n.a.
M 3	9 31	16 32	0s59	0 31	3 25	20 39	0 34	14 57	4 3	23 27	1 9	11 16	2 22	23 51	0 27	11 42	1 30	9 58	15 23	18 43	19 1	17 18		n.a.
T 4	9 9	13 0	2 10	0 28	3 28	20 25	0 37	15 4	4 2	23 28	1 9	11 15	2 22	23 51	0 27	11 42	1 30	9 58	15 23	18 43	19 2	17 20		n.a.
W 5	8 47	8 52	3 13	0 28	3 30	20 11	0 40	15 11	4 1	23 28	1 9	11 15	2 22	23 51	0 27	11 41	1 30	9 57	15 23	18 44	19 2	17 22		n.a.
T 6	8 25	4 23	4 3	0 33	3 30	19 56	0 42	15 18	3 59	23 29	1 9	11 14	2 22	23 51	0 27	11 40	1 30	9 57	15 23	18 45	19 3	17 23		n.a.
F 7	8 3	0n11	4 41	0 41	3 29	19 41	0 45	15 24	3 57	23 29	1 9	11 13	2 22	23 51	0 27	11 39	1 30	9 56	15 23	18 47	19 4	17 25		n.a.
S 8	7 40	4 38	5 3	0 53	3 26	19 25	0 47	15 31	3 56	23 29	1 9	11 13	2 22	23 51	0 27	11 38	1 30	9 55	15 23	18 48	19 5	17 26		n.a.
S 9	7 17	8 49	5 11	1 9	3 21	19 8	0 50	15 37	3 54	23 30	1 9	11 12	2 23	23 50	0 27	11 37	1 30	9 55	15 22	18 49	19 6	17 28		n.a.
M10	6 55	12 34	5 5	1 27	3 15	18 51	0 52	15 43	3 52	23 30	1 8	11 11	2 23	23 50	0 27	11 37	1 30	9 54	15 22	18 50	19 6	17 29		n.a.
T 11	6 32	15 47	4 46	1 49	3 8	18 33	0 55	15 49	3 50	23 30	1 8	11 10	2 23	23 50	0 27	11 36	1 30	9 53	15 22	18 51	19 7	17 31		n.a.
W12	6 9	18 19	4 15	2 13	2 59	18 15	0 57	15 54	3 48	23 30	1 8	11 10	2 23	23 50	0 27	11 35	1 30	9 53	15 22	18 51	19 8	17 32		n.a.
T 13	5 46	20 5	3 32	2 39	2 48	17 57	1 0	15 59	3 46	23 30	1 8	11 9	2 23	23 50	0 27	11 34	1 30	9 52	15 22	18 51	19 9	17 34		n.a.
F 14	5 23	20 58	2 41	3 7	2 36	17 38	1 2	16 4	3 43	23 31	1 8	11 8	2 23	23 50	0 27	11 33	1 30	9 51	15 22	18 51	19 9	17 36		n.a.
S 15	5 0	20 53	1 41	3 36	2 23	17 18	1 4	16 9	3 41	23 31	1 8	11 7	2 24	23 50	0 27	11 33	1 30	9 51	15 21	18 51	19 10	17 37		n.a.
S 16	4 37	19 48	0 35	4 6	2 10	16 58	1 6	16 13	3 39	23 31	1 8	11 6	2 24	23 50	0 27	11 32	1 30	9 50	15 21	18 50	19 11	17 39		n.a.
M17	4 14	17 42	0n33	4 36	1 55	16 37	1 8	16 17	3 36	23 31	1 8	11 5	2 24	23 50	0 27	11 31	1 30	9 50	15 21	18 50	19 12	17 40		n.a.
T 18	3 51	14 39	1 42	5 6	1 39	16 16	1 10	16 21	3 34	23 31	1 8	11 4	2 24	23 49	0 27	11 30	1 30	9 49	15 21	18 51	19 13	17 42		n.a.
W19	3 27	10 45	2 47	5 35	1 23	15 55	1 12	16 25	3 31	23 31	1 8	11 3	2 24	23 49	0 27	11 29	1 30	9 48	15 21	18 52	19 13	17 43		n.a.
T 20	3 4	6 12	3 44	6 4	1 7	15 33	1 14	16 28	3 29	23 31	1 8	11 2	2 24	23 49	0 27	11 29	1 30	9 48	15 21	18 53	19 14	17 45		n.a.
F 21	2 41	1 15	4 28	6 31	0 51	15 11	1 16	16 31	3 26	23 31	1 7	11 1	2 24	23 49	0 27	11 28	1 30	9 47	15 21	18 55	19 15	17 46		n.a.
S 22	2 17	3s52	4 57	6 57	0 34	14 48	1 17	16 34	3 23	23 31	1 7	11 0	2 25	23 49	0 27	11 27	1 30	9 47	15 20	18 57	19 16	17 48		n.a.
S 23	1 54	8 48	5 7	7 21	0 18	14 25	1 19	16 36	3 21	23 31	1 7	10 59	2 25	23 49	0 27	11 26	1 30	9 46	15 20	18 59	19 17	17 49		n.a.
M24	1 31	13 16	4 58	7 43	0 2	14 1	1 20	16 38	3 18	23 31	1 7	10 58	2 25	23 49	0 28	11 25	1 30	9 45	15 20	19 0	19 17	17 51		n.a.
T 25	1 7	16 56	4 30	8 2	0s13	13 37	1 22	16 40	3 15	23 30	1 7	10 57	2 25	23 49	0 28	11 25	1 30	9 45	15 20	19 1	19 18	17 52		n.a.
W26	0 44	19 33	3 46	8 20	0 28	13 13	1 23	16 41	3 12	23 30	1 7	10 56	2 25	23 49	0 28	11 24	1 30	9 44	15 20	19 2	19 19	17 54		n.a.
T 27	0 20	20 56	2 48	8 35	0 43	12 48	1 25	16 42	3 9	23 30	1 7	10 55	2 25	23 49	0 28	11 23	1 30	9 44	15 20	19 2	19 20	17 55		n.a.
F 28	0n 3	21 1	1 40	8 47	0 57	12 23	1 26	16 43	3 7	23 30	1 7	10 54	2 25	23 49	0 28	11 22	1 30	9 43	15 20	19 2	19 20	17 57		n.a.
S 29	0 26	19 48	0 28	8 57	1 10	11 58	1 27	16 44	3 4	23 30	1 7	10 52	2 25	23 48	0 28	11 22	1 30	9 42	15 20	19 1	19 21	17 58		n.a.
S 30	0 50	17 27	0s45	9 5	1 23	11 32	1 28	16 44	3 1	23 29	1 7	10 51	2 25	23 48	0 28	11 21	1 30	9 42	15 20	19 1	19 22	18 0		n.a.
M31	1n13	14s11	1s54	9s10	1s34	11s 6	1s29	16n44	2n58	23n29	1n 6	10s50	2n26	23s48	0s28	11s20	1s30	9s41	15s20	19n 2	19n23	18n 1		n.a.

Julian Day Number = 1499775.5, Delta T = 05h07m51s
Ecliptic obliquity = 23°46'01, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'16, Lahiri = -12°20'15 Julian Calendar 1 March 607 BCE == Greg. Calendar 22 Feb. 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

APRIL 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 9 19	3♈59'47	11♓ 0	10♓52	6♓26	23°R 9	19♋ 6	4°R12	10♑31	4♓40	10♈57	5°R55	4♌32	9♊42	n.a.	T 1
W 2	12 13 16	4°57'44	24° 2	11°16	7°38	23♌ 2	19° 8	4♏ 8	10°32	4°42	10°58	5♌48	4°29	9°49	n.a.	W 2
T 3	12 17 12	5°55'40	6♈52	11°45	8°51	22°57	19°10	4° 5	10°33	4°44	11° 0	5°38	4°25	9°55	n.a.	T 3
F 4	12 21 9	6°53'34	19°29	12°17	10° 3	22°52	19°12	4° 1	10°34	4°46	11° 1	5°28	4°22	10° 2	n.a.	F 4
S 5	12 25 5	7°51'26	1♉54	12°54	11°16	22°47	19°15	3°58	10°35	4°48	11° 2	5°16	4°19	10° 9	n.a.	S 5
S 6	12 29 2	8°49'17	14° 7	13°34	12°28	22°44	19°17	3°54	10°36	4°50	11° 4	5° 6	4°16	10°15	n.a.	S 6
M 7	12 32 59	9°47'06	26° 9	14°18	13°41	22°42	19°20	3°50	10°37	4°52	11° 5	4°56	4°13	10°22	n.a.	M 7
T 8	12 36 55	10°44'53	8♊ 4	15° 6	14°53	22°40	19°23	3°46	10°37	4°54	11° 7	4°49	4°10	10°29	n.a.	T 8
W 9	12 40 52	11°42'39	19°54	15°57	16° 6	22°39	19°26	3°42	10°38	4°56	11° 8	4°45	4° 6	10°36	n.a.	W 9
T 10	12 44 48	12°40'23	1♋44	16°51	17°19	22°D39	19°29	3°38	10°39	4°58	11° 9	4°42	4° 3	10°42	n.a.	T 10
F 11	12 48 45	13°38'05	13°40	17°48	18°31	22°39	19°32	3°34	10°39	5° 0	11°11	4°D42	4° 0	10°49	n.a.	F 11
S 12	12 52 41	14°35'45	25°46	18°49	19°44	22°41	19°36	3°30	10°40	5° 2	11°12	4°42	3°57	10°56	n.a.	S 12
S 13	12 56 38	15°33'24	8♌ 7	19°53	20°57	22°43	19°39	3°26	10°40	5° 4	11°13	4°R42	3°54	11° 2	n.a.	S 13
M14	13 0 34	16°31'00	20°49	20°59	22° 9	22°46	19°43	3°22	10°41	5° 5	11°15	4°41	3°50	11° 9	n.a.	M14
T 15	13 4 31	17°28'36	3♍56	22° 8	23°22	22°49	19°47	3°18	10°41	5° 7	11°16	4°38	3°47	11°16	n.a.	T 15
W16	13 8 28	18°26'09	17°29	23°20	24°35	22°54	19°52	3°14	10°41	5° 9	11°17	4°33	3°44	11°22	n.a.	W16
T 17	13 12 24	19°23'41	1♎28	24°35	25°47	22°59	19°56	3°10	10°41	5°11	11°19	4°25	3°41	11°29	n.a.	T 17
F 18	13 16 21	20°21'12	15°51	25°53	27° 0	23° 5	20° 0	3° 6	10°42	5°12	11°20	4°15	3°38	11°36	n.a.	F 18
S 19	13 20 17	21°18'41	0♏31	27°13	28°13	23°11	20° 5	3° 1	10°42	5°14	11°21	4° 4	3°35	11°42	n.a.	S 19
S 20	13 24 14	22°16'10	15°22	28°35	29°25	23°18	20°10	2°57	10°42	5°16	11°23	3°53	3°31	11°49	n.a.	S 20
M21	13 28 10	23°13'37	0♐13	0♈ 0	0♈38	23°26	20°15	2°53	10°42	5°18	11°24	3°44	3°28	11°56	n.a.	M21
T 22	13 32 7	24°11'03	14°58	1°28	1°51	23°35	20°20	2°48	10°R42	5°19	11°25	3°38	3°25	12° 3	n.a.	T 22
W23	13 36 3	25° 8'28	29°30	2°58	3° 4	23°44	20°25	2°44	10°42	5°21	11°27	3°34	3°22	12° 9	n.a.	W23
T 24	13 40 0	26° 5'53	13♑45	4°30	4°16	23°53	20°31	2°40	10°42	5°22	11°28	3°32	3°19	12°16	n.a.	T 24
F 25	13 43 57	27° 3'17	27°41	6° 5	5°29	24° 4	20°36	2°35	10°42	5°24	11°29	3°32	3°15	12°23	n.a.	F 25
S 26	13 47 53	28° 0'39	11♒20	7°42	6°42	24°15	20°42	2°31	10°42	5°26	11°31	3°32	3°12	12°29	n.a.	S 26
S 27	13 51 50	28°58'02	24°42	9°22	7°55	24°27	20°48	2°27	10°42	5°27	11°32	3°31	3° 9	12°36	n.a.	S 27
M28	13 55 46	29°55'23	7♓49	11° 4	9° 8	24°39	20°54	2°22	10°41	5°29	11°33	3°27	3° 6	12°43	n.a.	M28
T 29	13 59 43	0♉52'43	20°43	12°48	10°20	24°52	21° 0	2°18	10°41	5°30	11°35	3°21	3° 3	12°49	n.a.	T 29
W30	14 3 39	1♉50'03	3♈26	14♈35	11♈33	25♌ 5	21♋ 6	2♏13	10♑41	5♓31	11♈36	3♌13	3♌ 0	12♊56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n37	10s14	2s56	9s13	1s45	10s40	1s30	16n44	2n55	23n29	1n 6	10s49	2n26	23s48	0s28	11s19	1s30	9s41	15s20	19n 3	19n23	18n 3		n.a.
W 2	2 0	5 52	3 47	9 13	1 56	10 14	1 31	16 44	2 52	23 28	1 6	10 47	2 26	23 48	0 28	11 19	1 30	9 40	15 20	19 5	19 24	18 4		n.a.
T 3	2 23	1 18	4 26	9 10	2 5	9 47	1 32	16 43	2 49	23 28	1 6	10 46	2 26	23 48	0 28	11 18	1 30	9 39	15 20	19 7	19 25	18 6		n.a.
F 4	2 46	3n14	4 52	9 6	2 14	9 20	1 33	16 42	2 46	23 27	1 6	10 45	2 26	23 48	0 28	11 17	1 30	9 39	15 19	19 10	19 26	18 7		n.a.
S 5	3 9	7 34	5 3	8 59	2 22	8 53	1 33	16 40	2 43	23 27	1 6	10 43	2 26	23 48	0 28	11 17	1 30	9 38	15 19	19 13	19 27	18 9		n.a.
S 6	3 33	11 32	5 0	8 50	2 29	8 25	1 34	16 39	2 40	23 27	1 6	10 42	2 26	23 48	0 28	11 16	1 30	9 38	15 19	19 15	19 27	18 10		n.a.
M 7	3 56	14 58	4 43	8 38	2 35	7 57	1 35	16 37	2 37	23 26	1 6	10 41	2 26	23 48	0 28	11 15	1 30	9 37	15 19	19 17	19 28	18 12		n.a.
T 8	4 19	17 46	4 14	8 25	2 41	7 29	1 35	16 35	2 35	23 26	1 6	10 39	2 26	23 48	0 28	11 15	1 31	9 37	15 19	19 19	19 29	18 13		n.a.
W 9	4 42	19 48	3 35	8 9	2 45	7 1	1 35	16 32	2 32	23 25	1 5	10 38	2 26	23 48	0 28	11 14	1 31	9 36	15 19	19 20	19 30	18 15		n.a.
T 10	5 4	20 59	2 46	7 51	2 49	6 33	1 36	16 30	2 29	23 24	1 5	10 37	2 26	23 48	0 28	11 13	1 31	9 36	15 19	19 21	19 30	18 16		n.a.
F 11	5 27	21 14	1 50	7 32	2 53	6 4	1 36	16 27	2 26	23 24	1 5	10 35	2 26	23 48	0 28	11 13	1 31	9 35	15 19	19 21	19 31	18 17		n.a.
S 12	5 50	20 30	0 47	7 10	2 55	5 35	1 36	16 24	2 23	23 23	1 5	10 34	2 26	23 48	0 28	11 12	1 31	9 34	15 19	19 21	19 32	18 19		n.a.
S 13	6 12	18 47	0n18	6 46	2 57	5 6	1 36	16 20	2 20	23 23	1 5	10 32	2 26	23 48	0 28	11 11	1 31	9 34	15 19	19 21	19 33	18 20		n.a.
M14	6 35	16 5	1 25	6 21	2 58	4 37	1 36	16 17	2 17	23 22	1 5	10 31	2 26	23 48	0 28	11 11	1 31	9 33	15 19	19 21	19 33	18 22		n.a.
T 15	6 57	12 30	2 29	5 54	2 59	4 8	1 36	16 13	2 15	23 21	1 5	10 30	2 26	23 48	0 28	11 10	1 31	9 33	15 19	19 22	19 34	18 23		n.a.
W16	7 19	8 10	3 26	5 24	2 59	3 39	1 36	16 9	2 12	23 20	1 5	10 28	2 26	23 48	0 28	11 9	1 31	9 32	15 19	19 23	19 35	18 25		n.a.
T 17	7 41	3 16	4 13	4 54	2 58	3 10	1 36	16 4	2 9	23 20	1 5	10 27	2 26	23 48	0 28	11 9	1 31	9 32	15 19	19 25	19 36	18 26		n.a.
F 18	8 3	1s56	4 46	4 21	2 56	2 40	1 36	16 0	2 6	23 19	1 4	10 25	2 27	23 48	0 28	11 8	1 31	9 31	15 19	19 28	19 36	18 28		n.a.
S 19	8 25	7 7	5 1	3 47	2 54	2 11	1 35	15 55	2 4	23 18	1 4	10 24	2 27	23 48	0 28	11 8	1 31	9 31	15 19	19 30	19 37	18 29		n.a.
S 20	8 47	11 58	4 55	3 11	2 51	1 41	1 35	15 50	2 1	23 17	1 4	10 22	2 27	23 48	0 28	11 7	1 31	9 30	15 19	19 33	19 38	18 30		n.a.
M21	9 9	16 5	4 30	2 34	2 48	1 11	1 34	15 45	1 58	23 16	1 4	10 21	2 27	23 48	0 28	11 6	1 31	9 30	15 19	19 35	19 39	18 32		n.a.
T 22	9 30	19 9	3 47	1 55	2 44	0 41	1 34	15 40	1 56	23 15	1 4	10 19	2 27	23 48	0 28	11 6	1 31	9 29	15 19	19 36	19 39	18 33		n.a.
W23	9 52	20 56	2 50	1 14	2 39	0 11	1 33	15 34	1 53	23 15	1 4	10 18	2 27	23 48	0 28	11 5	1 31	9 29	15 19	19 37	19 40	18 35		n.a.
T 24	10 13	21 21	1 43	0 33	2 34	0n18	1 33	15 28	1 51	23 14	1 4	10 16	2 27	23 48	0 28	11 5	1 31	9 28	15 20	19 38	19 41	18 36		n.a.
F 25	10 34	20 24	0 31	0n11	2 29	0 48	1 32	15 23	1 48	23 13	1 4	10 15	2 27	23 48	0 29	11 4	1 31	9 28	15 20	19 38	19 42	18 38		n.a.
S 26	10 55	18 16	0s41	0 55	2 22	1 18	1 31	15 16	1 45	23 12	1 4	10 13	2 26	23 48	0 29	11 4	1 31	9 28	15 20	19 38	19 42	18 39		n.a.
S 27	11 15	15 11	1 49	1 41	2 15	1 48	1 30	15 10	1 43	23 11	1 3	10 12	2 26	23 48	0 29	11 3	1 31	9 27	15 20	19 38	19 43	18 40		n.a.
M28	11 36	11 23	2 51	2 29	2 8	2 18	1 29	15 4	1 40	23 10	1 3	10 10	2 26	23 48	0 29	11 3	1 31	9 27	15 20	19 39	19 44	18 42		n.a.
T 29	11 56	7 7	3 42	3 17	2 0	2 48	1 28	14 57	1 38	23 9	1 3	10 9	2 26	23 48	0 29	11 2	1 31	9 26	15 20	19 40	19 45	18 43		n.a.
W30	12n16	2s36	4s21	4n 6	1s52	3n18	1s27	14n50	1n36	23n 7	1n 3	10s 7	2n26	23s48	0s29	11s 2	1s31	9s26	15s20	19n42	19n45	18n45		n.a.

Julian Day Number = 1499806.5, Delta T = 05h07m50s
Ecliptic obliquity = 23°46'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'12, Lahiri = -12°20'11 Julian Calendar 1 Apr. 607 BCE == Greg. Calendar 25 March 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

MAY 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 7 36	2♉47'22	15♈58	16♈24	12♈46	25♌19	21♋13	2°R 9	10°R40	5♓33	11♈37	3°R 1	2♌56	13♊ 3	n.a.	T 1
F 2	14 11 32	3°44'40	28°20	18°16	13°59	25°34	21°19	2♏ 5	10♑40	5°34	11°39	2♌48	2°53	13° 9	n.a.	F 2
S 3	14 15 29	4°41'57	10♉33	20° 9	15°12	25°49	21°26	2° 0	10°39	5°36	11°40	2°35	2°50	13°16	n.a.	S 3
S 4	14 19 26	5°39'14	22°37	22° 5	16°25	26° 4	21°33	1°56	10°39	5°37	11°41	2°22	2°47	13°23	n.a.	S 4
M 5	14 23 22	6°36'29	4♊34	24° 4	17°38	26°21	21°40	1°51	10°38	5°38	11°42	2°10	2°44	13°30	n.a.	M 5
T 6	14 27 19	7°33'44	16°25	26° 4	18°51	26°37	21°47	1°47	10°37	5°40	11°44	2° 1	2°41	13°36	n.a.	T 6
W 7	14 31 15	8°30'58	28°14	28° 6	20° 4	26°55	21°54	1°43	10°37	5°41	11°45	1°54	2°37	13°43	n.a.	W 7
T 8	14 35 12	9°28'11	10♋ 3	0♉10	21°17	27°12	22° 2	1°38	10°36	5°42	11°46	1°51	2°34	13°50	n.a.	T 8
F 9	14 39 8	10°25'23	21°57	2°16	22°30	27°31	22° 9	1°34	10°35	5°43	11°47	1°49	2°31	13°56	n.a.	F 9
S 10	14 43 5	11°22'34	4♌ 1	4°23	23°43	27°49	22°17	1°30	10°34	5°45	11°48	1°D49	2°28	14° 3	n.a.	S 10
S 11	14 47 1	12°19'45	16°21	6°32	24°56	28° 8	22°25	1°25	10°34	5°46	11°50	1°R49	2°25	14°10	n.a.	S 11
M12	14 50 58	13°16'54	29° 1	8°42	26° 9	28°28	22°33	1°21	10°33	5°47	11°51	1°48	2°21	14°16	n.a.	M12
T 13	14 54 55	14°14'03	12♍ 5	10°52	27°22	28°48	22°41	1°17	10°32	5°48	11°52	1°46	2°18	14°23	n.a.	T 13
W14	14 58 51	15°11'11	25°39	13° 3	28°35	29° 9	22°49	1°13	10°31	5°49	11°53	1°41	2°15	14°30	n.a.	W14
T 15	15 2 48	16° 8'18	9♎41	15°15	29°48	29°30	22°57	1° 8	10°30	5°50	11°54	1°33	2°12	14°36	n.a.	T 15
F 16	15 6 44	17° 5'24	24°11	17°26	1♏ 1	29°51	23° 5	1° 4	10°29	5°51	11°56	1°24	2° 9	14°43	n.a.	F 16
S 17	15 10 41	18° 2'30	9♏ 4	19°37	2°14	0♍13	23°14	1° 0	10°27	5°52	11°57	1°14	2° 6	14°50	n.a.	S 17
S 18	15 14 37	18°59'36	24°11	21°48	3°27	0°35	23°22	0°56	10°26	5°53	11°58	1° 4	2° 2	14°57	n.a.	S 18
M19	15 18 34	19°56'41	9♐22	23°58	4°40	0°58	23°31	0°52	10°25	5°54	11°59	0°55	1°59	15° 3	n.a.	M19
T 20	15 22 30	20°53'46	24°26	26° 7	5°54	1°21	23°40	0°48	10°24	5°55	12° 0	0°49	1°56	15°10	n.a.	T 20
W21	15 26 27	21°50'51	9♑15	28°15	7° 7	1°44	23°49	0°44	10°22	5°56	12° 1	0°45	1°53	15°17	n.a.	W21
T 22	15 30 24	22°47'57	23°44	0♊21	8°20	2° 8	23°58	0°40	10°21	5°56	12° 2	0°44	1°50	15°23	n.a.	T 22
F 23	15 34 20	23°45'02	7♒48	2°26	9°33	2°32	24° 7	0°36	10°20	5°57	12° 3	0°D44	1°47	15°30	n.a.	F 23
S 24	15 38 17	24°42'07	21°30	4°29	10°46	2°57	24°16	0°32	10°18	5°58	12° 4	0°R44	1°43	15°37	n.a.	S 24
S 25	15 42 13	25°39'12	4♓49	6°31	12° 0	3°21	24°25	0°29	10°17	5°59	12° 5	0°44	1°40	15°43	n.a.	S 25
M26	15 46 10	26°36'18	17°49	8°31	13°13	3°47	24°35	0°25	10°15	5°59	12° 6	0°42	1°37	15°50	n.a.	M26
T 27	15 50 6	27°33'24	0♈32	10°29	14°26	4°12	24°44	0°21	10°14	6° 0	12° 7	0°37	1°34	15°57	n.a.	T 27
W28	15 54 3	28°30'30	13° 2	12°24	15°39	4°38	24°54	0°18	10°12	6° 1	12° 8	0°31	1°31	16° 3	n.a.	W28
T 29	15 58 0	29°27'36	25°20	14°18	16°53	5° 4	25° 3	0°14	10°11	6° 1	12° 9	0°22	1°27	16°10	n.a.	T 29
F 30	16 1 56	0♊24'42	7♉30	16°10	18° 6	5°31	25°13	0°11	10° 9	6° 2	12°10	0°11	1°24	16°17	n.a.	F 30
S 31	16 5 53	1♊21'49	19♉32	18♊ 0	19♉19	5♍58	25♋23	0♏ 7	10♑ 7	6♓ 2	12♈11	0♌ 0	1♌21	16♊23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n36	1n58	4s47	4n57	1s43	3n47	1s26	14n43	1n33	23n 6	1n 3	10s 6	2n26	23s48	0s29	11s 1	1s32	9s25	15s20	19n45	19n46	18n46		n.a.
F 2	12 56	6 23	4 59	5 48	1 34	4 17	1 25	14 36	1 31	23 5	1 3	10 4	2 26	23 49	0 29	11 1	1 32	9 25	15 20	19 48	19 47	18 47		n.a.
S 3	13 16	10 29	4 57	6 41	1 25	4 47	1 24	14 28	1 28	23 4	1 3	10 3	2 26	23 49	0 29	11 0	1 32	9 25	15 20	19 51	19 48	18 49		n.a.
S 4	13 35	14 8	4 42	7 34	1 15	5 16	1 23	14 21	1 26	23 3	1 3	10 1	2 26	23 49	0 29	11 0	1 32	9 24	15 20	19 54	19 48	18 50		n.a.
M 5	13 54	17 11	4 14	8 27	1 5	5 46	1 21	14 13	1 24	23 2	1 3	10 0	2 26	23 49	0 29	10 59	1 32	9 24	15 20	19 57	19 49	18 52		n.a.
T 6	14 13	19 29	3 36	9 21	0 54	6 15	1 20	14 5	1 21	23 0	1 3	9 59	2 26	23 49	0 29	10 59	1 32	9 23	15 21	19 59	19 50	18 53		n.a.
W 7	14 32	20 58	2 48	10 16	0 44	6 44	1 18	13 57	1 19	22 59	1 3	9 57	2 26	23 49	0 29	10 58	1 32	9 23	15 21	20 0	19 51	18 54		n.a.
T 8	14 51	21 31	1 53	11 10	0 33	7 13	1 17	13 49	1 17	22 58	1 2	9 56	2 26	23 49	0 29	10 58	1 32	9 23	15 21	20 1	19 51	18 56		n.a.
F 9	15 9	21 6	0 52	12 5	0 22	7 42	1 15	13 40	1 15	22 57	1 2	9 54	2 26	23 49	0 29	10 58	1 32	9 22	15 21	20 2	19 52	18 57		n.a.
S 10	15 27	19 42	0n12	12 59	0 11	8 11	1 14	13 32	1 13	22 55	1 2	9 53	2 26	23 49	0 29	10 57	1 32	9 22	15 21	20 2	19 53	18 58		n.a.
S 11	15 45	17 22	1 16	13 52	0 1	8 40	1 12	13 23	1 10	22 54	1 2	9 51	2 26	23 49	0 29	10 57	1 32	9 22	15 21	20 2	19 53	19 0		n.a.
M12	16 2	14 8	2 19	14 45	0n10	9 8	1 11	13 14	1 8	22 52	1 2	9 50	2 26	23 49	0 29	10 56	1 32	9 21	15 21	20 2	19 54	19 1		n.a.
T 13	16 20	10 8	3 16	15 37	0 21	9 36	1 9	13 5	1 6	22 51	1 2	9 49	2 25	23 50	0 29	10 56	1 32	9 21	15 21	20 2	19 55	19 2		n.a.
W14	16 37	5 29	4 5	16 28	0 31	10 4	1 7	12 56	1 4	22 50	1 2	9 47	2 25	23 50	0 29	10 56	1 32	9 21	15 22	20 4	19 56	19 4		n.a.
T 15	16 54	0 24	4 40	17 17	0 41	10 32	1 5	12 46	1 2	22 48	1 2	9 46	2 25	23 50	0 29	10 55	1 32	9 20	15 22	20 5	19 56	19 5		n.a.
F 16	17 10	4s52	4 59	18 4	0 50	11 0	1 3	12 37	1 0	22 47	1 2	9 45	2 25	23 50	0 29	10 55	1 32	9 20	15 22	20 7	19 57	19 7		n.a.
S 17	17 26	10 0	4 59	18 50	0 59	11 27	1 1	12 27	0 58	22 45	1 2	9 43	2 25	23 50	0 29	10 55	1 32	9 20	15 22	20 9	19 58	19 8		n.a.
S 18	17 42	14 35	4 38	19 33	1 8	11 54	0 59	12 17	0 56	22 43	1 2	9 42	2 25	23 50	0 29	10 54	1 32	9 19	15 22	20 12	19 59	19 9		n.a.
M19	17 58	18 15	3 57	20 14	1 16	12 21	0 58	12 7	0 54	22 42	1 2	9 41	2 25	23 50	0 29	10 54	1 32	9 19	15 22	20 14	19 59	19 11		n.a.
T 20	18 13	20 39	3 0	20 53	1 23	12 48	0 56	11 57	0 52	22 40	1 1	9 39	2 25	23 50	0 29	10 54	1 33	9 19	15 23	20 15	20 0	19 12		n.a.
W21	18 29	21 35	1 52	21 30	1 30	13 14	0 53	11 47	0 50	22 39	1 1	9 38	2 24	23 50	0 29	10 54	1 33	9 19	15 23	20 16	20 1	19 13		n.a.
T 22	18 43	21 2	0 37	22 4	1 36	13 40	0 51	11 36	0 48	22 37	1 1	9 37	2 24	23 51	0 29	10 53	1 33	9 18	15 23	20 16	20 1	19 15		n.a.
F 23	18 58	19 10	0s38	22 35	1 41	14 6	0 49	11 26	0 46	22 35	1 1	9 36	2 24	23 51	0 29	10 53	1 33	9 18	15 23	20 16	20 2	19 16		n.a.
S 24	19 12	16 14	1 48	23 4	1 46	14 31	0 47	11 15	0 44	22 34	1 1	9 34	2 24	23 51	0 29	10 53	1 33	9 18	15 23	20 16	20 3	19 17		n.a.
S 25	19 26	12 31	2 51	23 30	1 50	14 56	0 45	11 4	0 43	22 32	1 1	9 33	2 24	23 51	0 29	10 53	1 33	9 18	15 23	20 16	20 4	19 18		n.a.
M26	19 40	8 18	3 43	23 53	1 53	15 20	0 43	10 53	0 41	22 30	1 1	9 32	2 24	23 51	0 29	10 52	1 33	9 17	15 24	20 17	20 4	19 20		n.a.
T 27	19 53	3 48	4 23	24 14	1 56	15 45	0 41	10 42	0 39	22 28	1 1	9 31	2 24	23 51	0 29	10 52	1 33	9 17	15 24	20 18	20 5	19 21		n.a.
W28	20 6	0n46	4 50	24 32	1 58	16 9	0 38	10 31	0 37	22 26	1 1	9 30	2 23	23 51	0 29	10 52	1 33	9 17	15 24	20 19	20 6	19 22		n.a.
T 29	20 19	5 14	5 3	24 48	1 59	16 32	0 36	10 20	0 35	22 25	1 1	9 29	2 23	23 52	0 29	10 52	1 33	9 17	15 24	20 21	20 6	19 24		n.a.
F 30	20 31	9 27	5 1	25 1	2 0	16 55	0 34	10 8	0 34	22 23	1 1	9 28	2 23	23 52	0 29	10 52	1 33	9 17	15 24	20 23	20 7	19 25		n.a.
S 31	20n43	13n15	4s47	25n12	2n 0	17n18	0s31	9n57	0n32	22n21	1n 1	9s26	2n23	23s52	0s30	10s52	1s33	9s17	15s25	20n26	20n 8	19n26		n.a.

Julian Day Number = 1499836.5, Delta T = 05h07m48s
Ecliptic obliquity = 23°46'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'08, Lahiri = -12°20'07 Julian Calendar 1 May 607 BCE == Greg. Calendar 24 Apr. 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

JUNE 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 9 49	2♊18'55	1♊28	19♊48	20♉33	6♍25	25♋33	0°R 4	10°R 6	6♓ 3	12♈12	29°R50	1♌18	16♊30	n.a.	S 1
M 2	16 13 46	3°16'02	13°19	21°34	21°46	6°53	25°43	0♏ 0	10♑ 4	6° 3	12°13	29♋40	1°15	16°37	n.a.	M 2
T 3	16 17 42	4°13'09	25° 8	23°18	23° 0	7°20	25°53	29♎57	10° 2	6° 4	12°14	29°33	1°12	16°44	n.a.	T 3
W 4	16 21 39	5°10'16	6♋57	24°59	24°13	7°49	26° 3	29°54	10° 0	6° 4	12°15	29°28	1° 8	16°50	n.a.	W 4
T 5	16 25 35	6° 7'24	18°47	26°39	25°27	8°17	26°14	29°51	9°59	6° 5	12°16	29°26	1° 5	16°57	n.a.	T 5
F 6	16 29 32	7° 4'31	0♌43	28°17	26°40	8°46	26°24	29°48	9°57	6° 5	12°17	29°D25	1° 2	17° 4	n.a.	F 6
S 7	16 33 29	8° 1'39	12°49	29°52	27°54	9°15	26°35	29°45	9°55	6° 5	12°18	29°26	0°59	17°10	n.a.	S 7
S 8	16 37 25	8°58'46	25° 8	1♋26	29° 7	9°44	26°45	29°42	9°53	6° 6	12°18	29°27	0°56	17°17	n.a.	S 8
M 9	16 41 22	9°55'54	7♍46	2°57	0♊21	10°14	26°56	29°39	9°51	6° 6	12°19	29°R27	0°52	17°24	n.a.	M 9
T 10	16 45 18	10°53'02	20°48	4°26	1°34	10°43	27° 7	29°36	9°49	6° 6	12°20	29°27	0°49	17°30	n.a.	T 10
W11	16 49 15	11°50'09	4♎16	5°54	2°48	11°13	27°17	29°33	9°47	6° 6	12°21	29°25	0°46	17°37	n.a.	W11
T 12	16 53 11	12°47'17	18°13	7°19	4° 1	11°44	27°28	29°31	9°45	6° 6	12°22	29°21	0°43	17°44	n.a.	T 12
F 13	16 57 8	13°44'26	2♏38	8°42	5°15	12°14	27°39	29°28	9°43	6° 7	12°22	29°15	0°40	17°50	n.a.	F 13
S 14	17 1 4	14°41'34	17°28	10° 2	6°29	12°45	27°50	29°26	9°41	6° 7	12°23	29° 9	0°37	17°57	n.a.	S 14
S 15	17 5 1	15°38'44	2♐36	11°21	7°42	13°16	28° 1	29°23	9°39	6° 7	12°24	29° 3	0°33	18° 4	n.a.	S 15
M16	17 8 58	16°35'53	17°52	12°37	8°56	13°48	28°12	29°21	9°36	6°R 7	12°24	28°57	0°30	18°10	n.a.	M16
T 17	17 12 54	17°33'04	3♑ 5	13°51	10°10	14°19	28°24	29°19	9°34	6° 7	12°25	28°53	0°27	18°17	n.a.	T 17
W18	17 16 51	18°30'15	18° 7	15° 2	11°23	14°51	28°35	29°17	9°32	6° 7	12°26	28°51	0°24	18°24	n.a.	W18
T 19	17 20 47	19°27'27	2♒48	16°11	12°37	15°23	28°46	29°15	9°30	6° 7	12°26	28°D51	0°21	18°30	n.a.	T 19
F 20	17 24 44	20°24'40	17° 5	17°17	13°51	15°55	28°58	29°13	9°28	6° 7	12°27	28°52	0°18	18°37	n.a.	F 20
S 21	17 28 40	21°21'54	0♓55	18°21	15° 5	16°28	29° 9	29°11	9°26	6° 6	12°28	28°53	0°14	18°44	n.a.	S 21
S 22	17 32 37	22°19'09	14°19	19°22	16°18	17° 1	29°21	29° 9	9°23	6° 6	12°28	28°54	0°11	18°50	n.a.	S 22
M23	17 36 34	23°16'25	27°20	20°20	17°32	17°33	29°32	29° 7	9°21	6° 6	12°29	28°R54	0° 8	18°57	n.a.	M23
T 24	17 40 30	24°13'43	10♈ 0	21°15	18°46	18° 7	29°44	29° 6	9°19	6° 6	12°29	28°53	0° 5	19° 4	n.a.	T 24
W25	17 44 27	25°11'01	22°24	22° 6	20° 0	18°40	29°56	29° 4	9°16	6° 5	12°30	28°50	0° 2	19°11	n.a.	W25
T 26	17 48 23	26° 8'21	4♉36	22°55	21°14	19°14	0♌ 8	29° 3	9°14	6° 5	12°30	28°46	29♋58	19°17	n.a.	T 26
F 27	17 52 20	27° 5'41	16°37	23°40	22°28	19°47	0°19	29° 1	9°12	6° 5	12°31	28°41	29°55	19°24	n.a.	F 27
S 28	17 56 16	28° 3'03	28°32	24°22	23°42	20°21	0°31	29° 0	9° 9	6° 4	12°31	28°36	29°52	19°31	n.a.	S 28
S 29	18 0 13	29° 0'27	10♊23	25° 0	24°56	20°55	0°43	28°59	9° 7	6° 4	12°32	28°31	29°49	19°37	n.a.	S 29
M30	18 4 9	29♊57'51	22♊12	25♋34	26♊10	21♍30	0♌55	28♎58	9♑ 5	6♓ 4	12♈32	28♋26	29♋46	19♊44	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n55	16n30	4s19	25n21	1n59	17n40	0s29	9n45	0n30	22n19	1n 1	9s25	2n23	23s52	0s30	10s51	1s33	9s16	15s25	20n28	20n 9	19n28		n.a.
M 2	21 6	19 3	3 41	25 27	1 57	18 2	0 27	9 33	0 29	22 17	1 1	9 24	2 22	23 52	0 30	10 51	1 33	9 16	15 25	20 30	20 9	19 29		n.a.
T 3	21 17	20 47	2 53	25 31	1 55	18 23	0 24	9 21	0 27	22 15	1 1	9 23	2 22	23 52	0 30	10 51	1 33	9 16	15 25	20 31	20 10	19 30		n.a.
W 4	21 27	21 37	1 58	25 33	1 53	18 44	0 22	9 9	0 25	22 13	1 0	9 23	2 22	23 53	0 30	10 51	1 33	9 16	15 26	20 32	20 11	19 31		n.a.
T 5	21 37	21 29	0 57	25 33	1 50	19 4	0 20	8 56	0 24	22 11	1 0	9 22	2 22	23 53	0 30	10 51	1 33	9 16	15 26	20 33	20 11	19 33		n.a.
F 6	21 47	20 23	0n 7	25 31	1 46	19 24	0 17	8 44	0 22	22 9	1 0	9 21	2 22	23 53	0 30	10 51	1 34	9 16	15 26	20 33	20 12	19 34		n.a.
S 7	21 57	18 20	1 12	25 28	1 41	19 43	0 15	8 32	0 20	22 7	1 0	9 20	2 22	23 53	0 30	10 51	1 34	9 16	15 26	20 33	20 13	19 35		n.a.
S 8	22 6	15 25	2 14	25 22	1 37	20 2	0 12	8 19	0 19	22 5	1 0	9 19	2 21	23 53	0 30	10 51	1 34	9 15	15 26	20 33	20 14	19 37		n.a.
M 9	22 15	11 44	3 12	25 15	1 31	20 20	0 10	8 6	0 17	22 3	1 0	9 18	2 21	23 53	0 30	10 51	1 34	9 15	15 27	20 33	20 14	19 38		n.a.
T 10	22 23	7 23	4 2	25 7	1 25	20 38	0 8	7 53	0 16	22 0	1 0	9 17	2 21	23 54	0 30	10 51	1 34	9 15	15 27	20 33	20 15	19 39		n.a.
W11	22 31	2 33	4 40	24 57	1 19	20 55	0 5	7 40	0 14	21 58	1 0	9 17	2 21	23 54	0 30	10 51	1 34	9 15	15 27	20 33	20 16	19 40		n.a.
T 12	22 39	2s34	5 3	24 46	1 12	21 12	0 3	7 27	0 13	21 56	1 0	9 16	2 20	23 54	0 30	10 51	1 34	9 15	15 27	20 34	20 16	19 42		n.a.
F 13	22 46	7 44	5 8	24 33	1 5	21 28	0 0	7 14	0 11	21 54	1 0	9 15	2 20	23 54	0 30	10 51	1 34	9 15	15 28	20 35	20 17	19 43		n.a.
S 14	22 52	12 35	4 53	24 20	0 57	21 43	0n 2	7 1	0 10	21 51	1 0	9 14	2 20	23 54	0 30	10 51	1 34	9 15	15 28	20 36	20 18	19 44		n.a.
S 15	22 59	16 45	4 18	24 5	0 49	21 58	0 4	6 47	0 8	21 49	1 0	9 14	2 20	23 54	0 30	10 51	1 34	9 15	15 28	20 38	20 18	19 45		n.a.
M16	23 5	19 49	3 24	23 49	0 40	22 12	0 7	6 34	0 7	21 47	1 0	9 13	2 20	23 55	0 30	10 51	1 34	9 15	15 29	20 39	20 19	19 47		n.a.
T 17	23 10	21 29	2 15	23 33	0 31	22 26	0 9	6 20	0 5	21 44	1 0	9 13	2 19	23 55	0 30	10 51	1 34	9 15	15 29	20 40	20 20	19 48		n.a.
W18	23 16	21 34	0 58	23 16	0 21	22 39	0 12	6 6	0 4	21 42	1 0	9 12	2 19	23 55	0 30	10 51	1 34	9 15	15 29	20 40	20 20	19 49		n.a.
T 19	23 20	20 9	0s22	22 58	0 11	22 51	0 14	5 53	0 3	21 40	1 0	9 12	2 19	23 55	0 30	10 51	1 34	9 15	15 29	20 40	20 21	19 50		n.a.
F 20	23 25	17 29	1 38	22 39	0 1	23 3	0 16	5 39	0 1	21 37	1 0	9 11	2 19	23 55	0 30	10 51	1 34	9 15	15 30	20 40	20 22	19 51		n.a.
S 21	23 29	13 52	2 46	22 20	0s 9	23 14	0 19	5 25	0s 0	21 35	1 0	9 11	2 18	23 55	0 30	10 51	1 34	9 15	15 30	20 40	20 23	19 53		n.a.
S 22	23 32	9 40	3 43	22 1	0 20	23 24	0 21	5 10	0 2	21 32	1 0	9 10	2 18	23 56	0 30	10 51	1 35	9 15	15 30	20 40	20 23	19 54		n.a.
M23	23 36	5 8	4 26	21 41	0 32	23 33	0 23	4 56	0 3	21 30	1 0	9 10	2 18	23 56	0 30	10 52	1 35	9 15	15 30	20 40	20 24	19 55		n.a.
T 24	23 38	0 30	4 55	21 21	0 43	23 42	0 25	4 42	0 4	21 27	1 0	9 10	2 18	23 56	0 30	10 52	1 35	9 15	15 31	20 40	20 25	19 56		n.a.
W25	23 41	4n 3	5 10	21 1	0 55	23 51	0 28	4 28	0 6	21 25	1 0	9 9	2 17	23 56	0 30	10 52	1 35	9 15	15 31	20 40	20 25	19 58		n.a.
T 26	23 43	8 22	5 10	20 41	1 7	23 58	0 30	4 13	0 7	21 22	1 0	9 9	2 17	23 56	0 30	10 52	1 35	9 15	15 31	20 41	20 26	19 59		n.a.
F 27	23 44	12 17	4 57	20 22	1 19	24 5	0 32	3 58	0 8	21 20	1 0	9 9	2 17	23 57	0 30	10 52	1 35	9 15	15 32	20 42	20 27	20 0		n.a.
S 28	23 45	15 42	4 31	20 2	1 32	24 11	0 34	3 44	0 9	21 17	1 0	9 8	2 17	23 57	0 30	10 52	1 35	9 15	15 32	20 43	20 27	20 1		n.a.
S 29	23 46	18 28	3 53	19 43	1 44	24 16	0 36	3 29	0 11	21 14	1 0	9 8	2 16	23 57	0 30	10 53	1 35	9 15	15 32	20 44	20 28	20 2		n.a.
M30	23n46	20n27	3s 5	19n24	1s57	24n21	0n39	3n14	0s12	21n12	1n 0	9s 8	2n16	23s57	0s30	10s53	1s35	9s16	15s32	20n45	20n29	20n 4		n.a.

Julian Day Number = 1499867.5, Delta T = 05h07m47s
Ecliptic obliquity = 23°46'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°27'03, Lahiri = -12°20'03 Julian Calendar 1 June 607 BCE == Greg. Calendar 25 May 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

JULY 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 8 6	0♋55'16	4♋ 2	26♋ 4	27♊24	22♍ 4	1♌ 7	28°R57	9°R 2	6°R 3	12♈33	28°R23	29♋43	19♊51	n.a.	T 1
W 2	18 12 3	1°52'43	15°53	26°29	28°38	22°39	1°19	28♎56	9♉ 0	6♓ 3	12°33	28♋21	29°39	19°57	n.a.	W 2
T 3	18 15 59	2°50'11	27°50	26°51	29°52	23°14	1°32	28°55	8°58	6° 2	12°33	28°D20	29°36	20° 4	n.a.	T 3
F 4	18 19 56	3°47'39	9♌53	27° 7	1♋ 6	23°49	1°44	28°55	8°55	6° 2	12°34	28°21	29°33	20°11	n.a.	F 4
S 5	18 23 52	4°45'09	22° 5	27°19	2°20	24°25	1°56	28°54	8°53	6° 1	12°34	28°22	29°30	20°17	n.a.	S 5
S 6	18 27 49	5°42'40	4♍31	27°25	3°34	25° 0	2° 8	28°54	8°50	6° 0	12°34	28°24	29°27	20°24	n.a.	S 6
M 7	18 31 45	6°40'12	17°13	27°R26	4°48	25°36	2°21	28°53	8°48	6° 0	12°35	28°25	29°24	20°31	n.a.	M 7
T 8	18 35 42	7°37'44	0♎14	27°22	6° 2	26°12	2°33	28°53	8°46	5°59	12°35	28°26	29°20	20°37	n.a.	T 8
W 9	18 39 38	8°35'18	13°38	27°13	7°17	26°48	2°45	28°53	8°43	5°58	12°35	28°R26	29°17	20°44	n.a.	W 9
T 10	18 43 35	9°32'53	27°26	26°58	8°31	27°24	2°58	28°52	8°41	5°58	12°35	28°25	29°14	20°51	n.a.	T 10
F 11	18 47 32	10°30'29	11♏40	26°37	9°45	28° 0	3°10	28°D52	8°38	5°57	12°36	28°24	29°11	20°57	n.a.	F 11
S 12	18 51 28	11°28'06	26°16	26°11	10°59	28°37	3°23	28°52	8°36	5°56	12°36	28°22	29° 8	21° 4	n.a.	S 12
S 13	18 55 25	12°25'44	11♐10	25°40	12°13	29°14	3°35	28°53	8°34	5°55	12°36	28°20	29° 4	21°11	n.a.	S 13
M14	18 59 21	13°23'24	26°15	25° 4	13°28	29°51	3°48	28°53	8°31	5°54	12°36	28°18	29° 1	21°17	n.a.	M14
T 15	19 3 18	14°21'05	11♑23	24°24	14°42	0♎28	4° 0	28°53	8°29	5°54	12°36	28°17	28°58	21°24	n.a.	T 15
W16	19 7 14	15°18'47	26°24	23°39	15°56	1° 5	4°13	28°54	8°27	5°53	12°36	28°D16	28°55	21°31	n.a.	W16
T 17	19 11 11	16°16'31	11♒10	22°51	17°11	1°42	4°26	28°54	8°24	5°52	12°36	28°17	28°52	21°37	n.a.	T 17
F 18	19 15 7	17°14'17	25°33	22° 0	18°25	2°20	4°38	28°55	8°22	5°51	12°36	28°17	28°49	21°44	n.a.	F 18
S 19	19 19 4	18°12'04	9♓32	21° 8	19°39	2°57	4°51	28°56	8°19	5°50	12°36	28°18	28°45	21°51	n.a.	S 19
S 20	19 23 1	19° 9'53	23° 4	20°15	20°54	3°35	5° 4	28°56	8°17	5°49	12°R36	28°19	28°42	21°57	n.a.	S 20
M21	19 26 57	20° 7'44	6♈10	19°22	22° 8	4°13	5°17	28°57	8°15	5°48	12°36	28°20	28°39	22° 4	n.a.	M21
T 22	19 30 54	21° 5'37	18°53	18°31	23°22	4°51	5°29	28°58	8°12	5°47	12°36	28°R20	28°36	22°11	n.a.	T 22
W23	19 34 50	22° 3'32	1♉18	17°42	24°37	5°29	5°42	29° 0	8°10	5°46	12°36	28°20	28°33	22°17	n.a.	W23
T 24	19 38 47	23° 1'29	13°27	16°56	25°51	6° 8	5°55	29° 1	8° 8	5°45	12°36	28°19	28°30	22°24	n.a.	T 24
F 25	19 42 43	23°59'28	25°25	16°15	27° 6	6°46	6° 8	29° 2	8° 6	5°43	12°36	28°19	28°26	22°31	n.a.	F 25
S 26	19 46 40	24°57'29	7♊17	15°40	28°20	7°25	6°21	29° 3	8° 3	5°42	12°36	28°19	28°23	22°37	n.a.	S 26
S 27	19 50 36	25°55'32	19° 6	15°10	29°35	8° 4	6°34	29° 5	8° 1	5°41	12°36	28°18	28°20	22°44	n.a.	S 27
M28	19 54 33	26°53'37	0♋56	14°48	0♌49	8°43	6°47	29° 7	7°59	5°40	12°36	28°18	28°17	22°51	n.a.	M28
T 29	19 58 30	27°51'44	12°48	14°34	2° 4	9°22	7° 0	29° 8	7°57	5°39	12°36	28°D18	28°14	22°58	n.a.	T 29
W30	20 2 26	28°49'52	24°47	14°D27	3°18	10° 1	7°13	29°10	7°54	5°37	12°35	28°R18	28°10	23° 4	n.a.	W30
T 31	20 6 23	29♋48'03	6♌53	14♋29	4♌33	10♎41	7♌26	29♎12	7♉52	5♓36	12♈35	28♋18	28♋ 7	23♊11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n46	21n33	2s10	19n 6	2s10	24n25	0n41	2n59	0s13	21n 9	1n 0	9s 8	2n16	23s57	0s30	10s53	1s35	9s16	15s33	20n46	20n29	20n 5			n.a.
W 2	23 45	21 41	1 8	18 49	2 23	24 28	0 43	2 44	0 14	21 6	1 0	9 8	2 16	23 57	0 30	10 53	1 35	9 16	15 33	20 46	20 30	20 6			n.a.
T 3	23 44	20 50	0 3	18 32	2 35	24 31	0 45	2 29	0 16	21 4	1 0	9 8	2 15	23 58	0 30	10 54	1 35	9 16	15 33	20 47	20 31	20 7			n.a.
F 4	23 43	19 2	1n 3	18 16	2 48	24 32	0 47	2 14	0 17	21 1	1 0	9 8	2 15	23 58	0 30	10 54	1 35	9 16	15 34	20 46	20 31	20 8			n.a.
S 5	23 41	16 20	2 7	18 2	3 1	24 33	0 49	1 59	0 18	20 58	1 0	9 8	2 15	23 58	0 30	10 54	1 35	9 16	15 34	20 46	20 32	20 9			n.a.
S 6	23 39	12 52	3 6	17 49	3 13	24 34	0 51	1 43	0 19	20 55	1 0	9 8	2 15	23 58	0 30	10 54	1 35	9 16	15 34	20 46	20 33	20 11			n.a.
M 7	23 36	8 46	3 58	17 37	3 25	24 33	0 52	1 28	0 20	20 52	1 0	9 8	2 14	23 58	0 30	10 55	1 35	9 17	15 34	20 46	20 33	20 12			n.a.
T 8	23 33	4 9	4 39	17 26	3 36	24 32	0 54	1 12	0 21	20 49	1 0	9 8	2 14	23 58	0 30	10 55	1 35	9 17	15 35	20 45	20 34	20 13			n.a.
W 9	23 29	0s46	5 5	17 18	3 47	24 30	0 56	0 57	0 23	20 47	1 0	9 8	2 14	23 59	0 30	10 55	1 35	9 17	15 35	20 45	20 35	20 14			n.a.
T 10	23 25	5 48	5 16	17 10	3 57	24 27	0 58	0 41	0 24	20 44	1 0	9 9	2 14	23 59	0 30	10 56	1 36	9 17	15 35	20 46	20 35	20 15			n.a.
F 11	23 21	10 40	5 8	17 5	4 6	24 24	1 0	0 26	0 25	20 41	1 0	9 9	2 13	23 59	0 30	10 56	1 36	9 17	15 36	20 46	20 36	20 16			n.a.
S 12	23 16	15 3	4 39	17 2	4 15	24 19	1 1	0 10	0 26	20 38	1 0	9 9	2 13	23 59	0 30	10 56	1 36	9 17	15 36	20 46	20 37	20 17			n.a.
S 13	23 11	18 36	3 52	17 1	4 22	24 14	1 3	0s 6	0 27	20 35	1 0	9 9	2 13	23 59	0 30	10 57	1 36	9 18	15 36	20 47	20 37	20 19			n.a.
M14	23 5	20 55	2 48	17 1	4 28	24 9	1 4	0 22	0 28	20 32	1 0	9 10	2 13	23 59	0 30	10 57	1 36	9 18	15 37	20 47	20 38	20 20			n.a.
T 15	22 59	21 44	1 32	17 4	4 32	24 2	1 6	0 38	0 29	20 29	1 0	9 10	2 12	24 0	0 30	10 57	1 36	9 18	15 37	20 47	20 39	20 21			n.a.
W16	22 52	20 59	0 10	17 9	4 35	23 55	1 7	0 54	0 30	20 26	1 0	9 10	2 12	24 0	0 30	10 58	1 36	9 18	15 37	20 47	20 39	20 22			n.a.
T 17	22 46	18 48	1s11	17 16	4 36	23 47	1 9	1 10	0 31	20 23	1 0	9 11	2 12	24 0	0 30	10 58	1 36	9 19	15 37	20 47	20 40	20 23			n.a.
F 18	22 38	15 27	2 26	17 25	4 35	23 38	1 10	1 26	0 32	20 20	1 0	9 11	2 12	24 0	0 30	10 59	1 36	9 19	15 38	20 47	20 41	20 24			n.a.
S 19	22 31	11 20	3 29	17 35	4 33	23 29	1 11	1 42	0 33	20 17	1 0	9 12	2 11	24 0	0 30	10 59	1 36	9 19	15 38	20 47	20 41	20 25			n.a.
S 20	22 23	6 45	4 19	17 48	4 28	23 19	1 13	1 58	0 34	20 13	1 0	9 12	2 11	24 0	0 30	10 59	1 36	9 19	15 38	20 47	20 42	20 26			n.a.
M21	22 14	2 1	4 54	18 2	4 22	23 8	1 14	2 14	0 35	20 10	1 0	9 13	2 11	24 1	0 30	11 0	1 36	9 20	15 39	20 47	20 43	20 28			n.a.
T 22	22 5	2n41	5 13	18 17	4 13	22 57	1 15	2 30	0 36	20 7	1 0	9 14	2 11	24 1	0 30	11 0	1 36	9 20	15 39	20 47	20 43	20 29			n.a.
W23	21 56	7 8	5 17	18 33	4 3	22 44	1 16	2 47	0 37	20 4	1 0	9 14	2 10	24 1	0 30	11 1	1 36	9 20	15 39	20 47	20 44	20 30			n.a.
T 24	21 46	11 13	5 6	18 51	3 52	22 32	1 17	3 3	0 38	20 1	1 0	9 15	2 10	24 1	0 30	11 1	1 36	9 21	15 40	20 47	20 45	20 31			n.a.
F 25	21 36	14 48	4 43	19 9	3 38	22 18	1 18	3 19	0 39	19 58	1 0	9 16	2 10	24 1	0 30	11 2	1 36	9 21	15 40	20 47	20 45	20 32			n.a.
S 26	21 26	17 46	4 7	19 28	3 24	22 4	1 19	3 36	0 40	19 54	1 0	9 16	2 10	24 1	0 30	11 2	1 36	9 21	15 40	20 47	20 46	20 33			n.a.
S 27	21 15	19 58	3 21	19 46	3 8	21 49	1 20	3 52	0 41	19 51	1 0	9 17	2 9	24 1	0 30	11 3	1 36	9 21	15 40	20 47	20 47	20 34			n.a.
M28	21 4	21 20	2 26	20 5	2 52	21 34	1 21	4 8	0 42	19 48	1 0	9 18	2 9	24 2	0 30	11 3	1 36	9 22	15 41	20 47	20 47	20 35			n.a.
T 29	20 52	21 44	1 25	20 24	2 34	21 17	1 21	4 25	0 43	19 44	1 0	9 19	2 9	24 2	0 30	11 4	1 36	9 22	15 41	20 47	20 48	20 36			n.a.
W30	20 40	21 9	0 20	20 42	2 17	21 1	1 22	4 41	0 44	19 41	1 0	9 20	2 9	24 2	0 30	11 4	1 37	9 22	15 41	20 47	20 49	20 37			n.a.
T 31	20n28	19n34	0n48	21n 0	1s59	20n43	1n23	4s58	0s44	19n38	1n 0	9s21	2n 8	24s 2	0s30	11s 5	1s37	9s23	15s42	20n47	20n49	20n38			n.a.

Julian Day Number = 1499897.5, Delta T = 05h07m45s
Ecliptic obliquity = 23°46'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'59, Lahiri = -12°19'59 Julian Calendar 1 July 607 BCE == Greg. Calendar 24 June 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

AUGUST 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 10 19	0♌46'15	19♌ 9	14♋39	5♌48	11♎20	7♌39	29♎14	7°R50	5°R35	12°R35	28°R18	28♋ 4	23♊18	n.a.	F 1
S 2	20 14 16	1°44'29	1♍37	14°58	7° 2	12° 0	7°52	29°16	7♑48	5♓34	12♈35	28♋17	28° 1	23°24	n.a.	S 2
S 3	20 18 12	2°42'44	14°16	15°26	8°17	12°40	8° 5	29°18	7°46	5°32	12°34	28°17	27°58	23°31	n.a.	S 3
M 4	20 22 9	3°41'02	27°11	16° 2	9°31	13°20	8°18	29°20	7°44	5°31	12°34	28°16	27°55	23°38	n.a.	M 4
T 5	20 26 5	4°39'21	10♎20	16°46	10°46	14° 0	8°31	29°23	7°42	5°30	12°34	28°16	27°51	23°44	n.a.	T 5
W 6	20 30 2	5°37'42	23°47	17°38	12° 1	14°40	8°44	29°25	7°40	5°28	12°34	28°15	27°48	23°51	n.a.	W 6
T 7	20 33 59	6°36'04	7♏31	18°37	13°15	15°20	8°57	29°28	7°38	5°27	12°33	28°D15	27°45	23°58	n.a.	T 7
F 8	20 37 55	7°34'28	21°33	19°43	14°30	16° 0	9°10	29°30	7°36	5°25	12°33	28°15	27°42	24° 4	n.a.	F 8
S 9	20 41 52	8°32'54	5♐52	20°56	15°45	16°41	9°23	29°33	7°34	5°24	12°32	28°16	27°39	24°11	n.a.	S 9
S 10	20 45 48	9°31'22	20°25	22°15	16°59	17°22	9°36	29°36	7°32	5°22	12°32	28°17	27°36	24°18	n.a.	S 10
M11	20 49 45	10°29'51	5♑ 8	23°40	18°14	18° 2	9°49	29°38	7°30	5°21	12°32	28°18	27°32	24°24	n.a.	M11
T 12	20 53 41	11°28'23	19°56	25° 9	19°29	18°43	10° 2	29°41	7°28	5°19	12°31	28°18	27°29	24°31	n.a.	T 12
W13	20 57 38	12°26'56	4♒41	26°43	20°43	19°24	10°15	29°44	7°26	5°18	12°31	28°R18	27°26	24°38	n.a.	W13
T 14	21 1 34	13°25'31	19°17	28°20	21°58	20° 5	10°28	29°48	7°24	5°16	12°30	28°18	27°23	24°44	n.a.	T 14
F 15	21 5 31	14°24'08	3♓37	0♌ 0	23°13	20°47	10°41	29°51	7°23	5°15	12°30	28°16	27°20	24°51	n.a.	F 15
S 16	21 9 27	15°22'48	17°36	1°44	24°27	21°28	10°54	29°54	7°21	5°13	12°29	28°14	27°16	24°58	n.a.	S 16
S 17	21 13 24	16°21'29	1♈11	3°29	25°42	22° 9	11° 7	29°57	7°19	5°12	12°29	28°12	27°13	25° 4	n.a.	S 17
M18	21 17 21	17°20'13	14°22	5°16	26°57	22°51	11°20	0♏ 1	7°17	5°10	12°28	28° 9	27°10	25°11	n.a.	M18
T 19	21 21 17	18°18'59	27° 9	7° 4	28°12	23°32	11°33	0° 4	7°16	5° 9	12°27	28° 7	27° 7	25°18	n.a.	T 19
W20	21 25 14	19°17'48	9♉36	8°54	29°26	24°14	11°46	0° 8	7°14	5° 7	12°27	28° 6	27° 4	25°24	n.a.	W20
T 21	21 29 10	20°16'39	21°47	10°44	0♍41	24°56	11°59	0°12	7°13	5° 5	12°26	28°D 5	27° 1	25°31	n.a.	T 21
F 22	21 33 7	21°15'32	3♊45	12°34	1°56	25°38	12°12	0°16	7°11	5° 4	12°25	28° 6	26°57	25°38	n.a.	F 22
S 23	21 37 3	22°14'28	15°36	14°25	3°11	26°20	12°25	0°19	7°10	5° 2	12°25	28° 7	26°54	25°44	n.a.	S 23
S 24	21 41 0	23°13'26	27°25	16°15	4°26	27° 2	12°38	0°23	7° 8	5° 1	12°24	28° 9	26°51	25°51	n.a.	S 24
M25	21 44 56	24°12'27	9♋16	18° 6	5°40	27°45	12°51	0°27	7° 7	4°59	12°23	28°11	26°48	25°58	n.a.	M25
T 26	21 48 53	25°11'30	21°13	19°56	6°55	28°27	13° 4	0°31	7° 6	4°57	12°23	28°12	26°45	26° 4	n.a.	T 26
W27	21 52 50	26°10'35	3♌20	21°45	8°10	29° 9	13°17	0°36	7° 4	4°56	12°22	28°R12	26°42	26°11	n.a.	W27
T 28	21 56 46	27° 9'42	15°39	23°34	9°25	29°52	13°30	0°40	7° 3	4°54	12°21	28°11	26°38	26°18	n.a.	T 28
F 29	22 0 43	28° 8'52	28°11	25°22	10°40	0♏35	13°43	0°44	7° 2	4°52	12°21	28° 8	26°35	26°24	n.a.	F 29
S 30	22 4 39	29° 8'04	10♍58	27°10	11°54	1°17	13°56	0°49	7° 0	4°51	12°20	28° 4	26°32	26°31	n.a.	S 30
S 31	22 8 36	0♍ 7'18	24♍ 0	28♌57	13♍ 9	2♏ 0	14♌ 8	0♏53	6♑59	4♓49	12♈19	27♋59	26♋29	26♊38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n16	17n 4	1n53	21n17	1s41	20n25	1n23	5s14	0s45	19n35	1n 0	9s21	2n 8	24s 2	0s30	11s 5	1s37	9s23	15s42	20n47	20n50	20n39		n.a.
S 2	20 3	13 46	2 55	21 33	1 23	20 7	1 24	5 31	0 46	19 31	1 0	9 22	2 8	24 2	0 30	11 6	1 37	9 24	15 42	20 47	20 51	20 41		n.a.
S 3	19 49	9 47	3 49	21 47	1 5	19 48	1 24	5 47	0 47	19 28	1 0	9 23	2 8	24 2	0 30	11 6	1 37	9 24	15 42	20 47	20 51	20 42		n.a.
M 4	19 36	5 17	4 32	22 0	0 48	19 28	1 24	6 4	0 48	19 24	1 0	9 24	2 7	24 2	0 30	11 7	1 37	9 24	15 43	20 47	20 52	20 43		n.a.
T 5	19 22	0 28	5 2	22 11	0 31	19 8	1 25	6 20	0 49	19 21	1 0	9 26	2 7	24 3	0 30	11 7	1 37	9 25	15 43	20 48	20 52	20 44		n.a.
W 6	19 7	4s27	5 16	22 20	0 15	18 47	1 25	6 37	0 50	19 18	1 0	9 27	2 7	24 3	0 30	11 8	1 37	9 25	15 43	20 48	20 53	20 45		n.a.
T 7	18 53	9 16	5 13	22 27	0 0	18 26	1 25	6 53	0 50	19 14	1 0	9 28	2 7	24 3	0 30	11 8	1 37	9 25	15 44	20 48	20 54	20 46		n.a.
F 8	18 38	13 43	4 52	22 32	0n14	18 4	1 25	7 10	0 51	19 11	1 0	9 29	2 6	24 3	0 30	11 9	1 37	9 26	15 44	20 48	20 54	20 47		n.a.
S 9	18 22	17 27	4 12	22 34	0 27	17 41	1 25	7 26	0 52	19 7	1 0	9 30	2 6	24 3	0 30	11 9	1 37	9 26	15 44	20 47	20 55	20 48		n.a.
S 10	18 7	20 10	3 15	22 33	0 40	17 18	1 25	7 43	0 53	19 4	1 0	9 31	2 6	24 3	0 30	11 10	1 37	9 27	15 44	20 47	20 56	20 49		n.a.
M11	17 51	21 35	2 5	22 30	0 51	16 55	1 25	7 59	0 53	19 0	1 1	9 33	2 6	24 3	0 30	11 11	1 37	9 27	15 45	20 47	20 56	20 50		n.a.
T 12	17 35	21 30	0 46	22 24	1 2	16 31	1 25	8 16	0 54	18 57	1 1	9 34	2 5	24 3	0 30	11 11	1 37	9 27	15 45	20 47	20 57	20 51		n.a.
W13	17 18	19 55	0s35	22 16	1 11	16 7	1 25	8 32	0 55	18 53	1 1	9 35	2 5	24 3	0 30	11 12	1 37	9 28	15 45	20 47	20 58	20 52		n.a.
T 14	17 1	17 2	1 54	22 4	1 19	15 42	1 24	8 49	0 56	18 50	1 1	9 36	2 5	24 3	0 30	11 12	1 37	9 28	15 45	20 47	20 58	20 53		n.a.
F 15	16 44	13 9	3 3	21 50	1 26	15 17	1 24	9 5	0 56	18 46	1 1	9 38	2 5	24 4	0 30	11 13	1 37	9 29	15 46	20 47	20 59	20 54		n.a.
S 16	16 27	8 38	4 0	21 33	1 32	14 52	1 24	9 22	0 57	18 43	1 1	9 39	2 4	24 4	0 30	11 14	1 37	9 29	15 46	20 48	20 59	20 55		n.a.
S 17	16 9	3 49	4 41	21 13	1 38	14 26	1 23	9 38	0 58	18 39	1 1	9 41	2 4	24 4	0 30	11 14	1 37	9 30	15 46	20 48	21 0	20 56		n.a.
M18	15 51	1n 2	5 7	20 51	1 42	13 59	1 22	9 54	0 59	18 35	1 1	9 42	2 4	24 4	0 30	11 15	1 37	9 30	15 46	20 49	21 1	20 57		n.a.
T 19	15 33	5 42	5 16	20 27	1 45	13 32	1 22	10 11	0 59	18 32	1 1	9 44	2 4	24 4	0 30	11 15	1 37	9 31	15 47	20 49	21 1	20 58		n.a.
W20	15 14	10 0	5 9	20 1	1 48	13 5	1 21	10 27	1 0	18 28	1 1	9 45	2 3	24 4	0 30	11 16	1 37	9 31	15 47	20 50	21 2	20 59		n.a.
T 21	14 56	13 48	4 49	19 32	1 50	12 38	1 20	10 43	1 1	18 25	1 1	9 47	2 3	24 4	0 30	11 17	1 37	9 31	15 47	20 50	21 3	21 0		n.a.
F 22	14 36	16 59	4 17	19 2	1 51	12 10	1 20	10 59	1 1	18 21	1 1	9 48	2 3	24 4	0 30	11 17	1 37	9 32	15 47	20 50	21 3	21 1		n.a.
S 23	14 17	19 26	3 34	18 30	1 51	11 42	1 19	11 15	1 2	18 17	1 1	9 50	2 3	24 4	0 30	11 18	1 37	9 32	15 48	20 49	21 4	21 2		n.a.
S 24	13 58	21 3	2 41	17 56	1 51	11 13	1 18	11 32	1 2	18 14	1 1	9 51	2 3	24 4	0 30	11 18	1 37	9 33	15 48	20 49	21 4	21 3		n.a.
M25	13 38	21 44	1 42	17 21	1 50	10 45	1 17	11 48	1 3	18 10	1 2	9 53	2 2	24 4	0 30	11 19	1 37	9 33	15 48	20 49	21 5	21 4		n.a.
T 26	13 18	21 26	0 38	16 45	1 48	10 16	1 16	12 4	1 4	18 6	1 2	9 55	2 2	24 4	0 30	11 20	1 37	9 34	15 48	20 48	21 6	21 5		n.a.
W27	12 58	20 8	0n28	16 7	1 46	9 46	1 15	12 19	1 4	18 3	1 2	9 56	2 2	24 4	0 30	11 20	1 37	9 34	15 49	20 48	21 6	21 6		n.a.
T 28	12 37	17 52	1 34	15 28	1 43	9 17	1 13	12 35	1 5	17 59	1 2	9 58	2 2	24 5	0 30	11 21	1 37	9 35	15 49	20 49	21 7	21 7		n.a.
F 29	12 17	14 43	2 37	14 49	1 40	8 47	1 12	12 51	1 5	17 55	1 2	10 0	2 1	24 5	0 30	11 22	1 37	9 35	15 49	20 49	21 8	21 8		n.a.
S 30	11 56	10 49	3 33	14 8	1 37	8 17	1 11	13 7	1 6	17 52	1 2	10 1	2 1	24 5	0 30	11 22	1 37	9 36	15 49	20 50	21 8	21 9		n.a.
S 31	11n35	6n22	4n19	13n27	1n33	7n46	1n 9	13s22	1s 7	17n48	1n 2	10s 3	2n 1	24s 5	0s30	11s23	1s37	9s36	15s49	20n51	21n 9	21n 9		n.a.

Julian Day Number = 1499928.5, Delta T = 05h07m44s
Ecliptic obliquity = 23°46'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'55, Lahiri = -12°19'55 Julian Calendar 1 Aug. 607 BCE == Greg. Calendar 25 July 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

SEPTEMBER 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 12 32	1♍ 6'33	7♎15	0♍43	14♍24	2♏43	14♌21	0♏58	6°R58	4°R47	12°R18	27°R53	26♋26	26♊44	n.a.	M 1
T 2	22 16 29	2° 5'51	20°44	2°29	15°39	3°26	14°34	1° 2	6♉57	4♓46	12♈17	27♋48	26°22	26°51	n.a.	T 2
W 3	22 20 25	3° 5'11	4♏24	4°13	16°54	4° 9	14°47	1° 7	6°56	4°44	12°17	27°44	26°19	26°58	n.a.	W 3
T 4	22 24 22	4° 4'33	18°14	5°57	18° 9	4°53	14°59	1°12	6°55	4°42	12°16	27°41	26°16	27° 4	n.a.	T 4
F 5	22 28 18	5° 3'57	2♐13	7°40	19°23	5°36	15°12	1°16	6°54	4°41	12°15	27°D40	26°13	27°11	n.a.	F 5
S 6	22 32 15	6° 3'22	16°21	9°22	20°38	6°19	15°25	1°21	6°53	4°39	12°14	27°40	26°10	27°18	n.a.	S 6
S 7	22 36 12	7° 2'50	0♑35	11° 4	21°53	7° 3	15°37	1°26	6°53	4°37	12°13	27°42	26° 7	27°24	n.a.	S 7
M 8	22 40 8	8° 2'19	14°54	12°45	23° 8	7°46	15°50	1°31	6°52	4°36	12°12	27°43	26° 3	27°31	n.a.	M 8
T 9	22 44 5	9° 1'50	29°15	14°25	24°23	8°30	16° 2	1°36	6°51	4°34	12°11	27°R43	26° 0	27°38	n.a.	T 9
W10	22 48 1	10° 1'24	13♒34	16° 4	25°37	9°14	16°15	1°41	6°50	4°32	12°10	27°42	25°57	27°44	n.a.	W10
T 11	22 51 58	11° 0'59	27°48	17°43	26°52	9°58	16°27	1°47	6°50	4°31	12° 9	27°39	25°54	27°51	n.a.	T 11
F 12	22 55 54	12° 0'36	11♓51	19°20	28° 7	10°42	16°40	1°52	6°49	4°29	12° 8	27°34	25°51	27°58	n.a.	F 12
S 13	22 59 51	13° 0'15	25°38	20°58	29°22	11°26	16°52	1°57	6°49	4°27	12° 7	27°27	25°47	28° 4	n.a.	S 13
S 14	23 3 47	13°59'56	9♈ 7	22°34	0♎37	12°10	17° 4	2° 3	6°48	4°26	12° 6	27°19	25°44	28°11	n.a.	S 14
M15	23 7 44	14°59'40	22°16	24°10	1°51	12°54	17°17	2° 8	6°48	4°24	12° 5	27°11	25°41	28°18	n.a.	M15
T 16	23 11 41	15°59'26	5♉ 3	25°45	3° 6	13°38	17°29	2°14	6°47	4°22	12° 4	27° 3	25°38	28°24	n.a.	T 16
W17	23 15 37	16°59'14	17°31	27°20	4°21	14°22	17°41	2°19	6°47	4°21	12° 3	26°57	25°35	28°31	n.a.	W17
T 18	23 19 34	17°59'05	29°42	28°54	5°36	15° 6	17°53	2°25	6°47	4°19	12° 2	26°53	25°32	28°37	n.a.	T 18
F 19	23 23 30	18°58'58	11♊41	0♎27	6°51	15°51	18° 5	2°30	6°46	4°17	12° 1	26°51	25°28	28°44	n.a.	F 19
S 20	23 27 27	19°58'53	23°32	2° 0	8° 5	16°35	18°17	2°36	6°46	4°16	12° 0	26°D51	25°25	28°51	n.a.	S 20
S 21	23 31 23	20°58'51	5♋21	3°33	9°20	17°20	18°29	2°42	6°46	4°14	11°59	26°52	25°22	28°57	n.a.	S 21
M22	23 35 20	21°58'51	17°12	5° 4	10°35	18° 5	18°41	2°48	6°46	4°13	11°58	26°53	25°19	29° 4	n.a.	M22
T 23	23 39 16	22°58'53	29°12	6°36	11°50	18°49	18°53	2°54	6°D46	4°11	11°57	26°R53	25°16	29°11	n.a.	T 23
W24	23 43 13	23°58'57	11♌24	8° 6	13° 4	19°34	19° 5	2°59	6°46	4°10	11°56	26°52	25°13	29°17	n.a.	W24
T 25	23 47 9	24°59'04	23°53	9°36	14°19	20°19	19°17	3° 5	6°46	4° 8	11°55	26°48	25° 9	29°24	n.a.	T 25
F 26	23 51 6	25°59'13	6♍40	11° 6	15°34	21° 4	19°28	3°11	6°46	4° 6	11°54	26°42	25° 6	29°31	n.a.	F 26
S 27	23 55 3	26°59'23	19°47	12°35	16°49	21°49	19°40	3°18	6°46	4° 5	11°53	26°34	25° 3	29°37	n.a.	S 27
S 28	23 58 59	27°59'36	3♎13	14° 3	18° 3	22°34	19°52	3°24	6°46	4° 3	11°52	26°24	25° 0	29°44	n.a.	S 28
M29	0 2 56	28°59'50	16°55	15°31	19°18	23°19	20° 3	3°30	6°47	4° 2	11°51	26°13	24°57	29°51	n.a.	M29
T 30	0 6 52	0♎ 0'07	0♏50	16♎59	20♎33	24♏ 4	20♌15	3♏36	6♉47	4♓ 0	11♈50	26♋ 3	24♋53	29♊57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11n14	1n32	4n52	12n45	1n29	7n16	1n 8	13s38	1s 7	17n44	1n 2	10s 5	2n 1	24s 5	0s30	11s24	1s37	9s37	15s50	20n52	21n 9	21n10		n.a.
T 2	10 52	3s26	5 9	12 2	1 24	6 45	1 7	13 53	1 8	17 41	1 2	10 7	2 1	24 5	0 30	11 24	1 37	9 37	15 50	20 53	21 10	21 11		n.a.
W 3	10 31	8 18	5 9	11 20	1 19	6 14	1 5	14 9	1 8	17 37	1 2	10 9	2 0	24 5	0 30	11 25	1 37	9 38	15 50	20 54	21 11	21 12		n.a.
T 4	10 9	12 49	4 52	10 36	1 14	5 43	1 4	14 24	1 9	17 33	1 3	10 10	2 0	24 5	0 30	11 25	1 37	9 38	15 50	20 55	21 11	21 13		n.a.
F 5	9 47	16 42	4 17	9 53	1 9	5 12	1 2	14 39	1 9	17 30	1 3	10 12	2 0	24 5	0 30	11 26	1 37	9 39	15 50	20 55	21 12	21 14		n.a.
S 6	9 25	19 38	3 26	9 9	1 4	4 41	1 0	14 54	1 10	17 26	1 3	10 14	2 0	24 5	0 30	11 27	1 37	9 39	15 51	20 55	21 12	21 15		n.a.
S 7	9 3	21 24	2 22	8 24	0 58	4 9	0 58	15 9	1 10	17 22	1 3	10 16	2 0	24 5	0 30	11 27	1 37	9 40	15 51	20 54	21 13	21 16		n.a.
M 8	8 40	21 47	1 9	7 40	0 52	3 38	0 57	15 24	1 11	17 19	1 3	10 18	1 59	24 5	0 30	11 28	1 37	9 40	15 51	20 54	21 14	21 17		n.a.
T 9	8 18	20 43	0s 8	6 55	0 46	3 6	0 55	15 39	1 11	17 15	1 3	10 20	1 59	24 5	0 30	11 29	1 37	9 41	15 51	20 54	21 14	21 18		n.a.
W10	7 55	18 20	1 25	6 11	0 40	2 34	0 53	15 54	1 12	17 11	1 3	10 22	1 59	24 5	0 30	11 29	1 37	9 41	15 51	20 54	21 15	21 19		n.a.
T 11	7 32	14 50	2 36	5 26	0 33	2 2	0 51	16 8	1 12	17 8	1 3	10 24	1 59	24 5	0 30	11 30	1 37	9 42	15 51	20 55	21 15	21 20		n.a.
F 12	7 9	10 32	3 36	4 41	0 27	1 30	0 49	16 23	1 13	17 4	1 3	10 26	1 59	24 5	0 30	11 30	1 37	9 42	15 51	20 56	21 16	21 20		n.a.
S 13	6 46	5 45	4 22	3 57	0 21	0 58	0 47	16 37	1 13	17 0	1 4	10 28	1 58	24 5	0 30	11 31	1 37	9 43	15 52	20 57	21 17	21 21		n.a.
S 14	6 23	0 48	4 53	3 12	0 14	0 26	0 45	16 51	1 13	16 57	1 4	10 30	1 58	24 5	0 30	11 32	1 37	9 43	15 52	20 59	21 17	21 22		n.a.
M15	5 59	4n 3	5 7	2 28	0 7	0s 6	0 43	17 6	1 14	16 53	1 4	10 32	1 58	24 5	0 30	11 32	1 37	9 44	15 52	21 1	21 18	21 23		n.a.
T 16	5 36	8 36	5 5	1 43	0 1	0 38	0 41	17 19	1 14	16 49	1 4	10 34	1 58	24 5	0 30	11 33	1 37	9 44	15 52	21 2	21 18	21 24		n.a.
W17	5 12	12 41	4 48	0 59	0s 6	1 10	0 38	17 33	1 15	16 46	1 4	10 36	1 58	24 5	0 30	11 33	1 37	9 45	15 52	21 3	21 19	21 25		n.a.
T 18	4 49	16 9	4 19	0 15	0 13	1 42	0 36	17 47	1 15	16 42	1 4	10 38	1 58	24 5	0 30	11 34	1 37	9 45	15 52	21 4	21 20	21 26		n.a.
F 19	4 25	18 53	3 39	0s29	0 20	2 14	0 34	18 1	1 15	16 38	1 4	10 40	1 57	24 5	0 30	11 35	1 37	9 46	15 52	21 4	21 20	21 26		n.a.
S 20	4 1	20 47	2 50	1 13	0 27	2 46	0 32	18 14	1 16	16 35	1 5	10 42	1 57	24 5	0 30	11 35	1 37	9 46	15 52	21 4	21 21	21 27		n.a.
S 21	3 37	21 46	1 53	1 56	0 33	3 18	0 29	18 27	1 16	16 31	1 5	10 45	1 57	24 5	0 30	11 36	1 37	9 47	15 53	21 4	21 21	21 28		n.a.
M22	3 13	21 47	0 52	2 39	0 40	3 50	0 27	18 40	1 16	16 27	1 5	10 47	1 57	24 5	0 30	11 36	1 37	9 47	15 53	21 4	21 22	21 29		n.a.
T 23	2 49	20 48	0n12	3 22	0 47	4 22	0 25	18 53	1 17	16 24	1 5	10 49	1 57	24 5	0 30	11 37	1 37	9 48	15 53	21 4	21 23	21 30		n.a.
W24	2 25	18 50	1 17	4 4	0 53	4 53	0 22	19 6	1 17	16 20	1 5	10 51	1 57	24 5	0 30	11 38	1 37	9 48	15 53	21 4	21 23	21 31		n.a.
T 25	2 1	15 56	2 19	4 46	1 0	5 25	0 20	19 19	1 17	16 17	1 5	10 53	1 56	24 5	0 29	11 38	1 37	9 49	15 53	21 5	21 24	21 32		n.a.
F 26	1 37	12 13	3 16	5 28	1 7	5 57	0 17	19 31	1 18	16 13	1 5	10 56	1 56	24 5	0 29	11 39	1 37	9 49	15 53	21 6	21 24	21 32		n.a.
S 27	1 13	7 49	4 4	6 9	1 13	6 28	0 15	19 43	1 18	16 9	1 6	10 58	1 56	24 5	0 29	11 39	1 37	9 50	15 53	21 8	21 25	21 33		n.a.
S 28	0 49	2 58	4 39	6 50	1 19	6 59	0 12	19 55	1 18	16 6	1 6	11 0	1 56	24 5	0 29	11 40	1 37	9 50	15 53	21 10	21 25	21 34		n.a.
M29	0 24	2s 8	4 59	7 30	1 24	7 30	0 10	20 7	1 19	16 2	1 6	11 2	1 56	24 5	0 29	11 40	1 37	9 51	15 53	21 12	21 26	21 35		n.a.
T 30	0s 0	7s12	5n 2	8s10	1s32	8s 1	0n 7	20s19	1s19	15n59	1n 6	11s 5	1n56	24s 5	0s29	11s41	1s37	9s51	15s53	21n14	21n27	21n36		n.a.

Julian Day Number = 1499959.5, Delta T = 05h07m43s
Ecliptic obliquity = 23°46'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'51, Lahiri = -12°19'50 Julian Calendar 1 Sept. 607 BCE == Greg. Calendar 25 Aug. 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

OCTOBER 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 10 49	1♎ 0'25	14♏54	18♎25	21♎48	24♏49	20♌26	3♏42	6♉47	3°R59	11°R49	25°R54	24♋50	0♋ 4	n.a.	W 1
T 2	0 14 45	2° 0'45	29° 2	19°51	23° 2	25°35	20°37	3°48	6°48	3♓58	11♈47	25♋47	24°47	0°11	n.a.	T 2
F 3	0 18 42	3° 1'06	13♐11	21°17	24°17	26°20	20°48	3°55	6°48	3°56	11°46	25°43	24°44	0°17	n.a.	F 3
S 4	0 22 38	4° 1'30	27°20	22°42	25°32	27° 5	21° 0	4° 1	6°49	3°55	11°45	25°41	24°41	0°24	n.a.	S 4
S 5	0 26 35	5° 1'54	11♉26	24° 5	26°46	27°51	21°11	4° 8	6°49	3°53	11°44	25°D41	24°38	0°31	n.a.	S 5
M 6	0 30 32	6° 2'20	25°28	25°29	28° 1	28°36	21°22	4°14	6°50	3°52	11°43	25°R42	24°34	0°37	n.a.	M 6
T 7	0 34 28	7° 2'48	9♒26	26°51	29°16	29°22	21°33	4°20	6°51	3°51	11°42	25°41	24°31	0°44	n.a.	T 7
W 8	0 38 25	8° 3'17	23°19	28°12	0♏30	0♐ 8	21°43	4°27	6°51	3°49	11°41	25°38	24°28	0°51	n.a.	W 8
T 9	0 42 21	9° 3'47	7♓ 6	29°32	1°45	0°53	21°54	4°33	6°52	3°48	11°40	25°33	24°25	0°57	n.a.	T 9
F 10	0 46 18	10° 4'19	20°43	0♏51	3° 0	1°39	22° 5	4°40	6°53	3°47	11°38	25°24	24°22	1° 4	n.a.	F 10
S 11	0 50 14	11° 4'52	4♈10	2° 8	4°14	2°25	22°15	4°47	6°54	3°45	11°37	25°13	24°18	1°11	n.a.	S 11
S 12	0 54 11	12° 5'28	17°22	3°24	5°29	3°10	22°26	4°53	6°55	3°44	11°36	25° 0	24°15	1°17	n.a.	S 12
M13	0 58 7	13° 6'04	0♉19	4°39	6°44	3°56	22°36	5° 0	6°56	3°43	11°35	24°47	24°12	1°24	n.a.	M13
T 14	1 2 4	14° 6'43	12°59	5°51	7°58	4°42	22°47	5° 7	6°57	3°42	11°34	24°34	24° 9	1°31	n.a.	T 14
W15	1 6 0	15° 7'23	25°23	7° 1	9°13	5°28	22°57	5°13	6°58	3°41	11°33	24°23	24° 6	1°37	n.a.	W15
T 16	1 9 57	16° 8'05	7♊32	8° 9	10°27	6°14	23° 7	5°20	6°59	3°40	11°32	24°15	24° 3	1°44	n.a.	T 16
F 17	1 13 54	17° 8'49	19°30	9°15	11°42	7° 0	23°17	5°27	7° 0	3°38	11°30	24°10	23°59	1°51	n.a.	F 17
S 18	1 17 50	18° 9'34	1♋20	10°17	12°56	7°46	23°27	5°34	7° 1	3°37	11°29	24° 7	23°56	1°57	n.a.	S 18
S 19	1 21 47	19°10'21	13° 7	11°15	14°11	8°32	23°37	5°40	7° 3	3°36	11°28	24° 6	23°53	2° 4	n.a.	S 19
M20	1 25 43	20°11'10	24°58	12°10	15°25	9°18	23°47	5°47	7° 4	3°35	11°27	24° 6	23°50	2°11	n.a.	M20
T 21	1 29 40	21°12'00	6♌57	13° 0	16°40	10° 5	23°56	5°54	7° 5	3°34	11°26	24° 6	23°47	2°17	n.a.	T 21
W22	1 33 36	22°12'53	19°10	13°44	17°54	10°51	24° 6	6° 1	7° 7	3°33	11°25	24° 4	23°44	2°24	n.a.	W22
T 23	1 37 33	23°13'46	1♍41	14°23	19° 9	11°37	24°15	6° 8	7° 8	3°32	11°24	24° 0	23°40	2°31	n.a.	T 23
F 24	1 41 29	24°14'41	14°36	14°56	20°23	12°23	24°25	6°15	7°10	3°31	11°23	23°53	23°37	2°37	n.a.	F 24
S 25	1 45 26	25°15'38	27°55	15°21	21°38	13°10	24°34	6°22	7°11	3°30	11°22	23°43	23°34	2°44	n.a.	S 25
S 26	1 49 23	26°16'36	11♎38	15°38	22°52	13°56	24°43	6°29	7°13	3°30	11°20	23°31	23°31	2°50	n.a.	S 26
M27	1 53 19	27°17'35	25°44	15°R47	24° 7	14°42	24°52	6°36	7°15	3°29	11°19	23°19	23°28	2°57	n.a.	M27
T 28	1 57 16	28°18'35	10♏ 6	15°45	25°21	15°29	25° 1	6°42	7°16	3°28	11°18	23° 6	23°24	3° 4	n.a.	T 28
W29	2 1 12	29°19'37	24°38	15°34	26°36	16°15	25° 9	6°49	7°18	3°27	11°17	22°55	23°21	3°10	n.a.	W29
T 30	2 5 9	0♏20'40	9♐13	15°11	27°50	17° 2	25°18	6°56	7°20	3°26	11°16	22°47	23°18	3°17	n.a.	T 30
F 31	2 9 5	1♏21'43	23♐44	14♏37	29♏ 4	17♐48	25♌27	7♏ 3	7♉22	3♓26	11♈15	22♋42	23♋15	3♋24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	0s24	11s57	4n47	8s49	1s38	8s32	0n 5	20s31	1s19	15n55	1n 6	11s 7	1n56	24s 5	0s29	11s41	1s37	9s51	15s53	21n15	21n27	21n36			n.a.
T 2	0 49	16 5	4 14	9 28	1 44	9 3	0 2	20 42	1 19	15 52	1 6	11 9	1 55	24 5	0 29	11 42	1 37	9 52	15 53	21 17	21 28	21 37			n.a.
F 3	1 13	19 17	3 26	10 6	1 49	9 33	0s 1	20 53	1 19	15 48	1 7	11 11	1 55	24 5	0 29	11 42	1 37	9 52	15 53	21 17	21 28	21 38			n.a.
S 4	1 37	21 20	2 25	10 43	1 55	10 3	0 3	21 4	1 20	15 45	1 7	11 14	1 55	24 5	0 29	11 43	1 37	9 53	15 53	21 18	21 29	21 39			n.a.
S 5	2 2	22 1	1 15	11 19	2 0	10 33	0 6	21 15	1 20	15 41	1 7	11 16	1 55	24 5	0 29	11 43	1 37	9 53	15 53	21 18	21 30	21 40			n.a.
M 6	2 26	21 19	0 1	11 55	2 5	11 3	0 8	21 25	1 20	15 38	1 7	11 18	1 55	24 5	0 29	11 44	1 37	9 54	15 53	21 18	21 30	21 40			n.a.
T 7	2 50	19 18	1s12	12 30	2 10	11 32	0 11	21 36	1 20	15 35	1 7	11 21	1 55	24 4	0 29	11 44	1 37	9 54	15 53	21 18	21 31	21 41			n.a.
W 8	3 14	16 9	2 21	13 4	2 14	12 1	0 14	21 46	1 20	15 31	1 7	11 23	1 55	24 4	0 29	11 45	1 37	9 55	15 53	21 18	21 31	21 42			n.a.
T 9	3 38	12 7	3 21	13 37	2 19	12 30	0 16	21 56	1 21	15 28	1 8	11 25	1 55	24 4	0 29	11 45	1 37	9 55	15 53	21 19	21 32	21 43			n.a.
F 10	4 3	7 31	4 8	14 9	2 22	12 59	0 19	22 6	1 21	15 24	1 8	11 27	1 54	24 4	0 29	11 46	1 37	9 55	15 53	21 21	21 32	21 43			n.a.
S 11	4 27	2 37	4 41	14 40	2 26	13 27	0 22	22 15	1 21	15 21	1 8	11 30	1 54	24 4	0 29	11 46	1 37	9 56	15 53	21 23	21 33	21 44			n.a.
S 12	4 51	2n20	4 58	15 9	2 29	13 55	0 24	22 24	1 21	15 18	1 8	11 32	1 54	24 4	0 29	11 47	1 37	9 56	15 53	21 25	21 34	21 45			n.a.
M13	5 14	7 4	4 59	15 37	2 32	14 22	0 27	22 33	1 21	15 15	1 8	11 34	1 54	24 4	0 29	11 47	1 37	9 57	15 53	21 28	21 34	21 46			n.a.
T 14	5 38	11 25	4 46	16 4	2 34	14 49	0 30	22 42	1 21	15 11	1 9	11 37	1 54	24 4	0 29	11 47	1 37	9 57	15 53	21 30	21 35	21 46			n.a.
W15	6 2	15 11	4 19	16 30	2 36	15 16	0 32	22 51	1 22	15 8	1 9	11 39	1 54	24 4	0 29	11 48	1 37	9 58	15 53	21 32	21 35	21 47			n.a.
T 16	6 26	18 15	3 40	16 53	2 37	15 43	0 35	22 59	1 22	15 5	1 9	11 42	1 54	24 4	0 29	11 48	1 37	9 58	15 53	21 34	21 36	21 48			n.a.
F 17	6 49	20 29	2 52	17 15	2 37	16 9	0 38	23 7	1 22	15 2	1 9	11 44	1 54	24 4	0 29	11 49	1 37	9 58	15 53	21 34	21 36	21 49			n.a.
S 18	7 13	21 48	1 58	17 35	2 37	16 34	0 40	23 15	1 22	14 59	1 9	11 46	1 54	24 4	0 29	11 49	1 37	9 59	15 53	21 35	21 37	21 49			n.a.
S 19	7 36	22 9	0 58	17 53	2 36	16 59	0 43	23 23	1 22	14 56	1 10	11 49	1 54	24 4	0 29	11 49	1 37	9 59	15 53	21 35	21 37	21 50			n.a.
M20	8 0	21 30	0n 5	18 9	2 35	17 24	0 45	23 30	1 22	14 52	1 10	11 51	1 53	24 4	0 29	11 50	1 37	9 59	15 53	21 35	21 38	21 51			n.a.
T 21	8 23	19 53	1 8	18 22	2 32	17 49	0 48	23 37	1 22	14 49	1 10	11 53	1 53	24 3	0 29	11 50	1 37	10 0	15 53	21 35	21 39	21 51			n.a.
W22	8 46	17 19	2 9	18 32	2 28	18 12	0 50	23 44	1 22	14 46	1 10	11 56	1 53	24 3	0 29	11 50	1 37	10 0	15 53	21 36	21 39	21 52			n.a.
T 23	9 9	13 53	3 5	18 39	2 24	18 36	0 53	23 50	1 22	14 43	1 10	11 58	1 53	24 3	0 29	11 51	1 37	10 1	15 53	21 36	21 40	21 53			n.a.
F 24	9 32	9 43	3 53	18 44	2 18	18 59	0 55	23 57	1 22	14 40	1 11	12 0	1 53	24 3	0 29	11 51	1 37	10 1	15 53	21 37	21 40	21 54			n.a.
S 25	9 54	4 58	4 31	18 44	2 11	19 21	0 58	24 3	1 22	14 38	1 11	12 3	1 53	24 3	0 29	11 51	1 37	10 1	15 53	21 39	21 41	21 54			n.a.
S 26	10 17	0s10	4 54	18 41	2 2	19 43	1 0	24 9	1 22	14 35	1 11	12 5	1 53	24 3	0 29	11 52	1 37	10 2	15 52	21 41	21 41	21 55			n.a.
M27	10 39	5 25	5 0	18 34	1 52	20 4	1 3	24 14	1 22	14 32	1 11	12 8	1 53	24 3	0 29	11 52	1 37	10 2	15 52	21 43	21 42	21 56			n.a.
T 28	11 1	10 30	4 47	18 23	1 40	20 25	1 5	24 19	1 22	14 29	1 12	12 10	1 53	24 3	0 29	11 52	1 36	10 2	15 52	21 46	21 42	21 56			n.a.
W29	11 23	15 3	4 16	18 7	1 27	20 45	1 7	24 24	1 22	14 26	1 12	12 12	1 53	24 3	0 29	11 52	1 36	10 2	15 52	21 47	21 43	21 57			n.a.
T 30	11 45	18 42	3 28	17 46	1 13	21 5	1 10	24 29	1 22	14 24	1 12	12 15	1 53	24 2	0 29	11 53	1 36	10 3	15 52	21 49	21 44	21 58			n.a.
F 31	12s 6	21s11	2n27	17s20	0s56	21s24	1s12	24s34	1s22	14n21	1n12	12s17	1n53	24s 2	0s29	11s53	1s36	10s 3	15s52	21n50	21n44	21n58			n.a.

Julian Day Number = 1499989.5, Delta T = 05h07m41s
Ecliptic obliquity = 23°46'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'47, Lahiri = -12°19'46 Julian Calendar 1 Oct. 607 BCE == Greg. Calendar 24 Sept. 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

NOVEMBER 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 13 2	2♏22'47	8♑ 7	13°R52	0♐19	18♐35	25♌35	7♏10	7♑24	3°R25	11°R14	22°R39	23♋12	3♋30	n.a.	S 1
S 2	2 16 58	3°23'52	22°20	12♏57	1°33	19°21	25°43	7°17	7°26	3♓24	11♈13	22°D39	23° 9	3°37	n.a.	S 2
M 3	2 20 55	4°24'58	6♒19	11°52	2°47	20° 8	25°51	7°24	7°28	3°24	11°12	22°R39	23° 5	3°44	n.a.	M 3
T 4	2 24 52	5°26'04	20° 7	10°39	4° 2	20°55	25°59	7°31	7°30	3°23	11°11	22♋38	23° 2	3°50	n.a.	T 4
W 5	2 28 48	6°27'11	3♓42	9°20	5°16	21°41	26° 7	7°38	7°32	3°22	11°10	22°36	22°59	3°57	n.a.	W 5
T 6	2 32 45	7°28'18	17° 7	7°58	6°30	22°28	26°15	7°45	7°34	3°22	11° 9	22°30	22°56	4° 4	n.a.	T 6
F 7	2 36 41	8°29'26	0♈20	6°35	7°45	23°15	26°23	7°52	7°36	3°21	11° 8	22°22	22°53	4°10	n.a.	F 7
S 8	2 40 38	9°30'34	13°23	5°14	8°59	24° 1	26°30	7°59	7°38	3°21	11° 7	22°11	22°50	4°17	n.a.	S 8
S 9	2 44 34	10°31'43	26°14	3°59	10°13	24°48	26°37	8° 6	7°40	3°21	11° 6	21°58	22°46	4°24	n.a.	S 9
M10	2 48 31	11°32'53	8♉53	2°50	11°27	25°35	26°45	8°13	7°43	3°20	11° 5	21°45	22°43	4°30	n.a.	M10
T 11	2 52 27	12°34'03	21°19	1°50	12°41	26°22	26°52	8°20	7°45	3°20	11° 4	21°32	22°40	4°37	n.a.	T 11
W12	2 56 24	13°35'14	3♊34	1° 1	13°55	27° 8	26°59	8°27	7°47	3°19	11° 3	21°21	22°37	4°44	n.a.	W12
T 13	3 0 21	14°36'26	15°37	0°22	15° 9	27°55	27° 5	8°34	7°50	3°19	11° 2	21°13	22°34	4°50	n.a.	T 13
F 14	3 4 17	15°37'38	27°31	29♎55	16°23	28°42	27°12	8°41	7°52	3°19	11° 1	21° 7	22°30	4°57	n.a.	F 14
S 15	3 8 14	16°38'52	9♋19	29°38	17°37	29°29	27°19	8°48	7°54	3°19	11° 0	21° 5	22°27	5° 4	n.a.	S 15
S 16	3 12 10	17°40'05	21° 6	29°D32	18°51	0♑15	27°25	8°55	7°57	3°18	10°59	21°D 4	22°24	5°10	n.a.	S 16
M17	3 16 7	18°41'20	2♌55	29°36	20° 5	1° 2	27°31	9° 2	7°59	3°18	10°59	21° 4	22°21	5°17	n.a.	M17
T 18	3 20 3	19°42'35	14°52	29°49	21°19	1°49	27°37	9° 9	8° 2	3°18	10°58	21°R 5	22°18	5°24	n.a.	T 18
W19	3 24 0	20°43'51	27° 2	0♏11	22°33	2°36	27°43	9°16	8° 5	3°18	10°57	21° 5	22°15	5°30	n.a.	W19
T 20	3 27 57	21°45'07	9♍31	0°40	23°47	3°23	27°49	9°23	8° 7	3°18	10°56	21° 3	22°11	5°37	n.a.	T 20
F 21	3 31 53	22°46'24	22°23	1°15	25° 1	4°10	27°54	9°30	8°10	3°D18	10°55	20°59	22° 8	5°43	n.a.	F 21
S 22	3 35 50	23°47'41	5♎43	1°57	26°15	4°56	28° 0	9°37	8°13	3°18	10°54	20°53	22° 5	5°50	n.a.	S 22
S 23	3 39 46	24°48'58	19°30	2°45	27°29	5°43	28° 5	9°44	8°15	3°18	10°54	20°44	22° 2	5°57	n.a.	S 23
M24	3 43 43	25°50'16	3♏45	3°37	28°43	6°30	28°10	9°51	8°18	3°18	10°53	20°35	21°59	6° 3	n.a.	M24
T 25	3 47 39	26°51'35	18°23	4°33	29°56	7°17	28°15	9°57	8°21	3°18	10°52	20°26	21°55	6°10	n.a.	T 25
W26	3 51 36	27°52'53	3♐16	5°33	1♑10	8° 4	28°20	10° 4	8°24	3°18	10°51	20°18	21°52	6°17	n.a.	W26
T 27	3 55 32	28°54'12	18°15	6°37	2°24	8°51	28°24	10°11	8°27	3°19	10°51	20°12	21°49	6°23	n.a.	T 27
F 28	3 59 29	29°55'30	3♑13	7°43	3°37	9°38	28°29	10°18	8°30	3°19	10°50	20° 8	21°46	6°30	n.a.	F 28
S 29	4 3 26	0♐56'48	18° 0	8°52	4°51	10°25	28°33	10°25	8°32	3°19	10°49	20°D 7	21°43	6°37	n.a.	S 29
S 30	4 7 22	1♐58'06	2♒31	10♏ 3	6♑ 4	11♑11	28♌37	10♏31	8♑35	3♓19	10♈49	20♋ 8	21♋40	6♋43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s28	22s15	1n16	16s50	0s39	21s42	1s14	24s38	1s22	14n18	1n13	12s19	1n53	24s 2	0s29	11s53	1s36	10s 3	15s52	21n50	21n45	21n59		n.a.
S 2	12 49	21 52	0 2	16 15	0 20	22 0	1 16	24 42	1 22	14 16	1 13	12 22	1 53	24 2	0 29	11 53	1 36	10 4	15 51	21 50	21 45	22 0		n.a.
M 3	13 10	20 6	1s12	15 36	0n 0	22 17	1 18	24 45	1 22	14 13	1 13	12 24	1 52	24 2	0 29	11 53	1 36	10 4	15 51	21 50	21 46	22 0		n.a.
T 4	13 31	17 11	2 20	14 54	0 21	22 34	1 20	24 49	1 22	14 10	1 13	12 26	1 52	24 2	0 29	11 54	1 36	10 4	15 51	21 50	21 46	22 1		n.a.
W 5	13 51	13 22	3 19	14 9	0 41	22 49	1 23	24 52	1 22	14 8	1 14	12 29	1 52	24 2	0 29	11 54	1 36	10 4	15 51	21 51	21 47	22 2		n.a.
T 6	14 12	8 56	4 7	13 23	1 2	23 5	1 25	24 55	1 22	14 6	1 14	12 31	1 52	24 2	0 29	11 54	1 36	10 5	15 51	21 52	21 47	22 2		n.a.
F 7	14 32	4 8	4 40	12 38	1 21	23 19	1 26	24 57	1 22	14 3	1 14	12 33	1 52	24 1	0 29	11 54	1 36	10 5	15 51	21 53	21 48	22 3		n.a.
S 8	14 51	0n47	4 58	11 54	1 39	23 33	1 28	24 59	1 21	14 1	1 14	12 36	1 52	24 1	0 29	11 54	1 36	10 5	15 51	21 55	21 48	22 3		n.a.
S 9	15 11	5 36	5 1	11 13	1 55	23 46	1 30	25 1	1 21	13 59	1 15	12 38	1 52	24 1	0 29	11 54	1 36	10 5	15 50	21 57	21 49	22 4		n.a.
M10	15 30	10 6	4 48	10 36	2 9	23 59	1 32	25 3	1 21	13 56	1 15	12 40	1 52	24 1	0 29	11 54	1 36	10 5	15 50	21 59	21 49	22 5		n.a.
T 11	15 49	14 7	4 22	10 4	2 21	24 11	1 34	25 4	1 21	13 54	1 15	12 43	1 52	24 1	0 29	11 55	1 36	10 6	15 50	22 1	21 50	22 5		n.a.
W12	16 8	17 29	3 45	9 37	2 31	24 22	1 35	25 5	1 21	13 52	1 15	12 45	1 52	24 1	0 29	11 55	1 36	10 6	15 50	22 3	21 50	22 6		n.a.
T 13	16 26	20 3	2 57	9 17	2 39	24 32	1 37	25 6	1 21	13 50	1 16	12 47	1 52	24 1	0 29	11 55	1 36	10 6	15 50	22 4	21 51	22 7		n.a.
F 14	16 45	21 42	2 2	9 2	2 45	24 42	1 39	25 6	1 21	13 48	1 16	12 49	1 52	24 0	0 29	11 55	1 36	10 6	15 49	22 5	21 52	22 7		n.a.
S 15	17 2	22 24	1 2	8 52	2 48	24 51	1 40	25 7	1 21	13 46	1 16	12 52	1 52	24 0	0 29	11 55	1 36	10 6	15 49	22 5	21 52	22 8		n.a.
S 16	17 20	22 5	0n 0	8 48	2 50	24 59	1 41	25 6	1 20	13 44	1 16	12 54	1 52	24 0	0 29	11 55	1 36	10 6	15 49	22 6	21 53	22 8		n.a.
M17	17 37	20 48	1 3	8 49	2 51	25 6	1 43	25 6	1 20	13 42	1 17	12 56	1 52	24 0	0 29	11 55	1 36	10 7	15 49	22 5	21 53	22 9		n.a.
T 18	17 54	18 34	2 4	8 55	2 50	25 13	1 44	25 5	1 20	13 40	1 17	12 59	1 52	24 0	0 29	11 55	1 36	10 7	15 48	22 5	21 54	22 9		n.a.
W19	18 11	15 29	3 0	9 4	2 48	25 18	1 45	25 4	1 20	13 38	1 17	13 1	1 52	24 0	0 29	11 55	1 36	10 7	15 48	22 5	21 54	22 10		n.a.
T 20	18 27	11 39	3 50	9 17	2 45	25 24	1 47	25 3	1 20	13 36	1 18	13 3	1 52	23 59	0 29	11 55	1 35	10 7	15 48	22 6	21 55	22 11		n.a.
F 21	18 43	7 10	4 29	9 34	2 41	25 28	1 48	25 1	1 19	13 35	1 18	13 5	1 52	23 59	0 29	11 55	1 35	10 7	15 48	22 6	21 55	22 11		n.a.
S 22	18 59	2 13	4 55	9 53	2 36	25 31	1 49	25 0	1 19	13 33	1 18	13 7	1 52	23 59	0 29	11 55	1 35	10 7	15 47	22 7	21 56	22 12		n.a.
S 23	19 14	3s 1	5 6	10 14	2 30	25 34	1 50	24 57	1 19	13 32	1 18	13 10	1 52	23 59	0 29	11 55	1 35	10 7	15 47	22 9	21 56	22 12		n.a.
M24	19 29	8 16	4 58	10 38	2 25	25 36	1 50	24 55	1 19	13 30	1 19	13 12	1 52	23 59	0 29	11 55	1 35	10 7	15 47	22 10	21 57	22 13		n.a.
T 25	19 43	13 12	4 31	11 3	2 18	25 37	1 51	24 52	1 18	13 29	1 19	13 14	1 52	23 58	0 29	11 54	1 35	10 7	15 47	22 11	21 57	22 13		n.a.
W26	19 58	17 25	3 45	11 29	2 11	25 38	1 52	24 49	1 18	13 27	1 19	13 16	1 52	23 58	0 29	11 54	1 35	10 7	15 46	22 13	21 58	22 14		n.a.
T 27	20 11	20 32	2 43	11 57	2 4	25 37	1 53	24 46	1 18	13 26	1 20	13 18	1 52	23 58	0 29	11 54	1 35	10 7	15 46	22 13	21 58	22 14		n.a.
F 28	20 25	22 14	1 30	12 26	1 57	25 36	1 53	24 42	1 18	13 25	1 20	13 20	1 52	23 58	0 29	11 54	1 35	10 7	15 46	22 14	21 59	22 15		n.a.
S 29	20 38	22 21	0 11	12 55	1 49	25 34	1 54	24 38	1 17	13 23	1 20	13 22	1 52	23 58	0 28	11 54	1 35	10 7	15 46	22 14	21 59	22 15		n.a.
S 30	20s50	20s57	1s 6	13s25	1n42	25s31	1s54	24s34	1s17	13n22	1n20	13s25	1n52	23s58	0s28	11s54	1s35	10s 7	15s45	22n14	22n 0	22n16		n.a.

Julian Day Number = 1500020.5, Delta T = 05h07m40s
Ecliptic obliquity = 23°46'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'42, Lahiri = -12°19'42 Julian Calendar 1 Nov. 607 BCE == Greg. Calendar 25 Oct. 607 BCE

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ASTRODIENST EPHEMERIS for the year 607 BCE
geocentric

DECEMBER 607 BCE (-606) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 11 19	2♐59'23	16♒42	11♏17	7♑18	11♑58	28♌41	10♏38	8♑38	3♓20	10°R48	20♋ 9	21♋36	6♋50	n.a.	M 1
T 2	4 15 15	4° 0'40	0♓34	12°32	8°31	12°45	28°45	10°45	8°41	3°20	10♈47	20°R10	21°33	6°57	n.a.	T 2
W 3	4 19 12	5° 1'56	14° 6	13°48	9°45	13°32	28°48	10°51	8°44	3°20	10°47	20° 9	21°30	7° 3	n.a.	W 3
T 4	4 23 8	6° 3'12	27°20	15° 7	10°58	14°19	28°51	10°58	8°47	3°21	10°46	20° 7	21°27	7°10	n.a.	T 4
F 5	4 27 5	7° 4'27	10♈19	16°26	12°12	15° 6	28°55	11° 4	8°51	3°21	10°46	20° 3	21°24	7°17	n.a.	F 5
S 6	4 31 2	8° 5'41	23° 3	17°47	13°25	15°53	28°58	11°11	8°54	3°22	10°45	19°57	21°21	7°23	n.a.	S 6
S 7	4 34 58	9° 6'55	5♉35	19° 9	14°38	16°39	29° 0	11°17	8°57	3°22	10°44	19°49	21°17	7°30	n.a.	S 7
M 8	4 38 55	10° 8'08	17°56	20°32	15°51	17°26	29° 3	11°24	9° 0	3°23	10°44	19°41	21°14	7°37	n.a.	M 8
T 9	4 42 51	11° 9'21	0♊ 7	21°56	17° 4	18°13	29° 6	11°30	9° 3	3°24	10°43	19°34	21°11	7°43	n.a.	T 9
W10	4 46 48	12°10'33	12°10	23°20	18°17	19° 0	29° 8	11°37	9° 6	3°24	10°43	19°28	21° 8	7°50	n.a.	W10
T 11	4 50 44	13°11'45	24° 6	24°46	19°30	19°47	29°10	11°43	9° 9	3°25	10°43	19°23	21° 5	7°56	n.a.	T 11
F 12	4 54 41	14°12'56	5♋56	26°12	20°43	20°33	29°12	11°49	9°13	3°26	10°42	19°20	21° 1	8° 3	n.a.	F 12
S 13	4 58 37	15°14'07	17°43	27°39	21°56	21°20	29°13	11°56	9°16	3°26	10°42	19°D19	20°58	8°10	n.a.	S 13
S 14	5 2 34	16°15'17	29°30	29° 6	23° 9	22° 7	29°15	12° 2	9°19	3°27	10°41	19°20	20°55	8°16	n.a.	S 14
M15	5 6 31	17°16'27	11♌20	0♐35	24°21	22°54	29°16	12° 8	9°23	3°28	10°41	19°21	20°52	8°23	n.a.	M15
T 16	5 10 27	18°17'36	23°17	2° 4	25°34	23°40	29°17	12°14	9°26	3°29	10°41	19°23	20°49	8°30	n.a.	T 16
W17	5 14 24	19°18'44	5♍26	3°33	26°47	24°27	29°18	12°20	9°29	3°30	10°40	19°25	20°46	8°36	n.a.	W17
T 18	5 18 20	20°19'52	17°52	5° 4	27°59	25°14	29°19	12°26	9°32	3°31	10°40	19°R25	20°42	8°43	n.a.	T 18
F 19	5 22 17	21°21'00	0♎39	6°34	29°12	26° 0	29°20	12°32	9°36	3°31	10°40	19°25	20°39	8°50	n.a.	F 19
S 20	5 26 13	22°22'07	13°51	8° 6	0♒24	26°47	29°20	12°38	9°39	3°32	10°39	19°23	20°36	8°56	n.a.	S 20
S 21	5 30 10	23°23'13	27°31	9°38	1°36	27°33	29°R20	12°44	9°43	3°33	10°39	19°21	20°33	9° 3	n.a.	S 21
M22	5 34 6	24°24'18	11♏40	11°11	2°49	28°20	29°20	12°50	9°46	3°34	10°39	19°17	20°30	9°10	n.a.	M22
T 23	5 38 3	25°25'23	26°15	12°44	4° 1	29° 7	29°20	12°56	9°49	3°36	10°39	19°14	20°27	9°16	n.a.	T 23
W24	5 42 0	26°26'27	11♐11	14°18	5°13	29°53	29°20	13° 1	9°53	3°37	10°38	19°10	20°23	9°23	n.a.	W24
T 25	5 45 56	27°27'30	26°21	15°52	6°25	0♒40	29°19	13° 7	9°56	3°38	10°38	19° 8	20°20	9°30	n.a.	T 25
F 26	5 49 53	28°28'32	11♑34	17°28	7°37	1°26	29°18	13°13	10° 0	3°39	10°38	19° 7	20°17	9°36	n.a.	F 26
S 27	5 53 49	29°29'33	26°41	19° 3	8°48	2°13	29°17	13°18	10° 3	3°40	10°38	19°D 7	20°14	9°43	n.a.	S 27
S 28	5 57 46	0♑30'32	11♒33	20°40	10° 0	2°59	29°16	13°24	10° 7	3°41	10°38	19° 8	20°11	9°50	n.a.	S 28
M29	6 1 42	1°31'30	26° 3	22°17	11°12	3°46	29°15	13°29	10°10	3°43	10°38	19° 9	20° 7	9°56	n.a.	M29
T 30	6 5 39	2°32'26	10♓10	23°55	12°23	4°32	29°13	13°35	10°13	3°44	10°38	19°10	20° 4	10° 3	n.a.	T 30
W31	6 9 36	3♑33'21	23♓51	25♐34	13♒35	5♒18	29♌11	13♏40	10♑17	3♓45	10♈38	19♋11	20♋ 1	10♋ 9	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s 3	18s15	2s19	13s56	1n34	25s28	1s54	24s30	1s17	13n21	1n21	13s27	1n52	23s57	0s28	11s54	1s35	10s 7	15s45	22n14	22n 0	22n16		n.a.
T 2	21 14	14 33	3 21	14 27	1 26	25 24	1 55	24 25	1 17	13 20	1 21	13 29	1 52	23 57	0 28	11 54	1 35	10 7	15 45	22 14	22 1	22 17		n.a.
W 3	21 26	10 11	4 11	14 57	1 18	25 19	1 55	24 20	1 16	13 19	1 21	13 31	1 52	23 57	0 28	11 53	1 35	10 7	15 44	22 14	22 1	22 17		n.a.
T 4	21 37	5 26	4 46	15 28	1 10	25 13	1 55	24 15	1 16	13 18	1 22	13 33	1 52	23 57	0 28	11 53	1 35	10 7	15 44	22 14	22 2	22 18		n.a.
F 5	21 47	0 32	5 5	15 59	1 2	25 6	1 55	24 9	1 16	13 17	1 22	13 35	1 52	23 56	0 28	11 53	1 35	10 7	15 44	22 15	22 2	22 18		n.a.
S 6	21 57	4n18	5 9	16 30	0 54	24 59	1 55	24 3	1 15	13 17	1 22	13 37	1 52	23 56	0 28	11 53	1 35	10 7	15 44	22 16	22 3	22 19		n.a.
S 7	22 7	8 53	4 58	17 0	0 46	24 51	1 55	23 57	1 15	13 16	1 23	13 39	1 52	23 56	0 28	11 52	1 35	10 7	15 43	22 17	22 3	22 19		n.a.
M 8	22 16	13 2	4 33	17 30	0 39	24 42	1 54	23 51	1 15	13 15	1 23	13 41	1 52	23 56	0 28	11 52	1 35	10 7	15 43	22 18	22 4	22 20		n.a.
T 9	22 25	16 37	3 56	18 0	0 31	24 33	1 54	23 44	1 14	13 15	1 23	13 43	1 52	23 56	0 28	11 52	1 35	10 7	15 43	22 19	22 4	22 20		n.a.
W10	22 34	19 27	3 9	18 29	0 23	24 22	1 53	23 37	1 14	13 14	1 23	13 45	1 52	23 55	0 28	11 52	1 35	10 7	15 42	22 20	22 5	22 21		n.a.
T 11	22 42	21 25	2 13	18 58	0 15	24 11	1 53	23 30	1 14	13 14	1 24	13 47	1 52	23 55	0 28	11 51	1 34	10 7	15 42	22 21	22 5	22 21		n.a.
F 12	22 49	22 25	1 13	19 26	0 8	24 0	1 52	23 23	1 13	13 13	1 24	13 48	1 52	23 55	0 28	11 51	1 34	10 7	15 42	22 21	22 6	22 22		n.a.
S 13	22 56	22 26	0 9	19 54	0 0	23 47	1 52	23 15	1 13	13 13	1 24	13 50	1 52	23 55	0 28	11 51	1 34	10 6	15 41	22 21	22 6	22 22		n.a.
S 14	23 3	21 26	0n56	20 21	0s 7	23 34	1 51	23 7	1 13	13 13	1 25	13 52	1 53	23 54	0 28	11 50	1 34	10 6	15 41	22 21	22 7	22 23		n.a.
M15	23 9	19 30	1 58	20 47	0 14	23 20	1 50	22 59	1 12	13 13	1 25	13 54	1 53	23 54	0 28	11 50	1 34	10 6	15 41	22 21	22 7	22 23		n.a.
T 16	23 15	16 42	2 56	21 12	0 21	23 6	1 49	22 50	1 12	13 12	1 25	13 56	1 53	23 54	0 28	11 50	1 34	10 6	15 40	22 21	22 8	22 24		n.a.
W17	23 20	13 9	3 47	21 37	0 28	22 51	1 48	22 42	1 11	13 12	1 26	13 58	1 53	23 54	0 28	11 49	1 34	10 6	15 40	22 20	22 8	22 24		n.a.
T 18	23 25	8 58	4 28	22 0	0 35	22 35	1 46	22 33	1 11	13 12	1 26	14 0	1 53	23 53	0 28	11 49	1 34	10 6	15 40	22 20	22 9	22 24		n.a.
F 19	23 29	4 17	4 58	22 23	0 41	22 19	1 45	22 24	1 11	13 12	1 26	14 1	1 53	23 53	0 28	11 49	1 34	10 5	15 39	22 20	22 9	22 25		n.a.
S 20	23 33	0s44	5 13	22 44	0 48	22 2	1 44	22 14	1 10	13 13	1 27	14 3	1 53	23 53	0 28	11 48	1 34	10 5	15 39	22 21	22 10	22 25		n.a.
S 21	23 36	5 54	5 11	23 5	0 54	21 44	1 42	22 4	1 10	13 13	1 27	14 5	1 53	23 53	0 28	11 48	1 34	10 5	15 39	22 21	22 10	22 26		n.a.
M22	23 39	10 56	4 51	23 25	1 0	21 26	1 41	21 55	1 9	13 13	1 27	14 7	1 53	23 52	0 28	11 47	1 34	10 5	15 38	22 22	22 11	22 26		n.a.
T 23	23 41	15 30	4 12	23 43	1 5	21 7	1 39	21 44	1 9	13 14	1 28	14 8	1 53	23 52	0 28	11 47	1 34	10 5	15 38	22 22	22 11	22 26		n.a.
W24	23 43	19 13	3 14	24 0	1 11	20 48	1 37	21 34	1 9	13 14	1 28	14 10	1 53	23 52	0 28	11 46	1 34	10 4	15 38	22 23	22 12	22 27		n.a.
T 25	23 45	21 40	2 3	24 16	1 16	20 28	1 36	21 24	1 8	13 14	1 28	14 12	1 53	23 52	0 28	11 46	1 34	10 4	15 37	22 23	22 12	22 27		n.a.
F 26	23 45	22 34	0 42	24 31	1 21	20 8	1 34	21 13	1 8	13 15	1 28	14 13	1 53	23 51	0 28	11 46	1 34	10 4	15 37	22 23	22 13	22 28		n.a.
S 27	23 46	21 47	0s42	24 44	1 26	19 47	1 32	21 2	1 7	13 16	1 29	14 15	1 53	23 51	0 28	11 45	1 34	10 4	15 37	22 23	22 13	22 28		n.a.
S 28	23 46	19 29	2 1	24 56	1 31	19 25	1 30	20 50	1 7	13 16	1 29	14 16	1 53	23 51	0 28	11 45	1 34	10 3	15 36	22 23	22 14	22 28		n.a.
M29	23 46	15 59	3 11	25 7	1 35	19 3	1 27	20 39	1 6	13 17	1 29	14 18	1 54	23 51	0 28	11 44	1 34	10 3	15 36	22 23	22 14	22 29		n.a.
T 30	23 45	11 39	4 7	25 16	1 39	18 41	1 25	20 27	1 6	13 18	1 30	14 19	1 54	23 50	0 28	11 44	1 34	10 3	15 36	22 23	22 15	22 29		n.a.
W31	23s43	6s51	4s47	25s24	1s43	18s18	1s23	20s16	1s 5	13n19	1n30	14s21	1n54	23s50	0s28	11s43	1s34	10s 2	15s35	22n22	22n15	22n29		n.a.

Julian Day Number = 1500050.5, Delta T = 05h07m38s
Ecliptic obliquity = 23°46'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'38, Lahiri = -12°19'38 Julian Calendar 1 Dec. 607 BCE == Greg. Calendar 24 Nov. 607 BCE

The year -606 astronomical counting style corresponds to year 607 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

JANUARY 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 13 32	4♑34'14	7♈ 7	27♐13	14♒46	6♒ 5	29°R10	13♏45	10♑20	3♓47	10°D38	19°R11	19♋58	10♋16	n.a.	T 1
F 2	6 17 29	5°35'06	20° 2	28°53	15°57	6°51	29♌ 7	13°50	10°24	3°48	10♈38	19♋11	19°55	10°23	n.a.	F 2
S 3	6 21 25	6°35'56	2♉38	0♑34	17° 8	7°37	29° 5	13°56	10°27	3°49	10°38	19°10	19°52	10°29	n.a.	S 3
S 4	6 25 22	7°36'44	14°59	2°15	18°19	8°24	29° 3	14° 1	10°31	3°51	10°38	19° 8	19°48	10°36	n.a.	S 4
M 5	6 29 18	8°37'31	27° 8	3°58	19°30	9°10	29° 0	14° 6	10°34	3°52	10°38	19° 7	19°45	10°43	n.a.	M 5
T 6	6 33 15	9°38'16	9♊ 7	5°41	20°41	9°56	28°57	14°11	10°38	3°54	10°38	19° 5	19°42	10°49	n.a.	T 6
W 7	6 37 11	10°38'59	21° 1	7°25	21°51	10°42	28°54	14°16	10°41	3°55	10°38	19° 4	19°39	10°56	n.a.	W 7
T 8	6 41 8	11°39'41	2♋50	9° 9	23° 2	11°28	28°51	14°20	10°45	3°57	10°38	19° 3	19°36	11° 3	n.a.	T 8
F 9	6 45 5	12°40'21	14°38	10°55	24°12	12°14	28°47	14°25	10°48	3°58	10°39	19°D 3	19°33	11° 9	n.a.	F 9
S 10	6 49 1	13°41'00	26°27	12°41	25°22	13° 1	28°44	14°30	10°52	4° 0	10°39	19° 3	19°29	11°16	n.a.	S 10
S 11	6 52 58	14°41'37	8♌17	14°28	26°33	13°47	28°40	14°34	10°55	4° 1	10°39	19° 3	19°26	11°23	n.a.	S 11
M12	6 56 54	15°42'13	20°13	16°16	27°42	14°33	28°36	14°39	10°59	4° 3	10°39	19° 4	19°23	11°29	n.a.	M12
T 13	7 0 51	16°42'47	2♍17	18° 5	28°52	15°18	28°32	14°43	11° 2	4° 5	10°39	19° 4	19°20	11°36	n.a.	T 13
W14	7 4 47	17°43'20	14°31	19°55	0♓ 2	16° 4	28°28	14°48	11° 6	4° 6	10°40	19° 4	19°17	11°43	n.a.	W14
T 15	7 8 44	18°43'51	26°59	21°45	1°11	16°50	28°23	14°52	11° 9	4° 8	10°40	19°R 4	19°13	11°49	n.a.	T 15
F 16	7 12 40	19°44'20	9♎45	23°36	2°21	17°36	28°19	14°56	11°13	4°10	10°40	19° 4	19°10	11°56	n.a.	F 16
S 17	7 16 37	20°44'48	22°51	25°27	3°30	18°22	28°14	15° 0	11°16	4°11	10°41	19°D 4	19° 7	12° 2	n.a.	S 17
S 18	7 20 34	21°45'15	6♏21	27°19	4°39	19° 8	28° 9	15° 5	11°20	4°13	10°41	19° 4	19° 4	12° 9	n.a.	S 18
M19	7 24 30	22°45'40	20°16	29°12	5°48	19°53	28° 4	15° 9	11°23	4°15	10°41	19° 4	19° 1	12°16	n.a.	M19
T 20	7 28 27	23°46'04	4♐36	1♒ 5	6°56	20°39	27°59	15°12	11°26	4°17	10°42	19° 5	18°58	12°22	n.a.	T 20
W21	7 32 23	24°46'26	19°18	2°57	8° 5	21°25	27°54	15°16	11°30	4°19	10°42	19° 5	18°54	12°29	n.a.	W21
T 22	7 36 20	25°46'47	4♑18	4°50	9°13	22°10	27°48	15°20	11°33	4°21	10°43	19° 6	18°51	12°36	n.a.	T 22
F 23	7 40 16	26°47'06	19°28	6°43	10°21	22°56	27°42	15°24	11°37	4°22	10°43	19°R 6	18°48	12°42	n.a.	F 23
S 24	7 44 13	27°47'23	4♒39	8°35	11°29	23°42	27°37	15°27	11°40	4°24	10°44	19° 6	18°45	12°49	n.a.	S 24
S 25	7 48 9	28°47'38	19°40	10°26	12°37	24°27	27°31	15°31	11°44	4°26	10°44	19° 5	18°42	12°56	n.a.	S 25
M26	7 52 6	29°47'51	4♓24	12°16	13°45	25°13	27°25	15°34	11°47	4°28	10°45	19° 4	18°39	13° 2	n.a.	M26
T 27	7 56 3	0♒48'02	18°45	14° 5	14°52	25°58	27°18	15°38	11°50	4°30	10°45	19° 2	18°35	13° 9	n.a.	T 27
W28	7 59 59	1°48'10	2♈39	15°52	15°59	26°43	27°12	15°41	11°54	4°32	10°46	19° 1	18°32	13°16	n.a.	W28
T 29	8 3 56	2°48'16	16° 5	17°36	17° 6	27°29	27° 6	15°44	11°57	4°34	10°46	19° 0	18°29	13°22	n.a.	T 29
F 30	8 7 52	3°48'20	29° 5	19°17	18°13	28°14	26°59	15°47	12° 0	4°36	10°47	18°D59	18°26	13°29	n.a.	F 30
S 31	8 11 49	4♒48'22	11♉42	20♒55	19♓20	28♒59	26♌53	15♏50	12♑ 3	4♓38	10♈48	18♋59	18♋23	13♋36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s41	1s52	5s10	25s30	1s46	17s54	1s20	20s 3	1s 5	13n20	1n30	14s23	1n54	23s50	0s28	11s43	1s34	10s 2	15s35	22n22	22n16	22n30		n.a.
F 2	23 39	3n 3	5 17	25 35	1 49	17 30	1 18	19 51	1 5	13 21	1 31	14 24	1 54	23 50	0 28	11 42	1 34	10 2	15 35	22 22	22 16	22 30		n.a.
S 3	23 36	7 44	5 8	25 38	1 52	17 6	1 15	19 39	1 4	13 22	1 31	14 25	1 54	23 49	0 28	11 41	1 33	10 1	15 34	22 23	22 17	22 31		n.a.
S 4	23 33	12 0	4 45	25 39	1 54	16 41	1 12	19 26	1 4	13 23	1 31	14 27	1 54	23 49	0 28	11 41	1 33	10 1	15 34	22 23	22 17	22 31		n.a.
M 5	23 29	15 44	4 10	25 39	1 57	16 16	1 9	19 13	1 3	13 24	1 31	14 28	1 54	23 49	0 28	11 40	1 33	10 1	15 34	22 23	22 17	22 31		n.a.
T 6	23 25	18 46	3 24	25 37	1 58	15 51	1 6	19 0	1 3	13 26	1 32	14 30	1 54	23 48	0 28	11 40	1 33	10 0	15 33	22 23	22 18	22 32		n.a.
W 7	23 20	20 58	2 30	25 33	2 0	15 25	1 3	18 47	1 2	13 27	1 32	14 31	1 54	23 48	0 28	11 39	1 33	10 0	15 33	22 23	22 18	22 32		n.a.
T 8	23 15	22 15	1 29	25 27	2 0	14 58	1 0	18 34	1 2	13 28	1 32	14 32	1 55	23 48	0 28	11 39	1 33	10 0	15 33	22 24	22 19	22 32		n.a.
F 9	23 9	22 33	0 24	25 19	2 1	14 32	0 57	18 20	1 1	13 30	1 33	14 34	1 55	23 48	0 28	11 38	1 33	9 59	15 32	22 24	22 19	22 33		n.a.
S 10	23 3	21 49	0n41	25 10	2 1	14 5	0 54	18 6	1 1	13 31	1 33	14 35	1 55	23 47	0 28	11 37	1 33	9 59	15 32	22 24	22 20	22 33		n.a.
S 11	22 57	20 8	1 45	24 58	2 0	13 38	0 50	17 53	1 0	13 33	1 33	14 36	1 55	23 47	0 28	11 37	1 33	9 59	15 32	22 24	22 20	22 33		n.a.
M12	22 50	17 33	2 45	24 44	2 0	13 10	0 47	17 39	1 0	13 35	1 33	14 37	1 55	23 47	0 28	11 36	1 33	9 58	15 31	22 23	22 21	22 33		n.a.
T 13	22 42	14 11	3 38	24 29	1 58	12 42	0 43	17 24	0 59	13 36	1 34	14 39	1 55	23 46	0 28	11 35	1 33	9 58	15 31	22 23	22 21	22 34		n.a.
W14	22 35	10 12	4 22	24 11	1 56	12 14	0 40	17 10	0 59	13 38	1 34	14 40	1 55	23 46	0 29	11 35	1 33	9 57	15 31	22 23	22 22	22 34		n.a.
T 15	22 26	5 43	4 55	23 51	1 54	11 46	0 36	16 55	0 58	13 40	1 34	14 41	1 55	23 46	0 29	11 34	1 33	9 57	15 30	22 23	22 22	22 34		n.a.
F 16	22 18	0 53	5 14	23 29	1 51	11 17	0 32	16 41	0 57	13 42	1 35	14 42	1 55	23 46	0 29	11 33	1 33	9 56	15 30	22 23	22 23	22 35		n.a.
S 17	22 8	4s 6	5 17	23 5	1 47	10 48	0 28	16 26	0 57	13 44	1 35	14 43	1 56	23 45	0 29	11 33	1 33	9 56	15 30	22 23	22 23	22 35		n.a.
S 18	21 59	9 2	5 4	22 40	1 43	10 19	0 25	16 11	0 56	13 46	1 35	14 44	1 56	23 45	0 29	11 32	1 33	9 56	15 29	22 23	22 23	22 35		n.a.
M19	21 49	13 41	4 32	22 12	1 38	9 50	0 20	15 56	0 56	13 48	1 35	14 45	1 56	23 45	0 29	11 31	1 33	9 55	15 29	22 23	22 24	22 35		n.a.
T 20	21 39	17 42	3 43	21 42	1 32	9 20	0 16	15 41	0 55	13 50	1 36	14 46	1 56	23 44	0 29	11 31	1 33	9 55	15 29	22 23	22 24	22 36		n.a.
W21	21 28	20 42	2 38	21 10	1 26	8 51	0 12	15 25	0 55	13 52	1 36	14 47	1 56	23 44	0 29	11 30	1 33	9 54	15 28	22 23	22 25	22 36		n.a.
T 22	21 17	22 20	1 21	20 36	1 19	8 21	0 8	15 10	0 54	13 54	1 36	14 48	1 56	23 44	0 29	11 29	1 33	9 54	15 28	22 23	22 25	22 36		n.a.
F 23	21 5	22 22	0s 2	20 0	1 12	7 51	0 4	14 54	0 54	13 56	1 36	14 49	1 56	23 44	0 29	11 29	1 33	9 53	15 28	22 23	22 26	22 36		n.a.
S 24	20 53	20 45	1 25	19 23	1 3	7 20	0n 1	14 38	0 53	13 58	1 37	14 50	1 56	23 43	0 29	11 28	1 33	9 53	15 27	22 23	22 26	22 37		n.a.
S 25	20 41	17 41	2 42	18 44	0 54	6 50	0 5	14 23	0 53	14 1	1 37	14 51	1 57	23 43	0 29	11 27	1 33	9 52	15 27	22 23	22 27	22 37		n.a.
M26	20 28	13 31	3 46	18 4	0 45	6 20	0 10	14 7	0 52	14 3	1 37	14 52	1 57	23 43	0 29	11 26	1 33	9 52	15 27	22 23	22 27	22 37		n.a.
T 27	20 15	8 42	4 34	17 23	0 34	5 49	0 14	13 51	0 51	14 5	1 37	14 53	1 57	23 42	0 29	11 26	1 33	9 51	15 26	22 24	22 27	22 37		n.a.
W28	20 2	3 35	5 4	16 40	0 23	5 19	0 19	13 34	0 51	14 8	1 37	14 54	1 57	23 42	0 29	11 25	1 33	9 51	15 26	22 24	22 28	22 37		n.a.
T 29	19 48	1n33	5 17	15 57	0 12	4 48	0 23	13 18	0 50	14 10	1 38	14 55	1 57	23 42	0 29	11 24	1 33	9 50	15 26	22 24	22 28	22 38		n.a.
F 30	19 34	6 26	5 12	15 14	0n 1	4 17	0 28	13 2	0 50	14 13	1 38	14 55	1 57	23 42	0 29	11 23	1 33	9 50	15 25	22 24	22 29	22 38		n.a.
S 31	19s19	10n55	4s53	14s30	0n13	3s47	0n33	12s45	0s49	14n15	1n38	14s56	1n57	23s41	0s29	11s23	1s33	9s49	15s25	22n24	22n29	22n38		n.a.

Julian Day Number = 1500081.5, Delta T = 05h07m37s
Ecliptic obliquity = 23°46'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'34, Lahiri = -12°19'34 Julian Calendar 1 Jan. 606 BCE == Greg. Calendar 25 Dec. 607 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

FEBRUARY 606 BCE (-605) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 15 45	5♒48'21	24♉ 0	22♒30	20♓26	29♒44	26°R46	15♏53	12♑ 7	4♓40	10♈48	19♋ 0	18♋19	13♋42	n.a.	S 1
M 2	8 19 42	6°48'18	6♊ 4	23°59	21°32	0♓30	26♌39	15°56	12°10	4°42	10°49	19° 1	18°16	13°49	n.a.	M 2
T 3	8 23 38	7°48'13	17°58	25°24	22°38	1°15	26°32	15°58	12°13	4°44	10°50	19° 3	18°13	13°55	n.a.	T 3
W 4	8 27 35	8°48'06	29°46	26°43	23°43	2° 0	26°25	16° 1	12°16	4°46	10°50	19° 4	18°10	14° 2	n.a.	W 4
T 5	8 31 32	9°47'56	11♋33	27°56	24°48	2°45	26°18	16° 4	12°20	4°48	10°51	19° 5	18° 7	14° 9	n.a.	T 5
F 6	8 35 28	10°47'44	23°21	29° 2	25°53	3°30	26°11	16° 6	12°23	4°50	10°52	19°R 6	18° 4	14°15	n.a.	F 6
S 7	8 39 25	11°47'30	5♌13	0♈ 1	26°58	4°15	26° 4	16° 8	12°26	4°53	10°53	19° 5	18° 0	14°22	n.a.	S 7
S 8	8 43 21	12°47'14	17°12	0°53	28° 3	5° 0	25°56	16°11	12°29	4°55	10°53	19° 2	17°57	14°29	n.a.	S 8
M 9	8 47 18	13°46'56	29°18	1°37	29° 7	5°44	25°49	16°13	12°32	4°57	10°54	18°59	17°54	14°35	n.a.	M 9
T 10	8 51 14	14°46'35	11♍34	2°13	0♈10	6°29	25°41	16°15	12°35	4°59	10°55	18°55	17°51	14°42	n.a.	T 10
W11	8 55 11	15°46'13	24° 1	2°41	1°14	7°14	25°34	16°17	12°38	5° 1	10°56	18°50	17°48	14°49	n.a.	W11
T 12	8 59 7	16°45'49	6♎41	3° 0	2°17	7°59	25°26	16°19	12°41	5° 3	10°57	18°46	17°45	14°55	n.a.	T 12
F 13	9 3 4	17°45'22	19°35	3°11	3°20	8°43	25°19	16°20	12°44	5° 5	10°58	18°42	17°41	15° 2	n.a.	F 13
S 14	9 7 0	18°44'54	2♏44	3°R14	4°22	9°28	25°11	16°22	12°47	5° 8	10°58	18°40	17°38	15° 9	n.a.	S 14
S 15	9 10 57	19°44'24	16°11	3° 8	5°25	10°13	25° 3	16°24	12°50	5°10	10°59	18°D39	17°35	15°15	n.a.	S 15
M16	9 14 54	20°43'52	29°56	2°55	6°26	10°57	24°56	16°25	12°53	5°12	11° 0	18°39	17°32	15°22	n.a.	M16
T 17	9 18 50	21°43'18	14♐ 0	2°34	7°28	11°42	24°48	16°27	12°56	5°14	11° 1	18°40	17°29	15°28	n.a.	T 17
W18	9 22 47	22°42'43	28°23	2° 7	8°29	12°26	24°40	16°28	12°59	5°16	11° 2	18°42	17°25	15°35	n.a.	W18
T 19	9 26 43	23°42'05	13♑ 3	1°33	9°30	13°10	24°32	16°29	13° 2	5°19	11° 3	18°R43	17°22	15°42	n.a.	T 19
F 20	9 30 40	24°41'26	27°53	0°54	10°30	13°55	24°25	16°30	13° 5	5°21	11° 4	18°43	17°19	15°48	n.a.	F 20
S 21	9 34 36	25°40'45	12♒49	0°11	11°30	14°39	24°17	16°31	13° 8	5°23	11° 5	18°41	17°16	15°55	n.a.	S 21
S 22	9 38 33	26°40'01	27°42	29♒24	12°29	15°23	24° 9	16°32	13°10	5°25	11° 6	18°37	17°13	16° 2	n.a.	S 22
M23	9 42 29	27°39'15	12♓24	28°35	13°28	16° 7	24° 1	16°33	13°13	5°28	11° 7	18°32	17°10	16° 8	n.a.	M23
T 24	9 46 26	28°38'27	26°47	27°44	14°27	16°52	23°54	16°34	13°16	5°30	11° 8	18°25	17° 6	16°15	n.a.	T 24
W25	9 50 23	29°37'37	10♈46	26°53	15°25	17°36	23°46	16°34	13°19	5°32	11° 9	18°19	17° 3	16°22	n.a.	W25
T 26	9 54 19	0♓36'44	24°19	26° 2	16°23	18°20	23°38	16°35	13°21	5°34	11°10	18°13	17° 0	16°28	n.a.	T 26
F 27	9 58 16	1°35'49	7♉24	25°13	17°20	19° 4	23°31	16°35	13°24	5°37	11°11	18° 9	16°57	16°35	n.a.	F 27
S 28	10 2 12	2♓34'51	20♉ 6	24♒27	18♈16	19♓48	23♌23	16♏36	13♑26	5♓39	11♈12	18♋ 6	16♋54	16♋42	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19s 5	14n50	4s20	13s47	0n27	3s16	0n38	12s28	0s49	14n18	1n38	14s57	1n57	23s41	0s29	11s22	1s33	9s49	15s25	22n24	22n30	22n38			n.a.
M 2	18 50	18 4	3 36	13 4	0 40	2 45	0 43	12 12	0 48	14 20	1 38	14 57	1 58	23 41	0 29	11 21	1 33	9 48	15 24	22 24	22 30	22 38			n.a.
T 3	18 34	20 30	2 44	12 23	0 54	2 14	0 48	11 55	0 47	14 23	1 38	14 58	1 58	23 40	0 29	11 20	1 33	9 47	15 24	22 24	22 31	22 39			n.a.
W 4	18 18	22 1	1 45	11 42	1 9	1 43	0 53	11 38	0 47	14 25	1 39	14 59	1 58	23 40	0 29	11 20	1 33	9 47	15 24	22 23	22 31	22 39			n.a.
T 5	18 2	22 34	0 42	11 4	1 23	1 13	0 58	11 21	0 46	14 28	1 39	14 59	1 58	23 40	0 29	11 19	1 33	9 46	15 23	22 23	22 31	22 39			n.a.
F 6	17 46	22 6	0n24	10 27	1 37	0 42	1 3	11 4	0 46	14 31	1 39	15 0	1 58	23 40	0 29	11 18	1 33	9 46	15 23	22 23	22 32	22 39			n.a.
S 7	17 29	20 39	1 28	9 53	1 52	0 11	1 8	10 47	0 45	14 33	1 39	15 0	1 58	23 39	0 29	11 17	1 33	9 45	15 23	22 23	22 32	22 39			n.a.
S 8	17 12	18 15	2 29	9 21	2 6	0n20	1 13	10 30	0 45	14 36	1 39	15 1	1 58	23 39	0 29	11 16	1 33	9 45	15 23	22 24	22 33	22 39			n.a.
M 9	16 55	15 3	3 24	8 53	2 19	0 50	1 18	10 13	0 44	14 39	1 39	15 1	1 59	23 39	0 29	11 16	1 33	9 44	15 22	22 24	22 33	22 40			n.a.
T 10	16 37	11 10	4 10	8 27	2 33	1 21	1 24	9 55	0 43	14 41	1 40	15 2	1 59	23 38	0 29	11 15	1 33	9 43	15 22	22 25	22 34	22 40			n.a.
W11	16 20	6 45	4 45	8 6	2 45	1 51	1 29	9 38	0 43	14 44	1 40	15 2	1 59	23 38	0 29	11 14	1 33	9 43	15 22	22 25	22 34	22 40			n.a.
T 12	16 2	2 0	5 7	7 48	2 57	2 21	1 34	9 21	0 42	14 47	1 40	15 3	1 59	23 38	0 29	11 13	1 33	9 42	15 21	22 26	22 34	22 40			n.a.
F 13	15 43	2s56	5 13	7 34	3 8	2 52	1 40	9 3	0 42	14 49	1 40	15 3	1 59	23 38	0 29	11 12	1 33	9 42	15 21	22 26	22 35	22 40			n.a.
S 14	15 25	7 50	5 4	7 24	3 17	3 22	1 45	8 45	0 41	14 52	1 40	15 3	1 59	23 37	0 29	11 11	1 32	9 41	15 21	22 27	22 35	22 40			n.a.
S 15	15 6	12 28	4 38	7 18	3 26	3 52	1 50	8 28	0 40	14 55	1 40	15 4	1 59	23 37	0 29	11 11	1 32	9 41	15 21	22 27	22 36	22 40			n.a.
M16	14 47	16 34	3 56	7 16	3 33	4 22	1 56	8 10	0 40	14 58	1 40	15 4	2 0	23 37	0 29	11 10	1 32	9 40	15 20	22 27	22 36	22 41			n.a.
T 17	14 27	19 50	2 59	7 19	3 38	4 51	2 1	7 53	0 39	15 0	1 40	15 4	2 0	23 37	0 29	11 9	1 32	9 39	15 20	22 27	22 36	22 41			n.a.
W18	14 8	21 57	1 49	7 25	3 42	5 21	2 7	7 35	0 39	15 3	1 40	15 5	2 0	23 36	0 29	11 8	1 32	9 39	15 20	22 27	22 37	22 41			n.a.
T 19	13 48	22 36	0 31	7 35	3 44	5 50	2 12	7 17	0 38	15 6	1 40	15 5	2 0	23 36	0 29	11 7	1 32	9 38	15 20	22 26	22 37	22 41			n.a.
F 20	13 28	21 41	0s50	7 49	3 44	6 19	2 18	6 59	0 37	15 8	1 40	15 5	2 0	23 36	0 29	11 6	1 32	9 38	15 19	22 26	22 38	22 41			n.a.
S 21	13 8	19 14	2 8	8 6	3 42	6 48	2 23	6 41	0 37	15 11	1 40	15 5	2 0	23 36	0 29	11 6	1 32	9 37	15 19	22 27	22 38	22 41			n.a.
S 22	12 48	15 30	3 16	8 25	3 39	7 16	2 29	6 23	0 36	15 14	1 40	15 5	2 1	23 35	0 29	11 5	1 32	9 36	15 19	22 27	22 39	22 41			n.a.
M23	12 27	10 51	4 11	8 48	3 34	7 45	2 34	6 5	0 35	15 16	1 41	15 5	2 1	23 35	0 29	11 4	1 32	9 36	15 19	22 28	22 39	22 41			n.a.
T 24	12 6	5 42	4 49	9 12	3 27	8 13	2 40	5 47	0 35	15 19	1 41	15 5	2 1	23 35	0 29	11 3	1 32	9 35	15 18	22 29	22 39	22 41			n.a.
W25	11 46	0 23	5 8	9 37	3 18	8 41	2 45	5 30	0 34	15 22	1 41	15 5	2 1	23 35	0 29	11 2	1 32	9 34	15 18	22 30	22 40	22 41			n.a.
T 26	11 24	4n47	5 8	10 4	3 8	9 9	2 51	5 12	0 34	15 24	1 41	15 5	2 1	23 34	0 29	11 1	1 32	9 34	15 18	22 31	22 40	22 41			n.a.
F 27	11 3	9 33	4 53	10 31	2 56	9 36	2 56	4 53	0 33	15 27	1 41	15 5	2 1	23 34	0 29	11 1	1 32	9 33	15 18	22 31	22 41	22 41			n.a.
S 28	10s42	13n47	4s23	10s59	2n44	10n 3	3n 2	4s35	0s32	15n29	1n41	15s 5	2n 1	23s34	0s29	11s 0	1s32	9s33	15s17	22n32	22n41	22n41			n.a.

Julian Day Number = 1500112.5, Delta T = 05h07m35s
Ecliptic obliquity = 23°46'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'30, Lahiri = -12°19'30 Julian Calendar 1 Feb. 606 BCE == Greg. Calendar 25 Jan. 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

MARCH 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 6 9	3♓33'51	2♊26	23°R43	19♈12	20♓32	23°R15	16♏36	13♑29	5♓41	11♈13	18°D 5	16♋50	16♋48	n.a.	S 1
M 2	10 10 5	4°32'49	14°31	23♒ 4	20° 8	21°15	23♌ 8	16°36	13°31	5°43	11°15	18♋ 5	16°47	16°55	n.a.	M 2
T 3	10 14 2	5°31'44	26°24	22°29	21° 3	21°59	23° 0	16°R36	13°34	5°46	11°16	18° 7	16°44	17° 2	n.a.	T 3
W 4	10 17 58	6°30'37	8♋12	21°59	21°57	22°43	22°53	16°36	13°36	5°48	11°17	18° 8	16°41	17° 8	n.a.	W 4
T 5	10 21 55	7°29'27	19°59	21°33	22°51	23°27	22°46	16°36	13°39	5°50	11°18	18°R 8	16°38	17°15	n.a.	T 5
F 6	10 25 51	8°28'15	1♌49	21°13	23°44	24°10	22°38	16°35	13°41	5°53	11°19	18° 7	16°35	17°21	n.a.	F 6
S 7	10 29 48	9°27'01	13°47	20°59	24°36	24°54	22°31	16°35	13°43	5°55	11°20	18° 4	16°31	17°28	n.a.	S 7
S 8	10 33 45	10°25'45	25°54	20°50	25°28	25°37	22°24	16°35	13°46	5°57	11°21	17°59	16°28	17°35	n.a.	S 8
M 9	10 37 41	11°24'26	8♍14	20°D46	26°19	26°21	22°17	16°34	13°48	5°59	11°23	17°51	16°25	17°41	n.a.	M 9
T 10	10 41 38	12°23'06	20°47	20°48	27° 9	27° 4	22°10	16°33	13°50	6° 2	11°24	17°42	16°22	17°48	n.a.	T 10
W11	10 45 34	13°21'43	3♎32	20°55	27°59	27°48	22° 3	16°33	13°52	6° 4	11°25	17°32	16°19	17°55	n.a.	W11
T 12	10 49 31	14°20'18	16°31	21° 6	28°47	28°31	21°57	16°32	13°54	6° 6	11°26	17°22	16°16	18° 1	n.a.	T 12
F 13	10 53 27	15°18'52	29°43	21°23	29°35	29°14	21°50	16°31	13°56	6° 8	11°28	17°13	16°12	18° 8	n.a.	F 13
S 14	10 57 24	16°17'23	13♏ 6	21°45	0♉22	29°58	21°43	16°30	13°59	6°11	11°29	17° 7	16° 9	18°15	n.a.	S 14
S 15	11 1 20	17°15'53	26°41	22°11	1° 8	0♈41	21°37	16°29	14° 1	6°13	11°30	17° 3	16° 6	18°21	n.a.	S 15
M16	11 5 17	18°14'21	10♐27	22°41	1°53	1°24	21°31	16°28	14° 3	6°15	11°31	17° 1	16° 3	18°28	n.a.	M16
T 17	11 9 13	19°12'48	24°25	23°16	2°38	2° 7	21°25	16°26	14° 4	6°17	11°33	17°D 1	16° 0	18°35	n.a.	T 17
W18	11 13 10	20°11'12	8♑34	23°54	3°21	2°50	21°18	16°25	14° 6	6°20	11°34	17° 1	15°56	18°41	n.a.	W18
T 19	11 17 7	21° 9'36	22°53	24°37	4° 3	3°33	21°13	16°23	14° 8	6°22	11°35	17°R 1	15°53	18°48	n.a.	T 19
F 20	11 21 3	22° 7'57	7♒20	25°22	4°45	4°16	21° 7	16°22	14°10	6°24	11°36	17° 0	15°50	18°54	n.a.	F 20
S 21	11 25 0	23° 6'17	21°52	26°12	5°25	4°59	21° 1	16°20	14°12	6°26	11°38	16°56	15°47	19° 1	n.a.	S 21
S 22	11 28 56	24° 4'35	6♓23	27° 4	6° 4	5°42	20°55	16°18	14°13	6°28	11°39	16°49	15°44	19° 8	n.a.	S 22
M23	11 32 53	25° 2'51	20°46	28° 0	6°41	6°25	20°50	16°16	14°15	6°30	11°40	16°40	15°41	19°14	n.a.	M23
T 24	11 36 49	26° 1'05	4♈57	28°59	7°18	7° 7	20°45	16°14	14°17	6°33	11°42	16°29	15°37	19°21	n.a.	T 24
W25	11 40 46	26°59'17	18°48	0♓ 0	7°53	7°50	20°40	16°12	14°18	6°35	11°43	16°18	15°34	19°28	n.a.	W25
T 26	11 44 42	27°57'27	2♉17	1° 5	8°27	8°33	20°35	16°10	14°20	6°37	11°44	16° 8	15°31	19°34	n.a.	T 26
F 27	11 48 39	28°55'35	15°22	2°12	9° 0	9°15	20°30	16° 8	14°21	6°39	11°46	15°59	15°28	19°41	n.a.	F 27
S 28	11 52 36	29°53'42	28° 4	3°21	9°31	9°58	20°25	16° 6	14°23	6°41	11°47	15°53	15°25	19°48	n.a.	S 28
S 29	11 56 32	0♈51'46	10♊26	4°34	10° 1	10°40	20°21	16° 3	14°24	6°43	11°48	15°49	15°22	19°54	n.a.	S 29
M30	12 0 29	1°49'48	22°32	5°48	10°29	11°23	20°16	16° 1	14°26	6°45	11°50	15°47	15°18	20° 1	n.a.	M30
T 31	12 4 25	2♈47'48	4♋27	7♓ 5	10♉56	12♈ 5	20♌12	15♏58	14♑27	6♓48	11♈51	15°D47	15♋15	20♋ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	10s20	17n18	3s42	11s26	2n30	10n30	3n 7	4s17	0s32	15n32	1n41	15s 5	2n 2	23s34	0s29	10s59	1s32	9s32	15s17	22n32	22n41	22n41			n.a.
M 2	9 58	20 0	2 52	11 52	2 16	10 56	3 12	3 59	0 31	15 34	1 41	15 5	2 2	23 33	0 29	10 58	1 32	9 31	15 17	22 32	22 42	22 42			n.a.
T 3	9 37	21 48	1 55	12 18	2 1	11 22	3 18	3 41	0 31	15 37	1 41	15 5	2 2	23 33	0 29	10 57	1 32	9 31	15 17	22 31	22 42	22 42			n.a.
W 4	9 15	22 37	0 54	12 42	1 46	11 48	3 23	3 23	0 30	15 39	1 41	15 5	2 2	23 33	0 29	10 56	1 32	9 30	15 17	22 31	22 43	22 42			n.a.
T 5	8 53	22 25	0n10	13 5	1 31	12 13	3 29	3 5	0 29	15 42	1 40	15 5	2 2	23 33	0 29	10 56	1 32	9 29	15 16	22 31	22 43	22 42			n.a.
F 6	8 30	21 13	1 13	13 26	1 15	12 38	3 34	2 47	0 29	15 44	1 40	15 4	2 2	23 32	0 29	10 55	1 33	9 29	15 16	22 31	22 43	22 42			n.a.
S 7	8 8	19 3	2 14	13 46	1 0	13 3	3 39	2 29	0 28	15 46	1 40	15 4	2 2	23 32	0 29	10 54	1 33	9 28	15 16	22 32	22 44	22 42			n.a.
S 8	7 46	16 1	3 9	14 3	0 44	13 27	3 44	2 11	0 27	15 49	1 40	15 4	2 3	23 32	0 29	10 53	1 33	9 28	15 16	22 33	22 44	22 42			n.a.
M 9	7 23	12 14	3 56	14 18	0 29	13 51	3 49	1 53	0 27	15 51	1 40	15 4	2 3	23 32	0 30	10 52	1 33	9 27	15 16	22 34	22 45	22 42			n.a.
T 10	7 0	7 52	4 33	14 32	0 15	14 14	3 55	1 35	0 26	15 53	1 40	15 3	2 3	23 32	0 30	10 51	1 33	9 26	15 15	22 35	22 45	22 42			n.a.
W11	6 38	3 6	4 56	14 43	0 0	14 37	4 0	1 17	0 26	15 55	1 40	15 3	2 3	23 31	0 30	10 50	1 33	9 26	15 15	22 36	22 45	22 42			n.a.
T 12	6 15	1s54	5 5	14 52	0s13	14 59	4 5	0 59	0 25	15 58	1 40	15 3	2 3	23 31	0 30	10 50	1 33	9 25	15 15	22 37	22 46	22 42			n.a.
F 13	5 52	6 53	4 58	14 59	0 27	15 21	4 10	0 41	0 24	16 0	1 40	15 2	2 3	23 31	0 30	10 49	1 33	9 24	15 15	22 38	22 46	22 42			n.a.
S 14	5 29	11 37	4 35	15 4	0 39	15 43	4 14	0 23	0 24	16 2	1 40	15 2	2 3	23 31	0 30	10 48	1 33	9 24	15 15	22 39	22 47	22 42			n.a.
S 15	5 6	15 52	3 56	15 7	0 52	16 4	4 19	0 5	0 23	16 4	1 40	15 1	2 3	23 31	0 30	10 47	1 33	9 23	15 15	22 40	22 47	22 41			n.a.
M16	4 43	19 19	3 2	15 8	1 3	16 24	4 24	0n13	0 22	16 6	1 40	15 1	2 4	23 30	0 30	10 46	1 33	9 23	15 14	22 40	22 47	22 41			n.a.
T 17	4 20	21 41	1 58	15 7	1 14	16 44	4 28	0 31	0 22	16 8	1 40	15 0	2 4	23 30	0 30	10 46	1 33	9 22	15 14	22 40	22 48	22 41			n.a.
W18	3 56	22 44	0 45	15 3	1 24	17 4	4 33	0 49	0 21	16 10	1 39	15 0	2 4	23 30	0 30	10 45	1 33	9 21	15 14	22 40	22 48	22 41			n.a.
T 19	3 33	22 19	0s31	14 58	1 34	17 23	4 37	1 7	0 21	16 11	1 39	14 59	2 4	23 30	0 30	10 44	1 33	9 21	15 14	22 40	22 48	22 41			n.a.
F 20	3 10	20 24	1 46	14 51	1 43	17 41	4 42	1 25	0 20	16 13	1 39	14 59	2 4	23 30	0 30	10 43	1 33	9 20	15 14	22 40	22 49	22 41			n.a.
S 21	2 46	17 9	2 54	14 42	1 51	17 59	4 46	1 43	0 19	16 15	1 39	14 58	2 4	23 30	0 30	10 42	1 33	9 19	15 14	22 41	22 49	22 41			n.a.
S 22	2 23	12 52	3 51	14 31	1 59	18 16	4 50	2 0	0 19	16 17	1 39	14 57	2 4	23 29	0 30	10 41	1 33	9 19	15 14	22 42	22 50	22 41			n.a.
M23	2 0	7 52	4 33	14 18	2 6	18 33	4 54	2 18	0 18	16 18	1 39	14 57	2 4	23 29	0 30	10 41	1 33	9 18	15 14	22 43	22 50	22 41			n.a.
T 24	1 36	2 32	4 56	14 3	2 12	18 49	4 57	2 36	0 17	16 20	1 39	14 56	2 5	23 29	0 30	10 40	1 33	9 18	15 13	22 44	22 50	22 41			n.a.
W25	1 13	2n49	5 2	13 46	2 18	19 4	5 1	2 53	0 17	16 21	1 38	14 55	2 5	23 29	0 30	10 39	1 33	9 17	15 13	22 45	22 51	22 41			n.a.
T 26	0 49	7 53	4 51	13 28	2 23	19 18	5 4	3 11	0 16	16 23	1 38	14 55	2 5	23 29	0 30	10 38	1 33	9 16	15 13	22 47	22 51	22 41			n.a.
F 27	0 26	12 28	4 24	13 8	2 28	19 32	5 8	3 29	0 16	16 24	1 38	14 54	2 5	23 29	0 30	10 38	1 33	9 16	15 13	22 48	22 51	22 41			n.a.
S 28	0 3	16 21	3 45	12 46	2 32	19 45	5 11	3 46	0 15	16 26	1 38	14 53	2 5	23 29	0 30	10 37	1 33	9 15	15 13	22 49	22 52	22 41			n.a.
S 29	0n21	19 25	2 56	12 22	2 35	19 58	5 14	4 4	0 14	16 27	1 38	14 52	2 5	23 29	0 30	10 36	1 33	9 15	15 13	22 49	22 52	22 40			n.a.
M30	0 44	21 33	2 0	11 57	2 38	20 10	5 16	4 21	0 14	16 28	1 38	14 52	2 5	23 28	0 30	10 35	1 33	9 14	15 13	22 49	22 53	22 40			n.a.
T 31	1n 8	22n42	1s 0	11s30	2s40	20n21	5n19	4n38	0s13	16n29	1n37	14s51	2n 5	23s28	0s30	10s34	1s33	9s13	15s13	22n49	22n53	22n40			n.a.

Julian Day Number = 1500140.5, Delta T = 05h07m34s
Ecliptic obliquity = 23°46'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'26, Lahiri = -12°19'26 Julian Calendar 1 March 606 BCE == Greg. Calendar 22 Feb. 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

APRIL 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 8 22	3♈45'47	16♋15	8♓24	11♉20	12♈48	20°R 8	15°R56	14♑28	6♓50	11♈52	15°R47	15♋12	20♋14	n.a.	W 1
T 2	12 12 18	4°43'43	28° 4	9°46	11°44	13°30	20♌ 4	15♏53	14°29	6°52	11°54	15♋46	15° 9	20°21	n.a.	T 2
F 3	12 16 15	5°41'37	9♌57	11° 9	12° 5	14°12	20° 1	15°50	14°30	6°54	11°55	15°44	15° 6	20°28	n.a.	F 3
S 4	12 20 11	6°39'30	22° 0	12°35	12°25	14°54	19°57	15°48	14°32	6°56	11°56	15°40	15° 2	20°34	n.a.	S 4
S 5	12 24 8	7°37'20	4♍16	14° 3	12°42	15°37	19°54	15°45	14°33	6°58	11°58	15°33	14°59	20°41	n.a.	S 5
M 6	12 28 5	8°35'09	16°47	15°33	12°58	16°19	19°51	15°42	14°34	7° 0	11°59	15°23	14°56	20°47	n.a.	M 6
T 7	12 32 1	9°32'56	29°36	17° 5	13°11	17° 1	19°48	15°39	14°35	7° 2	12° 0	15°11	14°53	20°54	n.a.	T 7
W 8	12 35 58	10°30'41	12♎42	18°39	13°23	17°43	19°45	15°35	14°36	7° 4	12° 2	14°59	14°50	21° 1	n.a.	W 8
T 9	12 39 54	11°28'25	26° 4	20°16	13°32	18°25	19°42	15°32	14°36	7° 6	12° 3	14°47	14°47	21° 7	n.a.	T 9
F 10	12 43 51	12°26'07	9♏39	21°54	13°40	19° 7	19°40	15°29	14°37	7° 8	12° 5	14°36	14°43	21°14	n.a.	F 10
S 11	12 47 47	13°23'48	23°24	23°34	13°45	19°48	19°37	15°26	14°38	7°10	12° 6	14°27	14°40	21°21	n.a.	S 11
S 12	12 51 44	14°21'28	7♐18	25°17	13°47	20°30	19°35	15°22	14°39	7°11	12° 7	14°21	14°37	21°27	n.a.	S 12
M13	12 55 40	15°19'07	21°17	27° 1	13°R48	21°12	19°33	15°19	14°39	7°13	12° 9	14°18	14°34	21°34	n.a.	M13
T 14	12 59 37	16°16'44	5♑20	28°48	13°46	21°54	19°31	15°15	14°40	7°15	12°10	14°17	14°31	21°41	n.a.	T 14
W15	13 3 33	17°14'21	19°26	0♈36	13°41	22°36	19°30	15°12	14°41	7°17	12°11	14°17	14°27	21°47	n.a.	W15
T 16	13 7 30	18°11'56	3♒34	2°27	13°34	23°17	19°28	15° 8	14°41	7°19	12°13	14°17	14°24	21°54	n.a.	T 16
F 17	13 11 27	19° 9'30	17°44	4°20	13°25	23°59	19°27	15° 5	14°42	7°21	12°14	14°15	14°21	22° 1	n.a.	F 17
S 18	13 15 23	20° 7'04	1♓53	6°14	13°14	24°40	19°26	15° 1	14°42	7°22	12°15	14°10	14°18	22° 7	n.a.	S 18
S 19	13 19 20	21° 4'36	15°58	8°11	13° 0	25°22	19°25	14°57	14°43	7°24	12°17	14° 3	14°15	22°14	n.a.	S 19
M20	13 23 16	22° 2'07	29°56	10° 9	12°43	26° 3	19°25	14°53	14°43	7°26	12°18	13°53	14°12	22°20	n.a.	M20
T 21	13 27 13	22°59'37	13♈43	12°10	12°25	26°45	19°24	14°49	14°43	7°28	12°19	13°42	14° 8	22°27	n.a.	T 21
W22	13 31 9	23°57'05	27°16	14°12	12° 4	27°26	19°24	14°45	14°43	7°29	12°21	13°30	14° 5	22°34	n.a.	W22
T 23	13 35 6	24°54'33	10♉30	16°16	11°40	28° 8	19°D24	14°41	14°44	7°31	12°22	13°18	14° 2	22°40	n.a.	T 23
F 24	13 39 2	25°51'59	23°26	18°22	11°15	28°49	19°24	14°37	14°44	7°33	12°23	13° 8	13°59	22°47	n.a.	F 24
S 25	13 42 59	26°49'24	6♊ 2	20°29	10°48	29°30	19°24	14°33	14°44	7°34	12°25	13° 1	13°56	22°54	n.a.	S 25
S 26	13 46 56	27°46'48	18°21	22°38	10°19	0♉11	19°24	14°29	14°R44	7°36	12°26	12°56	13°53	23° 0	n.a.	S 26
M27	13 50 52	28°44'11	0♋25	24°47	9°48	0°52	19°25	14°25	14°44	7°38	12°27	12°54	13°49	23° 7	n.a.	M27
T 28	13 54 49	29°41'32	12°19	26°58	9°15	1°34	19°26	14°21	14°44	7°39	12°29	12°D53	13°46	23°14	n.a.	T 28
W29	13 58 45	0♉38'53	24° 9	29° 9	8°41	2°15	19°27	14°17	14°44	7°41	12°30	12°53	13°43	23°20	n.a.	W29
T 30	14 2 42	1♉36'12	5♌58	1♉20	8♉ 6	2♉56	19♌28	14♏13	14♑44	7♓42	12♈31	12°R53	13♋40	23♋27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n31	22n48	0n 3	11s 1	2s41	20n31	5n21	4n56	0s13	16n30	1n37	14s50	2n 5	23s28	0s30	10s34	1s33	9s13	15s13	22n49	22n53	22n40		n.a.
T 2	1 54	21 53	1 5	10 31	2 42	20 40	5 23	5 13	0 12	16 31	1 37	14 49	2 5	23 28	0 30	10 33	1 33	9 12	15 13	22 49	22 54	22 40		n.a.
F 3	2 17	20 0	2 5	9 58	2 42	20 48	5 25	5 30	0 11	16 32	1 37	14 48	2 6	23 28	0 30	10 32	1 33	9 12	15 13	22 50	22 54	22 40		n.a.
S 4	2 41	17 11	2 59	9 25	2 42	20 56	5 26	5 47	0 11	16 33	1 37	14 47	2 6	23 28	0 30	10 31	1 33	9 11	15 13	22 50	22 54	22 40		n.a.
S 5	3 4	13 36	3 47	8 50	2 41	21 3	5 27	6 4	0 10	16 34	1 37	14 46	2 6	23 28	0 30	10 31	1 33	9 11	15 12	22 51	22 55	22 39		n.a.
M 6	3 27	9 20	4 24	8 13	2 39	21 8	5 28	6 21	0 9	16 35	1 36	14 45	2 6	23 28	0 30	10 30	1 33	9 10	15 12	22 52	22 55	22 39		n.a.
T 7	3 50	4 35	4 50	7 35	2 37	21 13	5 29	6 38	0 9	16 36	1 36	14 45	2 6	23 28	0 30	10 29	1 33	9 9	15 12	22 53	22 55	22 39		n.a.
W 8	4 13	0s29	5 0	6 55	2 35	21 17	5 29	6 55	0 8	16 37	1 36	14 44	2 6	23 28	0 30	10 29	1 33	9 9	15 12	22 55	22 56	22 39		n.a.
T 9	4 36	5 38	4 55	6 13	2 31	21 20	5 29	7 12	0 8	16 37	1 36	14 43	2 6	23 28	0 30	10 28	1 33	9 8	15 12	22 56	22 56	22 39		n.a.
F 10	4 59	10 36	4 33	5 31	2 27	21 21	5 28	7 29	0 7	16 38	1 35	14 42	2 6	23 27	0 30	10 27	1 33	9 8	15 12	22 57	22 57	22 39		n.a.
S 11	5 21	15 6	3 55	4 46	2 23	21 22	5 27	7 45	0 6	16 38	1 35	14 40	2 6	23 27	0 31	10 27	1 33	9 7	15 12	22 58	22 57	22 38		n.a.
S 12	5 44	18 50	3 2	4 1	2 18	21 21	5 25	8 2	0 6	16 39	1 35	14 39	2 6	23 27	0 31	10 26	1 33	9 7	15 12	22 59	22 57	22 38		n.a.
M13	6 7	21 30	1 58	3 13	2 13	21 20	5 23	8 18	0 5	16 39	1 35	14 38	2 6	23 27	0 31	10 25	1 33	9 6	15 12	22 59	22 58	22 38		n.a.
T 14	6 29	22 52	0 47	2 25	2 7	21 17	5 21	8 35	0 4	16 40	1 35	14 37	2 6	23 27	0 31	10 24	1 33	9 6	15 12	22 59	22 58	22 38		n.a.
W15	6 52	22 47	0s27	1 35	2 0	21 13	5 18	8 51	0 4	16 40	1 34	14 36	2 6	23 27	0 31	10 24	1 33	9 5	15 12	22 59	22 58	22 38		n.a.
T 16	7 14	21 15	1 40	0 44	1 53	21 7	5 15	9 7	0 3	16 40	1 34	14 35	2 6	23 27	0 31	10 23	1 34	9 5	15 12	22 59	22 59	22 37		n.a.
F 17	7 36	18 22	2 47	0n 8	1 45	21 1	5 11	9 23	0 3	16 40	1 34	14 34	2 7	23 27	0 31	10 23	1 34	9 4	15 12	23 0	22 59	22 37		n.a.
S 18	7 58	14 25	3 43	1 1	1 37	20 53	5 6	9 39	0 2	16 41	1 34	14 33	2 7	23 27	0 31	10 22	1 34	9 4	15 12	23 0	22 59	22 37		n.a.
S 19	8 20	9 41	4 26	1 56	1 29	20 44	5 1	9 55	0 1	16 41	1 34	14 32	2 7	23 27	0 31	10 21	1 34	9 3	15 12	23 1	23 0	22 37		n.a.
M20	8 42	4 29	4 52	2 51	1 20	20 33	4 56	10 11	0 1	16 41	1 33	14 31	2 7	23 27	0 31	10 21	1 34	9 3	15 12	23 2	23 0	22 36		n.a.
T 21	9 3	0n52	5 1	3 47	1 11	20 21	4 50	10 27	0 0	16 41	1 33	14 29	2 7	23 27	0 31	10 20	1 34	9 2	15 12	23 3	23 0	22 36		n.a.
W22	9 25	6 6	4 52	4 44	1 1	20 8	4 43	10 42	0n 0	16 40	1 33	14 28	2 7	23 27	0 31	10 19	1 34	9 2	15 12	23 4	23 1	22 36		n.a.
T 23	9 46	10 56	4 28	5 42	0 51	19 54	4 36	10 58	0 1	16 40	1 33	14 27	2 7	23 27	0 31	10 19	1 34	9 1	15 12	23 6	23 1	22 36		n.a.
F 24	10 8	15 10	3 51	6 40	0 41	19 38	4 28	11 14	0 2	16 40	1 32	14 26	2 7	23 27	0 31	10 18	1 34	9 1	15 12	23 7	23 1	22 35		n.a.
S 25	10 29	18 37	3 2	7 38	0 31	19 21	4 19	11 29	0 2	16 40	1 32	14 25	2 7	23 27	0 31	10 18	1 34	9 0	15 12	23 7	23 2	22 35		n.a.
S 26	10 50	21 9	2 6	8 36	0 20	19 3	4 10	11 44	0 3	16 39	1 32	14 23	2 7	23 27	0 31	10 17	1 34	9 0	15 13	23 8	23 2	22 35		n.a.
M27	11 10	22 40	1 6	9 35	0 10	18 44	4 0	11 59	0 3	16 39	1 32	14 22	2 7	23 27	0 31	10 17	1 34	8 59	15 13	23 8	23 2	22 35		n.a.
T 28	11 31	23 8	0 3	10 32	0n 1	18 24	3 50	12 14	0 4	16 38	1 31	14 21	2 7	23 27	0 31	10 16	1 34	8 59	15 13	23 8	23 3	22 34		n.a.
W29	11 51	22 33	1n 0	11 30	0 11	18 2	3 39	12 29	0 5	16 38	1 31	14 20	2 7	23 27	0 31	10 15	1 34	8 58	15 13	23 8	23 3	22 34		n.a.
T 30	12n12	20n58	2n 0	12n26	0n22	17n40	3n27	12n44	0n 5	16n37	1n31	14s18	2n 7	23s27	0s31	10s15	1s34	8s58	15s13	23n 8	23n 3	22n34		n.a.

Julian Day Number = 1500171.5, Delta T = 05h07m33s
Ecliptic obliquity = 23°46'04, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'22, Lahiri = -12°19'21 Julian Calendar 1 Apr. 606 BCE == Greg. Calendar 25 March 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

MAY 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 6 38	2♉33'29	17♌52	3♉32	7°R30	3♉37	19♌29	14°R 8	14°R43	7♓44	12♈33	12°R52	13♋37	23♋34	n.a.	F 1
S 2	14 10 35	3°30'46	29°58	5°44	6♉53	4°18	19°31	14♏ 4	14♑43	7°45	12°34	12♋49	13°33	23°40	n.a.	S 2
S 3	14 14 31	4°28'01	12♍18	7°55	6°16	4°59	19°32	14° 0	14°43	7°47	12°35	12°44	13°30	23°47	n.a.	S 3
M 4	14 18 28	5°25'15	24°58	10° 5	5°38	5°39	19°34	13°56	14°43	7°48	12°36	12°36	13°27	23°54	n.a.	M 4
T 5	14 22 25	6°22'29	7♎58	12°15	5° 0	6°20	19°36	13°51	14°42	7°49	12°38	12°27	13°24	24° 0	n.a.	T 5
W 6	14 26 21	7°19'41	21°20	14°24	4°22	7° 1	19°38	13°47	14°42	7°51	12°39	12°16	13°21	24° 7	n.a.	W 6
T 7	14 30 18	8°16'53	5♏ 2	16°31	3°45	7°42	19°41	13°42	14°41	7°52	12°40	12° 6	13°18	24°13	n.a.	T 7
F 8	14 34 14	9°14'03	19° 0	18°36	3° 9	8°22	19°43	13°38	14°41	7°53	12°41	11°57	13°14	24°20	n.a.	F 8
S 9	14 38 11	10°11'14	3♐11	20°40	2°33	9° 3	19°46	13°34	14°40	7°55	12°43	11°50	13°11	24°27	n.a.	S 9
S 10	14 42 7	11° 8'24	17°29	22°42	1°59	9°44	19°49	13°29	14°40	7°56	12°44	11°45	13° 8	24°33	n.a.	S 10
M11	14 46 4	12° 5'33	1♑50	24°42	1°25	10°24	19°52	13°25	14°39	7°57	12°45	11°43	13° 5	24°40	n.a.	M11
T 12	14 50 1	13° 2'42	16° 9	26°40	0°54	11° 5	19°55	13°21	14°38	7°58	12°46	11°D43	13° 2	24°47	n.a.	T 12
W13	14 53 57	13°59'51	0♒24	28°36	0°24	11°45	19°58	13°16	14°37	7°59	12°48	11°43	12°59	24°53	n.a.	W13
T 14	14 57 54	14°57'00	14°34	0♊30	29♈56	12°26	20° 2	13°12	14°37	8° 1	12°49	11°R44	12°55	25° 0	n.a.	T 14
F 15	15 1 50	15°54'08	28°36	2°21	29°30	13° 6	20° 6	13° 7	14°36	8° 2	12°50	11°43	12°52	25° 7	n.a.	F 15
S 16	15 5 47	16°51'16	12♓29	4°11	29° 6	13°46	20° 9	13° 3	14°35	8° 3	12°51	11°41	12°49	25°13	n.a.	S 16
S 17	15 9 43	17°48'25	26°14	5°57	28°44	14°27	20°13	12°59	14°34	8° 4	12°52	11°36	12°46	25°20	n.a.	S 17
M18	15 13 40	18°45'32	9♈48	7°42	28°24	15° 7	20°18	12°54	14°33	8° 5	12°53	11°29	12°43	25°27	n.a.	M18
T 19	15 17 36	19°42'40	23°10	9°24	28° 7	15°47	20°22	12°50	14°32	8° 6	12°54	11°21	12°39	25°33	n.a.	T 19
W20	15 21 33	20°39'48	6♉19	11° 4	27°52	16°27	20°26	12°46	14°31	8° 7	12°56	11°12	12°36	25°40	n.a.	W20
T 21	15 25 30	21°36'55	19°13	12°41	27°40	17° 8	20°31	12°41	14°30	8° 8	12°57	11° 4	12°33	25°47	n.a.	T 21
F 22	15 29 26	22°34'02	1♊52	14°17	27°29	17°48	20°36	12°37	14°29	8° 9	12°58	10°57	12°30	25°53	n.a.	F 22
S 23	15 33 23	23°31'09	14°17	15°49	27°22	18°28	20°41	12°33	14°27	8°10	12°59	10°52	12°27	26° 0	n.a.	S 23
S 24	15 37 19	24°28'16	26°28	17°20	27°16	19° 8	20°46	12°28	14°26	8°10	13° 0	10°48	12°24	26° 7	n.a.	S 24
M25	15 41 16	25°25'23	8♋28	18°48	27°13	19°48	20°51	12°24	14°25	8°11	13° 1	10°D47	12°20	26°13	n.a.	M25
T 26	15 45 12	26°22'29	20°20	20°13	27°D13	20°28	20°57	12°20	14°23	8°12	13° 2	10°48	12°17	26°20	n.a.	T 26
W27	15 49 9	27°19'35	2♌ 8	21°36	27°14	21° 8	21° 2	12°16	14°22	8°13	13° 3	10°49	12°14	26°26	n.a.	W27
T 28	15 53 5	28°16'40	13°57	22°56	27°18	21°48	21° 8	12°12	14°21	8°13	13° 4	10°50	12°11	26°33	n.a.	T 28
F 29	15 57 2	29°13'46	25°52	24°14	27°24	22°28	21°14	12° 8	14°19	8°14	13° 5	10°R51	12° 8	26°40	n.a.	F 29
S 30	16 0 59	0♊10'51	7♍57	25°30	27°32	23° 8	21°20	12° 3	14°18	8°15	13° 6	10°51	12° 4	26°46	n.a.	S 30
S 31	16 4 55	1♊ 7'56	20♍18	26♊42	27♈43	23♉47	21♌26	11♏59	14♑16	8♓15	13♈ 7	10♋49	12♋ 1	26♋53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n32	18n27	2n55	13n22	0n32	17n17	3n16	12n59	0n 6	16n37	1n31	14s17	2n 7	23s27	0s31	10s14	1s34	8s58	15s13	23n 8	23n 4	22n34		n.a.
S 2	12 51	15 7	3 43	14 16	0 42	16 53	3 3	13 14	0 6	16 36	1 30	14 16	2 7	23 28	0 31	10 14	1 34	8 57	15 13	23 8	23 4	22 33		n.a.
S 3	13 11	11 4	4 22	15 9	0 52	16 28	2 51	13 28	0 7	16 35	1 30	14 15	2 7	23 28	0 31	10 13	1 34	8 57	15 13	23 9	23 4	22 33		n.a.
M 4	13 31	6 26	4 49	16 0	1 1	16 3	2 38	13 42	0 8	16 34	1 30	14 13	2 7	23 28	0 31	10 13	1 34	8 56	15 13	23 10	23 5	22 33		n.a.
T 5	13 50	1 25	5 2	16 50	1 10	15 37	2 24	13 57	0 8	16 34	1 30	14 12	2 7	23 28	0 31	10 12	1 34	8 56	15 13	23 11	23 5	22 32		n.a.
W 6	14 9	3s48	5 0	17 37	1 18	15 12	2 11	14 11	0 9	16 33	1 30	14 11	2 7	23 28	0 31	10 12	1 34	8 55	15 13	23 12	23 5	22 32		n.a.
T 7	14 28	8 59	4 40	18 22	1 26	14 46	1 57	14 25	0 9	16 32	1 29	14 10	2 7	23 28	0 31	10 12	1 35	8 55	15 13	23 12	23 6	22 32		n.a.
F 8	14 46	13 49	4 3	19 5	1 33	14 20	1 43	14 39	0 10	16 31	1 29	14 8	2 7	23 28	0 31	10 11	1 35	8 55	15 14	23 13	23 6	22 31		n.a.
S 9	15 4	17 58	3 11	19 46	1 39	13 55	1 29	14 52	0 11	16 30	1 29	14 7	2 7	23 28	0 31	10 11	1 35	8 54	15 14	23 14	23 6	22 31		n.a.
S 10	15 23	21 5	2 6	20 24	1 45	13 29	1 15	15 6	0 11	16 28	1 29	14 6	2 6	23 28	0 31	10 10	1 35	8 54	15 14	23 14	23 7	22 31		n.a.
M11	15 40	22 53	0 53	20 59	1 50	13 5	1 1	15 20	0 12	16 27	1 28	14 4	2 6	23 28	0 31	10 10	1 35	8 54	15 14	23 15	23 7	22 30		n.a.
T 12	15 58	23 10	0s24	21 32	1 55	12 40	0 47	15 33	0 12	16 26	1 28	14 3	2 6	23 28	0 32	10 9	1 35	8 53	15 14	23 15	23 7	22 30		n.a.
W13	16 15	21 57	1 38	22 3	1 59	12 17	0 33	15 46	0 13	16 25	1 28	14 2	2 6	23 29	0 32	10 9	1 35	8 53	15 14	23 15	23 8	22 29		n.a.
T 14	16 33	19 20	2 47	22 31	2 2	11 54	0 19	15 59	0 13	16 23	1 28	14 1	2 6	23 29	0 32	10 9	1 35	8 53	15 14	23 15	23 8	22 29		n.a.
F 15	16 49	15 37	3 44	22 57	2 4	11 32	0 6	16 12	0 14	16 22	1 27	13 59	2 6	23 29	0 32	10 8	1 35	8 52	15 14	23 15	23 8	22 29		n.a.
S 16	17 6	11 5	4 28	23 20	2 6	11 11	0s 7	16 25	0 15	16 20	1 27	13 58	2 6	23 29	0 32	10 8	1 35	8 52	15 15	23 15	23 8	22 28		n.a.
S 17	17 22	6 2	4 56	23 40	2 7	10 52	0 20	16 38	0 15	16 19	1 27	13 57	2 6	23 29	0 32	10 8	1 35	8 52	15 15	23 15	23 9	22 28		n.a.
M18	17 38	0 45	5 6	23 59	2 7	10 33	0 33	16 51	0 16	16 17	1 27	13 56	2 6	23 29	0 32	10 7	1 35	8 51	15 15	23 16	23 9	22 28		n.a.
T 19	17 54	4n29	5 0	24 15	2 6	10 15	0 45	17 3	0 16	16 16	1 27	13 54	2 6	23 29	0 32	10 7	1 35	8 51	15 15	23 17	23 9	22 27		n.a.
W20	18 10	9 26	4 38	24 28	2 5	9 59	0 57	17 15	0 17	16 14	1 26	13 53	2 6	23 29	0 32	10 7	1 35	8 51	15 15	23 17	23 10	22 27		n.a.
T 21	18 25	13 54	4 2	24 40	2 3	9 44	1 8	17 28	0 17	16 12	1 26	13 52	2 6	23 30	0 32	10 6	1 35	8 51	15 15	23 18	23 10	22 26		n.a.
F 22	18 40	17 39	3 14	24 50	2 1	9 30	1 19	17 40	0 18	16 11	1 26	13 51	2 6	23 30	0 32	10 6	1 35	8 50	15 16	23 19	23 10	22 26		n.a.
S 23	18 54	20 32	2 18	24 57	1 58	9 17	1 30	17 51	0 19	16 9	1 26	13 49	2 5	23 30	0 32	10 6	1 35	8 50	15 16	23 19	23 11	22 26		n.a.
S 24	19 9	22 26	1 17	25 3	1 54	9 6	1 40	18 3	0 19	16 7	1 25	13 48	2 5	23 30	0 32	10 5	1 35	8 50	15 16	23 19	23 11	22 25		n.a.
M25	19 23	23 17	0 13	25 6	1 50	8 55	1 49	18 15	0 20	16 5	1 25	13 47	2 5	23 30	0 32	10 5	1 36	8 50	15 16	23 19	23 11	22 25		n.a.
T 26	19 37	23 3	0n52	25 8	1 45	8 46	1 59	18 26	0 20	16 3	1 25	13 46	2 5	23 30	0 32	10 5	1 36	8 49	15 16	23 19	23 11	22 24		n.a.
W27	19 50	21 48	1 53	25 9	1 39	8 39	2 8	18 37	0 21	16 1	1 25	13 45	2 5	23 31	0 32	10 5	1 36	8 49	15 17	23 19	23 12	22 24		n.a.
T 28	20 3	19 35	2 50	25 7	1 33	8 32	2 16	18 49	0 21	15 59	1 25	13 44	2 5	23 31	0 32	10 4	1 36	8 49	15 17	23 19	23 12	22 23		n.a.
F 29	20 16	16 31	3 40	25 4	1 26	8 27	2 24	19 0	0 22	15 57	1 24	13 42	2 5	23 31	0 32	10 4	1 36	8 49	15 17	23 19	23 12	22 23		n.a.
S 30	20 28	12 44	4 22	25 0	1 18	8 23	2 32	19 10	0 23	15 55	1 24	13 41	2 5	23 31	0 32	10 4	1 36	8 49	15 17	23 19	23 13	22 22		n.a.
S 31	20n40	8n21	4n52	24n54	1n10	8n20	2s39	19n21	0n23	15n52	1n24	13s40	2n 5	23s31	0s32	10s 4	1s36	8s48	15s17	23n19	23n13	22n22		n.a.

Julian Day Number = 1500201.5, Delta T = 05h07m31s
Ecliptic obliquity = 23°46'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'18, Lahiri = -12°19'17 Julian Calendar 1 May 606 BCE == Greg. Calendar 24 Apr. 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

JUNE 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 8 52	2♊ 5'00	2♎59	27♊52	27♈55	24♉27	21♌32	11°R55	14°R15	8♓16	13♈ 8	10°R46	11♋58	27♋ 0	n.a.	M 1
T 2	16 12 48	3° 2'05	16° 4	28°59	28°10	25° 7	21°39	11♏52	14♑13	8°17	13° 9	10♋41	11°55	27° 6	n.a.	T 2
W 3	16 16 45	3°59'09	29°33	0♋ 3	28°26	25°46	21°45	11°48	14°12	8°17	13°10	10°36	11°52	27°13	n.a.	W 3
T 4	16 20 41	4°56'14	13♏26	1° 4	28°44	26°26	21°52	11°44	14°10	8°18	13°11	10°30	11°49	27°20	n.a.	T 4
F 5	16 24 38	5°53'19	27°41	2° 3	29° 4	27° 6	21°59	11°40	14° 8	8°18	13°12	10°25	11°45	27°26	n.a.	F 5
S 6	16 28 34	6°50'24	12♐13	2°58	29°26	27°45	22° 6	11°36	14° 6	8°19	13°13	10°22	11°42	27°33	n.a.	S 6
S 7	16 32 31	7°47'29	26°54	3°49	29°50	28°25	22°13	11°32	14° 5	8°19	13°13	10°19	11°39	27°40	n.a.	S 7
M 8	16 36 28	8°44'35	11♑40	4°38	0♉15	29° 4	22°20	11°29	14° 3	8°19	13°14	10°D19	11°36	27°46	n.a.	M 8
T 9	16 40 24	9°41'42	26°22	5°22	0°42	29°44	22°27	11°25	14° 1	8°20	13°15	10°20	11°33	27°53	n.a.	T 9
W10	16 44 21	10°38'49	10♒55	6° 3	1°10	0♊23	22°35	11°22	13°59	8°20	13°16	10°21	11°30	28° 0	n.a.	W10
T 11	16 48 17	11°35'56	25°15	6°41	1°40	1° 3	22°42	11°18	13°57	8°20	13°17	10°22	11°26	28° 6	n.a.	T 11
F 12	16 52 14	12°33'05	9♓21	7°14	2°11	1°42	22°50	11°15	13°55	8°20	13°18	10°R23	11°23	28°13	n.a.	F 12
S 13	16 56 10	13°30'14	23°10	7°43	2°44	2°21	22°58	11°11	13°54	8°21	13°18	10°23	11°20	28°20	n.a.	S 13
S 14	17 0 7	14°27'24	6♈42	8° 8	3°18	3° 1	23° 6	11° 8	13°52	8°21	13°19	10°21	11°17	28°26	n.a.	S 14
M15	17 4 4	15°24'35	19°59	8°29	3°53	3°40	23°14	11° 5	13°50	8°21	13°20	10°19	11°14	28°33	n.a.	M15
T 16	17 8 0	16°21'47	3♉ 1	8°45	4°30	4°19	23°22	11° 2	13°48	8°21	13°21	10°15	11°10	28°40	n.a.	T 16
W17	17 11 57	17°18'59	15°48	8°56	5° 7	4°59	23°31	10°58	13°46	8°21	13°21	10°12	11° 7	28°46	n.a.	W17
T 18	17 15 53	18°16'13	28°23	9° 3	5°46	5°38	23°39	10°55	13°43	8°21	13°22	10° 8	11° 4	28°53	n.a.	T 18
F 19	17 19 50	19°13'27	10♊44	9°R 4	6°26	6°17	23°48	10°52	13°41	8°R21	13°23	10° 6	11° 1	28°59	n.a.	F 19
S 20	17 23 46	20°10'42	22°55	9° 1	7° 7	6°56	23°56	10°49	13°39	8°21	13°23	10° 4	10°58	29° 6	n.a.	S 20
S 21	17 27 43	21° 7'58	4♋57	8°53	7°49	7°35	24° 5	10°47	13°37	8°21	13°24	10°D 3	10°55	29°13	n.a.	S 21
M22	17 31 39	22° 5'14	16°51	8°40	8°32	8°14	24°14	10°44	13°35	8°21	13°24	10° 3	10°51	29°19	n.a.	M22
T 23	17 35 36	23° 2'32	28°40	8°22	9°16	8°53	24°23	10°41	13°33	8°21	13°25	10° 4	10°48	29°26	n.a.	T 23
W24	17 39 33	23°59'50	10♌27	7°59	10° 0	9°32	24°32	10°39	13°31	8°21	13°26	10° 5	10°45	29°33	n.a.	W24
T 25	17 43 29	24°57'08	22°16	7°31	10°46	10°11	24°41	10°36	13°28	8°21	13°26	10° 6	10°42	29°39	n.a.	T 25
F 26	17 47 26	25°54'28	4♍11	7° 0	11°32	10°50	24°50	10°34	13°26	8°20	13°27	10° 8	10°39	29°46	n.a.	F 26
S 27	17 51 22	26°51'48	16°15	6°24	12°20	11°29	25° 0	10°31	13°24	8°20	13°27	10° 8	10°36	29°53	n.a.	S 27
S 28	17 55 19	27°49'08	28°35	5°45	13° 8	12° 8	25° 9	10°29	13°22	8°20	13°28	10°R 9	10°32	29°59	n.a.	S 28
M29	17 59 15	28°46'30	11♎13	5° 3	13°56	12°47	25°19	10°27	13°19	8°19	13°28	10° 8	10°29	0♌ 6	n.a.	M29
T 30	18 3 12	29♊43'52	24♎15	4♋19	14♉46	13♊26	25♌29	10♏25	13♑17	8♓19	13♈29	10♋ 8	10♋26	0♌13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n52	3n30	5n 8	24n47	1n 2	8n18	2s46	19n32	0n24	15n50	1n24	13s39	2n 4	23s32	0s32	10s 4	1s36	8s48	15s18	23n19	23n13	22n21		n.a.
T 2	21 3	1s39	5 10	24 39	0 53	8 17	2 53	19 42	0 24	15 48	1 23	13 38	2 4	23 32	0 32	10 4	1 36	8 48	15 18	23 20	23 14	22 21		n.a.
W 3	21 14	6 53	4 54	24 29	0 43	8 17	2 59	19 52	0 25	15 46	1 23	13 37	2 4	23 32	0 32	10 3	1 36	8 48	15 18	23 20	23 14	22 20		n.a.
T 4	21 25	11 56	4 22	24 19	0 33	8 18	3 5	20 2	0 25	15 43	1 23	13 36	2 4	23 32	0 32	10 3	1 36	8 48	15 18	23 21	23 14	22 20		n.a.
F 5	21 35	16 28	3 32	24 8	0 23	8 20	3 10	20 12	0 26	15 41	1 23	13 35	2 4	23 32	0 32	10 3	1 36	8 48	15 18	23 21	23 14	22 19		n.a.
S 6	21 45	20 8	2 28	23 55	0 11	8 23	3 15	20 22	0 27	15 38	1 23	13 34	2 4	23 33	0 32	10 3	1 36	8 47	15 19	23 21	23 15	22 19		n.a.
S 7	21 55	22 31	1 13	23 43	0s 0	8 27	3 20	20 31	0 27	15 36	1 22	13 33	2 4	23 33	0 32	10 3	1 36	8 47	15 19	23 22	23 15	22 18		n.a.
M 8	22 4	23 22	0s 7	23 29	0 12	8 32	3 24	20 41	0 28	15 33	1 22	13 32	2 3	23 33	0 32	10 3	1 36	8 47	15 19	23 22	23 15	22 18		n.a.
T 9	22 13	22 35	1 27	23 15	0 25	8 38	3 28	20 50	0 28	15 30	1 22	13 31	2 3	23 33	0 32	10 3	1 36	8 47	15 19	23 22	23 15	22 17		n.a.
W10	22 21	20 18	2 40	23 0	0 37	8 44	3 32	20 59	0 29	15 28	1 22	13 30	2 3	23 33	0 32	10 3	1 37	8 47	15 20	23 21	23 16	22 17		n.a.
T 11	22 29	16 45	3 42	22 45	0 50	8 51	3 35	21 8	0 29	15 25	1 22	13 29	2 3	23 34	0 32	10 3	1 37	8 47	15 20	23 21	23 16	22 16		n.a.
F 12	22 37	12 19	4 29	22 30	1 4	8 59	3 38	21 16	0 30	15 22	1 22	13 28	2 3	23 34	0 32	10 3	1 37	8 47	15 20	23 21	23 16	22 16		n.a.
S 13	22 44	7 20	5 0	22 15	1 18	9 8	3 41	21 25	0 30	15 20	1 21	13 27	2 3	23 34	0 32	10 3	1 37	8 47	15 20	23 21	23 17	22 15		n.a.
S 14	22 51	2 5	5 14	21 59	1 32	9 17	3 44	21 33	0 31	15 17	1 21	13 26	2 2	23 34	0 32	10 3	1 37	8 47	15 21	23 21	23 17	22 15		n.a.
M15	22 57	3n 9	5 10	21 44	1 46	9 27	3 46	21 41	0 31	15 14	1 21	13 25	2 2	23 35	0 32	10 3	1 37	8 47	15 21	23 22	23 17	22 14		n.a.
T 16	23 3	8 9	4 50	21 29	2 0	9 37	3 48	21 49	0 32	15 11	1 21	13 25	2 2	23 35	0 32	10 3	1 37	8 47	15 21	23 22	23 17	22 14		n.a.
W17	23 9	12 43	4 16	21 14	2 15	9 48	3 50	21 57	0 33	15 8	1 21	13 24	2 2	23 35	0 32	10 3	1 37	8 47	15 21	23 22	23 18	22 13		n.a.
T 18	23 14	16 40	3 30	20 59	2 29	10 0	3 51	22 5	0 33	15 5	1 20	13 23	2 2	23 35	0 32	10 3	1 37	8 47	15 22	23 22	23 18	22 12		n.a.
F 19	23 19	19 49	2 35	20 44	2 43	10 12	3 52	22 12	0 34	15 2	1 20	13 22	2 1	23 35	0 32	10 3	1 37	8 47	15 22	23 23	23 18	22 12		n.a.
S 20	23 24	22 1	1 33	20 31	2 57	10 24	3 53	22 20	0 34	14 59	1 20	13 22	2 1	23 36	0 32	10 3	1 37	8 47	15 22	23 23	23 18	22 11		n.a.
S 21	23 28	23 12	0 28	20 18	3 11	10 37	3 54	22 27	0 35	14 56	1 20	13 21	2 1	23 36	0 33	10 3	1 37	8 47	15 22	23 23	23 19	22 11		n.a.
M22	23 32	23 19	0n38	20 5	3 24	10 50	3 55	22 34	0 35	14 53	1 20	13 20	2 1	23 36	0 33	10 3	1 37	8 47	15 23	23 23	23 19	22 10		n.a.
T 23	23 35	22 22	1 41	19 54	3 37	11 4	3 55	22 40	0 36	14 49	1 20	13 20	2 1	23 36	0 33	10 3	1 37	8 47	15 23	23 23	23 19	22 10		n.a.
W24	23 38	20 26	2 41	19 43	3 49	11 18	3 56	22 47	0 36	14 46	1 19	13 19	2 0	23 37	0 33	10 3	1 37	8 47	15 23	23 23	23 20	22 9		n.a.
T 25	23 40	17 38	3 33	19 34	4 0	11 32	3 56	22 53	0 37	14 43	1 19	13 18	2 0	23 37	0 33	10 3	1 37	8 47	15 23	23 23	23 20	22 8		n.a.
F 26	23 42	14 5	4 17	19 25	4 10	11 46	3 55	23 0	0 37	14 40	1 19	13 18	2 0	23 37	0 33	10 4	1 38	8 47	15 24	23 23	23 20	22 8		n.a.
S 27	23 44	9 56	4 50	19 18	4 19	12 1	3 55	23 6	0 38	14 36	1 19	13 17	2 0	23 37	0 33	10 4	1 38	8 47	15 24	23 22	23 20	22 7		n.a.
S 28	23 45	5 19	5 11	19 12	4 26	12 16	3 55	23 11	0 38	14 33	1 19	13 17	2 0	23 38	0 33	10 4	1 38	8 47	15 24	23 22	23 21	22 6		n.a.
M29	23 46	0 21	5 17	19 8	4 33	12 31	3 54	23 17	0 39	14 29	1 19	13 16	1 59	23 38	0 33	10 4	1 38	8 47	15 25	23 22	23 21	22 6		n.a.
T 30	23n46	4s46	5n 8	19n 5	4s37	12n47	3s53	23n23	0n39	14n26	1n18	13s16	1n59	23s38	0s33	10s 4	1s38	8s47	15s25	23n23	23n21	22n 5		n.a.

Julian Day Number = 1500232.5, Delta T = 05h07m30s
Ecliptic obliquity = 23°46'04, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'14, Lahiri = -12°19'13 Julian Calendar 1 June 606 BCE == Greg. Calendar 25 May 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

JULY 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 7 8	0♋41'15	7♏42	3°R34	15♉36	14♊ 4	25♌38	10°R23	13°R15	8°R19	13♈29	10°R 7	10♋23	0♌19	n.a.	W 1
T 2	18 11 5	1°38'39	21°35	2♋48	16°27	14°43	25°48	10♏21	13♑12	8♓18	13°29	10♋ 6	10°20	0°26	n.a.	T 2
F 3	18 15 2	2°36'04	5♐55	2° 2	17°18	15°22	25°58	10°19	13°10	8°18	13°30	10° 5	10°16	0°33	n.a.	F 3
S 4	18 18 58	3°33'30	20°36	1°17	18°10	16° 1	26° 8	10°17	13° 8	8°17	13°30	10° 4	10°13	0°39	n.a.	S 4
S 5	18 22 55	4°30'57	5♑33	0°33	19° 3	16°39	26°18	10°15	13° 5	8°17	13°31	10°D 4	10°10	0°46	n.a.	S 5
M 6	18 26 51	5°28'26	20°37	29♊53	19°57	17°18	26°29	10°14	13° 3	8°16	13°31	10° 4	10° 7	0°53	n.a.	M 6
T 7	18 30 48	6°25'56	5♒40	29°16	20°50	17°57	26°39	10°12	13° 1	8°16	13°31	10° 4	10° 4	0°59	n.a.	T 7
W 8	18 34 44	7°23'27	20°34	28°43	21°45	18°35	26°49	10°11	12°58	8°15	13°31	10° 4	10° 1	1° 6	n.a.	W 8
T 9	18 38 41	8°20'59	5♓12	28°16	22°40	19°14	27° 0	10°10	12°56	8°15	13°32	10° 5	9°57	1°13	n.a.	T 9
F 10	18 42 38	9°18'34	19°29	27°54	23°35	19°52	27°10	10° 8	12°53	8°14	13°32	10° 5	9°54	1°19	n.a.	F 10
S 11	18 46 34	10°16'09	3♈23	27°38	24°32	20°31	27°21	10° 7	12°51	8°13	13°32	10° 5	9°51	1°26	n.a.	S 11
S 12	18 50 31	11°13'47	16°54	27°28	25°28	21° 9	27°32	10° 6	12°49	8°13	13°32	10° 5	9°48	1°33	n.a.	S 12
M13	18 54 27	12°11'26	0♉ 3	27°D26	26°25	21°48	27°42	10° 5	12°46	8°12	13°33	10° 5	9°45	1°39	n.a.	M13
T 14	18 58 24	13° 9'07	12°52	27°30	27°23	22°26	27°53	10° 4	12°44	8°11	13°33	10° 5	9°42	1°46	n.a.	T 14
W15	19 2 20	14° 6'50	25°25	27°42	28°20	23° 5	28° 4	10° 3	12°41	8°10	13°33	10° 5	9°38	1°52	n.a.	W15
T 16	19 6 17	15° 4'34	7♊44	28° 2	29°19	23°43	28°15	10° 3	12°39	8° 9	13°33	10° 6	9°35	1°59	n.a.	T 16
F 17	19 10 13	16° 2'21	19°51	28°28	0♊17	24°21	28°26	10° 2	12°37	8° 9	13°33	10° 6	9°32	2° 6	n.a.	F 17
S 18	19 14 10	17° 0'08	1♋50	29° 2	1°17	25° 0	28°38	10° 2	12°34	8° 8	13°33	10° 7	9°29	2°12	n.a.	S 18
S 19	19 18 7	17°57'58	13°43	29°44	2°16	25°38	28°49	10° 1	12°32	8° 7	13°33	10°R 7	9°26	2°19	n.a.	S 19
M20	19 22 3	18°55'49	25°33	0♋32	3°16	26°16	29° 0	10° 1	12°29	8° 6	13°33	10° 6	9°22	2°26	n.a.	M20
T 21	19 26 0	19°53'42	7♌20	1°28	4°16	26°55	29°12	10° 1	12°27	8° 5	13°R33	10° 6	9°19	2°32	n.a.	T 21
W22	19 29 56	20°51'36	19° 9	2°30	5°17	27°33	29°23	10° 1	12°25	8° 4	13°33	10° 4	9°16	2°39	n.a.	W22
T 23	19 33 53	21°49'32	1♍ 0	3°39	6°18	28°11	29°34	10°D 1	12°22	8° 3	13°33	10° 3	9°13	2°46	n.a.	T 23
F 24	19 37 49	22°47'29	12°57	4°54	7°19	28°49	29°46	10° 1	12°20	8° 2	13°33	10° 1	9°10	2°52	n.a.	F 24
S 25	19 41 46	23°45'28	25° 4	6°15	8°21	29°27	29°58	10° 1	12°18	8° 1	13°33	9°59	9° 7	2°59	n.a.	S 25
S 26	19 45 42	24°43'28	7♎24	7°41	9°23	0♋ 5	0♍ 9	10° 1	12°15	8° 0	13°33	9°58	9° 3	3° 6	n.a.	S 26
M27	19 49 39	25°41'29	19°59	9°12	10°25	0°44	0°21	10° 2	12°13	7°58	13°33	9°D57	9° 0	3°12	n.a.	M27
T 28	19 53 36	26°39'33	2♏56	10°47	11°28	1°22	0°33	10° 2	12°11	7°57	13°33	9°57	8°57	3°19	n.a.	T 28
W29	19 57 32	27°37'37	16°15	12°27	12°30	2° 0	0°45	10° 3	12° 8	7°56	13°33	9°58	8°54	3°26	n.a.	W29
T 30	20 1 29	28°35'44	0♐ 0	14°10	13°33	2°38	0°57	10° 3	12° 6	7°55	13°33	9°59	8°51	3°32	n.a.	T 30
F 31	20 5 25	29♋33'52	14♐12	15♋56	14♊37	3♋16	1♍ 9	10♏ 4	12♑ 4	7♓54	13♈32	10♋ 0	8♋48	3♌39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n46	9s50	4n41	19n 3	4s40	13n 2	3s52	23n28	0n40	14n22	1n18	13s15	1n59	23s38	0s33	10s 4	1s38	8s47	15s25	23n23	23n21	22n 5			n.a.
T 2	23 45	14 35	3 58	19 3	4 41	13 18	3 51	23 33	0 41	14 19	1 18	13 15	1 59	23 39	0 33	10 5	1 38	8 47	15 25	23 23	23 22	22 4			n.a.
F 3	23 44	18 39	2 59	19 4	4 41	13 34	3 50	23 38	0 41	14 15	1 18	13 14	1 58	23 39	0 33	10 5	1 38	8 47	15 26	23 23	23 22	22 3			n.a.
S 4	23 43	21 40	1 46	19 7	4 39	13 50	3 48	23 43	0 42	14 12	1 18	13 14	1 58	23 39	0 33	10 5	1 38	8 47	15 26	23 23	23 22	22 3			n.a.
S 5	23 41	23 14	0 25	19 12	4 34	14 6	3 47	23 47	0 42	14 8	1 18	13 14	1 58	23 39	0 33	10 5	1 38	8 48	15 26	23 23	23 22	22 2			n.a.
M 6	23 39	23 7	0s58	19 18	4 28	14 22	3 45	23 52	0 43	14 4	1 18	13 14	1 58	23 40	0 33	10 6	1 38	8 48	15 27	23 23	23 23	22 1			n.a.
T 7	23 37	21 20	2 18	19 25	4 21	14 38	3 43	23 56	0 43	14 1	1 17	13 13	1 58	23 40	0 33	10 6	1 38	8 48	15 27	23 23	23 23	22 1			n.a.
W 8	23 33	18 5	3 27	19 34	4 12	14 54	3 41	24 0	0 44	13 57	1 17	13 13	1 57	23 40	0 33	10 6	1 38	8 48	15 27	23 23	23 23	22 0			n.a.
T 9	23 30	13 46	4 21	19 44	4 1	15 10	3 39	24 3	0 44	13 53	1 17	13 13	1 57	23 40	0 33	10 6	1 38	8 48	15 27	23 23	23 23	21 59			n.a.
F 10	23 26	8 46	4 58	19 56	3 49	15 26	3 37	24 7	0 45	13 49	1 17	13 13	1 57	23 41	0 33	10 7	1 38	8 48	15 28	23 23	23 24	21 58			n.a.
S 11	23 22	3 27	5 16	20 8	3 36	15 42	3 34	24 10	0 45	13 46	1 17	13 13	1 57	23 41	0 33	10 7	1 38	8 49	15 28	23 23	23 24	21 58			n.a.
S 12	23 17	1n53	5 16	20 22	3 23	15 58	3 32	24 14	0 46	13 42	1 17	13 12	1 56	23 41	0 33	10 7	1 38	8 49	15 28	23 23	23 24	21 57			n.a.
M13	23 12	6 59	4 59	20 37	3 8	16 14	3 29	24 17	0 46	13 38	1 17	13 12	1 56	23 41	0 33	10 8	1 38	8 49	15 29	23 23	23 24	21 56			n.a.
T 14	23 6	11 40	4 27	20 52	2 52	16 29	3 27	24 20	0 47	13 34	1 17	13 12	1 56	23 42	0 33	10 8	1 39	8 49	15 29	23 23	23 24	21 56			n.a.
W15	23 0	15 46	3 44	21 9	2 36	16 45	3 24	24 22	0 47	13 30	1 16	13 12	1 56	23 42	0 33	10 8	1 39	8 49	15 29	23 23	23 25	21 55			n.a.
T 16	22 54	19 6	2 50	21 25	2 20	17 1	3 21	24 25	0 48	13 26	1 16	13 12	1 55	23 42	0 33	10 9	1 39	8 50	15 30	23 23	23 25	21 54			n.a.
F 17	22 47	21 33	1 50	21 42	2 4	17 16	3 18	24 27	0 48	13 22	1 16	13 12	1 55	23 42	0 33	10 9	1 39	8 50	15 30	23 23	23 25	21 53			n.a.
S 18	22 40	22 59	0 46	21 59	1 47	17 31	3 15	24 29	0 49	13 18	1 16	13 12	1 55	23 43	0 33	10 10	1 39	8 50	15 30	23 23	23 25	21 53			n.a.
S 19	22 33	23 23	0n20	22 16	1 30	17 46	3 12	24 31	0 49	13 14	1 16	13 12	1 55	23 43	0 33	10 10	1 39	8 50	15 30	23 23	23 26	21 52			n.a.
M20	22 25	22 43	1 25	22 32	1 14	18 1	3 9	24 33	0 50	13 10	1 16	13 13	1 55	23 43	0 33	10 10	1 39	8 51	15 31	23 23	23 26	21 51			n.a.
T 21	22 16	21 2	2 25	22 48	0 58	18 15	3 5	24 34	0 50	13 6	1 16	13 13	1 54	23 43	0 33	10 11	1 39	8 51	15 31	23 23	23 26	21 50			n.a.
W22	22 7	18 27	3 20	23 2	0 42	18 29	3 2	24 35	0 51	13 1	1 16	13 13	1 54	23 43	0 33	10 11	1 39	8 51	15 31	23 23	23 26	21 50			n.a.
T 23	21 58	15 6	4 6	23 16	0 27	18 43	2 59	24 37	0 51	12 57	1 16	13 13	1 54	23 44	0 33	10 12	1 39	8 51	15 32	23 23	23 27	21 49			n.a.
F 24	21 49	11 7	4 42	23 28	0 12	18 57	2 55	24 38	0 52	12 53	1 15	13 13	1 54	23 44	0 33	10 12	1 39	8 52	15 32	23 23	23 27	21 48			n.a.
S 25	21 39	6 39	5 6	23 39	0n 1	19 11	2 52	24 38	0 52	12 49	1 15	13 14	1 53	23 44	0 33	10 12	1 39	8 52	15 32	23 23	23 27	21 47			n.a.
S 26	21 28	1 51	5 16	23 47	0 15	19 24	2 48	24 39	0 53	12 44	1 15	13 14	1 53	23 44	0 33	10 13	1 39	8 52	15 33	23 23	23 27	21 47			n.a.
M27	21 18	3s 7	5 12	23 54	0 27	19 36	2 44	24 39	0 53	12 40	1 15	13 14	1 53	23 45	0 33	10 13	1 39	8 53	15 33	23 23	23 27	21 46			n.a.
T 28	21 7	8 6	4 51	23 58	0 39	19 49	2 41	24 39	0 54	12 36	1 15	13 15	1 53	23 45	0 33	10 14	1 39	8 53	15 33	23 23	23 28	21 45			n.a.
W29	20 55	12 51	4 15	24 0	0 49	20 1	2 37	24 39	0 54	12 32	1 15	13 15	1 52	23 45	0 33	10 14	1 39	8 53	15 33	23 23	23 28	21 44			n.a.
T 30	20 43	17 7	3 24	23 59	0 59	20 13	2 33	24 39	0 55	12 27	1 15	13 16	1 52	23 45	0 33	10 15	1 39	8 54	15 34	23 23	23 28	21 43			n.a.
F 31	20n31	20s32	2n18	23n56	1n 8	20n24	2s29	24n39	0n55	12n23	1n15	13s16	1n52	23s45	0s33	10s15	1s39	8s54	15s34	23n23	23n28	21n42			n.a.

Julian Day Number = 1500262.5, Delta T = 05h07m29s
Ecliptic obliquity = 23°46'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'10, Lahiri = -12°19'09 Julian Calendar 1 July 606 BCE == Greg. Calendar 24 June 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

AUGUST 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 9 22	0♌32'01	28♐48	17♋44	15♊41	3♋54	1♍21	10♏ 5	12°R 2	7°R53	13°R32	10♋ 1	8♋44	3♌46	n.a.	S 1
S 2	20 13 18	1°30'13	13♑45	19°35	16°45	4°32	1°33	10° 6	11♑59	7♓51	13♈32	10°R 2	8°41	3°52	n.a.	S 2
M 3	20 17 15	2°28'26	28°56	21°27	17°49	5° 9	1°45	10° 7	11°57	7°50	13°32	10° 1	8°38	3°59	n.a.	M 3
T 4	20 21 11	3°26'41	14♒10	23°21	18°53	5°47	1°57	10° 8	11°55	7°49	13°31	9°59	8°35	4° 6	n.a.	T 4
W 5	20 25 8	4°24'57	29°19	25°15	19°58	6°25	2° 9	10° 9	11°53	7°47	13°31	9°56	8°32	4°12	n.a.	W 5
T 6	20 29 5	5°23'16	14♓13	27°10	21° 3	7° 3	2°22	10°11	11°51	7°46	13°31	9°53	8°28	4°19	n.a.	T 6
F 7	20 33 1	6°21'37	28°44	29° 5	22° 8	7°41	2°34	10°12	11°49	7°45	13°30	9°49	8°25	4°26	n.a.	F 7
S 8	20 36 58	7°20'00	12♈49	1♌ 1	23°14	8°19	2°46	10°14	11°47	7°43	13°30	9°46	8°22	4°32	n.a.	S 8
S 9	20 40 54	8°18'26	26°25	2°56	24°19	8°56	2°59	10°15	11°44	7°42	13°30	9°45	8°19	4°39	n.a.	S 9
M10	20 44 51	9°16'54	9♉35	4°51	25°25	9°34	3°11	10°17	11°42	7°40	13°29	9°D44	8°16	4°46	n.a.	M10
T 11	20 48 47	10°15'24	22°20	6°45	26°31	10°12	3°23	10°19	11°40	7°39	13°29	9°44	8°13	4°52	n.a.	T 11
W12	20 52 44	11°13'56	4♊46	8°39	27°38	10°50	3°36	10°21	11°38	7°38	13°28	9°46	8° 9	4°59	n.a.	W12
T 13	20 56 40	12°12'31	16°56	10°32	28°44	11°27	3°49	10°23	11°36	7°36	13°28	9°48	8° 6	5° 6	n.a.	T 13
F 14	21 0 37	13°11'08	28°55	12°24	29°51	12° 5	4° 1	10°25	11°35	7°35	13°28	9°49	8° 3	5°12	n.a.	F 14
S 15	21 4 33	14° 9'47	10♋47	14°16	0♋58	12°43	4°14	10°27	11°33	7°33	13°27	9°R50	8° 0	5°19	n.a.	S 15
S 16	21 8 30	15° 8'29	22°35	16° 6	2° 5	13°20	4°26	10°29	11°31	7°32	13°27	9°49	7°57	5°26	n.a.	S 16
M17	21 12 27	16° 7'13	4♌22	17°56	3°13	13°58	4°39	10°32	11°29	7°30	13°26	9°46	7°54	5°32	n.a.	M17
T 18	21 16 23	17° 5'58	16°11	19°45	4°20	14°35	4°52	10°34	11°27	7°29	13°26	9°42	7°50	5°39	n.a.	T 18
W19	21 20 20	18° 4'46	28° 4	21°32	5°28	15°13	5° 5	10°37	11°25	7°27	13°25	9°36	7°47	5°46	n.a.	W19
T 20	21 24 16	19° 3'36	10♍ 3	23°19	6°36	15°50	5°17	10°39	11°24	7°25	13°24	9°28	7°44	5°52	n.a.	T 20
F 21	21 28 13	20° 2'28	22° 8	25° 5	7°44	16°28	5°30	10°42	11°22	7°24	13°24	9°21	7°41	5°59	n.a.	F 21
S 22	21 32 9	21° 1'22	4♎22	26°50	8°52	17° 5	5°43	10°45	11°20	7°22	13°23	9°14	7°38	6° 6	n.a.	S 22
S 23	21 36 6	22° 0'18	16°47	28°33	10° 1	17°43	5°56	10°48	11°18	7°21	13°22	9° 7	7°34	6°12	n.a.	S 23
M24	21 40 2	22°59'16	29°26	0♍16	11°10	18°20	6° 9	10°51	11°17	7°19	13°22	9° 3	7°31	6°19	n.a.	M24
T 25	21 43 59	23°58'15	12♏21	1°58	12°18	18°58	6°22	10°54	11°15	7°17	13°21	9° 0	7°28	6°26	n.a.	T 25
W26	21 47 55	24°57'17	25°34	3°39	13°27	19°35	6°35	10°57	11°14	7°16	13°20	9°D 0	7°25	6°32	n.a.	W26
T 27	21 51 52	25°56'20	9♐ 9	5°19	14°36	20°12	6°48	11° 0	11°12	7°14	13°20	9° 0	7°22	6°39	n.a.	T 27
F 28	21 55 49	26°55'26	23° 7	6°58	15°46	20°49	7° 1	11° 4	11°11	7°13	13°19	9° 1	7°19	6°46	n.a.	F 28
S 29	21 59 45	27°54'33	7♑29	8°37	16°55	21°27	7°14	11° 7	11° 9	7°11	13°18	9°R 2	7°15	6°52	n.a.	S 29
S 30	22 3 42	28°53'42	22°12	10°14	18° 5	22° 4	7°27	11°10	11° 8	7° 9	13°18	9° 1	7°12	6°59	n.a.	S 30
M31	22 7 38	29♌52'53	7♒12	11♍50	19♋14	22♋41	7♍40	11♏14	11♑ 7	7♓ 8	13♈17	8♋59	7♋ 9	7♌ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20n19	22s44	1n 2	23n50	1n16	20n35	2s25	24n38	0n56	12n18	1n15	13s17	1n52	23s46	0s33	10s16	1s39	8s54	15s34	23n23	23n29	21n42		n.a.	
S 2	20 6	23 23	0s21	23 41	1 23	20 45	2 21	24 38	0 56	12 14	1 15	13 17	1 51	23 46	0 33	10 16	1 39	8 55	15 35	23 23	23 29	21 41		n.a.	
M 3	19 53	22 19	1 42	23 30	1 29	20 55	2 17	24 37	0 57	12 9	1 15	13 18	1 51	23 46	0 33	10 17	1 40	8 55	15 35	23 23	23 29	21 40		n.a.	
T 4	19 39	19 37	2 57	23 16	1 34	21 5	2 13	24 36	0 57	12 5	1 15	13 18	1 51	23 46	0 33	10 17	1 40	8 55	15 35	23 23	23 29	21 39		n.a.	
W 5	19 25	15 35	3 59	23 0	1 39	21 14	2 9	24 34	0 58	12 0	1 14	13 19	1 51	23 46	0 33	10 18	1 40	8 56	15 35	23 23	23 29	21 38		n.a.	
T 6	19 11	10 38	4 43	22 41	1 42	21 23	2 5	24 33	0 58	11 56	1 14	13 20	1 50	23 47	0 33	10 19	1 40	8 56	15 36	23 24	23 30	21 37		n.a.	
F 7	18 56	5 13	5 8	22 20	1 45	21 31	2 1	24 31	0 59	11 51	1 14	13 20	1 50	23 47	0 33	10 19	1 40	8 56	15 36	23 24	23 30	21 37		n.a.	
S 8	18 41	0n19	5 14	21 57	1 47	21 39	1 57	24 29	0 59	11 47	1 14	13 21	1 50	23 47	0 33	10 20	1 40	8 57	15 36	23 24	23 30	21 36		n.a.	
S 9	18 26	5 40	5 1	21 31	1 48	21 46	1 53	24 27	1 0	11 42	1 14	13 22	1 50	23 47	0 33	10 20	1 40	8 57	15 36	23 24	23 30	21 35		n.a.	
M10	18 11	10 34	4 33	21 4	1 49	21 53	1 49	24 25	1 0	11 38	1 14	13 22	1 49	23 47	0 33	10 21	1 40	8 58	15 37	23 24	23 30	21 34		n.a.	
T 11	17 55	14 53	3 52	20 35	1 48	21 59	1 44	24 23	1 1	11 33	1 14	13 23	1 49	23 47	0 33	10 21	1 40	8 58	15 37	23 24	23 31	21 33		n.a.	
W12	17 39	18 26	3 0	20 5	1 48	22 5	1 40	24 20	1 1	11 28	1 14	13 24	1 49	23 48	0 33	10 22	1 40	8 58	15 37	23 24	23 31	21 32		n.a.	
T 13	17 22	21 5	2 2	19 32	1 46	22 10	1 36	24 17	1 2	11 24	1 14	13 25	1 49	23 48	0 33	10 22	1 40	8 59	15 38	23 24	23 31	21 31		n.a.	
F 14	17 5	22 46	0 59	18 59	1 44	22 14	1 32	24 14	1 2	11 19	1 14	13 26	1 49	23 48	0 33	10 23	1 40	8 59	15 38	23 24	23 31	21 30		n.a.	
S 15	16 48	23 25	0n 5	18 24	1 42	22 18	1 28	24 11	1 3	11 14	1 14	13 27	1 48	23 48	0 33	10 24	1 40	9 0	15 38	23 24	23 31	21 30		n.a.	
S 16	16 31	22 59	1 9	17 48	1 39	22 22	1 23	24 8	1 3	11 9	1 14	13 28	1 48	23 48	0 33	10 24	1 40	9 0	15 38	23 24	23 32	21 29		n.a.	
M17	16 13	21 32	2 10	17 11	1 36	22 25	1 19	24 5	1 4	11 5	1 14	13 29	1 48	23 48	0 33	10 25	1 40	9 1	15 39	23 24	23 32	21 28		n.a.	
T 18	15 55	19 8	3 5	16 33	1 32	22 27	1 15	24 1	1 4	11 0	1 14	13 30	1 48	23 49	0 33	10 25	1 40	9 1	15 39	23 24	23 32	21 27		n.a.	
W19	15 37	15 56	3 52	15 55	1 28	22 29	1 11	23 57	1 4	10 55	1 14	13 31	1 47	23 49	0 33	10 26	1 40	9 1	15 39	23 25	23 32	21 26		n.a.	
T 20	15 19	12 3	4 30	15 15	1 24	22 30	1 6	23 53	1 5	10 50	1 14	13 32	1 47	23 49	0 33	10 27	1 40	9 2	15 39	23 25	23 32	21 25		n.a.	
F 21	15 0	7 40	4 56	14 35	1 19	22 30	1 2	23 49	1 5	10 45	1 14	13 33	1 47	23 49	0 33	10 27	1 40	9 2	15 40	23 26	23 33	21 24		n.a.	
S 22	14 41	2 56	5 8	13 54	1 14	22 30	0 58	23 45	1 6	10 41	1 14	13 34	1 47	23 49	0 33	10 28	1 40	9 3	15 40	23 27	23 33	21 23		n.a.	
S 23	14 22	1s59	5 6	13 13	1 9	22 29	0 54	23 40	1 6	10 36	1 14	13 35	1 46	23 49	0 33	10 29	1 40	9 3	15 40	23 27	23 33	21 22		n.a.	
M24	14 2	6 54	4 50	12 31	1 4	22 28	0 50	23 36	1 7	10 31	1 13	13 36	1 46	23 49	0 33	10 29	1 40	9 4	15 40	23 27	23 33	21 21		n.a.	
T 25	13 43	11 39	4 19	11 49	0 58	22 26	0 46	23 31	1 7	10 26	1 13	13 37	1 46	23 50	0 33	10 30	1 40	9 4	15 41	23 27	23 33	21 20		n.a.	
W26	13 23	15 58	3 33	11 7	0 52	22 23	0 42	23 26	1 8	10 21	1 13	13 39	1 46	23 50	0 33	10 30	1 40	9 5	15 41	23 27	23 33	21 19		n.a.	
T 27	13 3	19 35	2 34	10 24	0 46	22 20	0 37	23 21	1 8	10 16	1 13	13 40	1 46	23 50	0 33	10 31	1 40	9 5	15 41	23 27	23 34	21 18		n.a.	
F 28	12 42	22 10	1 25	9 41	0 40	22 16	0 33	23 16	1 9	10 11	1 13	13 41	1 45	23 50	0 33	10 32	1 40	9 6	15 41	23 27	23 34	21 17		n.a.	
S 29	12 22	23 25	0 8	8 58	0 33	22 12	0 29	23 10	1 9	10 6	1 13	13 42	1 45	23 50	0 33	10 32	1 40	9 6	15 41	23 27	23 34	21 16		n.a.	
S 30	12 1	23 4	1s10	8 15	0 27	22 7	0 25	23 5	1 10	10 2	1 13	13 44	1 45	23 50	0 33	10 33	1 40	9 7	15 42	23 27	23 34	21 15		n.a.	
M31	11n40	21s 4	2s26	7n32	0n20	22n 1	0s21	22n59	1n10	9n57	1n13	13s45	1n45	23s50	0s33	10s34	1s40	9s 7	15s42	23n28	23n34	21n14		n.a.	

Julian Day Number = 1500293.5, Delta T = 05h07m27s
Ecliptic obliquity = 23°46'04, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'05, Lahiri = -12°19'05 Julian Calendar 1 Aug. 606 BCE == Greg. Calendar 25 July 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

SEPTEMBER 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 11 35	0♍52'06	22♒21	13♍26	20♋24	23♋18	7♍53	11♏18	11°R 5	7°R 6	13°R16	8°R54	7♋ 6	7♌12	n.a.	T 1
W 2	22 15 31	1°51'22	7♓30	15° 1	21°34	23°56	8° 6	11°21	11♉ 4	7♓ 4	13♈15	8♋47	7° 3	7°19	n.a.	W 2
T 3	22 19 28	2°50'39	22°29	16°35	22°44	24°33	8°19	11°25	11° 3	7° 3	13°14	8°38	6°59	7°26	n.a.	T 3
F 4	22 23 24	3°49'59	7♈ 8	18° 9	23°54	25°10	8°32	11°29	11° 2	7° 1	13°14	8°30	6°56	7°32	n.a.	F 4
S 5	22 27 21	4°49'20	21°21	19°41	25° 5	25°47	8°45	11°33	11° 1	6°59	13°13	8°22	6°53	7°39	n.a.	S 5
S 6	22 31 18	5°48'45	5♉ 5	21°13	26°15	26°24	8°58	11°37	11° 0	6°58	13°12	8°16	6°50	7°46	n.a.	S 6
M 7	22 35 14	6°48'12	18°20	22°44	27°26	27° 1	9°11	11°41	10°59	6°56	13°11	8°12	6°47	7°52	n.a.	M 7
T 8	22 39 11	7°47'41	1♊ 9	24°14	28°37	27°38	9°24	11°46	10°58	6°54	13°10	8°10	6°44	7°59	n.a.	T 8
W 9	22 43 7	8°47'13	13°34	25°44	29°48	28°15	9°37	11°50	10°57	6°53	13° 9	8°D10	6°40	8° 6	n.a.	W 9
T 10	22 47 4	9°46'47	25°43	27°12	0♌59	28°52	9°50	11°54	10°56	6°51	13° 8	8°11	6°37	8°12	n.a.	T 10
F 11	22 51 0	10°46'23	7♋39	28°40	2°10	29°29	10° 3	11°59	10°55	6°49	13° 7	8°R11	6°34	8°19	n.a.	F 11
S 12	22 54 57	11°46'02	19°28	0♎ 8	3°21	0♌ 6	10°17	12° 3	10°54	6°48	13° 6	8°10	6°31	8°26	n.a.	S 12
S 13	22 58 53	12°45'44	1♌15	1°34	4°33	0°43	10°30	12° 8	10°53	6°46	13° 5	8° 8	6°28	8°32	n.a.	S 13
M14	23 2 50	13°45'27	13° 3	3° 0	5°44	1°20	10°43	12°12	10°53	6°44	13° 5	8° 2	6°25	8°39	n.a.	M14
T 15	23 6 47	14°45'13	24°56	4°24	6°56	1°56	10°56	12°17	10°52	6°43	13° 4	7°54	6°21	8°46	n.a.	T 15
W16	23 10 43	15°45'01	6♍56	5°48	8° 8	2°33	11° 9	12°22	10°51	6°41	13° 3	7°44	6°18	8°52	n.a.	W16
T 17	23 14 40	16°44'51	19° 5	7°11	9°20	3°10	11°22	12°27	10°51	6°39	13° 2	7°31	6°15	8°59	n.a.	T 17
F 18	23 18 36	17°44'43	1♎24	8°33	10°32	3°47	11°35	12°32	10°50	6°38	13° 1	7°18	6°12	9° 6	n.a.	F 18
S 19	23 22 33	18°44'37	13°52	9°54	11°44	4°23	11°48	12°37	10°50	6°36	13° 0	7° 5	6° 9	9°12	n.a.	S 19
S 20	23 26 29	19°44'34	26°31	11°14	12°56	5° 0	12° 1	12°42	10°49	6°34	12°59	6°54	6° 5	9°19	n.a.	S 20
M21	23 30 26	20°44'32	9♏22	12°33	14° 8	5°37	12°14	12°47	10°49	6°33	12°57	6°45	6° 2	9°26	n.a.	M21
T 22	23 34 22	21°44'31	22°24	13°51	15°21	6°13	12°27	12°52	10°49	6°31	12°56	6°39	5°59	9°32	n.a.	T 22
W23	23 38 19	22°44'33	5♐40	15° 7	16°33	6°50	12°40	12°57	10°49	6°29	12°55	6°36	5°56	9°39	n.a.	W23
T 24	23 42 15	23°44'37	19°11	16°22	17°46	7°26	12°53	13° 3	10°48	6°28	12°54	6°D35	5°53	9°46	n.a.	T 24
F 25	23 46 12	24°44'42	3♑ 0	17°35	18°58	8° 3	13° 6	13° 8	10°48	6°26	12°53	6°R35	5°50	9°52	n.a.	F 25
S 26	23 50 9	25°44'49	17° 6	18°47	20°11	8°39	13°19	13°13	10°48	6°25	12°52	6°35	5°46	9°59	n.a.	S 26
S 27	23 54 5	26°44'57	1♒29	19°57	21°24	9°16	13°32	13°19	10°48	6°23	12°51	6°33	5°43	10° 6	n.a.	S 27
M28	23 58 2	27°45'07	16° 8	21° 4	22°37	9°52	13°45	13°24	10°D48	6°22	12°50	6°29	5°40	10°12	n.a.	M28
T 29	0 1 58	28°45'19	0♓57	22° 9	23°50	10°29	13°58	13°30	10°48	6°20	12°49	6°22	5°37	10°19	n.a.	T 29
W30	0 5 55	29♍45'33	15♓49	23♎12	25♌ 3	11♌ 5	14♍11	13♏36	10♑48	6♓19	12♈48	6♋12	5♋34	10♌26	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n19	17s34	3s31	6n48	0n13	21n54	0s17	22n53	1n11	9n52	1n13	13s46	1n45	23s50	0s33	10s34	1s40	9s 8	15s42	23n28	23n34	21n13		n.a.
W 2	10 58	12 55	4 22	6 5	0 7	21 47	0 14	22 47	1 11	9 47	1 13	13 48	1 44	23 50	0 33	10 35	1 40	9 8	15 42	23 28	23 35	21 12		n.a.
T 3	10 36	7 31	4 54	5 22	0s 0	21 40	0 10	22 41	1 12	9 42	1 13	13 49	1 44	23 50	0 32	10 36	1 40	9 9	15 42	23 29	23 35	21 11		n.a.
F 4	10 14	1 48	5 6	4 38	0 7	21 31	0 6	22 35	1 12	9 37	1 13	13 50	1 44	23 51	0 32	10 36	1 40	9 9	15 43	23 30	23 35	21 10		n.a.
S 5	9 52	3n50	4 58	3 55	0 14	21 22	0 2	22 28	1 13	9 32	1 13	13 52	1 44	23 51	0 32	10 37	1 40	9 10	15 43	23 30	23 35	21 9		n.a.
S 6	9 30	9 6	4 33	3 12	0 21	21 13	0n 2	22 21	1 13	9 27	1 13	13 53	1 43	23 51	0 32	10 38	1 40	9 10	15 43	23 30	23 35	21 8		n.a.
M 7	9 8	13 46	3 54	2 29	0 28	21 3	0 5	22 15	1 14	9 22	1 13	13 55	1 43	23 51	0 32	10 38	1 40	9 11	15 43	23 31	23 36	21 7		n.a.
T 8	8 46	17 39	3 5	1 47	0 36	20 52	0 9	22 8	1 14	9 17	1 13	13 56	1 43	23 51	0 32	10 39	1 40	9 11	15 43	23 31	23 36	21 6		n.a.
W 9	8 23	20 38	2 8	1 4	0 43	20 41	0 13	22 1	1 14	9 12	1 13	13 58	1 43	23 51	0 32	10 39	1 40	9 12	15 43	23 31	23 36	21 5		n.a.
T 10	8 0	22 36	1 6	0 22	0 50	20 29	0 16	21 53	1 15	9 7	1 13	13 59	1 43	23 51	0 32	10 40	1 40	9 12	15 44	23 31	23 36	21 4		n.a.
F 11	7 38	23 30	0 3	0s20	0 57	20 16	0 20	21 46	1 15	9 2	1 13	14 1	1 42	23 51	0 32	10 41	1 40	9 13	15 44	23 31	23 36	21 3		n.a.
S 12	7 15	23 19	1n 0	1 1	1 4	20 3	0 23	21 39	1 16	8 57	1 13	14 2	1 42	23 51	0 32	10 41	1 40	9 13	15 44	23 31	23 36	21 2		n.a.
S 13	6 52	22 6	2 0	1 43	1 11	19 49	0 26	21 31	1 16	8 52	1 13	14 4	1 42	23 51	0 32	10 42	1 40	9 14	15 44	23 31	23 36	21 1		n.a.
M14	6 28	19 55	2 55	2 23	1 18	19 34	0 30	21 23	1 17	8 47	1 13	14 6	1 42	23 51	0 32	10 43	1 40	9 14	15 44	23 31	23 37	21 0		n.a.
T 15	6 5	16 52	3 42	3 4	1 25	19 19	0 33	21 15	1 17	8 42	1 13	14 7	1 42	23 51	0 32	10 43	1 40	9 14	15 44	23 32	23 37	20 59		n.a.
W16	5 42	13 5	4 20	3 44	1 31	19 4	0 36	21 7	1 18	8 37	1 13	14 9	1 42	23 51	0 32	10 44	1 40	9 15	15 44	23 32	23 37	20 58		n.a.
T 17	5 18	8 45	4 46	4 23	1 38	18 48	0 39	20 59	1 18	8 32	1 13	14 11	1 41	23 51	0 32	10 44	1 40	9 15	15 45	23 33	23 37	20 57		n.a.
F 18	4 54	4 1	5 0	5 2	1 44	18 31	0 42	20 51	1 19	8 27	1 13	14 12	1 41	23 51	0 32	10 45	1 40	9 16	15 45	23 34	23 37	20 55		n.a.
S 19	4 31	0s57	4 59	5 40	1 51	18 14	0 45	20 42	1 19	8 22	1 14	14 14	1 41	23 51	0 32	10 46	1 40	9 16	15 45	23 35	23 37	20 54		n.a.
S 20	4 7	5 57	4 44	6 18	1 57	17 56	0 48	20 34	1 20	8 17	1 14	14 16	1 41	23 51	0 32	10 46	1 40	9 17	15 45	23 35	23 38	20 53		n.a.
M21	3 43	10 47	4 15	6 54	2 3	17 38	0 51	20 25	1 20	8 12	1 14	14 17	1 41	23 51	0 32	10 47	1 40	9 17	15 45	23 36	23 38	20 52		n.a.
T 22	3 19	15 13	3 31	7 31	2 9	17 19	0 54	20 16	1 21	8 7	1 14	14 19	1 40	23 51	0 32	10 48	1 40	9 18	15 45	23 36	23 38	20 51		n.a.
W23	2 55	18 59	2 36	8 6	2 14	16 59	0 57	20 8	1 21	8 2	1 14	14 21	1 40	23 51	0 32	10 48	1 40	9 18	15 45	23 36	23 38	20 50		n.a.
T 24	2 31	21 49	1 31	8 40	2 20	16 40	0 59	19 59	1 22	7 57	1 14	14 23	1 40	23 51	0 32	10 49	1 40	9 19	15 45	23 36	23 38	20 49		n.a.
F 25	2 7	23 25	0 19	9 13	2 25	16 19	1 2	19 49	1 22	7 51	1 14	14 24	1 40	23 51	0 32	10 49	1 40	9 19	15 45	23 36	23 38	20 48		n.a.
S 26	1 43	23 34	0s55	9 45	2 30	15 58	1 4	19 40	1 22	7 46	1 14	14 26	1 40	23 51	0 32	10 50	1 40	9 20	15 46	23 36	23 38	20 47		n.a.
S 27	1 19	22 11	2 8	10 16	2 34	15 37	1 7	19 31	1 23	7 41	1 14	14 28	1 40	23 51	0 32	10 50	1 40	9 20	15 46	23 36	23 39	20 45		n.a.
M28	0 54	19 17	3 13	10 46	2 38	15 15	1 9	19 21	1 23	7 36	1 14	14 30	1 39	23 51	0 32	10 51	1 40	9 21	15 46	23 36	23 39	20 44		n.a.
T 29	0 30	15 6	4 6	11 14	2 42	14 53	1 11	19 12	1 24	7 31	1 14	14 32	1 39	23 51	0 32	10 52	1 40	9 21	15 46	23 37	23 39	20 43		n.a.
W30	0n 6	9s59	4s42	11s41	2s45	14n30	1n14	19n 2	1n24	7n27	1n14	14s34	1n39	23s51	0s32	10s52	1s40	9s22	15s46	23n37	23n39	20n42		n.a.

Julian Day Number = 1500324.5, Delta T = 05h07m26s
Ecliptic obliquity = 23°46'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°26'01, Lahiri = -12°19'01 Julian Calendar 1 Sept. 606 BCE == Greg. Calendar 25 Aug. 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

OCTOBER 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 9 51	0♎45'48	0♈35	24♎12	26♌16	11♌41	14♍24	13♏41	10♑48	6°R17	12°R47	6°R 0	5♋30	10♌32	n.a.	T 1
F 2	0 13 48	1°46'05	15° 8	25° 8	27°29	12°18	14°37	13°47	10°48	6♓16	12♈46	5♋48	5°27	10°39	n.a.	F 2
S 3	0 17 44	2°46'24	29°20	26° 1	28°42	12°54	14°50	13°53	10°49	6°14	12°45	5°37	5°24	10°46	n.a.	S 3
S 4	0 21 41	3°46'46	13♉ 5	26°50	29°56	13°30	15° 2	13°59	10°49	6°13	12°43	5°27	5°21	10°52	n.a.	S 4
M 5	0 25 38	4°47'09	26°24	27°35	1♍ 9	14° 6	15°15	14° 5	10°49	6°11	12°42	5°21	5°18	10°59	n.a.	M 5
T 6	0 29 34	5°47'34	9♊16	28°15	2°23	14°42	15°28	14°11	10°50	6°10	12°41	5°16	5°15	11° 6	n.a.	T 6
W 7	0 33 31	6°48'01	21°45	28°48	3°36	15°19	15°40	14°17	10°50	6° 8	12°40	5°15	5°11	11°12	n.a.	W 7
T 8	0 37 27	7°48'31	3♋55	29°16	4°50	15°55	15°53	14°23	10°51	6° 7	12°39	5°14	5° 8	11°19	n.a.	T 8
F 9	0 41 24	8°49'02	15°53	29°37	6° 4	16°31	16° 6	14°29	10°51	6° 6	12°38	5°14	5° 5	11°26	n.a.	F 9
S 10	0 45 20	9°49'35	27°42	29°50	7°17	17° 7	16°18	14°35	10°52	6° 4	12°37	5°13	5° 2	11°32	n.a.	S 10
S 11	0 49 17	10°50'11	9♌30	29°R55	8°31	17°43	16°31	14°41	10°53	6° 3	12°36	5°10	4°59	11°39	n.a.	S 11
M12	0 53 13	11°50'48	21°21	29°51	9°45	18°19	16°43	14°47	10°53	6° 2	12°34	5° 5	4°56	11°46	n.a.	M12
T 13	0 57 10	12°51'27	3♍18	29°38	10°59	18°54	16°56	14°54	10°54	6° 0	12°33	4°56	4°52	11°52	n.a.	T 13
W14	1 1 6	13°52'07	15°26	29°14	12°13	19°30	17° 8	15° 0	10°55	5°59	12°32	4°45	4°49	11°59	n.a.	W14
T 15	1 5 3	14°52'49	27°46	28°40	13°27	20° 6	17°21	15° 6	10°56	5°58	12°31	4°32	4°46	12° 6	n.a.	T 15
F 16	1 9 0	15°53'33	10♎20	27°55	14°41	20°42	17°33	15°13	10°57	5°57	12°30	4°18	4°43	12°12	n.a.	F 16
S 17	1 12 56	16°54'19	23° 6	27° 1	15°56	21°18	17°45	15°19	10°58	5°56	12°29	4° 5	4°40	12°19	n.a.	S 17
S 18	1 16 53	17°55'06	6♏ 6	25°57	17°10	21°53	17°57	15°26	10°59	5°54	12°28	3°53	4°36	12°26	n.a.	S 18
M19	1 20 49	18°55'54	19°17	24°46	18°24	22°29	18°10	15°32	11° 0	5°53	12°26	3°43	4°33	12°32	n.a.	M19
T 20	1 24 46	19°56'44	2♐38	23°29	19°39	23° 4	18°22	15°39	11° 1	5°52	12°25	3°37	4°30	12°39	n.a.	T 20
W21	1 28 42	20°57'35	16°10	22° 8	20°53	23°40	18°34	15°45	11° 2	5°51	12°24	3°33	4°27	12°46	n.a.	W21
T 22	1 32 39	21°58'27	29°50	20°46	22° 7	24°15	18°46	15°52	11° 3	5°50	12°23	3°D32	4°24	12°52	n.a.	T 22
F 23	1 36 35	22°59'20	13♑40	19°26	23°22	24°51	18°58	15°58	11° 4	5°49	12°22	3°32	4°21	12°59	n.a.	F 23
S 24	1 40 32	24° 0'14	27°40	18°10	24°36	25°26	19°10	16° 5	11° 6	5°48	12°21	3°R32	4°17	13° 6	n.a.	S 24
S 25	1 44 29	25° 1'09	11♒49	17° 1	25°51	26° 2	19°22	16°12	11° 7	5°47	12°20	3°31	4°14	13°12	n.a.	S 25
M26	1 48 25	26° 2'05	26° 7	16° 1	27° 6	26°37	19°33	16°18	11° 8	5°46	12°19	3°28	4°11	13°19	n.a.	M26
T 27	1 52 22	27° 3'02	10♓30	15°11	28°20	27°12	19°45	16°25	11°10	5°45	12°18	3°22	4° 8	13°26	n.a.	T 27
W28	1 56 18	28° 4'00	24°55	14°32	29°35	27°47	19°57	16°32	11°11	5°44	12°16	3°13	4° 5	13°32	n.a.	W28
T 29	2 0 15	29° 4'58	9♈15	14° 5	0♎49	28°22	20° 8	16°39	11°13	5°43	12°15	3° 3	4° 2	13°39	n.a.	T 29
F 30	2 4 11	0♏ 5'58	23°26	13°50	2° 4	28°57	20°20	16°45	11°15	5°43	12°14	2°52	3°58	13°46	n.a.	F 30
S 31	2 8 8	1♏ 6'59	7♉21	13°D45	3♎19	29♌32	20♍31	16♏52	11♑16	5♓42	12♈13	2♋42	3♋55	13♌52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0s18	4s19	4s59	12s 6	2s48	14n 7	1n16	18n52	1n25	7n22	1n14	14s36	1n39	23s51	0s32	10s53	1s40	9s22	15s46	23n38	23n39	20n41			n.a.
F 2	0 43	1n30	4 56	12 29	2 50	13 44	1 18	18 42	1 25	7 17	1 14	14 37	1 39	23 51	0 32	10 53	1 40	9 23	15 46	23 38	23 39	20 40			n.a.
S 3	1 7	7 6	4 35	12 50	2 51	13 20	1 20	18 32	1 26	7 12	1 14	14 39	1 39	23 51	0 32	10 54	1 40	9 23	15 46	23 39	23 39	20 38			n.a.
S 4	1 31	12 12	3 59	13 9	2 52	12 55	1 22	18 22	1 26	7 7	1 14	14 41	1 38	23 51	0 32	10 54	1 40	9 24	15 46	23 39	23 40	20 37			n.a.
M 5	1 56	16 32	3 10	13 25	2 52	12 31	1 24	18 12	1 27	7 2	1 14	14 43	1 38	23 51	0 32	10 55	1 40	9 24	15 46	23 40	23 40	20 36			n.a.
T 6	2 20	19 57	2 13	13 39	2 51	12 6	1 25	18 2	1 27	6 57	1 14	14 45	1 38	23 51	0 32	10 55	1 40	9 25	15 46	23 40	23 40	20 35			n.a.
W 7	2 44	22 20	1 11	13 50	2 49	11 40	1 27	17 52	1 28	6 52	1 14	14 47	1 38	23 51	0 32	10 56	1 40	9 25	15 46	23 40	23 40	20 34			n.a.
T 8	3 8	23 36	0 7	13 57	2 46	11 14	1 29	17 41	1 28	6 47	1 15	14 49	1 38	23 51	0 32	10 56	1 40	9 25	15 46	23 40	23 40	20 32			n.a.
F 9	3 33	23 44	0n56	14 1	2 42	10 48	1 30	17 31	1 29	6 42	1 15	14 51	1 38	23 51	0 32	10 57	1 40	9 26	15 46	23 40	23 40	20 31			n.a.
S 10	3 57	22 48	1 56	14 1	2 37	10 22	1 31	17 20	1 29	6 37	1 15	14 53	1 38	23 51	0 32	10 57	1 40	9 26	15 46	23 40	23 40	20 30			n.a.
S 11	4 21	20 51	2 51	13 56	2 30	9 55	1 33	17 9	1 30	6 32	1 15	14 55	1 37	23 51	0 32	10 58	1 40	9 27	15 46	23 40	23 40	20 29			n.a.
M12	4 45	18 1	3 38	13 47	2 22	9 28	1 34	16 58	1 30	6 27	1 15	14 57	1 37	23 51	0 32	10 58	1 40	9 27	15 46	23 40	23 41	20 28			n.a.
T 13	5 9	14 24	4 16	13 33	2 12	9 1	1 35	16 48	1 30	6 23	1 15	14 59	1 37	23 50	0 32	10 59	1 40	9 28	15 46	23 40	23 41	20 26			n.a.
W14	5 33	10 10	4 44	13 13	2 0	8 33	1 36	16 37	1 31	6 18	1 15	15 1	1 37	23 50	0 32	10 59	1 40	9 28	15 46	23 41	23 41	20 25			n.a.
T 15	5 56	5 27	4 58	12 49	1 47	8 5	1 37	16 26	1 31	6 13	1 15	15 3	1 37	23 50	0 32	11 0	1 40	9 28	15 46	23 41	23 41	20 24			n.a.
F 16	6 20	0 26	4 59	12 19	1 32	7 37	1 38	16 14	1 32	6 8	1 15	15 5	1 37	23 50	0 32	11 0	1 40	9 29	15 46	23 42	23 41	20 23			n.a.
S 17	6 44	4s42	4 44	11 43	1 15	7 8	1 39	16 3	1 32	6 3	1 15	15 7	1 37	23 50	0 32	11 0	1 40	9 29	15 46	23 42	23 41	20 21			n.a.
S 18	7 7	9 44	4 15	11 3	0 57	6 40	1 40	15 52	1 33	5 59	1 15	15 9	1 37	23 50	0 32	11 1	1 40	9 30	15 46	23 43	23 41	20 20			n.a.
M19	7 31	14 24	3 31	10 19	0 38	6 11	1 40	15 41	1 33	5 54	1 16	15 11	1 36	23 50	0 32	11 1	1 40	9 30	15 46	23 43	23 41	20 19			n.a.
T 20	7 54	18 26	2 36	9 31	0 18	5 42	1 41	15 29	1 34	5 49	1 16	15 13	1 36	23 50	0 32	11 2	1 40	9 30	15 46	23 43	23 41	20 18			n.a.
W21	8 17	21 32	1 31	8 41	0n 3	5 13	1 41	15 18	1 34	5 45	1 16	15 15	1 36	23 50	0 32	11 2	1 40	9 31	15 46	23 43	23 42	20 16			n.a.
T 22	8 40	23 26	0 20	7 51	0 24	4 43	1 42	15 6	1 35	5 40	1 16	15 17	1 36	23 49	0 32	11 2	1 40	9 31	15 45	23 43	23 42	20 15			n.a.
F 23	9 3	23 57	0s54	7 2	0 44	4 14	1 42	14 55	1 35	5 35	1 16	15 19	1 36	23 49	0 32	11 3	1 40	9 31	15 45	23 43	23 42	20 14			n.a.
S 24	9 26	22 57	2 5	6 15	1 3	3 44	1 43	14 43	1 36	5 31	1 16	15 21	1 36	23 49	0 31	11 3	1 40	9 32	15 45	23 43	23 42	20 12			n.a.
S 25	9 49	20 30	3 9	5 32	1 20	3 14	1 43	14 31	1 36	5 26	1 16	15 23	1 36	23 49	0 31	11 3	1 40	9 32	15 45	23 43	23 42	20 11			n.a.
M26	10 11	16 46	4 2	4 54	1 36	2 44	1 43	14 19	1 37	5 21	1 16	15 25	1 36	23 49	0 31	11 4	1 40	9 32	15 45	23 43	23 42	20 10			n.a.
T 27	10 34	12 2	4 40	4 22	1 51	2 14	1 43	14 8	1 37	5 17	1 16	15 27	1 36	23 49	0 31	11 4	1 39	9 33	15 45	23 43	23 42	20 8			n.a.
W28	10 56	6 37	5 0	3 56	2 3	1 44	1 43	13 56	1 38	5 12	1 17	15 29	1 35	23 49	0 31	11 4	1 39	9 33	15 45	23 44	23 42	20 7			n.a.
T 29	11 18	0 53	5 1	3 36	2 13	1 14	1 43	13 44	1 38	5 8	1 17	15 31	1 35	23 49	0 31	11 4	1 39	9 33	15 45	23 44	23 42	20 6			n.a.
F 30	11 40	4n50	4 44	3 22	2 21	0 44	1 42	13 32	1 39	5 3	1 17	15 33	1 35	23 48	0 31	11 5	1 39	9 34	15 45	23 44	23 42	20 4			n.a.
S 31	12s 1	10n13	4s10	3s15	2n27	0n13	1n42	13n20	1n39	4n59	1n17	15s35	1n35	23s48	0s31	11s 5	1s39	9s34	15s45	23n44	23n43	20n 3			n.a.

Julian Day Number = 1500354.5, Delta T = 05h07m24s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'57, Lahiri = -12°18'57 Julian Calendar 1 Oct. 606 BCE == Greg. Calendar 24 Sept. 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

NOVEMBER 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 12 4	2♏ 8'01	20♉57	13♎51	4♎34	0♍ 7	20♍43	16♏59	11♑18	5°R41	12°R12	2°R33	3♋52	13♌59	n.a.	S 1
M 2	2 16 1	3° 9'04	4♊10	14° 7	5°49	0°42	20°54	17° 6	11°20	5♓40	12♈11	2♋27	3°49	14° 6	n.a.	M 2
T 3	2 19 58	4°10'08	17° 0	14°31	7° 3	1°17	21° 5	17°13	11°21	5°40	12°10	2°24	3°46	14°13	n.a.	T 3
W 4	2 23 54	5°11'13	29°30	15° 4	8°18	1°52	21°16	17°20	11°23	5°39	12° 9	2°D22	3°42	14°19	n.a.	W 4
T 5	2 27 51	6°12'20	11♋43	15°44	9°33	2°27	21°27	17°27	11°25	5°38	12° 8	2°23	3°39	14°26	n.a.	T 5
F 6	2 31 47	7°13'27	23°42	16°30	10°48	3° 1	21°38	17°34	11°27	5°38	12° 7	2°24	3°36	14°33	n.a.	F 6
S 7	2 35 44	8°14'36	5♌34	17°22	12° 3	3°36	21°49	17°41	11°29	5°37	12° 6	2°R24	3°33	14°39	n.a.	S 7
S 8	2 39 40	9°15'45	17°23	18°19	13°18	4°11	22° 0	17°48	11°31	5°37	12° 5	2°24	3°30	14°46	n.a.	S 8
M 9	2 43 37	10°16'56	29°15	19°21	14°33	4°45	22°11	17°55	11°33	5°36	12° 4	2°22	3°27	14°53	n.a.	M 9
T 10	2 47 34	11°18'07	11♍15	20°26	15°48	5°20	22°22	18° 2	11°35	5°36	12° 3	2°17	3°23	14°59	n.a.	T 10
W11	2 51 30	12°19'20	23°27	21°34	17° 3	5°54	22°32	18° 9	11°37	5°35	12° 2	2°11	3°20	15° 6	n.a.	W11
T 12	2 55 27	13°20'33	5♎54	22°45	18°18	6°28	22°43	18°16	11°39	5°35	12° 1	2° 3	3°17	15°13	n.a.	T 12
F 13	2 59 23	14°21'47	18°38	23°59	19°33	7° 3	22°53	18°23	11°42	5°34	12° 0	1°54	3°14	15°19	n.a.	F 13
S 14	3 3 20	15°23'01	1♏41	25°15	20°48	7°37	23° 3	18°30	11°44	5°34	11°59	1°45	3°11	15°26	n.a.	S 14
S 15	3 7 16	16°24'16	15° 1	26°33	22° 3	8°11	23°14	18°37	11°46	5°34	11°58	1°37	3° 7	15°33	n.a.	S 15
M16	3 11 13	17°25'32	28°36	27°53	23°19	8°45	23°24	18°44	11°48	5°33	11°57	1°31	3° 4	15°39	n.a.	M16
T 17	3 15 9	18°26'48	12♐24	29°14	24°34	9°19	23°34	18°51	11°51	5°33	11°56	1°27	3° 1	15°46	n.a.	T 17
W18	3 19 6	19°28'05	26°21	0♏36	25°49	9°53	23°44	18°58	11°53	5°33	11°56	1°D25	2°58	15°53	n.a.	W18
T 19	3 23 3	20°29'22	10♑24	1°59	27° 4	10°27	23°53	19° 5	11°56	5°33	11°55	1°25	2°55	15°59	n.a.	T 19
F 20	3 26 59	21°30'38	24°31	3°23	28°19	11° 0	24° 3	19°12	11°58	5°33	11°54	1°27	2°52	16° 6	n.a.	F 20
S 21	3 30 56	22°31'55	8♒39	4°49	29°34	11°34	24°13	19°19	12° 1	5°32	11°53	1°28	2°48	16°13	n.a.	S 21
S 22	3 34 52	23°33'12	22°48	6°15	0♏50	12° 8	24°22	19°26	12° 3	5°32	11°52	1°R29	2°45	16°19	n.a.	S 22
M23	3 38 49	24°34'28	6♓55	7°41	2° 5	12°41	24°32	19°33	12° 6	5°32	11°51	1°28	2°42	16°26	n.a.	M23
T 24	3 42 45	25°35'44	20°59	9° 9	3°20	13°14	24°41	19°40	12° 8	5°D32	11°51	1°26	2°39	16°33	n.a.	T 24
W25	3 46 42	26°37'00	4♈58	10°36	4°35	13°48	24°50	19°47	12°11	5°32	11°50	1°22	2°36	16°40	n.a.	W25
T 26	3 50 38	27°38'16	18°50	12° 5	5°50	14°21	24°59	19°54	12°14	5°32	11°49	1°17	2°33	16°46	n.a.	T 26
F 27	3 54 35	28°39'32	2♉32	13°34	7° 6	14°54	25° 8	20° 1	12°17	5°33	11°48	1°11	2°29	16°53	n.a.	F 27
S 28	3 58 32	29°40'47	16° 0	15° 3	8°21	15°27	25°17	20° 8	12°19	5°33	11°48	1° 6	2°26	17° 0	n.a.	S 28
S 29	4 2 28	0♐42'03	29°14	16°33	9°36	16° 0	25°26	20°15	12°22	5°33	11°47	1° 1	2°23	17° 6	n.a.	S 29
M30	4 6 25	1♐43'18	12♊11	18♏ 3	10♏51	16♍33	25♍34	20♏22	12♑25	5♓33	11♈46	0♋58	2♋20	17♌13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s23	14n59	3s22	3s13	2n31	0s17	1n42	13n 8	1n39	4n55	1n17	15s37	1n35	23s48	0s31	11s 5	1s39	9s34	15s44	23n45	23n43	20n 2		n.a.
M 2	12 44	18 54	2 25	3 17	2 34	0 48	1 41	12 56	1 40	4 50	1 17	15 39	1 35	23 48	0 31	11 6	1 39	9 35	15 44	23 45	23 43	20 0		n.a.
T 3	13 5	21 46	1 21	3 25	2 36	1 18	1 41	12 44	1 40	4 46	1 17	15 41	1 35	23 48	0 31	11 6	1 39	9 35	15 44	23 45	23 43	19 59		n.a.
W 4	13 26	23 31	0 15	3 38	2 36	1 48	1 40	12 31	1 41	4 41	1 18	15 43	1 35	23 48	0 31	11 6	1 39	9 35	15 44	23 45	23 43	19 58		n.a.
T 5	13 46	24 4	0n50	3 54	2 35	2 19	1 39	12 19	1 41	4 37	1 18	15 45	1 35	23 47	0 31	11 6	1 39	9 35	15 44	23 45	23 43	19 56		n.a.
F 6	14 7	23 30	1 52	4 14	2 33	2 49	1 39	12 7	1 42	4 33	1 18	15 47	1 35	23 47	0 31	11 6	1 39	9 36	15 44	23 45	23 43	19 55		n.a.
S 7	14 27	21 52	2 49	4 36	2 30	3 20	1 38	11 55	1 42	4 29	1 18	15 49	1 35	23 47	0 31	11 7	1 39	9 36	15 43	23 45	23 43	19 54		n.a.
S 8	14 47	19 17	3 38	5 2	2 26	3 50	1 37	11 42	1 43	4 24	1 18	15 52	1 35	23 47	0 31	11 7	1 39	9 36	15 43	23 45	23 43	19 52		n.a.
M 9	15 6	15 54	4 18	5 29	2 22	4 20	1 36	11 30	1 43	4 20	1 18	15 54	1 34	23 47	0 31	11 7	1 39	9 36	15 43	23 45	23 43	19 51		n.a.
T 10	15 26	11 51	4 47	5 58	2 17	4 50	1 35	11 17	1 44	4 16	1 18	15 56	1 34	23 46	0 31	11 7	1 39	9 36	15 43	23 45	23 43	19 50		n.a.
W11	15 45	7 16	5 4	6 29	2 12	5 21	1 34	11 5	1 44	4 12	1 19	15 58	1 34	23 46	0 31	11 7	1 39	9 37	15 43	23 45	23 44	19 48		n.a.
T 12	16 4	2 18	5 6	7 1	2 6	5 51	1 33	10 53	1 45	4 8	1 19	16 0	1 34	23 46	0 31	11 7	1 39	9 37	15 43	23 45	23 44	19 47		n.a.
F 13	16 22	2s52	4 54	7 34	2 0	6 20	1 32	10 40	1 45	4 4	1 19	16 2	1 34	23 46	0 31	11 7	1 39	9 37	15 42	23 45	23 44	19 45		n.a.
S 14	16 40	8 3	4 27	8 8	1 54	6 50	1 30	10 28	1 46	4 0	1 19	16 4	1 34	23 46	0 31	11 7	1 39	9 37	15 42	23 45	23 44	19 44		n.a.
S 15	16 58	13 0	3 44	8 43	1 47	7 20	1 29	10 15	1 46	3 56	1 19	16 6	1 34	23 45	0 31	11 7	1 39	9 37	15 42	23 45	23 44	19 43		n.a.
M16	17 16	17 23	2 48	9 18	1 41	7 49	1 28	10 3	1 47	3 52	1 19	16 8	1 34	23 45	0 31	11 8	1 39	9 38	15 42	23 46	23 44	19 41		n.a.
T 17	17 33	20 55	1 41	9 53	1 34	8 19	1 26	9 50	1 47	3 48	1 20	16 10	1 34	23 45	0 31	11 8	1 39	9 38	15 42	23 46	23 44	19 40		n.a.
W18	17 50	23 15	0 28	10 29	1 27	8 48	1 25	9 38	1 48	3 44	1 20	16 12	1 34	23 45	0 31	11 8	1 39	9 38	15 41	23 46	23 44	19 38		n.a.
T 19	18 7	24 10	0s49	11 5	1 20	9 17	1 23	9 25	1 48	3 41	1 20	16 14	1 34	23 44	0 31	11 8	1 38	9 38	15 41	23 46	23 44	19 37		n.a.
F 20	18 23	23 31	2 2	11 41	1 12	9 45	1 21	9 12	1 49	3 37	1 20	16 16	1 34	23 44	0 31	11 8	1 38	9 38	15 41	23 46	23 44	19 35		n.a.
S 21	18 39	21 22	3 9	12 17	1 5	10 14	1 20	9 0	1 49	3 33	1 20	16 18	1 34	23 44	0 31	11 8	1 38	9 38	15 41	23 46	23 44	19 34		n.a.
S 22	18 55	17 56	4 3	12 53	0 58	10 42	1 18	8 47	1 50	3 30	1 21	16 20	1 34	23 44	0 31	11 8	1 38	9 38	15 40	23 46	23 44	19 32		n.a.
M23	19 10	13 28	4 43	13 28	0 50	11 10	1 16	8 35	1 50	3 26	1 21	16 21	1 34	23 43	0 31	11 8	1 38	9 38	15 40	23 46	23 44	19 31		n.a.
T 24	19 25	8 18	5 6	14 4	0 43	11 38	1 14	8 22	1 51	3 22	1 21	16 23	1 34	23 43	0 31	11 8	1 38	9 38	15 40	23 46	23 44	19 30		n.a.
W25	19 40	2 44	5 11	14 39	0 35	12 5	1 13	8 10	1 51	3 19	1 21	16 25	1 34	23 43	0 31	11 7	1 38	9 38	15 40	23 46	23 45	19 28		n.a.
T 26	19 54	2n54	4 57	15 13	0 28	12 32	1 11	7 57	1 51	3 16	1 21	16 27	1 34	23 43	0 31	11 7	1 38	9 38	15 39	23 46	23 45	19 27		n.a.
F 27	20 8	8 21	4 26	15 48	0 21	12 59	1 9	7 45	1 52	3 12	1 21	16 29	1 34	23 42	0 31	11 7	1 38	9 39	15 39	23 46	23 45	19 25		n.a.
S 28	20 22	13 20	3 41	16 21	0 14	13 26	1 7	7 32	1 52	3 9	1 22	16 31	1 33	23 42	0 31	11 7	1 38	9 39	15 39	23 46	23 45	19 24		n.a.
S 29	20 35	17 35	2 45	16 54	0 7	13 52	1 5	7 19	1 53	3 5	1 22	16 33	1 33	23 42	0 31	11 7	1 38	9 39	15 39	23 46	23 45	19 22		n.a.
M30	20s47	20n54	1s41	17s27	0s 0	14s18	1n 3	7n 7	1n53	3n 2	1n22	16s35	1n33	23s42	0s31	11s 7	1s38	9s39	15s38	23n46	23n45	19n21		n.a.

Julian Day Number = 1500385.5, Delta T = 05h07m23s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'53, Lahiri = -12°18'52 Julian Calendar 1 Nov. 606 BCE == Greg. Calendar 25 Oct. 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 606 BCE
geocentric

DECEMBER 606 BCE (-605) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 10 21	2♐44'33	24♊52	19♏34	12♏ 6	17♍ 6	25♍43	20♏28	12♑28	5♓33	11°R46	0°D57	2♋17	17♌20	n.a.	T 1
W 2	4 14 18	3°45'49	7♋17	21° 5	13°22	17°38	25°51	20°35	12°31	5°34	11♈45	0♋57	2°13	17°26	n.a.	W 2
T 3	4 18 14	4°47'04	19°27	22°37	14°37	18°11	25°59	20°42	12°33	5°34	11°44	0°58	2°10	17°33	n.a.	T 3
F 4	4 22 11	5°48'19	1♌27	24° 8	15°52	18°44	26° 7	20°49	12°36	5°34	11°44	1° 0	2° 7	17°40	n.a.	F 4
S 5	4 26 8	6°49'34	13°20	25°41	17° 7	19°16	26°15	20°56	12°39	5°35	11°43	1° 2	2° 4	17°46	n.a.	S 5
S 6	4 30 4	7°50'49	25°10	27°13	18°22	19°48	26°23	21° 3	12°42	5°35	11°43	1° 3	2° 1	17°53	n.a.	S 6
M 7	4 34 1	8°52'04	7♍ 2	28°47	19°38	20°20	26°31	21°10	12°45	5°36	11°42	1°R 4	1°58	18° 0	n.a.	M 7
T 8	4 37 57	9°53'18	19° 1	0♐20	20°53	20°53	26°38	21°16	12°48	5°36	11°41	1° 3	1°54	18° 6	n.a.	T 8
W 9	4 41 54	10°54'33	1♎12	1°54	22° 8	21°25	26°46	21°23	12°51	5°37	11°41	1° 2	1°51	18°13	n.a.	W 9
T 10	4 45 50	11°55'47	13°40	3°28	23°23	21°56	26°53	21°30	12°55	5°37	11°40	1° 0	1°48	18°20	n.a.	T 10
F 11	4 49 47	12°57'01	26°27	5° 3	24°39	22°28	27° 0	21°37	12°58	5°38	11°40	0°57	1°45	18°26	n.a.	F 11
S 12	4 53 43	13°58'14	9♏36	6°39	25°54	23° 0	27° 7	21°43	13° 1	5°38	11°39	0°55	1°42	18°33	n.a.	S 12
S 13	4 57 40	14°59'27	23° 8	8°14	27° 9	23°31	27°14	21°50	13° 4	5°39	11°39	0°52	1°39	18°40	n.a.	S 13
M14	5 1 37	16° 0'40	7♐ 1	9°51	28°24	24° 3	27°21	21°57	13° 7	5°40	11°39	0°51	1°35	18°47	n.a.	M14
T 15	5 5 33	17° 1'52	21°12	11°28	29°39	24°34	27°27	22° 3	13°10	5°40	11°38	0°50	1°32	18°53	n.a.	T 15
W16	5 9 30	18° 3'03	5♑37	13° 5	0♐55	25° 5	27°34	22°10	13°14	5°41	11°38	0°D49	1°29	19° 0	n.a.	W16
T 17	5 13 26	19° 4'14	20°10	14°43	2°10	25°36	27°40	22°16	13°17	5°42	11°38	0°50	1°26	19° 7	n.a.	T 17
F 18	5 17 23	20° 5'23	4♒44	16°21	3°25	26° 7	27°46	22°23	13°20	5°43	11°37	0°51	1°23	19°13	n.a.	F 18
S 19	5 21 19	21° 6'32	19°16	18° 0	4°40	26°38	27°52	22°29	13°23	5°44	11°37	0°52	1°19	19°20	n.a.	S 19
S 20	5 25 16	22° 7'39	3♓39	19°40	5°55	27° 8	27°58	22°36	13°27	5°44	11°37	0°52	1°16	19°27	n.a.	S 20
M21	5 29 13	23° 8'45	17°51	21°20	7°11	27°39	28° 4	22°42	13°30	5°45	11°36	0°R53	1°13	19°33	n.a.	M21
T 22	5 33 9	24° 9'49	1♈50	23° 1	8°26	28° 9	28° 9	22°49	13°33	5°46	11°36	0°53	1°10	19°40	n.a.	T 22
W23	5 37 6	25°10'52	15°34	24°42	9°41	28°39	28°14	22°55	13°37	5°47	11°36	0°52	1° 7	19°47	n.a.	W23
T 24	5 41 2	26°11'54	29° 5	26°24	10°56	29° 9	28°20	23° 1	13°40	5°48	11°36	0°52	1° 4	19°53	n.a.	T 24
F 25	5 44 59	27°12'55	12♉21	28° 7	12°11	29°39	28°24	23° 7	13°43	5°49	11°35	0°51	1° 0	20° 0	n.a.	F 25
S 26	5 48 55	28°13'54	25°24	29°50	13°26	0♎ 9	28°29	23°14	13°47	5°51	11°35	0°51	0°57	20° 7	n.a.	S 26
S 27	5 52 52	29°14'52	8♊13	1♑34	14°41	0°38	28°34	23°20	13°50	5°52	11°35	0°51	0°54	20°14	n.a.	S 27
M28	5 56 48	0♑15'49	20°49	3°18	15°56	1° 7	28°38	23°26	13°54	5°53	11°35	0°51	0°51	20°20	n.a.	M28
T 29	6 0 45	1°16'45	3♋14	5° 3	17°12	1°37	28°43	23°32	13°57	5°54	11°35	0°51	0°48	20°27	n.a.	T 29
W30	6 4 42	2°17'40	15°28	6°49	18°27	2° 6	28°47	23°38	14° 0	5°55	11°35	0°51	0°45	20°34	n.a.	W30
T 31	6 8 38	3♑18'33	27♋32	8♑35	19♐42	2♎35	28♍51	23♏44	14♑ 4	5♓56	11♈35	0♋51	0♋41	20♌40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21s 0	23n 7	0s33	17s59	0s 7	14s43	1n 0	6n54	1n54	2n59	1n22	16s37	1n33	23s41	0s31	11s 7	1s38	9s39	15s38	23n46	23n45	19n19			n.a.
W 2	21 12	24 9	0n35	18 30	0 14	15 8	0 58	6 42	1 54	2 56	1 23	16 39	1 33	23 41	0 31	11 7	1 38	9 39	15 38	23 46	23 45	19 18			n.a.
T 3	21 23	23 59	1 40	19 1	0 21	15 33	0 56	6 29	1 55	2 53	1 23	16 40	1 33	23 41	0 31	11 7	1 38	9 39	15 37	23 46	23 45	19 16			n.a.
F 4	21 34	22 42	2 40	19 31	0 28	15 57	0 54	6 17	1 55	2 50	1 23	16 42	1 33	23 40	0 31	11 6	1 38	9 39	15 37	23 46	23 45	19 15			n.a.
S 5	21 45	20 26	3 33	20 0	0 34	16 21	0 52	6 5	1 56	2 47	1 23	16 44	1 33	23 40	0 31	11 6	1 38	9 39	15 37	23 46	23 45	19 13			n.a.
S 6	21 55	17 19	4 16	20 28	0 40	16 45	0 49	5 52	1 56	2 44	1 23	16 46	1 33	23 40	0 31	11 6	1 38	9 38	15 37	23 46	23 45	19 12			n.a.
M 7	22 5	13 30	4 48	20 55	0 47	17 8	0 47	5 40	1 57	2 41	1 24	16 48	1 33	23 39	0 31	11 6	1 38	9 38	15 36	23 46	23 45	19 10			n.a.
T 8	22 14	9 7	5 9	21 21	0 53	17 30	0 45	5 27	1 57	2 38	1 24	16 50	1 33	23 39	0 31	11 6	1 38	9 38	15 36	23 46	23 45	19 9			n.a.
W 9	22 23	4 20	5 15	21 47	0 58	17 52	0 42	5 15	1 58	2 35	1 24	16 51	1 33	23 39	0 31	11 5	1 37	9 38	15 36	23 46	23 45	19 7			n.a.
T 10	22 32	0s45	5 8	22 11	1 4	18 14	0 40	5 3	1 58	2 32	1 24	16 53	1 33	23 39	0 31	11 5	1 37	9 38	15 35	23 46	23 45	19 5			n.a.
F 11	22 40	5 55	4 45	22 34	1 10	18 35	0 38	4 50	1 59	2 30	1 25	16 55	1 33	23 38	0 31	11 5	1 37	9 38	15 35	23 46	23 45	19 4			n.a.
S 12	22 47	10 59	4 7	22 57	1 15	18 56	0 35	4 38	1 59	2 27	1 25	16 57	1 33	23 38	0 31	11 5	1 37	9 38	15 35	23 46	23 45	19 2			n.a.
S 13	22 55	15 41	3 14	23 18	1 20	19 16	0 33	4 26	2 0	2 25	1 25	16 58	1 33	23 38	0 31	11 4	1 37	9 38	15 34	23 46	23 45	19 1			n.a.
M14	23 1	19 41	2 8	23 38	1 25	19 35	0 30	4 14	2 0	2 22	1 25	17 0	1 33	23 37	0 31	11 4	1 37	9 38	15 34	23 46	23 46	18 59			n.a.
T 15	23 8	22 35	0 53	23 56	1 29	19 54	0 28	4 2	2 1	2 20	1 25	17 2	1 33	23 37	0 31	11 4	1 37	9 38	15 34	23 46	23 46	18 58			n.a.
W16	23 13	24 5	0s27	24 14	1 34	20 13	0 25	3 50	2 1	2 17	1 26	17 4	1 33	23 37	0 31	11 3	1 37	9 37	15 33	23 46	23 46	18 56			n.a.
T 17	23 19	23 58	1 45	24 30	1 38	20 30	0 23	3 38	2 2	2 15	1 26	17 5	1 33	23 36	0 31	11 3	1 37	9 37	15 33	23 46	23 46	18 54			n.a.
F 18	23 24	22 12	2 57	24 45	1 42	20 48	0 20	3 26	2 2	2 13	1 26	17 7	1 33	23 36	0 31	11 3	1 37	9 37	15 33	23 46	23 46	18 53			n.a.
S 19	23 28	19 0	3 57	24 58	1 45	21 4	0 18	3 14	2 3	2 11	1 26	17 9	1 33	23 36	0 31	11 2	1 37	9 37	15 33	23 46	23 46	18 51			n.a.
S 20	23 32	14 41	4 42	25 10	1 48	21 20	0 15	3 2	2 3	2 9	1 27	17 10	1 33	23 35	0 31	11 2	1 37	9 37	15 32	23 46	23 46	18 50			n.a.
M21	23 35	9 36	5 9	25 20	1 51	21 36	0 13	2 50	2 4	2 6	1 27	17 12	1 33	23 35	0 31	11 1	1 37	9 37	15 32	23 46	23 46	18 48			n.a.
T 22	23 38	4 6	5 17	25 29	1 54	21 51	0 10	2 38	2 4	2 5	1 27	17 13	1 33	23 35	0 31	11 1	1 37	9 36	15 32	23 46	23 46	18 46			n.a.
W23	23 41	1n30	5 7	25 36	1 56	22 5	0 8	2 27	2 4	2 3	1 27	17 15	1 33	23 34	0 31	11 1	1 37	9 36	15 31	23 46	23 46	18 45			n.a.
T 24	23 43	6 56	4 40	25 41	1 58	22 18	0 5	2 15	2 5	2 1	1 28	17 17	1 33	23 34	0 31	11 0	1 37	9 36	15 31	23 46	23 46	18 43			n.a.
F 25	23 44	11 59	3 58	25 45	1 59	22 31	0 3	2 3	2 5	1 59	1 28	17 18	1 33	23 34	0 31	11 0	1 37	9 36	15 31	23 46	23 46	18 42			n.a.
S 26	23 45	16 23	3 4	25 47	2 1	22 43	0 0	1 52	2 6	1 57	1 28	17 20	1 33	23 33	0 31	10 59	1 37	9 35	15 30	23 46	23 46	18 40			n.a.
S 27	23 46	19 58	2 2	25 47	2 1	22 55	0s 2	1 40	2 6	1 56	1 28	17 21	1 33	23 33	0 31	10 59	1 37	9 35	15 30	23 46	23 46	18 38			n.a.
M28	23 46	22 31	0 55	25 45	2 2	23 5	0 5	1 29	2 7	1 54	1 29	17 23	1 33	23 32	0 31	10 58	1 37	9 35	15 29	23 46	23 46	18 37			n.a.
T 29	23 46	23 57	0n13	25 41	2 1	23 15	0 7	1 18	2 7	1 53	1 29	17 24	1 34	23 32	0 31	10 58	1 37	9 35	15 29	23 46	23 46	18 35			n.a.
W30	23 45	24 11	1 20	25 36	2 1	23 25	0 9	1 6	2 8	1 51	1 29	17 26	1 34	23 32	0 31	10 57	1 37	9 34	15 29	23 46	23 46	18 33			n.a.
T 31	23s44	23n16	2n23	25s28	1s59	23s34	0s12	0n55	2n 8	1n50	1n30	17s27	1n34	23s31	0s31	10s57	1s36	9s34	15s28	23n46	23n46	18n32			n.a.

Julian Day Number = 1500415.5, Delta T = 05h07m21s
Ecliptic obliquity = 23°46'05, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'49, Lahiri = -12°18'48 Julian Calendar 1 Dec. 606 BCE == Greg. Calendar 24 Nov. 606 BCE

The year -605 astronomical counting style corresponds to year 606 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

JANUARY 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 12 35	4♑19'25	9♌29	10♑22	20♐57	3♎ 3	28♍55	23♏50	14♑ 7	5♓58	11°R35	0°R50	0♋38	20♌47	n.a.	F 1
S 2	6 16 31	5°20'16	21°22	12° 9	22°12	3°32	28°58	23°56	14°11	5°59	11°D35	0♋50	0°35	20°54	n.a.	S 2
S 3	6 20 28	6°21'05	3♍12	13°56	23°27	4° 0	29° 2	24° 1	14°14	6° 0	11♈35	0°49	0°32	21° 0	n.a.	S 3
M 4	6 24 24	7°21'54	15° 4	15°44	24°42	4°28	29° 5	24° 7	14°18	6° 2	11°35	0°48	0°29	21° 7	n.a.	M 4
T 5	6 28 21	8°22'41	27° 2	17°32	25°57	4°56	29° 8	24°13	14°21	6° 3	11°35	0°48	0°25	21°14	n.a.	T 5
W 6	6 32 17	9°23'27	9♎10	19°19	27°12	5°24	29°11	24°18	14°25	6° 4	11°35	0°D47	0°22	21°20	n.a.	W 6
T 7	6 36 14	10°24'12	21°34	21° 7	28°27	5°52	29°14	24°24	14°28	6° 6	11°35	0°48	0°19	21°27	n.a.	T 7
F 8	6 40 11	11°24'56	4♏17	22°54	29°42	6°19	29°17	24°30	14°31	6° 7	11°35	0°48	0°16	21°34	n.a.	F 8
S 9	6 44 7	12°25'38	17°23	24°41	0♑57	6°46	29°19	24°35	14°35	6° 9	11°35	0°49	0°13	21°41	n.a.	S 9
S 10	6 48 4	13°26'19	0♐54	26°26	2°12	7°13	29°21	24°41	14°38	6°10	11°35	0°50	0°10	21°47	n.a.	S 10
M11	6 52 0	14°26'59	14°52	28°11	3°27	7°40	29°23	24°46	14°42	6°12	11°36	0°51	0° 6	21°54	n.a.	M11
T 12	6 55 57	15°27'37	29°14	29°53	4°42	8° 6	29°25	24°51	14°45	6°13	11°36	0°R52	0° 3	22° 1	n.a.	T 12
W13	6 59 53	16°28'14	13♑56	1♒34	5°57	8°32	29°27	24°56	14°49	6°15	11°36	0°51	0° 0	22° 7	n.a.	W13
T 14	7 3 50	17°28'49	28°53	3°12	7°12	8°58	29°28	25° 2	14°52	6°17	11°36	0°50	29♊57	22°14	n.a.	T 14
F 15	7 7 46	18°29'23	13♒54	4°47	8°27	9°24	29°29	25° 7	14°56	6°18	11°37	0°48	29°54	22°21	n.a.	F 15
S 16	7 11 43	19°29'54	28°53	6°18	9°42	9°50	29°30	25°12	14°59	6°20	11°37	0°46	29°51	22°27	n.a.	S 16
S 17	7 15 40	20°30'24	13♓39	7°45	10°57	10°15	29°31	25°17	15° 3	6°22	11°37	0°43	29°47	22°34	n.a.	S 17
M18	7 19 36	21°30'51	28° 8	9° 7	12°12	10°40	29°32	25°22	15° 6	6°23	11°37	0°41	29°44	22°41	n.a.	M18
T 19	7 23 33	22°31'16	12♈15	10°24	13°27	11° 4	29°32	25°26	15°10	6°25	11°38	0°40	29°41	22°48	n.a.	T 19
W20	7 27 29	23°31'40	25°59	11°35	14°41	11°29	29°33	25°31	15°13	6°27	11°38	0°D40	29°38	22°54	n.a.	W20
T 21	7 31 26	24°32'01	9♉22	12°38	15°56	11°53	29°R33	25°36	15°17	6°29	11°39	0°40	29°35	23° 1	n.a.	T 21
F 22	7 35 22	25°32'20	22°24	13°34	17°11	12°17	29°33	25°41	15°20	6°30	11°39	0°42	29°31	23° 8	n.a.	F 22
S 23	7 39 19	26°32'36	5♊ 9	14°22	18°26	12°40	29°33	25°45	15°23	6°32	11°39	0°43	29°28	23°14	n.a.	S 23
S 24	7 43 15	27°32'51	17°39	15° 2	19°41	13° 4	29°32	25°50	15°27	6°34	11°40	0°45	29°25	23°21	n.a.	S 24
M25	7 47 12	28°33'04	29°58	15°32	20°56	13°27	29°31	25°54	15°30	6°36	11°40	0°R45	29°22	23°28	n.a.	M25
T 26	7 51 9	29°33'15	12♋ 7	15°53	22°10	13°49	29°31	25°58	15°34	6°38	11°41	0°45	29°19	23°34	n.a.	T 26
W27	7 55 5	0♒33'23	24° 9	16° 5	23°25	14°12	29°30	26° 3	15°37	6°40	11°41	0°43	29°16	23°41	n.a.	W27
T 28	7 59 2	1°33'30	6♌ 6	16°R 7	24°40	14°34	29°28	26° 7	15°41	6°42	11°42	0°39	29°12	23°48	n.a.	T 28
F 29	8 2 58	2°33'35	17°59	15°59	25°55	14°56	29°27	26°11	15°44	6°44	11°43	0°34	29° 9	23°54	n.a.	F 29
S 30	8 6 55	3°33'37	29°50	15°43	27° 9	15°17	29°26	26°15	15°47	6°45	11°43	0°28	29° 6	24° 1	n.a.	S 30
S 31	8 10 51	4♒33'38	11♍42	15♒17	28♑24	15♎38	29♍24	26♏19	15♑51	6♓47	11♈44	0♋22	29♊ 3	24♌ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s42	21n18	3n19	25s19	1s58	23s42	0s14	0n44	2n 9	1n48	1n30	17s29	1n34	23s31	0s31	10s56	1s36	9s34	15s28	23n46	23n46	18n30		n.a.
S 2	23 40	18 26	4 5	25 7	1 55	23 49	0 17	0 33	2 9	1 47	1 30	17 30	1 34	23 31	0 31	10 56	1 36	9 33	15 28	23 46	23 46	18 28		n.a.
S 3	23 37	14 50	4 41	24 53	1 52	23 55	0 19	0 22	2 10	1 46	1 30	17 31	1 34	23 30	0 31	10 55	1 36	9 33	15 27	23 46	23 46	18 27		n.a.
M 4	23 34	10 38	5 5	24 38	1 49	24 1	0 21	0 11	2 10	1 45	1 31	17 33	1 34	23 30	0 31	10 55	1 36	9 33	15 27	23 46	23 46	18 25		n.a.
T 5	23 30	6 1	5 16	24 20	1 45	24 6	0 24	0 0	2 11	1 44	1 31	17 34	1 34	23 30	0 31	10 54	1 36	9 32	15 27	23 46	23 46	18 23		n.a.
W 6	23 26	1 7	5 14	24 0	1 40	24 10	0 26	0s10	2 11	1 43	1 31	17 36	1 34	23 29	0 31	10 54	1 36	9 32	15 26	23 46	23 46	18 22		n.a.
T 7	23 21	3s56	4 57	23 38	1 34	24 14	0 28	0 21	2 11	1 42	1 31	17 37	1 34	23 29	0 31	10 53	1 36	9 32	15 26	23 46	23 46	18 20		n.a.
F 8	23 16	8 58	4 25	23 15	1 28	24 17	0 31	0 32	2 12	1 41	1 32	17 38	1 34	23 28	0 31	10 53	1 36	9 31	15 26	23 46	23 46	18 18		n.a.
S 9	23 11	13 46	3 38	22 49	1 21	24 19	0 33	0 42	2 12	1 41	1 32	17 39	1 34	23 28	0 31	10 52	1 36	9 31	15 25	23 46	23 46	18 17		n.a.
S 10	23 5	18 2	2 38	22 21	1 14	24 20	0 35	0 52	2 13	1 40	1 32	17 41	1 34	23 28	0 31	10 51	1 36	9 31	15 25	23 46	23 46	18 15		n.a.
M11	22 58	21 27	1 27	21 52	1 5	24 21	0 37	1 3	2 13	1 40	1 32	17 42	1 34	23 27	0 31	10 51	1 36	9 30	15 25	23 46	23 46	18 13		n.a.
T 12	22 51	23 37	0 9	21 22	0 56	24 20	0 39	1 13	2 14	1 39	1 33	17 43	1 34	23 27	0 31	10 50	1 36	9 30	15 24	23 46	23 46	18 11		n.a.
W13	22 44	24 13	1s12	20 50	0 46	24 19	0 41	1 23	2 14	1 39	1 33	17 44	1 34	23 27	0 31	10 49	1 36	9 29	15 24	23 46	23 46	18 10		n.a.
T 14	22 36	23 5	2 29	20 16	0 35	24 18	0 44	1 33	2 14	1 38	1 33	17 46	1 34	23 26	0 31	10 49	1 36	9 29	15 24	23 46	23 46	18 8		n.a.
F 15	22 28	20 19	3 36	19 42	0 23	24 15	0 46	1 43	2 15	1 38	1 34	17 47	1 34	23 26	0 31	10 48	1 36	9 29	15 23	23 46	23 46	18 6		n.a.
S 16	22 20	16 12	4 28	19 8	0 11	24 12	0 48	1 53	2 15	1 38	1 34	17 48	1 34	23 25	0 31	10 48	1 36	9 28	15 23	23 46	23 46	18 5		n.a.
S 17	22 11	11 8	5 1	18 33	0n 2	24 8	0 49	2 2	2 16	1 38	1 34	17 49	1 34	23 25	0 31	10 47	1 36	9 28	15 23	23 46	23 46	18 3		n.a.
M18	22 1	5 33	5 15	17 58	0 16	24 3	0 51	2 12	2 16	1 38	1 34	17 50	1 34	23 25	0 31	10 46	1 36	9 27	15 22	23 46	23 46	18 1		n.a.
T 19	21 51	0n10	5 9	17 23	0 30	23 58	0 53	2 21	2 16	1 38	1 35	17 51	1 35	23 24	0 31	10 46	1 36	9 27	15 22	23 46	23 46	17 59		n.a.
W20	21 41	5 45	4 45	16 49	0 45	23 51	0 55	2 30	2 17	1 38	1 35	17 52	1 35	23 24	0 31	10 45	1 36	9 26	15 22	23 46	23 46	17 58		n.a.
T 21	21 31	10 55	4 6	16 17	1 1	23 45	0 57	2 40	2 17	1 38	1 35	17 53	1 35	23 23	0 31	10 44	1 36	9 26	15 21	23 46	23 46	17 56		n.a.
F 22	21 19	15 28	3 16	15 46	1 16	23 37	0 59	2 49	2 18	1 38	1 35	17 55	1 35	23 23	0 31	10 43	1 36	9 26	15 21	23 46	23 46	17 54		n.a.
S 23	21 8	19 13	2 16	15 17	1 32	23 28	1 0	2 58	2 18	1 39	1 36	17 56	1 35	23 23	0 31	10 43	1 36	9 25	15 21	23 46	23 46	17 52		n.a.
S 24	20 56	22 0	1 11	14 50	1 48	23 19	1 2	3 6	2 18	1 39	1 36	17 57	1 35	23 22	0 31	10 42	1 36	9 25	15 20	23 46	23 46	17 50		n.a.
M25	20 44	23 42	0 4	14 26	2 4	23 10	1 3	3 15	2 19	1 40	1 36	17 58	1 35	23 22	0 31	10 41	1 36	9 24	15 20	23 46	23 46	17 49		n.a.
T 26	20 31	24 14	1n 2	14 5	2 19	22 59	1 5	3 24	2 19	1 40	1 37	17 58	1 35	23 21	0 31	10 41	1 36	9 24	15 20	23 46	23 46	17 47		n.a.
W27	20 18	23 37	2 5	13 47	2 34	22 48	1 7	3 32	2 19	1 41	1 37	17 59	1 35	23 21	0 31	10 40	1 36	9 23	15 19	23 46	23 46	17 45		n.a.
T 28	20 5	21 56	3 1	13 33	2 48	22 36	1 8	3 40	2 20	1 42	1 37	18 0	1 35	23 21	0 31	10 39	1 36	9 23	15 19	23 46	23 46	17 43		n.a.
F 29	19 51	19 17	3 50	13 23	3 1	22 23	1 9	3 49	2 20	1 42	1 37	18 1	1 35	23 20	0 31	10 38	1 35	9 22	15 19	23 46	23 46	17 42		n.a.
S 30	19 37	15 51	4 28	13 16	3 14	22 10	1 11	3 57	2 20	1 43	1 38	18 2	1 35	23 20	0 31	10 38	1 35	9 22	15 18	23 46	23 46	17 40		n.a.
S 31	19s23	11n48	4n55	13s13	3n24	21s56	1s12	4s 5	2n21	1n44	1n38	18s 3	1n35	23s20	0s31	10s37	1s35	9s21	15s18	23n46	23n46	17n38		n.a.

Julian Day Number = 1500446.5, Delta T = 05h07m20s
Ecliptic obliquity = 23°46'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'44, Lahiri = -12°18'44 Julian Calendar 1 Jan. 605 BCE == Greg. Calendar 25 Dec. 606 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

FEBRUARY 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 14 48	5♒33'37	23♍36	14°R44	29♉39	15♎59	29°R22	26♏23	15♉54	6♓49	11♈44	0°R15	29♊ 0	24♌15	n.a.	M 1
T 2	8 18 44	6°33'34	5♎35	14♒ 3	0♒54	16°19	29♍20	26°27	15°57	6°51	11°45	0♋10	28°57	24°21	n.a.	T 2
W 3	8 22 41	7°33'29	17°43	13°16	2° 8	16°39	29°17	26°30	16° 1	6°53	11°46	0° 7	28°53	24°28	n.a.	W 3
T 4	8 26 38	8°33'22	0♏ 3	12°25	3°23	16°59	29°15	26°34	16° 4	6°56	11°46	0° 5	28°50	24°35	n.a.	T 4
F 5	8 30 34	9°33'14	12°41	11°29	4°38	17°18	29°12	26°37	16° 7	6°58	11°47	0°D 4	28°47	24°41	n.a.	F 5
S 6	8 34 31	10°33'04	25°39	10°31	5°52	17°37	29° 9	26°41	16°10	7° 0	11°48	0° 5	28°44	24°48	n.a.	S 6
S 7	8 38 27	11°32'52	9♐ 2	9°33	7° 7	17°55	29° 6	26°44	16°14	7° 2	11°49	0° 6	28°41	24°55	n.a.	S 7
M 8	8 42 24	12°32'38	22°52	8°34	8°22	18°13	29° 3	26°48	16°17	7° 4	11°49	0°R 8	28°37	25° 1	n.a.	M 8
T 9	8 46 20	13°32'23	7♑11	7°37	9°36	18°31	29° 0	26°51	16°20	7° 6	11°50	0° 8	28°34	25° 8	n.a.	T 9
W10	8 50 17	14°32'05	21°54	6°42	10°51	18°48	28°56	26°54	16°23	7° 8	11°51	0° 6	28°31	25°15	n.a.	W10
T 11	8 54 13	15°31'46	6♒58	5°52	12° 6	19° 4	28°53	26°57	16°26	7°10	11°52	0° 2	28°28	25°22	n.a.	T 11
F 12	8 58 10	16°31'24	22°14	5° 5	13°20	19°20	28°49	27° 0	16°29	7°12	11°53	29♊56	28°25	25°28	n.a.	F 12
S 13	9 2 7	17°31'01	7♓30	4°24	14°35	19°36	28°45	27° 3	16°33	7°14	11°53	29°49	28°22	25°35	n.a.	S 13
S 14	9 6 3	18°30'34	22°37	3°48	15°49	19°51	28°40	27° 5	16°36	7°17	11°54	29°41	28°18	25°42	n.a.	S 14
M15	9 10 0	19°30'06	7♈24	3°18	17° 4	20° 6	28°36	27° 8	16°39	7°19	11°55	29°35	28°15	25°48	n.a.	M15
T 16	9 13 56	20°29'35	21°45	2°54	18°18	20°20	28°31	27°11	16°42	7°21	11°56	29°29	28°12	25°55	n.a.	T 16
W17	9 17 53	21°29'02	5♉39	2°36	19°33	20°34	28°27	27°13	16°45	7°23	11°57	29°26	28° 9	26° 2	n.a.	W17
T 18	9 21 49	22°28'26	19° 4	2°25	20°47	20°47	28°22	27°16	16°48	7°25	11°58	29°D25	28° 6	26° 8	n.a.	T 18
F 19	9 25 46	23°27'48	2♊ 4	2°D19	22° 2	21° 0	28°17	27°18	16°51	7°28	11°59	29°25	28° 3	26°15	n.a.	F 19
S 20	9 29 42	24°27'07	14°43	2°19	23°16	21°12	28°12	27°20	16°54	7°30	12° 0	29°26	27°59	26°22	n.a.	S 20
S 21	9 33 39	25°26'24	27° 4	2°25	24°31	21°24	28° 6	27°22	16°57	7°32	12° 1	29°R27	27°56	26°29	n.a.	S 21
M22	9 37 35	26°25'39	9♋12	2°37	25°45	21°35	28° 1	27°24	17° 0	7°34	12° 2	29°26	27°53	26°35	n.a.	M22
T 23	9 41 32	27°24'51	21°11	2°53	27° 0	21°45	27°55	27°26	17° 2	7°36	12° 3	29°24	27°50	26°42	n.a.	T 23
W24	9 45 29	28°24'01	3♌ 5	3°15	28°14	21°55	27°50	27°28	17° 5	7°39	12° 4	29°19	27°47	26°49	n.a.	W24
T 25	9 49 25	29°23'09	14°57	3°41	29°28	22° 5	27°44	27°30	17° 8	7°41	12° 5	29°11	27°43	26°55	n.a.	T 25
F 26	9 53 22	0♓22'14	26°48	4°12	0♓43	22°13	27°38	27°31	17°11	7°43	12° 6	29° 1	27°40	27° 2	n.a.	F 26
S 27	9 57 18	1°21'17	8♍40	4°47	1°57	22°21	27°32	27°33	17°13	7°45	12° 7	28°50	27°37	27° 9	n.a.	S 27
S 28	10 1 15	2°20'18	20°35	5°26	3°11	22°29	27°25	27°34	17°16	7°48	12° 8	28°37	27°34	27°16	n.a.	S 28
M29	10 5 11	3♓19'17	2♎34	6♒ 9	4♓26	22♎36	27♍19	27♏36	17♉19	7♓50	12♈ 9	28♊25	27♊31	27♌22	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s 8	7n17	5n 9	13s14	3n33	21s42	1s13	4s12	2n21	1n45	1n38	18s 4	1n36	23s19	0s31	10s36	1s35	9s20	15s18	23n46	23n46	17n36		n.a.
T 2	18 53	2 29	5 10	13 19	3 41	21 27	1 14	4 20	2 21	1 46	1 38	18 5	1 36	23 19	0 31	10 35	1 35	9 20	15 17	23 46	23 46	17 34		n.a.
W 3	18 38	2s29	4 56	13 27	3 46	21 11	1 15	4 27	2 22	1 47	1 39	18 5	1 36	23 18	0 31	10 34	1 35	9 19	15 17	23 46	23 46	17 32		n.a.
T 4	18 22	7 27	4 30	13 38	3 50	20 54	1 16	4 35	2 22	1 49	1 39	18 6	1 36	23 18	0 31	10 34	1 35	9 19	15 17	23 46	23 46	17 31		n.a.
F 5	18 6	12 13	3 49	13 52	3 52	20 37	1 17	4 42	2 22	1 50	1 39	18 7	1 36	23 18	0 31	10 33	1 35	9 18	15 16	23 46	23 46	17 29		n.a.
S 6	17 50	16 35	2 56	14 8	3 51	20 20	1 18	4 49	2 22	1 51	1 39	18 8	1 36	23 17	0 31	10 32	1 35	9 18	15 16	23 46	23 46	17 27		n.a.
S 7	17 33	20 16	1 52	14 26	3 48	20 1	1 19	4 56	2 23	1 53	1 40	18 8	1 36	23 17	0 31	10 31	1 35	9 17	15 16	23 46	23 46	17 25		n.a.
M 8	17 16	22 55	0 39	14 46	3 44	19 43	1 20	5 2	2 23	1 54	1 40	18 9	1 36	23 16	0 31	10 30	1 35	9 17	15 16	23 46	23 46	17 23		n.a.
T 9	16 59	24 12	0s38	15 7	3 37	19 23	1 21	5 9	2 23	1 56	1 40	18 10	1 36	23 16	0 31	10 30	1 35	9 16	15 15	23 46	23 46	17 21		n.a.
W10	16 42	23 51	1 55	15 29	3 29	19 3	1 22	5 15	2 23	1 57	1 40	18 10	1 36	23 16	0 31	10 29	1 35	9 16	15 15	23 46	23 46	17 20		n.a.
T 11	16 24	21 46	3 6	15 50	3 20	18 43	1 22	5 22	2 23	1 59	1 41	18 11	1 36	23 15	0 31	10 28	1 35	9 15	15 15	23 46	23 46	17 18		n.a.
F 12	16 6	18 8	4 4	16 12	3 9	18 22	1 23	5 28	2 24	2 1	1 41	18 11	1 37	23 15	0 31	10 27	1 35	9 14	15 14	23 46	23 46	17 16		n.a.
S 13	15 48	13 16	4 45	16 34	2 57	18 1	1 23	5 34	2 24	2 3	1 41	18 12	1 37	23 15	0 31	10 26	1 35	9 14	15 14	23 46	23 45	17 14		n.a.
S 14	15 29	7 38	5 5	16 55	2 44	17 39	1 24	5 39	2 24	2 5	1 41	18 13	1 37	23 14	0 31	10 26	1 35	9 13	15 14	23 46	23 45	17 12		n.a.
M15	15 10	1 41	5 5	17 15	2 31	17 16	1 24	5 45	2 24	2 7	1 41	18 13	1 37	23 14	0 31	10 25	1 35	9 13	15 14	23 46	23 45	17 10		n.a.
T 16	14 51	4n12	4 45	17 34	2 17	16 53	1 24	5 50	2 24	2 9	1 42	18 14	1 37	23 14	0 31	10 24	1 35	9 12	15 13	23 46	23 45	17 8		n.a.
W17	14 32	9 41	4 8	17 51	2 3	16 30	1 25	5 55	2 24	2 11	1 42	18 14	1 37	23 13	0 31	10 23	1 35	9 11	15 13	23 46	23 45	17 6		n.a.
T 18	14 13	14 32	3 20	18 8	1 48	16 6	1 25	6 0	2 24	2 13	1 42	18 15	1 37	23 13	0 31	10 22	1 35	9 11	15 13	23 46	23 45	17 4		n.a.
F 19	13 53	18 33	2 22	18 23	1 34	15 42	1 25	6 5	2 24	2 15	1 42	18 15	1 37	23 12	0 31	10 21	1 35	9 10	15 13	23 46	23 45	17 3		n.a.
S 20	13 33	21 35	1 18	18 37	1 19	15 17	1 25	6 10	2 24	2 17	1 42	18 15	1 37	23 12	0 31	10 21	1 35	9 10	15 12	23 46	23 45	17 1		n.a.
S 21	13 13	23 31	0 13	18 50	1 5	14 52	1 25	6 14	2 24	2 20	1 43	18 16	1 37	23 12	0 31	10 20	1 35	9 9	15 12	23 46	23 45	16 59		n.a.
M22	12 53	24 19	0n52	19 1	0 51	14 27	1 25	6 18	2 24	2 22	1 43	18 16	1 37	23 11	0 31	10 19	1 35	9 8	15 12	23 46	23 45	16 57		n.a.
T 23	12 32	23 57	1 54	19 10	0 38	14 1	1 25	6 22	2 24	2 24	1 43	18 16	1 38	23 11	0 31	10 18	1 35	9 8	15 12	23 46	23 45	16 55		n.a.
W24	12 12	22 29	2 50	19 18	0 24	13 34	1 25	6 26	2 24	2 27	1 43	18 17	1 38	23 11	0 31	10 17	1 35	9 7	15 11	23 46	23 45	16 53		n.a.
T 25	11 51	20 2	3 38	19 25	0 11	13 8	1 25	6 30	2 24	2 29	1 43	18 17	1 38	23 10	0 31	10 16	1 35	9 7	15 11	23 46	23 45	16 51		n.a.
F 26	11 30	16 46	4 17	19 30	0s 1	12 41	1 24	6 33	2 24	2 32	1 43	18 17	1 38	23 10	0 31	10 15	1 35	9 6	15 11	23 46	23 45	16 49		n.a.
S 27	11 8	12 49	4 44	19 33	0 13	12 14	1 24	6 36	2 23	2 35	1 44	18 18	1 38	23 10	0 31	10 15	1 35	9 5	15 11	23 46	23 45	16 47		n.a.
S 28	10 47	8 22	5 0	19 34	0 25	11 46	1 23	6 39	2 23	2 37	1 44	18 18	1 38	23 9	0 32	10 14	1 35	9 5	15 10	23 46	23 45	16 45		n.a.
M29	10s26	3n34	5n 2	19s35	0s36	11s18	1s23	6s42	2n23	2n40	1n44	18s18	1n38	23s 9	0s32	10s13	1s35	9s 4	15s10	23n46	23n45	16n43		n.a.

Julian Day Number = 1500477.5, Delta T = 05h07m19s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'40, Lahiri = -12°18'40 Julian Calendar 1 Feb. 605 BCE == Greg. Calendar 25 Jan. 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

MARCH 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 9 8	4♓18'14	14♎38	6♒55	5♓40	22♎42	27°R13	27♏37	17♑21	7♓52	12♈10	28°R15	27♊28	27♌29	n.a.	T 1
W 2	10 13 4	5°17'09	26°51	7°45	6°54	22°47	27♍ 6	27°38	17°24	7°54	12°11	28♊ 7	27°24	27°36	n.a.	W 2
T 3	10 17 1	6°16'02	9♏14	8°38	8° 9	22°52	26°59	27°39	17°27	7°57	12°12	28° 1	27°21	27°42	n.a.	T 3
F 4	10 20 57	7°14'53	21°51	9°34	9°23	22°57	26°53	27°40	17°29	7°59	12°13	27°58	27°18	27°49	n.a.	F 4
S 5	10 24 54	8°13'42	4♐46	10°33	10°37	23° 0	26°46	27°41	17°32	8° 1	12°15	27°D57	27°15	27°56	n.a.	S 5
S 6	10 28 51	9°12'30	18° 2	11°35	11°51	23° 3	26°39	27°42	17°34	8° 4	12°16	27°57	27°12	28° 2	n.a.	S 6
M 7	10 32 47	10°11'16	1♑42	12°39	13° 6	23° 5	26°32	27°43	17°37	8° 6	12°17	27°R57	27° 8	28° 9	n.a.	M 7
T 8	10 36 44	11°10'00	15°49	13°46	14°20	23° 6	26°25	27°43	17°39	8° 8	12°18	27°56	27° 5	28°16	n.a.	T 8
W 9	10 40 40	12° 8'42	0♒21	14°55	15°34	23°R 7	26°18	27°44	17°41	8°10	12°19	27°52	27° 2	28°23	n.a.	W 9
T 10	10 44 37	13° 7'22	15°16	16° 7	16°48	23° 7	26°10	27°44	17°44	8°13	12°21	27°47	26°59	28°29	n.a.	T 10
F 11	10 48 33	14° 6'01	0♓27	17°21	18° 2	23° 6	26° 3	27°44	17°46	8°15	12°22	27°38	26°56	28°36	n.a.	F 11
S 12	10 52 30	15° 4'37	15°44	18°37	19°16	23° 4	25°56	27°45	17°48	8°17	12°23	27°28	26°53	28°43	n.a.	S 12
S 13	10 56 26	16° 3'11	0♈55	19°55	20°31	23° 2	25°48	27°R45	17°50	8°19	12°24	27°17	26°49	28°49	n.a.	S 13
M14	11 0 23	17° 1'43	15°51	21°15	21°45	22°59	25°41	27°45	17°53	8°22	12°25	27° 7	26°46	28°56	n.a.	M14
T 15	11 4 20	18° 0'13	0♉23	22°37	22°59	22°55	25°33	27°45	17°55	8°24	12°27	26°58	26°43	29° 3	n.a.	T 15
W16	11 8 16	18°58'41	14°25	24° 1	24°13	22°50	25°26	27°44	17°57	8°26	12°28	26°52	26°40	29°10	n.a.	W16
T 17	11 12 13	19°57'07	27°58	25°27	25°27	22°44	25°18	27°44	17°59	8°28	12°29	26°49	26°37	29°16	n.a.	T 17
F 18	11 16 9	20°55'30	11♊ 2	26°55	26°41	22°38	25°11	27°44	18° 1	8°31	12°30	26°47	26°34	29°23	n.a.	F 18
S 19	11 20 6	21°53'51	23°42	28°25	27°55	22°31	25° 3	27°43	18° 3	8°33	12°32	26°47	26°30	29°30	n.a.	S 19
S 20	11 24 2	22°52'10	6♋ 3	29°56	29° 9	22°24	24°55	27°43	18° 5	8°35	12°33	26°47	26°27	29°36	n.a.	S 20
M21	11 27 59	23°50'27	18° 8	1♓29	0♈23	22°15	24°48	27°42	18° 7	8°37	12°34	26°46	26°24	29°43	n.a.	M21
T 22	11 31 55	24°48'41	0♌ 5	3° 5	1°37	22° 6	24°40	27°41	18° 9	8°39	12°36	26°42	26°21	29°50	n.a.	T 22
W23	11 35 52	25°46'54	11°56	4°41	2°51	21°56	24°32	27°40	18°10	8°42	12°37	26°36	26°18	29°56	n.a.	W23
T 24	11 39 49	26°45'04	23°45	6°20	4° 5	21°45	24°25	27°39	18°12	8°44	12°38	26°28	26°14	0♍ 3	n.a.	T 24
F 25	11 43 45	27°43'12	5♍37	8° 0	5°19	21°34	24°17	27°38	18°14	8°46	12°40	26°16	26°11	0°10	n.a.	F 25
S 26	11 47 42	28°41'19	17°32	9°43	6°33	21°22	24° 9	27°37	18°16	8°48	12°41	26° 3	26° 8	0°17	n.a.	S 26
S 27	11 51 38	29°39'23	29°33	11°26	7°46	21° 9	24° 2	27°36	18°17	8°50	12°42	25°49	26° 5	0°23	n.a.	S 27
M28	11 55 35	0♈37'26	11♎40	13°12	9° 0	20°55	23°54	27°35	18°19	8°52	12°44	25°36	26° 2	0°30	n.a.	M28
T 29	11 59 31	1°35'27	23°56	15° 0	10°14	20°41	23°47	27°33	18°20	8°55	12°45	25°23	25°59	0°37	n.a.	T 29
W30	12 3 28	2°33'26	6♏19	16°49	11°28	20°26	23°39	27°32	18°22	8°57	12°46	25°14	25°55	0°43	n.a.	W30
T 31	12 7 24	3♈31'24	18♏53	18♓40	12♈42	20♎11	23♍32	27♏30	18♑23	8♓59	12♈48	25♊ 7	25♊52	0♍50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10s 4	1s23	4n50	19s33	0s47	10s50	1s22	6s45	2n23	2n43	1n44	18s18	1n38	23s 9	0s32	10s12	1s35	9s 3	15s10	23n45	23n45	16n41			n.a.
W 2	9 42	6 22	4 26	19 30	0 57	10 22	1 22	6 47	2 22	2 45	1 44	18 18	1 38	23 8	0 32	10 11	1 35	9 3	15 10	23 45	23 45	16 39			n.a.
T 3	9 20	11 10	3 48	19 25	1 6	9 53	1 21	6 49	2 22	2 48	1 44	18 19	1 38	23 8	0 32	10 10	1 35	9 2	15 10	23 45	23 44	16 37			n.a.
F 4	8 58	15 36	2 59	19 19	1 16	9 24	1 20	6 51	2 21	2 51	1 44	18 19	1 39	23 8	0 32	10 9	1 35	9 2	15 9	23 45	23 44	16 35			n.a.
S 5	8 36	19 25	2 0	19 11	1 24	8 55	1 20	6 53	2 21	2 54	1 44	18 19	1 39	23 8	0 32	10 9	1 35	9 1	15 9	23 45	23 44	16 33			n.a.
S 6	8 14	22 21	0 52	19 1	1 32	8 25	1 19	6 54	2 21	2 57	1 45	18 19	1 39	23 7	0 32	10 8	1 35	9 0	15 9	23 45	23 44	16 31			n.a.
M 7	7 51	24 5	0s20	18 50	1 40	7 56	1 18	6 56	2 20	3 0	1 45	18 19	1 39	23 7	0 32	10 7	1 35	9 0	15 9	23 45	23 44	16 29			n.a.
T 8	7 29	24 22	1 33	18 37	1 47	7 26	1 17	6 57	2 19	3 3	1 45	18 19	1 39	23 7	0 32	10 6	1 35	8 59	15 9	23 45	23 44	16 27			n.a.
W 9	7 6	23 0	2 43	18 23	1 53	6 56	1 16	6 58	2 19	3 5	1 45	18 19	1 39	23 6	0 32	10 5	1 35	8 58	15 8	23 45	23 44	16 26			n.a.
T 10	6 43	20 1	3 43	18 7	1 59	6 25	1 15	6 58	2 18	3 8	1 45	18 19	1 39	23 6	0 32	10 4	1 35	8 58	15 8	23 45	23 44	16 24			n.a.
F 11	6 20	15 38	4 28	17 49	2 4	5 55	1 14	6 58	2 17	3 11	1 45	18 19	1 39	23 6	0 32	10 4	1 35	8 57	15 8	23 45	23 44	16 22			n.a.
S 12	5 57	10 13	4 55	17 30	2 9	5 25	1 12	6 59	2 17	3 14	1 45	18 19	1 39	23 5	0 32	10 3	1 35	8 57	15 8	23 45	23 44	16 19			n.a.
S 13	5 34	4 13	5 0	17 9	2 14	4 54	1 11	6 58	2 16	3 18	1 45	18 19	1 39	23 5	0 32	10 2	1 35	8 56	15 8	23 44	23 44	16 17			n.a.
M14	5 11	1n56	4 45	16 47	2 18	4 23	1 10	6 58	2 15	3 21	1 45	18 19	1 40	23 5	0 32	10 1	1 35	8 55	15 7	23 44	23 44	16 15			n.a.
T 15	4 48	7 50	4 12	16 23	2 21	3 52	1 8	6 57	2 14	3 24	1 45	18 19	1 40	23 5	0 32	10 0	1 35	8 55	15 7	23 44	23 44	16 13			n.a.
W16	4 25	13 8	3 24	15 57	2 24	3 21	1 7	6 57	2 13	3 27	1 45	18 19	1 40	23 4	0 32	9 59	1 35	8 54	15 7	23 44	23 44	16 11			n.a.
T 17	4 2	17 36	2 26	15 30	2 26	2 50	1 6	6 56	2 12	3 30	1 45	18 18	1 40	23 4	0 32	9 58	1 35	8 53	15 7	23 44	23 43	16 9			n.a.
F 18	3 39	21 3	1 22	15 1	2 27	2 19	1 4	6 54	2 11	3 33	1 45	18 18	1 40	23 4	0 32	9 58	1 35	8 53	15 7	23 44	23 43	16 7			n.a.
S 19	3 15	23 21	0 16	14 30	2 29	1 48	1 2	6 53	2 10	3 36	1 45	18 18	1 40	23 4	0 32	9 57	1 35	8 52	15 7	23 44	23 43	16 5			n.a.
S 20	2 52	24 26	0n49	13 58	2 29	1 16	1 1	6 51	2 8	3 39	1 45	18 18	1 40	23 3	0 32	9 56	1 35	8 52	15 7	23 44	23 43	16 3			n.a.
M21	2 29	24 21	1 50	13 25	2 29	0 45	0 59	6 49	2 7	3 42	1 45	18 18	1 40	23 3	0 32	9 55	1 35	8 51	15 7	23 44	23 43	16 1			n.a.
T 22	2 5	23 7	2 46	12 49	2 29	0 14	0 57	6 47	2 6	3 45	1 45	18 17	1 40	23 3	0 32	9 54	1 35	8 50	15 6	23 44	23 43	15 59			n.a.
W23	1 42	20 52	3 34	12 12	2 28	0n18	0 56	6 44	2 4	3 48	1 45	18 17	1 40	23 3	0 32	9 54	1 35	8 50	15 6	23 43	23 43	15 57			n.a.
T 24	1 19	17 45	4 13	11 34	2 26	0 49	0 54	6 42	2 3	3 51	1 45	18 17	1 40	23 3	0 32	9 53	1 35	8 49	15 6	23 43	23 43	15 55			n.a.
F 25	0 55	13 55	4 41	10 54	2 24	1 21	0 52	6 39	2 1	3 54	1 45	18 16	1 41	23 2	0 32	9 52	1 35	8 49	15 6	23 43	23 43	15 53			n.a.
S 26	0 32	9 31	4 56	10 13	2 21	1 52	0 50	6 36	2 0	3 57	1 45	18 16	1 41	23 2	0 32	9 51	1 35	8 48	15 6	23 43	23 43	15 51			n.a.
S 27	0 8	4 44	4 59	9 30	2 18	2 23	0 48	6 33	1 58	4 0	1 45	18 16	1 41	23 2	0 32	9 50	1 36	8 47	15 6	23 42	23 43	15 49			n.a.
M28	0n15	0s16	4 48	8 45	2 14	2 55	0 46	6 29	1 56	4 3	1 45	18 15	1 41	23 2	0 32	9 50	1 36	8 47	15 6	23 42	23 42	15 47			n.a.
T 29	0 38	5 20	4 24	7 59	2 10	3 26	0 44	6 25	1 54	4 6	1 45	18 15	1 41	23 2	0 32	9 49	1 36	8 46	15 6	23 41	23 42	15 45			n.a.
W30	1 2	10 15	3 47	7 11	2 5	3 57	0 42	6 22	1 52	4 9	1 45	18 14	1 41	23 1	0 32	9 48	1 36	8 46	15 6	23 41	23 42	15 43			n.a.
T 31	1n25	14s49	2n58	6s22	2s 0	4n28	0s40	6s18	1n50	4n12	1n45	18s14	1n41	23s 1	0s32	9s47	1s36	8s45	15s 6	23n41	23n42	15n40			n.a.

Julian Day Number = 1500506.5, Delta T = 05h07m17s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'36, Lahiri = -12°18'36 Julian Calendar 1 March 605 BCE == Greg. Calendar 23 Feb. 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

APRIL 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 11 21	4♈29'20	1♐39	20♓33	13♈55	19°R55	23°R24	27°R28	18♑25	9♓ 1	12♈49	25°R 3	25♊49	0♍57	n.a.	F 1
S 2	12 15 17	5°27'15	14°39	22°28	15° 9	19♎38	23♍17	27♏27	18°26	9° 3	12°50	25♊ 1	25°46	1° 4	n.a.	S 2
S 3	12 19 14	6°25'08	27°55	24°24	16°23	19°21	23° 9	27°25	18°27	9° 5	12°52	25°D 1	25°43	1°10	n.a.	S 3
M 4	12 23 11	7°23'00	11♑31	26°23	17°37	19° 3	23° 2	27°23	18°29	9° 7	12°53	25°R 1	25°40	1°17	n.a.	M 4
T 5	12 27 7	8°20'51	25°28	28°23	18°50	18°45	22°55	27°21	18°30	9° 9	12°54	25° 0	25°36	1°24	n.a.	T 5
W 6	12 31 4	9°18'41	9♒46	0♈24	20° 4	18°27	22°48	27°19	18°31	9°11	12°56	24°57	25°33	1°30	n.a.	W 6
T 7	12 35 0	10°16'29	24°24	2°27	21°18	18° 8	22°41	27°16	18°32	9°13	12°57	24°51	25°30	1°37	n.a.	T 7
F 8	12 38 57	11°14'15	9♓17	4°32	22°32	17°48	22°34	27°14	18°33	9°15	12°58	24°44	25°27	1°44	n.a.	F 8
S 9	12 42 53	12°12'01	24°18	6°38	23°45	17°28	22°27	27°12	18°34	9°17	13° 0	24°34	25°24	1°51	n.a.	S 9
S 10	12 46 50	13° 9'45	9♈17	8°46	24°59	17° 8	22°20	27° 9	18°35	9°19	13° 1	24°24	25°20	1°57	n.a.	S 10
M11	12 50 46	14° 7'27	24° 5	10°54	26°13	16°48	22°13	27° 7	18°36	9°21	13° 2	24°14	25°17	2° 4	n.a.	M11
T 12	12 54 43	15° 5'08	8♉34	13° 4	27°26	16°27	22° 7	27° 4	18°37	9°23	13° 4	24° 5	25°14	2°11	n.a.	T 12
W13	12 58 40	16° 2'48	22°37	15°14	28°40	16° 7	22° 0	27° 1	18°38	9°25	13° 5	23°59	25°11	2°17	n.a.	W13
T 14	13 2 36	17° 0'26	6♊13	17°25	29°53	15°46	21°54	26°59	18°39	9°27	13° 7	23°56	25° 8	2°24	n.a.	T 14
F 15	13 6 33	17°58'02	19°21	19°36	1♉ 7	15°25	21°48	26°56	18°40	9°29	13° 8	23°D55	25° 5	2°31	n.a.	F 15
S 16	13 10 29	18°55'37	2♋ 5	21°47	2°20	15° 4	21°41	26°53	18°40	9°30	13° 9	23°55	25° 1	2°38	n.a.	S 16
S 17	13 14 26	19°53'10	14°28	23°58	3°34	14°43	21°35	26°50	18°41	9°32	13°11	23°R55	24°58	2°44	n.a.	S 17
M18	13 18 22	20°50'42	26°36	26° 8	4°47	14°22	21°30	26°47	18°42	9°34	13°12	23°55	24°55	2°51	n.a.	M18
T 19	13 22 19	21°48'12	8♌33	28°18	6° 1	14° 1	21°24	26°44	18°42	9°36	13°13	23°54	24°52	2°58	n.a.	T 19
W20	13 26 15	22°45'40	20°25	0♉26	7°14	13°41	21°18	26°40	18°43	9°38	13°15	23°50	24°49	3° 4	n.a.	W20
T 21	13 30 12	23°43'07	2♍16	2°33	8°28	13°20	21°13	26°37	18°43	9°39	13°16	23°44	24°45	3°11	n.a.	T 21
F 22	13 34 9	24°40'33	14°10	4°39	9°41	13° 0	21° 7	26°34	18°43	9°41	13°17	23°36	24°42	3°18	n.a.	F 22
S 23	13 38 5	25°37'57	26°10	6°42	10°55	12°41	21° 2	26°30	18°44	9°43	13°19	23°26	24°39	3°25	n.a.	S 23
S 24	13 42 2	26°35'20	8♎18	8°44	12° 8	12°21	20°57	26°27	18°44	9°45	13°20	23°16	24°36	3°31	n.a.	S 24
M25	13 45 58	27°32'42	20°36	10°44	13°22	12° 2	20°52	26°23	18°44	9°46	13°21	23° 6	24°33	3°38	n.a.	M25
T 26	13 49 55	28°30'03	3♏ 5	12°41	14°35	11°43	20°47	26°20	18°45	9°48	13°23	22°57	24°30	3°45	n.a.	T 26
W27	13 53 51	29°27'23	15°45	14°36	15°48	11°25	20°42	26°16	18°45	9°50	13°24	22°50	24°26	3°51	n.a.	W27
T 28	13 57 48	0♉24'42	28°36	16°28	17° 2	11° 7	20°38	26°13	18°45	9°51	13°25	22°45	24°23	3°58	n.a.	T 28
F 29	14 1 44	1°22'00	11♐39	18°18	18°15	10°50	20°33	26° 9	18°45	9°53	13°27	22°42	24°20	4° 5	n.a.	F 29
S 30	14 5 41	2♉19'18	24♐54	20♉ 5	19♉28	10♎33	20♍29	26♏ 5	18°R45	9♓54	13♈28	22°D42	24♊17	4♍12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n48	18s49	2n 0	5s32	1s54	4n59	0s38	6s13	1n48	4n15	1n45	18s14	1n41	23s 1	0s32	9s46	1s36	8s44	15s 5	23n40	23n42	15n38		n.a.
S 2	2 12	21 58	0 55	4 40	1 47	5 30	0 36	6 9	1 46	4 18	1 44	18 13	1 41	23 1	0 32	9 46	1 36	8 44	15 5	23 40	23 42	15 36		n.a.
S 3	2 35	24 1	0s15	3 47	1 40	6 1	0 34	6 5	1 44	4 21	1 44	18 13	1 41	23 1	0 33	9 45	1 36	8 43	15 5	23 40	23 42	15 34		n.a.
M 4	2 58	24 42	1 26	2 53	1 33	6 31	0 31	6 0	1 42	4 24	1 44	18 12	1 41	23 1	0 33	9 44	1 36	8 43	15 5	23 40	23 42	15 32		n.a.
T 5	3 21	23 51	2 34	1 57	1 25	7 2	0 29	5 55	1 39	4 26	1 44	18 12	1 41	23 1	0 33	9 43	1 36	8 42	15 5	23 40	23 42	15 30		n.a.
W 6	3 44	21 28	3 33	1 0	1 17	7 32	0 27	5 50	1 37	4 29	1 44	18 11	1 41	23 0	0 33	9 43	1 36	8 42	15 5	23 40	23 42	15 28		n.a.
T 7	4 7	17 39	4 20	0 3	1 8	8 2	0 25	5 45	1 34	4 32	1 44	18 10	1 42	23 0	0 33	9 42	1 36	8 41	15 5	23 40	23 41	15 26		n.a.
F 8	4 30	12 40	4 51	0n56	0 59	8 32	0 22	5 40	1 32	4 34	1 44	18 10	1 42	23 0	0 33	9 41	1 36	8 40	15 5	23 40	23 41	15 24		n.a.
S 9	4 53	6 54	5 2	1 55	0 49	9 2	0 20	5 35	1 29	4 37	1 44	18 9	1 42	23 0	0 33	9 40	1 36	8 40	15 5	23 39	23 41	15 21		n.a.
S 10	5 16	0 44	4 52	2 55	0 39	9 32	0 18	5 29	1 27	4 40	1 43	18 9	1 42	23 0	0 33	9 40	1 36	8 39	15 5	23 39	23 41	15 19		n.a.
M11	5 39	5n25	4 22	3 56	0 29	10 1	0 15	5 24	1 24	4 42	1 43	18 8	1 42	23 0	0 33	9 39	1 36	8 39	15 5	23 38	23 41	15 17		n.a.
T 12	6 1	11 8	3 36	4 56	0 19	10 30	0 13	5 19	1 21	4 45	1 43	18 7	1 42	23 0	0 33	9 38	1 36	8 38	15 5	23 38	23 41	15 15		n.a.
W13	6 24	16 8	2 38	5 57	0 8	10 59	0 10	5 13	1 18	4 47	1 43	18 7	1 42	23 0	0 33	9 38	1 36	8 38	15 5	23 38	23 41	15 13		n.a.
T 14	6 46	20 7	1 33	6 58	0n 2	11 28	0 8	5 8	1 15	4 50	1 43	18 6	1 42	23 0	0 33	9 37	1 36	8 37	15 5	23 38	23 41	15 11		n.a.
F 15	7 9	22 56	0 24	7 58	0 13	11 56	0 6	5 2	1 12	4 52	1 43	18 5	1 42	23 0	0 33	9 36	1 36	8 37	15 5	23 38	23 41	15 9		n.a.
S 16	7 31	24 29	0n43	8 58	0 23	12 24	0 3	4 57	1 9	4 54	1 42	18 4	1 42	22 59	0 33	9 36	1 36	8 36	15 5	23 38	23 40	15 6		n.a.
S 17	7 53	24 45	1 47	9 57	0 34	12 52	0 1	4 51	1 6	4 56	1 42	18 4	1 42	22 59	0 33	9 35	1 36	8 36	15 5	23 38	23 40	15 4		n.a.
M18	8 15	23 49	2 45	10 54	0 44	13 19	0n 2	4 46	1 3	4 59	1 42	18 3	1 42	22 59	0 33	9 34	1 36	8 35	15 5	23 38	23 40	15 2		n.a.
T 19	8 37	21 49	3 35	11 51	0 54	13 47	0 4	4 41	1 0	5 1	1 42	18 2	1 42	22 59	0 33	9 34	1 36	8 35	15 5	23 38	23 40	15 0		n.a.
W20	8 58	18 54	4 14	12 46	1 3	14 13	0 7	4 36	0 57	5 3	1 42	18 1	1 42	22 59	0 33	9 33	1 36	8 34	15 5	23 37	23 40	14 58		n.a.
T 21	9 20	15 12	4 43	13 39	1 13	14 40	0 9	4 31	0 54	5 5	1 41	18 1	1 42	22 59	0 33	9 32	1 36	8 34	15 5	23 37	23 40	14 55		n.a.
F 22	9 41	10 55	5 0	14 31	1 21	15 6	0 12	4 26	0 51	5 7	1 41	18 0	1 42	22 59	0 33	9 32	1 36	8 33	15 5	23 37	23 40	14 53		n.a.
S 23	10 2	6 11	5 4	15 21	1 29	15 32	0 14	4 21	0 48	5 9	1 41	17 59	1 42	22 59	0 33	9 31	1 36	8 33	15 5	23 36	23 40	14 51		n.a.
S 24	10 24	1 9	4 54	16 8	1 37	15 57	0 17	4 16	0 44	5 11	1 41	17 58	1 42	22 59	0 33	9 30	1 37	8 32	15 5	23 36	23 39	14 49		n.a.
M25	10 45	3s59	4 30	16 53	1 44	16 22	0 19	4 11	0 41	5 12	1 41	17 57	1 42	22 59	0 33	9 30	1 37	8 32	15 5	23 35	23 39	14 47		n.a.
T 26	11 5	9 3	3 54	17 36	1 50	16 47	0 22	4 7	0 38	5 14	1 40	17 57	1 42	22 59	0 33	9 29	1 37	8 31	15 5	23 35	23 39	14 44		n.a.
W27	11 26	13 50	3 5	18 17	1 56	17 11	0 24	4 3	0 35	5 16	1 40	17 56	1 42	22 59	0 33	9 29	1 37	8 31	15 5	23 34	23 39	14 42		n.a.
T 28	11 46	18 5	2 6	18 55	2 1	17 35	0 27	3 59	0 31	5 17	1 40	17 55	1 42	22 59	0 33	9 28	1 37	8 30	15 5	23 34	23 39	14 40		n.a.
F 29	12 7	21 31	0 59	19 31	2 6	17 58	0 29	3 55	0 28	5 19	1 40	17 54	1 42	22 59	0 33	9 28	1 37	8 30	15 5	23 34	23 39	14 38		n.a.
S 30	12n27	23s52	0s12	20n 5	2n 9	18n21	0n32	3s51	0n25	5n20	1n39	17s53	1n42	22s59	0s33	9s27	1s37	8s30	15s 6	23n34	23n39	14n36		n.a.

Julian Day Number = 1500537.5, Delta T = 05h07m16s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'32, Lahiri = -12°18'32 Julian Calendar 1 Apr. 605 BCE == Greg. Calendar 25 March 605 BCE

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

MAY 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 9 38	3♉16'34	8♑21	21♉50	20♉41	10°R17	20°R25	26°R 1	18°R45	9♓56	13♈29	22♊42	24♊14	4♍18	n.a.	S 1
M 2	14 13 34	4°13'51	22° 3	23°32	21°55	10♎ 1	20♍21	25♏57	18♑45	9°57	13°30	22°43	24°11	4°25	n.a.	M 2
T 3	14 17 31	5°11'06	5♒59	25°11	23° 8	9°47	20°18	25°53	18°45	9°59	13°32	22°R44	24° 7	4°32	n.a.	T 3
W 4	14 21 27	6° 8'21	20° 9	26°48	24°21	9°32	20°14	25°49	18°45	10° 0	13°33	22°43	24° 4	4°38	n.a.	W 4
T 5	14 25 24	7° 5'36	4♓31	28°21	25°34	9°19	20°11	25°45	18°44	10° 2	13°34	22°40	24° 1	4°45	n.a.	T 5
F 6	14 29 20	8° 2'50	19° 3	29°52	26°48	9° 6	20° 7	25°41	18°44	10° 3	13°36	22°36	23°58	4°52	n.a.	F 6
S 7	14 33 17	9° 0'03	3♈40	1♊21	28° 1	8°54	20° 4	25°37	18°44	10° 4	13°37	22°30	23°55	4°59	n.a.	S 7
S 8	14 37 13	9°57'16	18°15	2°46	29°14	8°42	20° 1	25°33	18°43	10° 6	13°38	22°24	23°51	5° 5	n.a.	S 8
M 9	14 41 10	10°54'29	2♉41	4° 8	0♊27	8°32	19°59	25°29	18°43	10° 7	13°39	22°17	23°48	5°12	n.a.	M 9
T 10	14 45 7	11°51'41	16°53	5°28	1°40	8°22	19°56	25°25	18°42	10° 8	13°40	22°12	23°45	5°19	n.a.	T 10
W11	14 49 3	12°48'52	0♊45	6°44	2°53	8°13	19°54	25°21	18°42	10°10	13°42	22° 9	23°42	5°25	n.a.	W11
T 12	14 53 0	13°46'03	14°14	7°58	4° 6	8° 5	19°52	25°16	18°41	10°11	13°43	22° 7	23°39	5°32	n.a.	T 12
F 13	14 56 56	14°43'13	27°20	9° 9	5°19	7°58	19°50	25°12	18°41	10°12	13°44	22°D 7	23°36	5°39	n.a.	F 13
S 14	15 0 53	15°40'23	10♋ 4	10°16	6°33	7°51	19°48	25° 8	18°40	10°13	13°45	22° 8	23°32	5°46	n.a.	S 14
S 15	15 4 49	16°37'32	22°29	11°20	7°46	7°45	19°46	25° 3	18°39	10°15	13°46	22° 9	23°29	5°52	n.a.	S 15
M16	15 8 46	17°34'40	4♌39	12°21	8°59	7°41	19°45	24°59	18°39	10°16	13°48	22°11	23°26	5°59	n.a.	M16
T 17	15 12 42	18°31'47	16°39	13°19	10°12	7°37	19°44	24°55	18°38	10°17	13°49	22°R12	23°23	6° 6	n.a.	T 17
W18	15 16 39	19°28'54	28°33	14°13	11°25	7°34	19°42	24°50	18°37	10°18	13°50	22°11	23°20	6°12	n.a.	W18
T 19	15 20 36	20°26'00	10♍25	15° 4	12°38	7°31	19°42	24°46	18°36	10°19	13°51	22° 9	23°17	6°19	n.a.	T 19
F 20	15 24 32	21°23'06	22°22	15°51	13°50	7°30	19°41	24°42	18°35	10°20	13°52	22° 6	23°13	6°26	n.a.	F 20
S 21	15 28 29	22°20'11	4♎26	16°34	15° 3	7°D29	19°40	24°37	18°34	10°21	13°53	22° 2	23°10	6°33	n.a.	S 21
S 22	15 32 25	23°17'16	16°40	17°13	16°16	7°29	19°40	24°33	18°33	10°22	13°54	21°58	23° 7	6°39	n.a.	S 22
M23	15 36 22	24°14'20	29° 8	17°48	17°29	7°30	19°40	24°29	18°32	10°23	13°55	21°53	23° 4	6°46	n.a.	M23
T 24	15 40 18	25°11'24	11♏50	18°20	18°42	7°32	19°D40	24°24	18°31	10°24	13°57	21°49	23° 1	6°53	n.a.	T 24
W25	15 44 15	26° 8'29	24°47	18°47	19°55	7°35	19°40	24°20	18°30	10°24	13°58	21°46	22°57	6°59	n.a.	W25
T 26	15 48 11	27° 5'33	7♐59	19° 9	21° 8	7°38	19°40	24°15	18°29	10°25	13°59	21°44	22°54	7° 6	n.a.	T 26
F 27	15 52 8	28° 2'37	21°24	19°28	22°20	7°43	19°41	24°11	18°28	10°26	14° 0	21°D44	22°51	7°13	n.a.	F 27
S 28	15 56 5	28°59'41	5♑ 2	19°42	23°33	7°48	19°41	24° 7	18°26	10°27	14° 1	21°44	22°48	7°20	n.a.	S 28
S 29	16 0 1	29°56'45	18°52	19°51	24°46	7°53	19°42	24° 2	18°25	10°28	14° 2	21°45	22°45	7°26	n.a.	S 29
M30	16 3 58	0♊53'50	2♒50	19°R55	25°59	8° 0	19°43	23°58	18°24	10°28	14° 3	21°46	22°42	7°33	n.a.	M30
T 31	16 7 54	1♊50'55	16♒56	19♊55	27♊11	8♎ 7	19♍45	23♏54	18♑22	10♓29	14♈ 4	21♊48	22♊38	7♍40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	12n47	24s53	1s23	20n36	2n12	18n43	0n34	3s48	0n22	5n22	1n39	17s52	1n42	22s59	0s33	9s26	1s37	8s29	15s 6	23n34	23n38	14n33			n.a.
M 2	13 6	24 25	2 31	21 4	2 14	19 5	0 36	3 45	0 18	5 23	1 39	17 51	1 42	22 59	0 34	9 26	1 37	8 29	15 6	23 34	23 38	14 31			n.a.
T 3	13 26	22 27	3 32	21 31	2 16	19 26	0 39	3 42	0 15	5 24	1 39	17 50	1 42	22 59	0 34	9 25	1 37	8 28	15 6	23 34	23 38	14 29			n.a.
W 4	13 45	19 4	4 20	21 55	2 16	19 47	0 41	3 39	0 12	5 25	1 38	17 49	1 42	22 59	0 34	9 25	1 37	8 28	15 6	23 34	23 38	14 27			n.a.
T 5	14 4	14 31	4 53	22 17	2 16	20 7	0 44	3 36	0 9	5 26	1 38	17 48	1 42	23 0	0 34	9 24	1 37	8 27	15 6	23 34	23 38	14 24			n.a.
F 6	14 23	9 6	5 8	22 36	2 15	20 27	0 46	3 34	0 6	5 27	1 38	17 47	1 42	23 0	0 34	9 24	1 37	8 27	15 6	23 34	23 38	14 22			n.a.
S 7	14 42	3 8	5 3	22 53	2 14	20 46	0 48	3 32	0 3	5 28	1 37	17 46	1 42	23 0	0 34	9 23	1 37	8 27	15 6	23 33	23 38	14 20			n.a.
S 8	15 0	2n59	4 38	23 9	2 11	21 5	0 50	3 30	0s 1	5 29	1 37	17 45	1 42	23 0	0 34	9 23	1 37	8 26	15 6	23 33	23 37	14 18			n.a.
M 9	15 18	8 53	3 56	23 22	2 8	21 23	0 53	3 29	0 4	5 30	1 37	17 44	1 42	23 0	0 34	9 23	1 37	8 26	15 6	23 32	23 37	14 15			n.a.
T 10	15 36	14 15	2 59	23 33	2 4	21 41	0 55	3 28	0 7	5 31	1 37	17 44	1 42	23 0	0 34	9 22	1 37	8 26	15 6	23 32	23 37	14 13			n.a.
W11	15 54	18 44	1 53	23 42	2 0	21 57	0 57	3 27	0 10	5 32	1 36	17 43	1 42	23 0	0 34	9 22	1 37	8 25	15 7	23 32	23 37	14 11			n.a.
T 12	16 11	22 7	0 43	23 49	1 55	22 14	0 59	3 27	0 13	5 32	1 36	17 42	1 42	23 0	0 34	9 21	1 37	8 25	15 7	23 32	23 37	14 9			n.a.
F 13	16 29	24 13	0n28	23 55	1 49	22 29	1 1	3 26	0 16	5 33	1 36	17 41	1 42	23 0	0 34	9 21	1 37	8 25	15 7	23 32	23 37	14 6			n.a.
S 14	16 45	24 59	1 36	23 58	1 42	22 45	1 4	3 26	0 18	5 33	1 35	17 40	1 42	23 0	0 34	9 20	1 38	8 24	15 7	23 32	23 37	14 4			n.a.
S 15	17 2	24 27	2 38	24 0	1 34	22 59	1 6	3 27	0 21	5 34	1 35	17 39	1 42	23 1	0 34	9 20	1 38	8 24	15 7	23 32	23 36	14 2			n.a.
M16	17 19	22 46	3 31	24 1	1 26	23 13	1 8	3 27	0 24	5 34	1 35	17 38	1 42	23 1	0 34	9 20	1 38	8 24	15 7	23 32	23 36	13 59			n.a.
T 17	17 35	20 6	4 14	24 0	1 18	23 26	1 10	3 28	0 27	5 34	1 35	17 37	1 42	23 1	0 34	9 19	1 38	8 23	15 7	23 32	23 36	13 57			n.a.
W18	17 51	16 36	4 46	23 57	1 8	23 38	1 12	3 30	0 30	5 34	1 34	17 36	1 42	23 1	0 34	9 19	1 38	8 23	15 8	23 32	23 36	13 55			n.a.
T 19	18 6	12 28	5 6	23 53	0 58	23 50	1 13	3 31	0 32	5 34	1 34	17 34	1 42	23 1	0 34	9 19	1 38	8 23	15 8	23 32	23 36	13 53			n.a.
F 20	18 21	7 50	5 12	23 47	0 47	24 1	1 15	3 33	0 35	5 34	1 34	17 33	1 42	23 1	0 34	9 18	1 38	8 22	15 8	23 32	23 36	13 50			n.a.
S 21	18 36	2 52	5 5	23 41	0 36	24 12	1 17	3 35	0 38	5 34	1 33	17 32	1 42	23 1	0 34	9 18	1 38	8 22	15 8	23 32	23 35	13 48			n.a.
S 22	18 51	2s17	4 44	23 33	0 24	24 21	1 19	3 37	0 40	5 34	1 33	17 31	1 42	23 2	0 34	9 18	1 38	8 22	15 8	23 31	23 35	13 46			n.a.
M23	19 5	7 26	4 9	23 23	0 11	24 30	1 21	3 40	0 43	5 34	1 33	17 30	1 42	23 2	0 34	9 17	1 38	8 22	15 8	23 31	23 35	13 43			n.a.
T 24	19 19	12 24	3 21	23 13	0s 2	24 39	1 22	3 43	0 45	5 34	1 32	17 29	1 42	23 2	0 34	9 17	1 38	8 21	15 9	23 31	23 35	13 41			n.a.
W25	19 33	16 55	2 22	23 2	0 15	24 46	1 24	3 46	0 48	5 33	1 32	17 28	1 41	23 2	0 34	9 17	1 38	8 21	15 9	23 31	23 35	13 39			n.a.
T 26	19 47	20 43	1 15	22 50	0 30	24 53	1 25	3 50	0 50	5 33	1 32	17 27	1 41	23 2	0 34	9 16	1 38	8 21	15 9	23 30	23 35	13 36			n.a.
F 27	20 0	23 27	0 2	22 37	0 44	24 59	1 27	3 54	0 52	5 33	1 32	17 26	1 41	23 3	0 34	9 16	1 38	8 21	15 9	23 30	23 34	13 34			n.a.
S 28	20 13	24 53	1s13	22 23	0 59	25 5	1 28	3 58	0 55	5 32	1 31	17 25	1 41	23 3	0 34	9 16	1 38	8 20	15 9	23 30	23 34	13 32			n.a.
S 29	20 25	24 48	2 24	22 8	1 14	25 9	1 30	4 2	0 57	5 31	1 31	17 24	1 41	23 3	0 34	9 16	1 38	8 20	15 10	23 30	23 34	13 29			n.a.
M30	20 37	23 9	3 27	21 53	1 30	25 13	1 31	4 7	0 59	5 31	1 31	17 23	1 41	23 3	0 34	9 15	1 38	8 20	15 10	23 31	23 34	13 27			n.a.
T 31	20n49	20s 5	4s19	21n38	1s45	25n16	1n32	4s12	1s 1	5n30	1n30	17s22	1n41	23s 3	0s34	9s15	1s39	8s20	15s10	23n31	23n34	13n25			n.a.

Julian Day Number = 1500567.5, Delta T = 05h07m14s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'28, Lahiri = -12°18'28 Julian Calendar 1 May 605 BCE == Greg. Calendar 24 Apr. 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

JUNE 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 11 51	2♊48'00	1♓ 7	19°R51	28♊24	8♎15	19♍46	23°R49	18°R21	10♓30	14♈ 5	21°R48	22♊35	7♍47	n.a.	W 1
T 2	16 15 47	3°45'06	15°22	19♊41	29°37	8°24	19°48	23♏45	18♉19	10°30	14° 6	21♊48	22°32	7°53	n.a.	T 2
F 3	16 19 44	4°42'12	29°38	19°27	0♋49	8°34	19°49	23°41	18°18	10°31	14° 7	21°47	22°29	8° 0	n.a.	F 3
S 4	16 23 41	5°39'19	13♈51	19° 9	2° 2	8°44	19°51	23°36	18°16	10°31	14° 7	21°45	22°26	8° 7	n.a.	S 4
S 5	16 27 37	6°36'26	27°59	18°47	3°15	8°55	19°53	23°32	18°15	10°32	14° 8	21°43	22°22	8°13	n.a.	S 5
M 6	16 31 34	7°33'34	11♉58	18°21	4°27	9° 7	19°56	23°28	18°13	10°32	14° 9	21°41	22°19	8°20	n.a.	M 6
T 7	16 35 30	8°30'42	25°44	17°51	5°40	9°19	19°58	23°24	18°12	10°33	14°10	21°40	22°16	8°27	n.a.	T 7
W 8	16 39 27	9°27'51	9♊15	17°19	6°52	9°32	20° 1	23°20	18°10	10°33	14°11	21°39	22°13	8°34	n.a.	W 8
T 9	16 43 23	10°25'00	22°28	16°43	8° 5	9°46	20° 4	23°16	18° 8	10°34	14°12	21°D39	22°10	8°40	n.a.	T 9
F 10	16 47 20	11°22'10	5♋24	16° 6	9°17	10° 0	20° 7	23°11	18° 7	10°34	14°13	21°39	22° 7	8°47	n.a.	F 10
S 11	16 51 16	12°19'20	18° 2	15°27	10°30	10°15	20°10	23° 7	18° 5	10°34	14°13	21°40	22° 3	8°54	n.a.	S 11
S 12	16 55 13	13°16'30	0♌25	14°47	11°42	10°31	20°13	23° 3	18° 3	10°35	14°14	21°40	22° 0	9° 0	n.a.	S 12
M13	16 59 10	14°13'40	12°34	14° 7	12°54	10°47	20°17	23° 0	18° 1	10°35	14°15	21°41	21°57	9° 7	n.a.	M13
T 14	17 3 6	15°10'51	24°34	13°28	14° 7	11° 4	20°20	22°56	17°59	10°35	14°16	21°42	21°54	9°14	n.a.	T 14
W15	17 7 3	16° 8'02	6♍29	12°50	15°19	11°21	20°24	22°52	17°57	10°35	14°17	21°42	21°51	9°21	n.a.	W15
T 16	17 10 59	17° 5'14	18°22	12°14	16°32	11°39	20°28	22°48	17°55	10°35	14°17	21°R42	21°48	9°27	n.a.	T 16
F 17	17 14 56	18° 2'26	0♎19	11°40	17°44	11°58	20°32	22°44	17°53	10°36	14°18	21°42	21°44	9°34	n.a.	F 17
S 18	17 18 52	18°59'38	12°24	11°10	18°56	12°17	20°36	22°40	17°51	10°36	14°19	21°42	21°41	9°41	n.a.	S 18
S 19	17 22 49	19°56'51	24°41	10°43	20° 8	12°37	20°41	22°37	17°49	10°36	14°19	21°42	21°38	9°47	n.a.	S 19
M20	17 26 46	20°54'04	7♏13	10°21	21°20	12°57	20°46	22°33	17°47	10°R36	14°20	21°42	21°35	9°54	n.a.	M20
T 21	17 30 42	21°51'18	20° 4	10° 3	22°33	13°18	20°50	22°30	17°45	10°36	14°21	21°D42	21°32	10° 1	n.a.	T 21
W22	17 34 39	22°48'33	3♐15	9°51	23°45	13°39	20°55	22°26	17°43	10°36	14°21	21°42	21°28	10° 8	n.a.	W22
T 23	17 38 35	23°45'48	16°46	9°44	24°57	14° 1	21° 0	22°23	17°41	10°36	14°22	21°R42	21°25	10°14	n.a.	T 23
F 24	17 42 32	24°43'04	0♑35	9°D43	26° 9	14°24	21° 6	22°19	17°39	10°35	14°22	21°42	21°22	10°21	n.a.	F 24
S 25	17 46 28	25°40'22	14°40	9°47	27°21	14°46	21°11	22°16	17°37	10°35	14°23	21°41	21°19	10°28	n.a.	S 25
S 26	17 50 25	26°37'40	28°56	9°58	28°33	15°10	21°17	22°13	17°35	10°35	14°23	21°41	21°16	10°35	n.a.	S 26
M27	17 54 21	27°35'00	13♒19	10°15	29°45	15°33	21°22	22°10	17°33	10°35	14°24	21°40	21°13	10°41	n.a.	M27
T 28	17 58 18	28°32'20	27°45	10°39	0♌57	15°58	21°28	22° 7	17°30	10°35	14°24	21°40	21° 9	10°48	n.a.	T 28
W29	18 2 15	29°29'42	12♓ 8	11° 9	2° 9	16°22	21°34	22° 3	17°28	10°34	14°25	21°39	21° 6	10°55	n.a.	W29
T 30	18 6 11	0♋27'05	26♓26	11♊45	3♌20	16♎47	21♍40	22♏ 1	17♉26	10♓34	14♈25	21°D39	21♊ 3	11♍ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n 0	15s48	4s55	21n22	2s 1	25n19	1n33	4s17	1s 3	5n29	1n30	17s21	1n41	23s 4	0s34	9s15	1s39	8s20	15s10	23n31	23n33	13n22		n.a.
T 2	21 11	10 39	5 13	21 5	2 17	25 21	1 34	4 23	1 5	5 28	1 30	17 21	1 41	23 4	0 34	9 15	1 39	8 20	15 10	23 31	23 33	13 20		n.a.
F 3	21 22	4 55	5 12	20 49	2 32	25 21	1 35	4 28	1 7	5 27	1 29	17 20	1 41	23 4	0 35	9 15	1 39	8 19	15 11	23 31	23 33	13 17		n.a.
S 4	21 33	1n 3	4 52	20 32	2 47	25 22	1 36	4 34	1 9	5 26	1 29	17 19	1 41	23 4	0 35	9 15	1 39	8 19	15 11	23 30	23 33	13 15		n.a.
S 5	21 43	6 57	4 14	20 16	3 2	25 21	1 37	4 40	1 11	5 25	1 29	17 18	1 40	23 5	0 35	9 14	1 39	8 19	15 11	23 30	23 33	13 13		n.a.
M 6	21 52	12 26	3 22	19 59	3 16	25 20	1 38	4 47	1 13	5 24	1 29	17 17	1 40	23 5	0 35	9 14	1 39	8 19	15 11	23 30	23 33	13 10		n.a.
T 7	22 2	17 13	2 18	19 43	3 30	25 18	1 39	4 53	1 15	5 23	1 28	17 16	1 40	23 5	0 35	9 14	1 39	8 19	15 11	23 30	23 32	13 8		n.a.
W 8	22 10	21 1	1 8	19 28	3 42	25 15	1 40	5 0	1 17	5 21	1 28	17 15	1 40	23 5	0 35	9 14	1 39	8 19	15 12	23 30	23 32	13 6		n.a.
T 9	22 19	23 38	0n 5	19 13	3 54	25 11	1 40	5 7	1 19	5 20	1 28	17 14	1 40	23 6	0 35	9 14	1 39	8 19	15 12	23 30	23 32	13 3		n.a.
F 10	22 27	24 55	1 15	18 59	4 4	25 7	1 41	5 15	1 20	5 18	1 27	17 13	1 40	23 6	0 35	9 14	1 39	8 19	15 12	23 30	23 32	13 1		n.a.
S 11	22 35	24 52	2 21	18 46	4 13	25 2	1 42	5 22	1 22	5 17	1 27	17 12	1 40	23 6	0 35	9 14	1 39	8 18	15 12	23 30	23 32	12 58		n.a.
S 12	22 42	23 34	3 18	18 34	4 21	24 56	1 42	5 30	1 24	5 15	1 27	17 11	1 40	23 6	0 35	9 14	1 39	8 18	15 13	23 30	23 31	12 56		n.a.
M13	22 49	21 11	4 6	18 23	4 27	24 50	1 42	5 38	1 25	5 14	1 27	17 10	1 39	23 7	0 35	9 14	1 39	8 18	15 13	23 30	23 31	12 54		n.a.
T 14	22 56	17 56	4 42	18 14	4 32	24 43	1 43	5 46	1 27	5 12	1 26	17 9	1 39	23 7	0 35	9 14	1 39	8 18	15 13	23 30	23 31	12 51		n.a.
W15	23 2	13 58	5 6	18 6	4 35	24 35	1 43	5 54	1 29	5 10	1 26	17 9	1 39	23 7	0 35	9 14	1 39	8 18	15 13	23 30	23 31	12 49		n.a.
T 16	23 8	9 30	5 16	18 0	4 36	24 26	1 43	6 3	1 30	5 8	1 26	17 8	1 39	23 7	0 35	9 14	1 40	8 18	15 14	23 30	23 31	12 46		n.a.
F 17	23 13	4 39	5 13	17 56	4 36	24 17	1 43	6 12	1 32	5 6	1 25	17 7	1 39	23 8	0 35	9 14	1 40	8 18	15 14	23 30	23 30	12 44		n.a.
S 18	23 18	0s25	4 56	17 54	4 34	24 6	1 43	6 21	1 33	5 4	1 25	17 6	1 39	23 8	0 35	9 14	1 40	8 18	15 14	23 30	23 30	12 42		n.a.
S 19	23 23	5 34	4 26	17 54	4 31	23 56	1 43	6 30	1 34	5 2	1 25	17 5	1 39	23 8	0 35	9 14	1 40	8 18	15 14	23 30	23 30	12 39		n.a.
M20	23 27	10 37	3 42	17 55	4 26	23 44	1 43	6 39	1 36	5 0	1 24	17 5	1 38	23 9	0 35	9 14	1 40	8 18	15 15	23 30	23 30	12 37		n.a.
T 21	23 31	15 20	2 46	17 59	4 19	23 32	1 42	6 48	1 37	4 58	1 24	17 4	1 38	23 9	0 35	9 14	1 40	8 18	15 15	23 30	23 30	12 34		n.a.
W22	23 34	19 27	1 40	18 5	4 12	23 19	1 42	6 58	1 38	4 56	1 24	17 3	1 38	23 9	0 35	9 14	1 40	8 18	15 15	23 30	23 29	12 32		n.a.
T 23	23 37	22 39	0 27	18 13	4 3	23 6	1 42	7 8	1 40	4 53	1 24	17 2	1 38	23 10	0 35	9 14	1 40	8 18	15 15	23 30	23 29	12 29		n.a.
F 24	23 40	24 35	0s49	18 22	3 53	22 52	1 41	7 18	1 41	4 51	1 23	17 2	1 38	23 10	0 35	9 14	1 40	8 18	15 16	23 30	23 29	12 27		n.a.
S 25	23 42	25 0	2 4	18 34	3 42	22 37	1 40	7 28	1 42	4 49	1 23	17 1	1 38	23 10	0 35	9 14	1 40	8 18	15 16	23 30	23 29	12 24		n.a.
S 26	23 43	23 47	3 12	18 47	3 30	22 22	1 40	7 38	1 43	4 46	1 23	17 0	1 37	23 10	0 35	9 14	1 40	8 18	15 16	23 30	23 29	12 22		n.a.
M27	23 45	21 1	4 8	19 2	3 17	22 6	1 39	7 49	1 45	4 44	1 23	17 0	1 37	23 11	0 35	9 15	1 40	8 18	15 17	23 30	23 28	12 20		n.a.
T 28	23 46	16 56	4 49	19 19	3 4	21 49	1 38	7 59	1 46	4 41	1 22	16 59	1 37	23 11	0 35	9 15	1 40	8 18	15 17	23 30	23 28	12 17		n.a.
W29	23 46	11 54	5 12	19 37	2 50	21 32	1 37	8 10	1 47	4 38	1 22	16 58	1 37	23 11	0 35	9 15	1 40	8 18	15 17	23 30	23 28	12 15		n.a.
T 30	23n46	6s15	5s15	19n56	2s36	21n14	1n36	8s20	1s48	4n36	1n22	16s58	1n37	23s12	0s35	9s15	1s40	8s19	15s17	23n30	23n28	12n12		n.a.

Julian Day Number = 1500598.5, Delta T = 05h07m13s
Ecliptic obliquity = 23°46'06, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'24, Lahiri = -12°18'23 Julian Calendar 1 June 605 BCE == Greg. Calendar 25 May 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

JULY 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 10 8	1♋24'30	10♈34	12♊27	4♌32	17♎13	21♍46	21°R58	17°R24	10°R34	14♈26	21♊39	21♊ 0	11♍ 8	n.a.	F 1
S 2	18 14 4	2°21'56	24°32	13°15	5°44	17°39	21°53	21♏55	17♑21	10♓33	14°26	21°40	20°57	11°15	n.a.	S 2
S 3	18 18 1	3°19'24	8♉18	14°10	6°56	18° 5	21°59	21°52	17°19	10°33	14°27	21°40	20°54	11°22	n.a.	S 3
M 4	18 21 57	4°16'53	21°51	15°10	8° 7	18°32	22° 6	21°49	17°17	10°33	14°27	21°41	20°50	11°28	n.a.	M 4
T 5	18 25 54	5°14'23	5♊11	16°17	9°19	18°59	22°13	21°47	17°14	10°32	14°27	21°42	20°47	11°35	n.a.	T 5
W 6	18 29 50	6°11'55	18°18	17°29	10°31	19°27	22°20	21°44	17°12	10°32	14°28	21°R43	20°44	11°42	n.a.	W 6
T 7	18 33 47	7° 9'28	1♋11	18°46	11°42	19°55	22°27	21°42	17°10	10°31	14°28	21°43	20°41	11°49	n.a.	T 7
F 8	18 37 44	8° 7'03	13°51	20° 9	12°54	20°23	22°34	21°39	17° 7	10°31	14°28	21°42	20°38	11°55	n.a.	F 8
S 9	18 41 40	9° 4'39	26°18	21°37	14° 5	20°52	22°42	21°37	17° 5	10°30	14°29	21°40	20°34	12° 2	n.a.	S 9
S 10	18 45 37	10° 2'16	8♌34	23° 9	15°17	21°21	22°49	21°35	17° 3	10°29	14°29	21°37	20°31	12° 9	n.a.	S 10
M11	18 49 33	10°59'54	20°39	24°46	16°28	21°51	22°57	21°33	17° 0	10°29	14°29	21°34	20°28	12°15	n.a.	M11
T 12	18 53 30	11°57'34	2♍37	26°27	17°40	22°20	23° 5	21°31	16°58	10°28	14°29	21°31	20°25	12°22	n.a.	T 12
W13	18 57 26	12°55'15	14°31	28°12	18°51	22°51	23°12	21°29	16°55	10°27	14°29	21°28	20°22	12°29	n.a.	W13
T 14	19 1 23	13°52'57	26°23	29°59	20° 2	23°21	23°20	21°27	16°53	10°27	14°30	21°26	20°19	12°36	n.a.	T 14
F 15	19 5 19	14°50'40	8♎18	1♋50	21°13	23°52	23°29	21°25	16°51	10°26	14°30	21°25	20°15	12°42	n.a.	F 15
S 16	19 9 16	15°48'25	20°21	3°43	22°24	24°23	23°37	21°24	16°48	10°25	14°30	21°D25	20°12	12°49	n.a.	S 16
S 17	19 13 13	16°46'10	2♏36	5°38	23°36	24°55	23°45	21°22	16°46	10°24	14°30	21°26	20° 9	12°56	n.a.	S 17
M18	19 17 9	17°43'57	15° 8	7°35	24°47	25°26	23°54	21°21	16°43	10°24	14°30	21°27	20° 6	13° 2	n.a.	M18
T 19	19 21 6	18°41'46	28° 1	9°33	25°58	25°58	24° 2	21°19	16°41	10°23	14°30	21°29	20° 3	13° 9	n.a.	T 19
W20	19 25 2	19°39'36	11♐17	11°32	27° 9	26°31	24°11	21°18	16°39	10°22	14°30	21°30	20° 0	13°16	n.a.	W20
T 21	19 28 59	20°37'27	24°59	13°31	28°19	27° 4	24°20	21°17	16°36	10°21	14°30	21°R31	19°56	13°23	n.a.	T 21
F 22	19 32 55	21°35'20	9♑ 4	15°31	29°30	27°37	24°29	21°16	16°34	10°20	14°R30	21°30	19°53	13°29	n.a.	F 22
S 23	19 36 52	22°33'15	23°31	17°31	0♍41	28°10	24°38	21°15	16°32	10°19	14°30	21°27	19°50	13°36	n.a.	S 23
S 24	19 40 49	23°31'11	8♒14	19°31	1°52	28°43	24°47	21°14	16°29	10°18	14°30	21°23	19°47	13°43	n.a.	S 24
M25	19 44 45	24°29'09	23° 5	21°30	3° 2	29°17	24°56	21°13	16°27	10°17	14°30	21°19	19°44	13°50	n.a.	M25
T 26	19 48 42	25°27'09	7♓56	23°28	4°13	29°51	25° 5	21°12	16°24	10°16	14°30	21°14	19°40	13°56	n.a.	T 26
W27	19 52 38	26°25'11	22°39	25°26	5°23	0♏25	25°15	21°11	16°22	10°15	14°30	21°10	19°37	14° 3	n.a.	W27
T 28	19 56 35	27°23'15	7♈ 9	27°23	6°34	1° 0	25°25	21°11	16°20	10°14	14°30	21° 7	19°34	14°10	n.a.	T 28
F 29	20 0 31	28°21'21	21°21	29°19	7°44	1°35	25°34	21°10	16°17	10°12	14°30	21° 5	19°31	14°16	n.a.	F 29
S 30	20 4 28	29°19'29	5♉13	1♌14	8°55	2°10	25°44	21°10	16°15	10°11	14°29	21°D 5	19°28	14°23	n.a.	S 30
S 31	20 8 24	0♌17'39	18♉47	3♌ 8	10♍ 5	2♏45	25♍54	21♏10	16♑13	10♓10	14♈29	21♊ 6	19♊25	14♍30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n46	0s21	4s59	20n16	2s21	20n56	1n35	8s31	1s49	4n33	1n21	16s57	1n37	23s12	0s35	9s15	1s40	8s19	15s18	23n30	23n27	12n10		n.a.
S 2	23 45	5n31	4 26	20 37	2 6	20 37	1 34	8 42	1 50	4 30	1 21	16 57	1 36	23 12	0 35	9 15	1 41	8 19	15 18	23 30	23 27	12 7		n.a.
S 3	23 44	11 2	3 38	20 58	1 51	20 17	1 33	8 54	1 51	4 27	1 21	16 56	1 36	23 13	0 35	9 16	1 41	8 19	15 18	23 30	23 27	12 5		n.a.
M 4	23 42	15 56	2 38	21 20	1 36	19 57	1 31	9 5	1 52	4 24	1 21	16 56	1 36	23 13	0 35	9 16	1 41	8 19	15 19	23 30	23 27	12 2		n.a.
T 5	23 40	19 59	1 30	21 42	1 21	19 37	1 30	9 16	1 53	4 21	1 20	16 55	1 36	23 13	0 35	9 16	1 41	8 19	15 19	23 30	23 27	12 0		n.a.
W 6	23 37	22 56	0 19	22 4	1 6	19 16	1 28	9 28	1 54	4 18	1 20	16 55	1 36	23 14	0 35	9 16	1 41	8 19	15 19	23 30	23 26	11 57		n.a.
T 7	23 34	24 38	0n52	22 26	0 52	18 54	1 27	9 39	1 54	4 15	1 20	16 54	1 35	23 14	0 35	9 17	1 41	8 19	15 19	23 30	23 26	11 55		n.a.
F 8	23 31	25 1	1 59	22 46	0 37	18 32	1 25	9 51	1 55	4 12	1 20	16 54	1 35	23 14	0 35	9 17	1 41	8 19	15 20	23 30	23 26	11 52		n.a.
S 9	23 27	24 7	2 59	23 6	0 24	18 9	1 23	10 3	1 56	4 9	1 19	16 53	1 35	23 15	0 35	9 17	1 41	8 20	15 20	23 30	23 26	11 50		n.a.
S 10	23 23	22 4	3 50	23 25	0 10	17 46	1 21	10 14	1 57	4 6	1 19	16 53	1 35	23 15	0 35	9 17	1 41	8 20	15 20	23 30	23 25	11 47		n.a.
M11	23 18	19 3	4 30	23 43	0n 3	17 23	1 20	10 26	1 58	4 3	1 19	16 53	1 35	23 15	0 35	9 18	1 41	8 20	15 21	23 30	23 25	11 45		n.a.
T 12	23 13	15 17	4 57	23 58	0 15	16 59	1 18	10 38	1 58	3 59	1 19	16 52	1 34	23 15	0 35	9 18	1 41	8 20	15 21	23 30	23 25	11 42		n.a.
W13	23 8	10 58	5 12	24 12	0 27	16 34	1 15	10 50	1 59	3 56	1 18	16 52	1 34	23 16	0 35	9 18	1 41	8 20	15 21	23 29	23 25	11 40		n.a.
T 14	23 2	6 14	5 13	24 24	0 38	16 10	1 13	11 3	2 0	3 52	1 18	16 52	1 34	23 16	0 35	9 19	1 41	8 21	15 21	23 29	23 25	11 37		n.a.
F 15	22 56	1 16	5 1	24 34	0 48	15 44	1 11	11 15	2 1	3 49	1 18	16 51	1 34	23 16	0 35	9 19	1 41	8 21	15 22	23 29	23 24	11 35		n.a.
S 16	22 49	3s49	4 35	24 41	0 58	15 19	1 9	11 27	2 1	3 45	1 18	16 51	1 34	23 17	0 35	9 19	1 41	8 21	15 22	23 29	23 24	11 32		n.a.
S 17	22 42	8 50	3 57	24 45	1 6	14 53	1 6	11 40	2 2	3 42	1 18	16 51	1 33	23 17	0 35	9 20	1 41	8 21	15 22	23 29	23 24	11 30		n.a.
M18	22 34	13 38	3 6	24 47	1 14	14 27	1 4	11 52	2 2	3 38	1 17	16 51	1 33	23 17	0 35	9 20	1 41	8 22	15 23	23 29	23 24	11 27		n.a.
T 19	22 27	17 57	2 5	24 46	1 21	14 0	1 1	12 4	2 3	3 35	1 17	16 51	1 33	23 18	0 35	9 20	1 42	8 22	15 23	23 29	23 23	11 25		n.a.
W20	22 18	21 31	0 56	24 42	1 27	13 33	0 59	12 17	2 4	3 31	1 17	16 50	1 33	23 18	0 35	9 21	1 42	8 22	15 23	23 30	23 23	11 22		n.a.
T 21	22 10	23 59	0s19	24 36	1 32	13 5	0 56	12 29	2 4	3 27	1 17	16 50	1 33	23 18	0 35	9 21	1 42	8 22	15 23	23 30	23 23	11 20		n.a.
F 22	22 1	25 2	1 35	24 27	1 37	12 38	0 53	12 42	2 5	3 23	1 16	16 50	1 32	23 19	0 35	9 22	1 42	8 23	15 24	23 29	23 23	11 17		n.a.
S 23	21 51	24 25	2 46	24 16	1 40	12 10	0 50	12 55	2 5	3 19	1 16	16 50	1 32	23 19	0 35	9 22	1 42	8 23	15 24	23 29	23 22	11 14		n.a.
S 24	21 41	22 7	3 48	24 2	1 43	11 42	0 47	13 7	2 6	3 16	1 16	16 50	1 32	23 19	0 35	9 23	1 42	8 23	15 24	23 29	23 22	11 12		n.a.
M25	21 31	18 19	4 34	23 45	1 45	11 13	0 44	13 20	2 6	3 12	1 16	16 50	1 32	23 19	0 35	9 23	1 42	8 23	15 25	23 29	23 22	11 9		n.a.
T 26	21 20	13 23	5 3	23 27	1 47	10 44	0 41	13 33	2 7	3 8	1 16	16 50	1 32	23 20	0 35	9 23	1 42	8 24	15 25	23 28	23 22	11 7		n.a.
W27	21 9	7 42	5 11	23 6	1 47	10 15	0 38	13 45	2 7	3 4	1 15	16 50	1 31	23 20	0 35	9 24	1 42	8 24	15 25	23 28	23 21	11 4		n.a.
T 28	20 58	1 42	4 59	22 43	1 48	9 46	0 35	13 58	2 7	3 0	1 15	16 50	1 31	23 20	0 35	9 24	1 42	8 24	15 26	23 28	23 21	11 2		n.a.
F 29	20 46	4n17	4 29	22 19	1 47	9 16	0 32	14 11	2 8	2 56	1 15	16 50	1 31	23 21	0 35	9 25	1 42	8 25	15 26	23 28	23 21	10 59		n.a.
S 30	20 34	9 56	3 44	21 53	1 46	8 47	0 28	14 23	2 8	2 51	1 15	16 50	1 31	23 21	0 35	9 25	1 42	8 25	15 26	23 28	23 21	10 56		n.a.
S 31	20n22	14n59	2s47	21n25	1n44	8n17	0n25	14s36	2s 9	2n47	1n14	16s50	1n31	23s21	0s35	9s26	1s42	8s25	15s26	23n28	23n20	10n54		n.a.

Julian Day Number = 1500628.5, Delta T = 05h07m12s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'20, Lahiri = -12°18'19 Julian Calendar 1 July 605 BCE == Greg. Calendar 24 June 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

AUGUST 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 12 21	1♌15'51	2♊ 2	5♌ 1	11♍15	3♏20	26♍ 4	21°R10	16°R11	10°R 9	14°R29	21♊ 7	19♊21	14♍37	n.a.	M 1
T 2	20 16 17	2°14'06	15° 2	6°53	12°25	3°56	26°14	21°D 9	16♉ 8	10♓ 8	14♈29	21°R 9	19°18	14°43	n.a.	T 2
W 3	20 20 14	3°12'23	27°48	8°44	13°35	4°32	26°24	21♏ 9	16° 6	10° 6	14°29	21° 9	19°15	14°50	n.a.	W 3
T 4	20 24 11	4°10'42	10♋22	10°33	14°45	5° 8	26°34	21°10	16° 4	10° 5	14°28	21° 7	19°12	14°57	n.a.	T 4
F 5	20 28 7	5° 9'03	22°45	12°22	15°55	5°45	26°45	21°10	16° 1	10° 4	14°28	21° 3	19° 9	15° 4	n.a.	F 5
S 6	20 32 4	6° 7'25	4♌59	14° 9	17° 5	6°21	26°55	21°10	15°59	10° 3	14°28	20°57	19° 6	15°10	n.a.	S 6
S 7	20 36 0	7° 5'50	17° 6	15°55	18°15	6°58	27° 6	21°11	15°57	10° 1	14°27	20°49	19° 2	15°17	n.a.	S 7
M 8	20 39 57	8° 4'17	29° 6	17°40	19°24	7°35	27°16	21°11	15°55	10° 0	14°27	20°40	18°59	15°24	n.a.	M 8
T 9	20 43 53	9° 2'46	11♍ 1	19°24	20°34	8°13	27°27	21°12	15°53	9°59	14°27	20°31	18°56	15°30	n.a.	T 9
W10	20 47 50	10° 1'16	22°52	21° 6	21°44	8°50	27°38	21°12	15°51	9°57	14°26	20°22	18°53	15°37	n.a.	W10
T 11	20 51 46	10°59'48	4♎43	22°48	22°53	9°28	27°48	21°13	15°49	9°56	14°26	20°15	18°50	15°44	n.a.	T 11
F 12	20 55 43	11°58'22	16°37	24°28	24° 2	10° 6	27°59	21°14	15°46	9°54	14°25	20° 9	18°46	15°51	n.a.	F 12
S 13	20 59 40	12°56'58	28°37	26° 8	25°12	10°44	28°10	21°15	15°44	9°53	14°25	20° 6	18°43	15°57	n.a.	S 13
S 14	21 3 36	13°55'36	10♏49	27°46	26°21	11°22	28°22	21°16	15°42	9°51	14°25	20°D 5	18°40	16° 4	n.a.	S 14
M15	21 7 33	14°54'15	23°16	29°23	27°30	12° 0	28°33	21°17	15°40	9°50	14°24	20° 5	18°37	16°11	n.a.	M15
T 16	21 11 29	15°52'57	6♐ 4	0♍59	28°39	12°39	28°44	21°19	15°38	9°48	14°24	20° 6	18°34	16°17	n.a.	T 16
W17	21 15 26	16°51'40	19°17	2°35	29°48	13°18	28°55	21°20	15°36	9°47	14°23	20°R 7	18°31	16°24	n.a.	W17
T 18	21 19 22	17°50'25	2♑58	4° 9	0♎56	13°57	29° 7	21°21	15°35	9°45	14°22	20° 6	18°27	16°31	n.a.	T 18
F 19	21 23 19	18°49'12	17° 8	5°42	2° 5	14°36	29°18	21°23	15°33	9°44	14°22	20° 3	18°24	16°38	n.a.	F 19
S 20	21 27 15	19°48'01	1♒45	7°14	3°14	15°15	29°30	21°25	15°31	9°42	14°21	19°58	18°21	16°44	n.a.	S 20
S 21	21 31 12	20°46'52	16°43	8°46	4°22	15°54	29°41	21°26	15°29	9°41	14°21	19°50	18°18	16°51	n.a.	S 21
M22	21 35 9	21°45'45	1♓54	10°16	5°30	16°34	29°53	21°28	15°27	9°39	14°20	19°41	18°15	16°58	n.a.	M22
T 23	21 39 5	22°44'41	17° 8	11°45	6°38	17°14	0♎ 5	21°30	15°25	9°38	14°19	19°32	18°12	17° 5	n.a.	T 23
W24	21 43 2	23°43'38	2♈13	13°13	7°46	17°54	0°16	21°32	15°24	9°36	14°19	19°23	18° 8	17°11	n.a.	W24
T 25	21 46 58	24°42'38	17° 1	14°41	8°54	18°34	0°28	21°34	15°22	9°34	14°18	19°16	18° 5	17°18	n.a.	T 25
F 26	21 50 55	25°41'40	1♉25	16° 7	10° 2	19°14	0°40	21°37	15°20	9°33	14°17	19°12	18° 2	17°25	n.a.	F 26
S 27	21 54 51	26°40'44	15°23	17°32	11°10	19°54	0°52	21°39	15°19	9°31	14°17	19° 9	17°59	17°31	n.a.	S 27
S 28	21 58 48	27°39'52	28°55	18°56	12°17	20°34	1° 4	21°41	15°17	9°30	14°16	19°D 9	17°56	17°38	n.a.	S 28
M29	22 2 44	28°39'01	12♊ 4	20°20	13°25	21°15	1°16	21°44	15°16	9°28	14°15	19° 9	17°52	17°45	n.a.	M29
T 30	22 6 41	29°38'14	24°53	21°42	14°32	21°56	1°28	21°46	15°14	9°26	14°15	19°R 9	17°49	17°52	n.a.	T 30
W31	22 10 37	0♍37'28	7♋26	23♍ 3	15♎39	22♏37	1♎41	21♏49	15♉13	9♓25	14♈14	19♊ 8	17♊46	17♍58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n 9	19n12	1s42	20n55	1n42	7n46	0n21	14s49	2s 9	2n43	1n14	16s51	1n30	23s21	0s35	9s26	1s42	8s26	15s27	23n28	23n20	10n51		n.a.
T 2	19 56	22 22	0 33	20 24	1 39	7 16	0 18	15 1	2 9	2 39	1 14	16 51	1 30	23 22	0 35	9 27	1 42	8 26	15 27	23 28	23 20	10 49		n.a.
W 3	19 42	24 21	0n36	19 52	1 36	6 46	0 14	15 14	2 9	2 35	1 14	16 51	1 30	23 22	0 35	9 27	1 42	8 26	15 27	23 28	23 20	10 46		n.a.
T 4	19 29	25 3	1 42	19 19	1 33	6 15	0 11	15 27	2 10	2 30	1 14	16 51	1 30	23 22	0 35	9 28	1 42	8 27	15 28	23 28	23 19	10 44		n.a.
F 5	19 14	24 29	2 42	18 45	1 29	5 44	0 7	15 39	2 10	2 26	1 14	16 52	1 29	23 23	0 35	9 28	1 42	8 27	15 28	23 28	23 19	10 41		n.a.
S 6	19 0	22 44	3 34	18 10	1 25	5 13	0 3	15 52	2 10	2 22	1 13	16 52	1 29	23 23	0 35	9 29	1 42	8 27	15 28	23 27	23 19	10 38		n.a.
S 7	18 45	19 58	4 16	17 33	1 20	4 42	0s 1	16 5	2 10	2 17	1 13	16 52	1 29	23 23	0 35	9 29	1 42	8 28	15 28	23 27	23 19	10 36		n.a.
M 8	18 30	16 23	4 45	16 57	1 15	4 11	0 4	16 17	2 11	2 13	1 13	16 53	1 29	23 23	0 35	9 30	1 42	8 28	15 29	23 26	23 18	10 33		n.a.
T 9	18 14	12 11	5 2	16 19	1 10	3 40	0 8	16 30	2 11	2 8	1 13	16 53	1 29	23 24	0 35	9 31	1 42	8 29	15 29	23 25	23 18	10 31		n.a.
W10	17 59	7 32	5 6	15 41	1 5	3 8	0 12	16 42	2 11	2 4	1 13	16 53	1 28	23 24	0 35	9 31	1 43	8 29	15 29	23 25	23 18	10 28		n.a.
T 11	17 43	2 38	4 57	15 2	0 59	2 37	0 16	16 55	2 11	1 59	1 12	16 54	1 28	23 24	0 35	9 32	1 43	8 29	15 29	23 24	23 17	10 25		n.a.
F 12	17 26	2s24	4 35	14 22	0 53	2 5	0 20	17 7	2 11	1 55	1 12	16 54	1 28	23 24	0 35	9 32	1 43	8 30	15 30	23 24	23 17	10 23		n.a.
S 13	17 9	7 24	4 0	13 43	0 47	1 34	0 24	17 19	2 11	1 50	1 12	16 55	1 28	23 25	0 35	9 33	1 43	8 30	15 30	23 24	23 17	10 20		n.a.
S 14	16 52	12 12	3 15	13 3	0 40	1 2	0 29	17 32	2 11	1 46	1 12	16 55	1 28	23 25	0 35	9 34	1 43	8 31	15 30	23 24	23 17	10 17		n.a.
M15	16 35	16 36	2 19	12 22	0 34	0 31	0 33	17 44	2 12	1 41	1 12	16 56	1 27	23 25	0 35	9 34	1 43	8 31	15 30	23 24	23 16	10 15		n.a.
T 16	16 18	20 24	1 15	11 42	0 27	0s 1	0 37	17 56	2 12	1 36	1 12	16 56	1 27	23 25	0 35	9 35	1 43	8 31	15 31	23 24	23 16	10 12		n.a.
W17	16 0	23 15	0 4	11 1	0 20	0 33	0 41	18 8	2 12	1 31	1 11	16 57	1 27	23 25	0 35	9 35	1 43	8 32	15 31	23 24	23 16	10 10		n.a.
T 18	15 42	24 52	1s 8	10 20	0 13	1 4	0 45	18 20	2 12	1 27	1 11	16 57	1 27	23 26	0 35	9 36	1 43	8 32	15 31	23 24	23 16	10 7		n.a.
F 19	15 23	24 57	2 19	9 38	0 6	1 36	0 50	18 32	2 12	1 22	1 11	16 58	1 26	23 26	0 35	9 37	1 43	8 33	15 31	23 23	23 15	10 4		n.a.
S 20	15 5	23 20	3 23	8 57	0s 1	2 7	0 54	18 44	2 12	1 17	1 11	16 59	1 26	23 26	0 35	9 37	1 43	8 33	15 32	23 23	23 15	10 2		n.a.
S 21	14 46	20 5	4 15	8 16	0 8	2 39	0 58	18 55	2 12	1 12	1 11	16 59	1 26	23 26	0 35	9 38	1 43	8 34	15 32	23 22	23 15	9 59		n.a.
M22	14 27	15 25	4 49	7 35	0 16	3 10	1 3	19 7	2 12	1 8	1 11	17 0	1 26	23 26	0 35	9 38	1 43	8 34	15 32	23 22	23 14	9 56		n.a.
T 23	14 7	9 47	5 3	6 54	0 23	3 42	1 7	19 19	2 12	1 3	1 11	17 1	1 26	23 27	0 35	9 39	1 43	8 35	15 32	23 21	23 14	9 54		n.a.
W24	13 48	3 37	4 56	6 12	0 31	4 13	1 12	19 30	2 12	0 58	1 10	17 1	1 25	23 27	0 35	9 40	1 43	8 35	15 33	23 20	23 14	9 51		n.a.
T 25	13 28	2n38	4 29	5 31	0 38	4 44	1 16	19 41	2 12	0 53	1 10	17 2	1 25	23 27	0 35	9 40	1 43	8 35	15 33	23 20	23 14	9 48		n.a.
F 26	13 8	8 37	3 45	4 51	0 46	5 16	1 21	19 53	2 11	0 48	1 10	17 3	1 25	23 27	0 35	9 41	1 43	8 36	15 33	23 19	23 13	9 46		n.a.
S 27	12 47	13 59	2 49	4 10	0 54	5 47	1 25	20 4	2 11	0 43	1 10	17 4	1 25	23 27	0 35	9 42	1 43	8 36	15 33	23 19	23 13	9 43		n.a.
S 28	12 27	18 29	1 45	3 30	1 1	6 17	1 29	20 15	2 11	0 38	1 10	17 5	1 25	23 28	0 35	9 42	1 43	8 37	15 34	23 19	23 13	9 40		n.a.
M29	12 6	21 56	0 38	2 50	1 9	6 48	1 34	20 26	2 11	0 33	1 10	17 5	1 24	23 28	0 35	9 43	1 43	8 37	15 34	23 19	23 12	9 38		n.a.
T 30	11 45	24 10	0n30	2 10	1 16	7 19	1 38	20 36	2 11	0 28	1 10	17 6	1 24	23 28	0 35	9 44	1 43	8 38	15 34	23 19	23 12	9 35		n.a.
W31	11n24	25n 9	1n35	1n31	1s24	7s49	1s43	20s47	2s11	0n23	1n 9	17s 7	1n24	23s28	0s35	9s44	1s43	8s38	15s34	23n19	23n12	9n32		n.a.

Julian Day Number = 1500659.5, Delta T = 05h07m10s
Ecliptic obliquity = 23°46'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'15, Lahiri = -12°18'15 Julian Calendar 1 Aug. 605 BCE == Greg. Calendar 25 July 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

SEPTEMBER 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 14 34	1♍36'45	19♋46	24♍22	16♎46	23♏18	1♎53	21♏52	15°R11	9°R23	14°R13	19°R 4	17♊43	18♍ 5	n.a.	T 1
F 2	22 18 31	2°36'04	1♌56	25°41	17°53	23°59	2° 5	21°55	15♉10	9♓21	14♈12	18♊57	17°40	18°12	n.a.	F 2
S 3	22 22 27	3°35'26	14° 0	26°58	19° 0	24°40	2°18	21°58	15° 8	9°20	14°11	18°48	17°37	18°19	n.a.	S 3
S 4	22 26 24	4°34'50	25°58	28°14	20° 6	25°21	2°30	22° 1	15° 7	9°18	14°11	18°35	17°33	18°25	n.a.	S 4
M 5	22 30 20	5°34'16	7♍53	29°28	21°13	26° 3	2°42	22° 4	15° 6	9°16	14°10	18°22	17°30	18°32	n.a.	M 5
T 6	22 34 17	6°33'44	19°45	0♎41	22°19	26°44	2°55	22° 7	15° 5	9°15	14° 9	18° 7	17°27	18°39	n.a.	T 6
W 7	22 38 13	7°33'14	1♎36	1°52	23°25	27°26	3° 8	22°10	15° 4	9°13	14° 8	17°54	17°24	18°45	n.a.	W 7
T 8	22 42 10	8°32'46	13°29	3° 1	24°31	28° 8	3°20	22°14	15° 2	9°11	14° 7	17°42	17°21	18°52	n.a.	T 8
F 9	22 46 6	9°32'20	25°24	4° 9	25°37	28°50	3°33	22°17	15° 1	9°10	14° 6	17°32	17°17	18°59	n.a.	F 9
S 10	22 50 3	10°31'57	7♏24	5°14	26°42	29°32	3°45	22°21	15° 0	9° 8	14° 5	17°25	17°14	19° 6	n.a.	S 10
S 11	22 53 59	11°31'35	19°35	6°17	27°48	0♐14	3°58	22°24	14°59	9° 6	14° 4	17°22	17°11	19°12	n.a.	S 11
M12	22 57 56	12°31'15	1♐59	7°17	28°53	0°56	4°11	22°28	14°58	9° 5	14° 3	17°20	17° 8	19°19	n.a.	M12
T 13	23 1 53	13°30'57	14°41	8°15	29°57	1°39	4°24	22°32	14°57	9° 3	14° 3	17°20	17° 5	19°26	n.a.	T 13
W14	23 5 49	14°30'41	27°47	9° 9	1♑ 2	2°21	4°37	22°36	14°57	9° 1	14° 2	17°20	17° 2	19°32	n.a.	W14
T 15	23 9 46	15°30'27	11♑19	10° 0	2° 7	3° 4	4°50	22°40	14°56	9° 0	14° 1	17°18	16°58	19°39	n.a.	T 15
F 16	23 13 42	16°30'14	25°22	10°48	3°11	3°46	5° 2	22°44	14°55	8°58	14° 0	17°15	16°55	19°46	n.a.	F 16
S 17	23 17 39	17°30'03	9♒53	11°31	4°15	4°29	5°15	22°48	14°54	8°56	13°59	17° 9	16°52	19°53	n.a.	S 17
S 18	23 21 35	18°29'55	24°50	12°10	5°18	5°12	5°28	22°52	14°54	8°55	13°58	17° 0	16°49	19°59	n.a.	S 18
M19	23 25 32	19°29'48	10♓ 5	12°44	6°22	5°55	5°41	22°56	14°53	8°53	13°57	16°49	16°46	20° 6	n.a.	M19
T 20	23 29 28	20°29'42	25°28	13°12	7°25	6°38	5°54	23° 1	14°52	8°51	13°56	16°38	16°43	20°13	n.a.	T 20
W21	23 33 25	21°29'40	10♈46	13°34	8°28	7°21	6° 7	23° 5	14°52	8°50	13°55	16°27	16°39	20°20	n.a.	W21
T 22	23 37 22	22°29'39	25°48	13°50	9°31	8° 4	6°21	23°10	14°51	8°48	13°54	16°18	16°36	20°26	n.a.	T 22
F 23	23 41 18	23°29'40	10♉27	13°59	10°33	8°47	6°34	23°14	14°51	8°46	13°52	16°12	16°33	20°33	n.a.	F 23
S 24	23 45 15	24°29'44	24°36	13°R59	11°35	9°31	6°47	23°19	14°51	8°45	13°51	16° 8	16°30	20°40	n.a.	S 24
S 25	23 49 11	25°29'50	8♊17	13°52	12°37	10°14	7° 0	23°24	14°50	8°43	13°50	16° 7	16°27	20°46	n.a.	S 25
M26	23 53 8	26°29'58	21°29	13°35	13°38	10°57	7°13	23°28	14°50	8°42	13°49	16° 7	16°23	20°53	n.a.	M26
T 27	23 57 4	27°30'09	4♋18	13°10	14°39	11°41	7°26	23°33	14°50	8°40	13°48	16° 7	16°20	21° 0	n.a.	T 27
W28	0 1 1	28°30'22	16°46	12°34	15°40	12°25	7°39	23°38	14°50	8°38	13°47	16° 5	16°17	21° 7	n.a.	W28
T 29	0 4 57	29°30'37	29° 1	11°50	16°40	13° 8	7°53	23°43	14°49	8°37	13°46	16° 2	16°14	21°13	n.a.	T 29
F 30	0 8 54	0♎30'54	11♌ 4	10♎56	17♏40	13♐52	8♎ 6	23♏48	14♉49	8♓35	13♈45	15♊55	16♊11	21♍20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n 3	24n50	2n35	0n52	1s31	8s20	1s47	20s57	2s11	0n18	1n 9	17s 8	1n24	23s28	0s35	9s45	1s43	8s39	15s34	23n19	23n12	9n30		n.a.
F 2	10 41	23 20	3 26	0 14	1 39	8 50	1 52	21 8	2 10	0 13	1 9	17 9	1 24	23 28	0 35	9 45	1 43	8 39	15 35	23 18	23 11	9 27		n.a.
S 3	10 20	20 47	4 7	0s24	1 46	9 20	1 56	21 18	2 10	0 8	1 9	17 10	1 23	23 28	0 35	9 46	1 43	8 40	15 35	23 17	23 11	9 24		n.a.
S 4	9 58	17 22	4 37	1 1	1 53	9 49	2 1	21 28	2 10	0 3	1 9	17 11	1 23	23 29	0 35	9 47	1 43	8 40	15 35	23 16	23 11	9 22		n.a.
M 5	9 36	13 16	4 55	1 37	2 0	10 19	2 5	21 38	2 10	0s 3	1 9	17 12	1 23	23 29	0 35	9 47	1 43	8 41	15 35	23 15	23 10	9 19		n.a.
T 6	9 14	8 41	5 0	2 13	2 7	10 48	2 10	21 48	2 10	0 8	1 9	17 13	1 23	23 29	0 35	9 48	1 43	8 41	15 35	23 14	23 10	9 16		n.a.
W 7	8 51	3 48	4 51	2 47	2 14	11 17	2 14	21 57	2 9	0 13	1 9	17 14	1 23	23 29	0 35	9 49	1 43	8 42	15 35	23 13	23 10	9 14		n.a.
T 8	8 29	1s15	4 30	3 21	2 20	11 46	2 18	22 7	2 9	0 18	1 8	17 15	1 22	23 29	0 35	9 49	1 43	8 42	15 36	23 11	23 9	9 11		n.a.
F 9	8 6	6 16	3 58	3 54	2 26	12 15	2 23	22 16	2 9	0 23	1 8	17 16	1 22	23 29	0 35	9 50	1 43	8 43	15 36	23 11	23 9	9 8		n.a.
S 10	7 43	11 7	3 14	4 26	2 33	12 43	2 27	22 25	2 8	0 28	1 8	17 17	1 22	23 29	0 35	9 51	1 43	8 43	15 36	23 10	23 9	9 5		n.a.
S 11	7 20	15 37	2 21	4 57	2 38	13 11	2 31	22 34	2 8	0 34	1 8	17 18	1 22	23 29	0 35	9 51	1 43	8 44	15 36	23 10	23 9	9 3		n.a.
M12	6 57	19 32	1 20	5 26	2 44	13 39	2 36	22 43	2 8	0 39	1 8	17 20	1 22	23 29	0 35	9 52	1 43	8 44	15 36	23 9	23 8	9 0		n.a.
T 13	6 34	22 39	0 14	5 54	2 49	14 6	2 40	22 51	2 8	0 44	1 8	17 21	1 22	23 30	0 35	9 53	1 43	8 45	15 36	23 9	23 8	8 57		n.a.
W14	6 11	24 40	0s55	6 20	2 54	14 33	2 44	23 0	2 7	0 49	1 8	17 22	1 21	23 30	0 35	9 53	1 43	8 45	15 37	23 9	23 8	8 55		n.a.
T 15	5 47	25 19	2 3	6 44	2 58	15 0	2 48	23 8	2 7	0 55	1 8	17 23	1 21	23 30	0 35	9 54	1 43	8 46	15 37	23 9	23 7	8 52		n.a.
F 16	5 24	24 24	3 6	7 6	3 1	15 26	2 52	23 16	2 6	1 0	1 8	17 24	1 21	23 30	0 35	9 55	1 43	8 46	15 37	23 9	23 7	8 49		n.a.
S 17	5 0	21 51	3 59	7 26	3 5	15 52	2 56	23 24	2 6	1 5	1 8	17 25	1 21	23 30	0 35	9 55	1 43	8 47	15 37	23 8	23 7	8 46		n.a.
S 18	4 37	17 47	4 38	7 44	3 7	16 18	3 0	23 31	2 6	1 10	1 7	17 27	1 21	23 30	0 35	9 56	1 43	8 47	15 37	23 7	23 6	8 44		n.a.
M19	4 13	12 28	4 58	7 59	3 9	16 43	3 4	23 39	2 5	1 16	1 7	17 28	1 20	23 30	0 35	9 56	1 43	8 48	15 37	23 6	23 6	8 41		n.a.
T 20	3 49	6 21	4 56	8 11	3 10	17 8	3 8	23 46	2 5	1 21	1 7	17 29	1 20	23 30	0 35	9 57	1 43	8 48	15 37	23 5	23 6	8 38		n.a.
W21	3 25	0n 8	4 34	8 20	3 10	17 32	3 12	23 53	2 5	1 26	1 7	17 31	1 20	23 30	0 35	9 58	1 43	8 49	15 37	23 4	23 5	8 35		n.a.
T 22	3 1	6 30	3 52	8 25	3 8	17 57	3 16	24 0	2 4	1 32	1 7	17 32	1 20	23 30	0 35	9 58	1 43	8 49	15 37	23 3	23 5	8 33		n.a.
F 23	2 37	12 22	2 56	8 26	3 6	18 20	3 19	24 6	2 4	1 37	1 7	17 33	1 20	23 30	0 35	9 59	1 43	8 50	15 38	23 3	23 5	8 30		n.a.
S 24	2 13	17 23	1 51	8 23	3 3	18 43	3 23	24 13	2 3	1 42	1 7	17 35	1 20	23 30	0 35	9 59	1 43	8 50	15 38	23 2	23 4	8 27		n.a.
S 25	1 49	21 19	0 41	8 16	2 58	19 6	3 26	24 19	2 3	1 48	1 7	17 36	1 19	23 30	0 35	10 0	1 43	8 51	15 38	23 2	23 4	8 24		n.a.
M26	1 25	23 58	0n28	8 3	2 51	19 29	3 30	24 25	2 2	1 53	1 7	17 37	1 19	23 30	0 35	10 1	1 43	8 51	15 38	23 2	23 4	8 22		n.a.
T 27	1 0	25 16	1 35	7 45	2 43	19 50	3 33	24 30	2 2	1 58	1 7	17 39	1 19	23 30	0 34	10 1	1 43	8 51	15 38	23 2	23 3	8 19		n.a.
W28	0 36	25 15	2 35	7 22	2 33	20 12	3 36	24 36	2 1	2 4	1 7	17 40	1 19	23 30	0 34	10 2	1 43	8 52	15 38	23 2	23 3	8 16		n.a.
T 29	0 12	24 0	3 26	6 54	2 21	20 33	3 40	24 41	2 1	2 9	1 7	17 41	1 19	23 30	0 34	10 2	1 43	8 52	15 38	23 1	23 3	8 13		n.a.
F 30	0s12	21n39	4n 8	6s20	2s 7	20s53	3s43	24s46	2s 0	2s14	1n 7	17s43	1n19	23s30	0s34	10s 3	1s43	8s53	15s38	23n 1	23n 2	8n11		n.a.

Julian Day Number = 1500690.5, Delta T = 05h07m09s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'11, Lahiri = -12°18'11 Julian Calendar 1 Sept. 605 BCE == Greg. Calendar 25 Aug. 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

OCTOBER 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 12 51	1♎31'13	23♌ 1	9°R54	18♏39	14♐36	8♎19	23♏53	14°D49	8°R34	13°R44	15°R46	16♊ 8	21♍27	n.a.	S 1
S 2	0 16 47	2°31'34	4♍54	8♎45	19°39	15°20	8°33	23°58	14♑49	8♓32	13♈43	15♊35	16° 4	21°34	n.a.	S 2
M 3	0 20 44	3°31'57	16°46	7°30	20°37	16° 3	8°46	24° 4	14°49	8°31	13°42	15°21	16° 1	21°40	n.a.	M 3
T 4	0 24 40	4°32'22	28°38	6°12	21°36	16°47	8°59	24° 9	14°50	8°29	13°40	15° 7	15°58	21°47	n.a.	T 4
W 5	0 28 37	5°32'49	10♎32	4°53	22°34	17°31	9°12	24°14	14°50	8°28	13°39	14°54	15°55	21°54	n.a.	W 5
T 6	0 32 33	6°33'17	22°29	3°35	23°31	18°16	9°26	24°20	14°50	8°26	13°38	14°42	15°52	22° 0	n.a.	T 6
F 7	0 36 30	7°33'48	4♏31	2°21	24°28	19° 0	9°39	24°25	14°50	8°25	13°37	14°33	15°49	22° 7	n.a.	F 7
S 8	0 40 26	8°34'20	16°38	1°13	25°24	19°44	9°52	24°31	14°51	8°24	13°36	14°26	15°45	22°14	n.a.	S 8
S 9	0 44 23	9°34'53	28°55	0°14	26°20	20°28	10° 6	24°36	14°51	8°22	13°35	14°22	15°42	22°21	n.a.	S 9
M10	0 48 19	10°35'28	11♐23	29♍24	27°16	21°13	10°19	24°42	14°51	8°21	13°34	14°D21	15°39	22°27	n.a.	M10
T 11	0 52 16	11°36'05	24° 6	28°46	28°10	21°57	10°32	24°48	14°52	8°20	13°33	14°21	15°36	22°34	n.a.	T 11
W12	0 56 13	12°36'42	7♑ 8	28°19	29° 5	22°41	10°46	24°54	14°52	8°18	13°31	14°R22	15°33	22°41	n.a.	W12
T 13	1 0 9	13°37'22	20°33	28° 4	29°58	23°26	10°59	24°59	14°53	8°17	13°30	14°22	15°29	22°47	n.a.	T 13
F 14	1 4 6	14°38'02	4♒23	28°D 0	0♐51	24°10	11°12	25° 5	14°54	8°16	13°29	14°20	15°26	22°54	n.a.	F 14
S 15	1 8 2	15°38'44	18°40	28° 7	1°43	24°55	11°26	25°11	14°54	8°14	13°28	14°16	15°23	23° 1	n.a.	S 15
S 16	1 11 59	16°39'26	3♓20	28°25	2°35	25°39	11°39	25°17	14°55	8°13	13°27	14°10	15°20	23° 8	n.a.	S 16
M17	1 15 55	17°40'10	18°21	28°52	3°26	26°24	11°52	25°23	14°56	8°12	13°26	14° 2	15°17	23°14	n.a.	M17
T 18	1 19 52	18°40'56	3♈33	29°27	4°16	27° 9	12° 6	25°29	14°57	8°11	13°25	13°53	15°14	23°21	n.a.	T 18
W19	1 23 48	19°41'42	18°46	0♎11	5° 5	27°53	12°19	25°35	14°58	8°10	13°24	13°44	15°10	23°28	n.a.	W19
T 20	1 27 45	20°42'31	3♉48	1° 1	5°53	28°38	12°32	25°41	14°59	8° 8	13°22	13°37	15° 7	23°35	n.a.	T 20
F 21	1 31 42	21°43'20	18°32	1°57	6°41	29°23	12°46	25°48	15° 0	8° 7	13°21	13°32	15° 4	23°41	n.a.	F 21
S 22	1 35 38	22°44'11	2♊50	2°58	7°28	0♑ 7	12°59	25°54	15° 1	8° 6	13°20	13°30	15° 1	23°48	n.a.	S 22
S 23	1 39 35	23°45'04	16°40	4° 4	8°13	0°52	13°12	26° 0	15° 2	8° 5	13°19	13°D29	14°58	23°55	n.a.	S 23
M24	1 43 31	24°45'58	0♋ 1	5°14	8°58	1°37	13°25	26° 6	15° 3	8° 4	13°18	13°30	14°54	24° 1	n.a.	M24
T 25	1 47 28	25°46'54	12°56	6°28	9°42	2°22	13°39	26°13	15° 4	8° 3	13°17	13°31	14°51	24° 8	n.a.	T 25
W26	1 51 24	26°47'51	25°29	7°44	10°25	3° 7	13°52	26°19	15° 5	8° 2	13°16	13°R32	14°48	24°15	n.a.	W26
T 27	1 55 21	27°48'50	7♌45	9° 2	11° 6	3°52	14° 5	26°26	15° 7	8° 1	13°15	13°32	14°45	24°22	n.a.	T 27
F 28	1 59 17	28°49'50	19°48	10°23	11°47	4°37	14°18	26°32	15° 8	8° 0	13°14	13°29	14°42	24°28	n.a.	F 28
S 29	2 3 14	29°50'52	1♍43	11°46	12°26	5°22	14°31	26°39	15° 9	7°59	13°12	13°25	14°39	24°35	n.a.	S 29
S 30	2 7 11	0♏51'54	13°34	13°10	13° 4	6° 6	14°44	26°45	15°11	7°58	13°11	13°18	14°35	24°42	n.a.	S 30
M31	2 11 7	1♏52'58	25♍26	14♎35	13♐41	6♑51	14♎57	26♏52	15♑12	7♓58	13♈10	13♊11	14♊32	24♍48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s37	18n24	4n38	5s41	1s52	21s13	3s46	24s51	2s 0	2s20	1n 6	17s44	1n18	23s30	0s34	10s 4	1s43	8s53	15s38	23n 0	23n 2	8n 8		n.a.
S 2	1 1	14 25	4 55	4 58	1 35	21 33	3 48	24 55	1 59	2 25	1 6	17 46	1 18	23 30	0 34	10 4	1 43	8 54	15 38	22 59	23 2	8 5		n.a.
M 3	1 25	9 54	5 0	4 11	1 16	21 52	3 51	25 0	1 59	2 30	1 6	17 47	1 18	23 30	0 34	10 5	1 43	8 54	15 38	22 57	23 1	8 2		n.a.
T 4	1 50	5 1	4 52	3 21	0 56	22 10	3 54	25 4	1 58	2 36	1 6	17 49	1 18	23 30	0 34	10 5	1 43	8 55	15 38	22 56	23 1	8 0		n.a.
W 5	2 14	0s 4	4 32	2 31	0 36	22 28	3 56	25 8	1 58	2 41	1 6	17 50	1 18	23 30	0 34	10 6	1 43	8 55	15 38	22 54	23 1	7 57		n.a.
T 6	2 38	5 11	3 59	1 41	0 15	22 45	3 59	25 11	1 57	2 46	1 6	17 52	1 18	23 30	0 34	10 6	1 43	8 56	15 38	22 53	23 0	7 54		n.a.
F 7	3 2	10 9	3 15	0 52	0n 5	23 2	4 1	25 14	1 57	2 52	1 6	17 53	1 17	23 30	0 34	10 7	1 43	8 56	15 38	22 52	23 0	7 51		n.a.
S 8	3 27	14 47	2 22	0 6	0 25	23 18	4 3	25 18	1 56	2 57	1 6	17 55	1 17	23 30	0 34	10 7	1 43	8 57	15 38	22 51	23 0	7 48		n.a.
S 9	3 51	18 52	1 21	0n35	0 44	23 34	4 5	25 20	1 55	3 2	1 6	17 56	1 17	23 30	0 34	10 8	1 43	8 57	15 38	22 50	22 59	7 46		n.a.
M10	4 15	22 12	0 16	1 11	1 2	23 49	4 7	25 23	1 55	3 8	1 6	17 58	1 17	23 30	0 34	10 8	1 43	8 57	15 38	22 50	22 59	7 43		n.a.
T 11	4 39	24 30	0s52	1 41	1 17	24 3	4 8	25 25	1 54	3 13	1 6	17 59	1 17	23 30	0 34	10 9	1 43	8 58	15 38	22 50	22 59	7 40		n.a.
W12	5 3	25 33	1 59	2 5	1 32	24 17	4 10	25 27	1 54	3 18	1 6	18 1	1 17	23 29	0 34	10 9	1 43	8 58	15 38	22 50	22 58	7 37		n.a.
T 13	5 27	25 9	3 1	2 22	1 44	24 30	4 11	25 29	1 53	3 24	1 6	18 2	1 17	23 29	0 34	10 10	1 43	8 59	15 38	22 50	22 58	7 34		n.a.
F 14	5 51	23 13	3 54	2 33	1 54	24 43	4 12	25 31	1 52	3 29	1 6	18 4	1 16	23 29	0 34	10 10	1 43	8 59	15 38	22 50	22 58	7 32		n.a.
S 15	6 14	19 47	4 35	2 38	2 3	24 55	4 13	25 32	1 52	3 34	1 6	18 5	1 16	23 29	0 34	10 11	1 43	8 59	15 38	22 50	22 57	7 29		n.a.
S 16	6 38	15 3	5 0	2 37	2 10	25 7	4 14	25 33	1 51	3 40	1 6	18 7	1 16	23 29	0 34	10 11	1 43	9 0	15 38	22 49	22 57	7 26		n.a.
M17	7 2	9 19	5 4	2 31	2 15	25 18	4 15	25 34	1 50	3 45	1 6	18 9	1 16	23 29	0 34	10 12	1 43	9 0	15 38	22 48	22 57	7 23		n.a.
T 18	7 25	2 57	4 47	2 20	2 19	25 28	4 15	25 34	1 50	3 50	1 6	18 10	1 16	23 29	0 34	10 12	1 43	9 1	15 38	22 47	22 56	7 20		n.a.
W19	7 48	3n36	4 10	2 5	2 21	25 37	4 15	25 34	1 49	3 56	1 6	18 12	1 16	23 29	0 34	10 12	1 43	9 1	15 38	22 46	22 56	7 18		n.a.
T 20	8 12	9 53	3 16	1 46	2 23	25 46	4 15	25 34	1 48	4 1	1 6	18 13	1 16	23 29	0 34	10 13	1 43	9 1	15 38	22 45	22 56	7 15		n.a.
F 21	8 35	15 30	2 10	1 24	2 23	25 55	4 15	25 34	1 48	4 6	1 6	18 15	1 15	23 28	0 34	10 13	1 43	9 2	15 38	22 44	22 55	7 12		n.a.
S 22	8 58	20 5	0 57	0 58	2 22	26 2	4 15	25 33	1 47	4 11	1 6	18 17	1 15	23 28	0 34	10 14	1 42	9 2	15 38	22 44	22 55	7 9		n.a.
S 23	9 21	23 22	0n17	0 30	2 20	26 9	4 14	25 32	1 46	4 17	1 6	18 18	1 15	23 28	0 34	10 14	1 42	9 2	15 38	22 44	22 54	7 6		n.a.
M24	9 43	25 14	1 28	0s 0	2 18	26 16	4 13	25 31	1 46	4 22	1 6	18 20	1 15	23 28	0 34	10 14	1 42	9 3	15 38	22 44	22 54	7 3		n.a.
T 25	10 6	25 39	2 32	0 32	2 15	26 22	4 12	25 30	1 45	4 27	1 6	18 21	1 15	23 28	0 34	10 15	1 42	9 3	15 38	22 44	22 54	7 1		n.a.
W26	10 28	24 43	3 27	1 6	2 11	26 27	4 11	25 28	1 44	4 32	1 6	18 23	1 15	23 28	0 34	10 15	1 42	9 3	15 37	22 44	22 53	6 58		n.a.
T 27	10 50	22 37	4 11	1 41	2 7	26 31	4 9	25 26	1 44	4 37	1 6	18 25	1 15	23 28	0 34	10 15	1 42	9 4	15 37	22 44	22 53	6 55		n.a.
F 28	11 12	19 32	4 43	2 18	2 2	26 35	4 7	25 24	1 43	4 42	1 6	18 26	1 15	23 27	0 34	10 16	1 42	9 4	15 37	22 44	22 53	6 52		n.a.
S 29	11 34	15 42	5 2	2 55	1 57	26 38	4 5	25 22	1 42	4 48	1 6	18 28	1 15	23 27	0 34	10 16	1 42	9 4	15 37	22 43	22 52	6 49		n.a.
S 30	11 56	11 17	5 9	3 33	1 52	26 41	4 2	25 19	1 41	4 53	1 6	18 30	1 14	23 27	0 34	10 16	1 42	9 5	15 37	22 43	22 52	6 46		n.a.
M31	12s17	6n27	5n 2	4s12	1n46	26s43	3s59	25s16	1s41	4s58	1n 6	18s31	1n14	23s27	0s34	10s16	1s42	9s 5	15s37	22n42	22n52	6n43		n.a.

Julian Day Number = 1500720.5, Delta T = 05h07m07s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'07, Lahiri = -12°18'07 Julian Calendar 1 Oct. 605 BCE == Greg. Calendar 24 Sept. 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

NOVEMBER 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 15 4	2♏54'03	7♎19	16♎ 2	14♐17	7♑36	15♎10	26♏58	15♑14	7°R57	13°R 9	13°R 2	14♊29	24♍55	n.a.	T 1
W 2	2 19 0	3°55'09	19°18	17°29	14°51	8°21	15°23	27° 5	15°15	7♓56	13♈ 8	12♊54	14°26	25° 2	n.a.	W 2
T 3	2 22 57	4°56'17	1♏23	18°58	15°24	9° 7	15°36	27°12	15°17	7°55	13° 7	12°48	14°23	25° 9	n.a.	T 3
F 4	2 26 53	5°57'25	13°36	20°27	15°55	9°52	15°49	27°18	15°19	7°54	13° 6	12°42	14°20	25°15	n.a.	F 4
S 5	2 30 50	6°58'34	25°57	21°56	16°25	10°37	16° 2	27°25	15°20	7°54	13° 5	12°39	14°16	25°22	n.a.	S 5
S 6	2 34 46	7°59'44	8♐28	23°26	16°53	11°22	16°15	27°32	15°22	7°53	13° 4	12°D38	14°13	25°29	n.a.	S 6
M 7	2 38 43	9° 0'54	21°11	24°56	17°19	12° 7	16°28	27°39	15°24	7°52	13° 3	12°38	14°10	25°36	n.a.	M 7
T 8	2 42 40	10° 2'05	4♑ 6	26°27	17°43	12°52	16°41	27°46	15°26	7°52	13° 2	12°39	14° 7	25°42	n.a.	T 8
W 9	2 46 36	11° 3'17	17°16	27°58	18° 6	13°37	16°54	27°52	15°28	7°51	13° 1	12°41	14° 4	25°49	n.a.	W 9
T 10	2 50 33	12° 4'29	0♒43	29°30	18°27	14°22	17° 6	27°59	15°30	7°51	13° 0	12°42	14° 0	25°56	n.a.	T 10
F 11	2 54 29	13° 5'41	14°28	1♏ 1	18°46	15° 7	17°19	28° 6	15°32	7°50	12°59	12°R43	13°57	26° 2	n.a.	F 11
S 12	2 58 26	14° 6'53	28°31	2°33	19° 3	15°52	17°32	28°13	15°34	7°50	12°58	12°42	13°54	26° 9	n.a.	S 12
S 13	3 2 22	15° 8'06	12♓52	4° 5	19°18	16°38	17°44	28°20	15°36	7°49	12°57	12°40	13°51	26°16	n.a.	S 13
M14	3 6 19	16° 9'19	27°29	5°37	19°30	17°23	17°57	28°27	15°38	7°49	12°56	12°36	13°48	26°23	n.a.	M14
T 15	3 10 16	17°10'32	12♈15	7°10	19°41	18° 8	18°10	28°34	15°40	7°49	12°55	12°33	13°45	26°29	n.a.	T 15
W16	3 14 12	18°11'45	27° 4	8°42	19°49	18°53	18°22	28°41	15°42	7°48	12°54	12°29	13°41	26°36	n.a.	W16
T 17	3 18 9	19°12'59	11♉49	10°15	19°54	19°38	18°34	28°48	15°44	7°48	12°54	12°26	13°38	26°43	n.a.	T 17
F 18	3 22 5	20°14'13	26°21	11°48	19°58	20°23	18°47	28°55	15°47	7°48	12°53	12°24	13°35	26°49	n.a.	F 18
S 19	3 26 2	21°15'28	10♊34	13°21	19°R59	21° 8	18°59	29° 2	15°49	7°48	12°52	12°D24	13°32	26°56	n.a.	S 19
S 20	3 29 58	22°16'43	24°25	14°55	19°57	21°53	19°11	29° 9	15°51	7°47	12°51	12°24	13°29	27° 3	n.a.	S 20
M21	3 33 55	23°17'58	7♋51	16°28	19°53	22°38	19°24	29°16	15°54	7°47	12°50	12°25	13°26	27°10	n.a.	M21
T 22	3 37 51	24°19'14	20°52	18° 2	19°46	23°24	19°36	29°23	15°56	7°47	12°49	12°27	13°22	27°16	n.a.	T 22
W23	3 41 48	25°20'30	3♌31	19°36	19°37	24° 9	19°48	29°30	15°59	7°47	12°48	12°28	13°19	27°23	n.a.	W23
T 24	3 45 45	26°21'46	15°52	21°11	19°26	24°54	20° 0	29°37	16° 1	7°47	12°48	12°29	13°16	27°30	n.a.	T 24
F 25	3 49 41	27°23'03	27°58	22°45	19°12	25°39	20°12	29°44	16° 4	7°D47	12°47	12°R29	13°13	27°37	n.a.	F 25
S 26	3 53 38	28°24'20	9♍55	24°20	18°55	26°24	20°24	29°51	16° 6	7°47	12°46	12°29	13°10	27°43	n.a.	S 26
S 27	3 57 34	29°25'37	21°47	25°55	18°36	27° 9	20°36	29°58	16° 9	7°47	12°45	12°28	13° 6	27°50	n.a.	S 27
M28	4 1 31	0♐26'55	3♎39	27°31	18°15	27°54	20°47	0♐ 5	16°12	7°47	12°45	12°26	13° 3	27°57	n.a.	M28
T 29	4 5 27	1°28'12	15°35	29° 6	17°52	28°39	20°59	0°12	16°14	7°47	12°44	12°25	13° 0	28° 3	n.a.	T 29
W30	4 9 24	2♐29'30	27♎37	0♐43	17♐26	29♑24	21♎11	0♐19	16♑17	7♓47	12♈43	12♊23	12♊57	28♍10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s39	1n21	4n42	4s51	1n40	26s44	3s56	25s13	1s40	5s 3	1n 6	18s33	1n14	23s27	0s34	10s17	1s42	9s 5	15s37	22n41	22n51	6n41		n.a.
W 2	13 0	3s49	4 9	5 31	1 34	26 45	3 53	25 9	1 39	5 8	1 6	18 35	1 14	23 26	0 34	10 17	1 42	9 6	15 37	22 40	22 51	6 38		n.a.
T 3	13 21	8 55	3 25	6 11	1 28	26 45	3 49	25 5	1 38	5 13	1 6	18 36	1 14	23 26	0 34	10 17	1 42	9 6	15 36	22 39	22 50	6 35		n.a.
F 4	13 41	13 44	2 31	6 51	1 21	26 44	3 45	25 1	1 38	5 18	1 6	18 38	1 14	23 26	0 34	10 17	1 42	9 6	15 36	22 38	22 50	6 32		n.a.
S 5	14 2	18 3	1 30	7 31	1 14	26 43	3 40	24 57	1 37	5 23	1 6	18 39	1 14	23 26	0 34	10 18	1 42	9 6	15 36	22 38	22 50	6 29		n.a.
S 6	14 22	21 39	0 23	8 11	1 8	26 41	3 36	24 52	1 36	5 28	1 6	18 41	1 14	23 26	0 34	10 18	1 42	9 7	15 36	22 37	22 49	6 26		n.a.
M 7	14 42	24 15	0s47	8 51	1 1	26 39	3 30	24 47	1 35	5 33	1 6	18 43	1 14	23 25	0 34	10 18	1 42	9 7	15 36	22 37	22 49	6 23		n.a.
T 8	15 2	25 37	1 55	9 30	0 54	26 35	3 25	24 42	1 35	5 38	1 6	18 44	1 13	23 25	0 34	10 18	1 42	9 7	15 36	22 38	22 49	6 21		n.a.
W 9	15 21	25 35	2 58	10 10	0 47	26 32	3 19	24 37	1 34	5 43	1 6	18 46	1 13	23 25	0 34	10 18	1 42	9 7	15 35	22 38	22 48	6 18		n.a.
T 10	15 40	24 4	3 53	10 49	0 40	26 27	3 12	24 31	1 33	5 48	1 6	18 48	1 13	23 25	0 33	10 19	1 42	9 8	15 35	22 38	22 48	6 15		n.a.
F 11	15 59	21 7	4 36	11 28	0 33	26 22	3 6	24 26	1 32	5 53	1 6	18 49	1 13	23 24	0 33	10 19	1 42	9 8	15 35	22 38	22 47	6 12		n.a.
S 12	16 18	16 53	5 4	12 7	0 26	26 16	2 58	24 19	1 32	5 58	1 6	18 51	1 13	23 24	0 33	10 19	1 42	9 8	15 35	22 38	22 47	6 9		n.a.
S 13	16 36	11 37	5 13	12 45	0 19	26 10	2 51	24 13	1 31	6 3	1 6	18 53	1 13	23 24	0 33	10 19	1 42	9 8	15 35	22 38	22 47	6 6		n.a.
M14	16 54	5 38	5 3	13 23	0 12	26 3	2 42	24 6	1 30	6 7	1 6	18 54	1 13	23 24	0 33	10 19	1 41	9 8	15 35	22 37	22 46	6 3		n.a.
T 15	17 12	0n44	4 33	14 0	0 6	25 55	2 34	24 0	1 29	6 12	1 6	18 56	1 13	23 23	0 33	10 19	1 41	9 8	15 34	22 37	22 46	6 0		n.a.
W16	17 29	7 6	3 44	14 37	0s 1	25 47	2 25	23 53	1 28	6 17	1 6	18 57	1 13	23 23	0 33	10 19	1 41	9 9	15 34	22 36	22 45	5 58		n.a.
T 17	17 46	13 3	2 40	15 13	0 8	25 37	2 15	23 45	1 28	6 22	1 6	18 59	1 13	23 23	0 33	10 19	1 41	9 9	15 34	22 36	22 45	5 55		n.a.
F 18	18 3	18 12	1 27	15 49	0 15	25 28	2 5	23 38	1 27	6 26	1 6	19 1	1 13	23 22	0 33	10 19	1 41	9 9	15 34	22 36	22 45	5 52		n.a.
S 19	18 19	22 10	0 10	16 24	0 21	25 17	1 55	23 30	1 26	6 31	1 6	19 2	1 13	23 22	0 33	10 19	1 41	9 9	15 33	22 36	22 44	5 49		n.a.
S 20	18 35	24 45	1n 6	16 58	0 28	25 6	1 44	23 22	1 25	6 36	1 6	19 4	1 12	23 22	0 33	10 19	1 41	9 9	15 33	22 36	22 44	5 46		n.a.
M21	18 51	25 48	2 16	17 32	0 34	24 54	1 32	23 13	1 24	6 40	1 6	19 6	1 12	23 22	0 33	10 20	1 41	9 9	15 33	22 36	22 43	5 43		n.a.
T 22	19 7	25 22	3 17	18 5	0 40	24 42	1 20	23 5	1 23	6 45	1 6	19 7	1 12	23 21	0 33	10 20	1 41	9 9	15 33	22 36	22 43	5 40		n.a.
W23	19 22	23 37	4 6	18 37	0 46	24 29	1 8	22 56	1 23	6 50	1 6	19 9	1 12	23 21	0 33	10 19	1 41	9 9	15 32	22 36	22 43	5 37		n.a.
T 24	19 36	20 47	4 43	19 8	0 52	24 15	0 55	22 47	1 22	6 54	1 6	19 10	1 12	23 21	0 33	10 19	1 41	9 9	15 32	22 36	22 42	5 34		n.a.
F 25	19 51	17 7	5 6	19 39	0 58	24 1	0 42	22 38	1 21	6 59	1 6	19 12	1 12	23 20	0 33	10 19	1 41	9 10	15 32	22 36	22 42	5 31		n.a.
S 26	20 5	12 49	5 16	20 9	1 4	23 46	0 28	22 28	1 20	7 3	1 6	19 13	1 12	23 20	0 33	10 19	1 41	9 10	15 32	22 36	22 41	5 29		n.a.
S 27	20 18	8 4	5 12	20 37	1 9	23 30	0 14	22 19	1 19	7 8	1 6	19 15	1 12	23 20	0 33	10 19	1 41	9 10	15 31	22 36	22 41	5 26		n.a.
M28	20 31	3 2	4 55	21 5	1 14	23 14	0n 1	22 9	1 19	7 12	1 7	19 17	1 12	23 19	0 33	10 19	1 41	9 10	15 31	22 36	22 41	5 23		n.a.
T 29	20 44	2s 9	4 25	21 32	1 20	22 57	0 15	21 59	1 18	7 16	1 7	19 18	1 12	23 19	0 33	10 19	1 41	9 10	15 31	22 36	22 40	5 20		n.a.
W30	20s57	7s18	3n43	21s57	1s24	22s40	0n30	21s49	1s17	7s21	1n 7	19s20	1n12	23s19	0s33	10s19	1s41	9s10	15s31	22n35	22n40	5n17		n.a.

Julian Day Number = 1500751.5, Delta T = 05h07m06s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°25'03, Lahiri = -12°18'03 Julian Calendar 1 Nov. 605 BCE == Greg. Calendar 25 Oct. 605 BCE

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ASTRODIENST EPHEMERIS for the year 605 BCE
geocentric

DECEMBER 605 BCE (-604) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 13 20	3♐30'47	9♏50	2♐19	16°R59	0♒ 9	21♎22	0♐26	16♑20	7♓47	12°R43	12°R22	12♊54	28♍17	n.a.	T 1
F 2	4 17 17	4°32'05	22°15	3°56	16♐29	0°54	21°34	0°33	16°22	7°48	12♈42	12♊21	12°51	28°24	n.a.	F 2
S 3	4 21 14	5°33'22	4♐52	5°33	15°58	1°39	21°45	0°40	16°25	7°48	12°41	12°20	12°47	28°30	n.a.	S 3
S 4	4 25 10	6°34'40	17°44	7°11	15°26	2°24	21°56	0°47	16°28	7°48	12°41	12°D20	12°44	28°37	n.a.	S 4
M 5	4 29 7	7°35'57	0♑49	8°49	14°52	3° 9	22° 8	0°54	16°31	7°49	12°40	12°21	12°41	28°44	n.a.	M 5
T 6	4 33 3	8°37'13	14° 8	10°27	14°17	3°54	22°19	1° 1	16°34	7°49	12°40	12°21	12°38	28°50	n.a.	T 6
W 7	4 37 0	9°38'29	27°39	12° 6	13°41	4°39	22°30	1° 8	16°37	7°49	12°39	12°21	12°35	28°57	n.a.	W 7
T 8	4 40 56	10°39'44	11♒21	13°45	13° 5	5°24	22°41	1°15	16°40	7°50	12°38	12°22	12°32	29° 4	n.a.	T 8
F 9	4 44 53	11°40'58	25°15	15°25	12°28	6° 9	22°52	1°22	16°43	7°50	12°38	12°22	12°28	29°11	n.a.	F 9
S 10	4 48 50	12°42'12	9♓17	17° 5	11°51	6°53	23° 3	1°29	16°46	7°51	12°37	12°22	12°25	29°17	n.a.	S 10
S 11	4 52 46	13°43'24	23°28	18°46	11°14	7°38	23°13	1°36	16°49	7°51	12°37	12°22	12°22	29°24	n.a.	S 11
M12	4 56 43	14°44'36	7♈44	20°27	10°38	8°23	23°24	1°43	16°52	7°52	12°36	12°22	12°19	29°31	n.a.	M12
T 13	5 0 39	15°45'46	22° 3	22° 8	10° 2	9° 8	23°35	1°50	16°55	7°52	12°36	12°22	12°16	29°37	n.a.	T 13
W14	5 4 36	16°46'56	6♉23	23°50	9°27	9°53	23°45	1°57	16°58	7°53	12°36	12°22	12°12	29°44	n.a.	W14
T 15	5 8 32	17°48'05	20°37	25°32	8°54	10°37	23°55	2° 4	17° 1	7°54	12°35	12°23	12° 9	29°51	n.a.	T 15
F 16	5 12 29	18°49'13	4♊43	27°14	8°22	11°22	24° 6	2°11	17° 4	7°55	12°35	12°23	12° 6	29°58	n.a.	F 16
S 17	5 16 25	19°50'20	18°37	28°56	7°51	12° 7	24°16	2°17	17° 7	7°55	12°34	12°R23	12° 3	0♎ 4	n.a.	S 17
S 18	5 20 22	20°51'27	2♋14	0♑39	7°22	12°51	24°26	2°24	17°11	7°56	12°34	12°23	12° 0	0°11	n.a.	S 18
M19	5 24 19	21°52'32	15°33	2°22	6°55	13°36	24°36	2°31	17°14	7°57	12°34	12°22	11°57	0°18	n.a.	M19
T 20	5 28 15	22°53'37	28°33	4° 4	6°30	14°21	24°46	2°38	17°17	7°58	12°33	12°21	11°53	0°25	n.a.	T 20
W21	5 32 12	23°54'41	11♌13	5°46	6° 8	15° 5	24°55	2°45	17°20	7°59	12°33	12°19	11°50	0°31	n.a.	W21
T 22	5 36 8	24°55'44	23°37	7°28	5°47	15°50	25° 5	2°51	17°23	7°59	12°33	12°17	11°47	0°38	n.a.	T 22
F 23	5 40 5	25°56'47	5♍46	9°10	5°29	16°34	25°15	2°58	17°27	8° 0	12°33	12°16	11°44	0°45	n.a.	F 23
S 24	5 44 1	26°57'48	17°45	10°50	5°14	17°19	25°24	3° 5	17°30	8° 1	12°33	12°15	11°41	0°51	n.a.	S 24
S 25	5 47 58	27°58'49	29°38	12°29	5° 1	18° 3	25°33	3°11	17°33	8° 2	12°32	12°D15	11°38	0°58	n.a.	S 25
M26	5 51 55	28°59'48	11♎30	14° 7	4°50	18°48	25°43	3°18	17°37	8° 3	12°32	12°15	11°34	1° 5	n.a.	M26
T 27	5 55 51	0♑ 0'47	23°26	15°43	4°42	19°32	25°52	3°24	17°40	8° 5	12°32	12°16	11°31	1°12	n.a.	T 27
W28	5 59 48	1° 1'45	5♏30	17°17	4°36	20°16	26° 1	3°31	17°43	8° 6	12°32	12°18	11°28	1°18	n.a.	W28
T 29	6 3 44	2° 2'42	17°47	18°48	4°33	21° 1	26°10	3°37	17°47	8° 7	12°32	12°19	11°25	1°25	n.a.	T 29
F 30	6 7 41	3° 3'38	0♐19	20°16	4°D33	21°45	26°18	3°44	17°50	8° 8	12°32	12°21	11°22	1°32	n.a.	F 30
S 31	6 11 37	4♑ 4'33	13♐10	21♑40	4♐34	22♒29	26♎27	3♐50	17♑54	8♓ 9	12♈32	12°R21	11♊18	1♎38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		
T 1	21s 9	12s16	2n51	22s22	1s29	22s22	0n46	21s38	1s16	7s25	1n 7	19s21	1n12	23s18	0s33	10s19	1s41	9s10	15s30	22n35	22n39	5n14			n.a.
F 2	21 20	16 50	1 49	22 45	1 34	22 4	1 1	21 27	1 15	7 29	1 7	19 23	1 12	23 18	0 33	10 19	1 41	9 10	15 30	22 35	22 39	5 11			n.a.
S 3	21 32	20 44	0 41	23 8	1 38	21 45	1 16	21 16	1 14	7 34	1 7	19 24	1 12	23 17	0 33	10 19	1 41	9 10	15 30	22 35	22 39	5 8			n.a.
S 4	21 42	23 41	0s30	23 29	1 42	21 26	1 32	21 5	1 14	7 38	1 7	19 26	1 12	23 17	0 33	10 18	1 40	9 10	15 30	22 35	22 38	5 5			n.a.
M 5	21 53	25 27	1 41	23 48	1 45	21 7	1 48	20 54	1 13	7 42	1 7	19 27	1 11	23 17	0 33	10 18	1 40	9 10	15 29	22 35	22 38	5 2			n.a.
T 6	22 3	25 47	2 47	24 7	1 49	20 48	2 3	20 43	1 12	7 46	1 7	19 29	1 11	23 16	0 33	10 18	1 40	9 10	15 29	22 35	22 37	4 59			n.a.
W 7	22 12	24 36	3 46	24 24	1 52	20 28	2 18	20 31	1 11	7 50	1 7	19 30	1 11	23 16	0 33	10 18	1 40	9 10	15 29	22 35	22 37	4 56			n.a.
T 8	22 21	21 58	4 32	24 40	1 55	20 9	2 34	20 19	1 10	7 54	1 7	19 32	1 11	23 16	0 33	10 18	1 40	9 9	15 28	22 35	22 37	4 53			n.a.
F 9	22 30	18 2	5 3	24 54	1 57	19 49	2 48	20 7	1 9	7 58	1 7	19 33	1 11	23 15	0 33	10 17	1 40	9 9	15 28	22 35	22 36	4 51			n.a.
S 10	22 38	13 4	5 17	25 6	1 59	19 30	3 3	19 55	1 9	8 2	1 7	19 35	1 11	23 15	0 33	10 17	1 40	9 9	15 28	22 35	22 36	4 48			n.a.
S 11	22 46	7 23	5 11	25 18	2 1	19 11	3 17	19 42	1 8	8 6	1 7	19 36	1 11	23 14	0 33	10 17	1 40	9 9	15 27	22 35	22 35	4 45			n.a.
M12	22 53	1 16	4 47	25 27	2 2	18 52	3 31	19 30	1 7	8 10	1 8	19 38	1 11	23 14	0 33	10 17	1 40	9 9	15 27	22 35	22 35	4 42			n.a.
T 13	23 0	4n56	4 4	25 35	2 3	18 34	3 44	19 17	1 6	8 14	1 8	19 39	1 11	23 14	0 33	10 16	1 40	9 9	15 27	22 35	22 34	4 39			n.a.
W14	23 6	10 54	3 7	25 41	2 4	18 16	3 57	19 4	1 5	8 18	1 8	19 41	1 11	23 13	0 33	10 16	1 40	9 9	15 27	22 35	22 34	4 36			n.a.
T 15	23 12	16 16	1 58	25 45	2 4	17 59	4 9	18 51	1 4	8 21	1 8	19 42	1 11	23 13	0 33	10 16	1 40	9 9	15 26	22 35	22 34	4 33			n.a.
F 16	23 17	20 41	0 42	25 47	2 3	17 43	4 20	18 37	1 4	8 25	1 8	19 43	1 11	23 12	0 33	10 16	1 40	9 9	15 26	22 35	22 33	4 30			n.a.
S 17	23 22	23 51	0n34	25 48	2 2	17 28	4 31	18 24	1 3	8 29	1 8	19 45	1 11	23 12	0 33	10 15	1 40	9 8	15 26	22 35	22 33	4 27			n.a.
S 18	23 27	25 33	1 48	25 46	2 0	17 13	4 41	18 10	1 2	8 33	1 8	19 46	1 11	23 12	0 33	10 15	1 40	9 8	15 25	22 35	22 32	4 24			n.a.
M19	23 31	25 43	2 54	25 43	1 58	16 59	4 51	17 57	1 1	8 36	1 8	19 48	1 11	23 11	0 33	10 15	1 40	9 8	15 25	22 35	22 32	4 21			n.a.
T 20	23 34	24 28	3 49	25 38	1 56	16 46	4 59	17 43	1 0	8 40	1 8	19 49	1 11	23 11	0 33	10 14	1 40	9 8	15 25	22 35	22 31	4 18			n.a.
W21	23 38	21 59	4 31	25 30	1 52	16 35	5 8	17 29	0 59	8 43	1 8	19 50	1 11	23 10	0 33	10 14	1 40	9 8	15 24	22 35	22 31	4 15			n.a.
T 22	23 40	18 32	5 0	25 21	1 48	16 24	5 15	17 14	0 58	8 47	1 9	19 52	1 11	23 10	0 33	10 13	1 40	9 7	15 24	22 35	22 31	4 12			n.a.
F 23	23 42	14 22	5 14	25 10	1 43	16 14	5 22	17 0	0 58	8 50	1 9	19 53	1 11	23 9	0 33	10 13	1 40	9 7	15 24	22 34	22 30	4 9			n.a.
S 24	23 44	9 43	5 15	24 57	1 38	16 6	5 28	16 46	0 57	8 53	1 9	19 54	1 11	23 9	0 33	10 13	1 39	9 7	15 23	22 34	22 30	4 6			n.a.
S 25	23 45	4 45	5 2	24 41	1 31	15 58	5 33	16 31	0 56	8 57	1 9	19 56	1 11	23 9	0 33	10 12	1 39	9 7	15 23	22 34	22 29	4 3			n.a.
M26	23 46	0s23	4 36	24 24	1 24	15 51	5 38	16 16	0 55	9 0	1 9	19 57	1 11	23 8	0 33	10 12	1 39	9 7	15 23	22 34	22 29	4 0			n.a.
T 27	23 46	5 32	3 58	24 6	1 16	15 46	5 42	16 1	0 54	9 3	1 9	19 58	1 11	23 8	0 33	10 11	1 39	9 6	15 22	22 35	22 28	3 57			n.a.
W28	23 46	10 34	3 10	23 45	1 8	15 41	5 45	15 46	0 53	9 7	1 9	19 59	1 11	23 7	0 33	10 11	1 39	9 6	15 22	22 35	22 28	3 54			n.a.
T 29	23 45	15 16	2 11	23 23	0 58	15 38	5 48	15 31	0 53	9 10	1 9	20 1	1 11	23 7	0 33	10 10	1 39	9 6	15 22	22 35	22 28	3 51			n.a.
F 30	23 44	19 25	1 6	23 0	0 47	15 36	5 51	15 16	0 52	9 13	1 9	20 2	1 11	23 6	0 33	10 10	1 39	9 6	15 21	22 35	22 27	3 48			n.a.
S 31	23s42	22s46	0s 4	22s35	0s36	15s34	5n53	15s 0	0s51	9s16	1n10	20s 3	1n11	23s 6	0s33	10s 9	1s39	9s 5	15s21	22n35	22n27	3n45			n.a.

Julian Day Number = 1500781.5, Delta T = 05h07m05s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'59, Lahiri = -12°17'58 Julian Calendar 1 Dec. 605 BCE == Greg. Calendar 24 Nov. 605 BCE

The year -604 astronomical counting style corresponds to year 605 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

JANUARY 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 15 34	5♉ 5'27	26♐20	22♉59	4♐39	23♒14	26♎35	3♐57	17♉57	8♓10	12°R32	12°R20	11♊15	1♎45	n.a.	S 1
M 2	6 19 30	6° 6'20	9♉49	24°13	4°45	23°58	26°44	4° 3	18° 0	8°12	12°D32	12♊18	11°12	1°52	n.a.	M 2
T 3	6 23 27	7° 7'11	23°35	25°21	4°54	24°42	26°52	4° 9	18° 4	8°13	12♈32	12°15	11° 9	1°59	n.a.	T 3
W 4	6 27 24	8° 8'00	7♒35	26°22	5° 5	25°26	27° 0	4°16	18° 7	8°14	12°32	12°12	11° 6	2° 5	n.a.	W 4
T 5	6 31 20	9° 8'48	21°45	27°16	5°18	26°10	27° 8	4°22	18°11	8°15	12°32	12° 7	11° 3	2°12	n.a.	T 5
F 6	6 35 17	10° 9'34	6♓ 1	28° 1	5°33	26°54	27°16	4°28	18°14	8°17	12°32	12° 4	10°59	2°19	n.a.	F 6
S 7	6 39 13	11°10'19	20°17	28°38	5°51	27°39	27°24	4°34	18°18	8°18	12°32	12° 1	10°56	2°25	n.a.	S 7
S 8	6 43 10	12°11'01	4♈31	29° 4	6°10	28°23	27°31	4°40	18°21	8°20	12°32	11°59	10°53	2°32	n.a.	S 8
M 9	6 47 6	13°11'42	18°41	29°21	6°31	29° 7	27°39	4°46	18°24	8°21	12°32	11°D59	10°50	2°39	n.a.	M 9
T 10	6 51 3	14°12'21	2♉44	29°R27	6°54	29°50	27°46	4°52	18°28	8°23	12°32	12° 0	10°47	2°46	n.a.	T 10
W11	6 54 59	15°12'58	16°39	29°23	7°19	0♓34	27°53	4°58	18°31	8°24	12°32	12° 2	10°44	2°52	n.a.	W11
T 12	6 58 56	16°13'33	0♊25	29° 7	7°45	1°18	28° 0	5° 4	18°35	8°26	12°33	12° 3	10°40	2°59	n.a.	T 12
F 13	7 2 53	17°14'06	14° 2	28°42	8°14	2° 2	28° 7	5°10	18°38	8°27	12°33	12°R 4	10°37	3° 6	n.a.	F 13
S 14	7 6 49	18°14'37	27°29	28° 7	8°43	2°46	28°13	5°16	18°42	8°29	12°33	12° 3	10°34	3°12	n.a.	S 14
S 15	7 10 46	19°15'07	10♋44	27°24	9°15	3°30	28°20	5°22	18°45	8°30	12°33	12° 0	10°31	3°19	n.a.	S 15
M16	7 14 42	20°15'35	23°46	26°33	9°47	4°13	28°26	5°27	18°49	8°32	12°34	11°55	10°28	3°26	n.a.	M16
T 17	7 18 39	21°16'01	6♌34	25°35	10°22	4°57	28°33	5°33	18°52	8°34	12°34	11°48	10°24	3°33	n.a.	T 17
W18	7 22 35	22°16'25	19° 7	24°33	10°57	5°41	28°39	5°38	18°56	8°35	12°34	11°41	10°21	3°39	n.a.	W18
T 19	7 26 32	23°16'48	1♍28	23°28	11°34	6°24	28°45	5°44	18°59	8°37	12°35	11°33	10°18	3°46	n.a.	T 19
F 20	7 30 29	24°17'09	13°36	22°22	12°12	7° 8	28°51	5°49	19° 3	8°39	12°35	11°26	10°15	3°53	n.a.	F 20
S 21	7 34 25	25°17'28	25°35	21°16	12°51	7°51	28°56	5°55	19° 6	8°40	12°35	11°20	10°12	3°59	n.a.	S 21
S 22	7 38 22	26°17'45	7♎28	20°12	13°32	8°35	29° 2	6° 0	19°10	8°42	12°36	11°16	10° 9	4° 6	n.a.	S 22
M23	7 42 18	27°18'01	19°19	19°12	14°13	9°18	29° 7	6° 5	19°13	8°44	12°36	11°14	10° 5	4°13	n.a.	M23
T 24	7 46 15	28°18'16	1♏13	18°16	14°56	10° 2	29°12	6°11	19°16	8°46	12°37	11°D13	10° 2	4°20	n.a.	T 24
W25	7 50 11	29°18'28	13°15	17°25	15°40	10°45	29°17	6°16	19°20	8°48	12°37	11°14	9°59	4°26	n.a.	W25
T 26	7 54 8	0♒18'39	25°31	16°41	16°25	11°28	29°22	6°21	19°23	8°50	12°38	11°16	9°56	4°33	n.a.	T 26
F 27	7 58 4	1°18'49	8♐ 5	16° 3	17°10	12°12	29°27	6°26	19°27	8°51	12°38	11°R17	9°53	4°40	n.a.	F 27
S 28	8 2 1	2°18'56	21° 1	15°32	17°57	12°55	29°31	6°31	19°30	8°53	12°39	11°16	9°50	4°46	n.a.	S 28
S 29	8 5 57	3°19'02	4♉21	15° 8	18°44	13°38	29°35	6°36	19°34	8°55	12°39	11°14	9°46	4°53	n.a.	S 29
M30	8 9 54	4°19'06	18° 6	14°50	19°32	14°21	29°40	6°41	19°37	8°57	12°40	11° 9	9°43	5° 0	n.a.	M30
T 31	8 13 51	5♒19'09	2♒15	14♉40	20♐21	15♓ 4	29♎44	6♐45	19♉40	8♓59	12♈41	11♊ 2	9♊40	5♎ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s40	24s59	1s16	22s10	0s23	15s33	5n54	14s45	0s50	9s19	1n10	20s 4	1n11	23s 5	0s33	10s 9	1s39	9s 5	15s21	22n35	22n26	3n42			n.a.
M 2	23 38	25 49	2 25	21 44	0 10	15 34	5 55	14 29	0 49	9 22	1 10	20 5	1 11	23 5	0 33	10 8	1 39	9 5	15 20	22 35	22 26	3 39			n.a.
T 3	23 34	25 5	3 27	21 17	0n 4	15 35	5 56	14 14	0 48	9 25	1 10	20 7	1 11	23 4	0 33	10 8	1 39	9 4	15 20	22 34	22 25	3 36			n.a.
W 4	23 31	22 46	4 18	20 51	0 19	15 37	5 56	13 58	0 48	9 27	1 10	20 8	1 11	23 4	0 33	10 7	1 39	9 4	15 20	22 34	22 25	3 33			n.a.
T 5	23 27	19 4	4 54	20 25	0 35	15 39	5 55	13 42	0 47	9 30	1 10	20 9	1 11	23 4	0 33	10 7	1 39	9 4	15 19	22 33	22 24	3 30			n.a.
F 6	23 22	14 14	5 11	20 0	0 51	15 43	5 54	13 26	0 46	9 33	1 10	20 10	1 11	23 3	0 33	10 6	1 39	9 3	15 19	22 33	22 24	3 27			n.a.
S 7	23 17	8 38	5 10	19 37	1 8	15 47	5 53	13 10	0 45	9 36	1 10	20 11	1 11	23 3	0 33	10 6	1 39	9 3	15 19	22 32	22 24	3 24			n.a.
S 8	23 12	2 36	4 49	19 14	1 25	15 51	5 52	12 54	0 44	9 38	1 11	20 12	1 11	23 2	0 33	10 5	1 39	9 3	15 18	22 32	22 23	3 21			n.a.
M 9	23 6	3n33	4 11	18 54	1 42	15 57	5 50	12 37	0 44	9 41	1 11	20 14	1 11	23 2	0 33	10 4	1 39	9 2	15 18	22 32	22 23	3 18			n.a.
T 10	23 0	9 29	3 18	18 36	2 0	16 3	5 48	12 21	0 43	9 43	1 11	20 15	1 11	23 1	0 33	10 4	1 39	9 2	15 17	22 32	22 22	3 15			n.a.
W11	22 53	14 54	2 14	18 20	2 17	16 9	5 46	12 4	0 42	9 46	1 11	20 16	1 11	23 1	0 33	10 3	1 39	9 1	15 17	22 33	22 22	3 12			n.a.
T 12	22 46	19 29	1 3	18 7	2 33	16 16	5 43	11 48	0 41	9 48	1 11	20 17	1 11	23 0	0 33	10 3	1 39	9 1	15 17	22 33	22 21	3 9			n.a.
F 13	22 38	22 59	0n11	17 57	2 48	16 23	5 40	11 31	0 40	9 50	1 11	20 18	1 11	23 0	0 33	10 2	1 39	9 1	15 16	22 33	22 21	3 6			n.a.
S 14	22 30	25 8	1 23	17 50	3 3	16 31	5 37	11 15	0 39	9 53	1 11	20 19	1 11	22 59	0 33	10 1	1 39	9 0	15 16	22 33	22 20	3 3			n.a.
S 15	22 22	25 49	2 30	17 46	3 16	16 39	5 34	10 58	0 39	9 55	1 12	20 20	1 11	22 59	0 33	10 1	1 39	9 0	15 16	22 32	22 20	3 0			n.a.
M16	22 13	25 3	3 27	17 45	3 27	16 47	5 30	10 41	0 38	9 57	1 12	20 21	1 11	22 58	0 33	10 0	1 39	8 59	15 15	22 32	22 19	2 57			n.a.
T 17	22 4	22 58	4 13	17 47	3 36	16 55	5 26	10 24	0 37	9 59	1 12	20 22	1 11	22 58	0 33	9 59	1 38	8 59	15 15	22 31	22 19	2 54			n.a.
W18	21 54	19 48	4 45	17 51	3 43	17 4	5 23	10 7	0 36	10 1	1 12	20 23	1 11	22 57	0 33	9 59	1 38	8 59	15 15	22 30	22 18	2 51			n.a.
T 19	21 44	15 49	5 4	17 57	3 48	17 13	5 18	9 50	0 35	10 3	1 12	20 24	1 11	22 57	0 33	9 58	1 38	8 58	15 14	22 29	22 18	2 48			n.a.
F 20	21 33	11 16	5 8	18 5	3 51	17 22	5 14	9 33	0 35	10 5	1 12	20 25	1 11	22 56	0 33	9 57	1 38	8 58	15 14	22 28	22 18	2 45			n.a.
S 21	21 22	6 21	4 59	18 15	3 51	17 32	5 10	9 16	0 34	10 7	1 12	20 26	1 11	22 56	0 33	9 57	1 38	8 57	15 14	22 27	22 17	2 42			n.a.
S 22	21 11	1 14	4 37	18 26	3 50	17 41	5 5	8 58	0 33	10 9	1 13	20 27	1 11	22 55	0 33	9 56	1 38	8 57	15 13	22 26	22 17	2 39			n.a.
M23	20 59	3s55	4 3	18 39	3 46	17 51	5 1	8 41	0 32	10 11	1 13	20 28	1 11	22 55	0 33	9 55	1 38	8 56	15 13	22 26	22 16	2 36			n.a.
T 24	20 47	8 57	3 19	18 52	3 40	18 0	4 56	8 24	0 32	10 12	1 13	20 28	1 11	22 54	0 33	9 55	1 38	8 56	15 13	22 26	22 16	2 33			n.a.
W25	20 35	13 44	2 25	19 6	3 33	18 10	4 51	8 7	0 31	10 14	1 13	20 29	1 11	22 54	0 33	9 54	1 38	8 55	15 12	22 26	22 15	2 30			n.a.
T 26	20 22	18 3	1 24	19 20	3 24	18 19	4 46	7 49	0 30	10 16	1 13	20 30	1 11	22 53	0 33	9 53	1 38	8 55	15 12	22 26	22 15	2 27			n.a.
F 27	20 8	21 40	0 17	19 34	3 14	18 29	4 41	7 32	0 29	10 17	1 13	20 31	1 11	22 53	0 33	9 52	1 38	8 54	15 12	22 26	22 14	2 24			n.a.
S 28	19 55	24 20	0s52	19 49	3 3	18 38	4 36	7 14	0 28	10 19	1 13	20 32	1 11	22 52	0 33	9 52	1 38	8 54	15 11	22 26	22 14	2 21			n.a.
S 29	19 41	25 42	2 1	20 3	2 52	18 48	4 30	6 57	0 28	10 20	1 14	20 33	1 11	22 52	0 33	9 51	1 38	8 53	15 11	22 26	22 13	2 18			n.a.
M30	19 27	25 34	3 4	20 17	2 40	18 57	4 25	6 39	0 27	10 21	1 14	20 33	1 11	22 51	0 33	9 50	1 38	8 53	15 11	22 25	22 13	2 15			n.a.
T 31	19s12	23s48	3s58	20s31	2n27	19s 6	4n20	6s22	0s26	10s23	1n14	20s34	1n11	22s51	0s33	9s49	1s38	8s52	15s11	22n24	22n12	2n12			n.a.

Julian Day Number = 1500812.5, Delta T = 05h07m03s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'55, Lahiri = -12°17'54 Julian Calendar 1 Jan. 604 BCE == Greg. Calendar 25 Dec. 605 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

FEBRUARY 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 17 47	6♒19'09	16♒42	14°D36	21♐11	15♓47	29♎47	6♐50	19♑44	9♓ 1	12♈41	10°R53	9♊37	5♎13	n.a.	W 1
T 2	8 21 44	7°19'07	1♓21	14♑39	22° 2	16°30	29°51	6°55	19°47	9° 3	12°42	10♊44	9°34	5°20	n.a.	T 2
F 3	8 25 40	8°19'02	16° 5	14°48	22°53	17°13	29°54	6°59	19°50	9° 5	12°42	10°35	9°30	5°27	n.a.	F 3
S 4	8 29 37	9°18'56	0♈45	15° 2	23°45	17°56	29°58	7° 4	19°54	9° 7	12°43	10°28	9°27	5°33	n.a.	S 4
S 5	8 33 33	10°18'47	15°15	15°22	24°37	18°39	0♏ 1	7° 8	19°57	9° 9	12°44	10°23	9°24	5°40	n.a.	S 5
M 6	8 37 30	11°18'35	29°32	15°47	25°30	19°22	0° 4	7°12	20° 0	9°11	12°45	10°21	9°21	5°47	n.a.	M 6
T 7	8 41 26	12°18'22	13♉33	16°17	26°24	20° 5	0° 6	7°17	20° 4	9°13	12°45	10°D20	9°18	5°53	n.a.	T 7
W 8	8 45 23	13°18'05	27°18	16°51	27°18	20°48	0° 9	7°21	20° 7	9°15	12°46	10°21	9°15	6° 0	n.a.	W 8
T 9	8 49 20	14°17'47	10♊48	17°29	28°13	21°31	0°11	7°25	20°10	9°17	12°47	10°R21	9°11	6° 7	n.a.	T 9
F 10	8 53 16	15°17'26	24° 3	18°12	29° 9	22°13	0°14	7°29	20°13	9°19	12°48	10°20	9° 8	6°14	n.a.	F 10
S 11	8 57 13	16°17'03	7♋ 7	18°58	0♑ 5	22°56	0°16	7°33	20°17	9°22	12°48	10°17	9° 5	6°20	n.a.	S 11
S 12	9 1 9	17°16'38	19°59	19°47	1° 1	23°39	0°17	7°37	20°20	9°24	12°49	10°11	9° 2	6°27	n.a.	S 12
M13	9 5 6	18°16'10	2♌41	20°40	1°58	24°21	0°19	7°40	20°23	9°26	12°50	10° 3	8°59	6°34	n.a.	M13
T 14	9 9 2	19°15'40	15°12	21°36	2°55	25° 4	0°20	7°44	20°26	9°28	12°51	9°52	8°55	6°40	n.a.	T 14
W15	9 12 59	20°15'07	27°34	22°34	3°53	25°46	0°22	7°48	20°29	9°30	12°52	9°39	8°52	6°47	n.a.	W15
T 16	9 16 55	21°14'33	9♍45	23°35	4°51	26°29	0°23	7°51	20°32	9°32	12°53	9°26	8°49	6°54	n.a.	T 16
F 17	9 20 52	22°13'57	21°49	24°39	5°50	27°11	0°24	7°55	20°35	9°34	12°54	9°13	8°46	7° 1	n.a.	F 17
S 18	9 24 49	23°13'18	3♎45	25°45	6°49	27°53	0°24	7°58	20°38	9°37	12°55	9° 3	8°43	7° 7	n.a.	S 18
S 19	9 28 45	24°12'37	15°36	26°54	7°48	28°36	0°25	8° 1	20°41	9°39	12°55	8°54	8°40	7°14	n.a.	S 19
M20	9 32 42	25°11'55	27°26	28° 5	8°48	29°18	0°25	8° 4	20°44	9°41	12°56	8°48	8°36	7°21	n.a.	M20
T 21	9 36 38	26°11'10	9♏18	29°18	9°48	0♈ 0	0°R25	8° 8	20°47	9°43	12°57	8°45	8°33	7°27	n.a.	T 21
W22	9 40 35	27°10'24	21°18	0♒32	10°49	0°42	0°25	8°11	20°50	9°45	12°58	8°44	8°30	7°34	n.a.	W22
T 23	9 44 31	28° 9'36	3♐31	1°49	11°50	1°24	0°25	8°13	20°53	9°48	12°59	8°44	8°27	7°41	n.a.	T 23
F 24	9 48 28	29° 8'46	16° 2	3° 8	12°51	2° 7	0°25	8°16	20°56	9°50	13° 0	8°44	8°24	7°48	n.a.	F 24
S 25	9 52 24	0♓ 7'54	28°56	4°29	13°53	2°49	0°24	8°19	20°59	9°52	13° 1	8°42	8°21	7°54	n.a.	S 25
S 26	9 56 21	1° 7'00	12♑16	5°51	14°54	3°31	0°23	8°22	21° 2	9°54	13° 2	8°39	8°17	8° 1	n.a.	S 26
M27	10 0 17	2° 6'05	26° 6	7°15	15°56	4°13	0°22	8°24	21° 5	9°57	13° 3	8°33	8°14	8° 8	n.a.	M27
T 28	10 4 14	3♓ 5'07	10♒24	8♒40	16♑59	4♈55	0♏21	8♐27	21♑ 8	9♓59	13♈ 5	8♊24	8♊11	8♎14	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s57	20s27	4s38	20s44	2n14	19s15	4n14	6s 4	0s25	10s24	1n14	20s35	1n11	22s51	0s33	9s49	1s38	8s52	15s10	22n23	22n12	2n 9		n.a.
T 2	18 42	15 49	5 1	20 57	2 1	19 23	4 9	5 46	0 25	10 25	1 14	20 36	1 11	22 50	0 33	9 48	1 38	8 51	15 10	22 22	22 11	2 6		n.a.
F 3	18 26	10 13	5 3	21 9	1 48	19 32	4 3	5 29	0 24	10 26	1 14	20 36	1 11	22 50	0 33	9 47	1 38	8 51	15 10	22 21	22 11	2 3		n.a.
S 4	18 10	4 4	4 46	21 21	1 35	19 40	3 57	5 11	0 23	10 27	1 15	20 37	1 11	22 49	0 33	9 46	1 38	8 50	15 9	22 20	22 10	2 0		n.a.
S 5	17 54	2n15	4 10	21 31	1 22	19 48	3 52	4 53	0 22	10 28	1 15	20 38	1 11	22 49	0 33	9 45	1 38	8 50	15 9	22 19	22 10	1 57		n.a.
M 6	17 37	8 21	3 20	21 41	1 9	19 56	3 46	4 36	0 22	10 29	1 15	20 39	1 11	22 48	0 33	9 45	1 38	8 49	15 9	22 18	22 9	1 54		n.a.
T 7	17 21	13 56	2 18	21 50	0 56	20 3	3 40	4 18	0 21	10 30	1 15	20 39	1 11	22 48	0 33	9 44	1 38	8 48	15 8	22 18	22 9	1 51		n.a.
W 8	17 3	18 42	1 9	21 58	0 44	20 10	3 35	4 0	0 20	10 30	1 15	20 40	1 11	22 47	0 33	9 43	1 38	8 48	15 8	22 18	22 8	1 48		n.a.
T 9	16 46	22 25	0n 2	22 5	0 32	20 17	3 29	3 42	0 19	10 31	1 15	20 41	1 11	22 47	0 33	9 42	1 38	8 47	15 8	22 18	22 8	1 45		n.a.
F 10	16 28	24 50	1 12	22 11	0 20	20 23	3 23	3 25	0 19	10 32	1 16	20 41	1 11	22 46	0 33	9 41	1 38	8 47	15 8	22 18	22 7	1 42		n.a.
S 11	16 10	25 52	2 17	22 16	0 9	20 29	3 17	3 7	0 18	10 32	1 16	20 42	1 11	22 46	0 33	9 41	1 38	8 46	15 7	22 18	22 7	1 39		n.a.
S 12	15 52	25 27	3 14	22 20	0s 2	20 35	3 11	2 49	0 17	10 33	1 16	20 42	1 11	22 45	0 33	9 40	1 38	8 46	15 7	22 17	22 6	1 36		n.a.
M13	15 34	23 43	4 0	22 22	0 13	20 40	3 5	2 31	0 16	10 33	1 16	20 43	1 11	22 45	0 33	9 39	1 38	8 45	15 7	22 16	22 6	1 32		n.a.
T 14	15 15	20 51	4 34	22 24	0 23	20 45	3 0	2 14	0 16	10 34	1 16	20 44	1 12	22 44	0 33	9 38	1 38	8 44	15 6	22 14	22 6	1 29		n.a.
W15	14 56	17 5	4 54	22 24	0 33	20 49	2 54	1 56	0 15	10 34	1 16	20 44	1 12	22 44	0 33	9 37	1 38	8 44	15 6	22 12	22 5	1 26		n.a.
T 16	14 37	12 39	5 1	22 23	0 43	20 53	2 48	1 38	0 14	10 34	1 16	20 45	1 12	22 43	0 33	9 36	1 38	8 43	15 6	22 10	22 5	1 23		n.a.
F 17	14 17	7 47	4 54	22 20	0 52	20 56	2 42	1 20	0 13	10 34	1 17	20 45	1 12	22 43	0 33	9 36	1 38	8 43	15 6	22 8	22 4	1 20		n.a.
S 18	13 58	2 40	4 34	22 16	1 0	20 59	2 36	1 3	0 13	10 34	1 17	20 46	1 12	22 43	0 33	9 35	1 38	8 42	15 5	22 7	22 4	1 17		n.a.
S 19	13 38	2s30	4 2	22 11	1 8	21 2	2 30	0 45	0 12	10 34	1 17	20 46	1 12	22 42	0 33	9 34	1 38	8 42	15 5	22 5	22 3	1 14		n.a.
M20	13 18	7 35	3 20	22 5	1 16	21 4	2 25	0 27	0 11	10 34	1 17	20 47	1 12	22 42	0 33	9 33	1 38	8 41	15 5	22 4	22 3	1 11		n.a.
T 21	12 58	12 26	2 29	21 57	1 24	21 6	2 19	0 10	0 11	10 34	1 17	20 47	1 12	22 41	0 33	9 32	1 38	8 40	15 5	22 4	22 2	1 8		n.a.
W22	12 37	16 52	1 31	21 47	1 31	21 7	2 13	0n 8	0 10	10 34	1 17	20 47	1 12	22 41	0 33	9 31	1 38	8 40	15 4	22 4	22 1	1 5		n.a.
T 23	12 17	20 42	0 28	21 36	1 37	21 7	2 7	0 26	0 9	10 34	1 18	20 48	1 12	22 40	0 34	9 30	1 38	8 39	15 4	22 4	22 1	1 2		n.a.
F 24	11 56	23 40	0s39	21 24	1 43	21 7	2 2	0 43	0 8	10 34	1 18	20 48	1 12	22 40	0 34	9 30	1 38	8 38	15 4	22 4	22 0	0 59		n.a.
S 25	11 35	25 31	1 45	21 10	1 49	21 7	1 56	1 1	0 8	10 33	1 18	20 49	1 12	22 39	0 34	9 29	1 38	8 38	15 4	22 3	22 0	0 56		n.a.
S 26	11 14	25 58	2 47	20 54	1 54	21 6	1 50	1 18	0 7	10 33	1 18	20 49	1 12	22 39	0 34	9 28	1 38	8 37	15 3	22 3	21 59	0 53		n.a.
M27	10 52	24 51	3 42	20 37	1 58	21 4	1 45	1 36	0 6	10 32	1 18	20 49	1 12	22 39	0 34	9 27	1 38	8 37	15 3	22 2	21 59	0 50		n.a.
T 28	10s31	22s 8	4s25	20s19	2s 3	21s 2	1n39	1n53	0s 6	10s32	1n18	20s50	1n12	22s38	0s34	9s26	1s38	8s36	15s 3	22n 1	21n58	0n47		n.a.

Julian Day Number = 1500843.5, Delta T = 05h07m02s
Ecliptic obliquity = 23°46'08, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'50, Lahiri = -12°17'50 Julian Calendar 1 Feb. 604 BCE == Greg. Calendar 25 Jan. 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

MARCH 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 8 11	4♓ 4'07	25♒ 6	10♒ 8	18♉ 1	5♈37	0°R20	8♐29	21♉10	10♓ 1	13♈ 6	8°R14	8♊ 8	8♎21	n.a.	W 1
T 2	10 12 7	5° 3'05	10♓ 5	11°37	19° 4	6°18	0♏18	8°31	21°13	10° 3	13° 7	8♊ 2	8° 5	8°28	n.a.	T 2
F 3	10 16 4	6° 2'01	25°11	13° 7	20° 7	7° 0	0°17	8°34	21°16	10° 6	13° 8	7°51	8° 1	8°34	n.a.	F 3
S 4	10 20 0	7° 0'55	10♈15	14°39	21°11	7°42	0°15	8°36	21°19	10° 8	13° 9	7°42	7°58	8°41	n.a.	S 4
S 5	10 23 57	7°59'46	25° 7	16°13	22°14	8°24	0°12	8°38	21°21	10°10	13°10	7°35	7°55	8°48	n.a.	S 5
M 6	10 27 53	8°58'35	9♉40	17°48	23°18	9° 5	0°10	8°40	21°24	10°12	13°11	7°31	7°52	8°55	n.a.	M 6
T 7	10 31 50	9°57'22	23°50	19°25	24°22	9°47	0° 8	8°41	21°26	10°15	13°12	7°29	7°49	9° 1	n.a.	T 7
W 8	10 35 46	10°56'06	7♊38	21° 3	25°27	10°29	0° 5	8°43	21°29	10°17	13°14	7°29	7°46	9° 8	n.a.	W 8
T 9	10 39 43	11°54'48	21° 4	22°43	26°31	11°10	0° 2	8°45	21°31	10°19	13°15	7°29	7°42	9°15	n.a.	T 9
F 10	10 43 40	12°53'28	4♋10	24°24	27°36	11°52	29♎59	8°46	21°34	10°21	13°16	7°28	7°39	9°21	n.a.	F 10
S 11	10 47 36	13°52'05	17° 1	26° 7	28°41	12°33	29°56	8°48	21°36	10°24	13°17	7°24	7°36	9°28	n.a.	S 11
S 12	10 51 33	14°50'40	29°37	27°52	29°46	13°15	29°53	8°49	21°39	10°26	13°18	7°18	7°33	9°35	n.a.	S 12
M13	10 55 29	15°49'13	12♌ 3	29°38	0♒51	13°56	29°49	8°50	21°41	10°28	13°20	7° 9	7°30	9°41	n.a.	M13
T 14	10 59 26	16°47'43	24°20	1♓25	1°56	14°38	29°46	8°51	21°43	10°31	13°21	6°58	7°27	9°48	n.a.	T 14
W15	11 3 22	17°46'12	6♍28	3°14	3° 2	15°19	29°42	8°53	21°46	10°33	13°22	6°44	7°23	9°55	n.a.	W15
T 16	11 7 19	18°44'38	18°31	5° 5	4° 7	16° 0	29°38	8°53	21°48	10°35	13°23	6°31	7°20	10° 2	n.a.	T 16
F 17	11 11 15	19°43'02	0♎27	6°58	5°13	16°41	29°33	8°54	21°50	10°37	13°25	6°18	7°17	10° 8	n.a.	F 17
S 18	11 15 12	20°41'24	12°20	8°52	6°19	17°23	29°29	8°55	21°52	10°40	13°26	6° 6	7°14	10°15	n.a.	S 18
S 19	11 19 8	21°39'45	24°10	10°47	7°26	18° 4	29°25	8°56	21°55	10°42	13°27	5°57	7°11	10°22	n.a.	S 19
M20	11 23 5	22°38'03	6♏ 0	12°44	8°32	18°45	29°20	8°56	21°57	10°44	13°28	5°50	7° 7	10°28	n.a.	M20
T 21	11 27 2	23°36'20	17°53	14°43	9°39	19°26	29°15	8°57	21°59	10°46	13°30	5°47	7° 4	10°35	n.a.	T 21
W22	11 30 58	24°34'35	29°54	16°43	10°45	20° 7	29°10	8°57	22° 1	10°48	13°31	5°45	7° 1	10°42	n.a.	W22
T 23	11 34 55	25°32'49	12♐ 6	18°45	11°52	20°48	29° 5	8°57	22° 3	10°51	13°32	5°D45	6°58	10°48	n.a.	T 23
F 24	11 38 51	26°31'01	24°34	20°48	12°59	21°29	29° 0	8°58	22° 5	10°53	13°33	5°R46	6°55	10°55	n.a.	F 24
S 25	11 42 48	27°29'12	7♑24	22°53	14° 6	22°10	28°54	8°R58	22° 7	10°55	13°35	5°45	6°52	11° 2	n.a.	S 25
S 26	11 46 44	28°27'21	20°40	24°58	15°13	22°51	28°49	8°58	22° 8	10°57	13°36	5°43	6°48	11° 9	n.a.	S 26
M27	11 50 41	29°25'28	4♒25	27° 5	16°21	23°32	28°43	8°58	22°10	10°59	13°37	5°39	6°45	11°15	n.a.	M27
T 28	11 54 37	0♈23'34	18°39	29°13	17°28	24°13	28°37	8°57	22°12	11° 2	13°39	5°32	6°42	11°22	n.a.	T 28
W29	11 58 34	1°21'38	3♓21	1♈22	18°36	24°53	28°32	8°57	22°14	11° 4	13°40	5°24	6°39	11°29	n.a.	W29
T 30	12 2 31	2°19'40	18°24	3°31	19°43	25°34	28°25	8°57	22°15	11° 6	13°41	5°15	6°36	11°35	n.a.	T 30
F 31	12 6 27	3♈17'41	3♈39	5♈40	20♒51	26♈15	28♎19	8♐56	22♉17	11♓ 8	13♈43	5♊ 5	6♊32	11♎42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	10s 9	17s55	4s52	19s59	2s 6	21s 0	1n33	2n11	0s 5	10s31	1n18	20s50	1n12	22s38	0s34	9s25	1s38	8s35	15s 3	21n59	21n58	0n43			n.a.
T 2	9 47	12 30	5 0	19 37	2 10	20 56	1 28	2 28	0 4	10 31	1 19	20 50	1 12	22 37	0 34	9 24	1 38	8 35	15 2	21 57	21 57	0 40			n.a.
F 3	9 25	6 19	4 47	19 13	2 13	20 53	1 22	2 46	0 4	10 30	1 19	20 51	1 12	22 37	0 34	9 23	1 38	8 34	15 2	21 55	21 57	0 37			n.a.
S 4	9 3	0n14	4 14	18 48	2 15	20 48	1 17	3 3	0 3	10 29	1 19	20 51	1 12	22 37	0 34	9 23	1 38	8 34	15 2	21 54	21 56	0 34			n.a.
S 5	8 41	6 42	3 24	18 22	2 17	20 44	1 12	3 20	0 2	10 28	1 19	20 51	1 12	22 36	0 34	9 22	1 38	8 33	15 2	21 53	21 56	0 31			n.a.
M 6	8 19	12 41	2 21	17 54	2 18	20 38	1 6	3 38	0 2	10 27	1 19	20 52	1 12	22 36	0 34	9 21	1 38	8 32	15 2	21 52	21 55	0 28			n.a.
T 7	7 56	17 50	1 11	17 24	2 19	20 32	1 1	3 55	0 1	10 26	1 19	20 52	1 12	22 35	0 34	9 20	1 38	8 32	15 1	21 52	21 55	0 25			n.a.
W 8	7 34	21 54	0n 1	16 52	2 19	20 26	0 56	4 12	0 0	10 25	1 19	20 52	1 13	22 35	0 34	9 19	1 38	8 31	15 1	21 52	21 54	0 22			n.a.
T 9	7 11	24 39	1 11	16 19	2 19	20 19	0 51	4 29	0n 0	10 24	1 19	20 52	1 13	22 35	0 34	9 18	1 38	8 30	15 1	21 52	21 54	0 19			n.a.
F 10	6 49	25 58	2 16	15 44	2 19	20 11	0 46	4 46	0 1	10 23	1 20	20 52	1 13	22 34	0 34	9 17	1 38	8 30	15 1	21 51	21 53	0 16			n.a.
S 11	6 26	25 51	3 12	15 8	2 17	20 3	0 41	5 3	0 2	10 22	1 20	20 53	1 13	22 34	0 34	9 17	1 38	8 29	15 1	21 51	21 53	0 13			n.a.
S 12	6 3	24 23	3 58	14 30	2 16	19 54	0 36	5 20	0 2	10 20	1 20	20 53	1 13	22 34	0 34	9 16	1 38	8 29	15 1	21 50	21 52	0 10			n.a.
M13	5 40	21 46	4 32	13 50	2 14	19 45	0 31	5 37	0 3	10 19	1 20	20 53	1 13	22 33	0 34	9 15	1 38	8 28	15 0	21 48	21 52	0 6			n.a.
T 14	5 17	18 11	4 53	13 9	2 11	19 35	0 26	5 54	0 4	10 18	1 20	20 53	1 13	22 33	0 34	9 14	1 38	8 27	15 0	21 46	21 51	0 3			n.a.
W15	4 54	13 53	5 0	12 26	2 8	19 25	0 21	6 11	0 4	10 16	1 20	20 53	1 13	22 33	0 34	9 13	1 38	8 27	15 0	21 44	21 51	0 0			n.a.
T 16	4 31	9 6	4 54	11 41	2 4	19 14	0 16	6 27	0 5	10 15	1 20	20 53	1 13	22 32	0 34	9 12	1 38	8 26	15 0	21 42	21 50	0s 3			n.a.
F 17	4 8	4 0	4 34	10 55	1 59	19 2	0 12	6 44	0 6	10 13	1 20	20 53	1 13	22 32	0 34	9 11	1 38	8 25	15 0	21 39	21 50	0 6			n.a.
S 18	3 44	1s13	4 3	10 7	1 55	18 50	0 7	7 1	0 6	10 11	1 20	20 53	1 13	22 32	0 34	9 11	1 38	8 25	15 0	21 37	21 49	0 9			n.a.
S 19	3 21	6 23	3 21	9 18	1 49	18 38	0 2	7 17	0 7	10 10	1 21	20 53	1 13	22 31	0 34	9 10	1 38	8 24	14 59	21 36	21 48	0 12			n.a.
M20	2 58	11 20	2 31	8 27	1 43	18 25	0s 2	7 34	0 8	10 8	1 21	20 53	1 13	22 31	0 34	9 9	1 38	8 24	14 59	21 35	21 48	0 15			n.a.
T 21	2 34	15 54	1 33	7 35	1 37	18 11	0 6	7 50	0 8	10 6	1 21	20 53	1 13	22 31	0 34	9 8	1 38	8 23	14 59	21 34	21 47	0 18			n.a.
W22	2 11	19 54	0 31	6 41	1 30	17 57	0 11	8 6	0 9	10 4	1 21	20 53	1 13	22 30	0 34	9 7	1 38	8 22	14 59	21 34	21 47	0 21			n.a.
T 23	1 48	23 7	0s34	5 46	1 22	17 42	0 15	8 22	0 9	10 2	1 21	20 53	1 13	22 30	0 34	9 6	1 38	8 22	14 59	21 34	21 46	0 24			n.a.
F 24	1 24	25 18	1 38	4 50	1 14	17 27	0 19	8 39	0 10	10 1	1 21	20 53	1 13	22 30	0 34	9 6	1 38	8 21	14 59	21 34	21 46	0 28			n.a.
S 25	1 1	26 13	2 40	3 52	1 6	17 11	0 23	8 55	0 11	9 59	1 21	20 53	1 13	22 29	0 34	9 5	1 38	8 21	14 59	21 34	21 45	0 31			n.a.
S 26	0 37	25 42	3 35	2 54	0 57	16 55	0 27	9 11	0 11	9 56	1 21	20 53	1 13	22 29	0 34	9 4	1 38	8 20	14 59	21 33	21 45	0 34			n.a.
M27	0 14	23 37	4 20	1 54	0 48	16 39	0 31	9 27	0 12	9 54	1 21	20 53	1 13	22 29	0 34	9 3	1 38	8 19	14 58	21 33	21 44	0 37			n.a.
T 28	0n 9	20 2	4 51	0 54	0 38	16 22	0 35	9 42	0 12	9 52	1 21	20 53	1 13	22 29	0 34	9 2	1 38	8 19	14 58	21 31	21 44	0 40			n.a.
W29	0 33	15 7	5 3	0n 7	0 28	16 4	0 38	9 58	0 13	9 50	1 21	20 53	1 13	22 28	0 34	9 1	1 38	8 18	14 58	21 30	21 43	0 43			n.a.
T 30	0 56	9 10	4 56	1 9	0 18	15 46	0 42	10 14	0 14	9 48	1 21	20 53	1 14	22 28	0 34	9 1	1 38	8 18	14 58	21 28	21 43	0 46			n.a.
F 31	1n20	2s36	4s27	2n10	0s 7	15s28	0s46	10n29	0n14	9s46	1n21	20s53	1n14	22s28	0s35	9s 0	1s38	8s17	14s58	21n27	21n42	0s49			n.a.

Julian Day Number = 1500871.5, Delta T = 05h07m00s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'47, Lahiri = -12°17'46 Julian Calendar 1 March 604 BCE == Greg. Calendar 22 Feb. 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

APRIL 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 10 24	4♈15'40	18♈55	7♈50	21♒59	26♈55	28°R13	8°R56	22♑19	11♓10	13♈44	4°R58	6♊29	11♎49	n.a.	S 1
S 2	12 14 20	5°13'38	4♉ 1	9°59	23° 7	27°36	28♎ 7	8♐55	22°20	11°12	13°45	4♊52	6°26	11°55	n.a.	S 2
M 3	12 18 17	6°11'33	18°50	12° 8	24°15	28°17	28° 0	8°54	22°22	11°14	13°47	4°49	6°23	12° 2	n.a.	M 3
T 4	12 22 13	7° 9'27	3♊14	14°17	25°23	28°57	27°53	8°53	22°23	11°16	13°48	4°D48	6°20	12° 9	n.a.	T 4
W 5	12 26 10	8° 7'19	17°11	16°24	26°31	29°38	27°47	8°52	22°25	11°19	13°49	4°48	6°17	12°16	n.a.	W 5
T 6	12 30 6	9° 5'09	0♋43	18°30	27°40	0♉18	27°40	8°51	22°26	11°21	13°51	4°49	6°13	12°22	n.a.	T 6
F 7	12 34 3	10° 2'57	13°51	20°34	28°48	0°59	27°33	8°50	22°27	11°23	13°52	4°R49	6°10	12°29	n.a.	F 7
S 8	12 38 0	11° 0'43	26°38	22°37	29°57	1°39	27°26	8°49	22°29	11°25	13°54	4°48	6° 7	12°36	n.a.	S 8
S 9	12 41 56	11°58'28	9♌ 8	24°37	1♓ 5	2°20	27°19	8°47	22°30	11°27	13°55	4°45	6° 4	12°42	n.a.	S 9
M10	12 45 53	12°56'10	21°26	26°35	2°14	3° 0	27°12	8°46	22°31	11°29	13°56	4°39	6° 1	12°49	n.a.	M10
T 11	12 49 49	13°53'51	3♍33	28°31	3°23	3°40	27° 5	8°44	22°32	11°31	13°58	4°32	5°58	12°56	n.a.	T 11
W12	12 53 46	14°51'30	15°33	0♉24	4°32	4°21	26°58	8°43	22°33	11°33	13°59	4°23	5°54	13° 2	n.a.	W12
T 13	12 57 42	15°49'08	27°28	2°14	5°41	5° 1	26°50	8°41	22°34	11°35	14° 0	4°14	5°51	13° 9	n.a.	T 13
F 14	13 1 39	16°46'44	9♎20	4° 1	6°50	5°41	26°43	8°39	22°35	11°37	14° 2	4° 5	5°48	13°16	n.a.	F 14
S 15	13 5 35	17°44'19	21°10	5°45	7°59	6°21	26°35	8°37	22°36	11°38	14° 3	3°57	5°45	13°23	n.a.	S 15
S 16	13 9 32	18°41'52	3♏ 2	7°27	9° 8	7° 1	26°28	8°35	22°37	11°40	14° 4	3°51	5°42	13°29	n.a.	S 16
M17	13 13 28	19°39'24	14°55	9° 5	10°17	7°41	26°20	8°33	22°38	11°42	14° 6	3°47	5°38	13°36	n.a.	M17
T 18	13 17 25	20°36'55	26°53	10°39	11°27	8°21	26°13	8°31	22°39	11°44	14° 7	3°45	5°35	13°43	n.a.	T 18
W19	13 21 22	21°34'25	8♐59	12°11	12°36	9° 2	26° 5	8°29	22°40	11°46	14° 8	3°D45	5°32	13°49	n.a.	W19
T 20	13 25 18	22°31'54	21°16	13°39	13°46	9°42	25°58	8°27	22°40	11°48	14°10	3°46	5°29	13°56	n.a.	T 20
F 21	13 29 15	23°29'22	3♑48	15° 4	14°55	10°21	25°50	8°24	22°41	11°50	14°11	3°48	5°26	14° 3	n.a.	F 21
S 22	13 33 11	24°26'49	16°38	16°25	16° 5	11° 1	25°42	8°22	22°42	11°51	14°13	3°49	5°23	14° 9	n.a.	S 22
S 23	13 37 8	25°24'15	29°51	17°43	17°14	11°41	25°35	8°19	22°42	11°53	14°14	3°R49	5°19	14°16	n.a.	S 23
M24	13 41 4	26°21'40	13♒30	18°58	18°24	12°21	25°27	8°17	22°43	11°55	14°15	3°48	5°16	14°23	n.a.	M24
T 25	13 45 1	27°19'05	27°34	20° 9	19°34	13° 1	25°20	8°14	22°43	11°57	14°17	3°45	5°13	14°29	n.a.	T 25
W26	13 48 57	28°16'28	12♓ 5	21°17	20°44	13°41	25°12	8°11	22°44	11°58	14°18	3°41	5°10	14°36	n.a.	W26
T 27	13 52 54	29°13'51	26°57	22°21	21°54	14°21	25° 4	8° 8	22°44	12° 0	14°19	3°36	5° 7	14°43	n.a.	T 27
F 28	13 56 51	0♉11'13	12♈ 4	23°21	23° 4	15° 0	24°57	8° 5	22°44	12° 2	14°21	3°31	5° 4	14°50	n.a.	F 28
S 29	14 0 47	1° 8'34	27°16	24°17	24°14	15°40	24°49	8° 2	22°45	12° 3	14°22	3°27	5° 0	14°56	n.a.	S 29
S 30	14 4 44	2♉ 5'54	12♉23	25♉10	25♓24	16♉20	24♎42	7♐59	22♑45	12♓ 5	14♈23	3♊25	4♊57	15♎ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n43	4n 8	3s39	3n12	0n 3	15s 9	0s49	10n45	0n15	9s43	1n21	20s53	1n14	22s28	0s35	8s59	1s38	8s16	14s58	21n25	21n41	0s52		n.a.
S 2	2 6	10 35	2 37	4 14	0 14	14 49	0 52	11 0	0 15	9 41	1 21	20 53	1 14	22 27	0 35	8 58	1 38	8 16	14 58	21 24	21 41	0 55		n.a.
M 3	2 30	16 19	1 24	5 15	0 25	14 30	0 56	11 15	0 16	9 39	1 21	20 53	1 14	22 27	0 35	8 57	1 38	8 15	14 58	21 23	21 40	0 59		n.a.
T 4	2 53	20 57	0 8	6 15	0 36	14 9	0 59	11 31	0 17	9 36	1 21	20 52	1 14	22 27	0 35	8 57	1 38	8 15	14 58	21 23	21 40	1 2		n.a.
W 5	3 16	24 14	1n 6	7 15	0 46	13 49	1 2	11 46	0 17	9 34	1 21	20 52	1 14	22 27	0 35	8 56	1 38	8 14	14 58	21 23	21 39	1 5		n.a.
T 6	3 39	26 0	2 14	8 13	0 56	13 28	1 5	12 1	0 18	9 31	1 21	20 52	1 14	22 27	0 35	8 55	1 38	8 14	14 58	21 24	21 39	1 8		n.a.
F 7	4 2	26 15	3 13	9 10	1 7	13 7	1 8	12 16	0 18	9 29	1 21	20 52	1 14	22 26	0 35	8 54	1 38	8 13	14 58	21 24	21 38	1 11		n.a.
S 8	4 25	25 4	4 1	10 6	1 16	12 45	1 11	12 30	0 19	9 26	1 21	20 52	1 14	22 26	0 35	8 54	1 38	8 12	14 58	21 23	21 38	1 14		n.a.
S 9	4 48	22 39	4 37	10 59	1 26	12 23	1 14	12 45	0 19	9 24	1 21	20 51	1 14	22 26	0 35	8 53	1 38	8 12	14 58	21 23	21 37	1 17		n.a.
M10	5 11	19 15	4 58	11 51	1 34	12 0	1 16	13 0	0 20	9 21	1 21	20 51	1 14	22 26	0 35	8 52	1 38	8 11	14 58	21 22	21 36	1 20		n.a.
T 11	5 33	15 5	5 6	12 41	1 43	11 38	1 19	13 14	0 21	9 19	1 21	20 51	1 14	22 26	0 35	8 51	1 38	8 11	14 57	21 20	21 36	1 23		n.a.
W12	5 56	10 23	5 1	13 29	1 50	11 14	1 21	13 28	0 21	9 16	1 21	20 50	1 14	22 26	0 35	8 51	1 38	8 10	14 57	21 19	21 35	1 27		n.a.
T 13	6 18	5 19	4 42	14 15	1 57	10 51	1 24	13 43	0 22	9 13	1 21	20 50	1 14	22 25	0 35	8 50	1 38	8 10	14 57	21 17	21 35	1 30		n.a.
F 14	6 41	0 5	4 11	14 58	2 4	10 27	1 26	13 57	0 22	9 11	1 21	20 50	1 14	22 25	0 35	8 49	1 39	8 9	14 57	21 15	21 34	1 33		n.a.
S 15	7 3	5s 9	3 29	15 39	2 9	10 3	1 28	14 11	0 23	9 8	1 21	20 50	1 14	22 25	0 35	8 49	1 39	8 9	14 57	21 14	21 34	1 36		n.a.
S 16	7 25	10 13	2 38	16 18	2 14	9 39	1 30	14 25	0 23	9 5	1 21	20 49	1 14	22 25	0 35	8 48	1 39	8 8	14 57	21 13	21 33	1 39		n.a.
M17	7 48	14 56	1 40	16 54	2 19	9 14	1 32	14 38	0 24	9 3	1 21	20 49	1 14	22 25	0 35	8 47	1 39	8 8	14 57	21 12	21 32	1 42		n.a.
T 18	8 10	19 8	0 37	17 28	2 22	8 49	1 34	14 52	0 24	9 0	1 21	20 49	1 14	22 25	0 35	8 46	1 39	8 7	14 57	21 12	21 32	1 45		n.a.
W19	8 31	22 34	0s28	18 0	2 25	8 24	1 36	15 6	0 25	8 57	1 21	20 48	1 14	22 25	0 35	8 46	1 39	8 7	14 57	21 12	21 31	1 48		n.a.
T 20	8 53	25 2	1 34	18 29	2 27	7 58	1 38	15 19	0 25	8 55	1 21	20 48	1 14	22 25	0 35	8 45	1 39	8 6	14 57	21 12	21 31	1 52		n.a.
F 21	9 15	26 19	2 36	18 56	2 28	7 33	1 39	15 32	0 26	8 52	1 21	20 47	1 14	22 25	0 35	8 44	1 39	8 6	14 57	21 12	21 30	1 55		n.a.
S 22	9 36	26 13	3 32	19 20	2 28	7 7	1 41	15 46	0 27	8 49	1 21	20 47	1 14	22 25	0 35	8 44	1 39	8 5	14 58	21 12	21 30	1 58		n.a.
S 23	9 57	24 40	4 18	19 43	2 28	6 40	1 42	15 59	0 27	8 46	1 21	20 47	1 14	22 24	0 35	8 43	1 39	8 5	14 58	21 12	21 29	2 1		n.a.
M24	10 19	21 39	4 52	20 3	2 26	6 14	1 44	16 12	0 28	8 44	1 21	20 46	1 14	22 24	0 35	8 43	1 39	8 4	14 58	21 12	21 28	2 4		n.a.
T 25	10 40	17 19	5 9	20 20	2 24	5 47	1 45	16 24	0 28	8 41	1 20	20 46	1 14	22 24	0 35	8 42	1 39	8 4	14 58	21 12	21 28	2 7		n.a.
W26	11 0	11 51	5 8	20 36	2 21	5 21	1 46	16 37	0 29	8 38	1 20	20 45	1 14	22 24	0 35	8 41	1 39	8 3	14 58	21 11	21 27	2 10		n.a.
T 27	11 21	5 35	4 46	20 49	2 17	4 54	1 47	16 50	0 29	8 36	1 20	20 45	1 14	22 24	0 35	8 41	1 39	8 3	14 58	21 10	21 27	2 13		n.a.
F 28	11 42	1n 6	4 4	21 0	2 12	4 27	1 48	17 2	0 30	8 33	1 20	20 44	1 14	22 24	0 35	8 40	1 39	8 2	14 58	21 9	21 26	2 16		n.a.
S 29	12 2	7 46	3 5	21 9	2 7	3 59	1 49	17 14	0 30	8 30	1 20	20 44	1 14	22 24	0 36	8 39	1 39	8 2	14 58	21 8	21 26	2 20		n.a.
S 30	12n22	13n59	1s52	21n16	2n 0	3s32	1s50	17n26	0n31	8s27	1n20	20s43	1n14	22s24	0s36	8s39	1s39	8s 1	14s58	21n 8	21n25	2s23		n.a.

Julian Day Number = 1500902.5, Delta T = 05h06m59s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'42, Lahiri = -12°17'42 Julian Calendar 1 Apr. 604 BCE == Greg. Calendar 25 March 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

MAY 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 8 40	3♉ 3'13	27♉17	25♉58	26♓34	17♉ 0	24°R34	7°R56	22♑45	12♓ 6	14♈24	3°D23	4♊54	15♎10	n.a.	M 1
T 2	14 12 37	4° 0'32	11♊49	26°43	27°45	17°39	24♎27	7♐53	22°45	12° 8	14°26	3♊23	4°51	15°16	n.a.	T 2
W 3	14 16 33	4°57'49	25°56	27°23	28°55	18°19	24°19	7°50	22°45	12°10	14°27	3°24	4°48	15°23	n.a.	W 3
T 4	14 20 30	5°55'05	9♋36	28° 0	0♈ 5	18°58	24°12	7°46	22°R45	12°11	14°28	3°26	4°44	15°30	n.a.	T 4
F 5	14 24 27	6°52'20	22°50	28°32	1°16	19°38	24° 4	7°43	22°45	12°13	14°30	3°27	4°41	15°36	n.a.	F 5
S 6	14 28 23	7°49'34	5♌40	28°59	2°26	20°18	23°57	7°40	22°45	12°14	14°31	3°R28	4°38	15°43	n.a.	S 6
S 7	14 32 20	8°46'47	18°11	29°23	3°36	20°57	23°50	7°36	22°45	12°16	14°32	3°28	4°35	15°50	n.a.	S 7
M 8	14 36 16	9°43'59	0♍26	29°41	4°47	21°37	23°43	7°32	22°45	12°17	14°33	3°26	4°32	15°56	n.a.	M 8
T 9	14 40 13	10°41'10	12°30	29°56	5°58	22°16	23°36	7°29	22°45	12°18	14°35	3°24	4°29	16° 3	n.a.	T 9
W10	14 44 9	11°38'20	24°26	0♎ 5	7° 8	22°55	23°29	7°25	22°45	12°20	14°36	3°21	4°25	16°10	n.a.	W10
T 11	14 48 6	12°35'30	6♎18	0°10	8°19	23°35	23°22	7°21	22°44	12°21	14°37	3°17	4°22	16°17	n.a.	T 11
F 12	14 52 2	13°32'38	18° 8	0°R11	9°30	24°14	23°15	7°18	22°44	12°22	14°38	3°14	4°19	16°23	n.a.	F 12
S 13	14 55 59	14°29'46	29°59	0° 7	10°40	24°53	23° 9	7°14	22°43	12°24	14°39	3°11	4°16	16°30	n.a.	S 13
S 14	14 59 56	15°26'54	11♏55	29♉59	11°51	25°33	23° 2	7°10	22°43	12°25	14°41	3°10	4°13	16°37	n.a.	S 14
M15	15 3 52	16°24'01	23°56	29°46	13° 2	26°12	22°55	7° 6	22°43	12°26	14°42	3° 8	4° 9	16°43	n.a.	M15
T 16	15 7 49	17°21'08	6♐ 4	29°30	14°13	26°51	22°49	7° 2	22°42	12°27	14°43	3°D 8	4° 6	16°50	n.a.	T 16
W17	15 11 45	18°18'14	18°22	29° 9	15°24	27°31	22°43	6°58	22°41	12°29	14°44	3° 9	4° 3	16°57	n.a.	W17
T 18	15 15 42	19°15'20	0♑51	28°45	16°35	28°10	22°37	6°54	22°41	12°30	14°45	3°10	4° 0	17° 3	n.a.	T 18
F 19	15 19 38	20°12'26	13°34	28°18	17°46	28°49	22°31	6°50	22°40	12°31	14°47	3°11	3°57	17°10	n.a.	F 19
S 20	15 23 35	21° 9'32	26°33	27°49	18°57	29°28	22°25	6°46	22°39	12°32	14°48	3°12	3°54	17°17	n.a.	S 20
S 21	15 27 31	22° 6'38	9♒49	27°17	20° 8	0♊ 7	22°19	6°41	22°39	12°33	14°49	3°13	3°50	17°23	n.a.	S 21
M22	15 31 28	23° 3'44	23°26	26°43	21°20	0°46	22°13	6°37	22°38	12°34	14°50	3°R13	3°47	17°30	n.a.	M22
T 23	15 35 25	24° 0'50	7♓23	26° 9	22°31	1°25	22° 8	6°33	22°37	12°35	14°51	3°13	3°44	17°37	n.a.	T 23
W24	15 39 21	24°57'56	21°40	25°33	23°42	2° 5	22° 2	6°29	22°36	12°36	14°52	3°12	3°41	17°43	n.a.	W24
T 25	15 43 18	25°55'02	6♈14	24°58	24°54	2°44	21°57	6°25	22°35	12°37	14°53	3°11	3°38	17°50	n.a.	T 25
F 26	15 47 14	26°52'09	21° 1	24°23	26° 5	3°23	21°52	6°20	22°34	12°38	14°54	3°10	3°35	17°57	n.a.	F 26
S 27	15 51 11	27°49'15	5♉55	23°50	27°17	4° 2	21°47	6°16	22°33	12°39	14°55	3°10	3°31	18° 4	n.a.	S 27
S 28	15 55 7	28°46'22	20°48	23°18	28°28	4°41	21°42	6°12	22°32	12°39	14°56	3°10	3°28	18°10	n.a.	S 28
M29	15 59 4	29°43'29	5♊33	22°49	29°40	5°20	21°37	6° 7	22°31	12°40	14°57	3°D10	3°25	18°17	n.a.	M29
T 30	16 3 0	0♊40'36	20° 1	22°23	0♉51	5°59	21°33	6° 3	22°30	12°41	14°58	3°10	3°22	18°24	n.a.	T 30
W31	16 6 57	1♊37'43	4♋ 9	22♉ 0	2♉ 3	6♊37	21♎28	5♐58	22♑28	12♓42	14♈59	3♊10	3♊19	18♎30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	12n42	19n17	0s33	21n21	1n53	3s 4	1s51	17n38	0n31	8s25	1n20	20s43	1n14	22s24	0s36	8s38	1s39	8s 1	14s58	21n 7	21n24	2s26			n.a.
T 2	13 2	23 17	0n46	21 23	1 45	2 37	1 51	17 50	0 32	8 22	1 20	20 42	1 14	22 24	0 36	8 38	1 39	8 1	14 58	21 7	21 24	2 29			n.a.
W 3	13 21	25 43	2 0	21 24	1 36	2 9	1 52	18 2	0 32	8 20	1 19	20 42	1 14	22 24	0 36	8 37	1 39	8 0	14 58	21 8	21 23	2 32			n.a.
T 4	13 41	26 30	3 6	21 23	1 26	1 41	1 52	18 13	0 33	8 17	1 19	20 41	1 14	22 24	0 36	8 37	1 39	8 0	14 58	21 8	21 23	2 35			n.a.
F 5	14 0	25 44	3 59	21 20	1 16	1 13	1 53	18 25	0 33	8 14	1 19	20 41	1 14	22 24	0 36	8 36	1 39	7 59	14 58	21 8	21 22	2 38			n.a.
S 6	14 19	23 36	4 38	21 15	1 4	0 45	1 53	18 36	0 34	8 12	1 19	20 40	1 14	22 24	0 36	8 36	1 40	7 59	14 58	21 8	21 21	2 42			n.a.
S 7	14 37	20 23	5 3	21 8	0 52	0 17	1 53	18 47	0 34	8 9	1 19	20 40	1 14	22 24	0 36	8 35	1 40	7 59	14 58	21 8	21 21	2 45			n.a.
M 8	14 56	16 21	5 14	21 0	0 39	0n12	1 53	18 58	0 35	8 7	1 19	20 39	1 14	22 25	0 36	8 35	1 40	7 58	14 59	21 8	21 20	2 48			n.a.
T 9	15 14	11 43	5 10	20 50	0 25	0 40	1 53	19 9	0 35	8 4	1 18	20 38	1 14	22 25	0 36	8 34	1 40	7 58	14 59	21 7	21 20	2 51			n.a.
W10	15 32	6 43	4 53	20 38	0 11	1 8	1 53	19 20	0 36	8 2	1 18	20 38	1 14	22 25	0 36	8 34	1 40	7 57	14 59	21 7	21 19	2 54			n.a.
T 11	15 50	1 30	4 24	20 24	0s 4	1 37	1 53	19 30	0 36	8 0	1 18	20 37	1 14	22 25	0 36	8 33	1 40	7 57	14 59	21 6	21 19	2 57			n.a.
F 12	16 7	3s46	3 43	20 9	0 19	2 5	1 53	19 41	0 36	7 57	1 18	20 37	1 14	22 25	0 36	8 33	1 40	7 57	14 59	21 6	21 18	3 0			n.a.
S 13	16 25	8 56	2 53	19 53	0 35	2 33	1 53	19 51	0 37	7 55	1 18	20 36	1 14	22 25	0 36	8 32	1 40	7 56	14 59	21 5	21 17	3 3			n.a.
S 14	16 42	13 48	1 55	19 35	0 51	3 2	1 52	20 1	0 37	7 53	1 17	20 35	1 14	22 25	0 36	8 32	1 40	7 56	14 59	21 5	21 17	3 7			n.a.
M15	16 58	18 12	0 51	19 16	1 8	3 30	1 52	20 11	0 38	7 50	1 17	20 35	1 14	22 25	0 36	8 31	1 40	7 56	14 59	21 4	21 16	3 10			n.a.
T 16	17 15	21 53	0s16	18 57	1 25	3 58	1 51	20 21	0 38	7 48	1 17	20 34	1 14	22 25	0 36	8 31	1 40	7 55	15 0	21 4	21 16	3 13			n.a.
W17	17 31	24 38	1 23	18 36	1 41	4 27	1 51	20 30	0 39	7 46	1 17	20 33	1 14	22 25	0 36	8 31	1 40	7 55	15 0	21 4	21 15	3 16			n.a.
T 18	17 47	26 13	2 27	18 15	1 58	4 55	1 50	20 40	0 39	7 44	1 17	20 33	1 14	22 26	0 36	8 30	1 40	7 55	15 0	21 5	21 14	3 19			n.a.
F 19	18 2	26 28	3 26	17 53	2 14	5 23	1 49	20 49	0 40	7 42	1 16	20 32	1 14	22 26	0 36	8 30	1 40	7 54	15 0	21 5	21 14	3 22			n.a.
S 20	18 18	25 18	4 14	17 31	2 30	5 51	1 48	20 58	0 40	7 40	1 16	20 31	1 14	22 26	0 36	8 29	1 40	7 54	15 0	21 5	21 13	3 25			n.a.
S 21	18 33	22 42	4 51	17 9	2 45	6 19	1 48	21 7	0 41	7 38	1 16	20 31	1 14	22 26	0 36	8 29	1 40	7 54	15 0	21 5	21 13	3 28			n.a.
M22	18 48	18 48	5 12	16 47	3 0	6 47	1 47	21 16	0 41	7 36	1 16	20 30	1 14	22 26	0 36	8 29	1 40	7 54	15 0	21 5	21 12	3 32			n.a.
T 23	19 2	13 47	5 16	16 25	3 13	7 15	1 45	21 24	0 41	7 34	1 16	20 29	1 14	22 26	0 36	8 28	1 40	7 53	15 1	21 5	21 11	3 35			n.a.
W24	19 16	7 56	5 1	16 5	3 26	7 43	1 44	21 33	0 42	7 32	1 15	20 29	1 14	22 27	0 36	8 28	1 41	7 53	15 1	21 5	21 11	3 38			n.a.
T 25	19 30	1 33	4 26	15 45	3 38	8 10	1 43	21 41	0 42	7 30	1 15	20 28	1 14	22 27	0 36	8 28	1 41	7 53	15 1	21 5	21 10	3 41			n.a.
F 26	19 44	5n 2	3 33	15 27	3 48	8 38	1 42	21 49	0 43	7 29	1 15	20 27	1 14	22 27	0 36	8 27	1 41	7 53	15 1	21 5	21 9	3 44			n.a.
S 27	19 57	11 24	2 25	15 10	3 57	9 5	1 41	21 57	0 43	7 27	1 15	20 27	1 13	22 27	0 36	8 27	1 41	7 52	15 1	21 5	21 9	3 47			n.a.
S 28	20 10	17 7	1 8	14 55	4 5	9 32	1 39	22 5	0 44	7 25	1 14	20 26	1 13	22 27	0 37	8 27	1 41	7 52	15 2	21 5	21 8	3 50			n.a.
M29	20 22	21 44	0n13	14 41	4 11	9 59	1 38	22 12	0 44	7 24	1 14	20 25	1 13	22 28	0 37	8 27	1 41	7 52	15 2	21 5	21 8	3 54			n.a.
T 30	20 34	24 55	1 32	14 30	4 16	10 26	1 36	22 20	0 44	7 22	1 14	20 25	1 13	22 28	0 37	8 26	1 41	7 52	15 2	21 5	21 7	3 57			n.a.
W31	20n46	26n26	2n44	14n21	4s19	10n52	1s35	22n27	0n45	7s21	1n14	20s24	1n13	22s28	0s37	8s26	1s41	7s51	15s 2	21n 5	21n 6	4s 0			n.a.

Julian Day Number = 1500932.5, Delta T = 05h06m58s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'38, Lahiri = -12°17'38 Julian Calendar 1 May 604 BCE == Greg. Calendar 24 Apr. 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

JUNE 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 10 54	2♊34'50	17♋52	21°R40	3♉15	7♊16	21°R24	5°R54	22°R27	12♓43	15♈ 0	3♊10	3♊15	18♎37	n.a.	T 1
F 2	16 14 50	3°31'56	1♌11	21♉25	4°26	7°55	21♎20	5♐50	22♑26	12°43	15° 1	3°R10	3°12	18°44	n.a.	F 2
S 3	16 18 47	4°29'03	14° 6	21°15	5°38	8°34	21°16	5°45	22°25	12°44	15° 2	3°10	3° 9	18°50	n.a.	S 3
S 4	16 22 43	5°26'09	26°40	21° 8	6°50	9°13	21°12	5°41	22°23	12°45	15° 3	3°10	3° 6	18°57	n.a.	S 4
M 5	16 26 40	6°23'16	8♍57	21°D 7	8° 2	9°52	21° 9	5°36	22°22	12°45	15° 4	3°D10	3° 3	19° 4	n.a.	M 5
T 6	16 30 36	7°20'22	21° 1	21°11	9°13	10°31	21° 5	5°32	22°20	12°46	15° 5	3°10	3° 0	19°10	n.a.	T 6
W 7	16 34 33	8°17'29	2♎56	21°20	10°25	11° 9	21° 2	5°28	22°19	12°46	15° 6	3°10	2°56	19°17	n.a.	W 7
T 8	16 38 30	9°14'35	14°47	21°34	11°37	11°48	20°59	5°23	22°17	12°47	15° 7	3°11	2°53	19°24	n.a.	T 8
F 9	16 42 26	10°11'42	26°37	21°54	12°49	12°27	20°56	5°19	22°16	12°47	15° 8	3°11	2°50	19°30	n.a.	F 9
S 10	16 46 23	11° 8'49	8♏32	22°19	14° 1	13° 6	20°54	5°15	22°14	12°48	15° 8	3°12	2°47	19°37	n.a.	S 10
S 11	16 50 19	12° 5'56	20°33	22°49	15°13	13°44	20°51	5°10	22°13	12°48	15° 9	3°13	2°44	19°44	n.a.	S 11
M12	16 54 16	13° 3'04	2♐44	23°25	16°26	14°23	20°49	5° 6	22°11	12°48	15°10	3°R13	2°41	19°50	n.a.	M12
T 13	16 58 12	14° 0'13	15° 6	24° 5	17°38	15° 2	20°47	5° 1	22° 9	12°49	15°11	3°13	2°37	19°57	n.a.	T 13
W14	17 2 9	14°57'21	27°40	24°51	18°50	15°40	20°45	4°57	22° 8	12°49	15°12	3°12	2°34	20° 4	n.a.	W14
T 15	17 6 5	15°54'31	10♑29	25°43	20° 2	16°19	20°43	4°53	22° 6	12°49	15°12	3°11	2°31	20°11	n.a.	T 15
F 16	17 10 2	16°51'41	23°31	26°39	21°15	16°57	20°41	4°49	22° 4	12°50	15°13	3° 9	2°28	20°17	n.a.	F 16
S 17	17 13 59	17°48'52	6♒47	27°40	22°27	17°36	20°40	4°44	22° 2	12°50	15°14	3° 7	2°25	20°24	n.a.	S 17
S 18	17 17 55	18°46'04	20°17	28°47	23°39	18°15	20°38	4°40	22° 0	12°50	15°15	3° 5	2°21	20°31	n.a.	S 18
M19	17 21 52	19°43'17	4♓ 1	29°58	24°52	18°53	20°37	4°36	21°58	12°50	15°15	3° 4	2°18	20°37	n.a.	M19
T 20	17 25 48	20°40'31	17°57	1♊14	26° 4	19°32	20°36	4°32	21°57	12°50	15°16	3°D 3	2°15	20°44	n.a.	T 20
W21	17 29 45	21°37'46	2♈ 5	2°35	27°17	20°10	20°36	4°28	21°55	12°50	15°17	3° 4	2°12	20°51	n.a.	W21
T 22	17 33 41	22°35'02	16°23	4° 0	28°29	20°49	20°35	4°24	21°53	12°50	15°17	3° 5	2° 9	20°57	n.a.	T 22
F 23	17 37 38	23°32'19	0♉49	5°30	29°42	21°27	20°35	4°20	21°51	12°R50	15°18	3° 6	2° 6	21° 4	n.a.	F 23
S 24	17 41 34	24°29'37	15°18	7° 4	0♊55	22° 6	20°D35	4°16	21°49	12°50	15°18	3° 7	2° 2	21°11	n.a.	S 24
S 25	17 45 31	25°26'56	29°47	8°42	2° 7	22°44	20°35	4°12	21°47	12°50	15°19	3°R 8	1°59	21°17	n.a.	S 25
M26	17 49 28	26°24'17	14♊10	10°24	3°20	23°23	20°35	4° 8	21°45	12°50	15°20	3° 7	1°56	21°24	n.a.	M26
T 27	17 53 24	27°21'39	28°23	12° 9	4°33	24° 1	20°35	4° 4	21°42	12°50	15°20	3° 6	1°53	21°31	n.a.	T 27
W28	17 57 21	28°19'01	12♋20	13°58	5°46	24°40	20°36	4° 0	21°40	12°50	15°21	3° 3	1°50	21°37	n.a.	W28
T 29	18 1 17	29°16'25	25°58	15°50	6°59	25°18	20°37	3°56	21°38	12°50	15°21	3° 0	1°47	21°44	n.a.	T 29
F 30	18 5 14	0♋13'49	9♌14	17♊44	8♊11	25♊57	20♎37	3♐53	21♑36	12♓50	15♈22	2♊56	1♊43	21♎51	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n58	26n15	3n43	14n14	4s21	11n19	1s33	22n34	0n45	7s20	1n13	20s23	1n13	22s28	0s37	8s26	1s41	7s51	15s 2	21n 5	21n 6	4s 3		n.a.
F 2	21 9	24 33	4 29	14 10	4 21	11 45	1 31	22 41	0 46	7 18	1 13	20 23	1 13	22 29	0 37	8 26	1 41	7 51	15 2	21 5	21 5	4 6		n.a.
S 3	21 20	21 36	5 0	14 8	4 20	12 10	1 30	22 48	0 46	7 17	1 13	20 22	1 13	22 29	0 37	8 25	1 41	7 51	15 3	21 5	21 5	4 9		n.a.
S 4	21 30	17 43	5 15	14 9	4 18	12 36	1 28	22 54	0 47	7 16	1 12	20 21	1 13	22 29	0 37	8 25	1 41	7 51	15 3	21 5	21 4	4 12		n.a.
M 5	21 40	13 11	5 16	14 12	4 14	13 1	1 26	23 1	0 47	7 15	1 12	20 20	1 13	22 29	0 37	8 25	1 41	7 51	15 3	21 5	21 3	4 16		n.a.
T 6	21 50	8 13	5 2	14 17	4 10	13 26	1 24	23 7	0 47	7 14	1 12	20 20	1 13	22 30	0 37	8 25	1 41	7 50	15 3	21 5	21 3	4 19		n.a.
W 7	21 59	3 1	4 36	14 25	4 4	13 51	1 22	23 13	0 48	7 13	1 12	20 19	1 13	22 30	0 37	8 25	1 41	7 50	15 4	21 5	21 2	4 22		n.a.
T 8	22 8	2s15	3 57	14 36	3 57	14 16	1 20	23 18	0 48	7 12	1 11	20 18	1 13	22 30	0 37	8 25	1 41	7 50	15 4	21 5	21 1	4 25		n.a.
F 9	22 17	7 28	3 9	14 48	3 49	14 40	1 18	23 24	0 49	7 11	1 11	20 18	1 12	22 30	0 37	8 25	1 42	7 50	15 4	21 5	21 1	4 28		n.a.
S 10	22 25	12 27	2 13	15 3	3 40	15 3	1 16	23 29	0 49	7 10	1 11	20 17	1 12	22 31	0 37	8 24	1 42	7 50	15 4	21 5	21 0	4 31		n.a.
S 11	22 33	17 1	1 10	15 20	3 31	15 27	1 14	23 35	0 49	7 10	1 10	20 16	1 12	22 31	0 37	8 24	1 42	7 50	15 4	21 5	21 0	4 34		n.a.
M12	22 41	20 57	0 3	15 39	3 21	15 50	1 12	23 40	0 50	7 9	1 10	20 16	1 12	22 31	0 37	8 24	1 42	7 50	15 5	21 5	20 59	4 37		n.a.
T 13	22 48	24 0	1s 5	16 0	3 10	16 13	1 10	23 45	0 50	7 9	1 10	20 15	1 12	22 32	0 37	8 24	1 42	7 50	15 5	21 5	20 58	4 41		n.a.
W14	22 54	25 56	2 11	16 22	2 58	16 35	1 7	23 49	0 50	7 8	1 10	20 14	1 12	22 32	0 37	8 24	1 42	7 50	15 5	21 5	20 58	4 44		n.a.
T 15	23 1	26 32	3 12	16 46	2 46	16 57	1 5	23 54	0 51	7 8	1 9	20 14	1 12	22 32	0 37	8 24	1 42	7 50	15 5	21 5	20 57	4 47		n.a.
F 16	23 7	25 41	4 4	17 11	2 34	17 19	1 3	23 58	0 51	7 7	1 9	20 13	1 12	22 33	0 37	8 24	1 42	7 50	15 6	21 5	20 56	4 50		n.a.
S 17	23 12	23 23	4 43	17 38	2 21	17 40	1 0	24 2	0 52	7 7	1 9	20 12	1 12	22 33	0 37	8 24	1 42	7 50	15 6	21 4	20 56	4 53		n.a.
S 18	23 17	19 47	5 8	18 5	2 8	18 0	0 58	24 6	0 52	7 7	1 8	20 12	1 12	22 33	0 37	8 24	1 42	7 49	15 6	21 4	20 55	4 56		n.a.
M19	23 22	15 3	5 16	18 34	1 54	18 21	0 56	24 10	0 52	7 7	1 8	20 11	1 11	22 34	0 37	8 24	1 42	7 49	15 6	21 4	20 55	4 59		n.a.
T 20	23 26	9 30	5 5	19 3	1 41	18 41	0 53	24 14	0 53	7 7	1 8	20 10	1 11	22 34	0 37	8 24	1 42	7 49	15 7	21 3	20 54	5 3		n.a.
W21	23 30	3 22	4 36	19 32	1 27	19 0	0 51	24 17	0 53	7 7	1 8	20 10	1 11	22 34	0 37	8 24	1 42	7 49	15 7	21 4	20 53	5 6		n.a.
T 22	23 33	3n 0	3 50	20 2	1 14	19 19	0 48	24 20	0 53	7 7	1 7	20 9	1 11	22 35	0 37	8 24	1 42	7 49	15 7	21 4	20 53	5 9		n.a.
F 23	23 37	9 17	2 49	20 32	1 0	19 37	0 46	24 23	0 54	7 7	1 7	20 8	1 11	22 35	0 37	8 24	1 42	7 49	15 7	21 4	20 52	5 12		n.a.
S 24	23 39	15 7	1 37	21 1	0 47	19 55	0 43	24 26	0 54	7 7	1 7	20 8	1 11	22 35	0 37	8 24	1 42	7 49	15 8	21 4	20 51	5 15		n.a.
S 25	23 41	20 5	0 18	21 30	0 33	20 12	0 41	24 28	0 55	7 7	1 6	20 7	1 11	22 36	0 37	8 24	1 43	7 49	15 8	21 4	20 51	5 18		n.a.
M26	23 43	23 49	1n 0	21 59	0 21	20 29	0 38	24 31	0 55	7 8	1 6	20 6	1 11	22 36	0 37	8 24	1 43	7 50	15 8	21 4	20 50	5 21		n.a.
T 27	23 45	26 0	2 14	22 26	0 8	20 46	0 36	24 33	0 55	7 8	1 6	20 6	1 10	22 36	0 37	8 25	1 43	7 50	15 9	21 4	20 49	5 25		n.a.
W28	23 45	26 29	3 19	22 52	0n 4	21 1	0 33	24 35	0 56	7 8	1 6	20 5	1 10	22 37	0 37	8 25	1 43	7 50	15 9	21 3	20 49	5 28		n.a.
T 29	23 46	25 21	4 10	23 16	0 16	21 16	0 30	24 37	0 56	7 9	1 5	20 5	1 10	22 37	0 37	8 25	1 43	7 50	15 9	21 3	20 48	5 31		n.a.
F 30	23n46	22n47	4n47	23n39	0n27	21n31	0s28	24n39	0n56	7s10	1n 5	20s 4	1n10	22s37	0s37	8s25	1s43	7s50	15s 9	21n 2	20n47	5s34		n.a.

Julian Day Number = 1500963.5, Delta T = 05h06m56s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'34, Lahiri = -12°17'34 Julian Calendar 1 June 604 BCE == Greg. Calendar 25 May 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

JULY 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 9 10	1♋11'15	22♌10	19♊41	9♊24	26♊35	20♎39	3°R49	21°R34	12°R49	15♈22	2°R51	1♊40	21♎57	n.a.	S 1
S 2	18 13 7	2° 8'41	4♍45	21°40	10°37	27°13	20°40	3♐45	21♑32	12♓49	15°23	2♊48	1°37	22° 4	n.a.	S 2
M 3	18 17 4	3° 6'08	17° 3	23°41	11°50	27°52	20°41	3°42	21°29	12°49	15°23	2°46	1°34	22°11	n.a.	M 3
T 4	18 21 0	4° 3'36	29° 7	25°42	13° 4	28°30	20°43	3°38	21°27	12°48	15°23	2°D44	1°31	22°17	n.a.	T 4
W 5	18 24 57	5° 1'05	11♎ 2	27°45	14°17	29° 9	20°45	3°35	21°25	12°48	15°24	2°44	1°27	22°24	n.a.	W 5
T 6	18 28 53	5°58'34	22°53	29°49	15°30	29°47	20°47	3°31	21°23	12°48	15°24	2°45	1°24	22°31	n.a.	T 6
F 7	18 32 50	6°56'05	4♏44	1♋52	16°43	0♋25	20°49	3°28	21°20	12°47	15°24	2°47	1°21	22°37	n.a.	F 7
S 8	18 36 46	7°53'37	16°41	3°56	17°56	1° 4	20°51	3°25	21°18	12°47	15°25	2°49	1°18	22°44	n.a.	S 8
S 9	18 40 43	8°51'10	28°48	5°59	19° 9	1°42	20°54	3°22	21°16	12°46	15°25	2°R50	1°15	22°51	n.a.	S 9
M10	18 44 39	9°48'45	11♐ 8	8° 2	20°23	2°20	20°57	3°19	21°13	12°46	15°25	2°49	1°12	22°57	n.a.	M10
T 11	18 48 36	10°46'20	23°43	10° 5	21°36	2°58	21° 0	3°16	21°11	12°45	15°26	2°48	1° 8	23° 4	n.a.	T 11
W12	18 52 33	11°43'57	6♑36	12° 6	22°50	3°37	21° 3	3°13	21° 9	12°44	15°26	2°44	1° 5	23°11	n.a.	W12
T 13	18 56 29	12°41'35	19°47	14° 7	24° 3	4°15	21° 6	3°10	21° 6	12°44	15°26	2°39	1° 2	23°18	n.a.	T 13
F 14	19 0 26	13°39'15	3♒13	16° 7	25°16	4°53	21° 9	3° 7	21° 4	12°43	15°26	2°32	0°59	23°24	n.a.	F 14
S 15	19 4 22	14°36'57	16°54	18° 5	26°30	5°32	21°13	3° 4	21° 2	12°43	15°26	2°26	0°56	23°31	n.a.	S 15
S 16	19 8 19	15°34'40	0♓47	20° 2	27°44	6°10	21°17	3° 1	20°59	12°42	15°27	2°19	0°53	23°38	n.a.	S 16
M17	19 12 15	16°32'24	14°48	21°58	28°57	6°48	21°21	2°59	20°57	12°41	15°27	2°14	0°49	23°44	n.a.	M17
T 18	19 16 12	17°30'11	28°54	23°53	0♋11	7°26	21°25	2°56	20°54	12°40	15°27	2°11	0°46	23°51	n.a.	T 18
W19	19 20 8	18°27'59	13♈ 3	25°47	1°25	8° 4	21°29	2°54	20°52	12°39	15°27	2°D 9	0°43	23°58	n.a.	W19
T 20	19 24 5	19°25'49	27°13	27°39	2°38	8°43	21°33	2°52	20°50	12°39	15°27	2° 9	0°40	24° 4	n.a.	T 20
F 21	19 28 2	20°23'41	11♉22	29°30	3°52	9°21	21°38	2°49	20°47	12°38	15°27	2°10	0°37	24°11	n.a.	F 21
S 22	19 31 58	21°21'35	25°29	1♌19	5° 6	9°59	21°43	2°47	20°45	12°37	15°27	2°R11	0°33	24°18	n.a.	S 22
S 23	19 35 55	22°19'31	9♊32	3° 7	6°20	10°37	21°48	2°45	20°42	12°36	15°R27	2°11	0°30	24°24	n.a.	S 23
M24	19 39 51	23°17'30	23°30	4°54	7°34	11°16	21°53	2°43	20°40	12°35	15°27	2° 9	0°27	24°31	n.a.	M24
T 25	19 43 48	24°15'29	7♋18	6°40	8°48	11°54	21°58	2°41	20°38	12°34	15°27	2° 5	0°24	24°38	n.a.	T 25
W26	19 47 44	25°13'31	20°55	8°24	10° 2	12°32	22° 3	2°39	20°35	12°33	15°27	1°59	0°21	24°44	n.a.	W26
T 27	19 51 41	26°11'35	4♌17	10° 7	11°16	13°10	22° 9	2°37	20°33	12°32	15°27	1°50	0°18	24°51	n.a.	T 27
F 28	19 55 37	27° 9'40	17°24	11°48	12°30	13°48	22°15	2°36	20°31	12°31	15°27	1°40	0°14	24°58	n.a.	F 28
S 29	19 59 34	28° 7'47	0♍12	13°29	13°44	14°26	22°21	2°34	20°28	12°30	15°27	1°31	0°11	25° 4	n.a.	S 29
S 30	20 3 31	29° 5'55	12°44	15° 8	14°58	15° 5	22°27	2°33	20°26	12°29	15°26	1°22	0° 8	25°11	n.a.	S 30
M31	20 7 27	0♌ 4'05	24♍59	16♌46	16♋12	15♋43	22♎33	2♐31	20♑23	12♓28	15♈26	1♊14	0♊ 5	25♎18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	19n 9	5n 8	23n59	0n38	21n45	0s25	24n40	0n57	7s10	1n 5	20s 4	1n10	22s38	0s37	8s25	1s43	7s50	15s10	21n 1	20n47	5s37		n.a.
S 2	23 45	14 44	5 13	24 18	0 47	21 58	0 23	24 41	0 57	7 11	1 4	20 3	1 10	22 38	0 37	8 25	1 43	7 50	15 10	21 0	20 46	5 40		n.a.
M 3	23 44	9 50	5 3	24 34	0 57	22 11	0 20	24 42	0 57	7 12	1 4	20 3	1 10	22 38	0 37	8 25	1 43	7 50	15 10	21 0	20 45	5 43		n.a.
T 4	23 42	4 38	4 41	24 47	1 5	22 23	0 17	24 43	0 58	7 13	1 4	20 2	1 9	22 39	0 37	8 26	1 43	7 50	15 10	21 0	20 45	5 46		n.a.
W 5	23 40	0s40	4 6	24 58	1 13	22 35	0 15	24 44	0 58	7 14	1 4	20 1	1 9	22 39	0 37	8 26	1 43	7 50	15 11	21 0	20 44	5 50		n.a.
T 6	23 38	5 55	3 21	25 6	1 20	22 46	0 12	24 44	0 58	7 15	1 3	20 1	1 9	22 40	0 37	8 26	1 43	7 50	15 11	21 0	20 44	5 53		n.a.
F 7	23 35	10 58	2 27	25 11	1 26	22 56	0 10	24 45	0 59	7 16	1 3	20 1	1 9	22 40	0 37	8 26	1 43	7 51	15 11	21 0	20 43	5 56		n.a.
S 8	23 32	15 40	1 27	25 14	1 31	23 6	0 7	24 45	0 59	7 17	1 3	20 0	1 9	22 40	0 37	8 26	1 43	7 51	15 12	21 1	20 42	5 59		n.a.
S 9	23 28	19 49	0 22	25 13	1 36	23 15	0 4	24 45	0 59	7 18	1 2	20 0	1 9	22 41	0 37	8 27	1 43	7 51	15 12	21 1	20 42	6 2		n.a.
M10	23 24	23 10	0s45	25 11	1 39	23 23	0 2	24 45	1 0	7 20	1 2	19 59	1 9	22 41	0 37	8 27	1 43	7 51	15 12	21 1	20 41	6 5		n.a.
T 11	23 19	25 28	1 51	25 5	1 43	23 31	0n 1	24 44	1 0	7 21	1 2	19 59	1 8	22 42	0 38	8 27	1 44	7 51	15 12	21 0	20 40	6 8		n.a.
W12	23 15	26 29	2 53	24 57	1 45	23 38	0 3	24 43	1 0	7 22	1 2	19 58	1 8	22 42	0 38	8 28	1 44	7 51	15 13	21 0	20 40	6 12		n.a.
T 13	23 9	26 2	3 47	24 46	1 47	23 44	0 6	24 43	1 1	7 24	1 1	19 58	1 8	22 42	0 38	8 28	1 44	7 51	15 13	20 59	20 39	6 15		n.a.
F 14	23 3	24 4	4 30	24 34	1 47	23 50	0 9	24 41	1 1	7 25	1 1	19 57	1 8	22 43	0 38	8 28	1 44	7 52	15 13	20 57	20 38	6 18		n.a.
S 15	22 57	20 42	4 58	24 18	1 48	23 54	0 11	24 40	1 1	7 27	1 1	19 57	1 8	22 43	0 38	8 28	1 44	7 52	15 14	20 56	20 38	6 21		n.a.
S 16	22 51	16 8	5 9	24 1	1 47	23 59	0 14	24 39	1 2	7 29	1 0	19 57	1 8	22 43	0 38	8 29	1 44	7 52	15 14	20 55	20 37	6 24		n.a.
M17	22 44	10 41	5 1	23 42	1 47	24 2	0 16	24 37	1 2	7 30	1 0	19 56	1 7	22 44	0 38	8 29	1 44	7 52	15 14	20 54	20 36	6 27		n.a.
T 18	22 36	4 39	4 36	23 21	1 45	24 5	0 18	24 35	1 2	7 32	1 0	19 56	1 7	22 44	0 38	8 29	1 44	7 53	15 15	20 53	20 36	6 30		n.a.
W19	22 29	1n38	3 54	22 58	1 43	24 7	0 21	24 33	1 2	7 34	1 0	19 56	1 7	22 45	0 38	8 30	1 44	7 53	15 15	20 53	20 35	6 33		n.a.
T 20	22 20	7 52	2 57	22 34	1 41	24 8	0 23	24 31	1 3	7 36	0 59	19 55	1 7	22 45	0 38	8 30	1 44	7 53	15 15	20 53	20 34	6 37		n.a.
F 21	22 12	13 42	1 50	22 8	1 38	24 8	0 26	24 29	1 3	7 38	0 59	19 55	1 7	22 45	0 38	8 31	1 44	7 53	15 15	20 53	20 34	6 40		n.a.
S 22	22 3	18 49	0 36	21 40	1 34	24 8	0 28	24 26	1 3	7 40	0 59	19 55	1 7	22 46	0 38	8 31	1 44	7 54	15 16	20 53	20 33	6 43		n.a.
S 23	21 53	22 50	0n39	21 12	1 31	24 7	0 30	24 24	1 4	7 42	0 59	19 55	1 6	22 46	0 38	8 31	1 44	7 54	15 16	20 53	20 32	6 46		n.a.
M24	21 44	25 28	1 52	20 42	1 26	24 6	0 33	24 21	1 4	7 44	0 58	19 54	1 6	22 46	0 38	8 32	1 44	7 54	15 16	20 53	20 32	6 49		n.a.
T 25	21 34	26 31	2 57	20 11	1 22	24 3	0 35	24 18	1 4	7 47	0 58	19 54	1 6	22 47	0 38	8 32	1 44	7 54	15 17	20 52	20 31	6 52		n.a.
W26	21 23	25 55	3 51	19 39	1 17	24 0	0 37	24 14	1 4	7 49	0 58	19 54	1 6	22 47	0 38	8 33	1 44	7 55	15 17	20 51	20 30	6 55		n.a.
T 27	21 12	23 50	4 31	19 6	1 12	23 56	0 39	24 11	1 5	7 51	0 57	19 54	1 6	22 48	0 38	8 33	1 44	7 55	15 17	20 49	20 30	6 58		n.a.
F 28	21 1	20 31	4 56	18 32	1 6	23 52	0 42	24 7	1 5	7 54	0 57	19 54	1 6	22 48	0 38	8 34	1 44	7 55	15 17	20 47	20 29	7 2		n.a.
S 29	20 49	16 18	5 5	17 58	1 0	23 46	0 44	24 3	1 5	7 56	0 57	19 54	1 5	22 48	0 38	8 34	1 45	7 56	15 18	20 45	20 28	7 5		n.a.
S 30	20 37	11 28	4 59	17 23	0 54	23 40	0 46	23 59	1 6	7 59	0 57	19 53	1 5	22 49	0 38	8 35	1 45	7 56	15 18	20 43	20 28	7 8		n.a.
M31	20n25	6n17	4n39	16n47	0n48	23n34	0n48	23n55	1n 6	8s 1	0n56	19s53	1n 5	22s49	0s38	8s35	1s45	7s56	15s18	20n41	20n27	7s11		n.a.

Julian Day Number = 1500993.5, Delta T = 05h06m55s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'30, Lahiri = -12°17'30 Julian Calendar 1 July 604 BCE == Greg. Calendar 24 June 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

AUGUST 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 11 24	1♌ 2'17	7♎ 2	18♌22	17♋26	16♋21	22♎39	2°R30	20°R21	12°R27	15°R26	1°R 9	0♊ 2	25♎24	n.a.	T 1
W 2	20 15 20	2° 0'31	18°56	19°58	18°40	16°59	22°46	2♐29	20♑19	12♓25	15♈26	1♊ 6	29♉59	25°31	n.a.	W 2
T 3	20 19 17	2°58'46	0♏46	21°32	19°55	17°37	22°52	2°28	20°16	12°24	15°26	1°D 5	29°55	25°38	n.a.	T 3
F 4	20 23 13	3°57'02	12°36	23° 5	21° 9	18°15	22°59	2°27	20°14	12°23	15°25	1° 5	29°52	25°44	n.a.	F 4
S 5	20 27 10	4°55'21	24°33	24°37	22°23	18°53	23° 6	2°26	20°12	12°22	15°25	1° 6	29°49	25°51	n.a.	S 5
S 6	20 31 6	5°53'41	6♐42	26° 7	23°38	19°31	23°13	2°25	20°10	12°21	15°25	1°R 6	29°46	25°58	n.a.	S 6
M 7	20 35 3	6°52'03	19° 7	27°37	24°52	20°10	23°20	2°24	20° 7	12°19	15°25	1° 5	29°43	26° 4	n.a.	M 7
T 8	20 39 0	7°50'26	1♑52	29° 5	26° 7	20°48	23°27	2°24	20° 5	12°18	15°24	1° 1	29°39	26°11	n.a.	T 8
W 9	20 42 56	8°48'52	14°58	0♒32	27°21	21°26	23°35	2°23	20° 3	12°17	15°24	0°54	29°36	26°18	n.a.	W 9
T 10	20 46 53	9°47'19	28°28	1°57	28°36	22° 4	23°42	2°23	20° 1	12°15	15°24	0°46	29°33	26°24	n.a.	T 10
F 11	20 50 49	10°45'49	12♓19	3°22	29°50	22°42	23°50	2°22	19°58	12°14	15°23	0°35	29°30	26°31	n.a.	F 11
S 12	20 54 46	11°44'20	26°27	4°45	1♌ 5	23°20	23°58	2°22	19°56	12°13	15°23	0°24	29°27	26°38	n.a.	S 12
S 13	20 58 42	12°42'53	10♈47	6° 7	2°19	23°58	24° 6	2°22	19°54	12°11	15°22	0°14	29°24	26°44	n.a.	S 13
M14	21 2 39	13°41'29	25°12	7°27	3°34	24°36	24°14	2°D22	19°52	12°10	15°22	0° 5	29°20	26°51	n.a.	M14
T 15	21 6 35	14°40'06	9♈38	8°46	4°48	25°14	24°22	2°22	19°50	12° 8	15°21	29♉58	29°17	26°58	n.a.	T 15
W16	21 10 32	15°38'46	23°59	10° 4	6° 3	25°52	24°31	2°22	19°48	12° 7	15°21	29°55	29°14	27° 4	n.a.	W16
T 17	21 14 29	16°37'29	8♉13	11°20	7°18	26°30	24°39	2°22	19°46	12° 5	15°20	29°53	29°11	27°11	n.a.	T 17
F 18	21 18 25	17°36'14	22°17	12°35	8°33	27° 8	24°48	2°23	19°44	12° 4	15°20	29°53	29° 8	27°18	n.a.	F 18
S 19	21 22 22	18°35'01	6♊11	13°48	9°47	27°46	24°56	2°23	19°42	12° 2	15°19	29°53	29° 5	27°24	n.a.	S 19
S 20	21 26 18	19°33'51	19°55	14°59	11° 2	28°24	25° 5	2°24	19°40	12° 1	15°19	29°52	29° 1	27°31	n.a.	S 20
M21	21 30 15	20°32'44	3♋29	16° 8	12°17	29° 3	25°14	2°24	19°38	11°59	15°18	29°48	28°58	27°38	n.a.	M21
T 22	21 34 11	21°31'38	16°53	17°16	13°32	29°41	25°23	2°25	19°36	11°58	15°18	29°42	28°55	27°44	n.a.	T 22
W23	21 38 8	22°30'35	0♌ 6	18°21	14°47	0♌19	25°33	2°26	19°34	11°56	15°17	29°33	28°52	27°51	n.a.	W23
T 24	21 42 4	23°29'35	13° 8	19°24	16° 2	0°57	25°42	2°27	19°32	11°55	15°16	29°21	28°49	27°58	n.a.	T 24
F 25	21 46 1	24°28'36	25°57	20°25	17°17	1°35	25°51	2°28	19°30	11°53	15°16	29° 8	28°45	28° 4	n.a.	F 25
S 26	21 49 57	25°27'39	8♍33	21°23	18°32	2°13	26° 1	2°29	19°28	11°52	15°15	28°54	28°42	28°11	n.a.	S 26
S 27	21 53 54	26°26'45	20°55	22°19	19°47	2°51	26°11	2°30	19°27	11°50	15°14	28°41	28°39	28°18	n.a.	S 27
M28	21 57 51	27°25'52	3♎ 5	23°11	21° 2	3°29	26°20	2°32	19°25	11°48	15°14	28°30	28°36	28°24	n.a.	M28
T 29	22 1 47	28°25'02	15° 4	24° 0	22°17	4° 7	26°30	2°33	19°23	11°47	15°13	28°22	28°33	28°31	n.a.	T 29
W30	22 5 44	29°24'13	26°55	24°46	23°32	4°45	26°40	2°35	19°22	11°45	15°12	28°16	28°30	28°38	n.a.	W30
T 31	22 9 40	0♍23'27	8♏43	25♍27	24♌47	5♌23	26♎50	2♐36	19♑20	11♓43	15♈12	28♉13	28♉26	28♎44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n12	0n57	4n 8	16n11	0n41	23n26	0n50	23n51	1n 6	8s 4	0n56	19s53	1n 5	22s49	0s38	8s35	1s45	7s56	15s19	20n40	20n26	7s14		n.a.
W 2	19 59	4s21	3 26	15 34	0 34	23 18	0 52	23 46	1 6	8 6	0 56	19 53	1 5	22 50	0 38	8 36	1 45	7 57	15 19	20 40	20 25	7 17		n.a.
T 3	19 46	9 29	2 35	14 57	0 27	23 9	0 54	23 42	1 7	8 9	0 56	19 53	1 5	22 50	0 38	8 36	1 45	7 57	15 19	20 40	20 25	7 20		n.a.
F 4	19 32	14 18	1 37	14 20	0 20	23 0	0 55	23 37	1 7	8 12	0 55	19 53	1 4	22 50	0 38	8 37	1 45	7 58	15 19	20 40	20 24	7 23		n.a.
S 5	19 18	18 36	0 35	13 42	0 13	22 49	0 57	23 32	1 7	8 15	0 55	19 53	1 4	22 51	0 38	8 38	1 45	7 58	15 20	20 40	20 23	7 27		n.a.
S 6	19 3	22 13	0s30	13 4	0 5	22 38	0 59	23 26	1 8	8 18	0 55	19 53	1 4	22 51	0 38	8 38	1 45	7 58	15 20	20 40	20 23	7 30		n.a.
M 7	18 49	24 53	1 34	12 26	0s 2	22 27	1 1	23 21	1 8	8 20	0 55	19 53	1 4	22 51	0 38	8 39	1 45	7 59	15 20	20 39	20 22	7 33		n.a.
T 8	18 34	26 21	2 36	11 48	0 10	22 14	1 2	23 15	1 8	8 23	0 54	19 53	1 4	22 52	0 38	8 39	1 45	7 59	15 20	20 39	20 21	7 36		n.a.
W 9	18 18	26 24	3 31	11 10	0 18	22 1	1 4	23 10	1 8	8 26	0 54	19 53	1 4	22 52	0 38	8 40	1 45	7 59	15 21	20 37	20 21	7 39		n.a.
T 10	18 2	24 55	4 16	10 31	0 26	21 48	1 6	23 4	1 9	8 29	0 54	19 53	1 3	22 52	0 38	8 40	1 45	8 0	15 21	20 35	20 20	7 42		n.a.
F 11	17 46	21 55	4 47	9 53	0 34	21 33	1 7	22 58	1 9	8 33	0 54	19 53	1 3	22 53	0 38	8 41	1 45	8 0	15 21	20 33	20 19	7 45		n.a.
S 12	17 30	17 34	5 1	9 15	0 42	21 18	1 9	22 51	1 9	8 36	0 54	19 54	1 3	22 53	0 38	8 41	1 45	8 1	15 22	20 31	20 19	7 48		n.a.
S 13	17 14	12 11	4 57	8 37	0 50	21 3	1 10	22 45	1 9	8 39	0 53	19 54	1 3	22 53	0 38	8 42	1 45	8 1	15 22	20 29	20 18	7 51		n.a.
M14	16 57	6 6	4 34	7 59	0 58	20 47	1 11	22 38	1 10	8 42	0 53	19 54	1 3	22 54	0 38	8 43	1 45	8 1	15 22	20 27	20 17	7 55		n.a.
T 15	16 39	0n18	3 53	7 22	1 7	20 30	1 13	22 32	1 10	8 45	0 53	19 54	1 2	22 54	0 38	8 43	1 45	8 2	15 22	20 25	20 16	7 58		n.a.
W16	16 22	6 41	2 58	6 45	1 15	20 12	1 14	22 25	1 10	8 49	0 53	19 54	1 2	22 54	0 38	8 44	1 45	8 2	15 23	20 25	20 16	8 1		n.a.
T 17	16 4	12 40	1 52	6 8	1 23	19 54	1 15	22 18	1 10	8 52	0 52	19 55	1 2	22 55	0 38	8 44	1 45	8 3	15 23	20 24	20 15	8 4		n.a.
F 18	15 46	17 57	0 40	5 31	1 32	19 36	1 16	22 10	1 11	8 55	0 52	19 55	1 2	22 55	0 38	8 45	1 45	8 3	15 23	20 24	20 14	8 7		n.a.
S 19	15 28	22 11	0n33	4 56	1 40	19 17	1 17	22 3	1 11	8 59	0 52	19 55	1 2	22 55	0 38	8 46	1 45	8 3	15 23	20 24	20 14	8 10		n.a.
S 20	15 9	25 6	1 44	4 20	1 48	18 57	1 18	21 55	1 11	9 2	0 52	19 55	1 2	22 55	0 38	8 46	1 45	8 4	15 24	20 24	20 13	8 13		n.a.
M21	14 50	26 31	2 48	3 46	1 56	18 37	1 19	21 48	1 11	9 6	0 51	19 56	1 1	22 56	0 37	8 47	1 45	8 4	15 24	20 23	20 12	8 16		n.a.
T 22	14 31	26 20	3 41	3 12	2 4	18 16	1 20	21 40	1 11	9 9	0 51	19 56	1 1	22 56	0 37	8 47	1 45	8 5	15 24	20 22	20 12	8 19		n.a.
W23	14 12	24 40	4 22	2 39	2 12	17 54	1 21	21 32	1 12	9 13	0 51	19 56	1 1	22 56	0 37	8 48	1 45	8 5	15 24	20 20	20 11	8 23		n.a.
T 24	13 52	21 42	4 48	2 7	2 20	17 33	1 21	21 24	1 12	9 17	0 51	19 57	1 1	22 57	0 37	8 49	1 46	8 6	15 25	20 17	20 10	8 26		n.a.
F 25	13 33	17 43	4 59	1 36	2 27	17 10	1 22	21 15	1 12	9 20	0 51	19 57	1 1	22 57	0 37	8 49	1 46	8 6	15 25	20 14	20 9	8 29		n.a.
S 26	13 13	13 2	4 56	1 6	2 35	16 47	1 23	21 7	1 12	9 24	0 50	19 57	1 0	22 57	0 37	8 50	1 46	8 7	15 25	20 11	20 9	8 32		n.a.
S 27	12 52	7 54	4 38	0 37	2 42	16 24	1 23	20 58	1 13	9 28	0 50	19 58	1 0	22 57	0 37	8 51	1 46	8 7	15 25	20 8	20 8	8 35		n.a.
M28	12 32	2 32	4 8	0 10	2 49	16 0	1 24	20 49	1 13	9 32	0 50	19 58	1 0	22 58	0 37	8 51	1 46	8 7	15 25	20 6	20 7	8 38		n.a.
T 29	12 11	2s50	3 27	0s16	2 55	15 36	1 24	20 41	1 13	9 35	0 50	19 59	1 0	22 58	0 37	8 52	1 46	8 8	15 26	20 4	20 7	8 41		n.a.
W30	11 50	8 4	2 37	0 40	3 2	15 11	1 24	20 31	1 13	9 39	0 50	19 59	1 0	22 58	0 37	8 52	1 46	8 8	15 26	20 3	20 6	8 44		n.a.
T 31	11n29	13s 0	1n41	1s 2	3s 7	14n46	1n25	20n22	1n13	9s43	0n49	20s 0	1n 0	22s58	0s37	8s53	1s46	8s 9	15s26	20n 2	20n 5	8s47		n.a.

Julian Day Number = 1501024.5, Delta T = 05h06m53s
Ecliptic obliquity = 23°46'09, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'26, Lahiri = -12°17'25 Julian Calendar 1 Aug. 604 BCE == Greg. Calendar 25 July 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

SEPTEMBER 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 13 37	1♍22'42	20♏31	26♍ 5	26♌ 2	6♌ 1	27♎ 0	2♐38	19°R18	11°R42	15°R11	28°R12	28♉23	28♎51	n.a.	F 1
S 2	22 17 33	2°21'59	2♐26	26°37	27°17	6°39	27°11	2°40	19♑17	11♓40	15♈10	28♉12	28°20	28°58	n.a.	S 2
S 3	22 21 30	3°21'19	14°33	27° 5	28°32	7°17	27°21	2°42	19°15	11°39	15° 9	28°12	28°17	29° 4	n.a.	S 3
M 4	22 25 26	4°20'40	26°57	27°28	29°47	7°55	27°31	2°44	19°14	11°37	15° 8	28°10	28°14	29°11	n.a.	M 4
T 5	22 29 23	5°20'03	9♑43	27°44	1♍ 2	8°33	27°42	2°46	19°12	11°35	15° 8	28° 7	28°10	29°18	n.a.	T 5
W 6	22 33 20	6°19'28	22°55	27°54	2°18	9°11	27°53	2°48	19°11	11°34	15° 7	28° 0	28° 7	29°24	n.a.	W 6
T 7	22 37 16	7°18'55	6♒34	27°R57	3°33	9°49	28° 3	2°50	19°10	11°32	15° 6	27°51	28° 4	29°31	n.a.	T 7
F 8	22 41 13	8°18'24	20°40	27°53	4°48	10°27	28°14	2°53	19° 8	11°30	15° 5	27°40	28° 1	29°38	n.a.	F 8
S 9	22 45 9	9°17'55	5♓ 8	27°41	6° 3	11° 5	28°25	2°55	19° 7	11°28	15° 4	27°29	27°58	29°44	n.a.	S 9
S 10	22 49 6	10°17'28	19°52	27°21	7°18	11°43	28°36	2°58	19° 6	11°27	15° 3	27°18	27°55	29°51	n.a.	S 10
M11	22 53 2	11°17'03	4♈44	26°52	8°34	12°21	28°47	3° 0	19° 5	11°25	15° 2	27° 8	27°51	29°58	n.a.	M11
T 12	22 56 59	12°16'41	19°35	26°15	9°49	12°59	28°59	3° 3	19° 3	11°23	15° 1	27° 1	27°48	0♏ 4	n.a.	T 12
W13	23 0 55	13°16'21	4♉17	25°29	11° 4	13°37	29°10	3° 6	19° 2	11°22	15° 0	26°57	27°45	0°11	n.a.	W13
T 14	23 4 52	14°16'03	18°45	24°36	12°19	14°15	29°21	3° 9	19° 1	11°20	15° 0	26°55	27°42	0°18	n.a.	T 14
F 15	23 8 48	15°15'48	2♊57	23°35	13°35	14°53	29°33	3°12	19° 0	11°18	14°59	26°D55	27°39	0°24	n.a.	F 15
S 16	23 12 45	16°15'35	16°50	22°29	14°50	15°31	29°44	3°15	18°59	11°17	14°58	26°R55	27°36	0°31	n.a.	S 16
S 17	23 16 42	17°15'25	0♋27	21°17	16° 5	16° 9	29°56	3°18	18°58	11°15	14°57	26°55	27°32	0°38	n.a.	S 17
M18	23 20 38	18°15'17	13°47	20° 3	17°21	16°47	0♏ 7	3°21	18°57	11°13	14°56	26°52	27°29	0°44	n.a.	M18
T 19	23 24 35	19°15'11	26°53	18°48	18°36	17°25	0°19	3°25	18°57	11°12	14°55	26°47	27°26	0°51	n.a.	T 19
W20	23 28 31	20°15'08	9♌47	17°34	19°52	18° 3	0°31	3°28	18°56	11°10	14°54	26°39	27°23	0°58	n.a.	W20
T 21	23 32 28	21°15'06	22°29	16°23	21° 7	18°41	0°43	3°32	18°55	11° 8	14°53	26°28	27°20	1° 4	n.a.	T 21
F 22	23 36 24	22°15'07	4♍59	15°19	22°22	19°19	0°55	3°35	18°54	11° 7	14°52	26°16	27°16	1°11	n.a.	F 22
S 23	23 40 21	23°15'10	17°20	14°22	23°38	19°57	1° 7	3°39	18°54	11° 5	14°51	26° 4	27°13	1°18	n.a.	S 23
S 24	23 44 17	24°15'15	29°30	13°34	24°53	20°35	1°19	3°43	18°53	11° 4	14°50	25°52	27°10	1°24	n.a.	S 24
M25	23 48 14	25°15'22	11♎31	12°57	26° 9	21°13	1°31	3°47	18°53	11° 2	14°48	25°43	27° 7	1°31	n.a.	M25
T 26	23 52 11	26°15'31	23°25	12°31	27°24	21°51	1°43	3°51	18°52	11° 0	14°47	25°35	27° 4	1°38	n.a.	T 26
W27	23 56 7	27°15'42	5♏14	12°17	28°39	22°29	1°56	3°55	18°52	10°59	14°46	25°30	27° 1	1°44	n.a.	W27
T 28	0 0 4	28°15'55	17° 0	12°D14	29°55	23° 7	2° 8	3°59	18°51	10°57	14°45	25°28	26°57	1°51	n.a.	T 28
F 29	0 4 0	29°16'09	28°47	12°22	1♎10	23°45	2°20	4° 3	18°51	10°55	14°44	25°D27	26°54	1°58	n.a.	F 29
S 30	0 7 57	0♎16'25	10♐40	12♍41	2♎26	24♌23	2♏33	4♐ 7	18♑51	10♓54	14♈43	25♉28	26♉51	2♏ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n 8	17s29	0n41	1s22	3s13	14n21	1n25	20n13	1n14	9s47	0n49	20s 0	0n59	22s58	0s37	8s54	1s46	8s 9	15s26	20n 2	20n 4	8s51		n.a.
S 2	10 46	21 18	0s22	1 39	3 17	13 55	1 25	20 3	1 14	9 51	0 49	20 1	0 59	22 59	0 37	8 54	1 46	8 10	15 26	20 2	20 4	8 54		n.a.
S 3	10 25	24 17	1 25	1 54	3 22	13 28	1 25	19 54	1 14	9 55	0 49	20 1	0 59	22 59	0 37	8 55	1 46	8 10	15 27	20 2	20 3	8 57		n.a.
M 4	10 3	26 10	2 26	2 6	3 25	13 2	1 25	19 44	1 14	9 59	0 49	20 2	0 59	22 59	0 37	8 56	1 46	8 11	15 27	20 2	20 2	9 0		n.a.
T 5	9 41	26 45	3 21	2 15	3 28	12 35	1 25	19 34	1 15	10 3	0 48	20 2	0 59	22 59	0 37	8 56	1 46	8 11	15 27	20 1	20 2	9 3		n.a.
W 6	9 19	25 51	4 7	2 21	3 29	12 7	1 25	19 24	1 15	10 7	0 48	20 3	0 59	22 59	0 37	8 57	1 46	8 12	15 27	19 59	20 1	9 6		n.a.
T 7	8 57	23 24	4 41	2 23	3 30	11 39	1 25	19 14	1 15	10 11	0 48	20 4	0 58	23 0	0 37	8 58	1 46	8 12	15 27	19 57	20 0	9 9		n.a.
F 8	8 34	19 30	4 59	2 20	3 29	11 11	1 24	19 4	1 15	10 15	0 48	20 4	0 58	23 0	0 37	8 58	1 46	8 13	15 28	19 55	19 59	9 12		n.a.
S 9	8 11	14 22	4 58	2 14	3 27	10 43	1 24	18 53	1 15	10 19	0 48	20 5	0 58	23 0	0 37	8 59	1 46	8 13	15 28	19 52	19 59	9 15		n.a.
S 10	7 49	8 19	4 38	2 3	3 24	10 14	1 24	18 43	1 16	10 23	0 48	20 6	0 58	23 0	0 37	9 0	1 46	8 14	15 28	19 50	19 58	9 18		n.a.
M11	7 26	1 45	3 59	1 46	3 19	9 45	1 23	18 32	1 16	10 27	0 47	20 6	0 58	23 0	0 37	9 0	1 46	8 14	15 28	19 47	19 57	9 21		n.a.
T 12	7 3	4n56	3 4	1 25	3 12	9 16	1 23	18 22	1 16	10 32	0 47	20 7	0 58	23 0	0 37	9 1	1 46	8 15	15 28	19 46	19 57	9 25		n.a.
W13	6 40	11 17	1 57	0 59	3 4	8 47	1 22	18 11	1 16	10 36	0 47	20 8	0 57	23 1	0 37	9 2	1 46	8 15	15 28	19 45	19 56	9 28		n.a.
T 14	6 16	16 57	0 43	0 28	2 53	8 17	1 22	18 0	1 16	10 40	0 47	20 8	0 57	23 1	0 37	9 2	1 46	8 16	15 28	19 44	19 55	9 31		n.a.
F 15	5 53	21 34	0n32	0n 7	2 41	7 47	1 21	17 49	1 16	10 44	0 47	20 9	0 57	23 1	0 37	9 3	1 46	8 16	15 29	19 44	19 54	9 34		n.a.
S 16	5 30	24 50	1 44	0 47	2 26	7 17	1 20	17 37	1 17	10 49	0 46	20 10	0 57	23 1	0 37	9 4	1 46	8 17	15 29	19 44	19 54	9 37		n.a.
S 17	5 6	26 34	2 48	1 31	2 10	6 47	1 19	17 26	1 17	10 53	0 46	20 11	0 57	23 1	0 37	9 4	1 46	8 17	15 29	19 44	19 53	9 40		n.a.
M18	4 42	26 43	3 42	2 16	1 53	6 16	1 19	17 14	1 17	10 57	0 46	20 11	0 57	23 1	0 37	9 5	1 46	8 18	15 29	19 44	19 52	9 43		n.a.
T 19	4 19	25 22	4 23	3 4	1 34	5 45	1 18	17 3	1 17	11 1	0 46	20 12	0 56	23 1	0 37	9 6	1 46	8 18	15 29	19 42	19 51	9 46		n.a.
W20	3 55	22 41	4 50	3 51	1 14	5 14	1 17	16 51	1 17	11 6	0 46	20 13	0 56	23 1	0 37	9 6	1 46	8 19	15 29	19 40	19 51	9 49		n.a.
T 21	3 31	18 57	5 2	4 38	0 53	4 43	1 16	16 39	1 17	11 10	0 46	20 14	0 56	23 1	0 37	9 7	1 46	8 19	15 29	19 38	19 50	9 52		n.a.
F 22	3 7	14 26	4 59	5 22	0 32	4 12	1 14	16 28	1 18	11 14	0 45	20 15	0 56	23 1	0 37	9 7	1 46	8 20	15 29	19 35	19 49	9 55		n.a.
S 23	2 43	9 24	4 43	6 3	0 12	3 41	1 13	16 15	1 18	11 19	0 45	20 16	0 56	23 2	0 37	9 8	1 46	8 20	15 30	19 32	19 49	9 58		n.a.
S 24	2 19	4 4	4 13	6 40	0n 7	3 10	1 12	16 3	1 18	11 23	0 45	20 17	0 56	23 2	0 37	9 9	1 46	8 21	15 30	19 29	19 48	10 1		n.a.
M25	1 55	1s22	3 32	7 11	0 26	2 38	1 11	15 51	1 18	11 28	0 45	20 17	0 55	23 2	0 37	9 9	1 46	8 21	15 30	19 27	19 47	10 5		n.a.
T 26	1 30	6 42	2 43	7 37	0 43	2 6	1 9	15 39	1 18	11 32	0 45	20 18	0 55	23 2	0 37	9 10	1 46	8 22	15 30	19 25	19 46	10 8		n.a.
W27	1 6	11 47	1 46	7 57	0 59	1 35	1 8	15 26	1 18	11 37	0 45	20 19	0 55	23 2	0 37	9 11	1 46	8 22	15 30	19 24	19 46	10 11		n.a.
T 28	0 42	16 25	0 45	8 11	1 13	1 3	1 7	15 14	1 19	11 41	0 45	20 20	0 55	23 2	0 37	9 11	1 46	8 22	15 30	19 24	19 45	10 14		n.a.
F 29	0 18	20 27	0s18	8 20	1 26	0 31	1 5	15 1	1 19	11 45	0 44	20 21	0 55	23 2	0 37	9 12	1 46	8 23	15 30	19 23	19 44	10 17		n.a.
S 30	0s 7	23s41	1s21	8n23	1n37	0s 0	1n 4	14n49	1n19	11s50	0n44	20s22	0n55	23s 2	0s37	9s12	1s46	8s23	15s30	19n24	19n43	10s20		n.a.

Julian Day Number = 1501055.5, Delta T = 05h06m52s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'22, Lahiri = -12°17'21 Julian Calendar 1 Sept. 604 BCE == Greg. Calendar 25 Aug. 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

OCTOBER 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 11 53	1♎16'43	22♐44	13♍ 9	3♎41	25♌ 1	2♏45	4♐12	18°R50	10°R52	14°R42	25♉29	26♉48	2♏11	n.a.	S 1
M 2	0 15 50	2°17'02	5♑ 5	13°47	4°57	25°39	2°58	4°16	18♑50	10♓51	14♈41	25°R30	26°45	2°18	n.a.	M 2
T 3	0 19 46	3°17'23	17°47	14°33	6°12	26°17	3°10	4°20	18°50	10°49	14°40	25°28	26°42	2°24	n.a.	T 3
W 4	0 23 43	4°17'46	0♒54	15°26	7°27	26°55	3°23	4°25	18°50	10°48	14°39	25°25	26°38	2°31	n.a.	W 4
T 5	0 27 40	5°18'10	14°30	16°26	8°43	27°33	3°36	4°30	18°D50	10°46	14°38	25°20	26°35	2°38	n.a.	T 5
F 6	0 31 36	6°18'35	28°36	17°31	9°58	28°11	3°49	4°34	18°50	10°45	14°36	25°13	26°32	2°44	n.a.	F 6
S 7	0 35 33	7°19'02	13♓ 9	18°41	11°14	28°49	4° 2	4°39	18°50	10°43	14°35	25° 5	26°29	2°51	n.a.	S 7
S 8	0 39 29	8°19'31	28° 4	19°56	12°29	29°27	4°14	4°44	18°50	10°42	14°34	24°58	26°26	2°57	n.a.	S 8
M 9	0 43 26	9°20'01	13♈12	21°14	13°45	0♍ 5	4°27	4°49	18°50	10°40	14°33	24°51	26°22	3° 4	n.a.	M 9
T 10	0 47 22	10°20'33	28°23	22°35	15° 0	0°43	4°40	4°54	18°51	10°39	14°32	24°47	26°19	3°11	n.a.	T 10
W11	0 51 19	11°21'07	13♉27	23°58	16°16	1°21	4°53	4°59	18°51	10°38	14°31	24°44	26°16	3°17	n.a.	W11
T 12	0 55 15	12°21'43	28°17	25°24	17°31	1°59	5° 6	5° 4	18°51	10°36	14°30	24°D44	26°13	3°24	n.a.	T 12
F 13	0 59 12	13°22'21	12♊45	26°51	18°46	2°37	5°19	5° 9	18°51	10°35	14°29	24°45	26°10	3°31	n.a.	F 13
S 14	1 3 8	14°23'00	26°51	28°20	20° 2	3°15	5°33	5°15	18°52	10°34	14°27	24°46	26° 7	3°37	n.a.	S 14
S 15	1 7 5	15°23'42	10♋32	29°51	21°17	3°53	5°46	5°20	18°52	10°32	14°26	24°R47	26° 3	3°44	n.a.	S 15
M16	1 11 2	16°24'25	23°51	1♎22	22°33	4°31	5°59	5°25	18°53	10°31	14°25	24°47	26° 0	3°51	n.a.	M16
T 17	1 14 58	17°25'10	6♌50	2°54	23°48	5° 9	6°12	5°31	18°53	10°30	14°24	24°45	25°57	3°57	n.a.	T 17
W18	1 18 55	18°25'57	19°33	4°26	25° 4	5°47	6°26	5°36	18°54	10°28	14°23	24°41	25°54	4° 4	n.a.	W18
T 19	1 22 51	19°26'45	2♍ 0	5°59	26°19	6°25	6°39	5°42	18°55	10°27	14°22	24°36	25°51	4°11	n.a.	T 19
F 20	1 26 48	20°27'35	14°17	7°33	27°35	7° 2	6°52	5°47	18°56	10°26	14°21	24°30	25°47	4°17	n.a.	F 20
S 21	1 30 44	21°28'27	26°23	9° 7	28°50	7°40	7° 6	5°53	18°56	10°25	14°19	24°24	25°44	4°24	n.a.	S 21
S 22	1 34 41	22°29'20	8♎23	10°41	0♏ 5	8°18	7°19	5°59	18°57	10°24	14°18	24°18	25°41	4°31	n.a.	S 22
M23	1 38 37	23°30'14	20°16	12°15	1°21	8°56	7°32	6° 4	18°58	10°22	14°17	24°13	25°38	4°37	n.a.	M23
T 24	1 42 34	24°31'10	2♏ 5	13°49	2°36	9°34	7°46	6°10	18°59	10°21	14°16	24° 9	25°35	4°44	n.a.	T 24
W25	1 46 31	25°32'07	13°53	15°23	3°52	10°12	7°59	6°16	19° 0	10°20	14°15	24° 7	25°32	4°51	n.a.	W25
T 26	1 50 27	26°33'05	25°40	16°58	5° 7	10°50	8°13	6°22	19° 1	10°19	14°14	24°D 6	25°28	4°57	n.a.	T 26
F 27	1 54 24	27°34'04	7♐30	18°32	6°23	11°28	8°26	6°28	19° 2	10°18	14°13	24° 7	25°25	5° 4	n.a.	F 27
S 28	1 58 20	28°35'05	19°26	20° 6	7°38	12° 6	8°40	6°34	19° 3	10°17	14°12	24° 9	25°22	5°11	n.a.	S 28
S 29	2 2 17	29°36'06	1♑32	21°41	8°53	12°44	8°54	6°40	19° 4	10°16	14°11	24°11	25°19	5°17	n.a.	S 29
M30	2 6 13	0♏37'08	13°52	23°15	10° 9	13°21	9° 7	6°46	19° 6	10°15	14°10	24°12	25°16	5°24	n.a.	M30
T 31	2 10 10	1♏38'11	26♑30	24♎49	11♏24	13♍59	9♏21	6♐53	19♑ 7	10♓14	14♈ 8	24°R13	25♉13	5♏31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	0s31	25s55	2s21	8n20	1n46	0s32	1n 2	14n36	1n19	11s54	0n44	20s23	0n55	23s 2	0s37	9s13	1s46	8s24	15s30	19n24	19n43	10s23		n.a.	S 1
M 2	0 55	26 57	3 17	8 12	1 54	1 4	1 0	14 23	1 19	11 59	0 44	20 24	0 54	23 2	0 37	9 14	1 46	8 24	15 30	19 24	19 42	10 26		n.a.	M 2
T 3	1 20	26 36	4 4	8 0	2 0	1 36	0 59	14 10	1 19	12 3	0 44	20 25	0 54	23 2	0 37	9 14	1 46	8 25	15 30	19 24	19 41	10 29		n.a.	T 3
W 4	1 44	24 47	4 40	7 44	2 5	2 8	0 57	13 57	1 19	12 8	0 44	20 26	0 54	23 2	0 37	9 15	1 46	8 25	15 30	19 23	19 40	10 32		n.a.	W 4
T 5	2 8	21 31	5 2	7 23	2 8	2 39	0 55	13 44	1 20	12 12	0 44	20 27	0 54	23 2	0 37	9 15	1 46	8 26	15 30	19 22	19 40	10 35		n.a.	T 5
F 6	2 32	16 54	5 7	7 0	2 11	3 11	0 53	13 31	1 20	12 17	0 43	20 28	0 54	23 2	0 37	9 16	1 46	8 26	15 30	19 20	19 39	10 38		n.a.	F 6
S 7	2 57	11 12	4 53	6 33	2 12	3 43	0 52	13 17	1 20	12 21	0 43	20 29	0 54	23 2	0 37	9 16	1 46	8 27	15 30	19 18	19 38	10 41		n.a.	S 7
S 8	3 21	4 43	4 18	6 4	2 12	4 14	0 50	13 4	1 20	12 26	0 43	20 30	0 54	23 2	0 37	9 17	1 46	8 27	15 30	19 16	19 37	10 44		n.a.	S 8
M 9	3 45	2n 8	3 25	5 32	2 12	4 46	0 48	12 51	1 20	12 30	0 43	20 31	0 53	23 2	0 36	9 17	1 46	8 27	15 30	19 15	19 37	10 47		n.a.	M 9
T 10	4 9	8 54	2 18	4 59	2 10	5 17	0 46	12 37	1 20	12 35	0 43	20 32	0 53	23 2	0 36	9 18	1 46	8 28	15 30	19 13	19 36	10 50		n.a.	T 10
W11	4 33	15 8	1 1	4 23	2 8	5 48	0 44	12 23	1 20	12 40	0 43	20 33	0 53	23 1	0 36	9 18	1 46	8 28	15 30	19 13	19 35	10 53		n.a.	W11
T 12	4 57	20 22	0n19	3 46	2 6	6 20	0 42	12 10	1 20	12 44	0 43	20 34	0 53	23 1	0 36	9 19	1 45	8 29	15 30	19 13	19 34	10 57		n.a.	T 12
F 13	5 21	24 14	1 36	3 8	2 3	6 51	0 40	11 56	1 21	12 49	0 42	20 35	0 53	23 1	0 36	9 19	1 45	8 29	15 30	19 13	19 34	11 0		n.a.	F 13
S 14	5 45	26 29	2 46	2 29	1 59	7 21	0 38	11 42	1 21	12 53	0 42	20 36	0 53	23 1	0 36	9 20	1 45	8 30	15 30	19 13	19 33	11 3		n.a.	S 14
S 15	6 9	27 3	3 43	1 49	1 55	7 52	0 35	11 28	1 21	12 58	0 42	20 37	0 53	23 1	0 36	9 20	1 45	8 30	15 30	19 14	19 32	11 6		n.a.	S 15
M16	6 32	26 1	4 27	1 8	1 50	8 23	0 33	11 14	1 21	13 2	0 42	20 39	0 52	23 1	0 36	9 21	1 45	8 30	15 30	19 13	19 31	11 9		n.a.	M16
T 17	6 56	23 35	4 56	0 26	1 45	8 53	0 31	11 0	1 21	13 7	0 42	20 40	0 52	23 1	0 36	9 21	1 45	8 31	15 30	19 13	19 31	11 12		n.a.	T 17
W18	7 19	20 3	5 10	0s16	1 40	9 23	0 29	10 46	1 21	13 11	0 42	20 41	0 52	23 1	0 36	9 22	1 45	8 31	15 30	19 12	19 30	11 15		n.a.	W18
T 19	7 43	15 42	5 9	0 58	1 35	9 53	0 27	10 32	1 21	13 16	0 42	20 42	0 52	23 1	0 36	9 22	1 45	8 32	15 30	19 11	19 29	11 18		n.a.	T 19
F 20	8 6	10 46	4 53	1 41	1 29	10 23	0 24	10 18	1 21	13 20	0 42	20 43	0 52	23 1	0 36	9 23	1 45	8 32	15 30	19 9	19 28	11 21		n.a.	F 20
S 21	8 29	5 29	4 25	2 24	1 23	10 52	0 22	10 4	1 21	13 25	0 42	20 44	0 52	23 0	0 36	9 23	1 45	8 32	15 30	19 8	19 27	11 24		n.a.	S 21
S 22	8 52	0 4	3 44	3 6	1 17	11 21	0 20	9 50	1 21	13 30	0 41	20 45	0 52	23 0	0 36	9 23	1 45	8 33	15 30	19 6	19 27	11 27		n.a.	S 22
M23	9 15	5s20	2 55	3 49	1 11	11 50	0 17	9 35	1 22	13 34	0 41	20 46	0 52	23 0	0 36	9 24	1 45	8 33	15 30	19 5	19 26	11 30		n.a.	M23
T 24	9 38	10 31	1 58	4 32	1 4	12 19	0 15	9 21	1 22	13 39	0 41	20 48	0 51	23 0	0 36	9 24	1 45	8 33	15 30	19 4	19 25	11 33		n.a.	T 24
W25	10 0	15 20	0 56	5 15	0 58	12 47	0 13	9 6	1 22	13 43	0 41	20 49	0 51	23 0	0 36	9 25	1 45	8 34	15 30	19 4	19 24	11 36		n.a.	W25
T 26	10 23	19 35	0s 9	5 58	0 51	13 15	0 10	8 52	1 22	13 48	0 41	20 50	0 51	23 0	0 36	9 25	1 45	8 34	15 30	19 3	19 24	11 39		n.a.	T 26
F 27	10 45	23 4	1 13	6 40	0 45	13 42	0 8	8 37	1 22	13 52	0 41	20 51	0 51	22 59	0 36	9 25	1 45	8 34	15 30	19 4	19 23	11 42		n.a.	F 27
S 28	11 7	25 35	2 15	7 23	0 38	14 10	0 5	8 23	1 22	13 57	0 41	20 52	0 51	22 59	0 36	9 26	1 45	8 35	15 29	19 4	19 22	11 45		n.a.	S 28
S 29	11 29	26 58	3 12	8 5	0 31	14 37	0 3	8 8	1 22	14 1	0 41	20 53	0 51	22 59	0 36	9 26	1 45	8 35	15 29	19 4	19 21	11 48		n.a.	S 29
M30	11 51	27 2	4 1	8 47	0 25	15 3	0 1	7 53	1 22	14 6	0 41	20 54	0 51	22 59	0 36	9 26	1 45	8 35	15 29	19 5	19 21	11 51		n.a.	M30
T 31	12s12	25s43	4s40	9s28	0n18	15s29	0s 2	7n39	1n22	14s10	0n40	20s56	0n51	22s59	0s36	9s27	1s45	8s36	15s29	19n 5	19n20	11s54		n.a.	T 31

Julian Day Number = 1501085.5, Delta T = 05h06m50s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'17, Lahiri = -12°17'17 Julian Calendar 1 Oct. 604 BCE == Greg. Calendar 24 Sept. 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

NOVEMBER 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 14 6	2♏39'14	9♒30	26♎24	12♏40	14♍37	9♏34	6♐59	19♉ 8	10°R13	14°R 7	24°R13	25♉ 9	5♏37	n.a.	W 1
T 2	2 18 3	3°40'19	22°57	27°58	13°55	15°15	9°48	7° 5	19°10	10♓13	14♈ 6	24♉12	25° 6	5°44	n.a.	T 2
F 3	2 22 0	4°41'24	6♓51	29°32	15°10	15°53	10° 2	7°11	19°11	10°12	14° 5	24°10	25° 3	5°51	n.a.	F 3
S 4	2 25 56	5°42'29	21°13	1♏ 6	16°26	16°31	10°15	7°18	19°12	10°11	14° 4	24° 7	25° 0	5°57	n.a.	S 4
S 5	2 29 53	6°43'35	6♈ 0	2°40	17°41	17° 9	10°29	7°24	19°14	10°10	14° 3	24° 5	24°57	6° 4	n.a.	S 5
M 6	2 33 49	7°44'42	21° 5	4°15	18°56	17°46	10°43	7°31	19°16	10° 9	14° 2	24° 3	24°53	6°10	n.a.	M 6
T 7	2 37 46	8°45'50	6♉20	5°49	20°12	18°24	10°56	7°37	19°17	10° 9	14° 1	24° 2	24°50	6°17	n.a.	T 7
W 8	2 41 42	9°46'58	21°34	7°23	21°27	19° 2	11°10	7°43	19°19	10° 8	14° 0	24°D 1	24°47	6°24	n.a.	W 8
T 9	2 45 39	10°48'07	6♊39	8°57	22°42	19°40	11°24	7°50	19°21	10° 7	13°59	24° 1	24°44	6°30	n.a.	T 9
F 10	2 49 36	11°49'18	21°25	10°32	23°58	20°18	11°37	7°57	19°22	10° 7	13°58	24° 2	24°41	6°37	n.a.	F 10
S 11	2 53 32	12°50'29	5♋47	12° 6	25°13	20°55	11°51	8° 3	19°24	10° 6	13°57	24° 3	24°38	6°44	n.a.	S 11
S 12	2 57 29	13°51'41	19°42	13°41	26°28	21°33	12° 5	8°10	19°26	10° 6	13°56	24° 4	24°34	6°50	n.a.	S 12
M13	3 1 25	14°52'53	3♌10	15°15	27°44	22°11	12°18	8°17	19°28	10° 5	13°55	24° 5	24°31	6°57	n.a.	M13
T 14	3 5 22	15°54'07	16°13	16°50	28°59	22°49	12°32	8°23	19°30	10° 5	13°54	24°R 5	24°28	7° 4	n.a.	T 14
W15	3 9 18	16°55'21	28°54	18°25	0♐14	23°26	12°46	8°30	19°32	10° 4	13°53	24° 5	24°25	7°10	n.a.	W15
T 16	3 13 15	17°56'36	11♍17	20° 0	1°29	24° 4	13° 0	8°37	19°34	10° 4	13°52	24° 4	24°22	7°17	n.a.	T 16
F 17	3 17 11	18°57'52	23°25	21°36	2°45	24°42	13°13	8°44	19°36	10° 3	13°51	24° 3	24°19	7°24	n.a.	F 17
S 18	3 21 8	19°59'08	5♎24	23°11	4° 0	25°20	13°27	8°50	19°38	10° 3	13°51	24° 3	24°15	7°30	n.a.	S 18
S 19	3 25 5	21° 0'25	17°16	24°47	5°15	25°57	13°41	8°57	19°40	10° 3	13°50	24° 2	24°12	7°37	n.a.	S 19
M20	3 29 1	22° 1'42	29° 4	26°23	6°30	26°35	13°54	9° 4	19°42	10° 3	13°49	24° 2	24° 9	7°44	n.a.	M20
T 21	3 32 58	23° 2'59	10♏51	27°59	7°46	27°13	14° 8	9°11	19°44	10° 2	13°48	24° 2	24° 6	7°50	n.a.	T 21
W22	3 36 54	24° 4'17	22°40	29°35	9° 1	27°50	14°21	9°18	19°47	10° 2	13°47	24° 2	24° 3	7°57	n.a.	W22
T 23	3 40 51	25° 5'35	4♐32	1♐12	10°16	28°28	14°35	9°25	19°49	10° 2	13°46	24° 2	23°59	8° 4	n.a.	T 23
F 24	3 44 47	26° 6'53	16°30	2°49	11°31	29° 6	14°49	9°32	19°51	10° 2	13°45	24° 2	23°56	8°10	n.a.	F 24
S 25	3 48 44	27° 8'12	28°36	4°26	12°46	29°43	15° 2	9°39	19°54	10° 2	13°45	24° 1	23°53	8°17	n.a.	S 25
S 26	3 52 40	28° 9'30	10♑51	6° 3	14° 2	0♎21	15°16	9°46	19°56	10° 2	13°44	24° 1	23°50	8°24	n.a.	S 26
M27	3 56 37	29°10'48	23°19	7°40	15°17	0°58	15°29	9°53	19°59	10°D 2	13°43	24° 0	23°47	8°30	n.a.	M27
T 28	4 0 34	0♐12'06	6♒ 1	9°18	16°32	1°36	15°43	10° 0	20° 1	10° 2	13°42	24° 0	23°44	8°37	n.a.	T 28
W29	4 4 30	1°13'23	19° 1	10°56	17°47	2°14	15°56	10° 7	20° 4	10° 2	13°42	23°59	23°40	8°43	n.a.	W29
T 30	4 8 27	2♐14'40	2♓21	12♐34	19♐ 2	2♎51	16♏10	10♐14	20♉ 6	10♓ 2	13♈41	23°D59	23♉37	8♏50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12s34	23s 1	5s 6	10s 9	0n11	15s55	0s 4	7n24	1n22	14s15	0n40	20s57	0n50	22s58	0s36	9s27	1s45	8s36	15s29	19n 5	19n19	11s57		n.a.
T 2	12 55	19 1	5 16	10 49	0 5	16 20	0 7	7 9	1 22	14 19	0 40	20 58	0 50	22 58	0 36	9 27	1 45	8 36	15 29	19 5	19 18	12 0		n.a.
F 3	13 16	13 52	5 8	11 30	0s 2	16 45	0 9	6 54	1 22	14 23	0 40	20 59	0 50	22 58	0 36	9 28	1 45	8 37	15 29	19 4	19 17	12 3		n.a.
S 4	13 36	7 50	4 41	12 9	0 9	17 10	0 11	6 39	1 22	14 28	0 40	21 0	0 50	22 58	0 36	9 28	1 45	8 37	15 29	19 4	19 17	12 6		n.a.
S 5	13 57	1 11	3 56	12 48	0 15	17 34	0 14	6 24	1 22	14 32	0 40	21 1	0 50	22 58	0 36	9 28	1 45	8 37	15 28	19 3	19 16	12 9		n.a.
M 6	14 17	5n40	2 53	13 27	0 22	17 57	0 16	6 9	1 22	14 37	0 40	21 3	0 50	22 57	0 36	9 28	1 45	8 37	15 28	19 3	19 15	12 12		n.a.
T 7	14 37	12 18	1 37	14 5	0 28	18 20	0 19	5 55	1 22	14 41	0 40	21 4	0 50	22 57	0 36	9 29	1 45	8 38	15 28	19 2	19 14	12 15		n.a.
W 8	14 57	18 11	0 14	14 42	0 34	18 43	0 21	5 40	1 22	14 45	0 40	21 5	0 50	22 57	0 36	9 29	1 44	8 38	15 28	19 2	19 14	12 18		n.a.
T 9	15 16	22 51	1n 9	15 19	0 41	19 5	0 24	5 25	1 23	14 50	0 40	21 6	0 50	22 57	0 36	9 29	1 44	8 38	15 28	19 2	19 13	12 21		n.a.
F 10	15 35	25 55	2 26	15 55	0 47	19 26	0 26	5 10	1 23	14 54	0 40	21 7	0 49	22 56	0 36	9 29	1 44	8 38	15 28	19 2	19 12	12 24		n.a.
S 11	15 54	27 10	3 32	16 31	0 53	19 47	0 28	4 54	1 23	14 59	0 39	21 8	0 49	22 56	0 36	9 29	1 44	8 38	15 27	19 3	19 11	12 27		n.a.
S 12	16 13	26 38	4 22	17 5	0 58	20 8	0 31	4 39	1 23	15 3	0 39	21 10	0 49	22 56	0 36	9 30	1 44	8 39	15 27	19 3	19 10	12 30		n.a.
M13	16 31	24 31	4 57	17 39	1 4	20 28	0 33	4 24	1 23	15 7	0 39	21 11	0 49	22 55	0 36	9 30	1 44	8 39	15 27	19 3	19 10	12 33		n.a.
T 14	16 50	21 11	5 15	18 12	1 10	20 47	0 35	4 9	1 23	15 11	0 39	21 12	0 49	22 55	0 36	9 30	1 44	8 39	15 27	19 3	19 9	12 36		n.a.
W15	17 7	16 57	5 17	18 45	1 15	21 5	0 38	3 54	1 23	15 16	0 39	21 13	0 49	22 55	0 36	9 30	1 44	8 39	15 27	19 3	19 8	12 39		n.a.
T 16	17 25	12 6	5 3	19 16	1 20	21 24	0 40	3 39	1 23	15 20	0 39	21 14	0 49	22 54	0 36	9 30	1 44	8 39	15 26	19 3	19 7	12 42		n.a.
F 17	17 42	6 52	4 37	19 47	1 25	21 41	0 42	3 24	1 23	15 24	0 39	21 15	0 49	22 54	0 36	9 30	1 44	8 39	15 26	19 3	19 6	12 45		n.a.
S 18	17 59	1 28	3 59	20 16	1 30	21 58	0 44	3 9	1 23	15 29	0 39	21 17	0 49	22 54	0 36	9 30	1 44	8 40	15 26	19 3	19 6	12 48		n.a.
S 19	18 15	3s56	3 11	20 45	1 35	22 14	0 46	2 53	1 23	15 33	0 39	21 18	0 49	22 53	0 35	9 30	1 44	8 40	15 26	19 2	19 5	12 51		n.a.
M20	18 32	9 12	2 14	21 13	1 39	22 30	0 49	2 38	1 23	15 37	0 39	21 19	0 48	22 53	0 35	9 30	1 44	8 40	15 26	19 2	19 4	12 54		n.a.
T 21	18 47	14 8	1 13	21 39	1 43	22 44	0 51	2 23	1 23	15 41	0 39	21 20	0 48	22 53	0 35	9 30	1 44	8 40	15 25	19 2	19 3	12 57		n.a.
W22	19 3	18 34	0 8	22 5	1 47	22 59	0 53	2 8	1 23	15 45	0 39	21 21	0 48	22 52	0 35	9 30	1 44	8 40	15 25	19 2	19 3	13 0		n.a.
T 23	19 18	22 18	0s58	22 29	1 50	23 12	0 55	1 53	1 22	15 49	0 38	21 22	0 48	22 52	0 35	9 30	1 44	8 40	15 25	19 2	19 2	13 3		n.a.
F 24	19 33	25 6	2 2	22 52	1 54	23 25	0 57	1 37	1 22	15 53	0 38	21 24	0 48	22 52	0 35	9 30	1 44	8 40	15 25	19 2	19 1	13 6		n.a.
S 25	19 47	26 46	3 1	23 14	1 57	23 37	0 59	1 22	1 22	15 58	0 38	21 25	0 48	22 51	0 35	9 30	1 44	8 40	15 24	19 2	19 0	13 9		n.a.
S 26	20 1	27 10	3 52	23 34	1 59	23 48	1 1	1 7	1 22	16 2	0 38	21 26	0 48	22 51	0 35	9 30	1 44	8 40	15 24	19 2	18 59	13 12		n.a.
M27	20 15	26 13	4 33	23 54	2 2	23 59	1 3	0 52	1 22	16 6	0 38	21 27	0 48	22 51	0 35	9 30	1 43	8 41	15 24	19 2	18 59	13 15		n.a.
T 28	20 28	23 54	5 2	24 11	2 4	24 9	1 5	0 37	1 22	16 10	0 38	21 28	0 48	22 50	0 35	9 30	1 43	8 41	15 24	19 2	18 58	13 18		n.a.
W29	20 41	20 19	5 16	24 27	2 5	24 18	1 7	0 21	1 22	16 14	0 38	21 29	0 48	22 50	0 35	9 30	1 43	8 41	15 23	19 2	18 57	13 21		n.a.
T 30	20s54	15s39	5s14	24s42	2s 6	24s27	1s 8	0n 6	1n22	16s18	0n38	21s30	0n48	22s49	0s35	9s30	1s43	8s41	15s23	19n 2	18n56	13s24		n.a.

Julian Day Number = 1501116.5, Delta T = 05h06m49s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'13, Lahiri = -12°17'13 Julian Calendar 1 Nov. 604 BCE == Greg. Calendar 25 Oct. 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 604 BCE
geocentric

DECEMBER 604 BCE (-603) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 12 23	3♐15'56	16♓ 3	14♐11	20♐17	3♎29	16♏23	10♐21	20♑ 9	10♓ 2	13°R40	23♉59	23♉34	8♏57	n.a.	F 1
S 2	4 16 20	4°17'12	0♈ 8	15°49	21°32	4° 6	16°37	10°28	20°11	10° 2	13♈40	24° 0	23°31	9° 3	n.a.	S 2
S 3	4 20 16	5°18'28	14°34	17°27	22°47	4°44	16°50	10°35	20°14	10° 2	13°39	24° 1	23°28	9°10	n.a.	S 3
M 4	4 24 13	6°19'43	29°20	19° 4	24° 2	5°21	17° 3	10°42	20°17	10° 2	13°38	24° 2	23°25	9°17	n.a.	M 4
T 5	4 28 10	7°20'57	14♉19	20°41	25°17	5°59	17°17	10°49	20°19	10° 3	13°38	24° 2	23°21	9°23	n.a.	T 5
W 6	4 32 6	8°22'11	29°24	22°18	26°32	6°36	17°30	10°56	20°22	10° 3	13°37	24°R 2	23°18	9°30	n.a.	W 6
T 7	4 36 3	9°23'25	14♊26	23°54	27°47	7°13	17°43	11° 3	20°25	10° 3	13°37	24° 2	23°15	9°37	n.a.	T 7
F 8	4 39 59	10°24'38	29°16	25°29	29° 2	7°51	17°56	11°10	20°28	10° 3	13°36	24° 0	23°12	9°43	n.a.	F 8
S 9	4 43 56	11°25'51	13♋47	27° 3	0♑17	8°28	18°10	11°17	20°31	10° 4	13°35	23°58	23° 9	9°50	n.a.	S 9
S 10	4 47 52	12°27'03	27°53	28°36	1°32	9° 6	18°23	11°24	20°34	10° 4	13°35	23°55	23° 5	9°57	n.a.	S 10
M11	4 51 49	13°28'16	11♌33	0♑ 7	2°47	9°43	18°36	11°32	20°36	10° 5	13°34	23°53	23° 2	10° 3	n.a.	M11
T 12	4 55 45	14°29'27	24°44	1°36	4° 2	10°20	18°49	11°39	20°39	10° 5	13°34	23°51	22°59	10°10	n.a.	T 12
W13	4 59 42	15°30'39	7♍31	3° 2	5°17	10°57	19° 2	11°46	20°42	10° 6	13°33	23°50	22°56	10°17	n.a.	W13
T 14	5 3 39	16°31'50	19°56	4°26	6°32	11°35	19°15	11°53	20°45	10° 6	13°33	23°D49	22°53	10°23	n.a.	T 14
F 15	5 7 35	17°33'00	2♎ 5	5°45	7°47	12°12	19°28	12° 0	20°48	10° 7	13°33	23°50	22°50	10°30	n.a.	F 15
S 16	5 11 32	18°34'10	14° 1	7° 1	9° 2	12°49	19°41	12° 7	20°51	10° 8	13°32	23°52	22°46	10°37	n.a.	S 16
S 17	5 15 28	19°35'20	25°50	8°12	10°17	13°26	19°54	12°14	20°54	10° 8	13°32	23°54	22°43	10°43	n.a.	S 17
M18	5 19 25	20°36'29	7♏36	9°17	11°31	14° 4	20° 6	12°21	20°58	10° 9	13°31	23°55	22°40	10°50	n.a.	M18
T 19	5 23 21	21°37'37	19°24	10°15	12°46	14°41	20°19	12°28	21° 1	10°10	13°31	23°R56	22°37	10°56	n.a.	T 19
W20	5 27 18	22°38'44	1♐16	11° 7	14° 1	15°18	20°32	12°35	21° 4	10°10	13°31	23°56	22°34	11° 3	n.a.	W20
T 21	5 31 15	23°39'51	13°17	11°50	15°16	15°55	20°44	12°42	21° 7	10°11	13°30	23°54	22°31	11°10	n.a.	T 21
F 22	5 35 11	24°40'57	25°26	12°24	16°30	16°32	20°57	12°49	21°10	10°12	13°30	23°51	22°27	11°16	n.a.	F 22
S 23	5 39 8	25°42'02	7♑47	12°48	17°45	17° 9	21° 9	12°56	21°13	10°13	13°30	23°46	22°24	11°23	n.a.	S 23
S 24	5 43 4	26°43'06	20°19	13° 2	19° 0	17°46	21°22	13° 3	21°17	10°14	13°30	23°41	22°21	11°30	n.a.	S 24
M25	5 47 1	27°44'08	3♒ 4	13°R 5	20°14	18°23	21°34	13°10	21°20	10°15	13°29	23°35	22°18	11°36	n.a.	M25
T 26	5 50 57	28°45'10	16° 2	12°56	21°29	19° 0	21°47	13°17	21°23	10°16	13°29	23°29	22°15	11°43	n.a.	T 26
W27	5 54 54	29°46'09	29°13	12°37	22°44	19°37	21°59	13°24	21°26	10°17	13°29	23°24	22°11	11°50	n.a.	W27
T 28	5 58 50	0♑47'08	12♓37	12° 6	23°58	20°14	22°11	13°31	21°30	10°18	13°29	23°21	22° 8	11°56	n.a.	T 28
F 29	6 2 47	1°48'05	26°16	11°24	25°13	20°51	22°23	13°38	21°33	10°19	13°29	23°D19	22° 5	12° 3	n.a.	F 29
S 30	6 6 44	2°49'00	10♈10	10°33	26°27	21°27	22°35	13°44	21°36	10°20	13°29	23°19	22° 2	12°10	n.a.	S 30
S 31	6 10 40	3♑49'54	24♈19	9♑34	27♑42	22♎ 4	22♏47	13♐51	21♑40	10♓21	13♈29	23♉20	21♉59	12♏16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s 6	10s 5	4s54	24s55	2s 7	24s35	1s10	0s 9	1n22	16s22	0n38	21s31	0n48	22s49	0s35	9s30	1s43	8s41	15s23	19n 2	18n55	13s27		n.a.
S 2	21 18	3 52	4 17	25 7	2 7	24 41	1 12	0 24	1 22	16 26	0 38	21 33	0 47	22 49	0 35	9 30	1 43	8 41	15 23	19 2	18 55	13 30		n.a.
S 3	21 29	2n43	3 22	25 16	2 7	24 48	1 14	0 39	1 22	16 30	0 38	21 34	0 47	22 48	0 35	9 30	1 43	8 41	15 22	19 2	18 54	13 33		n.a.
M 4	21 40	9 19	2 13	25 24	2 6	24 53	1 15	0 54	1 22	16 33	0 38	21 35	0 47	22 48	0 35	9 30	1 43	8 41	15 22	19 2	18 53	13 35		n.a.
T 5	21 50	15 30	0 54	25 31	2 5	24 58	1 17	1 9	1 22	16 37	0 38	21 36	0 47	22 47	0 35	9 30	1 43	8 41	15 22	19 2	18 52	13 38		n.a.
W 6	22 0	20 47	0n30	25 35	2 3	25 2	1 18	1 24	1 22	16 41	0 38	21 37	0 47	22 47	0 35	9 29	1 43	8 41	15 21	19 2	18 51	13 41		n.a.
T 7	22 10	24 41	1 51	25 38	2 0	25 5	1 20	1 40	1 22	16 45	0 38	21 38	0 47	22 46	0 35	9 29	1 43	8 41	15 21	19 2	18 50	13 44		n.a.
F 8	22 19	26 49	3 3	25 38	1 57	25 7	1 21	1 55	1 21	16 49	0 38	21 39	0 47	22 46	0 35	9 29	1 43	8 40	15 21	19 2	18 50	13 47		n.a.
S 9	22 28	27 3	4 2	25 37	1 53	25 9	1 23	2 10	1 21	16 52	0 38	21 40	0 47	22 45	0 35	9 29	1 43	8 40	15 21	19 1	18 49	13 50		n.a.
S 10	22 36	25 30	4 44	25 34	1 48	25 9	1 24	2 25	1 21	16 56	0 37	21 41	0 47	22 45	0 35	9 29	1 43	8 40	15 20	19 1	18 48	13 53		n.a.
M11	22 44	22 29	5 9	25 29	1 42	25 9	1 25	2 40	1 21	17 0	0 37	21 42	0 47	22 45	0 35	9 29	1 43	8 40	15 20	19 0	18 47	13 56		n.a.
T 12	22 51	18 24	5 16	25 21	1 36	25 9	1 26	2 55	1 21	17 4	0 37	21 43	0 47	22 44	0 35	9 28	1 43	8 40	15 20	19 0	18 46	13 59		n.a.
W13	22 58	13 36	5 7	25 13	1 29	25 7	1 27	3 9	1 21	17 7	0 37	21 44	0 47	22 44	0 35	9 28	1 43	8 40	15 19	18 59	18 46	14 2		n.a.
T 14	23 5	8 22	4 44	25 2	1 20	25 5	1 28	3 24	1 21	17 11	0 37	21 45	0 47	22 43	0 35	9 28	1 43	8 40	15 19	18 59	18 45	14 5		n.a.
F 15	23 11	2 57	4 8	24 49	1 11	25 2	1 29	3 39	1 21	17 14	0 37	21 46	0 47	22 43	0 35	9 27	1 43	8 40	15 19	18 59	18 44	14 8		n.a.
S 16	23 16	2s30	3 23	24 35	1 1	24 58	1 30	3 54	1 20	17 18	0 37	21 47	0 46	22 42	0 35	9 27	1 42	8 40	15 18	19 0	18 43	14 11		n.a.
S 17	23 21	7 49	2 29	24 20	0 49	24 53	1 31	4 9	1 20	17 22	0 37	21 48	0 46	22 42	0 35	9 27	1 42	8 40	15 18	19 0	18 42	14 14		n.a.
M18	23 26	12 50	1 29	24 3	0 37	24 47	1 32	4 24	1 20	17 25	0 37	21 49	0 46	22 41	0 35	9 27	1 42	8 39	15 18	19 1	18 42	14 17		n.a.
T 19	23 30	17 25	0 25	23 45	0 23	24 41	1 33	4 38	1 20	17 29	0 37	21 50	0 46	22 41	0 35	9 26	1 42	8 39	15 17	19 1	18 41	14 19		n.a.
W20	23 34	21 21	0s40	23 27	0 9	24 34	1 34	4 53	1 20	17 32	0 37	21 51	0 46	22 40	0 35	9 26	1 42	8 39	15 17	19 1	18 40	14 22		n.a.
T 21	23 37	24 26	1 44	23 8	0n 7	24 26	1 34	5 8	1 20	17 35	0 37	21 52	0 46	22 40	0 35	9 26	1 42	8 39	15 17	19 0	18 39	14 25		n.a.
F 22	23 40	26 25	2 44	22 48	0 23	24 18	1 35	5 22	1 19	17 39	0 37	21 53	0 46	22 39	0 35	9 25	1 42	8 39	15 16	19 0	18 38	14 28		n.a.
S 23	23 42	27 9	3 37	22 29	0 40	24 9	1 35	5 37	1 19	17 42	0 37	21 54	0 46	22 39	0 35	9 25	1 42	8 38	15 16	18 58	18 37	14 31		n.a.
S 24	23 44	26 30	4 21	22 10	0 58	23 59	1 36	5 51	1 19	17 46	0 37	21 55	0 46	22 38	0 35	9 24	1 42	8 38	15 16	18 57	18 37	14 34		n.a.
M25	23 45	24 28	4 52	21 51	1 16	23 48	1 36	6 6	1 19	17 49	0 37	21 56	0 46	22 38	0 35	9 24	1 42	8 38	15 15	18 55	18 36	14 37		n.a.
T 26	23 46	21 9	5 9	21 34	1 35	23 37	1 36	6 20	1 18	17 52	0 37	21 57	0 46	22 37	0 35	9 24	1 42	8 38	15 15	18 54	18 35	14 40		n.a.
W27	23 46	16 44	5 10	21 17	1 53	23 24	1 36	6 34	1 18	17 55	0 37	21 58	0 46	22 37	0 35	9 23	1 42	8 38	15 15	18 53	18 34	14 43		n.a.
T 28	23 46	11 26	4 54	21 2	2 11	23 12	1 37	6 49	1 18	17 59	0 37	21 59	0 46	22 36	0 35	9 23	1 42	8 37	15 14	18 52	18 33	14 46		n.a.
F 29	23 45	5 29	4 22	20 48	2 29	22 58	1 37	7 3	1 18	18 2	0 37	22 0	0 46	22 36	0 35	9 22	1 42	8 37	15 14	18 52	18 32	14 48		n.a.
S 30	23 44	0n49	3 33	20 36	2 45	22 44	1 37	7 17	1 17	18 5	0 37	22 0	0 46	22 35	0 35	9 22	1 42	8 37	15 14	18 52	18 32	14 51		n.a.
S 31	23s43	7n13	2s31	20s26	3n 0	22s29	1s37	7s31	1n17	18s 8	0n37	22s 1	0n46	22s34	0s35	9s21	1s42	8s37	15s13	18n52	18n31	14s54		n.a.

Julian Day Number = 1501146.5, Delta T = 05h06m48s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'09, Lahiri = -12°17'09 Julian Calendar 1 Dec. 604 BCE == Greg. Calendar 24 Nov. 604 BCE

The year -603 astronomical counting style corresponds to year 604 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

JANUARY 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 14 37	4♑50'46	8♉41	8°R29	28♑56	22♎41	22♏59	13♐58	21♑43	10♓22	13°R29	23♉22	21♉56	12♏23	n.a.	M 1
T 2	6 18 33	5°51'36	23°14	7♑19	0♒11	23°18	23°11	14° 5	21°46	10°23	13♈28	23°R22	21°52	12°30	n.a.	T 2
W 3	6 22 30	6°52'26	7♊55	6° 7	1°25	23°54	23°23	14°11	21°50	10°24	13°D28	23°21	21°49	12°36	n.a.	W 3
T 4	6 26 26	7°53'13	22°36	4°55	2°39	24°31	23°34	14°18	21°53	10°26	13°28	23°18	21°46	12°43	n.a.	T 4
F 5	6 30 23	8°53'59	7♋12	3°44	3°54	25° 8	23°46	14°25	21°56	10°27	13°28	23°13	21°43	12°50	n.a.	F 5
S 6	6 34 20	9°54'44	21°36	2°36	5° 8	25°44	23°58	14°32	22° 0	10°28	13°29	23° 6	21°40	12°56	n.a.	S 6
S 7	6 38 16	10°55'27	5♌40	1°34	6°22	26°21	24° 9	14°38	22° 3	10°30	13°29	22°58	21°37	13° 3	n.a.	S 7
M 8	6 42 13	11°56'08	19°22	0°37	7°36	26°57	24°20	14°45	22° 7	10°31	13°29	22°50	21°33	13° 9	n.a.	M 8
T 9	6 46 9	12°56'49	2♍38	29♐48	8°51	27°34	24°32	14°51	22°10	10°32	13°29	22°42	21°30	13°16	n.a.	T 9
W10	6 50 6	13°57'28	15°30	29° 5	10° 5	28°10	24°43	14°58	22°13	10°34	13°29	22°36	21°27	13°23	n.a.	W10
T 11	6 54 2	14°58'05	28° 0	28°31	11°19	28°46	24°54	15° 4	22°17	10°35	13°29	22°33	21°24	13°29	n.a.	T 11
F 12	6 57 59	15°58'41	10♎11	28° 5	12°33	29°23	25° 5	15°11	22°20	10°37	13°29	22°31	21°21	13°36	n.a.	F 12
S 13	7 1 55	16°59'16	22° 8	27°46	13°47	29°59	25°16	15°17	22°24	10°38	13°29	22°D31	21°17	13°43	n.a.	S 13
S 14	7 5 52	17°59'49	3♏58	27°36	15° 1	0♏35	25°27	15°23	22°27	10°40	13°30	22°32	21°14	13°49	n.a.	S 14
M15	7 9 48	19° 0'21	15°45	27°D32	16°15	1°11	25°37	15°30	22°31	10°41	13°30	22°33	21°11	13°56	n.a.	M15
T 16	7 13 45	20° 0'51	27°34	27°36	17°29	1°47	25°48	15°36	22°34	10°43	13°30	22°R33	21° 8	14° 3	n.a.	T 16
W17	7 17 42	21° 1'20	9♐30	27°46	18°43	2°23	25°59	15°42	22°38	10°44	13°30	22°31	21° 5	14° 9	n.a.	W17
T 18	7 21 38	22° 1'48	21°38	28° 2	19°56	2°59	26° 9	15°49	22°41	10°46	13°31	22°27	21° 2	14°16	n.a.	T 18
F 19	7 25 35	23° 2'13	3♑59	28°24	21°10	3°35	26°20	15°55	22°45	10°48	13°31	22°20	20°58	14°23	n.a.	F 19
S 20	7 29 31	24° 2'37	16°35	28°51	22°24	4°11	26°30	16° 1	22°48	10°49	13°31	22°11	20°55	14°29	n.a.	S 20
S 21	7 33 28	25° 3'00	29°28	29°23	23°38	4°47	26°40	16° 7	22°52	10°51	13°32	22° 0	20°52	14°36	n.a.	S 21
M22	7 37 24	26° 3'20	12♒35	0♑ 0	24°51	5°23	26°50	16°13	22°55	10°53	13°32	21°49	20°49	14°43	n.a.	M22
T 23	7 41 21	27° 3'38	25°57	0°41	26° 5	5°59	27° 0	16°19	22°58	10°54	13°33	21°37	20°46	14°49	n.a.	T 23
W24	7 45 18	28° 3'54	9♓29	1°26	27°18	6°34	27°10	16°25	23° 2	10°56	13°33	21°28	20°43	14°56	n.a.	W24
T 25	7 49 14	29° 4'08	23°12	2°14	28°32	7°10	27°19	16°31	23° 5	10°58	13°34	21°20	20°39	15° 2	n.a.	T 25
F 26	7 53 11	0♒ 4'20	7♈ 2	3° 6	29°45	7°46	27°29	16°36	23° 9	11° 0	13°34	21°16	20°36	15° 9	n.a.	F 26
S 27	7 57 7	1° 4'30	20°58	4° 1	0♓59	8°21	27°39	16°42	23°12	11° 1	13°34	21°13	20°33	15°16	n.a.	S 27
S 28	8 1 4	2° 4'37	5♉ 1	4°59	2°12	8°56	27°48	16°48	23°16	11° 3	13°35	21°D13	20°30	15°22	n.a.	S 28
M29	8 5 0	3° 4'42	19° 8	6° 0	3°25	9°32	27°57	16°53	23°19	11° 5	13°36	21°R13	20°27	15°29	n.a.	M29
T 30	8 8 57	4° 4'45	3♊20	7° 3	4°39	10° 7	28° 6	16°59	23°23	11° 7	13°36	21°13	20°23	15°36	n.a.	T 30
W31	8 12 53	5♒ 4'45	17♊35	8♑ 8	5♓52	10♏42	28♏15	17♐ 5	23♑26	11♓ 9	13♈37	21♉11	20♉20	15♏42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s41	13n21	1s19	20s17	3n13	22s13	1s36	7s45	1n17	18s11	0n37	22s 2	0n46	22s34	0s35	9s21	1s42	8s36	15s13	18n52	18n30	14s57			n.a.
T 2	23 38	18 50	0 1	20 10	3 24	21 57	1 36	7 59	1 17	18 14	0 37	22 3	0 46	22 33	0 35	9 20	1 42	8 36	15 13	18 52	18 29	15 0			n.a.
W 3	23 35	23 13	1n18	20 5	3 32	21 40	1 36	8 13	1 16	18 17	0 36	22 4	0 46	22 33	0 35	9 20	1 42	8 36	15 12	18 52	18 28	15 3			n.a.
T 4	23 32	26 5	2 32	20 2	3 39	21 23	1 35	8 27	1 16	18 20	0 36	22 5	0 46	22 32	0 35	9 19	1 42	8 35	15 12	18 51	18 27	15 6			n.a.
F 5	23 28	27 8	3 35	20 0	3 43	21 5	1 35	8 41	1 16	18 23	0 36	22 6	0 45	22 32	0 35	9 19	1 42	8 35	15 12	18 50	18 27	15 9			n.a.
S 6	23 24	26 20	4 23	20 0	3 44	20 46	1 34	8 55	1 15	18 26	0 36	22 6	0 45	22 31	0 35	9 18	1 41	8 35	15 11	18 48	18 26	15 11			n.a.
S 7	23 19	23 51	4 54	20 2	3 44	20 27	1 34	9 8	1 15	18 29	0 36	22 7	0 45	22 31	0 35	9 18	1 41	8 34	15 11	18 46	18 25	15 14			n.a.
M 8	23 13	20 4	5 7	20 5	3 41	20 7	1 33	9 22	1 15	18 32	0 36	22 8	0 45	22 30	0 35	9 17	1 41	8 34	15 11	18 44	18 24	15 17			n.a.
T 9	23 8	15 22	5 3	20 9	3 37	19 47	1 32	9 35	1 14	18 35	0 36	22 9	0 45	22 30	0 35	9 17	1 41	8 34	15 10	18 42	18 23	15 20			n.a.
W10	23 2	10 8	4 44	20 15	3 31	19 26	1 32	9 49	1 14	18 37	0 36	22 10	0 45	22 29	0 35	9 16	1 41	8 33	15 10	18 41	18 22	15 23			n.a.
T 11	22 55	4 38	4 11	20 23	3 23	19 4	1 31	10 2	1 14	18 40	0 36	22 10	0 45	22 28	0 35	9 15	1 41	8 33	15 10	18 40	18 22	15 26			n.a.
F 12	22 48	0s54	3 28	20 31	3 15	18 42	1 30	10 16	1 13	18 43	0 36	22 11	0 45	22 28	0 35	9 15	1 41	8 33	15 9	18 39	18 21	15 29			n.a.
S 13	22 40	6 20	2 36	20 40	3 5	18 20	1 29	10 29	1 13	18 45	0 36	22 12	0 45	22 27	0 35	9 14	1 41	8 32	15 9	18 39	18 20	15 31			n.a.
S 14	22 32	11 28	1 38	20 50	2 55	17 57	1 28	10 42	1 13	18 48	0 36	22 13	0 45	22 27	0 35	9 14	1 41	8 32	15 9	18 39	18 19	15 34			n.a.
M15	22 24	16 12	0 36	21 1	2 44	17 33	1 26	10 55	1 12	18 51	0 36	22 13	0 45	22 26	0 35	9 13	1 41	8 31	15 8	18 40	18 18	15 37			n.a.
T 16	22 15	20 20	0s27	21 12	2 33	17 9	1 25	11 8	1 12	18 53	0 36	22 14	0 45	22 26	0 35	9 12	1 41	8 31	15 8	18 40	18 17	15 40			n.a.
W17	22 6	23 40	1 30	21 24	2 21	16 45	1 24	11 21	1 11	18 56	0 36	22 15	0 45	22 25	0 35	9 12	1 41	8 30	15 8	18 39	18 17	15 43			n.a.
T 18	21 56	25 59	2 29	21 36	2 9	16 20	1 22	11 34	1 11	18 58	0 36	22 15	0 45	22 24	0 35	9 11	1 41	8 30	15 7	18 38	18 16	15 46			n.a.
F 19	21 46	27 5	3 23	21 48	1 58	15 55	1 21	11 47	1 10	19 1	0 36	22 16	0 45	22 24	0 35	9 10	1 41	8 30	15 7	18 36	18 15	15 48			n.a.
S 20	21 36	26 49	4 7	22 0	1 46	15 29	1 19	12 0	1 10	19 3	0 36	22 17	0 45	22 23	0 35	9 10	1 41	8 29	15 7	18 34	18 14	15 51			n.a.
S 21	21 25	25 6	4 40	22 12	1 34	15 3	1 18	12 12	1 9	19 6	0 36	22 17	0 45	22 23	0 35	9 9	1 41	8 29	15 6	18 31	18 13	15 54			n.a.
M22	21 14	22 2	4 59	22 24	1 22	14 37	1 16	12 25	1 9	19 8	0 36	22 18	0 45	22 22	0 35	9 8	1 41	8 28	15 6	18 28	18 12	15 57			n.a.
T 23	21 2	17 46	5 2	22 35	1 11	14 10	1 14	12 37	1 8	19 10	0 36	22 19	0 45	22 21	0 35	9 8	1 41	8 28	15 6	18 25	18 11	16 0			n.a.
W24	20 50	12 33	4 48	22 46	1 0	13 43	1 13	12 50	1 8	19 13	0 36	22 19	0 45	22 21	0 35	9 7	1 41	8 27	15 5	18 23	18 11	16 3			n.a.
T 25	20 38	6 40	4 18	22 57	0 48	13 15	1 11	13 2	1 7	19 15	0 36	22 20	0 45	22 20	0 35	9 6	1 41	8 27	15 5	18 21	18 10	16 5			n.a.
F 26	20 25	0 25	3 32	23 6	0 38	12 47	1 9	13 14	1 7	19 17	0 36	22 21	0 45	22 20	0 35	9 5	1 41	8 26	15 5	18 19	18 9	16 8			n.a.
S 27	20 12	5n56	2 33	23 16	0 27	12 19	1 7	13 26	1 6	19 19	0 36	22 21	0 45	22 19	0 35	9 5	1 41	8 26	15 4	18 19	18 8	16 11			n.a.
S 28	19 58	12 2	1 25	23 24	0 17	11 50	1 5	13 38	1 6	19 21	0 36	22 22	0 45	22 19	0 35	9 4	1 41	8 25	15 4	18 19	18 7	16 14			n.a.
M29	19 44	17 34	0 11	23 31	0 6	11 21	1 3	13 50	1 5	19 24	0 36	22 22	0 45	22 18	0 35	9 3	1 41	8 25	15 4	18 19	18 6	16 17			n.a.
T 30	19 30	22 9	1n 4	23 38	0s 3	10 52	1 0	14 2	1 4	19 26	0 36	22 23	0 45	22 17	0 35	9 2	1 41	8 24	15 3	18 19	18 5	16 19			n.a.
W31	19s16	25n25	2n15	23s44	0s13	10s23	0s58	14s14	1n 4	19s28	0n36	22s23	0n45	22s17	0s35	9s 2	1s41	8s24	15s 3	18n18	18n 5	16s22			n.a.

Julian Day Number = 1501177.5, Delta T = 05h06m46s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'05, Lahiri = -12°17'05 Julian Calendar 1 Jan. 603 BCE == Greg. Calendar 25 Dec. 604 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

FEBRUARY 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 16 50	6♒ 4'44	1♋49	9♑16	7♓ 5	11♏17	28♏24	17♐10	23♑29	11♓11	13♈37	21°R 6	20♉17	15♏49	n.a.	T 1
F 2	8 20 47	7° 4'40	15°59	10°26	8°18	11°52	28°33	17°15	23°33	11°13	13°38	20♉58	20°14	15°56	n.a.	F 2
S 3	8 24 43	8° 4'34	0♌ 0	11°38	9°31	12°27	28°42	17°21	23°36	11°15	13°39	20°47	20°11	16° 2	n.a.	S 3
S 4	8 28 40	9° 4'25	13°48	12°52	10°44	13° 2	28°50	17°26	23°39	11°17	13°39	20°35	20° 8	16° 9	n.a.	S 4
M 5	8 32 36	10° 4'15	27°18	14° 7	11°57	13°37	28°59	17°31	23°43	11°19	13°40	20°22	20° 4	16°16	n.a.	M 5
T 6	8 36 33	11° 4'03	10♍28	15°24	13° 9	14°12	29° 7	17°36	23°46	11°21	13°41	20°11	20° 1	16°22	n.a.	T 6
W 7	8 40 29	12° 3'48	23°17	16°43	14°22	14°47	29°15	17°41	23°50	11°23	13°41	20° 1	19°58	16°29	n.a.	W 7
T 8	8 44 26	13° 3'32	5♎47	18° 4	15°35	15°21	29°23	17°47	23°53	11°25	13°42	19°53	19°55	16°36	n.a.	T 8
F 9	8 48 22	14° 3'13	17°59	19°26	16°47	15°56	29°31	17°51	23°56	11°27	13°43	19°49	19°52	16°42	n.a.	F 9
S 10	8 52 19	15° 2'53	29°57	20°50	18° 0	16°30	29°39	17°56	23°59	11°29	13°44	19°46	19°49	16°49	n.a.	S 10
S 11	8 56 15	16° 2'31	11♏48	22°15	19°12	17° 5	29°46	18° 1	24° 3	11°31	13°44	19°46	19°45	16°55	n.a.	S 11
M12	9 0 12	17° 2'08	23°36	23°41	20°24	17°39	29°54	18° 6	24° 6	11°33	13°45	19°46	19°42	17° 2	n.a.	M12
T 13	9 4 9	18° 1'42	5♐26	25° 9	21°37	18°13	0♐ 1	18°11	24° 9	11°35	13°46	19°45	19°39	17° 9	n.a.	T 13
W14	9 8 5	19° 1'14	17°25	26°39	22°49	18°47	0° 8	18°15	24°12	11°37	13°47	19°43	19°36	17°15	n.a.	W14
T 15	9 12 2	20° 0'45	29°37	28° 9	24° 1	19°21	0°15	18°20	24°16	11°39	13°48	19°38	19°33	17°22	n.a.	T 15
F 16	9 15 58	21° 0'14	12♑ 6	29°42	25°13	19°55	0°22	18°24	24°19	11°42	13°48	19°31	19°29	17°29	n.a.	F 16
S 17	9 19 55	21°59'40	24°54	1♒15	26°25	20°29	0°29	18°29	24°22	11°44	13°49	19°21	19°26	17°35	n.a.	S 17
S 18	9 23 51	22°59'05	8♒ 3	2°50	27°37	21° 3	0°35	18°33	24°25	11°46	13°50	19° 9	19°23	17°42	n.a.	S 18
M19	9 27 48	23°58'27	21°31	4°26	28°49	21°36	0°42	18°37	24°28	11°48	13°51	18°57	19°20	17°49	n.a.	M19
T 20	9 31 44	24°57'48	5♓17	6° 3	0♈ 1	22°10	0°48	18°41	24°31	11°50	13°52	18°44	19°17	17°55	n.a.	T 20
W21	9 35 41	25°57'06	19°16	7°42	1°12	22°43	0°54	18°45	24°35	11°52	13°53	18°33	19°14	18° 2	n.a.	W21
T 22	9 39 38	26°56'21	3♈24	9°22	2°24	23°16	1° 0	18°49	24°38	11°55	13°54	18°25	19°10	18° 9	n.a.	T 22
F 23	9 43 34	27°55'35	17°36	11° 4	3°35	23°49	1° 6	18°53	24°41	11°57	13°55	18°19	19° 7	18°15	n.a.	F 23
S 24	9 47 31	28°54'45	1♉49	12°47	4°47	24°22	1°12	18°57	24°44	11°59	13°56	18°16	19° 4	18°22	n.a.	S 24
S 25	9 51 27	29°53'54	15°59	14°31	5°58	24°55	1°17	19° 1	24°47	12° 1	13°57	18°D16	19° 1	18°28	n.a.	S 25
M26	9 55 24	0♓53'00	0♊ 7	16°16	7° 9	25°28	1°22	19° 5	24°50	12° 3	13°58	18°R16	18°58	18°35	n.a.	M26
T 27	9 59 20	1°52'04	14° 9	18° 3	8°21	26° 0	1°28	19° 8	24°53	12° 6	13°59	18°15	18°54	18°42	n.a.	T 27
W28	10 3 17	2♓51'05	28♊ 7	19♒52	9♈32	26♏33	1♐33	19♐12	24♑55	12♓ 8	14♈ 0	18♉13	18♉51	18♏48	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s 1	27n 3	3n17	23s48	0s22	9s53	0s56	14s25	1n 3	19s30	0n36	22s24	0n45	22s16	0s35	9s 1	1s41	8s23	15s 3	18n17	18n 4	16s25		n.a.
F 2	18 45	26 53	4 7	23 52	0 31	9 24	0 53	14 37	1 3	19 32	0 36	22 25	0 45	22 16	0 35	9 0	1 40	8 23	15 2	18 15	18 3	16 28		n.a.
S 3	18 30	25 0	4 42	23 54	0 39	8 54	0 51	14 48	1 2	19 34	0 36	22 25	0 45	22 15	0 35	8 59	1 40	8 22	15 2	18 12	18 2	16 31		n.a.
S 4	18 14	21 40	4 59	23 56	0 48	8 23	0 48	15 0	1 1	19 36	0 36	22 26	0 45	22 14	0 35	8 59	1 40	8 22	15 2	18 9	18 1	16 33		n.a.
M 5	17 58	17 14	4 59	23 56	0 56	7 53	0 46	15 11	1 1	19 37	0 36	22 26	0 45	22 14	0 35	8 58	1 40	8 21	15 2	18 5	18 0	16 36		n.a.
T 6	17 41	12 5	4 42	23 55	1 3	7 22	0 43	15 22	1 0	19 39	0 36	22 27	0 45	22 13	0 35	8 57	1 40	8 21	15 1	18 2	17 59	16 39		n.a.
W 7	17 25	6 33	4 12	23 52	1 10	6 51	0 40	15 33	0 59	19 41	0 36	22 27	0 45	22 13	0 35	8 56	1 40	8 20	15 1	17 59	17 59	16 42		n.a.
T 8	17 8	0 53	3 30	23 48	1 17	6 20	0 38	15 44	0 58	19 43	0 36	22 28	0 45	22 12	0 35	8 55	1 40	8 20	15 1	17 57	17 58	16 44		n.a.
F 9	16 50	4s41	2 40	23 43	1 23	5 49	0 35	15 55	0 58	19 44	0 36	22 28	0 44	22 12	0 35	8 55	1 40	8 19	15 0	17 56	17 57	16 47		n.a.
S 10	16 33	10 1	1 43	23 36	1 30	5 18	0 32	16 6	0 57	19 46	0 36	22 29	0 44	22 11	0 35	8 54	1 40	8 19	15 0	17 55	17 56	16 50		n.a.
S 11	16 15	14 55	0 42	23 28	1 35	4 47	0 29	16 16	0 56	19 48	0 36	22 29	0 44	22 11	0 35	8 53	1 40	8 18	15 0	17 55	17 55	16 53		n.a.
M12	15 57	19 15	0s20	23 19	1 41	4 15	0 26	16 27	0 55	19 49	0 36	22 29	0 44	22 10	0 35	8 52	1 40	8 17	14 59	17 55	17 54	16 55		n.a.
T 13	15 38	22 51	1 22	23 7	1 45	3 44	0 23	16 37	0 54	19 51	0 36	22 30	0 44	22 9	0 35	8 51	1 40	8 17	14 59	17 55	17 53	16 58		n.a.
W14	15 20	25 30	2 21	22 55	1 50	3 12	0 20	16 48	0 54	19 53	0 36	22 30	0 44	22 9	0 35	8 51	1 40	8 16	14 59	17 54	17 52	17 1		n.a.
T 15	15 1	27 0	3 14	22 41	1 54	2 40	0 17	16 58	0 53	19 54	0 36	22 31	0 44	22 8	0 35	8 50	1 40	8 16	14 59	17 53	17 52	17 4		n.a.
F 16	14 42	27 11	3 59	22 25	1 58	2 8	0 14	17 8	0 52	19 56	0 36	22 31	0 44	22 8	0 35	8 49	1 40	8 15	14 58	17 51	17 51	17 6		n.a.
S 17	14 22	25 56	4 34	22 7	2 1	1 37	0 11	17 18	0 51	19 57	0 36	22 32	0 44	22 7	0 35	8 48	1 40	8 14	14 58	17 48	17 50	17 9		n.a.
S 18	14 3	23 15	4 55	21 48	2 4	1 5	0 8	17 28	0 50	19 58	0 36	22 32	0 44	22 7	0 35	8 47	1 40	8 14	14 58	17 45	17 49	17 12		n.a.
M19	13 43	19 15	5 0	21 28	2 6	0 33	0 4	17 38	0 49	20 0	0 36	22 32	0 44	22 6	0 35	8 46	1 40	8 13	14 58	17 42	17 48	17 15		n.a.
T 20	13 23	14 9	4 48	21 5	2 8	0 1	0 1	17 47	0 48	20 1	0 36	22 33	0 44	22 6	0 35	8 45	1 40	8 13	14 57	17 38	17 47	17 17		n.a.
W21	13 3	8 16	4 19	20 41	2 10	0n31	0n 2	17 57	0 47	20 2	0 36	22 33	0 44	22 5	0 35	8 45	1 40	8 12	14 57	17 35	17 46	17 20		n.a.
T 22	12 42	1 53	3 33	20 16	2 11	1 3	0 5	18 6	0 46	20 4	0 36	22 33	0 44	22 4	0 35	8 44	1 40	8 12	14 57	17 33	17 45	17 23		n.a.
F 23	12 22	4n37	2 35	19 48	2 12	1 35	0 9	18 16	0 45	20 5	0 36	22 34	0 44	22 4	0 35	8 43	1 40	8 11	14 57	17 31	17 45	17 26		n.a.
S 24	12 1	10 56	1 26	19 19	2 12	2 7	0 12	18 25	0 44	20 6	0 36	22 34	0 44	22 3	0 35	8 42	1 40	8 10	14 56	17 30	17 44	17 28		n.a.
S 25	11 40	16 40	0 12	18 48	2 12	2 38	0 16	18 34	0 43	20 7	0 36	22 34	0 44	22 3	0 35	8 41	1 40	8 10	14 56	17 30	17 43	17 31		n.a.
M26	11 19	21 28	1n 2	18 15	2 11	3 10	0 19	18 43	0 42	20 8	0 36	22 35	0 44	22 2	0 35	8 40	1 40	8 9	14 56	17 30	17 42	17 34		n.a.
T 27	10 57	25 1	2 13	17 41	2 10	3 42	0 22	18 52	0 41	20 9	0 36	22 35	0 44	22 2	0 36	8 39	1 40	8 8	14 56	17 30	17 41	17 36		n.a.
W28	10s36	27n 0	3n14	17s 5	2s 8	4n13	0n26	19s 1	0n40	20s10	0n36	22s35	0n44	22s 1	0s36	8s39	1s40	8s 8	14s55	17n29	17n40	17s39		n.a.

Julian Day Number = 1501208.5, Delta T = 05h06m45s
Ecliptic obliquity = 23°46'10, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°24'01, Lahiri = -12°17'00 Julian Calendar 1 Feb. 603 BCE == Greg. Calendar 25 Jan. 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

MARCH 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 7 13	3♓50'04	11♋59	21♒42	10♈42	27♏ 5	1♐37	19♐15	24♑58	12♓10	14♈ 1	18°R 9	18♉48	18♏55	n.a.	T 1
F 2	10 11 10	4°49'00	25°43	23°33	11°53	27°37	1°42	19°19	25° 1	12°12	14° 2	18♉ 1	18°45	19° 2	n.a.	F 2
S 3	10 15 7	5°47'54	9♌18	25°25	13° 4	28° 9	1°47	19°22	25° 4	12°15	14° 3	17°51	18°42	19° 8	n.a.	S 3
S 4	10 19 3	6°46'46	22°41	27°19	14°15	28°41	1°51	19°25	25° 7	12°17	14° 5	17°40	18°39	19°15	n.a.	S 4
M 5	10 23 0	7°45'35	5♍50	29°15	15°25	29°13	1°55	19°28	25°10	12°19	14° 6	17°28	18°35	19°22	n.a.	M 5
T 6	10 26 56	8°44'23	18°44	1♓12	16°36	29°45	1°59	19°31	25°12	12°21	14° 7	17°17	18°32	19°28	n.a.	T 6
W 7	10 30 53	9°43'08	1♎22	3°10	17°46	0♐16	2° 3	19°34	25°15	12°24	14° 8	17° 7	18°29	19°35	n.a.	W 7
T 8	10 34 49	10°41'51	13°44	5°10	18°56	0°47	2° 7	19°37	25°18	12°26	14° 9	17° 0	18°26	19°42	n.a.	T 8
F 9	10 38 46	11°40'33	25°52	7°11	20° 6	1°19	2°10	19°40	25°20	12°28	14°10	16°55	18°23	19°48	n.a.	F 9
S 10	10 42 42	12°39'12	7♏49	9°13	21°16	1°50	2°13	19°42	25°23	12°31	14°11	16°53	18°20	19°55	n.a.	S 10
S 11	10 46 39	13°37'50	19°40	11°16	22°26	2°20	2°16	19°45	25°26	12°33	14°13	16°D53	18°16	20° 2	n.a.	S 11
M12	10 50 35	14°36'25	1♐28	13°20	23°36	2°51	2°19	19°47	25°28	12°35	14°14	16°53	18°13	20° 8	n.a.	M12
T 13	10 54 32	15°34'59	13°18	15°26	24°45	3°21	2°22	19°50	25°31	12°37	14°15	16°R54	18°10	20°15	n.a.	T 13
W14	10 58 29	16°33'32	25°17	17°32	25°55	3°52	2°25	19°52	25°33	12°40	14°16	16°53	18° 7	20°21	n.a.	W14
T 15	11 2 25	17°32'02	7♑30	19°38	27° 4	4°22	2°27	19°54	25°36	12°42	14°17	16°51	18° 4	20°28	n.a.	T 15
F 16	11 6 22	18°30'31	20° 1	21°45	28°13	4°52	2°29	19°56	25°38	12°44	14°19	16°47	18° 0	20°35	n.a.	F 16
S 17	11 10 18	19°28'58	2♒54	23°53	29°22	5°21	2°31	19°58	25°40	12°46	14°20	16°41	17°57	20°41	n.a.	S 17
S 18	11 14 15	20°27'23	16°11	26° 0	0♉31	5°51	2°33	20° 0	25°43	12°49	14°21	16°32	17°54	20°48	n.a.	S 18
M19	11 18 11	21°25'47	29°52	28° 7	1°40	6°20	2°35	20° 2	25°45	12°51	14°22	16°23	17°51	20°55	n.a.	M19
T 20	11 22 8	22°24'08	13♓56	0♈13	2°49	6°49	2°36	20° 4	25°47	12°53	14°24	16°14	17°48	21° 1	n.a.	T 20
W21	11 26 4	23°22'28	28°17	2°18	3°58	7°18	2°37	20° 5	25°49	12°55	14°25	16° 7	17°45	21° 8	n.a.	W21
T 22	11 30 1	24°20'45	12♈49	4°22	5° 6	7°47	2°39	20° 7	25°52	12°58	14°26	16° 1	17°41	21°15	n.a.	T 22
F 23	11 33 57	25°19'01	27°27	6°24	6°14	8°15	2°39	20° 8	25°54	13° 0	14°28	15°57	17°38	21°21	n.a.	F 23
S 24	11 37 54	26°17'15	12♉ 3	8°25	7°23	8°43	2°40	20°10	25°56	13° 2	14°29	15°D56	17°35	21°28	n.a.	S 24
S 25	11 41 51	27°15'26	26°33	10°23	8°31	9°11	2°41	20°11	25°58	13° 4	14°30	15°56	17°32	21°35	n.a.	S 25
M26	11 45 47	28°13'36	10♊52	12°18	9°38	9°38	2°41	20°12	26° 0	13° 6	14°31	15°57	17°29	21°41	n.a.	M26
T 27	11 49 44	29°11'43	24°59	14°11	10°46	10° 6	2°R41	20°13	26° 2	13° 9	14°33	15°R58	17°26	21°48	n.a.	T 27
W28	11 53 40	0♈ 9'48	8♋53	16° 1	11°54	10°33	2°41	20°14	26° 4	13°11	14°34	15°58	17°22	21°54	n.a.	W28
T 29	11 57 37	1° 7'52	22°32	17°48	13° 1	11° 0	2°41	20°15	26° 6	13°13	14°35	15°56	17°19	22° 1	n.a.	T 29
F 30	12 1 33	2° 5'53	5♌59	19°31	14° 8	11°26	2°40	20°16	26° 8	13°15	14°37	15°52	17°16	22° 8	n.a.	F 30
S 31	12 5 30	3♈ 3'52	19♌12	21♈11	15♉15	11♐52	2♐40	20♐17	26♑10	13♓17	14♈38	15♉46	17♉13	22♏14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	10s14	27n17	4n 4	16s27	2s 5	4n45	0n29	19s 9	0n38	20s11	0n36	22s36	0n44	22s 1	0s36	8s38	1s40	8s 7	14s55	17n28	17n39	17s42			n.a.
F 2	9 53	25 52	4 39	15 47	2 3	5 16	0 33	19 18	0 37	20 12	0 36	22 36	0 44	22 0	0 36	8 37	1 40	8 7	14 55	17 26	17 38	17 45			n.a.
S 3	9 31	22 58	4 58	15 5	1 59	5 47	0 36	19 26	0 36	20 13	0 36	22 36	0 44	22 0	0 36	8 36	1 40	8 6	14 55	17 23	17 38	17 47			n.a.
S 4	9 9	18 52	5 1	14 22	1 55	6 18	0 40	19 35	0 35	20 14	0 36	22 36	0 44	21 59	0 36	8 35	1 40	8 5	14 54	17 20	17 37	17 50			n.a.
M 5	8 46	13 55	4 47	13 37	1 51	6 49	0 44	19 43	0 33	20 15	0 36	22 37	0 44	21 59	0 36	8 34	1 40	8 5	14 54	17 17	17 36	17 53			n.a.
T 6	8 24	8 28	4 18	12 50	1 46	7 20	0 47	19 51	0 32	20 16	0 36	22 37	0 44	21 58	0 36	8 33	1 40	8 4	14 54	17 13	17 35	17 55			n.a.
W 7	8 2	2 46	3 37	12 2	1 40	7 51	0 51	19 59	0 31	20 16	0 36	22 37	0 44	21 58	0 36	8 32	1 40	8 4	14 54	17 11	17 34	17 58			n.a.
T 8	7 39	2s56	2 47	11 12	1 34	8 21	0 54	20 7	0 29	20 17	0 36	22 37	0 44	21 57	0 36	8 32	1 40	8 3	14 54	17 9	17 33	18 1			n.a.
F 9	7 17	8 26	1 50	10 21	1 27	8 51	0 58	20 15	0 28	20 18	0 36	22 38	0 44	21 57	0 36	8 31	1 40	8 2	14 53	17 7	17 32	18 3			n.a.
S 10	6 54	13 33	0 48	9 28	1 20	9 21	1 1	20 23	0 27	20 19	0 36	22 38	0 44	21 56	0 36	8 30	1 40	8 2	14 53	17 7	17 31	18 6			n.a.
S 11	6 31	18 8	0s15	8 33	1 13	9 51	1 5	20 30	0 25	20 19	0 36	22 38	0 44	21 56	0 36	8 29	1 40	8 1	14 53	17 7	17 30	18 9			n.a.
M12	6 9	22 0	1 17	7 37	1 4	10 20	1 8	20 38	0 24	20 20	0 36	22 38	0 44	21 56	0 36	8 28	1 40	8 0	14 53	17 7	17 29	18 11			n.a.
T 13	5 46	24 58	2 17	6 40	0 56	10 50	1 12	20 45	0 22	20 20	0 36	22 38	0 44	21 55	0 36	8 27	1 40	8 0	14 53	17 7	17 29	18 14			n.a.
W14	5 23	26 52	3 11	5 42	0 46	11 19	1 15	20 53	0 21	20 21	0 36	22 39	0 44	21 55	0 36	8 26	1 40	7 59	14 53	17 7	17 28	18 17			n.a.
T 15	4 59	27 30	3 57	4 43	0 37	11 48	1 19	21 0	0 19	20 21	0 36	22 39	0 44	21 54	0 36	8 25	1 40	7 59	14 52	17 6	17 27	18 19			n.a.
F 16	4 36	26 45	4 33	3 43	0 27	12 16	1 23	21 7	0 17	20 22	0 36	22 39	0 44	21 54	0 36	8 25	1 40	7 58	14 52	17 5	17 26	18 22			n.a.
S 17	4 13	24 35	4 57	2 43	0 17	12 44	1 26	21 14	0 16	20 22	0 36	22 39	0 44	21 53	0 36	8 24	1 40	7 57	14 52	17 3	17 25	18 25			n.a.
S 18	3 50	21 3	5 6	1 42	0 6	13 12	1 29	21 21	0 14	20 23	0 36	22 39	0 44	21 53	0 36	8 23	1 40	7 57	14 52	17 1	17 24	18 27			n.a.
M19	3 27	16 18	4 57	0 41	0n 5	13 40	1 33	21 28	0 12	20 23	0 36	22 39	0 44	21 53	0 36	8 22	1 40	7 56	14 52	16 58	17 23	18 30			n.a.
T 20	3 3	10 34	4 31	0n20	0 16	14 7	1 36	21 34	0 11	20 23	0 36	22 39	0 44	21 52	0 36	8 21	1 40	7 55	14 52	16 55	17 22	18 32			n.a.
W21	2 40	4 10	3 47	1 20	0 27	14 34	1 40	21 41	0 9	20 24	0 35	22 40	0 44	21 52	0 36	8 20	1 40	7 55	14 52	16 53	17 21	18 35			n.a.
T 22	2 17	2n33	2 48	2 20	0 38	15 1	1 43	21 47	0 7	20 24	0 35	22 40	0 44	21 51	0 36	8 19	1 40	7 54	14 51	16 51	17 21	18 38			n.a.
F 23	1 53	9 11	1 38	3 19	0 49	15 27	1 46	21 54	0 5	20 24	0 35	22 40	0 44	21 51	0 36	8 19	1 40	7 54	14 51	16 50	17 20	18 40			n.a.
S 24	1 30	15 20	0 21	4 18	1 0	15 53	1 50	22 0	0 3	20 24	0 35	22 40	0 44	21 51	0 36	8 18	1 40	7 53	14 51	16 50	17 19	18 43			n.a.
S 25	1 6	20 35	0n57	5 15	1 11	16 19	1 53	22 6	0 2	20 24	0 35	22 40	0 44	21 50	0 36	8 17	1 40	7 52	14 51	16 50	17 18	18 46			n.a.
M26	0 43	24 32	2 11	6 10	1 21	16 44	1 56	22 13	0s 0	20 24	0 35	22 40	0 44	21 50	0 36	8 16	1 40	7 52	14 51	16 50	17 17	18 48			n.a.
T 27	0 19	26 55	3 15	7 4	1 31	17 9	1 59	22 19	0 2	20 24	0 35	22 40	0 44	21 50	0 36	8 15	1 40	7 51	14 51	16 51	17 16	18 51			n.a.
W28	0n 4	27 34	4 7	7 56	1 41	17 33	2 2	22 25	0 4	20 24	0 35	22 40	0 44	21 49	0 36	8 14	1 40	7 51	14 51	16 51	17 15	18 53			n.a.
T 29	0 27	26 31	4 44	8 46	1 50	17 57	2 5	22 30	0 6	20 24	0 35	22 40	0 44	21 49	0 36	8 13	1 40	7 50	14 51	16 50	17 14	18 56			n.a.
F 30	0 51	23 57	5 4	9 34	1 58	18 21	2 9	22 36	0 9	20 24	0 35	22 40	0 44	21 49	0 36	8 13	1 40	7 49	14 51	16 49	17 13	18 59			n.a.
S 31	1n14	20n 8	5n 8	10n19	2n 6	18n44	2n12	22s42	0s11	20s24	0n35	22s40	0n44	21s48	0s36	8s12	1s40	7s49	14s50	16n47	17n12	19s 1			n.a.

Julian Day Number = 1501236.5, Delta T = 05h06m44s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'57, Lahiri = -12°16'56 Julian Calendar 1 March 603 BCE == Greg. Calendar 22 Feb. 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

APRIL 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 9 26	4♈ 1'49	2♍12	22♈48	16♉22	12♐18	2°R39	20♐17	26♑11	13♓20	14♈39	15°R39	17♉10	22♏21	n.a.	S 1
M 2	12 13 23	4°59'44	14°59	24°20	17°29	12°44	2♐38	20°18	26°13	13°22	14°41	15♉32	17° 6	22°28	n.a.	M 2
T 3	12 17 20	5°57'37	27°34	25°49	18°35	13° 9	2°37	20°18	26°15	13°24	14°42	15°25	17° 3	22°34	n.a.	T 3
W 4	12 21 16	6°55'29	9♎56	27°13	19°41	13°35	2°35	20°18	26°16	13°26	14°43	15°20	17° 0	22°41	n.a.	W 4
T 5	12 25 13	7°53'19	22° 7	28°34	20°47	13°59	2°34	20°18	26°18	13°28	14°45	15°16	16°57	22°48	n.a.	T 5
F 6	12 29 9	8°51'07	4♏ 7	29°51	21°53	14°24	2°32	20°R19	26°20	13°30	14°46	15°13	16°54	22°54	n.a.	F 6
S 7	12 33 6	9°48'55	16° 1	1♉ 3	22°59	14°48	2°30	20°19	26°21	13°32	14°47	15°D13	16°51	23° 1	n.a.	S 7
S 8	12 37 2	10°46'40	27°49	2°11	24° 4	15°12	2°28	20°18	26°23	13°34	14°49	15°13	16°47	23° 8	n.a.	S 8
M 9	12 40 59	11°44'25	9♐37	3°15	25°10	15°35	2°26	20°18	26°24	13°36	14°50	15°15	16°44	23°14	n.a.	M 9
T 10	12 44 55	12°42'08	21°28	4°15	26°15	15°58	2°23	20°18	26°25	13°38	14°52	15°17	16°41	23°21	n.a.	T 10
W11	12 48 52	13°39'50	3♑27	5°10	27°19	16°21	2°21	20°18	26°27	13°40	14°53	15°18	16°38	23°28	n.a.	W11
T 12	12 52 49	14°37'30	15°39	6° 1	28°24	16°43	2°18	20°17	26°28	13°42	14°54	15°R18	16°35	23°34	n.a.	T 12
F 13	12 56 45	15°35'10	28° 9	6°47	29°28	17° 5	2°15	20°16	26°29	13°44	14°56	15°18	16°31	23°41	n.a.	F 13
S 14	13 0 42	16°32'48	11♒ 0	7°29	0♊32	17°26	2°12	20°16	26°31	13°46	14°57	15°16	16°28	23°47	n.a.	S 14
S 15	13 4 38	17°30'25	24°17	8° 6	1°36	17°47	2° 8	20°15	26°32	13°48	14°58	15°13	16°25	23°54	n.a.	S 15
M16	13 8 35	18°28'01	8♓ 0	8°38	2°40	18° 8	2° 5	20°14	26°33	13°50	15° 0	15° 9	16°22	24° 1	n.a.	M16
T 17	13 12 31	19°25'36	22° 9	9° 6	3°43	18°28	2° 1	20°13	26°34	13°52	15° 1	15° 5	16°19	24° 7	n.a.	T 17
W18	13 16 28	20°23'10	6♈41	9°29	4°46	18°48	1°57	20°12	26°35	13°54	15° 2	15° 2	16°16	24°14	n.a.	W18
T 19	13 20 24	21°20'42	21°29	9°47	5°49	19° 7	1°53	20°11	26°36	13°56	15° 4	15° 0	16°12	24°21	n.a.	T 19
F 20	13 24 21	22°18'13	6♉27	10° 0	6°52	19°26	1°49	20°10	26°37	13°58	15° 5	14°58	16° 9	24°27	n.a.	F 20
S 21	13 28 18	23°15'43	21°25	10° 9	7°54	19°45	1°45	20° 8	26°38	14° 0	15° 6	14°D58	16° 6	24°34	n.a.	S 21
S 22	13 32 14	24°13'12	6♊17	10°R12	8°56	20° 2	1°40	20° 7	26°38	14° 2	15° 8	14°59	16° 3	24°41	n.a.	S 22
M23	13 36 11	25°10'39	20°55	10°12	9°58	20°20	1°36	20° 5	26°39	14° 3	15° 9	15° 0	16° 0	24°47	n.a.	M23
T 24	13 40 7	26° 8'05	5♋15	10° 6	10°59	20°37	1°31	20° 4	26°40	14° 5	15°10	15° 2	15°57	24°54	n.a.	T 24
W25	13 44 4	27° 5'30	19°15	9°56	12° 0	20°53	1°26	20° 2	26°41	14° 7	15°12	15° 2	15°53	25° 1	n.a.	W25
T 26	13 48 0	28° 2'53	2♌54	9°42	13° 1	21° 9	1°21	20° 0	26°41	14° 9	15°13	15°R 2	15°50	25° 7	n.a.	T 26
F 27	13 51 57	29° 0'14	16°13	9°25	14° 1	21°24	1°15	19°58	26°42	14°10	15°14	15° 2	15°47	25°14	n.a.	F 27
S 28	13 55 53	29°57'35	29°13	9° 3	15° 1	21°39	1°10	19°56	26°42	14°12	15°16	15° 0	15°44	25°21	n.a.	S 28
S 29	13 59 50	0♉54'54	11♍58	8°39	16° 1	21°53	1° 4	19°54	26°43	14°14	15°17	14°59	15°41	25°27	n.a.	S 29
M30	14 3 47	1♉52'12	24♍27	8♉11	17♊ 0	22♐ 7	0♐59	19♐52	26♑43	14♓16	15♈18	14♉57	15♉37	25♏34	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n37	15n26	4n56	11n 2	2n13	19n 6	2n14	22s48	0s13	20s24	0n35	22s41	0n44	21s48	0s36	8s11	1s40	7s48	14s50	16n45	17n11	19s 4		n.a.
M 2	2 1	10 7	4 30	11 43	2 20	19 28	2 17	22 53	0 15	20 24	0 35	22 41	0 44	21 48	0 36	8 10	1 40	7 48	14 50	16 43	17 11	19 6		n.a.
T 3	2 24	4 29	3 50	12 22	2 26	19 50	2 20	22 59	0 17	20 24	0 35	22 41	0 44	21 47	0 37	8 9	1 40	7 47	14 50	16 41	17 10	19 9		n.a.
W 4	2 47	1s14	3 0	12 58	2 31	20 11	2 23	23 4	0 20	20 24	0 35	22 41	0 44	21 47	0 37	8 9	1 41	7 47	14 50	16 39	17 9	19 11		n.a.
T 5	3 10	6 50	2 3	13 31	2 35	20 32	2 25	23 10	0 22	20 23	0 35	22 41	0 44	21 47	0 37	8 8	1 41	7 46	14 50	16 38	17 8	19 14		n.a.
F 6	3 33	12 8	1 0	14 2	2 38	20 52	2 28	23 15	0 25	20 23	0 35	22 41	0 44	21 47	0 37	8 7	1 41	7 45	14 50	16 38	17 7	19 17		n.a.
S 7	3 56	16 56	0s 4	14 30	2 41	21 12	2 31	23 20	0 27	20 23	0 35	22 41	0 44	21 46	0 37	8 6	1 41	7 45	14 50	16 37	17 6	19 19		n.a.
S 8	4 19	21 3	1 8	14 56	2 43	21 31	2 33	23 25	0 30	20 22	0 35	22 41	0 44	21 46	0 37	8 5	1 41	7 44	14 50	16 38	17 5	19 22		n.a.
M 9	4 42	24 20	2 10	15 19	2 43	21 50	2 35	23 31	0 32	20 22	0 35	22 41	0 44	21 46	0 37	8 5	1 41	7 44	14 50	16 38	17 4	19 24		n.a.
T 10	5 5	26 35	3 6	15 40	2 43	22 8	2 38	23 36	0 35	20 21	0 35	22 41	0 44	21 46	0 37	8 4	1 41	7 43	14 50	16 38	17 3	19 27		n.a.
W11	5 28	27 37	3 54	15 58	2 42	22 25	2 40	23 41	0 37	20 21	0 35	22 41	0 44	21 45	0 37	8 3	1 41	7 43	14 50	16 39	17 2	19 29		n.a.
T 12	5 50	27 21	4 33	16 13	2 40	22 43	2 42	23 46	0 40	20 20	0 35	22 41	0 44	21 45	0 37	8 2	1 41	7 42	14 50	16 39	17 1	19 32		n.a.
F 13	6 13	25 42	5 0	16 26	2 37	22 59	2 44	23 51	0 43	20 20	0 35	22 41	0 44	21 45	0 37	8 2	1 41	7 42	14 50	16 39	17 0	19 34		n.a.
S 14	6 35	22 43	5 13	16 36	2 33	23 15	2 46	23 55	0 46	20 19	0 35	22 41	0 44	21 45	0 37	8 1	1 41	7 41	14 50	16 38	17 0	19 37		n.a.
S 15	6 58	18 28	5 10	16 43	2 27	23 30	2 48	24 0	0 48	20 19	0 35	22 41	0 44	21 45	0 37	8 0	1 41	7 40	14 50	16 37	16 59	19 39		n.a.
M16	7 20	13 9	4 49	16 48	2 21	23 45	2 50	24 5	0 51	20 18	0 35	22 40	0 44	21 44	0 37	7 59	1 41	7 40	14 50	16 36	16 58	19 42		n.a.
T 17	7 42	6 59	4 11	16 50	2 14	23 59	2 51	24 10	0 54	20 17	0 35	22 40	0 44	21 44	0 37	7 59	1 41	7 39	14 50	16 35	16 57	19 44		n.a.
W18	8 4	0 18	3 15	16 50	2 6	24 13	2 53	24 15	0 57	20 17	0 35	22 40	0 44	21 44	0 37	7 58	1 41	7 39	14 50	16 34	16 56	19 47		n.a.
T 19	8 26	6n33	2 6	16 47	1 57	24 26	2 54	24 19	1 0	20 16	0 34	22 40	0 44	21 44	0 37	7 57	1 41	7 38	14 50	16 33	16 55	19 49		n.a.
F 20	8 48	13 7	0 47	16 42	1 46	24 38	2 56	24 24	1 4	20 15	0 34	22 40	0 44	21 44	0 37	7 57	1 41	7 38	14 50	16 33	16 54	19 52		n.a.
S 21	9 10	18 56	0n36	16 34	1 35	24 50	2 57	24 29	1 7	20 14	0 34	22 40	0 44	21 44	0 37	7 56	1 41	7 37	14 50	16 33	16 53	19 54		n.a.
S 22	9 31	23 32	1 55	16 24	1 23	25 1	2 58	24 33	1 10	20 13	0 34	22 40	0 44	21 43	0 37	7 55	1 41	7 37	14 50	16 33	16 52	19 57		n.a.
M23	9 52	26 32	3 6	16 11	1 10	25 12	2 59	24 38	1 13	20 12	0 34	22 40	0 44	21 43	0 37	7 55	1 41	7 36	14 50	16 34	16 51	19 59		n.a.
T 24	10 14	27 43	4 3	15 56	0 56	25 22	3 0	24 42	1 17	20 11	0 34	22 40	0 44	21 43	0 37	7 54	1 41	7 36	14 50	16 34	16 50	20 2		n.a.
W25	10 35	27 4	4 45	15 39	0 41	25 32	3 1	24 47	1 20	20 11	0 34	22 40	0 44	21 43	0 37	7 53	1 41	7 35	14 50	16 34	16 49	20 4		n.a.
T 26	10 56	24 47	5 9	15 20	0 26	25 40	3 1	24 51	1 24	20 10	0 34	22 40	0 44	21 43	0 37	7 53	1 41	7 35	14 50	16 34	16 48	20 7		n.a.
F 27	11 16	21 12	5 16	14 59	0 10	25 48	3 2	24 56	1 27	20 9	0 34	22 40	0 44	21 43	0 37	7 52	1 41	7 35	14 50	16 34	16 47	20 9		n.a.
S 28	11 37	16 40	5 6	14 37	0s 6	25 56	3 2	25 1	1 31	20 7	0 34	22 39	0 44	21 43	0 37	7 51	1 41	7 34	14 50	16 34	16 47	20 12		n.a.
S 29	11 57	11 30	4 42	14 13	0 23	26 3	3 3	25 5	1 34	20 6	0 34	22 39	0 44	21 43	0 37	7 51	1 41	7 34	14 50	16 33	16 46	20 14		n.a.
M30	12n17	5n58	4n 4	13n48	0s40	26n 9	3n 3	25s10	1s38	20s 5	0n34	22s39	0n44	21s43	0s37	7s50	1s41	7s33	14s50	16n33	16n45	20s17		n.a.

Julian Day Number = 1501267.5, Delta T = 05h06m42s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'53, Lahiri = -12°16'52 Julian Calendar 1 Apr. 603 BCE == Greg. Calendar 25 March 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

MAY 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 7 43	2♉49'29	6♎45	7°R41	17♊59	22♐20	0°R53	19°R50	26♑44	14♓17	15♈20	14°R55	15♉34	25♏40	n.a.	T 1
W 2	14 11 40	3°46'44	18°53	7♉10	18°57	22°32	0♐47	19♐48	26°44	14°19	15°21	14♉54	15°31	25°47	n.a.	W 2
T 3	14 15 36	4°43'59	0♏52	6°37	19°55	22°44	0°41	19°45	26°44	14°20	15°22	14°53	15°28	25°54	n.a.	T 3
F 4	14 19 33	5°41'13	12°45	6° 4	20°53	22°55	0°35	19°43	26°45	14°22	15°24	14°D52	15°25	26° 0	n.a.	F 4
S 5	14 23 29	6°38'27	24°35	5°30	21°50	23° 6	0°28	19°40	26°45	14°24	15°25	14°53	15°22	26° 7	n.a.	S 5
S 6	14 27 26	7°35'39	6♐23	4°57	22°47	23°16	0°22	19°38	26°45	14°25	15°26	14°53	15°18	26°14	n.a.	S 6
M 7	14 31 22	8°32'52	18°11	4°25	23°43	23°25	0°15	19°35	26°45	14°27	15°27	14°54	15°15	26°20	n.a.	M 7
T 8	14 35 19	9°30'03	0♑ 5	3°54	24°38	23°34	0° 9	19°32	26°45	14°28	15°29	14°54	15°12	26°27	n.a.	T 8
W 9	14 39 16	10°27'14	12° 6	3°26	25°34	23°42	0° 2	19°29	26°R45	14°30	15°30	14°55	15° 9	26°34	n.a.	W 9
T 10	14 43 12	11°24'25	24°19	3° 0	26°28	23°49	29♏55	19°26	26°45	14°31	15°31	14°55	15° 6	26°40	n.a.	T 10
F 11	14 47 9	12°21'35	6♒48	2°37	27°22	23°55	29°48	19°23	26°45	14°32	15°32	14°55	15° 3	26°47	n.a.	F 11
S 12	14 51 5	13°18'45	19°36	2°17	28°16	24° 1	29°41	19°20	26°45	14°34	15°34	14°R55	14°59	26°54	n.a.	S 12
S 13	14 55 2	14°15'55	2♓48	2° 1	29° 9	24° 6	29°34	19°17	26°45	14°35	15°35	14°55	14°56	27° 0	n.a.	S 13
M14	14 58 58	15°13'05	16°25	1°49	0♋ 1	24°11	29°27	19°14	26°44	14°36	15°36	14°D55	14°53	27° 7	n.a.	M14
T 15	15 2 55	16°10'14	0♈29	1°42	0°53	24°14	29°20	19°11	26°44	14°38	15°37	14°55	14°50	27°14	n.a.	T 15
W16	15 6 51	17° 7'23	14°58	1°D38	1°44	24°17	29°13	19° 7	26°44	14°39	15°39	14°55	14°47	27°20	n.a.	W16
T 17	15 10 48	18° 4'32	29°48	1°40	2°35	24°20	29° 5	19° 4	26°43	14°40	15°40	14°56	14°43	27°27	n.a.	T 17
F 18	15 14 45	19° 1'40	14♉52	1°45	3°25	24°21	28°58	19° 0	26°43	14°41	15°41	14°R56	14°40	27°33	n.a.	F 18
S 19	15 18 41	19°58'48	0♊ 3	1°56	4°14	24°R22	28°50	18°57	26°43	14°43	15°42	14°56	14°37	27°40	n.a.	S 19
S 20	15 22 38	20°55'56	15°10	2°11	5° 2	24°21	28°43	18°53	26°42	14°44	15°43	14°55	14°34	27°47	n.a.	S 20
M21	15 26 34	21°53'04	0♋ 5	2°31	5°50	24°21	28°35	18°50	26°41	14°45	15°44	14°55	14°31	27°53	n.a.	M21
T 22	15 30 31	22°50'11	14°40	2°55	6°37	24°19	28°28	18°46	26°41	14°46	15°45	14°54	14°28	28° 0	n.a.	T 22
W23	15 34 27	23°47'18	28°51	3°24	7°23	24°17	28°20	18°42	26°40	14°47	15°47	14°53	14°24	28° 7	n.a.	W23
T 24	15 38 24	24°44'24	12♌37	3°58	8° 8	24°13	28°12	18°38	26°40	14°48	15°48	14°52	14°21	28°13	n.a.	T 24
F 25	15 42 21	25°41'30	25°57	4°36	8°52	24° 9	28° 5	18°35	26°39	14°49	15°49	14°D52	14°18	28°20	n.a.	F 25
S 26	15 46 17	26°38'35	8♍54	5°19	9°36	24° 5	27°57	18°31	26°38	14°50	15°50	14°52	14°15	28°27	n.a.	S 26
S 27	15 50 14	27°35'40	21°31	6° 6	10°18	24° 0	27°49	18°27	26°37	14°51	15°51	14°53	14°12	28°33	n.a.	S 27
M28	15 54 10	28°32'45	3♎50	6°58	10°59	23°53	27°42	18°23	26°36	14°52	15°52	14°54	14° 9	28°40	n.a.	M28
T 29	15 58 7	29°29'49	15°57	7°54	11°40	23°47	27°34	18°19	26°35	14°53	15°53	14°55	14° 5	28°47	n.a.	T 29
W30	16 2 3	0♊26'54	27°55	8°54	12°19	23°39	27°26	18°15	26°34	14°54	15°54	14°57	14° 2	28°53	n.a.	W30
T 31	16 6 0	1♊23'58	9♏47	9♉58	12♋57	23♐31	27♏19	18♐10	26♑33	14♓55	15♈55	14°R57	13♉59	29♏ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	12n37	0n17	3n16	13n22	0s57	26n15	3n 3	25s14	1s42	20s 4	0n34	22s39	0n44	21s43	0s38	7s49	1s42	7s33	14s50	16n32	16n44	20s19			n.a.
W 2	12 57	5s21	2 19	12 55	1 14	26 20	3 2	25 19	1 46	20 3	0 34	22 39	0 44	21 43	0 38	7 49	1 42	7 32	14 50	16 32	16 43	20 22			n.a.
T 3	13 17	10 44	1 17	12 29	1 31	26 24	3 2	25 23	1 49	20 2	0 33	22 39	0 44	21 43	0 38	7 48	1 42	7 32	14 50	16 31	16 42	20 24			n.a.
F 4	13 36	15 42	0 12	12 2	1 48	26 28	3 2	25 28	1 53	20 1	0 33	22 39	0 44	21 43	0 38	7 48	1 42	7 31	14 50	16 31	16 41	20 27			n.a.
S 5	13 55	20 2	0s54	11 36	2 4	26 31	3 1	25 32	1 57	19 59	0 33	22 38	0 43	21 43	0 38	7 47	1 42	7 31	14 50	16 31	16 40	20 29			n.a.
S 6	14 14	23 35	1 57	11 10	2 19	26 34	3 0	25 37	2 1	19 58	0 33	22 38	0 43	21 43	0 38	7 47	1 42	7 31	14 50	16 31	16 39	20 31			n.a.
M 7	14 33	26 8	2 55	10 46	2 33	26 36	2 59	25 42	2 6	19 57	0 33	22 38	0 43	21 43	0 38	7 46	1 42	7 30	14 51	16 32	16 38	20 34			n.a.
T 8	14 51	27 32	3 46	10 23	2 47	26 37	2 58	25 46	2 10	19 56	0 33	22 38	0 43	21 43	0 38	7 46	1 42	7 30	14 51	16 32	16 37	20 36			n.a.
W 9	15 10	27 39	4 27	10 1	2 59	26 38	2 57	25 51	2 14	19 54	0 33	22 38	0 43	21 43	0 38	7 45	1 42	7 29	14 51	16 32	16 36	20 39			n.a.
T 10	15 28	26 25	4 57	9 42	3 11	26 38	2 55	25 55	2 18	19 53	0 33	22 37	0 43	21 43	0 38	7 44	1 42	7 29	14 51	16 32	16 35	20 41			n.a.
F 11	15 45	23 54	5 14	9 24	3 21	26 38	2 54	26 0	2 22	19 51	0 33	22 37	0 43	21 43	0 38	7 44	1 42	7 29	14 51	16 32	16 34	20 44			n.a.
S 12	16 3	20 8	5 17	9 9	3 30	26 37	2 52	26 5	2 27	19 50	0 33	22 37	0 43	21 43	0 38	7 44	1 42	7 28	14 51	16 32	16 33	20 46			n.a.
S 13	16 20	15 18	5 2	8 56	3 38	26 36	2 50	26 9	2 31	19 49	0 32	22 37	0 43	21 43	0 38	7 43	1 42	7 28	14 51	16 32	16 32	20 48			n.a.
M14	16 37	9 35	4 31	8 46	3 44	26 34	2 48	26 14	2 36	19 47	0 32	22 37	0 43	21 43	0 38	7 43	1 42	7 28	14 51	16 32	16 31	20 51			n.a.
T 15	16 54	3 12	3 43	8 38	3 50	26 31	2 45	26 19	2 40	19 46	0 32	22 36	0 43	21 43	0 38	7 42	1 42	7 27	14 51	16 32	16 31	20 53			n.a.
W16	17 11	3n32	2 39	8 33	3 54	26 28	2 42	26 23	2 45	19 44	0 32	22 36	0 43	21 43	0 38	7 42	1 42	7 27	14 52	16 32	16 30	20 56			n.a.
T 17	17 27	10 16	1 23	8 31	3 56	26 24	2 40	26 28	2 49	19 43	0 32	22 36	0 43	21 43	0 38	7 41	1 42	7 27	14 52	16 32	16 29	20 58			n.a.
F 18	17 43	16 31	0 0	8 32	3 58	26 20	2 37	26 33	2 54	19 41	0 32	22 36	0 43	21 44	0 38	7 41	1 42	7 26	14 52	16 32	16 28	21 0			n.a.
S 19	17 59	21 47	1n23	8 35	3 58	26 15	2 33	26 37	2 59	19 40	0 32	22 35	0 43	21 44	0 38	7 40	1 43	7 26	14 52	16 32	16 27	21 3			n.a.
S 20	18 14	25 35	2 40	8 41	3 58	26 10	2 30	26 42	3 3	19 38	0 32	22 35	0 43	21 44	0 38	7 40	1 43	7 26	14 52	16 32	16 26	21 5			n.a.
M21	18 29	27 32	3 45	8 49	3 56	26 5	2 26	26 47	3 8	19 37	0 31	22 35	0 43	21 44	0 38	7 40	1 43	7 25	14 52	16 32	16 25	21 7			n.a.
T 22	18 44	27 30	4 34	9 0	3 53	25 58	2 22	26 51	3 13	19 35	0 31	22 35	0 43	21 44	0 38	7 39	1 43	7 25	14 52	16 32	16 24	21 10			n.a.
W23	18 59	25 38	5 5	9 14	3 50	25 52	2 18	26 56	3 18	19 33	0 31	22 34	0 43	21 44	0 38	7 39	1 43	7 25	14 53	16 31	16 23	21 12			n.a.
T 24	19 13	22 19	5 17	9 29	3 45	25 45	2 14	27 1	3 22	19 32	0 31	22 34	0 43	21 44	0 38	7 38	1 43	7 25	14 53	16 31	16 22	21 15			n.a.
F 25	19 27	17 54	5 11	9 48	3 39	25 37	2 9	27 5	3 27	19 30	0 31	22 34	0 43	21 45	0 38	7 38	1 43	7 24	14 53	16 31	16 21	21 17			n.a.
S 26	19 40	12 48	4 50	10 8	3 33	25 29	2 5	27 10	3 32	19 29	0 31	22 34	0 43	21 45	0 38	7 38	1 43	7 24	14 53	16 31	16 20	21 19			n.a.
S 27	19 54	7 18	4 15	10 30	3 26	25 21	1 59	27 14	3 37	19 27	0 31	22 33	0 42	21 45	0 38	7 37	1 43	7 24	14 53	16 31	16 19	21 22			n.a.
M28	20 7	1 38	3 29	10 54	3 18	25 12	1 54	27 19	3 42	19 25	0 30	22 33	0 42	21 45	0 38	7 37	1 43	7 24	14 53	16 32	16 18	21 24			n.a.
T 29	20 19	4s 0	2 34	11 21	3 10	25 3	1 48	27 23	3 46	19 24	0 30	22 33	0 42	21 45	0 39	7 37	1 43	7 23	14 54	16 32	16 17	21 26			n.a.
W30	20 32	9 26	1 33	11 48	3 1	24 54	1 43	27 28	3 51	19 22	0 30	22 32	0 42	21 46	0 39	7 37	1 43	7 23	14 54	16 33	16 16	21 29			n.a.
T 31	20n43	14s30	0n29	12n18	2s51	24n44	1n36	27s32	3s56	19s21	0n30	22s32	0n42	21s46	0s39	7s36	1s43	7s23	14s54	16n33	16n15	21s31			n.a.

Julian Day Number = 1501297.5, Delta T = 05h06m41s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'49, Lahiri = -12°16'48 Julian Calendar 1 May 603 BCE == Greg. Calendar 24 Apr. 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

JUNE 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 9 56	2♊21'02	21♏35	11♉ 6	13♋34	23°R22	27°R11	18°R 6	26°R32	14♓55	15♈56	14°R57	13♉56	29♏ 7	n.a.	F 1
S 2	16 13 53	3°18'06	3♐23	12°19	14°10	23♐13	27♏ 3	18♐ 2	26♑31	14°56	15°57	14♉56	13°53	29°13	n.a.	S 2
S 3	16 17 50	4°15'11	15°13	13°35	14°44	23° 2	26°56	17°58	26°30	14°57	15°58	14°54	13°49	29°20	n.a.	S 3
M 4	16 21 46	5°12'16	27° 6	14°56	15°17	22°52	26°48	17°54	26°29	14°58	15°59	14°52	13°46	29°27	n.a.	M 4
T 5	16 25 43	6° 9'21	9♑ 6	16°20	15°49	22°40	26°41	17°49	26°28	14°58	16° 0	14°48	13°43	29°33	n.a.	T 5
W 6	16 29 39	7° 6'27	21°14	17°49	16°19	22°28	26°33	17°45	26°26	14°59	16° 1	14°45	13°40	29°40	n.a.	W 6
T 7	16 33 36	8° 3'33	3♒32	19°21	16°48	22°16	26°26	17°41	26°25	15° 0	16° 2	14°42	13°37	29°46	n.a.	T 7
F 8	16 37 32	9° 0'40	16° 4	20°57	17°16	22° 3	26°19	17°36	26°24	15° 0	16° 3	14°39	13°34	29°53	n.a.	F 8
S 9	16 41 29	9°57'47	28°53	22°36	17°42	21°49	26°11	17°32	26°22	15° 1	16° 3	14°38	13°30	29°59	n.a.	S 9
S 10	16 45 25	10°54'55	12♓ 1	24°19	18° 6	21°35	26° 4	17°28	26°21	15° 1	16° 4	14°D37	13°27	0♐ 6	n.a.	S 10
M11	16 49 22	11°52'03	25°31	26° 5	18°28	21°21	25°57	17°23	26°19	15° 2	16° 5	14°38	13°24	0°13	n.a.	M11
T 12	16 53 19	12°49'12	9♈24	27°54	18°49	21° 6	25°50	17°19	26°18	15° 2	16° 6	14°39	13°21	0°20	n.a.	T 12
W13	16 57 15	13°46'22	23°41	29°46	19° 8	20°51	25°43	17°15	26°16	15° 3	16° 7	14°40	13°18	0°26	n.a.	W13
T 14	17 1 12	14°43'33	8♉21	1♊42	19°25	20°36	25°36	17°10	26°15	15° 3	16° 8	14°R41	13°14	0°33	n.a.	T 14
F 15	17 5 8	15°40'45	23°17	3°39	19°41	20°20	25°29	17° 6	26°13	15° 3	16° 8	14°41	13°11	0°40	n.a.	F 15
S 16	17 9 5	16°37'58	8♊25	5°39	19°54	20° 4	25°22	17° 1	26°12	15° 4	16° 9	14°40	13° 8	0°46	n.a.	S 16
S 17	17 13 1	17°35'11	23°34	7°41	20° 5	19°48	25°16	16°57	26°10	15° 4	16°10	14°37	13° 5	0°53	n.a.	S 17
M18	17 16 58	18°32'25	8♋35	9°44	20°15	19°31	25° 9	16°52	26° 8	15° 4	16°11	14°32	13° 2	1° 0	n.a.	M18
T 19	17 20 55	19°29'39	23°20	11°49	20°22	19°15	25° 3	16°48	26° 6	15° 5	16°11	14°27	12°59	1° 6	n.a.	T 19
W20	17 24 51	20°26'55	7♌41	13°55	20°27	18°59	24°57	16°44	26° 5	15° 5	16°12	14°22	12°55	1°13	n.a.	W20
T 21	17 28 48	21°24'10	21°34	16° 1	20°29	18°42	24°50	16°39	26° 3	15° 5	16°13	14°18	12°52	1°20	n.a.	T 21
F 22	17 32 44	22°21'26	4♍59	18° 8	20°R30	18°26	24°44	16°35	26° 1	15° 5	16°13	14°15	12°49	1°26	n.a.	F 22
S 23	17 36 41	23°18'42	17°58	20°15	20°28	18°10	24°38	16°30	25°59	15° 5	16°14	14°D14	12°46	1°33	n.a.	S 23
S 24	17 40 37	24°15'59	0♎33	22°21	20°24	17°54	24°33	16°26	25°57	15° 5	16°15	14°14	12°43	1°40	n.a.	S 24
M25	17 44 34	25°13'17	12°50	24°28	20°17	17°38	24°27	16°22	25°55	15°R 5	16°15	14°15	12°40	1°46	n.a.	M25
T 26	17 48 30	26°10'35	24°52	26°33	20° 8	17°23	24°21	16°17	25°53	15° 5	16°16	14°17	12°36	1°53	n.a.	T 26
W27	17 52 27	27° 7'55	6♏45	28°38	19°56	17° 7	24°16	16°13	25°51	15° 5	16°16	14°18	12°33	2° 0	n.a.	W27
T 28	17 56 24	28° 5'14	18°34	0♋42	19°43	16°53	24°11	16° 9	25°49	15° 5	16°17	14°R18	12°30	2° 6	n.a.	T 28
F 29	18 0 20	29° 2'35	0♐21	2°45	19°26	16°38	24° 6	16° 4	25°47	15° 5	16°17	14°16	12°27	2°13	n.a.	F 29
S 30	18 4 17	29♊59'57	12♐11	4♋47	19♋ 8	16♐24	24♏ 1	16♐ 0	25♑45	15♓ 5	16♈18	14♉13	12♉24	2♐20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n55	19s 0	0s37	12n49	2s41	24n34	1n30	27s36	4s 1	19s19	0n30	22s32	0n42	21s46	0s39	7s36	1s43	7s23	14s54	16n33	16n14	21s33		n.a.
S 2	21 6	22 46	1 40	13 22	2 30	24 23	1 23	27 41	4 5	19 17	0 30	22 31	0 42	21 46	0 39	7 36	1 43	7 23	14 54	16 32	16 13	21 35		n.a.
S 3	21 17	25 35	2 39	13 55	2 19	24 12	1 16	27 45	4 10	19 16	0 29	22 31	0 42	21 47	0 39	7 36	1 43	7 22	14 55	16 32	16 12	21 38		n.a.
M 4	21 28	27 16	3 32	14 30	2 8	24 1	1 9	27 49	4 15	19 14	0 29	22 31	0 42	21 47	0 39	7 35	1 43	7 22	14 55	16 31	16 11	21 40		n.a.
T 5	21 38	27 42	4 16	15 6	1 56	23 50	1 1	27 53	4 19	19 13	0 29	22 30	0 42	21 47	0 39	7 35	1 44	7 22	14 55	16 30	16 10	21 42		n.a.
W 6	21 48	26 49	4 48	15 43	1 44	23 38	0 53	27 56	4 24	19 11	0 29	22 30	0 42	21 47	0 39	7 35	1 44	7 22	14 55	16 29	16 9	21 45		n.a.
T 7	21 57	24 37	5 8	16 20	1 32	23 27	0 45	28 0	4 28	19 9	0 29	22 30	0 42	21 48	0 39	7 35	1 44	7 22	14 55	16 28	16 9	21 47		n.a.
F 8	22 6	21 13	5 14	16 57	1 20	23 15	0 37	28 4	4 33	19 8	0 29	22 30	0 42	21 48	0 39	7 35	1 44	7 22	14 56	16 27	16 8	21 49		n.a.
S 9	22 15	16 46	5 5	17 35	1 7	23 3	0 28	28 7	4 37	19 6	0 28	22 29	0 42	21 48	0 39	7 34	1 44	7 21	14 56	16 27	16 7	21 52		n.a.
S 10	22 23	11 26	4 39	18 13	0 55	22 50	0 19	28 10	4 41	19 5	0 28	22 29	0 42	21 49	0 39	7 34	1 44	7 21	14 56	16 27	16 6	21 54		n.a.
M11	22 31	5 26	3 58	18 51	0 42	22 38	0 9	28 14	4 45	19 3	0 28	22 28	0 41	21 49	0 39	7 34	1 44	7 21	14 56	16 27	16 5	21 56		n.a.
T 12	22 39	1n 0	3 2	19 29	0 30	22 25	0s 0	28 17	4 49	19 2	0 28	22 28	0 41	21 49	0 39	7 34	1 44	7 21	14 57	16 27	16 4	21 58		n.a.
W13	22 46	7 35	1 53	20 5	0 18	22 12	0 11	28 19	4 53	19 0	0 28	22 28	0 41	21 50	0 39	7 34	1 44	7 21	14 57	16 28	16 3	22 1		n.a.
T 14	22 53	13 56	0 35	20 41	0 6	22 0	0 21	28 22	4 57	18 59	0 28	22 27	0 41	21 50	0 39	7 34	1 44	7 21	14 57	16 28	16 2	22 3		n.a.
F 15	22 59	19 37	0n47	21 16	0n 5	21 47	0 32	28 25	5 1	18 57	0 27	22 27	0 41	21 50	0 39	7 34	1 44	7 21	14 57	16 28	16 1	22 5		n.a.
S 16	23 5	24 5	2 6	21 49	0 17	21 34	0 43	28 27	5 4	18 56	0 27	22 27	0 41	21 51	0 39	7 34	1 44	7 21	14 57	16 28	16 0	22 7		n.a.
S 17	23 11	26 53	3 17	22 20	0 27	21 21	0 54	28 29	5 8	18 54	0 27	22 26	0 41	21 51	0 39	7 34	1 44	7 21	14 58	16 27	15 59	22 10		n.a.
M18	23 16	27 41	4 13	22 50	0 38	21 8	1 6	28 31	5 11	18 53	0 27	22 26	0 41	21 51	0 39	7 34	1 44	7 21	14 58	16 25	15 58	22 12		n.a.
T 19	23 21	26 30	4 51	23 18	0 47	20 55	1 18	28 33	5 14	18 52	0 27	22 26	0 41	21 52	0 39	7 34	1 44	7 21	14 58	16 24	15 57	22 14		n.a.
W20	23 25	23 35	5 9	23 43	0 56	20 42	1 30	28 34	5 17	18 50	0 26	22 25	0 41	21 52	0 39	7 34	1 45	7 21	14 58	16 22	15 56	22 16		n.a.
T 21	23 29	19 22	5 9	24 6	1 5	20 29	1 43	28 36	5 20	18 49	0 26	22 25	0 41	21 52	0 39	7 34	1 45	7 21	14 59	16 21	15 55	22 18		n.a.
F 22	23 33	14 19	4 51	24 26	1 12	20 16	1 56	28 37	5 23	18 48	0 26	22 25	0 40	21 53	0 39	7 34	1 45	7 21	14 59	16 20	15 54	22 21		n.a.
S 23	23 36	8 47	4 19	24 43	1 19	20 4	2 9	28 38	5 25	18 46	0 26	22 24	0 40	21 53	0 39	7 34	1 45	7 21	14 59	16 20	15 53	22 23		n.a.
S 24	23 39	3 4	3 35	24 58	1 25	19 51	2 22	28 39	5 28	18 45	0 26	22 24	0 40	21 53	0 39	7 34	1 45	7 21	14 59	16 20	15 52	22 25		n.a.
M25	23 41	2s39	2 43	25 10	1 31	19 39	2 36	28 40	5 30	18 44	0 25	22 24	0 40	21 54	0 39	7 34	1 45	7 21	15 0	16 20	15 51	22 27		n.a.
T 26	23 43	8 9	1 44	25 19	1 36	19 26	2 50	28 40	5 32	18 43	0 25	22 23	0 40	21 54	0 39	7 34	1 45	7 21	15 0	16 21	15 50	22 29		n.a.
W27	23 44	13 19	0 41	25 25	1 40	19 14	3 4	28 41	5 34	18 42	0 25	22 23	0 40	21 55	0 39	7 34	1 45	7 21	15 0	16 21	15 49	22 32		n.a.
T 28	23 45	17 57	0s23	25 29	1 43	19 2	3 18	28 41	5 36	18 40	0 25	22 23	0 40	21 55	0 39	7 34	1 45	7 21	15 1	16 21	15 48	22 34		n.a.
F 29	23 46	21 54	1 26	25 30	1 46	18 51	3 32	28 41	5 37	18 39	0 25	22 22	0 40	21 55	0 39	7 34	1 45	7 21	15 1	16 21	15 47	22 36		n.a.
S 30	23n46	24s58	2s25	25n28	1n47	18n39	3s46	28s41	5s39	18s38	0n24	22s22	0n40	21s56	0s39	7s34	1s45	7s21	15s 1	16n19	15n46	22s38		n.a.

Julian Day Number = 1501328.5, Delta T = 05h06m39s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'44, Lahiri = -12°16'44 Julian Calendar 1 June 603 BCE == Greg. Calendar 25 May 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

JULY 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 8 13	0♋57'20	24♐ 5	6♋47	18°R47	16°R10	23°R56	15°R56	25°R43	15°R 5	16♈18	14°R 8	12♉20	2♐26	n.a.	S 1
M 2	18 12 10	1°54'44	6♑ 7	8°46	18♋24	15♐57	23♏51	15♐52	25♑41	15♓ 5	16°19	14♉ 0	12°17	2°33	n.a.	M 2
T 3	18 16 6	2°52'09	18°17	10°43	17°59	15°44	23°47	15°48	25°39	15° 4	16°19	13°52	12°14	2°39	n.a.	T 3
W 4	18 20 3	3°49'35	0♒37	12°39	17°32	15°32	23°42	15°44	25°37	15° 4	16°20	13°43	12°11	2°46	n.a.	W 4
T 5	18 24 0	4°47'02	13° 8	14°34	17° 3	15°21	23°38	15°40	25°35	15° 4	16°20	13°34	12° 8	2°53	n.a.	T 5
F 6	18 27 56	5°44'31	25°50	16°27	16°33	15°10	23°34	15°36	25°32	15° 3	16°21	13°27	12° 5	2°59	n.a.	F 6
S 7	18 31 53	6°42'01	8♓46	18°18	16° 1	14°59	23°30	15°32	25°30	15° 3	16°21	13°21	12° 1	3° 6	n.a.	S 7
S 8	18 35 49	7°39'33	21°57	20° 8	15°27	14°50	23°27	15°28	25°28	15° 3	16°21	13°18	11°58	3°13	n.a.	S 8
M 9	18 39 46	8°37'07	5♈24	21°57	14°53	14°41	23°23	15°24	25°26	15° 2	16°22	13°D17	11°55	3°19	n.a.	M 9
T 10	18 43 42	9°34'42	19° 9	23°44	14°17	14°32	23°20	15°20	25°23	15° 2	16°22	13°17	11°52	3°26	n.a.	T 10
W11	18 47 39	10°32'18	3♉14	25°29	13°41	14°25	23°17	15°16	25°21	15° 1	16°22	13°18	11°49	3°33	n.a.	W11
T 12	18 51 35	11°29'57	17°36	27°13	13° 4	14°18	23°14	15°12	25°19	15° 1	16°22	13°R18	11°46	3°39	n.a.	T 12
F 13	18 55 32	12°27'37	2♊16	28°56	12°28	14°12	23°11	15° 9	25°17	15° 0	16°23	13°17	11°42	3°46	n.a.	F 13
S 14	18 59 29	13°25'19	17° 7	0♌37	11°51	14° 7	23° 9	15° 5	25°14	15° 0	16°23	13°13	11°39	3°53	n.a.	S 14
S 15	19 3 25	14°23'02	2♋ 4	2°17	11°14	14° 2	23° 6	15° 1	25°12	14°59	16°23	13° 7	11°36	3°59	n.a.	S 15
M16	19 7 22	15°20'47	16°56	3°55	10°37	13°58	23° 4	14°58	25°10	14°58	16°23	12°58	11°33	4° 6	n.a.	M16
T 17	19 11 18	16°18'34	1♌37	5°32	10° 2	13°55	23° 2	14°54	25° 7	14°58	16°23	12°49	11°30	4°13	n.a.	T 17
W18	19 15 15	17°16'22	15°58	7° 7	9°27	13°53	23° 0	14°51	25° 5	14°57	16°24	12°39	11°26	4°19	n.a.	W18
T 19	19 19 11	18°14'11	29°54	8°41	8°53	13°52	22°58	14°48	25° 2	14°56	16°24	12°30	11°23	4°26	n.a.	T 19
F 20	19 23 8	19°12'02	13♍22	10°13	8°21	13°D52	22°57	14°44	25° 0	14°56	16°24	12°23	11°20	4°33	n.a.	F 20
S 21	19 27 4	20° 9'54	26°24	11°44	7°50	13°52	22°55	14°41	24°58	14°55	16°24	12°19	11°17	4°39	n.a.	S 21
S 22	19 31 1	21° 7'47	9♎ 1	13°14	7°21	13°53	22°54	14°38	24°55	14°54	16°24	12°16	11°14	4°46	n.a.	S 22
M23	19 34 58	22° 5'42	21°18	14°42	6°53	13°55	22°53	14°35	24°53	14°53	16°24	12°D15	11°11	4°53	n.a.	M23
T 24	19 38 54	23° 3'38	3♏20	16° 9	6°28	13°58	22°53	14°32	24°51	14°52	16°R24	12°16	11° 7	4°59	n.a.	T 24
W25	19 42 51	24° 1'36	15°12	17°34	6° 4	14° 2	22°52	14°29	24°48	14°51	16°24	12°R16	11° 4	5° 6	n.a.	W25
T 26	19 46 47	24°59'35	27° 0	18°58	5°43	14° 6	22°52	14°26	24°46	14°50	16°24	12°15	11° 1	5°13	n.a.	T 26
F 27	19 50 44	25°57'36	8♐49	20°20	5°24	14°11	22°D52	14°24	24°43	14°49	16°24	12°12	10°58	5°19	n.a.	F 27
S 28	19 54 40	26°55'39	20°42	21°41	5° 7	14°17	22°52	14°21	24°41	14°49	16°24	12° 6	10°55	5°26	n.a.	S 28
S 29	19 58 37	27°53'43	2♑43	23° 0	4°52	14°24	22°52	14°18	24°39	14°48	16°24	11°58	10°52	5°33	n.a.	S 29
M30	20 2 33	28°51'48	14°55	24°17	4°40	14°32	22°52	14°16	24°36	14°46	16°24	11°47	10°48	5°39	n.a.	M30
T 31	20 6 30	29♋49'56	27♑19	25♌33	4♋30	14♐40	22♏53	14♐13	24♑34	14♓45	16♈23	11♉35	10♉45	5♐46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n46	26s56	3s18	25n24	1n49	18n28	4s 0	28s41	5s40	18s37	0n24	22s22	0n40	21s56	0s39	7s34	1s45	7s21	15s 1	16n18	15n45	22s40			n.a.
M 2	23 45	27 40	4 3	25 18	1 49	18 17	4 14	28 40	5 41	18 36	0 24	22 21	0 39	21 57	0 39	7 34	1 45	7 21	15 2	16 16	15 44	22 42			n.a.
T 3	23 44	27 4	4 37	25 9	1 49	18 7	4 28	28 40	5 42	18 35	0 24	22 21	0 39	21 57	0 39	7 35	1 45	7 21	15 2	16 13	15 43	22 45			n.a.
W 4	23 43	25 9	4 59	24 57	1 48	17 57	4 42	28 39	5 43	18 35	0 24	22 21	0 39	21 58	0 39	7 35	1 45	7 21	15 2	16 10	15 42	22 47			n.a.
T 5	23 41	21 59	5 6	24 44	1 47	17 47	4 56	28 38	5 44	18 34	0 23	22 20	0 39	21 58	0 39	7 35	1 45	7 21	15 2	16 8	15 41	22 49			n.a.
F 6	23 39	17 46	4 59	24 29	1 45	17 37	5 9	28 38	5 44	18 33	0 23	22 20	0 39	21 58	0 39	7 35	1 46	7 21	15 3	16 5	15 40	22 51			n.a.
S 7	23 36	12 40	4 37	24 12	1 43	17 28	5 22	28 37	5 44	18 32	0 23	22 20	0 39	21 59	0 40	7 35	1 46	7 22	15 3	16 4	15 39	22 53			n.a.
S 8	23 33	6 54	4 0	23 53	1 40	17 19	5 34	28 36	5 45	18 31	0 23	22 19	0 39	21 59	0 40	7 35	1 46	7 22	15 3	16 3	15 38	22 55			n.a.
M 9	23 29	0 42	3 9	23 33	1 37	17 11	5 47	28 35	5 45	18 31	0 23	22 19	0 39	22 0	0 40	7 36	1 46	7 22	15 4	16 2	15 37	22 57			n.a.
T 10	23 25	5n40	2 6	23 11	1 33	17 3	5 58	28 34	5 45	18 30	0 22	22 19	0 39	22 0	0 40	7 36	1 46	7 22	15 4	16 3	15 36	22 59			n.a.
W11	23 21	11 55	0 54	22 48	1 29	16 56	6 9	28 33	5 44	18 29	0 22	22 18	0 38	22 1	0 40	7 36	1 46	7 22	15 4	16 3	15 35	23 2			n.a.
T 12	23 16	17 41	0n23	22 23	1 25	16 49	6 20	28 31	5 44	18 29	0 22	22 18	0 38	22 1	0 40	7 36	1 46	7 22	15 4	16 3	15 34	23 4			n.a.
F 13	23 11	22 32	1 40	21 57	1 20	16 43	6 29	28 30	5 43	18 28	0 22	22 18	0 38	22 1	0 40	7 37	1 46	7 22	15 5	16 2	15 33	23 6			n.a.
S 14	23 5	25 58	2 50	21 30	1 14	16 37	6 38	28 29	5 43	18 28	0 22	22 17	0 38	22 2	0 40	7 37	1 46	7 23	15 5	16 1	15 32	23 8			n.a.
S 15	22 59	27 35	3 50	21 2	1 9	16 32	6 47	28 27	5 42	18 27	0 21	22 17	0 38	22 2	0 40	7 37	1 46	7 23	15 5	15 59	15 31	23 10			n.a.
M16	22 52	27 12	4 33	20 33	1 3	16 27	6 54	28 26	5 41	18 27	0 21	22 17	0 38	22 3	0 40	7 38	1 46	7 23	15 6	15 57	15 30	23 12			n.a.
T 17	22 45	24 54	4 58	20 3	0 56	16 23	7 1	28 25	5 40	18 27	0 21	22 17	0 38	22 3	0 40	7 38	1 46	7 23	15 6	15 54	15 29	23 14			n.a.
W18	22 38	21 5	5 3	19 33	0 50	16 20	7 7	28 24	5 39	18 26	0 21	22 16	0 38	22 4	0 40	7 38	1 46	7 23	15 6	15 51	15 28	23 16			n.a.
T 19	22 31	16 10	4 50	19 2	0 43	16 17	7 12	28 22	5 38	18 26	0 21	22 16	0 37	22 4	0 40	7 39	1 46	7 24	15 6	15 48	15 27	23 18			n.a.
F 20	22 22	10 37	4 21	18 30	0 36	16 14	7 17	28 21	5 37	18 26	0 20	22 16	0 37	22 5	0 40	7 39	1 46	7 24	15 7	15 46	15 26	23 20			n.a.
S 21	22 14	4 47	3 39	17 57	0 28	16 12	7 20	28 20	5 35	18 26	0 20	22 16	0 37	22 5	0 40	7 39	1 46	7 24	15 7	15 45	15 25	23 22			n.a.
S 22	22 5	1s 4	2 47	17 24	0 21	16 11	7 23	28 18	5 34	18 26	0 20	22 15	0 37	22 5	0 40	7 40	1 46	7 24	15 7	15 44	15 24	23 24			n.a.
M23	21 56	6 44	1 49	16 51	0 13	16 11	7 25	28 17	5 32	18 26	0 20	22 15	0 37	22 6	0 40	7 40	1 47	7 25	15 8	15 44	15 23	23 26			n.a.
T 24	21 46	12 3	0 47	16 18	0 5	16 10	7 27	28 16	5 31	18 26	0 20	22 15	0 37	22 6	0 40	7 40	1 47	7 25	15 8	15 44	15 22	23 28			n.a.
W25	21 36	16 52	0s16	15 44	0s 3	16 11	7 27	28 15	5 29	18 26	0 19	22 15	0 37	22 7	0 40	7 41	1 47	7 25	15 8	15 44	15 21	23 30			n.a.
T 26	21 26	21 1	1 18	15 10	0 12	16 12	7 27	28 13	5 27	18 26	0 19	22 15	0 37	22 7	0 40	7 41	1 47	7 25	15 8	15 43	15 20	23 33			n.a.
F 27	21 15	24 19	2 16	14 35	0 20	16 13	7 26	28 12	5 26	18 26	0 19	22 14	0 36	22 8	0 40	7 42	1 47	7 26	15 9	15 42	15 19	23 35			n.a.
S 28	21 4	26 35	3 9	14 1	0 29	16 15	7 25	28 11	5 24	18 26	0 19	22 14	0 36	22 8	0 40	7 42	1 47	7 26	15 9	15 41	15 18	23 37			n.a.
S 29	20 52	27 38	3 54	13 27	0 38	16 18	7 23	28 10	5 22	18 27	0 19	22 14	0 36	22 9	0 40	7 43	1 47	7 26	15 9	15 38	15 17	23 39			n.a.
M30	20 40	27 22	4 29	12 53	0 47	16 21	7 20	28 9	5 20	18 27	0 19	22 14	0 36	22 9	0 40	7 43	1 47	7 27	15 10	15 35	15 16	23 41			n.a.
T 31	20n28	25s44	4s51	12n19	0s56	16n24	7s17	28s 8	5s18	18s27	0n18	22s14	0n36	22s 9	0s40	7s43	1s47	7s27	15s10	15n31	15n15	23s43			n.a.

Julian Day Number = 1501358.5, Delta T = 05h06m38s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'40, Lahiri = -12°16'40 Julian Calendar 1 July 603 BCE == Greg. Calendar 24 June 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

AUGUST 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 10 27	0♌48'05	9♒56	26♌46	4°R23	14♐49	22♏54	14°R11	24°R31	14°R44	16°R23	11°R22	10♉42	5♐53	n.a.	W 1
T 2	20 14 23	1°46'16	22°44	27°58	4♋18	14°59	22°55	14♐ 9	24♉29	14♓43	16♈23	11♉10	10°39	5°59	n.a.	T 2
F 3	20 18 20	2°44'30	5♓45	29° 9	4°16	15°10	22°56	14° 7	24°27	14°42	16°23	10°59	10°36	6° 6	n.a.	F 3
S 4	20 22 16	3°42'45	18°57	0♍17	4°D16	15°21	22°57	14° 4	24°24	14°41	16°23	10°50	10°32	6°13	n.a.	S 4
S 5	20 26 13	4°41'02	2♈20	1°23	4°18	15°33	22°59	14° 2	24°22	14°40	16°22	10°45	10°29	6°19	n.a.	S 5
M 6	20 30 9	5°39'21	15°54	2°26	4°22	15°46	23° 0	14° 1	24°20	14°39	16°22	10°42	10°26	6°26	n.a.	M 6
T 7	20 34 6	6°37'43	29°40	3°28	4°29	15°59	23° 2	13°59	24°17	14°37	16°22	10°41	10°23	6°33	n.a.	T 7
W 8	20 38 2	7°36'07	13♉37	4°26	4°38	16°14	23° 4	13°57	24°15	14°36	16°22	10°41	10°20	6°39	n.a.	W 8
T 9	20 41 59	8°34'34	27°47	5°23	4°49	16°28	23° 7	13°55	24°13	14°35	16°21	10°40	10°17	6°46	n.a.	T 9
F 10	20 45 55	9°33'02	12♊ 7	6°16	5° 2	16°44	23° 9	13°54	24°10	14°34	16°21	10°38	10°13	6°53	n.a.	F 10
S 11	20 49 52	10°31'34	26°36	7° 6	5°18	17° 0	23°12	13°52	24° 8	14°32	16°21	10°33	10°10	6°59	n.a.	S 11
S 12	20 53 49	11°30'07	11♋10	7°53	5°35	17°16	23°15	13°51	24° 6	14°31	16°20	10°26	10° 7	7° 6	n.a.	S 12
M13	20 57 45	12°28'42	25°41	8°36	5°54	17°34	23°18	13°50	24° 4	14°30	16°20	10°16	10° 4	7°13	n.a.	M13
T 14	21 1 42	13°27'20	10♌ 4	9°16	6°15	17°52	23°21	13°48	24° 1	14°28	16°19	10° 4	10° 1	7°19	n.a.	T 14
W15	21 5 38	14°26'00	24°12	9°51	6°38	18°10	23°24	13°47	23°59	14°27	16°19	9°52	9°58	7°26	n.a.	W15
T 16	21 9 35	15°24'41	7♍59	10°22	7° 2	18°29	23°28	13°46	23°57	14°25	16°18	9°41	9°54	7°33	n.a.	T 16
F 17	21 13 31	16°23'25	21°24	10°49	7°28	18°49	23°31	13°45	23°55	14°24	16°18	9°31	9°51	7°39	n.a.	F 17
S 18	21 17 28	17°22'10	4♎23	11°10	7°56	19° 9	23°35	13°45	23°53	14°23	16°17	9°25	9°48	7°46	n.a.	S 18
S 19	21 21 24	18°20'58	17° 1	11°26	8°26	19°30	23°39	13°44	23°51	14°21	16°17	9°21	9°45	7°52	n.a.	S 19
M20	21 25 21	19°19'47	29°18	11°35	8°56	19°51	23°44	13°43	23°48	14°20	16°16	9°19	9°42	7°59	n.a.	M20
T 21	21 29 18	20°18'38	11♏21	11°R39	9°29	20°13	23°48	13°43	23°46	14°18	16°16	9°D19	9°38	8° 6	n.a.	T 21
W22	21 33 14	21°17'31	23°14	11°36	10° 2	20°36	23°53	13°42	23°44	14°17	16°15	9°R19	9°35	8°12	n.a.	W22
T 23	21 37 11	22°16'26	5♐ 3	11°26	10°37	20°58	23°58	13°42	23°42	14°15	16°15	9°18	9°32	8°19	n.a.	T 23
F 24	21 41 7	23°15'23	16°53	11° 9	11°14	21°22	24° 2	13°42	23°40	14°14	16°14	9°16	9°29	8°26	n.a.	F 24
S 25	21 45 4	24°14'22	28°50	10°44	11°51	21°46	24° 8	13°42	23°38	14°12	16°13	9°11	9°26	8°32	n.a.	S 25
S 26	21 49 0	25°13'22	10♑56	10°12	12°30	22°10	24°13	13°D42	23°36	14°10	16°13	9° 4	9°23	8°39	n.a.	S 26
M27	21 52 57	26°12'25	23°17	9°33	13°10	22°35	24°18	13°42	23°35	14° 9	16°12	8°54	9°19	8°46	n.a.	M27
T 28	21 56 53	27°11'30	5♒53	8°46	13°51	23° 0	24°24	13°42	23°33	14° 7	16°11	8°43	9°16	8°52	n.a.	T 28
W29	22 0 50	28°10'37	18°46	7°53	14°33	23°26	24°30	13°42	23°31	14° 6	16°11	8°30	9°13	8°59	n.a.	W29
T 30	22 4 47	29° 9'45	1♓55	6°53	15°17	23°52	24°36	13°43	23°29	14° 4	16°10	8°18	9°10	9° 6	n.a.	T 30
F 31	22 8 43	0♍ 8'56	15♓18	5♍49	16♋ 1	24♐18	24♏42	13♐43	23♉27	14♓ 2	16♈ 9	8♉ 8	9♉ 7	9♐12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20n15	22s49	5s 0	11n45	1s 5	16n28	7s14	28s 7	5s16	18s28	0n18	22s14	0n36	22s10	0s40	7s44	1s47	7s27	15s10	15n27	15n14	23s45		n.a.
T 2	20 2	18 45	4 54	11 11	1 14	16 32	7 10	28 6	5 14	18 28	0 18	22 13	0 36	22 10	0 40	7 44	1 47	7 28	15 10	15 23	15 13	23 47		n.a.
F 3	19 49	13 45	4 33	10 38	1 23	16 37	7 5	28 5	5 11	18 28	0 18	22 13	0 36	22 11	0 40	7 45	1 47	7 28	15 11	15 20	15 12	23 48		n.a.
S 4	19 35	8 4	3 57	10 5	1 32	16 42	7 0	28 4	5 9	18 29	0 18	22 13	0 35	22 11	0 40	7 45	1 47	7 28	15 11	15 17	15 11	23 50		n.a.
S 5	19 21	1 55	3 8	9 33	1 42	16 47	6 55	28 4	5 7	18 30	0 17	22 13	0 35	22 12	0 40	7 46	1 47	7 29	15 11	15 15	15 10	23 52		n.a.
M 6	19 7	4n23	2 7	9 2	1 51	16 52	6 50	28 3	5 5	18 30	0 17	22 13	0 35	22 12	0 40	7 46	1 47	7 29	15 12	15 14	15 9	23 54		n.a.
T 7	18 52	10 36	0 58	8 31	2 0	16 58	6 44	28 2	5 2	18 31	0 17	22 13	0 35	22 12	0 40	7 47	1 47	7 29	15 12	15 14	15 8	23 56		n.a.
W 8	18 37	16 23	0n16	8 1	2 9	17 4	6 38	28 1	5 0	18 32	0 17	22 13	0 35	22 13	0 40	7 47	1 47	7 30	15 12	15 14	15 7	23 58		n.a.
T 9	18 22	21 23	1 29	7 32	2 18	17 10	6 31	28 0	4 58	18 32	0 17	22 13	0 35	22 13	0 40	7 48	1 47	7 30	15 12	15 14	15 6	24 0		n.a.
F 10	18 6	25 10	2 38	7 4	2 27	17 16	6 25	28 0	4 55	18 33	0 16	22 13	0 35	22 14	0 40	7 48	1 47	7 30	15 13	15 13	15 5	24 2		n.a.
S 11	17 50	27 21	3 37	6 37	2 36	17 22	6 18	27 59	4 53	18 34	0 16	22 13	0 34	22 14	0 40	7 49	1 47	7 31	15 13	15 12	15 4	24 4		n.a.
S 12	17 34	27 39	4 23	6 11	2 45	17 28	6 11	27 58	4 50	18 35	0 16	22 13	0 34	22 14	0 40	7 50	1 48	7 31	15 13	15 9	15 3	24 6		n.a.
M13	17 18	26 3	4 51	5 47	2 53	17 34	6 4	27 57	4 48	18 36	0 16	22 13	0 34	22 15	0 40	7 50	1 48	7 32	15 13	15 6	15 2	24 8		n.a.
T 14	17 1	22 47	5 0	5 25	3 1	17 41	5 57	27 57	4 46	18 37	0 16	22 13	0 34	22 15	0 40	7 51	1 48	7 32	15 14	15 2	15 1	24 10		n.a.
W15	16 44	18 12	4 51	5 4	3 9	17 47	5 50	27 56	4 43	18 38	0 16	22 13	0 34	22 16	0 40	7 51	1 48	7 32	15 14	14 58	15 0	24 12		n.a.
T 16	16 26	12 46	4 25	4 45	3 16	17 53	5 42	27 55	4 41	18 39	0 15	22 13	0 34	22 16	0 40	7 52	1 48	7 33	15 14	14 55	14 59	24 14		n.a.
F 17	16 8	6 53	3 45	4 29	3 23	17 59	5 35	27 54	4 38	18 40	0 15	22 13	0 34	22 16	0 40	7 53	1 48	7 33	15 14	14 52	14 58	24 16		n.a.
S 18	15 51	0 53	2 54	4 15	3 30	18 5	5 27	27 54	4 36	18 41	0 15	22 13	0 33	22 17	0 40	7 53	1 48	7 34	15 15	14 50	14 57	24 17		n.a.
S 19	15 32	5s 0	1 55	4 4	3 35	18 11	5 19	27 53	4 33	18 42	0 15	22 13	0 33	22 17	0 40	7 54	1 48	7 34	15 15	14 48	14 56	24 19		n.a.
M20	15 14	10 33	0 53	3 55	3 41	18 17	5 11	27 52	4 30	18 44	0 15	22 13	0 33	22 17	0 40	7 54	1 48	7 34	15 15	14 48	14 55	24 21		n.a.
T 21	14 55	15 37	0s11	3 50	3 45	18 23	5 4	27 51	4 28	18 45	0 14	22 13	0 33	22 18	0 40	7 55	1 48	7 35	15 15	14 48	14 54	24 23		n.a.
W22	14 36	20 1	1 13	3 48	3 48	18 28	4 56	27 51	4 25	18 46	0 14	22 13	0 33	22 18	0 40	7 56	1 48	7 35	15 16	14 48	14 53	24 25		n.a.
T 23	14 17	23 36	2 12	3 50	3 50	18 33	4 48	27 50	4 23	18 48	0 14	22 13	0 33	22 18	0 40	7 56	1 48	7 36	15 16	14 48	14 52	24 27		n.a.
F 24	13 57	26 11	3 5	3 55	3 51	18 38	4 40	27 49	4 20	18 49	0 14	22 13	0 33	22 19	0 40	7 57	1 48	7 36	15 16	14 47	14 51	24 29		n.a.
S 25	13 37	27 37	3 51	4 5	3 51	18 43	4 32	27 48	4 18	18 50	0 14	22 13	0 33	22 19	0 40	7 57	1 48	7 37	15 16	14 45	14 50	24 30		n.a.
S 26	13 17	27 44	4 27	4 19	3 49	18 47	4 24	27 47	4 15	18 52	0 14	22 13	0 32	22 19	0 40	7 58	1 48	7 37	15 17	14 43	14 49	24 32		n.a.
M27	12 57	26 30	4 51	4 38	3 45	18 52	4 16	27 46	4 13	18 53	0 13	22 14	0 32	22 20	0 40	7 59	1 48	7 37	15 17	14 40	14 48	24 34		n.a.
T 28	12 37	23 55	5 1	5 0	3 40	18 55	4 8	27 45	4 10	18 55	0 13	22 14	0 32	22 20	0 40	7 59	1 48	7 38	15 17	14 36	14 47	24 36		n.a.
W29	12 16	20 6	4 57	5 27	3 32	18 59	4 0	27 44	4 8	18 57	0 13	22 14	0 32	22 20	0 40	8 0	1 48	7 38	15 17	14 32	14 46	24 38		n.a.
T 30	11 55	15 14	4 37	5 58	3 23	19 2	3 52	27 42	4 5	18 58	0 13	22 14	0 32	22 21	0 40	8 1	1 48	7 39	15 17	14 28	14 45	24 40		n.a.
F 31	11n34	9s34	4s 1	6n32	3s11	19n 5	3s45	27s41	4s 3	19s 0	0n13	22s14	0n32	22s21	0s40	8s 1	1s48	7s39	15s18	14n25	14n44	24s41		n.a.

Julian Day Number = 1501389.5, Delta T = 05h06m36s
Ecliptic obliquity = 23°46'11, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'36, Lahiri = -12°16'36 Julian Calendar 1 Aug. 603 BCE == Greg. Calendar 25 July 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

SEPTEMBER 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 12 40	1♍ 8'09	28♓54	4°R41	16♋46	24♐45	24♏48	13♐44	23°R26	14°R 1	16°R 9	8°R 0	9♉ 4	9♐19	n.a.	S 1
S 2	22 16 36	2° 7'25	12♈39	3♍32	17°32	25°12	24°54	13°44	23♑24	13♓59	16♈ 8	7♉55	9° 0	9°26	n.a.	S 2
M 3	22 20 33	3° 6'42	26°31	2°22	18°19	25°40	25° 1	13°45	23°22	13°58	16° 7	7°53	8°57	9°32	n.a.	M 3
T 4	22 24 29	4° 6'03	10♉29	1°13	19° 7	26° 8	25° 8	13°46	23°20	13°56	16° 6	7°D52	8°54	9°39	n.a.	T 4
W 5	22 28 26	5° 5'26	24°32	0° 9	19°56	26°36	25°15	13°47	23°19	13°54	16° 5	7°53	8°51	9°46	n.a.	W 5
T 6	22 32 22	6° 4'51	8♊38	29♌10	20°46	27° 5	25°22	13°48	23°17	13°53	16° 5	7°R53	8°48	9°52	n.a.	T 6
F 7	22 36 19	7° 4'19	22°47	28°18	21°36	27°34	25°29	13°49	23°16	13°51	16° 4	7°52	8°44	9°59	n.a.	F 7
S 8	22 40 15	8° 3'49	6♋57	27°34	22°27	28° 3	25°36	13°51	23°14	13°49	16° 3	7°49	8°41	10° 6	n.a.	S 8
S 9	22 44 12	9° 3'22	21° 6	27° 0	23°19	28°33	25°43	13°52	23°13	13°48	16° 2	7°43	8°38	10°12	n.a.	S 9
M10	22 48 9	10° 2'57	5♌10	26°37	24°12	29° 3	25°51	13°53	23°11	13°46	16° 1	7°35	8°35	10°19	n.a.	M10
T 11	22 52 5	11° 2'34	19° 7	26°24	25° 5	29°33	25°59	13°55	23°10	13°44	16° 0	7°26	8°32	10°26	n.a.	T 11
W12	22 56 2	12° 2'14	2♍51	26°D23	25°59	0♑ 4	26° 7	13°57	23° 9	13°43	15°59	7°16	8°29	10°32	n.a.	W12
T 13	22 59 58	13° 1'56	16°19	26°32	26°54	0°35	26°15	13°58	23° 7	13°41	15°59	7° 7	8°25	10°39	n.a.	T 13
F 14	23 3 55	14° 1'40	29°29	26°52	27°49	1° 6	26°23	14° 0	23° 6	13°39	15°58	6°59	8°22	10°46	n.a.	F 14
S 15	23 7 51	15° 1'25	12♎20	27°22	28°45	1°38	26°31	14° 2	23° 5	13°37	15°57	6°54	8°19	10°52	n.a.	S 15
S 16	23 11 48	16° 1'13	24°52	28° 2	29°41	2°10	26°40	14° 4	23° 4	13°36	15°56	6°51	8°16	10°59	n.a.	S 16
M17	23 15 44	17° 1'03	7♏ 8	28°50	0♌38	2°42	26°48	14° 6	23° 3	13°34	15°55	6°D50	8°13	11° 6	n.a.	M17
T 18	23 19 41	18° 0'55	19°10	29°45	1°35	3°14	26°57	14° 9	23° 2	13°32	15°54	6°51	8° 9	11°12	n.a.	T 18
W19	23 23 38	19° 0'48	1♐ 4	0♍48	2°33	3°47	27° 6	14°11	23° 1	13°31	15°53	6°52	8° 6	11°19	n.a.	W19
T 20	23 27 34	20° 0'44	12°53	1°56	3°32	4°20	27°15	14°13	23° 0	13°29	15°52	6°54	8° 3	11°26	n.a.	T 20
F 21	23 31 31	21° 0'41	24°43	3°10	4°31	4°53	27°24	14°16	22°59	13°27	15°51	6°R54	8° 0	11°32	n.a.	F 21
S 22	23 35 27	22° 0'40	6♑40	4°28	5°30	5°26	27°33	14°19	22°58	13°26	15°50	6°52	7°57	11°39	n.a.	S 22
S 23	23 39 24	23° 0'41	18°48	5°50	6°30	6° 0	27°42	14°21	22°57	13°24	15°49	6°49	7°54	11°46	n.a.	S 23
M24	23 43 20	24° 0'44	1♒12	7°16	7°30	6°34	27°52	14°24	22°56	13°22	15°48	6°44	7°50	11°52	n.a.	M24
T 25	23 47 17	25° 0'48	13°54	8°44	8°31	7° 8	28° 1	14°27	22°55	13°21	15°47	6°38	7°47	11°59	n.a.	T 25
W26	23 51 13	26° 0'54	26°58	10°15	9°32	7°42	28°11	14°30	22°55	13°19	15°46	6°31	7°44	12° 6	n.a.	W26
T 27	23 55 10	27° 1'02	10♓22	11°47	10°34	8°16	28°21	14°33	22°54	13°18	15°45	6°24	7°41	12°12	n.a.	T 27
F 28	23 59 6	28° 1'12	24° 6	13°21	11°36	8°51	28°31	14°36	22°53	13°16	15°43	6°18	7°38	12°19	n.a.	F 28
S 29	0 3 3	29° 1'23	8♈ 6	14°56	12°38	9°26	28°41	14°40	22°53	13°14	15°42	6°13	7°35	12°26	n.a.	S 29
S 30	0 7 0	0♎ 1'37	22♈18	16♍32	13♌41	10♑ 1	28♏51	14♐43	22♑52	13♓13	15♈41	6♉11	7♉31	12♐32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n13	3s22	3s12	7n10	2s58	19n 7	3s37	27s40	4s 0	19s 2	0n13	22s14	0n32	22s21	0s39	8s 2	1s48	7s40	15s18	14n22	14n43	24s43		n.a.
S 2	10 52	3n 4	2 10	7 49	2 43	19 9	3 29	27 38	3 58	19 3	0 12	22 15	0 31	22 22	0 39	8 3	1 48	7 40	15 18	14 20	14 42	24 45		n.a.
M 3	10 30	9 26	1 0	8 30	2 26	19 10	3 21	27 37	3 55	19 5	0 12	22 15	0 31	22 22	0 39	8 3	1 48	7 41	15 18	14 20	14 41	24 47		n.a.
T 4	10 8	15 24	0n14	9 12	2 8	19 12	3 14	27 35	3 53	19 7	0 12	22 15	0 31	22 22	0 39	8 4	1 48	7 41	15 18	14 20	14 40	24 49		n.a.
W 5	9 46	20 35	1 28	9 53	1 48	19 12	3 6	27 34	3 50	19 9	0 12	22 15	0 31	22 22	0 39	8 5	1 48	7 42	15 19	14 20	14 39	24 50		n.a.
T 6	9 24	24 37	2 36	10 33	1 29	19 12	2 58	27 32	3 48	19 11	0 12	22 16	0 31	22 23	0 39	8 5	1 48	7 42	15 19	14 20	14 38	24 52		n.a.
F 7	9 2	27 10	3 36	11 10	1 8	19 12	2 51	27 30	3 45	19 12	0 12	22 16	0 31	22 23	0 39	8 6	1 48	7 43	15 19	14 19	14 37	24 54		n.a.
S 8	8 40	27 57	4 22	11 44	0 48	19 11	2 43	27 28	3 43	19 14	0 11	22 16	0 31	22 23	0 39	8 7	1 48	7 43	15 19	14 18	14 36	24 56		n.a.
S 9	8 17	26 54	4 52	12 14	0 28	19 10	2 36	27 26	3 40	19 16	0 11	22 17	0 30	22 23	0 39	8 7	1 48	7 44	15 19	14 16	14 35	24 57		n.a.
M10	7 54	24 9	5 5	12 40	0 9	19 8	2 28	27 24	3 38	19 18	0 11	22 17	0 30	22 24	0 39	8 8	1 48	7 44	15 20	14 14	14 34	24 59		n.a.
T 11	7 31	20 1	4 59	13 2	0n 9	19 6	2 21	27 21	3 35	19 20	0 11	22 17	0 30	22 24	0 39	8 9	1 48	7 45	15 20	14 11	14 32	25 1		n.a.
W12	7 8	14 52	4 35	13 18	0 26	19 3	2 14	27 19	3 33	19 22	0 11	22 17	0 30	22 24	0 39	8 9	1 48	7 45	15 20	14 8	14 31	25 3		n.a.
T 13	6 45	9 6	3 57	13 30	0 42	19 0	2 7	27 16	3 30	19 24	0 11	22 18	0 30	22 24	0 39	8 10	1 48	7 46	15 20	14 5	14 30	25 4		n.a.
F 14	6 22	3 3	3 7	13 36	0 56	18 56	1 59	27 14	3 28	19 26	0 11	22 18	0 30	22 24	0 39	8 11	1 48	7 46	15 20	14 2	14 29	25 6		n.a.
S 15	5 59	2s59	2 8	13 38	1 9	18 52	1 52	27 11	3 26	19 29	0 10	22 19	0 30	22 25	0 39	8 11	1 48	7 47	15 20	14 0	14 28	25 8		n.a.
S 16	5 35	8 46	1 4	13 34	1 20	18 47	1 45	27 8	3 23	19 31	0 10	22 19	0 30	22 25	0 39	8 12	1 48	7 47	15 20	13 59	14 27	25 9		n.a.
M17	5 12	14 6	0s 2	13 27	1 30	18 41	1 39	27 5	3 21	19 33	0 10	22 19	0 29	22 25	0 39	8 13	1 48	7 48	15 21	13 59	14 26	25 11		n.a.
T 18	4 48	18 49	1 6	13 15	1 38	18 35	1 32	27 2	3 18	19 35	0 10	22 20	0 29	22 25	0 39	8 13	1 48	7 48	15 21	13 59	14 25	25 13		n.a.
W19	4 24	22 44	2 7	12 59	1 46	18 29	1 25	26 59	3 16	19 37	0 10	22 20	0 29	22 25	0 39	8 14	1 48	7 49	15 21	14 0	14 24	25 15		n.a.
T 20	4 1	25 40	3 2	12 40	1 51	18 22	1 18	26 55	3 14	19 39	0 10	22 21	0 29	22 25	0 39	8 14	1 48	7 49	15 21	14 0	14 23	25 16		n.a.
F 21	3 37	27 29	3 50	12 17	1 56	18 14	1 12	26 52	3 11	19 42	0 10	22 21	0 29	22 25	0 39	8 15	1 48	7 49	15 21	14 0	14 22	25 18		n.a.
S 22	3 13	28 3	4 28	11 51	1 59	18 6	1 5	26 48	3 9	19 44	0 9	22 21	0 29	22 26	0 39	8 16	1 48	7 50	15 21	14 0	14 21	25 20		n.a.
S 23	2 49	27 17	4 54	11 23	2 2	17 57	0 59	26 44	3 7	19 46	0 9	22 22	0 29	22 26	0 39	8 16	1 48	7 50	15 21	13 59	14 20	25 21		n.a.
M24	2 25	25 10	5 8	10 52	2 3	17 48	0 53	26 40	3 4	19 49	0 9	22 22	0 29	22 26	0 39	8 17	1 48	7 51	15 21	13 57	14 19	25 23		n.a.
T 25	2 0	21 46	5 7	10 19	2 4	17 38	0 46	26 36	3 2	19 51	0 9	22 23	0 28	22 26	0 39	8 18	1 48	7 51	15 21	13 55	14 18	25 25		n.a.
W26	1 36	17 14	4 50	9 44	2 4	17 28	0 40	26 32	3 0	19 53	0 9	22 23	0 28	22 26	0 39	8 18	1 48	7 52	15 22	13 53	14 17	25 26		n.a.
T 27	1 12	11 44	4 17	9 7	2 3	17 17	0 34	26 28	2 58	19 56	0 9	22 24	0 28	22 26	0 39	8 19	1 48	7 52	15 22	13 50	14 16	25 28		n.a.
F 28	0 48	5 34	3 29	8 29	2 1	17 5	0 28	26 23	2 55	19 58	0 9	22 24	0 28	22 26	0 39	8 20	1 48	7 53	15 22	13 48	14 15	25 29		n.a.
S 29	0 24	1n 1	2 27	7 50	1 59	16 53	0 23	26 18	2 53	20 0	0 8	22 25	0 28	22 26	0 39	8 20	1 48	7 53	15 22	13 47	14 14	25 31		n.a.
S 30	0s 1	7n38	1s15	7n10	1n56	16n41	0s17	26s14	2s51	20s 3	0n 8	22s25	0n28	22s26	0s39	8s21	1s48	7s54	15s22	13n46	14n13	25s33		n.a.

Julian Day Number = 1501420.5, Delta T = 05h06m35s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'32, Lahiri = -12°16'31 Julian Calendar 1 Sept. 603 BCE == Greg. Calendar 25 Aug. 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

OCTOBER 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 10 56	1♎ 1'53	6♉37	18♍ 9	14♌44	10♏36	29♏ 1	14♐46	22°R52	13°R11	15°R40	6°D10	7♉28	12♐39	n.a.	M 1
T 2	0 14 53	2° 2'10	20°59	19°46	15°47	11°11	29°11	14°50	22♏52	13♓10	15♈39	6♉10	7°25	12°46	n.a.	T 2
W 3	0 18 49	3° 2'30	5♊20	21°24	16°51	11°47	29°22	14°53	22°51	13° 8	15°38	6°12	7°22	12°53	n.a.	W 3
T 4	0 22 46	4° 2'53	19°37	23° 2	17°55	12°22	29°32	14°57	22°51	13° 6	15°37	6°13	7°19	12°59	n.a.	T 4
F 5	0 26 42	5° 3'17	3♋46	24°40	19° 0	12°58	29°43	15° 1	22°51	13° 5	15°36	6°R14	7°15	13° 6	n.a.	F 5
S 6	0 30 39	6° 3'43	17°48	26°18	20° 5	13°34	29°54	15° 5	22°50	13° 3	15°35	6°13	7°12	13°13	n.a.	S 6
S 7	0 34 35	7° 4'12	1♌40	27°56	21°10	14°11	0♐ 5	15° 9	22°50	13° 2	15°34	6°11	7° 9	13°19	n.a.	S 7
M 8	0 38 32	8° 4'42	15°21	29°34	22°15	14°47	0°16	15°13	22°50	13° 0	15°32	6° 8	7° 6	13°26	n.a.	M 8
T 9	0 42 29	9° 5'15	28°51	1♎12	23°21	15°23	0°27	15°17	22°50	12°59	15°31	6° 4	7° 3	13°33	n.a.	T 9
W10	0 46 25	10° 5'49	12♍ 8	2°49	24°27	16° 0	0°38	15°21	22°D50	12°57	15°30	6° 0	7° 0	13°39	n.a.	W10
T 11	0 50 22	11° 6'25	25°12	4°27	25°33	16°37	0°49	15°25	22°50	12°56	15°29	5°56	6°56	13°46	n.a.	T 11
F 12	0 54 18	12° 7'03	8♎ 2	6° 4	26°39	17°14	1° 0	15°30	22°50	12°55	15°28	5°52	6°53	13°53	n.a.	F 12
S 13	0 58 15	13° 7'42	20°37	7°41	27°46	17°51	1°12	15°34	22°50	12°53	15°27	5°50	6°50	13°59	n.a.	S 13
S 14	1 2 11	14° 8'23	2♏59	9°17	28°53	18°28	1°23	15°39	22°51	12°52	15°26	5°D50	6°47	14° 6	n.a.	S 14
M15	1 6 8	15° 9'06	15° 8	10°54	0♍ 0	19° 5	1°35	15°43	22°51	12°50	15°25	5°50	6°44	14°13	n.a.	M15
T 16	1 10 4	16° 9'50	27° 7	12°30	1° 8	19°43	1°47	15°48	22°51	12°49	15°23	5°51	6°41	14°19	n.a.	T 16
W17	1 14 1	17°10'35	8♐59	14° 6	2°15	20°20	1°59	15°52	22°51	12°48	15°22	5°53	6°37	14°26	n.a.	W17
T 18	1 17 58	18°11'22	20°48	15°42	3°23	20°58	2°10	15°57	22°52	12°46	15°21	5°54	6°34	14°33	n.a.	T 18
F 19	1 21 54	19°12'10	2♑38	17°17	4°31	21°36	2°22	16° 2	22°52	12°45	15°20	5°55	6°31	14°39	n.a.	F 19
S 20	1 25 51	20°12'59	14°33	18°53	5°39	22°13	2°34	16° 7	22°53	12°44	15°19	5°56	6°28	14°46	n.a.	S 20
S 21	1 29 47	21°13'49	26°39	20°28	6°48	22°51	2°46	16°12	22°53	12°43	15°18	5°R56	6°25	14°53	n.a.	S 21
M22	1 33 44	22°14'40	9♒ 0	22° 3	7°56	23°29	2°59	16°17	22°54	12°41	15°17	5°55	6°21	14°59	n.a.	M22
T 23	1 37 40	23°15'33	21°40	23°37	9° 5	24° 8	3°11	16°22	22°55	12°40	15°15	5°54	6°18	15° 6	n.a.	T 23
W24	1 41 37	24°16'26	4♓44	25°12	10°14	24°46	3°23	16°27	22°55	12°39	15°14	5°53	6°15	15°13	n.a.	W24
T 25	1 45 33	25°17'20	18°12	26°46	11°24	25°24	3°36	16°33	22°56	12°38	15°13	5°51	6°12	15°19	n.a.	T 25
F 26	1 49 30	26°18'16	2♈ 5	28°21	12°33	26° 3	3°48	16°38	22°57	12°37	15°12	5°50	6° 9	15°26	n.a.	F 26
S 27	1 53 27	27°19'12	16°21	29°55	13°42	26°41	4° 0	16°43	22°58	12°36	15°11	5°49	6° 6	15°33	n.a.	S 27
S 28	1 57 23	28°20'10	0♉55	1♏29	14°52	27°20	4°13	16°49	22°59	12°35	15°10	5°D49	6° 2	15°39	n.a.	S 28
M29	2 1 20	29°21'09	15°41	3° 3	16° 2	27°59	4°26	16°54	23° 0	12°34	15° 9	5°49	5°59	15°46	n.a.	M29
T 30	2 5 16	0♏22'09	0♊31	4°37	17°12	28°37	4°38	17° 0	23° 1	12°33	15° 8	5°49	5°56	15°53	n.a.	T 30
W31	2 9 13	1♏23'10	15♊19	6♏11	18♍22	29♑16	4♐51	17♐ 6	23♑ 2	12♓32	15♈ 7	5♉50	5♉53	15♐59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	0s25	13n57	0n 2	6n28	1n53	16n28	0s11	26s 9	2s49	20s 5	0n 8	22s26	0n28	22s26	0s39	8s21	1s48	7s54	15s22	13n46	14n12	25s34			n.a.
T 2	0 49	19 32	1 20	5 46	1 49	16 14	0 6	26 3	2 47	20 7	0 8	22 26	0 28	22 26	0 39	8 22	1 48	7 55	15 22	13 46	14 11	25 36			n.a.
W 3	1 14	23 59	2 33	5 3	1 45	16 0	0 0	25 58	2 44	20 10	0 8	22 27	0 27	22 26	0 39	8 23	1 48	7 55	15 22	13 46	14 10	25 37			n.a.
T 4	1 38	26 56	3 35	4 20	1 40	15 45	0n 5	25 53	2 42	20 12	0 8	22 27	0 27	22 26	0 39	8 23	1 48	7 56	15 22	13 47	14 8	25 39			n.a.
F 5	2 2	28 7	4 24	3 36	1 35	15 30	0 10	25 47	2 40	20 15	0 8	22 28	0 27	22 26	0 39	8 24	1 48	7 56	15 22	13 47	14 7	25 41			n.a.
S 6	2 26	27 28	4 57	2 52	1 30	15 14	0 15	25 41	2 38	20 17	0 7	22 28	0 27	22 26	0 39	8 24	1 48	7 57	15 22	13 47	14 6	25 42			n.a.
S 7	2 51	25 8	5 12	2 8	1 25	14 58	0 20	25 35	2 36	20 20	0 7	22 29	0 27	22 26	0 39	8 25	1 48	7 57	15 22	13 46	14 5	25 44			n.a.
M 8	3 15	21 22	5 9	1 23	1 19	14 41	0 25	25 29	2 34	20 22	0 7	22 30	0 27	22 26	0 39	8 25	1 48	7 57	15 22	13 45	14 4	25 45			n.a.
T 9	3 39	16 32	4 49	0 39	1 14	14 24	0 30	25 23	2 32	20 25	0 7	22 30	0 27	22 26	0 39	8 26	1 48	7 58	15 22	13 44	14 3	25 47			n.a.
W10	4 3	11 0	4 13	0s 6	1 8	14 6	0 35	25 16	2 29	20 27	0 7	22 31	0 27	22 26	0 39	8 27	1 48	7 58	15 22	13 42	14 2	25 48			n.a.
T 11	4 27	5 4	3 25	0 51	1 2	13 48	0 39	25 9	2 27	20 30	0 7	22 31	0 26	22 26	0 39	8 27	1 48	7 59	15 22	13 41	14 1	25 50			n.a.
F 12	4 51	0s59	2 27	1 35	0 56	13 29	0 44	25 3	2 25	20 32	0 7	22 32	0 26	22 26	0 39	8 28	1 48	7 59	15 22	13 40	14 0	25 52			n.a.
S 13	5 15	6 53	1 23	2 20	0 49	13 10	0 48	24 56	2 23	20 35	0 7	22 32	0 26	22 26	0 38	8 28	1 48	8 0	15 22	13 39	13 59	25 53			n.a.
S 14	5 39	12 26	0 16	3 5	0 43	12 50	0 52	24 49	2 21	20 37	0 6	22 33	0 26	22 26	0 38	8 29	1 48	8 0	15 22	13 39	13 58	25 55			n.a.
M15	6 3	17 25	0s51	3 49	0 36	12 30	0 56	24 41	2 19	20 40	0 6	22 34	0 26	22 26	0 38	8 29	1 48	8 0	15 22	13 39	13 57	25 56			n.a.
T 16	6 27	21 39	1 55	4 33	0 30	12 10	1 0	24 34	2 17	20 42	0 6	22 34	0 26	22 26	0 38	8 30	1 48	8 1	15 22	13 39	13 56	25 58			n.a.
W17	6 50	24 57	2 53	5 17	0 23	11 49	1 4	24 26	2 15	20 45	0 6	22 35	0 26	22 26	0 38	8 30	1 48	8 1	15 22	13 40	13 55	25 59			n.a.
T 18	7 14	27 10	3 44	6 0	0 17	11 27	1 8	24 18	2 13	20 47	0 6	22 36	0 26	22 26	0 38	8 31	1 48	8 2	15 22	13 40	13 54	26 1			n.a.
F 19	7 37	28 9	4 25	6 43	0 10	11 6	1 12	24 10	2 11	20 50	0 6	22 36	0 26	22 26	0 38	8 31	1 48	8 2	15 22	13 41	13 53	26 2			n.a.
S 20	8 0	27 51	4 55	7 26	0 4	10 43	1 15	24 2	2 9	20 52	0 6	22 37	0 25	22 26	0 38	8 32	1 48	8 2	15 22	13 41	13 52	26 4			n.a.
S 21	8 24	26 13	5 12	8 9	0s 3	10 21	1 18	23 54	2 7	20 55	0 6	22 37	0 25	22 26	0 38	8 32	1 48	8 3	15 22	13 41	13 51	26 5			n.a.
M22	8 47	23 20	5 16	8 51	0 9	9 58	1 22	23 45	2 6	20 57	0 5	22 38	0 25	22 25	0 38	8 33	1 48	8 3	15 22	13 41	13 49	26 6			n.a.
T 23	9 10	19 16	5 5	9 32	0 16	9 35	1 25	23 37	2 4	21 0	0 5	22 39	0 25	22 25	0 38	8 33	1 48	8 3	15 22	13 40	13 48	26 8			n.a.
W24	9 32	14 12	4 38	10 14	0 22	9 11	1 28	23 28	2 2	21 2	0 5	22 39	0 25	22 25	0 38	8 33	1 48	8 4	15 22	13 40	13 47	26 9			n.a.
T 25	9 55	8 19	3 54	10 54	0 29	8 47	1 31	23 19	2 0	21 5	0 5	22 40	0 25	22 25	0 38	8 34	1 48	8 4	15 22	13 39	13 46	26 11			n.a.
F 26	10 17	1 51	2 56	11 35	0 35	8 23	1 34	23 10	1 58	21 7	0 5	22 41	0 25	22 25	0 38	8 34	1 48	8 5	15 22	13 39	13 45	26 12			n.a.
S 27	10 40	4n53	1 46	12 14	0 41	7 58	1 37	23 0	1 56	21 10	0 5	22 41	0 25	22 25	0 38	8 35	1 48	8 5	15 21	13 39	13 44	26 14			n.a.
S 28	11 2	11 32	0 27	12 54	0 47	7 34	1 39	22 51	1 54	21 12	0 5	22 42	0 25	22 24	0 38	8 35	1 47	8 5	15 21	13 38	13 43	26 15			n.a.
M29	11 24	17 38	0n55	13 32	0 53	7 8	1 42	22 41	1 53	21 15	0 5	22 43	0 25	22 24	0 38	8 35	1 47	8 5	15 21	13 39	13 42	26 17			n.a.
T 30	11 45	22 42	2 13	14 10	0 59	6 43	1 44	22 32	1 51	21 17	0 4	22 43	0 24	22 24	0 38	8 36	1 47	8 6	15 21	13 39	13 41	26 18			n.a.
W31	12s 7	26n18	3n22	14s47	1s 5	6n17	1n46	22s22	1s49	21s20	0n 4	22s44	0n24	22s24	0s38	8s36	1s47	8s 6	15s21	13n39	13n40	26s19			n.a.

Julian Day Number = 1501450.5, Delta T = 05h06m34s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'28, Lahiri = -12°16'27 Julian Calendar 1 Oct. 603 BCE == Greg. Calendar 24 Sept. 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

NOVEMBER 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 13 9	2♏24'13	29♊58	7♏45	19♍33	29♉55	5♐ 4	17♐11	23♉ 3	12°R31	15°R 6	5♉50	5♉50	16♐ 6	n.a.	T 1
F 2	2 17 6	3°25'17	14♋22	9°19	20°43	0♒34	5°17	17°17	23° 4	12♓30	15♈ 4	5°50	5°47	16°13	n.a.	F 2
S 3	2 21 2	4°26'22	28°29	10°53	21°54	1°13	5°30	17°23	23° 5	12°29	15° 3	5°50	5°43	16°19	n.a.	S 3
S 4	2 24 59	5°27'29	12♌18	12°27	23° 5	1°52	5°43	17°29	23° 7	12°28	15° 2	5°50	5°40	16°26	n.a.	S 4
M 5	2 28 56	6°28'36	25°47	14° 1	24°15	2°31	5°56	17°35	23° 8	12°27	15° 1	5°50	5°37	16°33	n.a.	M 5
T 6	2 32 52	7°29'45	8♍59	15°35	25°26	3°11	6° 9	17°41	23° 9	12°26	15° 0	5°50	5°34	16°39	n.a.	T 6
W 7	2 36 49	8°30'55	21°55	17° 9	26°38	3°50	6°22	17°47	23°11	12°25	14°59	5°51	5°31	16°46	n.a.	W 7
T 8	2 40 45	9°32'05	4♎36	18°43	27°49	4°29	6°35	17°53	23°12	12°25	14°58	5°51	5°27	16°53	n.a.	T 8
F 9	2 44 42	10°33'17	17° 5	20°17	29° 0	5° 9	6°49	17°59	23°14	12°24	14°57	5°51	5°24	17° 0	n.a.	F 9
S 10	2 48 38	11°34'30	29°23	21°51	0♎12	5°48	7° 2	18° 5	23°15	12°23	14°56	5°52	5°21	17° 6	n.a.	S 10
S 11	2 52 35	12°35'43	11♏31	23°24	1°23	6°28	7°15	18°11	23°17	12°23	14°55	5°R52	5°18	17°13	n.a.	S 11
M12	2 56 31	13°36'57	23°32	24°58	2°35	7° 7	7°29	18°17	23°18	12°22	14°54	5°51	5°15	17°20	n.a.	M12
T 13	3 0 28	14°38'11	5♐26	26°32	3°47	7°47	7°42	18°24	23°20	12°21	14°53	5°50	5°12	17°26	n.a.	T 13
W14	3 4 25	15°39'26	17°17	28° 6	4°59	8°27	7°56	18°30	23°22	12°21	14°52	5°49	5° 8	17°33	n.a.	W14
T 15	3 8 21	16°40'41	29° 5	29°39	6°11	9° 6	8° 9	18°36	23°24	12°20	14°51	5°48	5° 5	17°40	n.a.	T 15
F 16	3 12 18	17°41'57	10♑55	1♐13	7°23	9°46	8°23	18°43	23°26	12°20	14°50	5°46	5° 2	17°46	n.a.	F 16
S 17	3 16 14	18°43'13	22°50	2°46	8°35	10°26	8°36	18°49	23°27	12°19	14°49	5°44	4°59	17°53	n.a.	S 17
S 18	3 20 11	19°44'29	4♒54	4°18	9°47	11° 6	8°50	18°56	23°29	12°19	14°49	5°43	4°56	18° 0	n.a.	S 18
M19	3 24 7	20°45'45	17°11	5°51	11° 0	11°46	9° 4	19° 2	23°31	12°19	14°48	5°D42	4°52	18° 6	n.a.	M19
T 20	3 28 4	21°47'01	29°45	7°22	12°12	12°26	9°18	19° 9	23°33	12°18	14°47	5°42	4°49	18°13	n.a.	T 20
W21	3 32 1	22°48'17	12♓41	8°53	13°24	13° 6	9°31	19°16	23°35	12°18	14°46	5°43	4°46	18°20	n.a.	W21
T 22	3 35 57	23°49'33	26° 2	10°23	14°37	13°46	9°45	19°22	23°37	12°18	14°45	5°45	4°43	18°26	n.a.	T 22
F 23	3 39 54	24°50'49	9♈50	11°52	15°50	14°26	9°59	19°29	23°40	12°17	14°44	5°46	4°40	18°33	n.a.	F 23
S 24	3 43 50	25°52'05	24° 5	13°19	17° 2	15° 6	10°13	19°36	23°42	12°17	14°43	5°47	4°37	18°40	n.a.	S 24
S 25	3 47 47	26°53'20	8♉45	14°45	18°15	15°46	10°27	19°42	23°44	12°17	14°43	5°R47	4°33	18°46	n.a.	S 25
M26	3 51 43	27°54'36	23°45	16° 8	19°28	16°26	10°40	19°49	23°46	12°17	14°42	5°47	4°30	18°53	n.a.	M26
T 27	3 55 40	28°55'52	8♊56	17°30	20°41	17° 6	10°54	19°56	23°48	12°17	14°41	5°45	4°27	19° 0	n.a.	T 27
W28	3 59 36	29°57'08	24° 8	18°48	21°54	17°46	11° 8	20° 3	23°51	12°17	14°40	5°42	4°24	19° 6	n.a.	W28
T 29	4 3 33	0♐58'24	9♋12	20° 3	23° 7	18°26	11°22	20°10	23°53	12°16	14°39	5°38	4°21	19°13	n.a.	T 29
F 30	4 7 30	1♐59'40	23♋58	21♐15	24♎20	19♒ 7	11♐36	20♐17	23♉56	12°D16	14♈39	5♉34	4♉18	19♐20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s28	28n 4	4n18	15s24	1s11	5n51	1n48	22s11	1s47	21s22	0n 4	22s45	0n24	22s24	0s38	8s36	1s47	8s 6	15s21	13n39	13n39	26s21		n.a.
F 2	12 50	27 53	4 56	16 0	1 16	5 25	1 50	22 1	1 45	21 25	0 4	22 45	0 24	22 23	0 38	8 37	1 47	8 7	15 21	13 39	13 38	26 22		n.a.
S 3	13 11	25 53	5 15	16 35	1 22	4 58	1 52	21 51	1 44	21 27	0 4	22 46	0 24	22 23	0 38	8 37	1 47	8 7	15 21	13 39	13 37	26 24		n.a.
S 4	13 31	22 23	5 16	17 10	1 27	4 32	1 54	21 40	1 42	21 30	0 4	22 46	0 24	22 23	0 38	8 37	1 47	8 7	15 20	13 39	13 36	26 25		n.a.
M 5	13 52	17 46	4 59	17 43	1 32	4 5	1 56	21 30	1 40	21 32	0 4	22 47	0 24	22 23	0 38	8 38	1 47	8 8	15 20	13 39	13 35	26 26		n.a.
T 6	14 12	12 25	4 26	18 16	1 37	3 38	1 57	21 19	1 38	21 34	0 4	22 48	0 24	22 22	0 38	8 38	1 47	8 8	15 20	13 39	13 33	26 28		n.a.
W 7	14 32	6 37	3 41	18 48	1 41	3 10	1 59	21 8	1 37	21 37	0 4	22 48	0 24	22 22	0 38	8 38	1 47	8 8	15 20	13 39	13 32	26 29		n.a.
T 8	14 52	0 40	2 45	19 19	1 46	2 43	2 0	20 56	1 35	21 39	0 3	22 49	0 23	22 22	0 38	8 38	1 47	8 8	15 20	13 39	13 31	26 30		n.a.
F 9	15 12	5s14	1 42	19 49	1 50	2 15	2 2	20 45	1 33	21 42	0 3	22 50	0 23	22 22	0 38	8 39	1 47	8 9	15 20	13 39	13 30	26 32		n.a.
S 10	15 31	10 51	0 36	20 18	1 54	1 48	2 3	20 34	1 32	21 44	0 3	22 50	0 23	22 21	0 38	8 39	1 47	8 9	15 20	13 39	13 29	26 33		n.a.
S 11	15 50	16 0	0s31	20 46	1 57	1 20	2 4	20 22	1 30	21 46	0 3	22 51	0 23	22 21	0 38	8 39	1 47	8 9	15 19	13 39	13 28	26 34		n.a.
M12	16 9	20 28	1 36	21 13	2 0	0 52	2 5	20 10	1 28	21 49	0 3	22 52	0 23	22 21	0 38	8 39	1 47	8 9	15 19	13 39	13 27	26 36		n.a.
T 13	16 27	24 5	2 37	21 39	2 3	0 23	2 5	19 58	1 27	21 51	0 3	22 52	0 23	22 20	0 38	8 39	1 47	8 9	15 19	13 39	13 26	26 37		n.a.
W14	16 45	26 38	3 30	22 3	2 6	0s 5	2 6	19 46	1 25	21 53	0 3	22 53	0 23	22 20	0 38	8 40	1 47	8 10	15 19	13 39	13 25	26 38		n.a.
T 15	17 3	28 0	4 14	22 26	2 8	0 33	2 7	19 34	1 24	21 56	0 3	22 54	0 23	22 20	0 38	8 40	1 47	8 10	15 19	13 38	13 24	26 40		n.a.
F 16	17 21	28 5	4 47	22 48	2 10	1 2	2 7	19 22	1 22	21 58	0 3	22 54	0 23	22 19	0 38	8 40	1 47	8 10	15 18	13 37	13 23	26 41		n.a.
S 17	17 38	26 52	5 8	23 9	2 11	1 30	2 8	19 9	1 21	22 0	0 2	22 55	0 23	22 19	0 38	8 40	1 47	8 10	15 18	13 37	13 22	26 42		n.a.
S 18	17 55	24 25	5 16	23 28	2 12	1 58	2 8	18 57	1 19	22 2	0 2	22 56	0 23	22 19	0 38	8 40	1 46	8 10	15 18	13 37	13 21	26 43		n.a.
M19	18 11	20 49	5 10	23 45	2 13	2 27	2 8	18 44	1 17	22 5	0 2	22 56	0 22	22 18	0 38	8 40	1 46	8 10	15 18	13 36	13 19	26 45		n.a.
T 20	18 28	16 13	4 49	24 1	2 13	2 55	2 8	18 31	1 16	22 7	0 2	22 57	0 22	22 18	0 37	8 40	1 46	8 11	15 18	13 36	13 18	26 46		n.a.
W21	18 44	10 47	4 13	24 16	2 12	3 24	2 8	18 18	1 14	22 9	0 2	22 58	0 22	22 18	0 37	8 40	1 46	8 11	15 17	13 37	13 17	26 47		n.a.
T 22	18 59	4 41	3 22	24 28	2 11	3 53	2 8	18 5	1 13	22 11	0 2	22 58	0 22	22 17	0 37	8 40	1 46	8 11	15 17	13 37	13 16	26 48		n.a.
F 23	19 14	1n50	2 19	24 39	2 9	4 21	2 8	17 52	1 11	22 14	0 2	22 59	0 22	22 17	0 37	8 41	1 46	8 11	15 17	13 38	13 15	26 50		n.a.
S 24	19 29	8 29	1 4	24 48	2 6	4 49	2 7	17 39	1 10	22 16	0 2	22 59	0 22	22 16	0 37	8 41	1 46	8 11	15 17	13 38	13 14	26 51		n.a.
S 25	19 44	14 52	0n16	24 55	2 3	5 18	2 7	17 25	1 8	22 18	0 2	23 0	0 22	22 16	0 37	8 41	1 46	8 11	15 16	13 38	13 13	26 52		n.a.
M26	19 58	20 32	1 37	25 1	1 59	5 46	2 7	17 11	1 7	22 20	0 1	23 1	0 22	22 16	0 37	8 41	1 46	8 11	15 16	13 38	13 12	26 53		n.a.
T 27	20 12	24 56	2 53	25 4	1 54	6 15	2 6	16 58	1 6	22 22	0 1	23 1	0 22	22 15	0 37	8 41	1 46	8 11	15 16	13 37	13 11	26 54		n.a.
W28	20 25	27 33	3 55	25 5	1 48	6 43	2 5	16 44	1 4	22 24	0 1	23 2	0 22	22 15	0 37	8 41	1 46	8 11	15 16	13 36	13 10	26 56		n.a.
T 29	20 38	28 7	4 41	25 5	1 42	7 11	2 4	16 30	1 3	22 26	0 1	23 2	0 22	22 14	0 37	8 41	1 46	8 11	15 15	13 35	13 9	26 57		n.a.
F 30	20s51	26n39	5n 8	25s 2	1s34	7s39	2n 4	16s16	1s 1	22s28	0n 1	23s 3	0n21	22s14	0s37	8s41	1s46	8s11	15s15	13n34	13n 8	26s58		n.a.

Julian Day Number = 1501481.5, Delta T = 05h06m32s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'24, Lahiri = -12°16'23 Julian Calendar 1 Nov. 603 BCE == Greg. Calendar 25 Oct. 603 BCE

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ASTRODIENST EPHEMERIS for the year 603 BCE
geocentric

DECEMBER 603 BCE (-602) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 11 26	3♐ 0'56	8♌21	22♐21	25♎33	19♒47	11♐50	20♐23	23♏58	12♓16	14°R38	5°R31	4♉14	19♐27	n.a.	S 1
S 2	4 15 23	4° 2'13	22°18	23°23	26°46	20°27	12° 4	20°30	24° 0	12°17	14♈37	5♉29	4°11	19°33	n.a.	S 2
M 3	4 19 19	5° 3'29	5♍49	24°18	27°59	21° 7	12°18	20°37	24° 3	12°17	14°37	5°D29	4° 8	19°40	n.a.	M 3
T 4	4 23 16	6° 4'45	18°56	25° 7	29°13	21°48	12°32	20°44	24° 6	12°17	14°36	5°30	4° 5	19°47	n.a.	T 4
W 5	4 27 12	7° 6'01	1♎41	25°47	0♏26	22°28	12°46	20°51	24° 8	12°17	14°35	5°31	4° 2	19°53	n.a.	W 5
T 6	4 31 9	8° 7'18	14° 9	26°19	1°39	23° 8	13° 0	20°58	24°11	12°17	14°35	5°33	3°58	20° 0	n.a.	T 6
F 7	4 35 6	9° 8'34	26°23	26°42	2°53	23°49	13°14	21° 5	24°13	12°17	14°34	5°34	3°55	20° 7	n.a.	F 7
S 8	4 39 2	10° 9'49	8♏27	26°54	4° 6	24°29	13°28	21°12	24°16	12°18	14°34	5°R35	3°52	20°13	n.a.	S 8
S 9	4 42 59	11°11'05	20°25	26°R55	5°20	25° 9	13°42	21°19	24°19	12°18	14°33	5°33	3°49	20°20	n.a.	S 9
M10	4 46 55	12°12'20	2♐17	26°45	6°33	25°50	13°57	21°27	24°22	12°18	14°32	5°30	3°46	20°27	n.a.	M10
T 11	4 50 52	13°13'35	14° 8	26°22	7°47	26°30	14°11	21°34	24°24	12°19	14°32	5°25	3°43	20°33	n.a.	T 11
W12	4 54 48	14°14'49	25°57	25°48	9° 0	27°10	14°25	21°41	24°27	12°19	14°31	5°18	3°39	20°40	n.a.	W12
T 13	4 58 45	15°16'03	7♑48	25° 3	10°14	27°51	14°39	21°48	24°30	12°19	14°31	5°10	3°36	20°47	n.a.	T 13
F 14	5 2 41	16°17'15	19°42	24° 8	11°28	28°31	14°53	21°55	24°33	12°20	14°30	5° 2	3°33	20°53	n.a.	F 14
S 15	5 6 38	17°18'27	1♒41	23° 4	12°41	29°12	15° 7	22° 2	24°36	12°20	14°30	4°54	3°30	21° 0	n.a.	S 15
S 16	5 10 35	18°19'38	13°47	21°54	13°55	29°52	15°21	22° 9	24°39	12°21	14°30	4°48	3°27	21° 7	n.a.	S 16
M17	5 14 31	19°20'48	26° 4	20°38	15° 9	0♓32	15°35	22°16	24°42	12°22	14°29	4°43	3°24	21°14	n.a.	M17
T 18	5 18 28	20°21'57	8♓34	19°21	16°22	1°13	15°49	22°23	24°45	12°22	14°29	4°40	3°20	21°20	n.a.	T 18
W19	5 22 24	21°23'04	21°23	18° 4	17°36	1°53	16° 3	22°31	24°48	12°23	14°28	4°D39	3°17	21°27	n.a.	W19
T 20	5 26 21	22°24'11	4♈34	16°49	18°50	2°34	16°17	22°38	24°51	12°23	14°28	4°40	3°14	21°34	n.a.	T 20
F 21	5 30 17	23°25'16	18° 9	15°39	20° 4	3°14	16°31	22°45	24°54	12°24	14°28	4°41	3°11	21°40	n.a.	F 21
S 22	5 34 14	24°26'20	2♉12	14°35	21°18	3°55	16°46	22°52	24°57	12°25	14°27	4°R42	3° 8	21°47	n.a.	S 22
S 23	5 38 11	25°27'23	16°42	13°38	22°31	4°35	17° 0	22°59	25° 0	12°26	14°27	4°41	3° 4	21°54	n.a.	S 23
M24	5 42 7	26°28'25	1♊36	12°49	23°45	5°15	17°14	23° 6	25° 3	12°26	14°27	4°39	3° 1	22° 0	n.a.	M24
T 25	5 46 4	27°29'25	16°48	12° 9	24°59	5°56	17°28	23°13	25° 6	12°27	14°27	4°33	2°58	22° 7	n.a.	T 25
W26	5 50 0	28°30'25	2♋ 8	11°38	26°13	6°36	17°42	23°21	25° 9	12°28	14°26	4°26	2°55	22°14	n.a.	W26
T 27	5 53 57	29°31'23	17°24	11°16	27°27	7°17	17°56	23°28	25°12	12°29	14°26	4°17	2°52	22°20	n.a.	T 27
F 28	5 57 53	0♑32'20	2♌27	11° 3	28°41	7°57	18° 9	23°35	25°16	12°30	14°26	4° 9	2°49	22°27	n.a.	F 28
S 29	6 1 50	1°33'16	17° 7	10°D58	29°55	8°37	18°23	23°42	25°19	12°31	14°26	4° 1	2°45	22°34	n.a.	S 29
S 30	6 5 46	2°34'11	1♍18	11° 0	1♐ 9	9°18	18°37	23°49	25°22	12°32	14°26	3°54	2°42	22°41	n.a.	S 30
M31	6 9 43	3♑35'05	14♍59	11♐10	2♐23	9♓58	18♐51	23♐56	25♑25	12♓33	14♈26	3♉50	2♉39	22♐47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s 3	23n28	5n14	24s58	1s25	8s 7	2n 3	16s 2	1s 0	22s30	0n 1	23s 4	0n21	22s13	0s37	8s40	1s46	8s11	15s15	13n33	13n 6	26s59		n.a.
S 2	21 15	18 59	5 1	24 51	1 15	8 34	2 2	15 48	0 59	22 32	0 1	23 4	0 21	22 13	0 37	8 40	1 46	8 11	15 15	13 32	13 5	27 0		n.a.
M 3	21 26	13 41	4 31	24 43	1 4	9 2	2 1	15 33	0 57	22 34	0 1	23 5	0 21	22 12	0 37	8 40	1 46	8 11	15 14	13 32	13 4	27 2		n.a.
T 4	21 37	7 56	3 48	24 32	0 52	9 29	1 59	15 19	0 56	22 36	0 1	23 5	0 21	22 12	0 37	8 40	1 46	8 11	15 14	13 32	13 3	27 3		n.a.
W 5	21 48	1 59	2 55	24 20	0 38	9 56	1 58	15 4	0 54	22 38	0 0	23 6	0 21	22 11	0 37	8 40	1 46	8 11	15 14	13 33	13 2	27 4		n.a.
T 6	21 58	3s54	1 55	24 7	0 24	10 23	1 57	14 50	0 53	22 40	0 0	23 7	0 21	22 11	0 37	8 40	1 46	8 11	15 14	13 33	13 1	27 5		n.a.
F 7	22 8	9 33	0 50	23 51	0 8	10 50	1 55	14 35	0 52	22 42	0 0	23 7	0 21	22 11	0 37	8 40	1 45	8 11	15 13	13 34	13 0	27 6		n.a.
S 8	22 17	14 46	0s16	23 35	0n 9	11 17	1 54	14 20	0 50	22 44	0 0	23 8	0 21	22 10	0 37	8 40	1 45	8 11	15 13	13 34	12 59	27 7		n.a.
S 9	22 26	19 23	1 20	23 17	0 27	11 43	1 52	14 5	0 49	22 46	0s 0	23 8	0 21	22 10	0 37	8 40	1 45	8 11	15 13	13 33	12 58	27 8		n.a.
M10	22 34	23 12	2 20	22 58	0 46	12 9	1 51	13 50	0 48	22 47	0 0	23 9	0 21	22 9	0 37	8 39	1 45	8 11	15 12	13 32	12 57	27 10		n.a.
T 11	22 42	26 1	3 14	22 38	1 5	12 35	1 49	13 35	0 47	22 49	0 0	23 9	0 21	22 8	0 37	8 39	1 45	8 11	15 12	13 31	12 56	27 11		n.a.
W12	22 50	27 42	4 0	22 18	1 25	13 0	1 47	13 20	0 45	22 51	0 0	23 10	0 21	22 8	0 37	8 39	1 45	8 11	15 12	13 28	12 54	27 12		n.a.
T 13	22 57	28 6	4 35	21 57	1 44	13 26	1 45	13 4	0 44	22 53	0 0	23 10	0 20	22 7	0 37	8 39	1 45	8 11	15 11	13 26	12 53	27 13		n.a.
F 14	23 3	27 13	4 58	21 36	2 3	13 50	1 43	12 49	0 43	22 55	0 1	23 11	0 20	22 7	0 37	8 38	1 45	8 11	15 11	13 23	12 52	27 14		n.a.
S 15	23 9	25 4	5 8	21 15	2 21	14 15	1 41	12 34	0 42	22 56	0 1	23 11	0 20	22 6	0 37	8 38	1 45	8 11	15 11	13 20	12 51	27 15		n.a.
S 16	23 15	21 46	5 5	20 54	2 37	14 39	1 39	12 18	0 40	22 58	0 1	23 12	0 20	22 6	0 37	8 38	1 45	8 11	15 11	13 18	12 50	27 16		n.a.
M17	23 20	17 30	4 48	20 35	2 52	15 3	1 37	12 3	0 39	23 0	0 1	23 12	0 20	22 5	0 37	8 38	1 45	8 10	15 10	13 16	12 49	27 17		n.a.
T 18	23 25	12 25	4 17	20 16	3 4	15 27	1 35	11 47	0 38	23 1	0 1	23 13	0 20	22 5	0 37	8 37	1 45	8 10	15 10	13 15	12 48	27 18		n.a.
W19	23 29	6 42	3 32	19 59	3 15	15 50	1 33	11 31	0 37	23 3	0 1	23 13	0 20	22 4	0 37	8 37	1 45	8 10	15 10	13 15	12 47	27 19		n.a.
T 20	23 33	0 32	2 35	19 45	3 23	16 13	1 31	11 15	0 36	23 4	0 1	23 14	0 20	22 4	0 37	8 37	1 45	8 10	15 9	13 15	12 46	27 20		n.a.
F 21	23 36	5n52	1 28	19 32	3 28	16 35	1 28	10 59	0 34	23 6	0 1	23 14	0 20	22 3	0 37	8 36	1 45	8 10	15 9	13 16	12 45	27 21		n.a.
S 22	23 39	12 12	0 13	19 22	3 31	16 57	1 26	10 44	0 33	23 7	0 1	23 15	0 20	22 2	0 37	8 36	1 45	8 10	15 9	13 16	12 44	27 22		n.a.
S 23	23 41	18 5	1n 4	19 14	3 32	17 18	1 24	10 28	0 32	23 9	0 2	23 15	0 20	22 2	0 37	8 36	1 45	8 9	15 8	13 16	12 42	27 23		n.a.
M24	23 43	23 2	2 19	19 9	3 31	17 39	1 21	10 11	0 31	23 10	0 2	23 16	0 20	22 1	0 37	8 35	1 45	8 9	15 8	13 15	12 41	27 24		n.a.
T 25	23 45	26 31	3 26	19 7	3 28	18 0	1 19	9 55	0 30	23 12	0 2	23 16	0 20	22 1	0 37	8 35	1 44	8 9	15 8	13 13	12 40	27 25		n.a.
W26	23 46	28 4	4 19	19 8	3 24	18 20	1 16	9 39	0 29	23 13	0 2	23 17	0 19	22 0	0 37	8 35	1 44	8 9	15 7	13 10	12 39	27 26		n.a.
T 27	23 46	27 27	4 52	19 11	3 18	18 40	1 14	9 23	0 28	23 15	0 2	23 17	0 19	22 0	0 37	8 34	1 44	8 9	15 7	13 8	12 38	27 27		n.a.
F 28	23 46	24 50	5 5	19 16	3 11	18 59	1 11	9 7	0 26	23 16	0 2	23 17	0 19	21 59	0 37	8 34	1 44	8 8	15 7	13 4	12 37	27 28		n.a.
S 29	23 46	20 38	4 57	19 23	3 3	19 18	1 9	8 50	0 25	23 17	0 2	23 18	0 19	21 58	0 37	8 33	1 44	8 8	15 6	13 2	12 36	27 29		n.a.
S 30	23 45	15 23	4 31	19 32	2 54	19 36	1 6	8 34	0 24	23 19	0 2	23 18	0 19	21 58	0 37	8 33	1 44	8 8	15 6	13 0	12 35	27 30		n.a.
M31	23s43	9n32	3n51	19s42	2n45	19s53	1n 3	8s18	0s23	23s20	0s 2	23s19	0n19	21s57	0s37	8s33	1s44	8s 8	15s 6	12n58	12n34	27s31		n.a.

Julian Day Number = 1501511.5, Delta T = 05h06m31s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'19, Lahiri = -12°16'19 Julian Calendar 1 Dec. 603 BCE == Greg. Calendar 24 Nov. 603 BCE

The year -602 astronomical counting style corresponds to year 603 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

JANUARY 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 13 40	4♑35'58	28♍10	11♐27	3♐37	10♓39	19♐ 5	24♐ 3	25♑29	12♓34	14°R26	3°R48	2♉36	22♐54	n.a.	T 1
W 2	6 17 36	5°36'50	10♎56	11°49	4°51	11°19	19°19	24°10	25°32	12°35	14♈25	3°D48	2°33	23° 1	n.a.	W 2
T 3	6 21 33	6°37'40	23°21	12°18	6° 5	11°59	19°33	24°17	25°35	12°36	14°25	3♉49	2°30	23° 7	n.a.	T 3
F 4	6 25 29	7°38'30	5♏30	12°52	7°19	12°40	19°46	24°24	25°39	12°38	14°25	3°R49	2°26	23°14	n.a.	F 4
S 5	6 29 26	8°39'19	17°28	13°30	8°33	13°20	20° 0	24°31	25°42	12°39	14°D25	3°48	2°23	23°21	n.a.	S 5
S 6	6 33 22	9°40'06	29°19	14°13	9°47	14° 0	20°14	24°38	25°45	12°40	14°25	3°45	2°20	23°27	n.a.	S 6
M 7	6 37 19	10°40'52	11♐ 7	15° 0	11° 1	14°41	20°28	24°45	25°49	12°41	14°25	3°39	2°17	23°34	n.a.	M 7
T 8	6 41 15	11°41'37	22°56	15°51	12°15	15°21	20°41	24°52	25°52	12°42	14°26	3°30	2°14	23°41	n.a.	T 8
W 9	6 45 12	12°42'20	4♑47	16°45	13°29	16° 1	20°55	24°59	25°55	12°44	14°26	3°19	2°10	23°47	n.a.	W 9
T 10	6 49 9	13°43'02	16°43	17°42	14°43	16°42	21° 9	25° 6	25°59	12°45	14°26	3° 5	2° 7	23°54	n.a.	T 10
F 11	6 53 5	14°43'42	28°44	18°41	15°57	17°22	21°22	25°13	26° 2	12°47	14°26	2°51	2° 4	24° 1	n.a.	F 11
S 12	6 57 2	15°44'20	10♒52	19°44	17°11	18° 2	21°36	25°20	26° 6	12°48	14°26	2°38	2° 1	24° 8	n.a.	S 12
S 13	7 0 58	16°44'57	23° 7	20°49	18°25	18°43	21°49	25°27	26° 9	12°49	14°26	2°26	1°58	24°14	n.a.	S 13
M14	7 4 55	17°45'31	5♓32	21°56	19°39	19°23	22° 2	25°33	26°12	12°51	14°26	2°17	1°55	24°21	n.a.	M14
T 15	7 8 51	18°46'04	18° 8	23° 5	20°53	20° 3	22°16	25°40	26°16	12°52	14°27	2°10	1°51	24°28	n.a.	T 15
W16	7 12 48	19°46'35	0♈58	24°16	22° 8	20°43	22°29	25°47	26°19	12°54	14°27	2° 7	1°48	24°34	n.a.	W16
T 17	7 16 44	20°47'03	14° 5	25°29	23°22	21°24	22°42	25°54	26°23	12°55	14°27	2° 5	1°45	24°41	n.a.	T 17
F 18	7 20 41	21°47'30	27°32	26°44	24°36	22° 4	22°56	26° 0	26°26	12°57	14°27	2° 5	1°42	24°48	n.a.	F 18
S 19	7 24 38	22°47'54	11♉22	28° 0	25°50	22°44	23° 9	26° 7	26°30	12°58	14°28	2° 5	1°39	24°54	n.a.	S 19
S 20	7 28 34	23°48'17	25°35	29°18	27° 4	23°24	23°22	26°14	26°33	13° 0	14°28	2° 4	1°36	25° 1	n.a.	S 20
M21	7 32 31	24°48'37	10♊11	0♑38	28°18	24° 4	23°35	26°20	26°37	13° 2	14°28	2° 0	1°32	25° 8	n.a.	M21
T 22	7 36 27	25°48'56	25° 7	1°58	29°32	24°45	23°48	26°27	26°40	13° 3	14°29	1°53	1°29	25°15	n.a.	T 22
W23	7 40 24	26°49'12	10♋14	3°21	0♑46	25°25	24° 1	26°33	26°43	13° 5	14°29	1°44	1°26	25°21	n.a.	W23
T 24	7 44 20	27°49'27	25°23	4°44	2° 0	26° 5	24°14	26°40	26°47	13° 7	14°30	1°32	1°23	25°28	n.a.	T 24
F 25	7 48 17	28°49'39	10♌25	6° 9	3°14	26°45	24°27	26°46	26°50	13° 8	14°30	1°21	1°20	25°35	n.a.	F 25
S 26	7 52 14	29°49'49	25° 8	7°35	4°28	27°25	24°40	26°53	26°54	13°10	14°30	1°10	1°16	25°41	n.a.	S 26
S 27	7 56 10	0♒49'58	9♍26	9° 2	5°42	28° 5	24°53	26°59	26°57	13°12	14°31	1° 1	1°13	25°48	n.a.	S 27
M28	8 0 7	1°50'05	23°15	10°30	6°56	28°45	25° 5	27° 5	27° 1	13°14	14°31	0°54	1°10	25°55	n.a.	M28
T 29	8 4 3	2°50'10	6♎34	12° 0	8°10	29°25	25°18	27°12	27° 4	13°16	14°32	0°50	1° 7	26° 1	n.a.	T 29
W30	8 8 0	3°50'13	19°26	13°30	9°24	0♈ 5	25°30	27°18	27° 8	13°17	14°32	0°49	1° 4	26° 8	n.a.	W30
T 31	8 11 56	4♒50'14	1♏55	15♑ 2	10♑38	0♈45	25♐43	27♐24	27♑11	13♓19	14♈33	0♉49	1♉ 1	26♐15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s41	3n28	2n59	19s54	2n35	20s10	1n 1	8s 1	0s22	23s21	0s 3	23s19	0n19	21s56	0s37	8s32	1s44	8s 7	15s 5	12n58	12n32	27s32			n.a.
W 2	23 39	2s34	1 59	20 7	2 25	20 27	0 58	7 45	0 21	23 23	0 3	23 19	0 19	21 56	0 37	8 32	1 44	8 7	15 5	12 58	12 31	27 33			n.a.
T 3	23 36	8 20	0 56	20 21	2 15	20 43	0 55	7 28	0 20	23 24	0 3	23 20	0 19	21 55	0 37	8 31	1 44	8 7	15 5	12 58	12 30	27 34			n.a.
F 4	23 33	13 41	0s 9	20 36	2 5	20 58	0 53	7 11	0 19	23 25	0 3	23 20	0 19	21 55	0 37	8 31	1 44	8 6	15 4	12 58	12 29	27 35			n.a.
S 5	23 29	18 26	1 12	20 51	1 54	21 13	0 50	6 55	0 18	23 26	0 3	23 21	0 19	21 54	0 37	8 30	1 44	8 6	15 4	12 58	12 28	27 36			n.a.
S 6	23 25	22 25	2 11	21 6	1 44	21 27	0 47	6 38	0 17	23 27	0 3	23 21	0 19	21 53	0 37	8 30	1 44	8 6	15 4	12 56	12 27	27 37			n.a.
M 7	23 20	25 28	3 5	21 22	1 33	21 41	0 44	6 22	0 16	23 28	0 3	23 21	0 19	21 53	0 37	8 29	1 44	8 6	15 3	12 54	12 26	27 38			n.a.
T 8	23 15	27 24	3 50	21 38	1 23	21 53	0 41	6 5	0 15	23 30	0 3	23 22	0 19	21 52	0 37	8 28	1 44	8 5	15 3	12 51	12 25	27 38			n.a.
W 9	23 9	28 6	4 25	21 54	1 13	22 6	0 39	5 48	0 14	23 31	0 3	23 22	0 18	21 51	0 37	8 28	1 44	8 5	15 3	12 47	12 24	27 39			n.a.
T 10	23 3	27 29	4 49	22 9	1 2	22 17	0 36	5 31	0 13	23 32	0 4	23 22	0 18	21 51	0 37	8 27	1 44	8 4	15 2	12 43	12 23	27 40			n.a.
F 11	22 57	25 35	5 0	22 25	0 52	22 28	0 33	5 15	0 12	23 33	0 4	23 23	0 18	21 50	0 37	8 27	1 44	8 4	15 2	12 38	12 21	27 41			n.a.
S 12	22 50	22 31	4 58	22 40	0 42	22 39	0 30	4 58	0 11	23 34	0 4	23 23	0 18	21 49	0 37	8 26	1 44	8 4	15 2	12 33	12 20	27 42			n.a.
S 13	22 42	18 25	4 42	22 54	0 33	22 48	0 27	4 41	0 10	23 35	0 4	23 23	0 18	21 49	0 37	8 26	1 44	8 3	15 1	12 29	12 19	27 43			n.a.
M14	22 34	13 30	4 12	23 8	0 23	22 57	0 24	4 24	0 9	23 36	0 4	23 23	0 18	21 48	0 37	8 25	1 44	8 3	15 1	12 26	12 18	27 44			n.a.
T 15	22 26	7 58	3 30	23 21	0 14	23 6	0 22	4 7	0 8	23 37	0 4	23 24	0 18	21 47	0 37	8 24	1 43	8 3	15 1	12 24	12 17	27 44			n.a.
W16	22 17	2 0	2 37	23 34	0 5	23 13	0 19	3 50	0 7	23 37	0 4	23 24	0 18	21 47	0 37	8 24	1 43	8 2	15 0	12 22	12 16	27 45			n.a.
T 17	22 8	4n12	1 34	23 46	0s 4	23 20	0 16	3 33	0 6	23 38	0 4	23 24	0 18	21 46	0 37	8 23	1 43	8 2	15 0	12 22	12 15	27 46			n.a.
F 18	21 59	10 22	0 24	23 56	0 13	23 26	0 13	3 16	0 6	23 39	0 4	23 25	0 18	21 46	0 37	8 23	1 43	8 1	15 0	12 22	12 14	27 47			n.a.
S 19	21 49	16 13	0n49	24 6	0 21	23 32	0 10	3 0	0 5	23 40	0 5	23 25	0 18	21 45	0 37	8 22	1 43	8 1	14 59	12 22	12 13	27 48			n.a.
S 20	21 38	21 22	2 1	24 15	0 29	23 37	0 7	2 43	0 4	23 41	0 5	23 25	0 18	21 44	0 37	8 21	1 43	8 1	14 59	12 21	12 11	27 48			n.a.
M21	21 28	25 22	3 7	24 23	0 37	23 41	0 5	2 26	0 3	23 42	0 5	23 25	0 18	21 44	0 37	8 21	1 43	8 0	14 59	12 20	12 10	27 49			n.a.
T 22	21 16	27 42	4 1	24 30	0 45	23 44	0 2	2 9	0 2	23 42	0 5	23 26	0 18	21 43	0 37	8 20	1 43	8 0	14 58	12 18	12 9	27 50			n.a.
W23	21 5	28 1	4 39	24 36	0 52	23 47	0s 1	1 52	0 1	23 43	0 5	23 26	0 18	21 42	0 37	8 19	1 43	7 59	14 58	12 14	12 8	27 51			n.a.
T 24	20 53	26 14	4 58	24 40	0 59	23 49	0 4	1 35	0 0	23 44	0 5	23 26	0 18	21 41	0 37	8 18	1 43	7 59	14 58	12 10	12 7	27 52			n.a.
F 25	20 41	22 37	4 56	24 43	1 6	23 50	0 6	1 18	0n 1	23 44	0 5	23 26	0 17	21 41	0 37	8 18	1 43	7 58	14 57	12 6	12 6	27 52			n.a.
S 26	20 28	17 37	4 35	24 45	1 12	23 51	0 9	1 1	0 1	23 45	0 5	23 27	0 17	21 40	0 37	8 17	1 43	7 58	14 57	12 2	12 5	27 53			n.a.
S 27	20 15	11 46	3 56	24 45	1 18	23 50	0 12	0 44	0 2	23 46	0 6	23 27	0 17	21 39	0 37	8 16	1 43	7 57	14 57	11 59	12 4	27 54			n.a.
M28	20 2	5 32	3 4	24 44	1 24	23 50	0 14	0 27	0 3	23 46	0 6	23 27	0 17	21 39	0 37	8 16	1 43	7 57	14 56	11 57	12 2	27 55			n.a.
T 29	19 48	0s45	2 4	24 42	1 29	23 48	0 17	0 10	0 4	23 47	0 6	23 27	0 17	21 38	0 37	8 15	1 43	7 56	14 56	11 56	12 1	27 55			n.a.
W30	19 34	6 47	1 0	24 38	1 34	23 45	0 20	0n 6	0 5	23 47	0 6	23 27	0 17	21 37	0 37	8 14	1 43	7 56	14 56	11 55	12 0	27 56			n.a.
T 31	19s19	12s24	0s 6	24s33	1s39	23s42	0s22	0n23	0n 6	23s48	0s 6	23s28	0n17	21s37	0s37	8s13	1s43	7s55	14s55	11n55	11n59	27s57			n.a.

Julian Day Number = 1501542.5, Delta T = 05h06m29s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'15, Lahiri = -12°16'15 Julian Calendar 1 Jan. 602 BCE == Greg. Calendar 25 Dec. 603 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

FEBRUARY 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 15 53	5♒50'14	14♏ 5	16♉35	11♉52	1♈25	25♐55	27♐30	27♉14	13♓21	14♈34	0°R49	0♌57	26♐22	n.a.	F 1
S 2	8 19 49	6°50'12	26° 3	18° 9	13° 6	2° 5	26° 8	27°36	27°18	13°23	14°34	0♌47	0°54	26°28	n.a.	S 2
S 3	8 23 46	7°50'09	7♐54	19°44	14°21	2°45	26°20	27°42	27°21	13°25	14°35	0°44	0°51	26°35	n.a.	S 3
M 4	8 27 42	8°50'03	19°42	21°21	15°35	3°25	26°32	27°48	27°25	13°27	14°35	0°38	0°48	26°42	n.a.	M 4
T 5	8 31 39	9°49'56	1♉32	22°58	16°49	4° 5	26°44	27°54	27°28	13°29	14°36	0°29	0°45	26°48	n.a.	T 5
W 6	8 35 36	10°49'46	13°27	24°37	18° 3	4°45	26°56	28° 0	27°32	13°31	14°37	0°18	0°42	26°55	n.a.	W 6
T 7	8 39 32	11°49'35	25°29	26°17	19°17	5°24	27° 8	28° 6	27°35	13°33	14°37	0° 5	0°38	27° 2	n.a.	T 7
F 8	8 43 29	12°49'22	7♒40	27°58	20°31	6° 4	27°20	28°12	27°38	13°35	14°38	29♈51	0°35	27° 8	n.a.	F 8
S 9	8 47 25	13°49'06	20° 0	29°40	21°45	6°44	27°32	28°17	27°42	13°37	14°39	29°37	0°32	27°15	n.a.	S 9
S 10	8 51 22	14°48'48	2♓30	1♒23	22°59	7°24	27°44	28°23	27°45	13°39	14°40	29°25	0°29	27°22	n.a.	S 10
M11	8 55 18	15°48'28	15°11	3° 8	24°13	8° 4	27°56	28°29	27°48	13°41	14°40	29°16	0°26	27°29	n.a.	M11
T 12	8 59 15	16°48'06	28° 2	4°54	25°27	8°44	28° 7	28°34	27°52	13°43	14°41	29° 9	0°22	27°35	n.a.	T 12
W13	9 3 11	17°47'42	11♈ 5	6°41	26°41	9°23	28°19	28°40	27°55	13°45	14°42	29° 5	0°19	27°42	n.a.	W13
T 14	9 7 8	18°47'15	24°20	8°29	27°55	10° 3	28°30	28°45	27°58	13°47	14°43	29°D 4	0°16	27°49	n.a.	T 14
F 15	9 11 5	19°46'45	7♉50	10°19	29° 9	10°43	28°41	28°51	28° 1	13°49	14°44	29° 4	0°13	27°55	n.a.	F 15
S 16	9 15 1	20°46'13	21°36	12° 9	0♒23	11°22	28°53	28°56	28° 5	13°51	14°44	29°R 4	0°10	28° 2	n.a.	S 16
S 17	9 18 58	21°45'39	5♊38	14° 1	1°37	12° 2	29° 4	29° 1	28° 8	13°53	14°45	29° 4	0° 7	28° 9	n.a.	S 17
M18	9 22 54	22°45'02	19°57	15°55	2°51	12°42	29°15	29° 6	28°11	13°55	14°46	29° 1	0° 3	28°15	n.a.	M18
T 19	9 26 51	23°44'23	4♋31	17°49	4° 5	13°21	29°26	29°11	28°14	13°58	14°47	28°56	0° 0	28°22	n.a.	T 19
W20	9 30 47	24°43'42	19°14	19°45	5°19	14° 1	29°37	29°17	28°18	14° 0	14°48	28°48	29♈57	28°29	n.a.	W20
T 21	9 34 44	25°42'58	4♌ 1	21°42	6°33	14°41	29°48	29°22	28°21	14° 2	14°49	28°39	29°54	28°36	n.a.	T 21
F 22	9 38 40	26°42'12	18°42	23°40	7°47	15°20	29°58	29°26	28°24	14° 4	14°50	28°29	29°51	28°42	n.a.	F 22
S 23	9 42 37	27°41'23	3♍11	25°39	9° 0	16° 0	0♉ 9	29°31	28°27	14° 6	14°51	28°20	29°48	28°49	n.a.	S 23
S 24	9 46 34	28°40'32	17°21	27°39	10°14	16°39	0°19	29°36	28°30	14° 8	14°52	28°12	29°44	28°56	n.a.	S 24
M25	9 50 30	29°39'39	1♎ 7	29°41	11°28	17°19	0°30	29°41	28°33	14°11	14°53	28° 6	29°41	29° 2	n.a.	M25
T 26	9 54 27	0♓38'45	14°27	1♓43	12°42	17°58	0°40	29°45	28°36	14°13	14°54	28° 3	29°38	29° 9	n.a.	T 26
W27	9 58 23	1°37'48	27°22	3°46	13°56	18°38	0°50	29°50	28°39	14°15	14°55	28°D 2	29°35	29°16	n.a.	W27
T 28	10 2 20	2♓36'49	9♏54	5♓49	15♒10	19♈17	1♉ 0	29♐55	28♉42	14♓17	14♈56	28♈ 3	29♈32	29♐22	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s 4	17s24	1s10	24s26	1s44	23s39	0s25	0n40	0n 6	23s48	0s 6	23s28	0n17	21s36	0s37	8s13	1s43	7s55	14s55	11n55	11n58	27s57		n.a.
S 2	18 49	21 38	2 9	24 18	1 48	23 34	0 27	0 57	0 7	23 49	0 6	23 28	0 17	21 35	0 37	8 12	1 43	7 54	14 55	11 54	11 57	27 58		n.a.
S 3	18 34	24 56	3 3	24 8	1 51	23 29	0 30	1 14	0 8	23 49	0 6	23 28	0 17	21 35	0 37	8 11	1 43	7 54	14 54	11 53	11 56	27 59		n.a.
M 4	18 18	27 9	3 48	23 56	1 55	23 23	0 32	1 30	0 9	23 50	0 6	23 28	0 17	21 34	0 37	8 10	1 43	7 53	14 54	11 51	11 55	27 59		n.a.
T 5	18 2	28 9	4 23	23 43	1 58	23 16	0 35	1 47	0 9	23 50	0 7	23 28	0 17	21 33	0 37	8 10	1 43	7 53	14 54	11 48	11 53	28 0		n.a.
W 6	17 45	27 51	4 47	23 28	2 0	23 9	0 37	2 4	0 10	23 51	0 7	23 29	0 17	21 33	0 37	8 9	1 43	7 52	14 54	11 44	11 52	28 1		n.a.
T 7	17 29	26 14	4 59	23 11	2 2	23 1	0 39	2 21	0 11	23 51	0 7	23 29	0 17	21 32	0 37	8 8	1 43	7 52	14 53	11 39	11 51	28 1		n.a.
F 8	17 12	23 23	4 57	22 53	2 4	22 52	0 42	2 37	0 12	23 52	0 7	23 29	0 17	21 31	0 37	8 7	1 43	7 51	14 53	11 34	11 50	28 2		n.a.
S 9	16 54	19 27	4 42	22 33	2 5	22 42	0 44	2 54	0 12	23 52	0 7	23 29	0 17	21 31	0 37	8 6	1 43	7 51	14 53	11 29	11 49	28 3		n.a.
S 10	16 37	14 38	4 12	22 11	2 6	22 32	0 46	3 11	0 13	23 52	0 7	23 29	0 17	21 30	0 37	8 6	1 43	7 50	14 52	11 25	11 48	28 3		n.a.
M11	16 19	9 8	3 30	21 47	2 7	22 21	0 48	3 27	0 14	23 53	0 7	23 29	0 16	21 29	0 37	8 5	1 43	7 49	14 52	11 22	11 47	28 4		n.a.
T 12	16 1	3 11	2 36	21 21	2 7	22 10	0 50	3 44	0 15	23 53	0 8	23 29	0 16	21 29	0 37	8 4	1 43	7 49	14 52	11 19	11 46	28 5		n.a.
W13	15 43	3n 0	1 34	20 53	2 6	21 58	0 52	4 0	0 15	23 53	0 8	23 29	0 16	21 28	0 37	8 3	1 43	7 48	14 51	11 18	11 44	28 5		n.a.
T 14	15 24	9 10	0 25	20 24	2 5	21 45	0 54	4 17	0 16	23 53	0 8	23 30	0 16	21 28	0 37	8 2	1 43	7 48	14 51	11 18	11 43	28 6		n.a.
F 15	15 5	15 3	0n46	19 53	2 4	21 32	0 56	4 33	0 17	23 54	0 8	23 30	0 16	21 27	0 37	8 1	1 43	7 47	14 51	11 18	11 42	28 6		n.a.
S 16	14 46	20 17	1 57	19 20	2 2	21 18	0 58	4 50	0 17	23 54	0 8	23 30	0 16	21 26	0 37	8 1	1 43	7 47	14 51	11 18	11 41	28 7		n.a.
S 17	14 27	24 31	3 1	18 45	1 59	21 3	1 0	5 6	0 18	23 54	0 8	23 30	0 16	21 26	0 37	8 0	1 42	7 46	14 50	11 17	11 40	28 7		n.a.
M18	14 7	27 18	3 56	18 8	1 56	20 48	1 2	5 22	0 19	23 54	0 8	23 30	0 16	21 25	0 37	7 59	1 42	7 45	14 50	11 16	11 39	28 8		n.a.
T 19	13 47	28 18	4 36	17 29	1 52	20 32	1 3	5 38	0 20	23 55	0 8	23 30	0 16	21 24	0 37	7 58	1 42	7 45	14 50	11 15	11 38	28 9		n.a.
W20	13 28	27 18	4 59	16 48	1 48	20 15	1 5	5 55	0 20	23 55	0 9	23 30	0 16	21 24	0 37	7 57	1 42	7 44	14 50	11 12	11 37	28 9		n.a.
T 21	13 7	24 24	5 2	16 6	1 44	19 58	1 7	6 11	0 21	23 55	0 9	23 30	0 16	21 23	0 37	7 56	1 42	7 44	14 49	11 8	11 35	28 10		n.a.
F 22	12 47	19 55	4 45	15 22	1 38	19 41	1 8	6 27	0 21	23 55	0 9	23 30	0 16	21 22	0 37	7 55	1 42	7 43	14 49	11 5	11 34	28 10		n.a.
S 23	12 26	14 20	4 9	14 36	1 33	19 22	1 10	6 43	0 22	23 55	0 9	23 30	0 16	21 22	0 37	7 55	1 42	7 43	14 49	11 2	11 33	28 11		n.a.
S 24	12 6	8 7	3 19	13 48	1 26	19 4	1 11	6 59	0 23	23 55	0 9	23 30	0 16	21 21	0 37	7 54	1 42	7 42	14 49	10 59	11 32	28 11		n.a.
M25	11 45	1 40	2 19	12 58	1 19	18 45	1 13	7 15	0 23	23 55	0 9	23 31	0 16	21 21	0 37	7 53	1 42	7 41	14 48	10 57	11 31	28 12		n.a.
T 26	11 24	4s40	1 12	12 7	1 12	18 25	1 14	7 31	0 24	23 56	0 9	23 31	0 16	21 20	0 37	7 52	1 42	7 41	14 48	10 56	11 30	28 12		n.a.
W27	11 3	10 37	0 4	11 15	1 4	18 4	1 15	7 47	0 25	23 56	0 10	23 31	0 16	21 19	0 37	7 51	1 42	7 40	14 48	10 55	11 29	28 13		n.a.
T 28	10s41	15s59	1s 3	10s21	0s55	17s44	1s17	8n 2	0n25	23s56	0s10	23s31	0n15	21s19	0s37	7s50	1s42	7s40	14s48	10n56	11n27	28s13		n.a.

Julian Day Number = 1501573.5, Delta T = 05h06m28s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'11, Lahiri = -12°16'11 Julian Calendar 1 Feb. 602 BCE == Greg. Calendar 25 Jan. 602 BCE

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

MARCH 602 BCE (-601) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s20	20s35	2s 6	9s26	0s46	17s22	1s18	8n18	0n26	23s56	0s10	23s31	0n15	21s18	0s37	7s49	1s42	7s39	14s47	10n56	11n26	28s14		n.a.
S 2	9 58	24 14	3 1	8 30	0 36	17 1	1 19	8 34	0 26	23 56	0 10	23 31	0 15	21 17	0 37	7 48	1 42	7 38	14 47	10 56	11 25	28 14		n.a.
S 3	9 36	26 49	3 49	7 33	0 26	16 38	1 20	8 49	0 27	23 56	0 10	23 31	0 15	21 17	0 37	7 48	1 42	7 38	14 47	10 56	11 24	28 15		n.a.
M 4	9 14	28 11	4 26	6 35	0 16	16 16	1 21	9 5	0 28	23 56	0 10	23 31	0 15	21 16	0 37	7 47	1 42	7 37	14 47	10 55	11 23	28 15		n.a.
T 5	8 52	28 15	4 52	5 37	0 5	15 53	1 22	9 20	0 28	23 56	0 10	23 31	0 15	21 16	0 37	7 46	1 42	7 36	14 46	10 53	11 22	28 16		n.a.
W 6	8 30	27 0	5 5	4 39	0n 6	15 29	1 23	9 35	0 29	23 56	0 11	23 31	0 15	21 15	0 37	7 45	1 42	7 36	14 46	10 51	11 21	28 16		n.a.
T 7	8 7	24 29	5 5	3 40	0 18	15 5	1 23	9 51	0 29	23 56	0 11	23 31	0 15	21 15	0 37	7 44	1 42	7 35	14 46	10 48	11 20	28 16		n.a.
F 8	7 45	20 49	4 51	2 42	0 29	14 41	1 24	10 6	0 30	23 56	0 11	23 31	0 15	21 14	0 37	7 43	1 42	7 35	14 46	10 45	11 18	28 17		n.a.
S 9	7 22	16 10	4 23	1 44	0 41	14 16	1 25	10 21	0 31	23 56	0 11	23 31	0 15	21 13	0 37	7 42	1 42	7 34	14 46	10 42	11 17	28 17		n.a.
S 10	7 0	10 44	3 41	0 47	0 53	13 51	1 25	10 36	0 31	23 56	0 11	23 31	0 15	21 13	0 38	7 41	1 42	7 33	14 45	10 39	11 16	28 18		n.a.
M11	6 37	4 45	2 47	0n 8	1 4	13 25	1 26	10 51	0 32	23 56	0 11	23 31	0 15	21 12	0 38	7 40	1 42	7 33	14 45	10 37	11 15	28 18		n.a.
T 12	6 14	1n32	1 43	1 3	1 16	12 59	1 26	11 6	0 32	23 56	0 11	23 31	0 15	21 12	0 38	7 40	1 42	7 32	14 45	10 35	11 14	28 18		n.a.
W13	5 51	7 52	0 32	1 56	1 27	12 33	1 27	11 21	0 33	23 56	0 12	23 31	0 15	21 11	0 38	7 39	1 42	7 32	14 45	10 35	11 13	28 19		n.a.
T 14	5 28	13 56	0n41	2 47	1 38	12 7	1 27	11 35	0 33	23 56	0 12	23 31	0 15	21 11	0 38	7 38	1 42	7 31	14 45	10 35	11 12	28 19		n.a.
F 15	5 5	19 23	1 54	3 36	1 48	11 40	1 27	11 50	0 34	23 56	0 12	23 31	0 15	21 10	0 38	7 37	1 42	7 30	14 45	10 35	11 10	28 19		n.a.
S 16	4 42	23 52	3 0	4 23	1 58	11 13	1 27	12 4	0 34	23 56	0 12	23 31	0 15	21 10	0 38	7 36	1 42	7 30	14 44	10 36	11 9	28 20		n.a.
S 17	4 19	26 59	3 56	5 8	2 8	10 45	1 28	12 19	0 35	23 56	0 12	23 31	0 15	21 9	0 38	7 35	1 42	7 29	14 44	10 36	11 8	28 20		n.a.
M18	3 55	28 25	4 39	5 51	2 17	10 17	1 28	12 33	0 35	23 56	0 12	23 32	0 14	21 9	0 38	7 34	1 42	7 28	14 44	10 36	11 7	28 21		n.a.
T 19	3 32	27 57	5 4	6 30	2 25	9 49	1 28	12 48	0 36	23 55	0 13	23 32	0 14	21 8	0 38	7 33	1 42	7 28	14 44	10 35	11 6	28 21		n.a.
W20	3 9	25 38	5 11	7 7	2 33	9 21	1 28	13 2	0 36	23 55	0 13	23 32	0 14	21 8	0 38	7 33	1 42	7 27	14 44	10 34	11 5	28 21		n.a.
T 21	2 45	21 43	4 58	7 42	2 39	8 53	1 27	13 16	0 37	23 55	0 13	23 32	0 14	21 7	0 38	7 32	1 42	7 27	14 44	10 32	11 3	28 21		n.a.
F 22	2 22	16 33	4 27	8 13	2 45	8 24	1 27	13 30	0 37	23 55	0 13	23 32	0 14	21 7	0 38	7 31	1 42	7 26	14 44	10 30	11 2	28 22		n.a.
S 23	1 59	10 35	3 40	8 42	2 50	7 55	1 27	13 44	0 38	23 55	0 13	23 32	0 14	21 6	0 38	7 30	1 42	7 25	14 43	10 29	11 1	28 22		n.a.
S 24	1 35	4 12	2 41	9 8	2 55	7 26	1 27	13 57	0 38	23 55	0 13	23 32	0 14	21 6	0 38	7 29	1 42	7 25	14 43	10 27	11 0	28 22		n.a.
M25	1 12	2s15	1 34	9 30	2 58	6 57	1 26	14 11	0 39	23 55	0 14	23 32	0 14	21 5	0 38	7 28	1 42	7 24	14 43	10 26	10 59	28 23		n.a.
T 26	0 49	8 27	0 24	9 50	3 0	6 27	1 26	14 25	0 39	23 55	0 14	23 32	0 14	21 5	0 38	7 27	1 42	7 24	14 43	10 26	10 58	28 23		n.a.
W27	0 25	14 10	0s46	10 6	3 1	5 57	1 25	14 38	0 40	23 55	0 14	23 32	0 14	21 5	0 38	7 27	1 43	7 23	14 43	10 26	10 57	28 23		n.a.
T 28	0 2	19 9	1 53	10 20	3 1	5 28	1 25	14 51	0 40	23 55	0 14	23 32	0 14	21 4	0 38	7 26	1 43	7 22	14 43	10 26	10 55	28 23		n.a.
F 29	0n22	23 14	2 53	10 30	3 0	4 58	1 24	15 5	0 41	23 55	0 14	23 32	0 14	21 4	0 38	7 25	1 43	7 22	14 43	10 27	10 54	28 24		n.a.
S 30	0 45	26 14	3 44	10 36	2 57	4 27	1 23	15 18	0 41	23 55	0 14	23 32	0 14	21 3	0 38	7 24	1 43	7 21	14 43	10 27	10 53	28 24		n.a.
S 31	1n 8	28s 2	4s24	10n40	2n54	3s57	1s23	15n31	0n42	23s55	0s15	23s32	0n14	21s 3	0s38	7s23	1s43	7s21	14s42	10n28	10n52	28s24		n.a.

Julian Day Number = 1501601.5, Delta T = 05h06m27s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'07, Lahiri = -12°16'07 Julian Calendar 1 March 602 BCE == Greg. Calendar 22 Feb. 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

APRIL 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 8 29	3♈47'47	5♉50	20♈23	24♓32	10♉ 9	5♉15	1♉35	0♒ 3	15♓29	15♈35	26°R47	27♈50	2♉57	n.a.	M 1
T 2	12 12 26	4°45'43	17°44	20°30	25°46	10°47	5°20	1°37	0° 5	15°31	15°36	26♈47	27°47	3° 4	n.a.	T 2
W 3	12 16 22	5°43'39	29°45	20°R32	27° 0	11°26	5°26	1°38	0° 7	15°33	15°37	26°45	27°44	3°11	n.a.	W 3
T 4	12 20 19	6°41'33	11♒56	20°29	28°13	12° 5	5°31	1°40	0° 8	15°35	15°39	26°43	27°40	3°17	n.a.	T 4
F 5	12 24 16	7°39'25	24°21	20°21	29°27	12°44	5°36	1°41	0°10	15°38	15°40	26°40	27°37	3°24	n.a.	F 5
S 6	12 28 12	8°37'17	7♓ 2	20° 8	0♈41	13°22	5°41	1°43	0°12	15°40	15°41	26°37	27°34	3°31	n.a.	S 6
S 7	12 32 9	9°35'06	20° 1	19°51	1°55	14° 1	5°46	1°44	0°14	15°42	15°43	26°35	27°31	3°37	n.a.	S 7
M 8	12 36 5	10°32'54	3♈19	19°30	3° 8	14°40	5°50	1°45	0°15	15°44	15°44	26°33	27°28	3°44	n.a.	M 8
T 9	12 40 2	11°30'41	16°53	19° 6	4°22	15°18	5°55	1°46	0°17	15°46	15°45	26°32	27°25	3°51	n.a.	T 9
W10	12 43 58	12°28'26	0♉43	18°38	5°36	15°57	5°59	1°47	0°19	15°48	15°47	26°D32	27°21	3°58	n.a.	W10
T 11	12 47 55	13°26'09	14°45	18° 7	6°49	16°36	6° 3	1°48	0°20	15°50	15°48	26°32	27°18	4° 4	n.a.	T 11
F 12	12 51 51	14°23'51	28°55	17°35	8° 3	17°14	6° 7	1°48	0°22	15°52	15°50	26°33	27°15	4°11	n.a.	F 12
S 13	12 55 48	15°21'31	13♊11	17° 1	9°17	17°53	6°10	1°49	0°23	15°54	15°51	26°34	27°12	4°18	n.a.	S 13
S 14	12 59 45	16°19'10	27°28	16°26	10°31	18°32	6°14	1°49	0°24	15°56	15°52	26°35	27° 9	4°24	n.a.	S 14
M15	13 3 41	17°16'47	11♋44	15°50	11°44	19°10	6°17	1°50	0°26	15°58	15°54	26°R35	27° 5	4°31	n.a.	M15
T 16	13 7 38	18°14'22	25°56	15°15	12°58	19°49	6°20	1°50	0°27	16° 0	15°55	26°35	27° 2	4°38	n.a.	T 16
W17	13 11 34	19°11'56	10♌ 2	14°41	14°12	20°27	6°23	1°50	0°28	16° 2	15°56	26°35	26°59	4°45	n.a.	W17
T 18	13 15 31	20° 9'28	23°59	14° 9	15°25	21° 6	6°26	1°50	0°30	16° 4	15°58	26°34	26°56	4°51	n.a.	T 18
F 19	13 19 27	21° 6'58	7♍47	13°38	16°39	21°44	6°29	1°R51	0°31	16° 6	15°59	26°33	26°53	4°58	n.a.	F 19
S 20	13 23 24	22° 4'27	21°22	13°10	17°52	22°23	6°31	1°50	0°32	16° 8	16° 0	26°33	26°50	5° 5	n.a.	S 20
S 21	13 27 20	23° 1'54	4♎43	12°45	19° 6	23° 1	6°33	1°50	0°33	16°10	16° 2	26°33	26°46	5°11	n.a.	S 21
M22	13 31 17	23°59'20	17°51	12°24	20°20	23°40	6°36	1°50	0°34	16°12	16° 3	26°32	26°43	5°18	n.a.	M22
T 23	13 35 14	24°56'45	0♏43	12° 6	21°33	24°18	6°37	1°50	0°35	16°14	16° 4	26°D32	26°40	5°25	n.a.	T 23
W24	13 39 10	25°54'09	13°21	11°52	22°47	24°57	6°39	1°49	0°36	16°16	16° 6	26°32	26°37	5°32	n.a.	W24
T 25	13 43 7	26°51'32	25°45	11°42	24° 1	25°35	6°41	1°49	0°37	16°17	16° 7	26°R32	26°34	5°38	n.a.	T 25
F 26	13 47 3	27°48'54	7♐57	11°36	25°14	26°14	6°42	1°48	0°38	16°19	16° 8	26°32	26°30	5°45	n.a.	F 26
S 27	13 51 0	28°46'15	19°59	11°D35	26°28	26°52	6°43	1°47	0°38	16°21	16°10	26°32	26°27	5°52	n.a.	S 27
S 28	13 54 56	29°43'35	1♑54	11°38	27°42	27°30	6°44	1°46	0°39	16°23	16°11	26°32	26°24	5°58	n.a.	S 28
M29	13 58 53	0♑40'55	13°47	11°46	28°55	28° 9	6°45	1°45	0°40	16°25	16°12	26°31	26°21	6° 5	n.a.	M29
T 30	14 2 49	1♑38'13	25♑42	11♈58	0♉ 9	28♉47	6♑45	1♑44	0♒41	16♓26	16♈14	26♈31	26♈18	6♑12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n32	28s32	4s54	10n41	2n49	3s27	1s22	15n44	0n42	23s55	0s15	23s32	0n14	21s 2	0s38	7s22	1s43	7s20	14s42	10n28	10n51	28s24		n.a.
T 2	1 55	27 42	5 11	10 38	2 43	2 56	1 21	15 56	0 43	23 55	0 15	23 32	0 14	21 2	0 38	7 21	1 43	7 19	14 42	10 28	10 50	28 25		n.a.
W 3	2 18	25 36	5 14	10 32	2 36	2 26	1 20	16 9	0 43	23 55	0 15	23 32	0 14	21 2	0 38	7 21	1 43	7 19	14 42	10 27	10 49	28 25		n.a.
T 4	2 42	22 18	5 4	10 23	2 28	1 55	1 19	16 22	0 43	23 55	0 15	23 32	0 13	21 1	0 38	7 20	1 43	7 18	14 42	10 26	10 47	28 25		n.a.
F 5	3 5	17 57	4 39	10 11	2 18	1 25	1 18	16 34	0 44	23 55	0 16	23 32	0 13	21 1	0 38	7 19	1 43	7 18	14 42	10 25	10 46	28 25		n.a.
S 6	3 28	12 45	4 0	9 56	2 7	0 54	1 17	16 46	0 44	23 54	0 16	23 32	0 13	21 1	0 38	7 18	1 43	7 17	14 42	10 24	10 45	28 25		n.a.
S 7	3 51	6 53	3 8	9 39	1 55	0 23	1 16	16 59	0 45	23 54	0 16	23 32	0 13	21 0	0 38	7 17	1 43	7 17	14 42	10 23	10 44	28 25		n.a.
M 8	4 14	0 34	2 5	9 19	1 42	0n 8	1 14	17 11	0 45	23 54	0 16	23 32	0 13	21 0	0 38	7 17	1 43	7 16	14 42	10 23	10 43	28 26		n.a.
T 9	4 37	5n55	0 53	8 56	1 28	0 39	1 13	17 23	0 46	23 54	0 16	23 32	0 13	21 0	0 38	7 16	1 43	7 15	14 42	10 22	10 42	28 26		n.a.
W10	5 0	12 15	0n23	8 32	1 14	1 9	1 12	17 34	0 46	23 54	0 16	23 32	0 13	20 59	0 38	7 15	1 43	7 15	14 42	10 22	10 40	28 26		n.a.
T 11	5 22	18 4	1 39	8 6	0 58	1 40	1 11	17 46	0 46	23 54	0 17	23 32	0 13	20 59	0 39	7 14	1 43	7 14	14 42	10 22	10 39	28 26		n.a.
F 12	5 45	22 57	2 50	7 38	0 42	2 11	1 9	17 58	0 47	23 54	0 17	23 32	0 13	20 59	0 39	7 13	1 43	7 14	14 42	10 23	10 38	28 26		n.a.
S 13	6 8	26 30	3 50	7 10	0 25	2 42	1 8	18 9	0 47	23 54	0 17	23 33	0 13	20 58	0 39	7 13	1 43	7 13	14 42	10 23	10 37	28 26		n.a.
S 14	6 30	28 21	4 37	6 40	0 8	3 12	1 6	18 20	0 48	23 54	0 17	23 33	0 13	20 58	0 39	7 12	1 43	7 13	14 42	10 23	10 36	28 26		n.a.
M15	6 53	28 19	5 6	6 11	0s 9	3 43	1 5	18 32	0 48	23 54	0 17	23 33	0 13	20 58	0 39	7 11	1 43	7 12	14 42	10 24	10 35	28 27		n.a.
T 16	7 15	26 26	5 16	5 42	0 26	4 13	1 3	18 43	0 48	23 55	0 18	23 33	0 13	20 58	0 39	7 10	1 43	7 12	14 42	10 24	10 33	28 27		n.a.
W17	7 37	22 54	5 8	5 13	0 43	4 44	1 1	18 53	0 49	23 55	0 18	23 33	0 13	20 57	0 39	7 10	1 43	7 11	14 42	10 23	10 32	28 27		n.a.
T 18	7 59	18 7	4 41	4 45	0 59	5 14	1 0	19 4	0 49	23 55	0 18	23 33	0 13	20 57	0 39	7 9	1 43	7 11	14 42	10 23	10 31	28 27		n.a.
F 19	8 21	12 27	3 58	4 18	1 16	5 45	0 58	19 15	0 50	23 55	0 18	23 33	0 13	20 57	0 39	7 8	1 43	7 10	14 42	10 23	10 30	28 27		n.a.
S 20	8 43	6 16	3 3	3 52	1 31	6 15	0 56	19 25	0 50	23 55	0 18	23 33	0 12	20 57	0 39	7 7	1 43	7 10	14 42	10 23	10 29	28 27		n.a.
S 21	9 4	0s 6	1 58	3 29	1 46	6 45	0 54	19 36	0 50	23 55	0 19	23 33	0 12	20 57	0 39	7 7	1 43	7 9	14 42	10 23	10 28	28 27		n.a.
M22	9 26	6 22	0 48	3 7	2 0	7 15	0 52	19 46	0 51	23 55	0 19	23 33	0 12	20 56	0 39	7 6	1 43	7 9	14 42	10 23	10 26	28 27		n.a.
T 23	9 47	12 15	0s23	2 48	2 14	7 44	0 50	19 56	0 51	23 55	0 19	23 33	0 12	20 56	0 39	7 5	1 43	7 8	14 42	10 23	10 25	28 27		n.a.
W24	10 8	17 31	1 32	2 31	2 26	8 14	0 48	20 6	0 51	23 55	0 19	23 33	0 12	20 56	0 39	7 5	1 43	7 8	14 42	10 23	10 24	28 27		n.a.
T 25	10 30	21 58	2 35	2 17	2 37	8 43	0 46	20 15	0 52	23 55	0 19	23 33	0 12	20 56	0 39	7 4	1 43	7 7	14 42	10 23	10 23	28 27		n.a.
F 26	10 50	25 23	3 30	2 5	2 47	9 12	0 44	20 25	0 52	23 55	0 20	23 33	0 12	20 56	0 39	7 3	1 43	7 7	14 42	10 23	10 22	28 27		n.a.
S 27	11 11	27 37	4 15	1 56	2 57	9 41	0 42	20 34	0 52	23 56	0 20	23 33	0 12	20 56	0 39	7 3	1 43	7 6	14 42	10 22	10 21	28 27		n.a.
S 28	11 32	28 33	4 48	1 50	3 5	10 10	0 40	20 44	0 53	23 56	0 20	23 34	0 12	20 55	0 39	7 2	1 44	7 6	14 42	10 22	10 20	28 27		n.a.
M29	11 52	28 10	5 9	1 47	3 12	10 39	0 38	20 53	0 53	23 56	0 20	23 34	0 12	20 55	0 39	7 1	1 44	7 5	14 42	10 22	10 18	28 27		n.a.
T 30	12n12	26s29	5s17	1n46	3s18	11n 7	0s36	21n 2	0n53	23s56	0s20	23s34	0n12	20s55	0s39	7s 1	1s44	7s 5	14s42	10n22	10n17	28s27		n.a.

Julian Day Number = 1501632.5, Delta T = 05h06m25s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°23'03, Lahiri = -12°16'03 Julian Calendar 1 Apr. 602 BCE == Greg. Calendar 25 March 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

MAY 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 6 46	2♉35'31	7♒42	12♈15	1♉23	29♉25	6♑46	1°R43	0♒41	16♓28	16♈15	26°D31	26♈15	6♑19	n.a.	W 1
T 2	14 10 43	3°32'49	19°52	12°36	2°36	0♊ 4	6°R46	1♑42	0°42	16°30	16°16	26♈32	26°11	6°25	n.a.	T 2
F 3	14 14 39	4°30'05	2♓18	13° 2	3°50	0°42	6°46	1°41	0°42	16°31	16°18	26°32	26° 8	6°32	n.a.	F 3
S 4	14 18 36	5°27'22	15° 2	13°32	5° 4	1°20	6°46	1°39	0°43	16°33	16°19	26°33	26° 5	6°39	n.a.	S 4
S 5	14 22 32	6°24'37	28° 7	14° 6	6°17	1°59	6°45	1°38	0°43	16°35	16°20	26°34	26° 2	6°45	n.a.	S 5
M 6	14 26 29	7°21'52	11♈35	14°44	7°31	2°37	6°45	1°36	0°43	16°36	16°22	26°34	25°59	6°52	n.a.	M 6
T 7	14 30 25	8°19'06	25°26	15°26	8°45	3°15	6°44	1°35	0°44	16°38	16°23	26°R35	25°56	6°59	n.a.	T 7
W 8	14 34 22	9°16'20	9♉37	16°13	9°58	3°54	6°43	1°33	0°44	16°39	16°24	26°34	25°52	7° 6	n.a.	W 8
T 9	14 38 18	10°13'33	24° 4	17° 3	11°12	4°32	6°42	1°31	0°44	16°41	16°25	26°34	25°49	7°12	n.a.	T 9
F 10	14 42 15	11°10'46	8♊42	17°56	12°26	5°10	6°40	1°29	0°44	16°42	16°27	26°32	25°46	7°19	n.a.	F 10
S 11	14 46 12	12° 7'57	23°23	18°54	13°39	5°49	6°39	1°27	0°45	16°44	16°28	26°30	25°43	7°26	n.a.	S 11
S 12	14 50 8	13° 5'08	8♋ 2	19°55	14°53	6°27	6°37	1°25	0°45	16°45	16°29	26°28	25°40	7°32	n.a.	S 12
M13	14 54 5	14° 2'19	22°33	21° 0	16° 7	7° 5	6°35	1°23	0°R45	16°47	16°30	26°27	25°36	7°39	n.a.	M13
T 14	14 58 1	14°59'28	6♌50	22° 8	17°20	7°43	6°33	1°20	0°45	16°48	16°32	26°26	25°33	7°46	n.a.	T 14
W15	15 1 58	15°56'36	20°52	23°19	18°34	8°21	6°31	1°18	0°45	16°49	16°33	26°D26	25°30	7°53	n.a.	W15
T 16	15 5 54	16°53'44	4♍37	24°34	19°48	9° 0	6°28	1°15	0°44	16°51	16°34	26°26	25°27	7°59	n.a.	T 16
F 17	15 9 51	17°50'51	18° 6	25°53	21° 1	9°38	6°26	1°13	0°44	16°52	16°35	26°28	25°24	8° 6	n.a.	F 17
S 18	15 13 47	18°47'57	1♎19	27°14	22°15	10°16	6°23	1°10	0°44	16°53	16°36	26°29	25°21	8°13	n.a.	S 18
S 19	15 17 44	19°45'03	14°18	28°39	23°29	10°54	6°20	1° 8	0°44	16°55	16°38	26°30	25°17	8°19	n.a.	S 19
M20	15 21 41	20°42'08	27° 4	0♏ 7	24°42	11°32	6°17	1° 5	0°43	16°56	16°39	26°R31	25°14	8°26	n.a.	M20
T 21	15 25 37	21°39'13	9♏37	1°38	25°56	12°11	6°13	1° 2	0°43	16°57	16°40	26°30	25°11	8°33	n.a.	T 21
W22	15 29 34	22°36'18	22° 0	3°13	27°10	12°49	6°10	0°59	0°43	16°58	16°41	26°28	25° 8	8°40	n.a.	W22
T 23	15 33 30	23°33'22	4♐13	4°50	28°23	13°27	6° 6	0°56	0°42	16°59	16°42	26°25	25° 5	8°46	n.a.	T 23
F 24	15 37 27	24°30'26	16°17	6°31	29°37	14° 5	6° 2	0°53	0°42	17° 0	16°43	26°21	25° 2	8°53	n.a.	F 24
S 25	15 41 23	25°27'31	28°16	8°15	0♊51	14°43	5°58	0°50	0°41	17° 2	16°44	26°16	24°58	9° 0	n.a.	S 25
S 26	15 45 20	26°24'35	10♑10	10° 1	2° 4	15°21	5°54	0°47	0°41	17° 3	16°45	26°11	24°55	9° 6	n.a.	S 26
M27	15 49 17	27°21'40	22° 2	11°51	3°18	15°59	5°50	0°43	0°40	17° 4	16°47	26° 6	24°52	9°13	n.a.	M27
T 28	15 53 13	28°18'44	3♒55	13°43	4°32	16°38	5°45	0°40	0°39	17° 5	16°48	26° 3	24°49	9°20	n.a.	T 28
W29	15 57 10	29°15'49	15°54	15°38	5°45	17°16	5°40	0°37	0°38	17° 6	16°49	26° 0	24°46	9°27	n.a.	W29
T 30	16 1 6	0♊12'54	28° 3	17°36	6°59	17°54	5°35	0°33	0°38	17° 7	16°50	26°D 0	24°42	9°33	n.a.	T 30
F 31	16 5 3	1♊ 9'59	10♓26	19♉35	8♊13	18♊32	5♑30	0♑30	0♒37	17♓ 8	16♈51	26♈ 0	24♈39	9♑40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	12n32	23s36	5s11	1n48	3s23	11n35	0s34	21n11	0n54	23s56	0s21	23s34	0n12	20s55	0s39	7s 0	1s44	7s 4	14s42	10n22	10n16	28s27			n.a.
T 2	12 52	19 39	4 51	1 52	3 27	12 3	0 32	21 19	0 54	23 56	0 21	23 34	0 12	20 55	0 39	6 59	1 44	7 4	14 42	10 22	10 15	28 27			n.a.
F 3	13 12	14 47	4 17	2 0	3 30	12 30	0 30	21 28	0 54	23 57	0 21	23 34	0 12	20 55	0 39	6 59	1 44	7 3	14 42	10 22	10 14	28 27			n.a.
S 4	13 31	9 12	3 30	2 10	3 32	12 58	0 27	21 36	0 55	23 57	0 21	23 34	0 11	20 55	0 39	6 58	1 44	7 3	14 42	10 23	10 13	28 27			n.a.
S 5	13 51	3 4	2 31	2 22	3 33	13 24	0 25	21 44	0 55	23 57	0 21	23 34	0 11	20 55	0 39	6 58	1 44	7 3	14 42	10 23	10 11	28 27			n.a.
M 6	14 10	3n23	1 22	2 37	3 33	13 51	0 23	21 52	0 55	23 57	0 22	23 34	0 11	20 55	0 39	6 57	1 44	7 2	14 42	10 23	10 10	28 27			n.a.
T 7	14 28	9 52	0 6	2 54	3 33	14 17	0 21	22 0	0 56	23 58	0 22	23 34	0 11	20 55	0 39	6 56	1 44	7 2	14 42	10 23	10 9	28 27			n.a.
W 8	14 47	16 1	1n11	3 13	3 31	14 43	0 18	22 8	0 56	23 58	0 22	23 34	0 11	20 55	0 39	6 56	1 44	7 1	14 42	10 23	10 8	28 27			n.a.
T 9	15 5	21 24	2 26	3 35	3 29	15 9	0 16	22 16	0 56	23 58	0 22	23 35	0 11	20 55	0 40	6 55	1 44	7 1	14 43	10 23	10 7	28 26			n.a.
F 10	15 23	25 33	3 32	3 58	3 26	15 34	0 14	22 23	0 56	23 58	0 22	23 35	0 11	20 55	0 40	6 55	1 44	7 1	14 43	10 22	10 5	28 26			n.a.
S 11	15 41	28 0	4 24	4 24	3 22	15 59	0 11	22 30	0 57	23 59	0 23	23 35	0 11	20 55	0 40	6 54	1 44	7 0	14 43	10 22	10 4	28 26			n.a.
S 12	15 59	28 30	4 59	4 51	3 17	16 23	0 9	22 37	0 57	23 59	0 23	23 35	0 11	20 55	0 40	6 54	1 44	7 0	14 43	10 21	10 3	28 26			n.a.
M13	16 16	27 1	5 14	5 21	3 12	16 47	0 7	22 44	0 57	23 59	0 23	23 35	0 11	20 55	0 40	6 53	1 44	6 59	14 43	10 20	10 2	28 26			n.a.
T 14	16 33	23 49	5 10	5 52	3 6	17 10	0 4	22 51	0 58	24 0	0 23	23 35	0 11	20 55	0 40	6 53	1 44	6 59	14 43	10 20	10 1	28 26			n.a.
W15	16 50	19 16	4 47	6 25	2 59	17 34	0 2	22 57	0 58	24 0	0 23	23 35	0 11	20 55	0 40	6 52	1 44	6 59	14 43	10 20	10 0	28 26			n.a.
T 16	17 7	13 47	4 8	6 59	2 52	17 56	0n 1	23 4	0 58	24 0	0 24	23 35	0 11	20 55	0 40	6 52	1 44	6 58	14 43	10 20	9 58	28 26			n.a.
F 17	17 23	7 46	3 16	7 35	2 44	18 18	0 3	23 10	0 58	24 1	0 24	23 35	0 11	20 55	0 40	6 51	1 44	6 58	14 43	10 21	9 57	28 25			n.a.
S 18	17 39	1 31	2 14	8 13	2 36	18 40	0 5	23 16	0 59	24 1	0 24	23 35	0 10	20 55	0 40	6 51	1 45	6 58	14 44	10 21	9 56	28 25			n.a.
S 19	17 55	4s42	1 7	8 52	2 27	19 1	0 8	23 22	0 59	24 1	0 24	23 36	0 10	20 55	0 40	6 50	1 45	6 57	14 44	10 22	9 55	28 25			n.a.
M20	18 10	10 37	0s 3	9 32	2 17	19 22	0 10	23 27	0 59	24 2	0 25	23 36	0 10	20 55	0 40	6 50	1 45	6 57	14 44	10 22	9 54	28 25			n.a.
T 21	18 26	16 1	1 11	10 13	2 8	19 42	0 12	23 33	0 59	24 2	0 25	23 36	0 10	20 55	0 40	6 50	1 45	6 57	14 44	10 22	9 53	28 25			n.a.
W22	18 41	20 41	2 15	10 55	1 57	20 2	0 15	23 38	1 0	24 2	0 25	23 36	0 10	20 56	0 40	6 49	1 45	6 57	14 44	10 21	9 51	28 24			n.a.
T 23	18 55	24 25	3 12	11 38	1 47	20 21	0 17	23 43	1 0	24 3	0 25	23 36	0 10	20 56	0 40	6 49	1 45	6 56	14 44	10 20	9 50	28 24			n.a.
F 24	19 9	27 1	3 59	12 22	1 36	20 40	0 19	23 48	1 0	24 3	0 25	23 36	0 10	20 56	0 40	6 48	1 45	6 56	14 44	10 18	9 49	28 24			n.a.
S 25	19 23	28 21	4 36	13 7	1 25	20 58	0 22	23 53	1 0	24 4	0 26	23 36	0 10	20 56	0 40	6 48	1 45	6 56	14 45	10 17	9 48	28 24			n.a.
S 26	19 37	28 21	5 0	13 52	1 14	21 15	0 24	23 57	1 1	24 4	0 26	23 36	0 10	20 56	0 40	6 48	1 45	6 55	14 45	10 15	9 47	28 23			n.a.
M27	19 50	27 3	5 11	14 37	1 2	21 32	0 26	24 2	1 1	24 4	0 26	23 36	0 10	20 56	0 40	6 47	1 45	6 55	14 45	10 13	9 46	28 23			n.a.
T 28	20 3	24 32	5 9	15 22	0 51	21 48	0 29	24 6	1 1	24 5	0 26	23 36	0 10	20 57	0 40	6 47	1 45	6 55	14 45	10 12	9 44	28 23			n.a.
W29	20 16	20 57	4 53	16 8	0 39	22 4	0 31	24 10	1 1	24 5	0 26	23 37	0 10	20 57	0 40	6 47	1 45	6 55	14 45	10 11	9 43	28 23			n.a.
T 30	20 29	16 26	4 24	16 53	0 27	22 19	0 33	24 14	1 2	24 6	0 27	23 37	0 10	20 57	0 40	6 46	1 45	6 55	14 45	10 10	9 42	28 22			n.a.
F 31	20n41	11s11	3s43	17n37	0s16	22n34	0n35	24n18	1n 2	24s 6	0s27	23s37	0n 9	20s57	0s40	6s46	1s45	6s54	14s46	10n11	9n41	28s22			n.a.

Julian Day Number = 1501662.5, Delta T = 05h06m24s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'59, Lahiri = -12°15'58 Julian Calendar 1 May 602 BCE == Greg. Calendar 24 Apr. 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

JUNE 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 8 59	2♊ 7'05	23♓ 7	21♉37	9♊26	19♊10	5°R25	0°R26	0°R36	17♓ 8	16♈52	26♈ 1	24♈36	9♑47	n.a.	S 1
S 2	16 12 56	3° 4'11	6♈11	23°41	10°40	19°48	5♑20	0♑22	0♒35	17° 9	16°53	26° 3	24°33	9°54	n.a.	S 2
M 3	16 16 52	4° 1'18	19°40	25°47	11°54	20°26	5°14	0°19	0°34	17°10	16°54	26°R 4	24°30	10° 0	n.a.	M 3
T 4	16 20 49	4°58'25	3♉37	27°53	13° 8	21° 4	5° 9	0°15	0°33	17°11	16°55	26° 4	24°27	10° 7	n.a.	T 4
W 5	16 24 46	5°55'32	17°59	0♊ 1	14°21	21°43	5° 3	0°11	0°32	17°12	16°56	26° 2	24°23	10°14	n.a.	W 5
T 6	16 28 42	6°52'40	2♊43	2°10	15°35	22°21	4°57	0° 7	0°31	17°12	16°57	25°58	24°20	10°20	n.a.	T 6
F 7	16 32 39	7°49'48	17°42	4°19	16°49	22°59	4°51	0° 3	0°30	17°13	16°58	25°53	24°17	10°27	n.a.	F 7
S 8	16 36 35	8°46'57	2♋47	6°28	18° 3	23°37	4°45	29♐59	0°29	17°14	16°58	25°47	24°14	10°34	n.a.	S 8
S 9	16 40 32	9°44'05	17°49	8°38	19°16	24°15	4°39	29°55	0°28	17°14	16°59	25°41	24°11	10°41	n.a.	S 9
M10	16 44 28	10°41'14	2♌38	10°46	20°30	24°53	4°32	29°51	0°26	17°15	17° 0	25°35	24° 8	10°47	n.a.	M10
T 11	16 48 25	11°38'23	17° 8	12°55	21°44	25°31	4°26	29°47	0°25	17°16	17° 1	25°31	24° 4	10°54	n.a.	T 11
W12	16 52 22	12°35'33	1♍16	15° 2	22°58	26° 9	4°19	29°43	0°24	17°16	17° 2	25°29	24° 1	11° 1	n.a.	W12
T 13	16 56 18	13°32'42	14°59	17° 9	24°11	26°47	4°12	29°39	0°22	17°17	17° 3	25°D28	23°58	11° 7	n.a.	T 13
F 14	17 0 15	14°29'51	28°20	19°14	25°25	27°25	4° 5	29°35	0°21	17°17	17° 4	25°29	23°55	11°14	n.a.	F 14
S 15	17 4 11	15°27'01	11♎21	21°19	26°39	28° 4	3°59	29°30	0°19	17°18	17° 4	25°30	23°52	11°21	n.a.	S 15
S 16	17 8 8	16°24'11	24° 4	23°21	27°53	28°42	3°52	29°26	0°18	17°18	17° 5	25°R31	23°48	11°28	n.a.	S 16
M17	17 12 4	17°21'22	6♏33	25°23	29° 6	29°20	3°44	29°22	0°16	17°18	17° 6	25°30	23°45	11°34	n.a.	M17
T 18	17 16 1	18°18'33	18°51	27°22	0♋20	29°58	3°37	29°18	0°15	17°19	17° 7	25°28	23°42	11°41	n.a.	T 18
W19	17 19 57	19°15'45	1♐ 1	29°21	1°34	0♋36	3°30	29°13	0°13	17°19	17° 7	25°23	23°39	11°48	n.a.	W19
T 20	17 23 54	20°12'57	13° 3	1♋17	2°48	1°14	3°23	29° 9	0°12	17°19	17° 8	25°15	23°36	11°54	n.a.	T 20
F 21	17 27 51	21°10'11	25° 1	3°12	4° 2	1°52	3°15	29° 4	0°10	17°19	17° 9	25° 6	23°33	12° 1	n.a.	F 21
S 22	17 31 47	22° 7'25	6♑56	5° 5	5°15	2°30	3° 8	29° 0	0° 8	17°20	17°10	24°56	23°29	12° 8	n.a.	S 22
S 23	17 35 44	23° 4'39	18°48	6°57	6°29	3° 8	3° 0	28°56	0° 7	17°20	17°10	24°45	23°26	12°15	n.a.	S 23
M24	17 39 40	24° 1'55	0♒40	8°46	7°43	3°46	2°53	28°51	0° 5	17°20	17°11	24°35	23°23	12°21	n.a.	M24
T 25	17 43 37	24°59'12	12°35	10°34	8°57	4°24	2°45	28°47	0° 3	17°20	17°11	24°26	23°20	12°28	n.a.	T 25
W26	17 47 33	25°56'30	24°34	12°21	10°10	5° 3	2°37	28°42	0° 1	17°20	17°12	24°19	23°17	12°35	n.a.	W26
T 27	17 51 30	26°53'49	6♓42	14° 6	11°24	5°41	2°30	28°38	29♑59	17°20	17°13	24°15	23°14	12°42	n.a.	T 27
F 28	17 55 26	27°51'09	19° 3	15°49	12°38	6°19	2°22	28°33	29°57	17°R20	17°13	24°13	23°10	12°48	n.a.	F 28
S 29	17 59 23	28°48'31	1♈40	17°30	13°52	6°57	2°14	28°29	29°55	17°20	17°14	24°D13	23° 7	12°55	n.a.	S 29
S 30	18 3 20	29♊45'54	14♈39	19♋10	15♋ 6	7♋35	2♑ 6	28♐24	29♑53	17♓20	17♈14	24♈13	23♈ 4	13♑ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20n52	5s22	2s50	18n21	0s 5	22n47	0n38	24n21	1n 2	24s 7	0s27	23s37	0n 9	20s57	0s40	6s46	1s45	6s54	14s46	10n11	9n40	28s22		n.a.	
S 2	21 4	0n52	1 46	19 4	0n 7	23 1	0 40	24 24	1 2	24 7	0 27	23 37	0 9	20 58	0 40	6 45	1 45	6 54	14 46	10 12	9 38	28 22		n.a.	
M 3	21 15	7 16	0 35	19 45	0 17	23 13	0 42	24 27	1 2	24 7	0 28	23 37	0 9	20 58	0 40	6 45	1 46	6 54	14 46	10 12	9 37	28 21		n.a.	
T 4	21 25	13 32	0n41	20 25	0 28	23 25	0 44	24 30	1 3	24 8	0 28	23 37	0 9	20 58	0 40	6 45	1 46	6 53	14 46	10 12	9 36	28 21		n.a.	
W 5	21 36	19 17	1 56	21 3	0 38	23 36	0 46	24 33	1 3	24 8	0 28	23 37	0 9	20 58	0 41	6 45	1 46	6 53	14 47	10 11	9 35	28 21		n.a.	
T 6	21 45	24 1	3 5	21 39	0 47	23 47	0 48	24 36	1 3	24 9	0 28	23 37	0 9	20 59	0 41	6 44	1 46	6 53	14 47	10 10	9 34	28 20		n.a.	
F 7	21 55	27 13	4 3	22 13	0 56	23 56	0 50	24 38	1 3	24 9	0 28	23 37	0 9	20 59	0 41	6 44	1 46	6 53	14 47	10 8	9 33	28 20		n.a.	
S 8	22 4	28 28	4 44	22 45	1 5	24 5	0 52	24 40	1 3	24 10	0 29	23 37	0 9	20 59	0 41	6 44	1 46	6 53	14 47	10 6	9 31	28 20		n.a.	
S 9	22 13	27 37	5 5	23 14	1 13	24 14	0 54	24 42	1 4	24 10	0 29	23 38	0 9	21 0	0 41	6 44	1 46	6 53	14 47	10 4	9 30	28 19		n.a.	
M10	22 21	24 48	5 6	23 41	1 20	24 21	0 56	24 44	1 4	24 10	0 29	23 38	0 9	21 0	0 41	6 44	1 46	6 53	14 48	10 2	9 29	28 19		n.a.	
T 11	22 30	20 27	4 47	24 5	1 26	24 28	0 58	24 46	1 4	24 11	0 29	23 38	0 8	21 0	0 41	6 43	1 46	6 52	14 48	10 0	9 28	28 18		n.a.	
W12	22 37	15 4	4 11	24 26	1 32	24 34	1 0	24 47	1 4	24 11	0 29	23 38	0 8	21 0	0 41	6 43	1 46	6 52	14 48	9 59	9 27	28 18		n.a.	
T 13	22 44	9 4	3 21	24 45	1 37	24 40	1 2	24 48	1 4	24 12	0 30	23 38	0 8	21 1	0 41	6 43	1 46	6 52	14 48	9 59	9 25	28 18		n.a.	
F 14	22 51	2 49	2 21	25 0	1 41	24 45	1 3	24 49	1 5	24 12	0 30	23 38	0 8	21 1	0 41	6 43	1 46	6 52	14 49	9 59	9 24	28 17		n.a.	
S 15	22 58	3s23	1 16	25 13	1 45	24 49	1 5	24 50	1 5	24 12	0 30	23 38	0 8	21 1	0 41	6 43	1 46	6 52	14 49	10 0	9 23	28 17		n.a.	
S 16	23 4	9 20	0 8	25 23	1 47	24 52	1 7	24 51	1 5	24 13	0 30	23 38	0 8	21 2	0 41	6 43	1 46	6 52	14 49	10 0	9 22	28 16		n.a.	
M17	23 10	14 49	0s59	25 31	1 50	24 54	1 8	24 51	1 5	24 13	0 30	23 38	0 8	21 2	0 41	6 43	1 46	6 52	14 49	10 0	9 21	28 16		n.a.	
T 18	23 15	19 37	2 2	25 36	1 51	24 56	1 10	24 51	1 5	24 14	0 30	23 38	0 8	21 3	0 41	6 43	1 46	6 52	14 50	9 59	9 19	28 16		n.a.	
W19	23 20	23 33	2 58	25 38	1 52	24 57	1 11	24 52	1 5	24 14	0 31	23 38	0 8	21 3	0 41	6 43	1 47	6 52	14 50	9 57	9 18	28 15		n.a.	
T 20	23 24	26 25	3 46	25 38	1 52	24 57	1 13	24 51	1 6	24 14	0 31	23 38	0 8	21 3	0 41	6 42	1 47	6 52	14 50	9 54	9 17	28 15		n.a.	
F 21	23 28	28 4	4 23	25 35	1 52	24 57	1 14	24 51	1 6	24 15	0 31	23 38	0 8	21 4	0 41	6 42	1 47	6 52	14 50	9 51	9 16	28 14		n.a.	
S 22	23 32	28 24	4 49	25 31	1 51	24 55	1 16	24 51	1 6	24 15	0 31	23 38	0 8	21 4	0 41	6 42	1 47	6 52	14 50	9 47	9 15	28 14		n.a.	
S 23	23 35	27 25	5 2	25 24	1 49	24 53	1 17	24 50	1 6	24 15	0 31	23 39	0 7	21 4	0 41	6 42	1 47	6 52	14 51	9 43	9 14	28 13		n.a.	
M24	23 38	25 11	5 2	25 15	1 47	24 51	1 18	24 49	1 6	24 16	0 32	23 39	0 7	21 5	0 41	6 42	1 47	6 52	14 51	9 39	9 12	28 13		n.a.	
T 25	23 40	21 52	4 49	25 4	1 44	24 47	1 19	24 48	1 6	24 16	0 32	23 39	0 7	21 5	0 41	6 42	1 47	6 52	14 51	9 36	9 11	28 12		n.a.	
W26	23 42	17 38	4 23	24 52	1 41	24 43	1 21	24 47	1 7	24 17	0 32	23 39	0 7	21 6	0 41	6 42	1 47	6 52	14 52	9 33	9 10	28 12		n.a.	
T 27	23 44	12 39	3 45	24 37	1 37	24 38	1 22	24 45	1 7	24 17	0 32	23 39	0 7	21 6	0 41	6 42	1 47	6 52	14 52	9 32	9 9	28 11		n.a.	
F 28	23 45	7 5	2 56	24 22	1 33	24 32	1 23	24 44	1 7	24 17	0 32	23 39	0 7	21 7	0 41	6 43	1 47	6 52	14 52	9 31	9 8	28 11		n.a.	
S 29	23 46	1 7	1 57	24 4	1 28	24 25	1 24	24 42	1 7	24 17	0 32	23 39	0 7	21 7	0 41	6 43	1 47	6 52	14 52	9 31	9 6	28 10		n.a.	
S 30	23n46	5n 4	0s51	23n45	1n23	24n18	1n25	24n40	1n 7	24s18	0s33	23s39	0n 7	21s 7	0s41	6s43	1s47	6s52	14s53	9n31	9n 5	28s10		n.a.	

Julian Day Number = 1501693.5, Delta T = 05h06m22s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'55, Lahiri = -12°15'54 Julian Calendar 1 June 602 BCE == Greg. Calendar 25 May 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

JULY 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 7 16	0♋43'18	28♈ 3	20♋48	16♋19	8♋13	1°R59	28°R20	29°R52	17°R20	17♈15	24°R13	23♈ 1	13♑ 8	n.a.	M 1
T 2	18 11 13	1°40'44	11♉56	22°24	17°33	8°51	1♑51	28♐16	29♑50	17♓20	17°15	24♈12	22°58	13°15	n.a.	T 2
W 3	18 15 9	2°38'11	26°17	23°59	18°47	9°29	1°43	28°11	29°47	17°20	17°16	24° 9	22°54	13°22	n.a.	W 3
T 4	18 19 6	3°35'39	11♊ 4	25°32	20° 1	10° 8	1°35	28° 7	29°45	17°20	17°16	24° 3	22°51	13°29	n.a.	T 4
F 5	18 23 2	4°33'09	26°11	27° 3	21°15	10°46	1°27	28° 2	29°43	17°19	17°17	23°55	22°48	13°35	n.a.	F 5
S 6	18 26 59	5°30'40	11♋28	28°33	22°28	11°24	1°20	27°58	29°41	17°19	17°17	23°45	22°45	13°42	n.a.	S 6
S 7	18 30 56	6°28'13	26°45	0♌ 1	23°42	12° 2	1°12	27°53	29°39	17°19	17°17	23°35	22°42	13°49	n.a.	S 7
M 8	18 34 52	7°25'46	11♌49	1°28	24°56	12°40	1° 4	27°49	29°37	17°19	17°18	23°26	22°39	13°56	n.a.	M 8
T 9	18 38 49	8°23'21	26°34	2°52	26°10	13°18	0°56	27°45	29°35	17°18	17°18	23°18	22°35	14° 2	n.a.	T 9
W10	18 42 45	9°20'56	10♍51	4°15	27°24	13°57	0°49	27°40	29°33	17°18	17°18	23°13	22°32	14° 9	n.a.	W10
T 11	18 46 42	10°18'33	24°41	5°36	28°37	14°35	0°41	27°36	29°30	17°18	17°19	23°11	22°29	14°16	n.a.	T 11
F 12	18 50 38	11°16'11	8♎ 2	6°55	29°51	15°13	0°34	27°32	29°28	17°17	17°19	23°D10	22°26	14°22	n.a.	F 12
S 13	18 54 35	12°13'49	21° 0	8°13	1♏ 5	15°51	0°26	27°28	29°26	17°17	17°19	23°R10	22°23	14°29	n.a.	S 13
S 14	18 58 31	13°11'29	3♏37	9°28	2°19	16°29	0°19	27°23	29°24	17°16	17°20	23°10	22°20	14°36	n.a.	S 14
M15	19 2 28	14° 9'11	15°57	10°42	3°33	17° 8	0°11	27°19	29°21	17°16	17°20	23° 8	22°16	14°43	n.a.	M15
T 16	19 6 25	15° 6'53	28° 6	11°53	4°46	17°46	0° 4	27°15	29°19	17°15	17°20	23° 4	22°13	14°49	n.a.	T 16
W17	19 10 21	16° 4'37	10♐ 7	13° 2	6° 0	18°24	29♐57	27°11	29°17	17°14	17°20	22°57	22°10	14°56	n.a.	W17
T 18	19 14 18	17° 2'22	22° 3	14° 9	7°14	19° 2	29°50	27° 7	29°15	17°14	17°20	22°47	22° 7	15° 3	n.a.	T 18
F 19	19 18 14	18° 0'09	3♑57	15°14	8°28	19°40	29°43	27° 3	29°12	17°13	17°20	22°35	22° 4	15° 9	n.a.	F 19
S 20	19 22 11	18°57'57	15°49	16°16	9°41	20°19	29°36	26°59	29°10	17°13	17°21	22°22	22° 0	15°16	n.a.	S 20
S 21	19 26 7	19°55'47	27°42	17°16	10°55	20°57	29°29	26°55	29° 8	17°12	17°21	22° 8	21°57	15°23	n.a.	S 21
M22	19 30 4	20°53'39	9♒38	18°13	12° 9	21°35	29°22	26°51	29° 5	17°11	17°21	21°54	21°54	15°30	n.a.	M22
T 23	19 34 0	21°51'32	21°36	19° 7	13°23	22°13	29°15	26°47	29° 3	17°10	17°21	21°43	21°51	15°36	n.a.	T 23
W24	19 37 57	22°49'27	3♓41	19°58	14°36	22°52	29° 9	26°43	29° 0	17° 9	17°21	21°33	21°48	15°43	n.a.	W24
T 25	19 41 54	23°47'24	15°53	20°46	15°50	23°30	29° 2	26°40	28°58	17° 9	17°R21	21°27	21°45	15°50	n.a.	T 25
F 26	19 45 50	24°45'23	28°15	21°30	17° 4	24° 8	28°56	26°36	28°56	17° 8	17°21	21°23	21°41	15°57	n.a.	F 26
S 27	19 49 47	25°43'23	10♈53	22°11	18°17	24°47	28°50	26°32	28°53	17° 7	17°21	21°22	21°38	16° 3	n.a.	S 27
S 28	19 53 43	26°41'26	23°49	22°48	19°31	25°25	28°44	26°29	28°51	17° 6	17°21	21°22	21°35	16°10	n.a.	S 28
M29	19 57 40	27°39'31	7♉ 7	23°21	20°45	26° 3	28°38	26°25	28°48	17° 5	17°21	21°22	21°32	16°17	n.a.	M29
T 30	20 1 36	28°37'38	20°51	23°50	21°58	26°42	28°32	26°22	28°46	17° 4	17°21	21°20	21°29	16°23	n.a.	T 30
W31	20 5 33	29♋35'47	5♊ 2	24♌14	23♌12	27♋20	28♐26	26♐19	28♑44	17♓ 3	17♈21	21♈17	21♈26	16♑30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23n46	11n15	0n20	23n25	1n18	24n10	1n25	24n38	1n 7	24s18	0s33	23s39	0n 7	21s 8	0s41	6s43	1s47	6s52	14s53	9n31	9n 4	28s 9			n.a.
T 2	23 46	17 5	1 33	23 4	1 12	24 2	1 26	24 35	1 7	24 18	0 33	23 39	0 7	21 8	0 41	6 43	1 47	6 52	14 53	9 31	9 3	28 9			n.a.
W 3	23 45	22 12	2 41	22 41	1 6	23 52	1 27	24 33	1 7	24 19	0 33	23 39	0 7	21 9	0 41	6 43	1 47	6 52	14 53	9 29	9 2	28 8			n.a.
T 4	23 43	26 4	3 41	22 18	0 59	23 42	1 28	24 30	1 8	24 19	0 33	23 39	0 6	21 9	0 41	6 43	1 48	6 52	14 54	9 27	9 0	28 8			n.a.
F 5	23 41	28 10	4 27	21 53	0 52	23 31	1 28	24 27	1 8	24 19	0 33	23 39	0 6	21 10	0 41	6 43	1 48	6 52	14 54	9 24	8 59	28 7			n.a.
S 6	23 39	28 10	4 55	21 28	0 45	23 20	1 29	24 24	1 8	24 19	0 33	23 39	0 6	21 10	0 41	6 43	1 48	6 52	14 54	9 21	8 58	28 6			n.a.
S 7	23 37	26 1	5 1	21 2	0 37	23 7	1 29	24 21	1 8	24 20	0 34	23 39	0 6	21 11	0 41	6 44	1 48	6 52	14 54	9 17	8 57	28 6			n.a.
M 8	23 34	22 3	4 46	20 35	0 29	22 54	1 30	24 17	1 8	24 20	0 34	23 39	0 6	21 11	0 41	6 44	1 48	6 53	14 55	9 13	8 56	28 5			n.a.
T 9	23 30	16 47	4 13	20 8	0 21	22 41	1 30	24 13	1 8	24 20	0 34	23 39	0 6	21 12	0 41	6 44	1 48	6 53	14 55	9 11	8 54	28 5			n.a.
W10	23 26	10 44	3 24	19 40	0 13	22 27	1 30	24 10	1 8	24 20	0 34	23 39	0 6	21 12	0 41	6 44	1 48	6 53	14 55	9 9	8 53	28 4			n.a.
T 11	23 22	4 21	2 25	19 12	0 4	22 12	1 30	24 6	1 8	24 20	0 34	23 39	0 6	21 13	0 41	6 44	1 48	6 53	14 56	9 8	8 52	28 3			n.a.
F 12	23 17	2s 1	1 19	18 43	0s 5	21 56	1 31	24 1	1 8	24 20	0 34	23 39	0 6	21 13	0 41	6 45	1 48	6 53	14 56	9 7	8 51	28 3			n.a.
S 13	23 12	8 8	0 11	18 14	0 14	21 40	1 31	23 57	1 9	24 21	0 34	23 39	0 6	21 14	0 41	6 45	1 48	6 53	14 56	9 7	8 50	28 2			n.a.
S 14	23 6	13 45	0s55	17 45	0 23	21 23	1 31	23 52	1 9	24 21	0 35	23 39	0 5	21 14	0 41	6 45	1 48	6 53	14 56	9 7	8 48	28 1			n.a.
M15	23 0	18 43	1 57	17 16	0 33	21 6	1 31	23 48	1 9	24 21	0 35	23 39	0 5	21 15	0 42	6 45	1 48	6 54	14 57	9 7	8 47	28 1			n.a.
T 16	22 54	22 49	2 53	16 47	0 43	20 48	1 30	23 43	1 9	24 21	0 35	23 39	0 5	21 15	0 42	6 46	1 48	6 54	14 57	9 5	8 46	28 0			n.a.
W17	22 47	25 55	3 41	16 18	0 53	20 29	1 30	23 37	1 9	24 21	0 35	23 39	0 5	21 16	0 42	6 46	1 48	6 54	14 57	9 3	8 45	27 59			n.a.
T 18	22 40	27 49	4 18	15 49	1 3	20 10	1 30	23 32	1 9	24 21	0 35	23 39	0 5	21 16	0 42	6 46	1 48	6 54	14 58	8 59	8 44	27 59			n.a.
F 19	22 32	28 26	4 44	15 20	1 13	19 50	1 30	23 27	1 9	24 21	0 35	23 39	0 5	21 17	0 42	6 47	1 48	6 54	14 58	8 54	8 42	27 58			n.a.
S 20	22 24	27 44	4 57	14 52	1 23	19 30	1 29	23 21	1 9	24 21	0 35	23 39	0 5	21 17	0 42	6 47	1 49	6 55	14 58	8 49	8 41	27 57			n.a.
S 21	22 16	25 46	4 58	14 24	1 33	19 9	1 29	23 15	1 9	24 22	0 35	23 39	0 5	21 18	0 42	6 47	1 49	6 55	14 58	8 44	8 40	27 57			n.a.
M22	22 7	22 40	4 45	13 56	1 44	18 48	1 28	23 9	1 9	24 22	0 36	23 39	0 5	21 18	0 42	6 48	1 49	6 55	14 59	8 39	8 39	27 56			n.a.
T 23	21 58	18 35	4 20	13 29	1 54	18 26	1 27	23 3	1 9	24 22	0 36	23 39	0 5	21 19	0 42	6 48	1 49	6 55	14 59	8 34	8 38	27 55			n.a.
W24	21 49	13 45	3 43	13 3	2 5	18 3	1 27	22 57	1 9	24 22	0 36	23 39	0 5	21 19	0 42	6 48	1 49	6 56	14 59	8 31	8 36	27 55			n.a.
T 25	21 39	8 20	2 55	12 38	2 15	17 41	1 26	22 50	1 10	24 22	0 36	23 39	0 4	21 20	0 42	6 49	1 49	6 56	15 0	8 29	8 35	27 54			n.a.
F 26	21 28	2 31	1 59	12 14	2 26	17 17	1 25	22 43	1 10	24 22	0 36	23 39	0 4	21 20	0 42	6 49	1 49	6 56	15 0	8 27	8 34	27 53			n.a.
S 27	21 18	3n31	0 55	11 51	2 36	16 53	1 24	22 36	1 10	24 22	0 36	23 39	0 4	21 21	0 42	6 49	1 49	6 56	15 0	8 27	8 33	27 52			n.a.
S 28	21 6	9 34	0n13	11 29	2 46	16 29	1 23	22 29	1 10	24 22	0 36	23 39	0 4	21 21	0 42	6 50	1 49	6 57	15 0	8 27	8 32	27 52			n.a.
M29	20 55	15 22	1 22	11 9	2 56	16 4	1 22	22 22	1 10	24 22	0 36	23 39	0 4	21 22	0 42	6 50	1 49	6 57	15 1	8 26	8 30	27 51			n.a.
T 30	20 43	20 36	2 29	10 51	3 6	15 39	1 21	22 15	1 10	24 22	0 36	23 39	0 4	21 22	0 42	6 51	1 49	6 57	15 1	8 26	8 29	27 50			n.a.
W31	20n31	24n51	3n29	10n34	3s15	15n13	1n20	22n 7	1n10	24s22	0s36	23s39	0n 4	21s23	0s42	6s51	1s49	6s57	15s 1	8n25	8n28	27s49			n.a.

Julian Day Number = 1501723.5, Delta T = 05h06m21s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'51, Lahiri = -12°15'50 Julian Calendar 1 July 602 BCE == Greg. Calendar 24 June 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

AUGUST 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 9 29	0♌33'59	19♊39	24♌33	24♌26	27♋58	28°R21	26°R15	28°R41	17°R 2	17°R20	21°R11	21♈22	16♉37	n.a.	T 1
F 2	20 13 26	1°32'12	4♋38	24°47	25°39	28°37	28♐15	26♐12	28♉39	17♓ 1	17♈20	21♈ 2	21°19	16°44	n.a.	F 2
S 3	20 17 23	2°30'28	19°52	24°55	26°53	29°15	28°10	26° 9	28°37	17° 0	17°20	20°52	21°16	16°50	n.a.	S 3
S 4	20 21 19	3°28'45	5♌ 8	24°R58	28° 7	29°54	28° 5	26° 6	28°34	16°59	17°20	20°41	21°13	16°57	n.a.	S 4
M 5	20 25 16	4°27'05	20°17	24°55	29°20	0♌32	28° 0	26° 3	28°32	16°58	17°20	20°31	21°10	17° 4	n.a.	M 5
T 6	20 29 12	5°25'26	5♍ 8	24°45	0♍34	1°11	27°55	26° 0	28°29	16°57	17°19	20°23	21° 6	17°11	n.a.	T 6
W 7	20 33 9	6°23'48	19°34	24°29	1°48	1°49	27°51	25°57	28°27	16°55	17°19	20°17	21° 3	17°17	n.a.	W 7
T 8	20 37 5	7°22'13	3♎31	24° 6	3° 1	2°27	27°46	25°54	28°25	16°54	17°19	20°14	21° 0	17°24	n.a.	T 8
F 9	20 41 2	8°20'39	16°58	23°37	4°15	3° 6	27°42	25°51	28°22	16°53	17°19	20°D13	20°57	17°31	n.a.	F 9
S 10	20 44 58	9°19'07	29°59	23° 1	5°28	3°44	27°38	25°49	28°20	16°52	17°18	20°13	20°54	17°37	n.a.	S 10
S 11	20 48 55	10°17'37	12♏37	22°19	6°42	4°23	27°34	25°46	28°18	16°51	17°18	20°R14	20°51	17°44	n.a.	S 11
M12	20 52 52	11°16'09	24°57	21°31	7°56	5° 1	27°31	25°44	28°15	16°49	17°18	20°13	20°47	17°51	n.a.	M12
T 13	20 56 48	12°14'42	7♐ 3	20°37	9° 9	5°40	27°27	25°41	28°13	16°48	17°17	20°10	20°44	17°58	n.a.	T 13
W14	21 0 45	13°13'17	19° 1	19°40	10°23	6°19	27°24	25°39	28°11	16°47	17°17	20° 4	20°41	18° 4	n.a.	W14
T 15	21 4 41	14°11'54	0♑54	18°39	11°36	6°57	27°20	25°37	28° 8	16°45	17°16	19°56	20°38	18°11	n.a.	T 15
F 16	21 8 38	15°10'33	12°46	17°35	12°50	7°36	27°17	25°35	28° 6	16°44	17°16	19°46	20°35	18°18	n.a.	F 16
S 17	21 12 34	16° 9'14	24°39	16°31	14° 3	8°14	27°15	25°33	28° 4	16°43	17°16	19°35	20°32	18°25	n.a.	S 17
S 18	21 16 31	17° 7'57	6♒35	15°28	15°17	8°53	27°12	25°31	28° 2	16°41	17°15	19°23	20°28	18°31	n.a.	S 18
M19	21 20 27	18° 6'42	18°37	14°27	16°30	9°31	27°10	25°29	27°59	16°40	17°15	19°11	20°25	18°38	n.a.	M19
T 20	21 24 24	19° 5'29	0♓44	13°30	17°43	10°10	27° 7	25°27	27°57	16°38	17°14	19° 1	20°22	18°45	n.a.	T 20
W21	21 28 21	20° 4'18	12°59	12°39	18°57	10°49	27° 5	25°26	27°55	16°37	17°14	18°53	20°19	18°51	n.a.	W21
T 22	21 32 17	21° 3'09	25°22	11°54	20°10	11°27	27° 4	25°24	27°53	16°35	17°13	18°48	20°16	18°58	n.a.	T 22
F 23	21 36 14	22° 2'02	7♈55	11°17	21°23	12° 6	27° 2	25°23	27°51	16°34	17°12	18°46	20°12	19° 5	n.a.	F 23
S 24	21 40 10	23° 0'58	20°41	10°49	22°37	12°45	27° 0	25°21	27°49	16°32	17°12	18°D45	20° 9	19°12	n.a.	S 24
S 25	21 44 7	23°59'56	3♉42	10°30	23°50	13°23	26°59	25°20	27°47	16°31	17°11	18°46	20° 6	19°18	n.a.	S 25
M26	21 48 3	24°58'57	17° 0	10°D22	25° 3	14° 2	26°58	25°19	27°45	16°29	17°11	18°47	20° 3	19°25	n.a.	M26
T 27	21 52 0	25°58'00	0♊39	10°24	26°17	14°41	26°57	25°18	27°43	16°28	17°10	18°R47	20° 0	19°32	n.a.	T 27
W28	21 55 56	26°57'06	14°39	10°36	27°30	15°20	26°56	25°17	27°41	16°26	17° 9	18°45	19°57	19°38	n.a.	W28
T 29	21 59 53	27°56'15	29° 1	10°58	28°43	15°59	26°56	25°16	27°39	16°25	17° 9	18°42	19°53	19°45	n.a.	T 29
F 30	22 3 49	28°55'25	13♋42	11°29	29°56	16°37	26°56	25°15	27°37	16°23	17° 8	18°36	19°50	19°52	n.a.	F 30
S 31	22 7 46	29♌54'38	28♋36	12♌10	1♎10	17♌16	26°D56	25♐14	27♉35	16♓22	17♈ 7	18♈29	19♈47	19♉59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n18	27n38	4n17	10n19	3s24	14n47	1n19	22n 0	1n10	24s22	0s36	23s39	0n 4	21s23	0s42	6s52	1s49	6s58	15s 2	8n22	8n27	27s48			n.a.
F 2	20 6	28 30	4 49	10 6	3 33	14 21	1 17	21 52	1 10	24 22	0 36	23 39	0 4	21 24	0 42	6 52	1 49	6 58	15 2	8 19	8 26	27 48			n.a.
S 3	19 52	27 14	5 1	9 56	3 41	13 54	1 16	21 44	1 10	24 22	0 37	23 39	0 4	21 24	0 42	6 53	1 49	6 58	15 2	8 15	8 24	27 47			n.a.
S 4	19 39	23 57	4 51	9 48	3 48	13 27	1 14	21 36	1 10	24 22	0 37	23 39	0 3	21 25	0 42	6 53	1 49	6 59	15 2	8 11	8 23	27 46			n.a.
M 5	19 25	19 3	4 22	9 43	3 55	13 0	1 13	21 27	1 10	24 22	0 37	23 39	0 3	21 25	0 42	6 54	1 49	6 59	15 3	8 7	8 22	27 45			n.a.
T 6	19 11	13 5	3 34	9 40	4 1	12 32	1 11	21 19	1 10	24 22	0 37	23 39	0 3	21 26	0 42	6 54	1 49	6 59	15 3	8 4	8 21	27 44			n.a.
W 7	18 56	6 33	2 35	9 41	4 5	12 4	1 10	21 10	1 10	24 22	0 37	23 39	0 3	21 26	0 42	6 55	1 50	7 0	15 3	8 2	8 20	27 43			n.a.
T 8	18 41	0s 5	1 27	9 46	4 9	11 35	1 8	21 1	1 10	24 22	0 37	23 39	0 3	21 27	0 42	6 55	1 50	7 0	15 3	8 1	8 18	27 43			n.a.
F 9	18 26	6 30	0 17	9 53	4 11	11 7	1 6	20 52	1 10	24 22	0 37	23 39	0 3	21 27	0 42	6 56	1 50	7 0	15 4	8 0	8 17	27 42			n.a.
S 10	18 10	12 26	0s52	10 4	4 12	10 37	1 4	20 43	1 10	24 22	0 37	23 39	0 3	21 28	0 42	6 56	1 50	7 1	15 4	8 1	8 16	27 41			n.a.
S 11	17 54	17 41	1 56	10 19	4 11	10 8	1 2	20 34	1 10	24 22	0 37	23 39	0 3	21 28	0 42	6 57	1 50	7 1	15 4	8 1	8 15	27 40			n.a.
M12	17 38	22 4	2 53	10 37	4 8	9 39	1 0	20 24	1 10	24 22	0 37	23 39	0 3	21 29	0 42	6 57	1 50	7 2	15 5	8 0	8 14	27 39			n.a.
T 13	17 22	25 26	3 42	10 58	4 4	9 9	0 58	20 15	1 10	24 22	0 37	23 39	0 3	21 29	0 42	6 58	1 50	7 2	15 5	7 59	8 12	27 38			n.a.
W14	17 5	27 37	4 20	11 23	3 57	8 39	0 56	20 5	1 10	24 22	0 37	23 39	0 3	21 29	0 42	6 58	1 50	7 2	15 5	7 57	8 11	27 37			n.a.
T 15	16 48	28 32	4 46	11 50	3 48	8 8	0 54	19 55	1 10	24 22	0 37	23 39	0 2	21 30	0 42	6 59	1 50	7 3	15 5	7 54	8 10	27 36			n.a.
F 16	16 30	28 8	5 0	12 19	3 38	7 38	0 52	19 45	1 10	24 22	0 37	23 39	0 2	21 30	0 42	6 59	1 50	7 3	15 6	7 50	8 9	27 35			n.a.
S 17	16 13	26 25	5 1	12 50	3 25	7 7	0 50	19 35	1 10	24 22	0 37	23 39	0 2	21 31	0 42	7 0	1 50	7 4	15 6	7 46	8 7	27 35			n.a.
S 18	15 55	23 32	4 49	13 23	3 11	6 36	0 47	19 25	1 10	24 22	0 37	23 39	0 2	21 31	0 42	7 1	1 50	7 4	15 6	7 41	8 6	27 34			n.a.
M19	15 37	19 38	4 24	13 56	2 55	6 5	0 45	19 14	1 10	24 22	0 37	23 39	0 2	21 32	0 42	7 1	1 50	7 4	15 6	7 37	8 5	27 33			n.a.
T 20	15 18	14 53	3 47	14 29	2 38	5 34	0 42	19 4	1 10	24 22	0 37	23 39	0 2	21 32	0 42	7 2	1 50	7 5	15 7	7 33	8 4	27 32			n.a.
W21	15 0	9 31	2 59	15 1	2 19	5 3	0 40	18 53	1 10	24 22	0 37	23 40	0 2	21 33	0 42	7 2	1 50	7 5	15 7	7 30	8 3	27 31			n.a.
T 22	14 41	3 43	2 2	15 32	2 0	4 31	0 37	18 42	1 10	24 22	0 38	23 40	0 2	21 33	0 42	7 3	1 50	7 6	15 7	7 28	8 1	27 30			n.a.
F 23	14 21	2n18	0 58	16 1	1 41	4 0	0 35	18 31	1 10	24 22	0 38	23 40	0 2	21 33	0 42	7 4	1 50	7 6	15 7	7 27	8 0	27 29			n.a.
S 24	14 2	8 21	0n10	16 28	1 21	3 28	0 32	18 20	1 10	24 22	0 38	23 40	0 2	21 34	0 42	7 4	1 50	7 6	15 7	7 27	7 59	27 28			n.a.
S 25	13 42	14 10	1 19	16 52	1 1	2 56	0 30	18 9	1 10	24 22	0 38	23 40	0 2	21 34	0 42	7 5	1 50	7 7	15 8	7 27	7 58	27 27			n.a.
M26	13 22	19 28	2 26	17 12	0 42	2 24	0 27	17 58	1 10	24 22	0 38	23 40	0 1	21 35	0 42	7 5	1 50	7 7	15 8	7 27	7 57	27 26			n.a.
T 27	13 2	23 55	3 25	17 30	0 24	1 52	0 24	17 46	1 10	24 22	0 38	23 40	0 1	21 35	0 42	7 6	1 50	7 8	15 8	7 27	7 55	27 25			n.a.
W28	12 42	27 5	4 15	17 43	0 6	1 20	0 21	17 35	1 10	24 22	0 38	23 40	0 1	21 35	0 42	7 7	1 50	7 8	15 8	7 27	7 54	27 24			n.a.
T 29	12 21	28 35	4 49	17 53	0n10	0 48	0 19	17 23	1 10	24 22	0 38	23 40	0 1	21 36	0 41	7 7	1 50	7 9	15 9	7 25	7 53	27 23			n.a.
F 30	12 1	28 7	5 6	17 59	0 26	0 16	0 16	17 11	1 10	24 22	0 38	23 40	0 1	21 36	0 41	7 8	1 50	7 9	15 9	7 23	7 52	27 22			n.a.
S 31	11n40	25n39	5n 2	18n 1	0n40	0s16	0n13	16n59	1n10	24s22	0s38	23s40	0n 1	21s37	0s41	7s 9	1s50	7s10	15s 9	7n21	7n50	27s21			n.a.

Julian Day Number = 1501754.5, Delta T = 05h06m20s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'46, Lahiri = -12°15'46 Julian Calendar 1 Aug. 602 BCE == Greg. Calendar 25 July 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

SEPTEMBER 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 11 43	0♍53'54	13♌36	13♌ 0	2♎23	17♌55	26♐56	25°R14	27°R33	16°R20	17°R 6	18°R22	19♈44	20♉ 5	n.a.	S 1
M 2	22 15 39	1°53'11	28°32	13°57	3°36	18°34	26°56	25♐13	27♉31	16♓18	17♈ 6	18♈15	19°41	20°12	n.a.	M 2
T 3	22 19 36	2°52'31	13♍16	15° 1	4°49	19°13	26°57	25°13	27°29	16°17	17° 5	18° 9	19°38	20°19	n.a.	T 3
W 4	22 23 32	3°51'53	27°39	16°12	6° 2	19°52	26°57	25°12	27°27	16°15	17° 4	18° 5	19°34	20°26	n.a.	W 4
T 5	22 27 29	4°51'17	11♎38	17°29	7°16	20°31	26°58	25°12	27°26	16°13	17° 3	18°D 4	19°31	20°32	n.a.	T 5
F 6	22 31 25	5°50'43	25°10	18°50	8°29	21°10	26°59	25°D12	27°24	16°12	17° 3	18° 4	19°28	20°39	n.a.	F 6
S 7	22 35 22	6°50'10	8♏15	20°16	9°42	21°48	27° 1	25°12	27°22	16°10	17° 2	18° 5	19°25	20°46	n.a.	S 7
S 8	22 39 18	7°49'40	20°58	21°46	10°55	22°27	27° 2	25°12	27°21	16° 9	17° 1	18° 6	19°22	20°52	n.a.	S 8
M 9	22 43 15	8°49'12	3♐21	23°18	12° 8	23° 6	27° 4	25°12	27°19	16° 7	17° 0	18°R 7	19°18	20°59	n.a.	M 9
T 10	22 47 12	9°48'45	15°29	24°53	13°21	23°45	27° 6	25°13	27°17	16° 5	16°59	18° 7	19°15	21° 6	n.a.	T 10
W11	22 51 8	10°48'21	27°27	26°30	14°34	24°24	27° 8	25°13	27°16	16° 4	16°58	18° 6	19°12	21°13	n.a.	W11
T 12	22 55 5	11°47'58	9♉20	28° 9	15°47	25° 3	27°10	25°14	27°14	16° 2	16°57	18° 2	19° 9	21°19	n.a.	T 12
F 13	22 59 1	12°47'37	21°13	29°49	17° 0	25°43	27°13	25°14	27°13	16° 0	16°57	17°58	19° 6	21°26	n.a.	F 13
S 14	23 2 58	13°47'18	3♒ 8	1♍30	18°12	26°22	27°15	25°15	27°11	15°58	16°56	17°52	19° 3	21°33	n.a.	S 14
S 15	23 6 54	14°47'01	15° 8	3°12	19°25	27° 1	27°18	25°16	27°10	15°57	16°55	17°46	18°59	21°40	n.a.	S 15
M16	23 10 51	15°46'46	27°17	4°54	20°38	27°40	27°21	25°17	27° 9	15°55	16°54	17°40	18°56	21°46	n.a.	M16
T 17	23 14 47	16°46'33	9♓36	6°37	21°51	28°19	27°24	25°18	27° 7	15°53	16°53	17°35	18°53	21°53	n.a.	T 17
W18	23 18 44	17°46'22	22° 5	8°20	23° 4	28°58	27°28	25°19	27° 6	15°52	16°52	17°31	18°50	22° 0	n.a.	W18
T 19	23 22 40	18°46'13	4♈45	10° 2	24°16	29°37	27°31	25°20	27° 5	15°50	16°51	17°29	18°47	22° 6	n.a.	T 19
F 20	23 26 37	19°46'07	17°37	11°45	25°29	0♍16	27°35	25°21	27° 4	15°48	16°50	17°D28	18°43	22°13	n.a.	F 20
S 21	23 30 34	20°46'02	0♉42	13°27	26°42	0°56	27°39	25°23	27° 3	15°47	16°49	17°29	18°40	22°20	n.a.	S 21
S 22	23 34 30	21°46'00	13°59	15° 9	27°54	1°35	27°43	25°24	27° 2	15°45	16°48	17°30	18°37	22°27	n.a.	S 22
M23	23 38 27	22°46'00	27°29	16°51	29° 7	2°14	27°48	25°26	27° 0	15°43	16°47	17°32	18°34	22°33	n.a.	M23
T 24	23 42 23	23°46'02	11♊13	18°32	0♏19	2°53	27°52	25°28	26°59	15°42	16°46	17°33	18°31	22°40	n.a.	T 24
W25	23 46 20	24°46'07	25°10	20°13	1°32	3°33	27°57	25°29	26°59	15°40	16°45	17°R33	18°28	22°47	n.a.	W25
T 26	23 50 16	25°46'14	9♋20	21°54	2°44	4°12	28° 2	25°31	26°58	15°38	16°44	17°33	18°24	22°53	n.a.	T 26
F 27	23 54 13	26°46'23	23°42	23°34	3°57	4°51	28° 7	25°33	26°57	15°37	16°43	17°31	18°21	23° 0	n.a.	F 27
S 28	23 58 9	27°46'35	8♌11	25°14	5° 9	5°31	28°12	25°35	26°56	15°35	16°42	17°29	18°18	23° 7	n.a.	S 28
S 29	0 2 6	28°46'49	22°44	26°53	6°22	6°10	28°18	25°38	26°55	15°33	16°41	17°26	18°15	23°14	n.a.	S 29
M30	0 6 3	29♍47'04	7♍14	28♍32	7♏34	6♍50	28♐23	25♐40	26♉54	15♓32	16♈40	17♈24	18♈12	23♉20	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n18	21n24	4n38	18n 0	0n53	0s48	0n10	16n47	1n10	24s22	0s38	23s40	0n 1	21s37	0s41	7s 9	1s50	7s10	15s 9	7n18	7n49	27s20		n.a.
M 2	10 57	15 48	3 55	17 54	1 5	1 21	0 7	16 35	1 10	24 22	0 38	23 40	0 1	21 37	0 41	7 10	1 50	7 11	15 9	7 15	7 48	27 19		n.a.
T 3	10 35	9 23	2 57	17 45	1 15	1 53	0 4	16 22	1 10	24 22	0 38	23 40	0 1	21 38	0 41	7 11	1 50	7 11	15 10	7 13	7 47	27 18		n.a.
W 4	10 14	2 36	1 48	17 32	1 24	2 25	0 1	16 10	1 10	24 22	0 38	23 40	0 1	21 38	0 41	7 11	1 50	7 12	15 10	7 11	7 46	27 17		n.a.
T 5	9 52	4s 8	0 35	17 16	1 32	2 57	0s 2	15 57	1 10	24 22	0 38	23 40	0 1	21 38	0 41	7 12	1 50	7 12	15 10	7 11	7 44	27 15		n.a.
F 6	9 30	10 28	0s38	16 57	1 39	3 29	0 5	15 44	1 10	24 22	0 38	23 40	0 0	21 39	0 41	7 13	1 50	7 12	15 10	7 11	7 43	27 14		n.a.
S 7	9 7	16 9	1 47	16 35	1 45	4 1	0 8	15 32	1 10	24 22	0 38	23 41	0 0	21 39	0 41	7 13	1 51	7 13	15 10	7 11	7 42	27 13		n.a.
S 8	8 45	20 57	2 49	16 10	1 49	4 33	0 11	15 19	1 10	24 22	0 38	23 41	0 0	21 39	0 41	7 14	1 51	7 13	15 11	7 12	7 41	27 12		n.a.
M 9	8 22	24 44	3 41	15 42	1 53	5 5	0 14	15 6	1 9	24 22	0 38	23 41	0 0	21 40	0 41	7 15	1 51	7 14	15 11	7 12	7 40	27 11		n.a.
T 10	8 0	27 18	4 22	15 12	1 55	5 36	0 17	14 53	1 9	24 22	0 38	23 41	0 0	21 40	0 41	7 15	1 51	7 14	15 11	7 12	7 38	27 10		n.a.
W11	7 37	28 36	4 51	14 41	1 57	6 8	0 21	14 39	1 9	24 22	0 38	23 41	0 0	21 40	0 41	7 16	1 51	7 15	15 11	7 12	7 37	27 9		n.a.
T 12	7 14	28 32	5 7	14 7	1 57	6 39	0 24	14 26	1 9	24 22	0 38	23 41	0s 0	21 40	0 41	7 17	1 51	7 15	15 11	7 10	7 36	27 8		n.a.
F 13	6 51	27 10	5 10	13 31	1 57	7 11	0 27	14 13	1 9	24 22	0 38	23 41	0 0	21 41	0 41	7 17	1 51	7 16	15 11	7 8	7 35	27 7		n.a.
S 14	6 28	24 35	5 0	12 54	1 57	7 42	0 30	13 59	1 9	24 22	0 38	23 41	0 0	21 41	0 41	7 18	1 51	7 16	15 12	7 6	7 33	27 5		n.a.
S 15	6 4	20 55	4 36	12 16	1 55	8 13	0 33	13 45	1 9	24 22	0 38	23 41	0 0	21 41	0 41	7 19	1 51	7 17	15 12	7 4	7 32	27 4		n.a.
M16	5 41	16 20	4 0	11 36	1 53	8 44	0 37	13 32	1 9	24 23	0 38	23 41	0 0	21 41	0 41	7 19	1 51	7 17	15 12	7 2	7 31	27 3		n.a.
T 17	5 17	11 2	3 12	10 55	1 51	9 14	0 40	13 18	1 9	24 23	0 38	23 42	0 0	21 42	0 41	7 20	1 51	7 18	15 12	7 0	7 30	27 2		n.a.
W18	4 54	5 14	2 14	10 14	1 48	9 45	0 43	13 4	1 9	24 23	0 38	23 42	0 1	21 42	0 41	7 21	1 51	7 18	15 12	6 58	7 29	27 1		n.a.
T 19	4 30	0n52	1 9	9 31	1 45	10 15	0 46	12 50	1 9	24 23	0 38	23 42	0 1	21 42	0 41	7 21	1 51	7 19	15 12	6 57	7 27	27 0		n.a.
F 20	4 6	7 1	0n 1	8 48	1 41	10 45	0 49	12 36	1 8	24 23	0 38	23 42	0 1	21 42	0 41	7 22	1 51	7 19	15 12	6 57	7 26	26 58		n.a.
S 21	3 42	13 0	1 12	8 5	1 37	11 15	0 53	12 22	1 8	24 23	0 38	23 42	0 1	21 43	0 41	7 23	1 51	7 20	15 12	6 57	7 25	26 57		n.a.
S 22	3 19	18 29	2 20	7 20	1 32	11 44	0 56	12 7	1 8	24 23	0 38	23 42	0 1	21 43	0 41	7 23	1 51	7 20	15 13	6 58	7 24	26 56		n.a.
M23	2 55	23 9	3 22	6 36	1 27	12 13	0 59	11 53	1 8	24 23	0 38	23 42	0 1	21 43	0 41	7 24	1 51	7 21	15 13	6 58	7 22	26 55		n.a.
T 24	2 30	26 37	4 14	5 51	1 22	12 42	1 2	11 38	1 8	24 23	0 38	23 43	0 1	21 43	0 41	7 25	1 51	7 21	15 13	6 59	7 21	26 54		n.a.
W25	2 6	28 32	4 51	5 6	1 17	13 11	1 5	11 24	1 8	24 23	0 38	23 43	0 1	21 43	0 41	7 25	1 51	7 22	15 13	6 59	7 20	26 52		n.a.
T 26	1 42	28 37	5 11	4 21	1 12	13 39	1 8	11 9	1 8	24 23	0 38	23 43	0 1	21 43	0 41	7 26	1 51	7 22	15 13	6 59	7 19	26 51		n.a.
F 27	1 18	26 47	5 13	3 36	1 6	14 7	1 11	10 55	1 8	24 23	0 38	23 43	0 1	21 44	0 41	7 27	1 51	7 23	15 13	6 58	7 18	26 50		n.a.
S 28	0 54	23 12	4 54	2 50	1 0	14 35	1 14	10 40	1 8	24 23	0 38	23 43	0 1	21 44	0 41	7 27	1 51	7 23	15 13	6 57	7 16	26 49		n.a.
S 29	0 30	18 10	4 17	2 5	0 54	15 3	1 18	10 25	1 7	24 24	0 38	23 43	0 1	21 44	0 41	7 28	1 51	7 23	15 13	6 56	7 15	26 47		n.a.
M30	0n 5	12n 7	3n24	1n19	0n48	15s30	1s21	10n10	1n 7	24s24	0s38	23s43	0s 2	21s44	0s41	7s28	1s51	7s24	15s13	6n55	7n14	26s46		n.a.

Julian Day Number = 1501785.5, Delta T = 05h06m18s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'42, Lahiri = -12°15'42 Julian Calendar 1 Sept. 602 BCE == Greg. Calendar 25 Aug. 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

OCTOBER 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 9 59	0♎47'22	21♍35	0♎10	8♏46	7♍29	28♐29	25♐42	26°R54	15°R30	16°R38	17°R22	18♈ 9	23♉27	n.a.	T 1
W 2	0 13 56	1°47'41	5♎43	1°48	9°58	8° 8	28°35	25°45	26♉53	15♓29	16♈37	17♈21	18° 5	23°34	n.a.	W 2
T 3	0 17 52	2°48'03	19°31	3°25	11°11	8°48	28°41	25°47	26°53	15°27	16°36	17°D21	18° 2	23°41	n.a.	T 3
F 4	0 21 49	3°48'26	2♏59	5° 2	12°23	9°27	28°47	25°50	26°52	15°25	16°35	17°21	17°59	23°47	n.a.	F 4
S 5	0 25 45	4°48'51	16° 5	6°39	13°35	10° 7	28°54	25°53	26°52	15°24	16°34	17°22	17°56	23°54	n.a.	S 5
S 6	0 29 42	5°49'18	28°49	8°15	14°47	10°46	29° 0	25°56	26°51	15°22	16°33	17°23	17°53	24° 1	n.a.	S 6
M 7	0 33 38	6°49'46	11♐15	9°51	15°59	11°26	29° 7	25°59	26°51	15°21	16°32	17°24	17°49	24° 7	n.a.	M 7
T 8	0 37 35	7°50'16	23°26	11°26	17°11	12° 6	29°14	26° 2	26°51	15°19	16°31	17°25	17°46	24°14	n.a.	T 8
W 9	0 41 32	8°50'47	5♉27	13° 1	18°23	12°45	29°21	26° 5	26°50	15°18	16°30	17°R25	17°43	24°21	n.a.	W 9
T 10	0 45 28	9°51'20	17°21	14°36	19°35	13°25	29°28	26° 8	26°50	15°16	16°29	17°25	17°40	24°28	n.a.	T 10
F 11	0 49 25	10°51'54	29°13	16°10	20°47	14° 4	29°36	26°12	26°50	15°15	16°27	17°25	17°37	24°34	n.a.	F 11
S 12	0 53 21	11°52'29	11♒ 9	17°45	21°58	14°44	29°43	26°15	26°50	15°13	16°26	17°24	17°34	24°41	n.a.	S 12
S 13	0 57 18	12°53'06	23°12	19°18	23°10	15°24	29°51	26°18	26°50	15°12	16°25	17°24	17°30	24°48	n.a.	S 13
M14	1 1 14	13°53'44	5♓26	20°52	24°22	16° 3	29°59	26°22	26°D50	15°10	16°24	17°23	17°27	24°55	n.a.	M14
T 15	1 5 11	14°54'24	17°53	22°25	25°33	16°43	0♉ 7	26°26	26°50	15° 9	16°23	17°23	17°24	25° 1	n.a.	T 15
W16	1 9 7	15°55'05	0♈36	23°58	26°45	17°23	0°15	26°29	26°50	15° 8	16°22	17°23	17°21	25° 8	n.a.	W16
T 17	1 13 4	16°55'47	13°35	25°31	27°56	18° 3	0°23	26°33	26°50	15° 6	16°21	17°22	17°18	25°15	n.a.	T 17
F 18	1 17 0	17°56'31	26°51	27° 4	29° 8	18°42	0°31	26°37	26°50	15° 5	16°19	17°22	17°14	25°21	n.a.	F 18
S 19	1 20 57	18°57'17	10♉21	28°36	0♐19	19°22	0°40	26°41	26°50	15° 3	16°18	17°22	17°11	25°28	n.a.	S 19
S 20	1 24 54	19°58'04	24° 4	0♏ 8	1°30	20° 2	0°49	26°45	26°51	15° 2	16°17	17°22	17° 8	25°35	n.a.	S 20
M21	1 28 50	20°58'52	7♊58	1°40	2°41	20°42	0°57	26°50	26°51	15° 1	16°16	17°22	17° 5	25°42	n.a.	M21
T 22	1 32 47	21°59'43	22° 1	3°12	3°52	21°22	1° 6	26°54	26°51	15° 0	16°15	17°21	17° 2	25°48	n.a.	T 22
W23	1 36 43	23° 0'35	6♋ 9	4°44	5° 3	22° 2	1°15	26°58	26°52	14°58	16°14	17°21	16°59	25°55	n.a.	W23
T 24	1 40 40	24° 1'28	20°19	6°15	6°14	22°41	1°25	27° 3	26°52	14°57	16°13	17°D21	16°55	26° 2	n.a.	T 24
F 25	1 44 36	25° 2'24	4♌31	7°46	7°25	23°21	1°34	27° 7	26°53	14°56	16°12	17°21	16°52	26° 8	n.a.	F 25
S 26	1 48 33	26° 3'20	18°41	9°17	8°36	24° 1	1°44	27°12	26°53	14°55	16°10	17°21	16°49	26°15	n.a.	S 26
S 27	1 52 30	27° 4'18	2♍47	10°48	9°47	24°41	1°53	27°16	26°54	14°54	16° 9	17°22	16°46	26°22	n.a.	S 27
M28	1 56 26	28° 5'18	16°48	12°18	10°57	25°21	2° 3	27°21	26°55	14°52	16° 8	17°23	16°43	26°29	n.a.	M28
T 29	2 0 23	29° 6'19	0♎39	13°48	12° 8	26° 1	2°13	27°26	26°56	14°51	16° 7	17°24	16°40	26°35	n.a.	T 29
W30	2 4 19	0♏ 7'21	14°20	15°18	13°18	26°42	2°23	27°31	26°56	14°50	16° 6	17°R24	16°36	26°42	n.a.	W30
T 31	2 8 16	1♏ 8'24	27♎48	16♏47	14♐28	27♍22	2♉33	27♐36	26♉57	14♓49	16♈ 5	17♈24	16♈33	26♉49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	0s19	5n29	2n17	0n34	0n42	15s56	1s24	9n55	1n 7	24s24	0s38	23s44	0s 2	21s44	0s41	7s29	1s51	7s24	15s13	6n55	7n13	26s45			n.a.
W 2	0 43	1s19	1 4	0s11	0 35	16 22	1 27	9 40	1 7	24 24	0 38	23 44	0 2	21 44	0 41	7 30	1 51	7 25	15 13	6 54	7 11	26 43			n.a.
T 3	1 8	7 56	0s12	0 56	0 29	16 48	1 30	9 25	1 7	24 24	0 38	23 44	0 2	21 44	0 41	7 30	1 51	7 25	15 13	6 54	7 10	26 42			n.a.
F 4	1 32	14 1	1 25	1 41	0 22	17 14	1 32	9 10	1 7	24 24	0 38	23 44	0 2	21 44	0 41	7 31	1 51	7 26	15 14	6 54	7 9	26 41			n.a.
S 5	1 56	19 18	2 32	2 26	0 16	17 39	1 35	8 54	1 7	24 24	0 38	23 44	0 2	21 44	0 41	7 32	1 50	7 26	15 14	6 55	7 8	26 40			n.a.
S 6	2 21	23 35	3 30	3 10	0 9	18 3	1 38	8 39	1 6	24 24	0 38	23 44	0 2	21 44	0 41	7 32	1 50	7 27	15 14	6 55	7 6	26 38			n.a.
M 7	2 45	26 40	4 16	3 54	0 3	18 27	1 41	8 24	1 6	24 24	0 38	23 45	0 2	21 44	0 41	7 33	1 50	7 27	15 14	6 55	7 5	26 37			n.a.
T 8	3 9	28 25	4 49	4 38	0s 4	18 51	1 44	8 8	1 6	24 24	0 38	23 45	0 2	21 44	0 41	7 33	1 50	7 28	15 14	6 56	7 4	26 36			n.a.
W 9	3 33	28 49	5 10	5 22	0 10	19 14	1 46	7 53	1 6	24 24	0 38	23 45	0 2	21 45	0 41	7 34	1 50	7 28	15 14	6 56	7 3	26 34			n.a.
T 10	3 57	27 52	5 17	6 5	0 17	19 37	1 49	7 37	1 6	24 24	0 38	23 45	0 2	21 45	0 41	7 34	1 50	7 28	15 14	6 56	7 2	26 33			n.a.
F 11	4 21	25 39	5 10	6 48	0 23	19 59	1 52	7 21	1 6	24 24	0 38	23 45	0 2	21 45	0 40	7 35	1 50	7 29	15 14	6 56	7 0	26 31			n.a.
S 12	4 45	22 18	4 50	7 31	0 30	20 21	1 54	7 6	1 5	24 24	0 38	23 45	0 2	21 45	0 40	7 36	1 50	7 29	15 14	6 55	6 59	26 30			n.a.
S 13	5 9	18 0	4 17	8 13	0 36	20 42	1 57	6 50	1 5	24 24	0 38	23 46	0 3	21 45	0 40	7 36	1 50	7 30	15 14	6 55	6 58	26 29			n.a.
M14	5 33	12 56	3 32	8 55	0 43	21 3	1 59	6 34	1 5	24 24	0 38	23 46	0 3	21 44	0 40	7 37	1 50	7 30	15 14	6 55	6 57	26 27			n.a.
T 15	5 57	7 15	2 36	9 36	0 49	21 23	2 2	6 18	1 5	24 24	0 38	23 46	0 3	21 44	0 40	7 37	1 50	7 31	15 14	6 55	6 55	26 26			n.a.
W16	6 21	1 9	1 32	10 17	0 55	21 42	2 4	6 2	1 5	24 24	0 38	23 46	0 3	21 44	0 40	7 38	1 50	7 31	15 14	6 55	6 54	26 25			n.a.
T 17	6 44	5n 7	0 21	10 57	1 1	22 1	2 6	5 47	1 4	24 24	0 38	23 46	0 3	21 44	0 40	7 38	1 50	7 31	15 14	6 55	6 53	26 23			n.a.
F 18	7 8	11 18	0n52	11 37	1 7	22 19	2 8	5 31	1 4	24 24	0 38	23 47	0 3	21 44	0 40	7 39	1 50	7 32	15 14	6 55	6 52	26 22			n.a.
S 19	7 31	17 5	2 4	12 16	1 13	22 37	2 10	5 15	1 4	24 24	0 38	23 47	0 3	21 44	0 40	7 39	1 50	7 32	15 14	6 55	6 50	26 20			n.a.
S 20	7 55	22 7	3 10	12 54	1 19	22 54	2 12	4 59	1 4	24 24	0 38	23 47	0 3	21 44	0 40	7 40	1 50	7 33	15 14	6 55	6 49	26 19			n.a.
M21	8 18	25 58	4 5	13 32	1 24	23 11	2 14	4 42	1 4	24 24	0 38	23 47	0 3	21 44	0 40	7 40	1 50	7 33	15 13	6 55	6 48	26 18			n.a.
T 22	8 41	28 17	4 46	14 9	1 30	23 27	2 16	4 26	1 3	24 24	0 38	23 47	0 3	21 44	0 40	7 41	1 50	7 33	15 13	6 54	6 47	26 16			n.a.
W23	9 4	28 48	5 11	14 46	1 35	23 42	2 18	4 10	1 3	24 24	0 38	23 47	0 3	21 44	0 40	7 41	1 50	7 34	15 13	6 54	6 46	26 15			n.a.
T 24	9 27	27 25	5 16	15 22	1 40	23 56	2 20	3 54	1 3	24 24	0 38	23 48	0 3	21 44	0 40	7 42	1 50	7 34	15 13	6 54	6 44	26 13			n.a.
F 25	9 49	24 17	5 3	15 57	1 45	24 10	2 21	3 38	1 3	24 24	0 38	23 48	0 3	21 44	0 40	7 42	1 50	7 34	15 13	6 54	6 43	26 12			n.a.
S 26	10 12	19 43	4 31	16 31	1 50	24 24	2 23	3 21	1 2	24 24	0 38	23 48	0 4	21 43	0 40	7 42	1 50	7 35	15 13	6 54	6 42	26 10			n.a.
S 27	10 34	14 4	3 43	17 4	1 54	24 36	2 24	3 5	1 2	24 23	0 38	23 48	0 4	21 43	0 40	7 43	1 50	7 35	15 13	6 55	6 41	26 9			n.a.
M28	10 56	7 45	2 41	17 37	1 58	24 48	2 26	2 49	1 2	24 23	0 38	23 48	0 4	21 43	0 40	7 43	1 50	7 35	15 13	6 55	6 39	26 7			n.a.
T 29	11 18	1 8	1 31	18 8	2 2	24 59	2 27	2 33	1 2	24 23	0 38	23 48	0 4	21 43	0 40	7 44	1 50	7 36	15 13	6 55	6 38	26 6			n.a.
W30	11 40	5s28	0 17	18 39	2 6	25 10	2 28	2 16	1 1	24 23	0 38	23 49	0 4	21 43	0 40	7 44	1 50	7 36	15 13	6 55	6 37	26 4			n.a.
T 31	12s 2	11s43	0s57	19s 8	2s 9	25s20	2s29	2n 0	1n 1	24s23	0s38	23s49	0s 4	21s42	0s40	7s44	1s50	7s36	15s13	6n55	6n36	26s 3			n.a.

Julian Day Number = 1501815.5, Delta T = 05h06m17s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'38, Lahiri = -12°15'38 Julian Calendar 1 Oct. 602 BCE == Greg. Calendar 24 Sept. 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

NOVEMBER 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 12 12	2♏ 9'29	11♏ 1	18♏16	15♐39	28♍ 2	2♑43	27♐41	26♑58	14°R48	16°R 4	17°R23	16♈30	26♑56	n.a.	F 1
S 2	2 16 9	3°10'34	23°57	19°44	16°49	28°42	2°53	27°46	26°59	14♓47	16♈ 3	17♈21	16°27	27° 2	n.a.	S 2
S 3	2 20 5	4°11'41	6♐37	21°12	17°59	29°22	3° 4	27°51	27° 0	14°46	16° 2	17°19	16°24	27° 9	n.a.	S 3
M 4	2 24 2	5°12'48	19° 2	22°39	19° 9	0♎ 2	3°14	27°56	27° 1	14°45	16° 1	17°16	16°20	27°16	n.a.	M 4
T 5	2 27 59	6°13'56	1♑13	24° 5	20°19	0°42	3°25	28° 1	27° 2	14°44	16° 0	17°13	16°17	27°22	n.a.	T 5
W 6	2 31 55	7°15'04	13°14	25°29	21°28	1°23	3°36	28° 7	27° 3	14°43	15°59	17°11	16°14	27°29	n.a.	W 6
T 7	2 35 52	8°16'14	25° 8	26°53	22°38	2° 3	3°47	28°12	27° 5	14°43	15°57	17° 9	16°11	27°36	n.a.	T 7
F 8	2 39 48	9°17'23	7♒ 0	28°15	23°47	2°43	3°58	28°18	27° 6	14°42	15°56	17°D 8	16° 8	27°43	n.a.	F 8
S 9	2 43 45	10°18'33	18°54	29°35	24°56	3°23	4° 9	28°23	27° 7	14°41	15°55	17° 8	16° 5	27°49	n.a.	S 9
S 10	2 47 41	11°19'44	0♓56	0♐54	26° 6	4° 4	4°20	28°29	27° 9	14°40	15°54	17°10	16° 1	27°56	n.a.	S 10
M11	2 51 38	12°20'55	13°10	2°10	27°15	4°44	4°31	28°34	27°10	14°39	15°53	17°11	15°58	28° 3	n.a.	M11
T 12	2 55 34	13°22'06	25°40	3°23	28°23	5°24	4°43	28°40	27°11	14°39	15°52	17°13	15°55	28° 9	n.a.	T 12
W13	2 59 31	14°23'18	8♈30	4°33	29°32	6° 5	4°54	28°46	27°13	14°38	15°51	17°14	15°52	28°16	n.a.	W13
T 14	3 3 28	15°24'30	21°41	5°40	0♑41	6°45	5° 6	28°52	27°14	14°37	15°50	17°R14	15°49	28°23	n.a.	T 14
F 15	3 7 24	16°25'42	5♉16	6°42	1°49	7°25	5°17	28°58	27°16	14°37	15°49	17°13	15°46	28°30	n.a.	F 15
S 16	3 11 21	17°26'55	19°11	7°39	2°57	8° 6	5°29	29° 4	27°18	14°36	15°49	17°10	15°42	28°36	n.a.	S 16
S 17	3 15 17	18°28'09	3♊23	8°30	4° 5	8°46	5°41	29°10	27°19	14°36	15°48	17° 6	15°39	28°43	n.a.	S 17
M18	3 19 14	19°29'23	17°48	9°15	5°13	9°27	5°53	29°16	27°21	14°35	15°47	17° 1	15°36	28°50	n.a.	M18
T 19	3 23 10	20°30'37	2♋19	9°53	6°21	10° 7	6° 5	29°22	27°23	14°35	15°46	16°56	15°33	28°57	n.a.	T 19
W20	3 27 7	21°31'52	16°50	10°23	7°28	10°48	6°17	29°28	27°25	14°34	15°45	16°52	15°30	29° 3	n.a.	W20
T 21	3 31 3	22°33'08	1♌16	10°43	8°35	11°28	6°29	29°34	27°27	14°34	15°44	16°48	15°26	29°10	n.a.	T 21
F 22	3 35 0	23°34'24	15°32	10°R54	9°42	12° 9	6°41	29°40	27°28	14°33	15°43	16°46	15°23	29°17	n.a.	F 22
S 23	3 38 57	24°35'41	29°36	10°54	10°49	12°49	6°54	29°47	27°30	14°33	15°42	16°D46	15°20	29°23	n.a.	S 23
S 24	3 42 53	25°36'58	13♍27	10°42	11°56	13°30	7° 6	29°53	27°32	14°33	15°41	16°47	15°17	29°30	n.a.	S 24
M25	3 46 50	26°38'15	27° 6	10°19	13° 2	14°10	7°19	29°59	27°34	14°33	15°41	16°49	15°14	29°37	n.a.	M25
T 26	3 50 46	27°39'33	10♎32	9°44	14° 8	14°51	7°31	0♑ 6	27°36	14°32	15°40	16°R50	15°11	29°44	n.a.	T 26
W27	3 54 43	28°40'51	23°46	8°58	15°14	15°32	7°44	0°12	27°39	14°32	15°39	16°50	15° 7	29°50	n.a.	W27
T 28	3 58 39	29°42'09	6♏49	8° 0	16°20	16°12	7°57	0°19	27°41	14°32	15°38	16°48	15° 4	29°57	n.a.	T 28
F 29	4 2 36	0♐43'27	19°40	6°54	17°26	16°53	8° 9	0°25	27°43	14°32	15°37	16°44	15° 1	0♒ 4	n.a.	F 29
S 30	4 6 33	1♐44'46	2♐20	5♐41	18♑31	17♎34	8♑22	0♑32	27♑45	14♓32	15♈37	16♈37	14♈58	0♒10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s23	17s20	2s 7	19s37	2s12	25s29	2s30	1n43	1n 1	24s23	0s38	23s49	0s 4	21s42	0s40	7s45	1s50	7s37	15s13	6n55	6n34	26s 1		n.a.
S 2	12 45	22 3	3 8	20 4	2 14	25 37	2 31	1 27	1 1	24 22	0 38	23 49	0 4	21 42	0 40	7 45	1 50	7 37	15 12	6 54	6 33	26 0		n.a.
S 3	13 6	25 38	3 59	20 30	2 17	25 45	2 32	1 11	1 0	24 22	0 38	23 49	0 4	21 42	0 40	7 46	1 50	7 37	15 12	6 53	6 32	25 58		n.a.
M 4	13 26	27 55	4 38	20 55	2 18	25 52	2 33	0 54	1 0	24 22	0 38	23 49	0 4	21 42	0 40	7 46	1 50	7 38	15 12	6 52	6 31	25 57		n.a.
T 5	13 47	28 48	5 3	21 18	2 19	25 58	2 34	0 38	1 0	24 22	0 38	23 50	0 4	21 41	0 40	7 46	1 49	7 38	15 12	6 51	6 29	25 55		n.a.
W 6	14 7	28 18	5 14	21 40	2 20	26 3	2 34	0 21	0 59	24 21	0 38	23 50	0 4	21 41	0 40	7 46	1 49	7 38	15 12	6 50	6 28	25 54		n.a.
T 7	14 27	26 30	5 12	22 0	2 20	26 8	2 34	0 5	0 59	24 21	0 38	23 50	0 4	21 41	0 40	7 47	1 49	7 38	15 12	6 49	6 27	25 52		n.a.
F 8	14 47	23 33	4 56	22 19	2 20	26 12	2 35	0s12	0 59	24 21	0 38	23 50	0 5	21 41	0 40	7 47	1 49	7 39	15 12	6 49	6 26	25 50		n.a.
S 9	15 7	19 36	4 28	22 36	2 19	26 15	2 35	0 28	0 59	24 20	0 38	23 50	0 5	21 40	0 40	7 47	1 49	7 39	15 11	6 49	6 25	25 49		n.a.
S 10	15 26	14 50	3 47	22 51	2 17	26 17	2 35	0 45	0 58	24 20	0 38	23 50	0 5	21 40	0 40	7 48	1 49	7 39	15 11	6 50	6 23	25 47		n.a.
M11	15 45	9 25	2 56	23 5	2 15	26 19	2 35	1 1	0 58	24 20	0 38	23 50	0 5	21 40	0 40	7 48	1 49	7 39	15 11	6 50	6 22	25 46		n.a.
T 12	16 4	3 31	1 56	23 16	2 12	26 20	2 35	1 18	0 58	24 19	0 38	23 51	0 5	21 39	0 40	7 48	1 49	7 40	15 11	6 51	6 21	25 44		n.a.
W13	16 23	2n41	0 48	23 26	2 7	26 20	2 34	1 34	0 57	24 19	0 38	23 51	0 5	21 39	0 40	7 48	1 49	7 40	15 11	6 52	6 20	25 43		n.a.
T 14	16 41	8 57	0n24	23 33	2 2	26 20	2 34	1 51	0 57	24 19	0 38	23 51	0 5	21 39	0 39	7 48	1 49	7 40	15 11	6 52	6 18	25 41		n.a.
F 15	16 59	14 59	1 37	23 38	1 56	26 19	2 33	2 7	0 57	24 18	0 38	23 51	0 5	21 38	0 39	7 49	1 49	7 40	15 10	6 51	6 17	25 39		n.a.
S 16	17 16	20 25	2 46	23 41	1 49	26 17	2 33	2 24	0 56	24 18	0 38	23 51	0 5	21 38	0 39	7 49	1 49	7 40	15 10	6 50	6 16	25 38		n.a.
S 17	17 34	24 49	3 46	23 41	1 41	26 14	2 32	2 40	0 56	24 17	0 38	23 51	0 5	21 38	0 39	7 49	1 49	7 41	15 10	6 49	6 15	25 36		n.a.
M18	17 51	27 43	4 32	23 39	1 31	26 11	2 31	2 56	0 56	24 17	0 38	23 51	0 5	21 37	0 39	7 49	1 49	7 41	15 10	6 47	6 13	25 34		n.a.
T 19	18 7	28 46	5 1	23 34	1 20	26 6	2 30	3 13	0 55	24 16	0 38	23 51	0 5	21 37	0 39	7 49	1 49	7 41	15 10	6 45	6 12	25 33		n.a.
W20	18 24	27 50	5 11	23 26	1 8	26 2	2 29	3 29	0 55	24 16	0 38	23 52	0 5	21 37	0 39	7 49	1 49	7 41	15 9	6 43	6 11	25 31		n.a.
T 21	18 40	25 3	5 1	23 16	0 55	25 56	2 27	3 46	0 55	24 15	0 39	23 52	0 5	21 36	0 39	7 50	1 49	7 41	15 9	6 41	6 10	25 29		n.a.
F 22	18 55	20 44	4 33	23 3	0 40	25 50	2 26	4 2	0 54	24 14	0 39	23 52	0 6	21 36	0 39	7 50	1 49	7 41	15 9	6 41	6 8	25 28		n.a.
S 23	19 11	15 20	3 48	22 47	0 24	25 43	2 24	4 18	0 54	24 14	0 39	23 52	0 6	21 35	0 39	7 50	1 49	7 41	15 9	6 41	6 7	25 26		n.a.
S 24	19 26	9 13	2 51	22 28	0 6	25 35	2 22	4 35	0 53	24 13	0 39	23 52	0 6	21 35	0 39	7 50	1 49	7 41	15 9	6 41	6 6	25 24		n.a.
M25	19 40	2 46	1 45	22 6	0n12	25 27	2 20	4 51	0 53	24 12	0 39	23 52	0 6	21 34	0 39	7 50	1 48	7 42	15 8	6 42	6 5	25 23		n.a.
T 26	19 55	3s42	0 34	21 42	0 32	25 18	2 18	5 7	0 53	24 12	0 39	23 52	0 6	21 34	0 39	7 50	1 48	7 42	15 8	6 42	6 3	25 21		n.a.
W27	20 8	9 56	0s38	21 15	0 52	25 8	2 16	5 24	0 52	24 11	0 39	23 52	0 6	21 34	0 39	7 50	1 48	7 42	15 8	6 42	6 2	25 19		n.a.
T 28	20 22	15 38	1 46	20 46	1 12	24 58	2 14	5 40	0 52	24 10	0 39	23 52	0 6	21 33	0 39	7 50	1 48	7 42	15 8	6 41	6 1	25 18		n.a.
F 29	20 35	20 35	2 48	20 16	1 32	24 47	2 11	5 56	0 51	24 10	0 39	23 52	0 6	21 33	0 39	7 50	1 48	7 42	15 7	6 40	6 0	25 16		n.a.
S 30	20s48	24s31	3s40	19s44	1n51	24s36	2s 9	6s12	0n51	24s 9	0s39	23s52	0s 6	21s32	0s39	7s50	1s48	7s42	15s 7	6n37	5n58	25s14		n.a.

Julian Day Number = 1501846.5, Delta T = 05h06m15s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'34, Lahiri = -12°15'33 Julian Calendar 1 Nov. 602 BCE == Greg. Calendar 25 Oct. 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 602 BCE
geocentric

DECEMBER 602 BCE (-601) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 10 29	2♐46'04	14♐49	4°R22	19♑36	18♎15	8♑35	0♑39	27♑47	14°R32	15°R36	16°R29	14♈55	0♒17	n.a.	S 1
M 2	4 14 26	3°47'22	27° 7	3♐ 2	20°40	18°55	8°48	0°45	27°50	14°D32	15♈35	16♈19	14°52	0°24	n.a.	M 2
T 3	4 18 22	4°48'40	9♑14	1°41	21°45	19°36	9° 1	0°52	27°52	14♓32	15°34	16°10	14°48	0°31	n.a.	T 3
W 4	4 22 19	5°49'57	21°13	0°23	22°49	20°17	9°14	0°59	27°55	14°32	15°34	16° 1	14°45	0°37	n.a.	W 4
T 5	4 26 15	6°51'14	3♒ 6	29♏11	23°52	20°58	9°28	1° 5	27°57	14°32	15°33	15°53	14°42	0°44	n.a.	T 5
F 6	4 30 12	7°52'30	14°56	28° 5	24°56	21°39	9°41	1°12	27°59	14°32	15°33	15°48	14°39	0°51	n.a.	F 6
S 7	4 34 8	8°53'46	26°48	27° 8	25°59	22°20	9°54	1°19	28° 2	14°32	15°32	15°45	14°36	0°57	n.a.	S 7
S 8	4 38 5	9°55'01	8♓46	26°20	27° 2	23° 0	10° 7	1°26	28° 4	14°32	15°31	15°D44	14°32	1° 4	n.a.	S 8
M 9	4 42 2	10°56'15	20°55	25°42	28° 4	23°41	10°21	1°33	28° 7	14°32	15°31	15°44	14°29	1°11	n.a.	M 9
T 10	4 45 58	11°57'28	3♈22	25°13	29° 6	24°22	10°34	1°40	28°10	14°33	15°30	15°45	14°26	1°18	n.a.	T 10
W11	4 49 55	12°58'41	16°10	24°55	0♒ 7	25° 3	10°48	1°47	28°12	14°33	15°30	15°R46	14°23	1°24	n.a.	W11
T 12	4 53 51	13°59'52	29°23	24°45	1° 9	25°44	11° 1	1°54	28°15	14°33	15°29	15°45	14°20	1°31	n.a.	T 12
F 13	4 57 48	15° 1'03	13♉ 4	24°D45	2° 9	26°25	11°15	2° 1	28°18	14°33	15°29	15°42	14°17	1°38	n.a.	F 13
S 14	5 1 44	16° 2'14	27°13	24°53	3°10	27° 6	11°29	2° 8	28°20	14°34	15°28	15°36	14°13	1°45	n.a.	S 14
S 15	5 5 41	17° 3'23	11♊45	25° 8	4° 9	27°47	11°42	2°15	28°23	14°34	15°28	15°28	14°10	1°51	n.a.	S 15
M16	5 9 38	18° 4'32	26°36	25°30	5° 9	28°28	11°56	2°22	28°26	14°35	15°27	15°18	14° 7	1°58	n.a.	M16
T 17	5 13 34	19° 5'40	11♋35	25°59	6° 8	29° 9	12°10	2°29	28°29	14°35	15°27	15° 8	14° 4	2° 5	n.a.	T 17
W18	5 17 31	20° 6'48	26°34	26°33	7° 6	29°50	12°24	2°36	28°32	14°36	15°26	14°59	14° 1	2°11	n.a.	W18
T 19	5 21 27	21° 7'54	11♌24	27°13	8° 4	0♏31	12°37	2°43	28°35	14°36	15°26	14°51	13°58	2°18	n.a.	T 19
F 20	5 25 24	22° 9'00	25°57	27°57	9° 1	1°13	12°51	2°50	28°37	14°37	15°25	14°46	13°54	2°25	n.a.	F 20
S 21	5 29 20	23°10'06	10♍10	28°46	9°58	1°54	13° 5	2°57	28°40	14°38	15°25	14°43	13°51	2°32	n.a.	S 21
S 22	5 33 17	24°11'11	24° 2	29°38	10°54	2°35	13°19	3° 4	28°43	14°38	15°25	14°D42	13°48	2°38	n.a.	S 22
M23	5 37 13	25°12'15	7♎32	0♐34	11°49	3°16	13°33	3°12	28°46	14°39	15°24	14°R43	13°45	2°45	n.a.	M23
T 24	5 41 10	26°13'18	20°45	1°33	12°44	3°57	13°47	3°19	28°49	14°40	15°24	14°43	13°42	2°52	n.a.	T 24
W25	5 45 7	27°14'20	3♏41	2°35	13°39	4°38	14° 1	3°26	28°52	14°40	15°24	14°41	13°38	2°58	n.a.	W25
T 26	5 49 3	28°15'22	16°24	3°39	14°32	5°20	14°15	3°33	28°55	14°41	15°24	14°37	13°35	3° 5	n.a.	T 26
F 27	5 53 0	29°16'23	28°57	4°46	15°25	6° 1	14°29	3°40	28°59	14°42	15°23	14°30	13°32	3°12	n.a.	F 27
S 28	5 56 56	0♑17'23	11♐20	5°55	16°17	6°42	14°44	3°47	29° 2	14°43	15°23	14°20	13°29	3°19	n.a.	S 28
S 29	6 0 53	1°18'22	23°34	7° 6	17° 9	7°24	14°58	3°55	29° 5	14°44	15°23	14° 7	13°26	3°25	n.a.	S 29
M30	6 4 49	2°19'19	5♑41	8°18	17°59	8° 5	15°12	4° 2	29° 8	14°45	15°23	13°53	13°23	3°32	n.a.	M30
T 31	6 8 46	3♑20'16	17♑42	9♐33	18♒49	8♏46	15♑26	4♑ 9	29♑11	14♓46	15♈23	13♈38	13♈19	3♒39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s 0	27s13	4s21	19s12	2n 9	24s24	2s 6	6s28	0n51	24s 8	0s39	23s52	0s 6	21s32	0s39	7s50	1s48	7s42	15s 7	6n34	5n57	25s13		n.a.
M 2	21 12	28 34	4 50	18 41	2 25	24 11	2 3	6 44	0 50	24 7	0 39	23 52	0 6	21 31	0 39	7 50	1 48	7 42	15 7	6 30	5 56	25 11		n.a.
T 3	21 24	28 30	5 4	18 11	2 39	23 57	2 0	7 0	0 50	24 6	0 39	23 52	0 6	21 31	0 39	7 50	1 48	7 42	15 6	6 27	5 55	25 9		n.a.
W 4	21 35	27 5	5 5	17 43	2 51	23 44	1 57	7 16	0 49	24 5	0 39	23 52	0 6	21 30	0 39	7 50	1 48	7 42	15 6	6 23	5 53	25 7		n.a.
T 5	21 45	24 29	4 53	17 18	3 1	23 29	1 53	7 32	0 49	24 5	0 39	23 52	0 6	21 30	0 39	7 50	1 48	7 42	15 6	6 20	5 52	25 6		n.a.
F 6	21 55	20 50	4 28	16 57	3 8	23 14	1 50	7 48	0 48	24 4	0 39	23 52	0 7	21 29	0 39	7 50	1 48	7 42	15 5	6 18	5 51	25 4		n.a.
S 7	22 5	16 22	3 52	16 39	3 13	22 59	1 46	8 4	0 48	24 3	0 39	23 52	0 7	21 29	0 39	7 49	1 48	7 42	15 5	6 17	5 50	25 2		n.a.
S 8	22 15	11 15	3 5	16 25	3 16	22 43	1 42	8 20	0 47	24 2	0 39	23 52	0 7	21 28	0 39	7 49	1 48	7 42	15 5	6 16	5 48	25 0		n.a.
M 9	22 24	5 37	2 9	16 16	3 17	22 26	1 38	8 36	0 47	24 1	0 39	23 52	0 7	21 28	0 39	7 49	1 48	7 42	15 5	6 17	5 47	24 58		n.a.
T 10	22 32	0n21	1 6	16 10	3 16	22 9	1 34	8 51	0 46	24 0	0 39	23 52	0 7	21 27	0 39	7 49	1 48	7 42	15 4	6 17	5 46	24 57		n.a.
W11	22 40	6 28	0n 2	16 8	3 13	21 52	1 29	9 7	0 46	23 59	0 39	23 52	0 7	21 26	0 39	7 49	1 48	7 42	15 4	6 17	5 45	24 55		n.a.
T 12	22 48	12 32	1 12	16 10	3 9	21 34	1 25	9 23	0 45	23 58	0 39	23 52	0 7	21 26	0 39	7 49	1 48	7 42	15 4	6 17	5 44	24 53		n.a.
F 13	22 55	18 12	2 20	16 14	3 4	21 15	1 20	9 38	0 45	23 56	0 39	23 52	0 7	21 25	0 39	7 49	1 47	7 42	15 3	6 16	5 42	24 51		n.a.
S 14	23 2	23 5	3 22	16 22	2 58	20 56	1 15	9 53	0 44	23 55	0 39	23 52	0 7	21 25	0 39	7 48	1 47	7 42	15 3	6 13	5 41	24 49		n.a.
S 15	23 8	26 41	4 13	16 33	2 51	20 37	1 10	10 9	0 44	23 54	0 39	23 52	0 7	21 24	0 39	7 48	1 47	7 41	15 3	6 10	5 40	24 48		n.a.
M16	23 14	28 30	4 47	16 45	2 44	20 18	1 5	10 24	0 43	23 53	0 40	23 52	0 7	21 24	0 39	7 48	1 47	7 41	15 3	6 6	5 39	24 46		n.a.
T 17	23 19	28 16	5 2	17 0	2 36	19 58	1 0	10 39	0 43	23 52	0 40	23 52	0 7	21 23	0 39	7 48	1 47	7 41	15 2	6 2	5 37	24 44		n.a.
W18	23 24	25 59	4 57	17 16	2 27	19 37	0 54	10 55	0 42	23 50	0 40	23 52	0 7	21 22	0 39	7 47	1 47	7 41	15 2	5 59	5 36	24 42		n.a.
T 19	23 28	21 56	4 31	17 34	2 19	19 17	0 48	11 10	0 42	23 49	0 40	23 52	0 8	21 22	0 39	7 47	1 47	7 41	15 2	5 56	5 35	24 40		n.a.
F 20	23 32	16 37	3 49	17 52	2 10	18 56	0 42	11 25	0 41	23 48	0 40	23 52	0 8	21 21	0 39	7 47	1 47	7 41	15 1	5 54	5 34	24 38		n.a.
S 21	23 35	10 31	2 52	18 12	2 0	18 35	0 36	11 40	0 41	23 47	0 40	23 52	0 8	21 20	0 39	7 47	1 47	7 41	15 1	5 53	5 32	24 36		n.a.
S 22	23 38	4 3	1 47	18 33	1 51	18 13	0 30	11 55	0 40	23 45	0 40	23 52	0 8	21 20	0 39	7 46	1 47	7 41	15 1	5 52	5 31	24 35		n.a.
M23	23 41	2s27	0 38	18 53	1 42	17 52	0 24	12 9	0 40	23 44	0 40	23 52	0 8	21 19	0 39	7 46	1 47	7 40	15 0	5 52	5 30	24 33		n.a.
T 24	23 43	8 42	0s32	19 15	1 33	17 30	0 17	12 24	0 39	23 42	0 40	23 52	0 8	21 19	0 39	7 46	1 47	7 40	15 0	5 52	5 29	24 31		n.a.
W25	23 44	14 28	1 39	19 36	1 23	17 7	0 10	12 39	0 38	23 41	0 40	23 51	0 8	21 18	0 39	7 45	1 47	7 40	15 0	5 52	5 27	24 29		n.a.
T 26	23 46	19 31	2 39	19 58	1 14	16 45	0 3	12 53	0 38	23 40	0 40	23 51	0 8	21 17	0 39	7 45	1 47	7 40	14 59	5 50	5 26	24 27		n.a.
F 27	23 46	23 38	3 31	20 19	1 5	16 22	0n 4	13 8	0 37	23 38	0 40	23 51	0 8	21 17	0 39	7 44	1 47	7 40	14 59	5 48	5 25	24 25		n.a.
S 28	23 46	26 36	4 12	20 41	0 55	16 0	0 11	13 22	0 37	23 37	0 40	23 51	0 8	21 16	0 39	7 44	1 47	7 39	14 59	5 44	5 24	24 23		n.a.
S 29	23 46	28 17	4 41	21 2	0 46	15 37	0 19	13 36	0 36	23 35	0 40	23 51	0 8	21 15	0 39	7 44	1 47	7 39	14 58	5 39	5 22	24 21		n.a.
M30	23 45	28 35	4 57	21 23	0 38	15 14	0 27	13 50	0 35	23 34	0 40	23 51	0 8	21 15	0 39	7 43	1 47	7 39	14 58	5 33	5 21	24 19		n.a.
T 31	23s44	27s31	4s59	21s43	0n29	14s51	0n34	14s 4	0n35	23s32	0s40	23s51	0s 8	21s14	0s39	7s43	1s46	7s39	14s58	5n27	5n20	24s17		n.a.

Julian Day Number = 1501876.5, Delta T = 05h06m14s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'30, Lahiri = -12°15'29 Julian Calendar 1 Dec. 602 BCE == Greg. Calendar 24 Nov. 602 BCE

The year -601 astronomical counting style corresponds to year 602 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

JANUARY 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 12 43	4♑21'11	29♑37	10♐49	19♒38	9♏28	15♑40	4♑16	29♑14	14♓47	15°R23	13°R24	13♈16	3♒45	n.a.	W 1
T 2	6 16 39	5°22'04	11♒28	12° 6	20°26	10° 9	15°55	4°24	29°18	14°48	15♈23	13♈12	13°13	3°52	n.a.	T 2
F 3	6 20 36	6°22'56	23°18	13°25	21°14	10°50	16° 9	4°31	29°21	14°49	15°22	13° 2	13°10	3°59	n.a.	F 3
S 4	6 24 32	7°23'46	5♓ 9	14°45	22° 0	11°32	16°23	4°38	29°24	14°50	15°22	12°56	13° 7	4° 6	n.a.	S 4
S 5	6 28 29	8°24'35	17° 5	16° 7	22°45	12°13	16°38	4°45	29°27	14°51	15°22	12°52	13° 4	4°12	n.a.	S 5
M 6	6 32 25	9°25'22	29°11	17°29	23°29	12°55	16°52	4°52	29°31	14°52	15°D22	12°51	13° 0	4°19	n.a.	M 6
T 7	6 36 22	10°26'07	11♈32	18°53	24°12	13°36	17° 6	5° 0	29°34	14°53	15°22	12°51	12°57	4°26	n.a.	T 7
W 8	6 40 18	11°26'51	24°14	20°17	24°54	14°17	17°21	5° 7	29°37	14°54	15°22	12°50	12°54	4°32	n.a.	W 8
T 9	6 44 15	12°27'32	7♉21	21°43	25°35	14°59	17°35	5°14	29°40	14°56	15°23	12°49	12°51	4°39	n.a.	T 9
F 10	6 48 12	13°28'12	20°57	23°10	26°15	15°40	17°49	5°21	29°44	14°57	15°23	12°45	12°48	4°46	n.a.	F 10
S 11	6 52 8	14°28'50	5♊ 4	24°38	26°53	16°22	18° 4	5°28	29°47	14°58	15°23	12°39	12°44	4°53	n.a.	S 11
S 12	6 56 5	15°29'26	19°40	26° 6	27°30	17° 3	18°18	5°35	29°51	15° 0	15°23	12°30	12°41	4°59	n.a.	S 12
M13	7 0 1	16°30'01	4♋39	27°36	28° 6	17°45	18°32	5°43	29°54	15° 1	15°23	12°19	12°38	5° 6	n.a.	M13
T 14	7 3 58	17°30'34	19°54	29° 7	28°40	18°26	18°47	5°50	29°57	15° 2	15°23	12° 8	12°35	5°13	n.a.	T 14
W15	7 7 54	18°31'05	5♌12	0♑38	29°13	19° 8	19° 1	5°57	0♒ 1	15° 4	15°23	11°57	12°32	5°19	n.a.	W15
T 16	7 11 51	19°31'34	20°23	2°11	29°44	19°50	19°16	6° 4	0° 4	15° 5	15°24	11°47	12°29	5°26	n.a.	T 16
F 17	7 15 47	20°32'02	5♍17	3°44	0♓14	20°31	19°30	6°11	0° 8	15° 7	15°24	11°41	12°25	5°33	n.a.	F 17
S 18	7 19 44	21°32'28	19°47	5°18	0°42	21°13	19°44	6°18	0°11	15° 8	15°24	11°37	12°22	5°40	n.a.	S 18
S 19	7 23 41	22°32'53	3♎50	6°54	1° 8	21°54	19°59	6°25	0°14	15°10	15°24	11°36	12°19	5°46	n.a.	S 19
M20	7 27 37	23°33'16	17°26	8°30	1°33	22°36	20°13	6°32	0°18	15°11	15°25	11°36	12°16	5°53	n.a.	M20
T 21	7 31 34	24°33'38	0♏38	10° 7	1°55	23°18	20°27	6°39	0°21	15°13	15°25	11°35	12°13	6° 0	n.a.	T 21
W22	7 35 30	25°33'58	13°30	11°45	2°16	23°59	20°42	6°46	0°25	15°14	15°25	11°34	12°10	6° 6	n.a.	W22
T 23	7 39 27	26°34'16	26° 4	13°24	2°35	24°41	20°56	6°53	0°28	15°16	15°26	11°31	12° 6	6°13	n.a.	T 23
F 24	7 43 23	27°34'33	8♐25	15° 4	2°52	25°23	21°11	7° 0	0°32	15°18	15°26	11°24	12° 3	6°20	n.a.	F 24
S 25	7 47 20	28°34'49	20°36	16°46	3° 7	26° 4	21°25	7° 7	0°35	15°19	15°26	11°15	12° 0	6°27	n.a.	S 25
S 26	7 51 16	29°35'02	2♑39	18°28	3°19	26°46	21°39	7°14	0°38	15°21	15°27	11° 4	11°57	6°33	n.a.	S 26
M27	7 55 13	0♒35'14	14°37	20°11	3°30	27°28	21°54	7°21	0°42	15°23	15°27	10°51	11°54	6°40	n.a.	M27
T 28	7 59 10	1°35'23	26°32	21°55	3°38	28°10	22° 8	7°27	0°45	15°24	15°28	10°37	11°50	6°47	n.a.	T 28
W29	8 3 6	2°35'31	8♒23	23°40	3°44	28°51	22°22	7°34	0°49	15°26	15°28	10°24	11°47	6°53	n.a.	W29
T 30	8 7 3	3°35'37	20°14	25°27	3°47	29°33	22°36	7°41	0°52	15°28	15°29	10°12	11°44	7° 0	n.a.	T 30
F 31	8 10 59	4♒35'41	2♓ 5	27♑14	3°R48	0♐15	22♑51	7♑48	0♒56	15♓30	15♈29	10♈ 3	11♈41	7♒ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23 s42	25 s12	4 s48	22 s 3	0n20	14 s28	0n43	14 s18	0n34	23 s30	0 s41	23 s51	0 s 9	21 s13	0 s39	7 s42	1 s46	7 s38	14 s57	5n22	5n19	24 s15		n.a.
T 2	23 40	21 48	4 24	22 22	0 12	14 4	0 51	14 32	0 33	23 29	0 41	23 50	0 9	21 13	0 39	7 42	1 46	7 38	14 57	5 17	5 17	24 14		n.a.
F 3	23 37	17 33	3 50	22 40	0 3	13 41	0 59	14 46	0 33	23 27	0 41	23 50	0 9	21 12	0 39	7 41	1 46	7 38	14 57	5 13	5 16	24 12		n.a.
S 4	23 34	12 37	3 5	22 58	0 s 5	13 18	1 8	15 0	0 32	23 25	0 41	23 50	0 9	21 11	0 39	7 41	1 46	7 37	14 56	5 11	5 15	24 10		n.a.
S 5	23 30	7 11	2 12	23 15	0 13	12 55	1 17	15 13	0 31	23 24	0 41	23 50	0 9	21 10	0 39	7 41	1 46	7 37	14 56	5 9	5 14	24 8		n.a.
M 6	23 26	1 25	1 12	23 31	0 20	12 32	1 26	15 26	0 31	23 22	0 41	23 50	0 9	21 10	0 39	7 40	1 46	7 37	14 56	5 9	5 12	24 6		n.a.
T 7	23 21	4n31	0 7	23 46	0 28	12 9	1 35	15 40	0 30	23 20	0 41	23 49	0 9	21 9	0 39	7 40	1 46	7 37	14 55	5 8	5 11	24 4		n.a.
W 8	23 16	10 27	1n 0	24 0	0 35	11 46	1 44	15 53	0 29	23 18	0 41	23 49	0 9	21 8	0 39	7 39	1 46	7 36	14 55	5 8	5 10	24 2		n.a.
T 9	23 11	16 8	2 6	24 13	0 42	11 23	1 54	16 6	0 29	23 17	0 41	23 49	0 9	21 8	0 38	7 38	1 46	7 36	14 55	5 8	5 9	24 0		n.a.
F 10	23 5	21 14	3 7	24 25	0 49	11 0	2 4	16 19	0 28	23 15	0 41	23 49	0 9	21 7	0 38	7 38	1 46	7 36	14 54	5 6	5 7	23 58		n.a.
S 11	22 58	25 21	3 58	24 35	0 56	10 38	2 14	16 32	0 27	23 13	0 41	23 49	0 9	21 6	0 38	7 37	1 46	7 35	14 54	5 4	5 6	23 56		n.a.
S 12	22 51	27 58	4 37	24 45	1 2	10 15	2 24	16 44	0 26	23 11	0 41	23 48	0 9	21 5	0 38	7 37	1 46	7 35	14 54	5 0	5 5	23 54		n.a.
M13	22 44	28 38	4 57	24 53	1 8	9 53	2 34	16 57	0 26	23 9	0 41	23 48	0 9	21 5	0 38	7 36	1 46	7 34	14 53	4 56	5 3	23 52		n.a.
T 14	22 36	27 10	4 57	25 0	1 14	9 32	2 45	17 9	0 25	23 7	0 42	23 48	0 9	21 4	0 38	7 36	1 46	7 34	14 53	4 51	5 2	23 50		n.a.
W15	22 28	23 41	4 36	25 6	1 20	9 10	2 55	17 22	0 24	23 5	0 42	23 48	0 10	21 3	0 38	7 35	1 46	7 34	14 53	4 47	5 1	23 48		n.a.
T 16	22 20	18 36	3 55	25 10	1 25	8 49	3 6	17 34	0 23	23 3	0 42	23 47	0 10	21 2	0 38	7 34	1 46	7 33	14 52	4 43	5 0	23 46		n.a.
F 17	22 11	12 28	2 59	25 13	1 30	8 28	3 17	17 46	0 23	23 1	0 42	23 47	0 10	21 2	0 38	7 34	1 46	7 33	14 52	4 41	4 58	23 44		n.a.
S 18	22 1	5 49	1 53	25 14	1 35	8 8	3 28	17 58	0 22	22 59	0 42	23 47	0 10	21 1	0 38	7 33	1 46	7 33	14 52	4 39	4 57	23 41		n.a.
S 19	21 51	0 s55	0 41	25 14	1 39	7 48	3 40	18 9	0 21	22 57	0 42	23 47	0 10	21 0	0 38	7 33	1 46	7 32	14 51	4 39	4 56	23 39		n.a.
M20	21 41	7 25	0 s31	25 12	1 43	7 29	3 51	18 21	0 20	22 55	0 42	23 46	0 10	21 0	0 38	7 32	1 46	7 32	14 51	4 39	4 55	23 37		n.a.
T 21	21 30	13 24	1 39	25 9	1 47	7 10	4 3	18 33	0 19	22 53	0 42	23 46	0 10	20 59	0 38	7 31	1 45	7 31	14 51	4 39	4 53	23 35		n.a.
W22	21 19	18 39	2 40	25 4	1 50	6 52	4 14	18 44	0 18	22 51	0 42	23 46	0 10	20 58	0 38	7 31	1 45	7 31	14 50	4 38	4 52	23 33		n.a.
T 23	21 8	22 58	3 32	24 58	1 53	6 34	4 26	18 55	0 18	22 49	0 42	23 45	0 10	20 57	0 38	7 30	1 45	7 30	14 50	4 37	4 51	23 31		n.a.
F 24	20 56	26 10	4 13	24 49	1 56	6 17	4 38	19 6	0 17	22 47	0 42	23 45	0 10	20 57	0 38	7 29	1 45	7 30	14 50	4 34	4 50	23 29		n.a.
S 25	20 44	28 7	4 42	24 39	1 58	6 0	4 50	19 17	0 16	22 44	0 43	23 45	0 10	20 56	0 38	7 29	1 45	7 30	14 49	4 31	4 48	23 27		n.a.
S 26	20 31	28 42	4 58	24 27	2 0	5 44	5 2	19 28	0 15	22 42	0 43	23 45	0 10	20 55	0 38	7 28	1 45	7 29	14 49	4 26	4 47	23 25		n.a.
M27	20 18	27 56	5 0	24 14	2 1	5 30	5 14	19 38	0 14	22 40	0 43	23 44	0 11	20 54	0 38	7 27	1 45	7 29	14 49	4 21	4 46	23 23		n.a.
T 28	20 5	25 52	4 50	23 58	2 2	5 15	5 26	19 49	0 13	22 38	0 43	23 44	0 11	20 54	0 38	7 26	1 45	7 28	14 48	4 15	4 45	23 21		n.a.
W29	19 51	22 42	4 26	23 41	2 3	5 2	5 38	19 59	0 12	22 36	0 43	23 44	0 11	20 53	0 38	7 26	1 45	7 28	14 48	4 10	4 43	23 19		n.a.
T 30	19 37	18 36	3 52	23 22	2 3	4 50	5 50	20 9	0 11	22 33	0 43	23 43	0 11	20 52	0 38	7 25	1 45	7 27	14 48	4 6	4 42	23 16		n.a.
F 31	19 s23	13 s47	3 s 7	23 s 1	2 s 3	4 s38	6n 2	20 s19	0n11	22 s31	0 s43	23 s43	0 s11	20 s51	0 s39	7 s24	1 s45	7 s27	14 s47	4n 2	4n41	23 s14		n.a.

Julian Day Number = 1501907.5, Delta T = 05h06m13s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'26, Lahiri = -12°15'25 Julian Calendar 1 Jan. 601 BCE == Greg. Calendar 25 Dec. 602 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

FEBRUARY 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 14 56	5♒35'42	13♓59	29♉ 3	3°R47	0♐57	23♉ 5	7♉54	0♒59	15♓32	15♈30	9°R57	11♈38	7♒14	n.a.	S 1
S 2	8 18 52	6°35'41	25°58	0♒52	3♓43	1°38	23°19	8° 1	1° 3	15°33	15°30	9♈54	11°35	7°20	n.a.	S 2
M 3	8 22 49	7°35'38	8♈ 6	2°43	3°37	2°20	23°33	8° 8	1° 6	15°35	15°31	9°D53	11°31	7°27	n.a.	M 3
T 4	8 26 45	8°35'33	20°28	4°35	3°28	3° 2	23°47	8°14	1° 9	15°37	15°32	9°53	11°28	7°34	n.a.	T 4
W 5	8 30 42	9°35'25	3♉ 7	6°28	3°16	3°44	24° 2	8°21	1°13	15°39	15°32	9°54	11°25	7°40	n.a.	W 5
T 6	8 34 39	10°35'15	16° 9	8°22	3° 2	4°26	24°16	8°27	1°16	15°41	15°33	9°R54	11°22	7°47	n.a.	T 6
F 7	8 38 35	11°35'02	29°36	10°16	2°46	5° 7	24°30	8°34	1°20	15°43	15°34	9°52	11°19	7°54	n.a.	F 7
S 8	8 42 32	12°34'48	13♊32	12°12	2°27	5°49	24°44	8°40	1°23	15°45	15°34	9°49	11°16	8° 1	n.a.	S 8
S 9	8 46 28	13°34'31	27°58	14° 9	2° 6	6°31	24°58	8°46	1°26	15°47	15°35	9°43	11°12	8° 7	n.a.	S 9
M10	8 50 25	14°34'11	12♋48	16° 7	1°42	7°13	25°12	8°53	1°30	15°49	15°36	9°35	11° 9	8°14	n.a.	M10
T 11	8 54 21	15°33'50	27°58	18° 5	1°16	7°55	25°26	8°59	1°33	15°51	15°36	9°27	11° 6	8°21	n.a.	T 11
W12	8 58 18	16°33'26	13♌17	20° 5	0°48	8°37	25°40	9° 5	1°37	15°53	15°37	9°19	11° 3	8°27	n.a.	W12
T 13	9 2 14	17°32'59	28°34	22° 4	0°19	9°18	25°54	9°12	1°40	15°55	15°38	9°12	11° 0	8°34	n.a.	T 13
F 14	9 6 11	18°32'31	13♍38	24° 4	29♒47	10° 0	26° 7	9°18	1°43	15°57	15°39	9° 7	10°56	8°41	n.a.	F 14
S 15	9 10 8	19°32'00	28°21	26° 4	29°14	10°42	26°21	9°24	1°47	15°59	15°40	9° 5	10°53	8°47	n.a.	S 15
S 16	9 14 4	20°31'28	12♎37	28° 5	28°39	11°24	26°35	9°30	1°50	16° 1	15°40	9°D 4	10°50	8°54	n.a.	S 16
M17	9 18 1	21°30'54	26°25	0♓ 4	28° 3	12° 6	26°49	9°36	1°53	16° 3	15°41	9° 5	10°47	9° 1	n.a.	M17
T 18	9 21 57	22°30'18	9♏46	2° 3	27°27	12°48	27° 2	9°42	1°56	16° 5	15°42	9° 7	10°44	9° 8	n.a.	T 18
W19	9 25 54	23°29'40	22°41	4° 2	26°49	13°30	27°16	9°48	2° 0	16° 7	15°43	9°R 7	10°41	9°14	n.a.	W19
T 20	9 29 50	24°29'00	5♐17	5°59	26°11	14°12	27°30	9°54	2° 3	16° 9	15°44	9° 7	10°37	9°21	n.a.	T 20
F 21	9 33 47	25°28'18	17°35	7°54	25°33	14°53	27°43	9°59	2° 6	16°12	15°45	9° 4	10°34	9°28	n.a.	F 21
S 22	9 37 43	26°27'34	29°42	9°47	24°55	15°35	27°57	10° 5	2° 9	16°14	15°46	9° 0	10°31	9°34	n.a.	S 22
S 23	9 41 40	27°26'49	11♑40	11°38	24°17	16°17	28°10	10°11	2°13	16°16	15°47	8°54	10°28	9°41	n.a.	S 23
M24	9 45 36	28°26'01	23°33	13°26	23°40	16°59	28°24	10°16	2°16	16°18	15°48	8°46	10°25	9°48	n.a.	M24
T 25	9 49 33	29°25'12	5♒23	15°10	23° 4	17°41	28°37	10°22	2°19	16°20	15°49	8°39	10°22	9°55	n.a.	T 25
W26	9 53 30	0♓24'20	17°14	16°51	22°29	18°23	28°50	10°27	2°22	16°22	15°50	8°31	10°18	10° 1	n.a.	W26
T 27	9 57 26	1°23'26	29° 6	18°28	21°55	19° 5	29° 4	10°33	2°25	16°25	15°51	8°25	10°15	10° 8	n.a.	T 27
F 28	10 1 23	2°22'30	11♓ 3	20° 0	21°22	19°47	29°17	10°38	2°28	16°27	15°52	8°20	10°12	10°15	n.a.	F 28
S 29	10 5 19	3♓21'32	23♓ 4	21♓28	20♒51	20♐28	29♉30	10♉44	2♒32	16♓29	15♈53	8♈17	10♈ 9	10♒21	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s 8	8s26	2s13	22s37	2s 2	4s28	6n14	20s28	0n10	22s29	0s43	23s43	0s11	20s50	0s39	7s24	1s45	7s26	14s47	4n 0	4n40	23s12		n.a.
S 2	18 53	2 45	1 14	22 12	2 1	4 18	6 25	20 38	0 9	22 26	0 43	23 42	0 11	20 50	0 39	7 23	1 45	7 26	14 47	3 58	4 38	23 10		n.a.
M 3	18 38	3n 7	0 9	21 45	1 59	4 10	6 37	20 47	0 8	22 24	0 44	23 42	0 11	20 49	0 39	7 22	1 45	7 25	14 46	3 58	4 37	23 8		n.a.
T 4	18 22	8 58	0n56	21 16	1 57	4 3	6 48	20 57	0 7	22 22	0 44	23 42	0 11	20 48	0 39	7 21	1 45	7 25	14 46	3 58	4 36	23 6		n.a.
W 5	18 6	14 37	2 1	20 45	1 54	3 56	6 59	21 6	0 6	22 19	0 44	23 41	0 11	20 47	0 39	7 20	1 45	7 24	14 46	3 58	4 35	23 3		n.a.
T 6	17 49	19 47	3 1	20 13	1 51	3 52	7 9	21 14	0 5	22 17	0 44	23 41	0 11	20 47	0 39	7 20	1 45	7 24	14 46	3 58	4 33	23 1		n.a.
F 7	17 33	24 8	3 54	19 38	1 47	3 48	7 20	21 23	0 4	22 14	0 44	23 41	0 11	20 46	0 39	7 19	1 45	7 23	14 45	3 58	4 32	22 59		n.a.
S 8	17 16	27 16	4 34	19 1	1 43	3 45	7 29	21 32	0 3	22 12	0 44	23 40	0 12	20 45	0 39	7 18	1 45	7 22	14 45	3 56	4 31	22 57		n.a.
S 9	16 59	28 44	4 59	18 22	1 38	3 44	7 39	21 40	0 2	22 10	0 44	23 40	0 12	20 44	0 39	7 17	1 45	7 22	14 45	3 54	4 30	22 55		n.a.
M10	16 41	28 12	5 5	17 41	1 32	3 44	7 48	21 48	0 1	22 7	0 44	23 40	0 12	20 44	0 39	7 17	1 45	7 21	14 44	3 51	4 28	22 53		n.a.
T 11	16 23	25 35	4 50	16 59	1 26	3 46	7 56	21 56	0s 0	22 5	0 45	23 39	0 12	20 43	0 39	7 16	1 45	7 21	14 44	3 48	4 27	22 50		n.a.
W12	16 5	21 7	4 14	16 14	1 19	3 49	8 3	22 4	0 1	22 2	0 45	23 39	0 12	20 42	0 39	7 15	1 45	7 20	14 44	3 44	4 26	22 48		n.a.
T 13	15 47	15 15	3 20	15 28	1 12	3 53	8 10	22 11	0 2	22 0	0 45	23 39	0 12	20 41	0 39	7 14	1 45	7 20	14 44	3 42	4 25	22 46		n.a.
F 14	15 29	8 33	2 12	14 41	1 4	3 58	8 16	22 19	0 3	21 57	0 45	23 38	0 12	20 41	0 39	7 13	1 45	7 19	14 43	3 40	4 23	22 44		n.a.
S 15	15 10	1 33	0 57	13 52	0 55	4 4	8 21	22 26	0 4	21 55	0 45	23 38	0 12	20 40	0 39	7 12	1 45	7 19	14 43	3 39	4 22	22 42		n.a.
S 16	14 51	5s21	0s19	13 1	0 46	4 12	8 26	22 33	0 6	21 52	0 45	23 38	0 12	20 39	0 39	7 12	1 45	7 18	14 43	3 39	4 21	22 39		n.a.
M17	14 32	11 46	1 32	12 10	0 36	4 21	8 29	22 40	0 7	21 50	0 45	23 37	0 12	20 38	0 39	7 11	1 45	7 17	14 42	3 39	4 19	22 37		n.a.
T 18	14 12	17 26	2 38	11 17	0 26	4 31	8 32	22 46	0 8	21 47	0 46	23 37	0 12	20 38	0 39	7 10	1 45	7 17	14 42	3 40	4 18	22 35		n.a.
W19	13 52	22 8	3 33	10 24	0 15	4 42	8 34	22 53	0 9	21 44	0 46	23 37	0 13	20 37	0 39	7 9	1 45	7 16	14 42	3 40	4 17	22 33		n.a.
T 20	13 33	25 41	4 17	9 30	0 4	4 54	8 34	22 59	0 10	21 42	0 46	23 36	0 13	20 36	0 39	7 8	1 45	7 16	14 42	3 40	4 16	22 30		n.a.
F 21	13 12	27 57	4 48	8 36	0n 8	5 7	8 34	23 5	0 11	21 39	0 46	23 36	0 13	20 36	0 39	7 7	1 45	7 15	14 41	3 39	4 14	22 28		n.a.
S 22	12 52	28 51	5 5	7 42	0 20	5 20	8 33	23 11	0 12	21 37	0 46	23 36	0 13	20 35	0 39	7 6	1 45	7 15	14 41	3 37	4 13	22 26		n.a.
S 23	12 32	28 22	5 8	6 48	0 32	5 35	8 31	23 17	0 13	21 34	0 46	23 35	0 13	20 34	0 39	7 6	1 45	7 14	14 41	3 34	4 12	22 23		n.a.
M24	12 11	26 35	4 59	5 55	0 45	5 49	8 28	23 22	0 15	21 31	0 46	23 35	0 13	20 33	0 39	7 5	1 45	7 13	14 41	3 31	4 11	22 21		n.a.
T 25	11 50	23 38	4 36	5 3	0 57	6 5	8 24	23 27	0 16	21 29	0 47	23 35	0 13	20 33	0 39	7 4	1 45	7 13	14 40	3 28	4 9	22 19		n.a.
W26	11 29	19 43	4 2	4 12	1 10	6 21	8 19	23 32	0 17	21 26	0 47	23 34	0 13	20 32	0 39	7 3	1 44	7 12	14 40	3 25	4 8	22 17		n.a.
T 27	11 8	15 0	3 17	3 22	1 22	6 37	8 13	23 37	0 18	21 24	0 47	23 34	0 13	20 31	0 39	7 2	1 44	7 12	14 40	3 23	4 7	22 14		n.a.
F 28	10 46	9 43	2 23	2 34	1 34	6 53	8 7	23 42	0 19	21 21	0 47	23 34	0 13	20 31	0 39	7 1	1 44	7 11	14 40	3 21	4 6	22 12		n.a.
S 29	10s25	4s 2	1s22	1s48	1n46	7s10	8n 0	23s46	0s21	21s18	0s47	23s33	0s13	20s30	0s39	7s 0	1s44	7s10	14s39	3n20	4n 4	22s10		n.a.

Julian Day Number = 1501938.5, Delta T = 05h06m11s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'21, Lahiri = -12°15'21 Julian Calendar 1 Feb. 601 BCE == Greg. Calendar 25 Jan. 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

MARCH 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 9 16	4♓20'31	5♈12	22♓50	20°R22	21♐10	29♑43	10♑49	2♒35	16♓31	15♈54	8°D16	10♈ 6	10♒28	n.a.	S 1
M 2	10 13 12	5°19'28	17°31	24° 7	19♒54	21°52	29°56	10°54	2°38	16°34	15°55	8♈16	10° 2	10°35	n.a.	M 2
T 3	10 17 9	6°18'23	0♉ 1	25°19	19°29	22°34	0♒ 9	10°59	2°41	16°36	15°56	8°18	9°59	10°41	n.a.	T 3
W 4	10 21 5	7°17'16	12°46	26°24	19° 6	23°16	0°22	11° 4	2°44	16°38	15°57	8°19	9°56	10°48	n.a.	W 4
T 5	10 25 2	8°16'06	25°50	27°24	18°45	23°58	0°35	11° 9	2°47	16°40	15°58	8°21	9°53	10°55	n.a.	T 5
F 6	10 28 59	9°14'54	9♊14	28°17	18°26	24°39	0°48	11°14	2°50	16°42	15°59	8°R21	9°50	11° 2	n.a.	F 6
S 7	10 32 55	10°13'40	23° 2	29° 5	18°10	25°21	1° 0	11°19	2°52	16°45	16° 0	8°21	9°47	11° 8	n.a.	S 7
S 8	10 36 52	11°12'23	7♋14	29°45	17°56	26° 3	1°13	11°24	2°55	16°47	16° 1	8°19	9°43	11°15	n.a.	S 8
M 9	10 40 48	12°11'04	21°47	0♈20	17°45	26°45	1°26	11°28	2°58	16°49	16° 3	8°16	9°40	11°22	n.a.	M 9
T 10	10 44 45	13° 9'42	6♌38	0°48	17°36	27°26	1°38	11°33	3° 1	16°51	16° 4	8°12	9°37	11°28	n.a.	T 10
W11	10 48 41	14° 8'18	21°40	1° 9	17°30	28° 8	1°50	11°38	3° 4	16°54	16° 5	8° 9	9°34	11°35	n.a.	W11
T 12	10 52 38	15° 6'52	6♍44	1°24	17°26	28°50	2° 3	11°42	3° 7	16°56	16° 6	8° 6	9°31	11°42	n.a.	T 12
F 13	10 56 34	16° 5'23	21°41	1°32	17°D24	29°32	2°15	11°47	3° 9	16°58	16° 7	8° 5	9°27	11°49	n.a.	F 13
S 14	11 0 31	17° 3'53	6♎23	1°R35	17°25	0♑13	2°27	11°51	3°12	17° 1	16° 8	8°D 4	9°24	11°55	n.a.	S 14
S 15	11 4 27	18° 2'21	20°43	1°31	17°28	0°55	2°40	11°55	3°15	17° 3	16°10	8° 4	9°21	12° 2	n.a.	S 15
M16	11 8 24	19° 0'47	4♏38	1°22	17°34	1°37	2°52	11°59	3°17	17° 5	16°11	8° 5	9°18	12° 9	n.a.	M16
T 17	11 12 21	19°59'11	18° 6	1° 7	17°42	2°18	3° 4	12° 3	3°20	17° 7	16°12	8° 7	9°15	12°15	n.a.	T 17
W18	11 16 17	20°57'34	1♐10	0°46	17°52	3° 0	3°16	12° 8	3°23	17°10	16°13	8° 8	9°12	12°22	n.a.	W18
T 19	11 20 14	21°55'55	13°50	0°22	18° 4	3°42	3°27	12°11	3°25	17°12	16°15	8° 9	9° 8	12°29	n.a.	T 19
F 20	11 24 10	22°54'14	26°12	29♓53	18°18	4°23	3°39	12°15	3°28	17°14	16°16	8°R 9	9° 5	12°35	n.a.	F 20
S 21	11 28 7	23°52'31	8♑20	29°20	18°34	5° 5	3°51	12°19	3°30	17°16	16°17	8° 8	9° 2	12°42	n.a.	S 21
S 22	11 32 3	24°50'47	20°17	28°45	18°52	5°46	4° 2	12°23	3°33	17°19	16°18	8° 7	8°59	12°49	n.a.	S 22
M23	11 36 0	25°49'01	2♒ 9	28° 7	19°12	6°28	4°14	12°26	3°35	17°21	16°20	8° 6	8°56	12°56	n.a.	M23
T 24	11 39 56	26°47'14	13°59	27°28	19°34	7° 9	4°25	12°30	3°37	17°23	16°21	8° 4	8°53	13° 2	n.a.	T 24
W25	11 43 53	27°45'25	25°51	26°48	19°57	7°51	4°37	12°34	3°40	17°25	16°22	8° 2	8°49	13° 9	n.a.	W25
T 26	11 47 50	28°43'34	7♓47	26° 9	20°23	8°32	4°48	12°37	3°42	17°28	16°24	8° 1	8°46	13°16	n.a.	T 26
F 27	11 51 46	29°41'41	19°51	25°29	20°49	9°13	4°59	12°40	3°44	17°30	16°25	8° 0	8°43	13°22	n.a.	F 27
S 28	11 55 43	0♈39'47	2♈ 3	24°51	21°18	9°55	5°10	12°43	3°47	17°32	16°26	8°D 0	8°40	13°29	n.a.	S 28
S 29	11 59 39	1°37'50	14°26	24°15	21°48	10°36	5°21	12°46	3°49	17°34	16°27	8° 0	8°37	13°36	n.a.	S 29
M30	12 3 36	2°35'52	27° 1	23°41	22°19	11°17	5°32	12°50	3°51	17°36	16°29	8° 0	8°33	13°42	n.a.	M30
T 31	12 7 32	3♈33'52	9♉48	23♓11	22♒52	11♑59	5♒42	12♑52	3♒53	17♓39	16♈30	8♈ 1	8♈30	13♒49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	10s 3	1n51	0s17	1s 5	1n58	7s26	7n52	23s50	0s22	21s16	0s47	23s33	0s14	20s29	0s39	6s59	1s44	7s10	14s39	3n19	4n 3	22s 7			n.a.
M 2	9 41	7 44	0n50	0 24	2 9	7 43	7 43	23 54	0 23	21 13	0 47	23 33	0 14	20 29	0 39	6 59	1 44	7 9	14 39	3 19	4 2	22 5			n.a.
T 3	9 19	13 26	1 56	0n15	2 20	7 59	7 34	23 58	0 24	21 10	0 48	23 32	0 14	20 28	0 39	6 58	1 44	7 9	14 39	3 20	4 1	22 3			n.a.
W 4	8 57	18 42	2 58	0 51	2 30	8 16	7 25	24 2	0 26	21 8	0 48	23 32	0 14	20 27	0 39	6 57	1 44	7 8	14 38	3 21	3 59	22 0			n.a.
T 5	8 35	23 13	3 51	1 23	2 39	8 32	7 14	24 5	0 27	21 5	0 48	23 32	0 14	20 27	0 39	6 56	1 44	7 7	14 38	3 21	3 58	21 58			n.a.
F 6	8 13	26 39	4 34	1 52	2 48	8 47	7 4	24 8	0 28	21 2	0 48	23 31	0 14	20 26	0 39	6 55	1 44	7 7	14 38	3 21	3 57	21 56			n.a.
S 7	7 50	28 37	5 2	2 19	2 56	9 3	6 53	24 11	0 30	21 0	0 48	23 31	0 14	20 25	0 39	6 54	1 44	7 6	14 38	3 21	3 55	21 53			n.a.
S 8	7 28	28 47	5 13	2 41	3 3	9 17	6 42	24 14	0 31	20 57	0 48	23 31	0 14	20 25	0 39	6 53	1 44	7 5	14 38	3 20	3 54	21 51			n.a.
M 9	7 5	27 0	5 5	3 0	3 8	9 32	6 30	24 16	0 32	20 54	0 49	23 30	0 14	20 24	0 39	6 52	1 44	7 5	14 37	3 19	3 53	21 49			n.a.
T 10	6 42	23 19	4 36	3 16	3 13	9 46	6 19	24 18	0 34	20 52	0 49	23 30	0 14	20 23	0 39	6 51	1 44	7 4	14 37	3 18	3 52	21 46			n.a.
W11	6 19	18 4	3 48	3 28	3 17	9 59	6 7	24 20	0 35	20 49	0 49	23 30	0 15	20 23	0 39	6 51	1 44	7 4	14 37	3 17	3 50	21 44			n.a.
T 12	5 57	11 42	2 44	3 36	3 19	10 12	5 55	24 22	0 36	20 47	0 49	23 29	0 15	20 22	0 39	6 50	1 44	7 3	14 37	3 16	3 49	21 42			n.a.
F 13	5 34	4 42	1 29	3 40	3 20	10 24	5 43	24 24	0 38	20 44	0 49	23 29	0 15	20 21	0 39	6 49	1 44	7 2	14 37	3 15	3 48	21 39			n.a.
S 14	5 11	2s26	0 9	3 41	3 19	10 35	5 30	24 25	0 39	20 41	0 50	23 29	0 15	20 21	0 39	6 48	1 44	7 2	14 37	3 15	3 47	21 37			n.a.
S 15	4 48	9 16	1s 9	3 38	3 18	10 46	5 18	24 27	0 41	20 39	0 50	23 29	0 15	20 20	0 39	6 47	1 44	7 1	14 36	3 15	3 45	21 34			n.a.
M16	4 24	15 27	2 21	3 31	3 14	10 56	5 6	24 28	0 42	20 36	0 50	23 28	0 15	20 20	0 39	6 46	1 44	7 1	14 36	3 15	3 44	21 32			n.a.
T 17	4 1	20 42	3 23	3 20	3 10	11 5	4 54	24 28	0 43	20 33	0 50	23 28	0 15	20 19	0 39	6 45	1 44	7 0	14 36	3 16	3 43	21 30			n.a.
W18	3 38	24 47	4 13	3 7	3 4	11 13	4 42	24 29	0 45	20 31	0 50	23 28	0 15	20 18	0 39	6 44	1 44	6 59	14 36	3 16	3 42	21 27			n.a.
T 19	3 15	27 32	4 48	2 50	2 56	11 21	4 30	24 29	0 46	20 28	0 50	23 27	0 15	20 18	0 39	6 43	1 44	6 59	14 36	3 16	3 40	21 25			n.a.
F 20	2 51	28 52	5 9	2 30	2 47	11 28	4 18	24 30	0 48	20 26	0 51	23 27	0 15	20 17	0 39	6 43	1 44	6 58	14 36	3 17	3 39	21 22			n.a.
S 21	2 28	28 45	5 16	2 8	2 37	11 34	4 6	24 30	0 49	20 23	0 51	23 27	0 16	20 17	0 39	6 42	1 44	6 58	14 35	3 16	3 38	21 20			n.a.
S 22	2 5	27 18	5 9	1 43	2 25	11 40	3 54	24 29	0 51	20 20	0 51	23 27	0 16	20 16	0 39	6 41	1 44	6 57	14 35	3 16	3 36	21 18			n.a.
M23	1 41	24 38	4 49	1 16	2 13	11 45	3 43	24 29	0 52	20 18	0 51	23 26	0 16	20 16	0 39	6 40	1 45	6 56	14 35	3 15	3 35	21 15			n.a.
T 24	1 18	20 56	4 16	0 48	1 59	11 49	3 31	24 28	0 54	20 15	0 51	23 26	0 16	20 15	0 39	6 39	1 45	6 56	14 35	3 15	3 34	21 13			n.a.
W25	0 54	16 24	3 33	0 18	1 44	11 52	3 20	24 27	0 55	20 13	0 52	23 26	0 16	20 14	0 40	6 38	1 45	6 55	14 35	3 14	3 33	21 10			n.a.
T 26	0 31	11 13	2 40	0s12	1 29	11 55	3 9	24 26	0 57	20 10	0 52	23 26	0 16	20 14	0 40	6 37	1 45	6 54	14 35	3 13	3 31	21 8			n.a.
F 27	0 7	5 35	1 39	0 43	1 13	11 56	2 58	24 25	0 58	20 8	0 52	23 26	0 16	20 13	0 40	6 36	1 45	6 54	14 35	3 13	3 30	21 5			n.a.
S 28	0n16	0n20	0 33	1 13	0 56	11 57	2 47	24 24	1 0	20 5	0 52	23 25	0 16	20 13	0 40	6 36	1 45	6 53	14 35	3 13	3 29	21 3			n.a.
S 29	0 39	6 19	0n36	1 43	0 40	11 58	2 37	24 22	1 2	20 3	0 53	23 25	0 16	20 12	0 40	6 35	1 45	6 53	14 34	3 13	3 28	21 0			n.a.
M30	1 3	12 9	1 43	2 11	0 23	11 57	2 27	24 20	1 3	20 0	0 53	23 25	0 17	20 12	0 40	6 34	1 45	6 52	14 34	3 13	3 26	20 58			n.a.
T 31	1n26	17n36	2n47	2s39	0n 6	11s56	2n16	24s18	1s 5	19s58	0s53	23s25	0s17	20s11	0s40	6s33	1s45	6s52	14s34	3n13	3n25	20s55			n.a.

Julian Day Number = 1501967.5, Delta T = 05h06m10s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'17, Lahiri = -12°15'17 Julian Calendar 1 March 601 BCE == Greg. Calendar 23 Feb. 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

APRIL 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 11 29	4♈31'51	22♉50	22°R44	23♒26	12♋40	5♒53	12♋55	3♒55	17♓41	16♈31	8♈ 1	8♈27	13♒56	n.a.	W 1
T 2	12 15 25	5°29'47	6♊ 6	22♓20	24° 1	13°21	6° 4	12°58	3°57	17°43	16°33	8° 1	8°24	14° 2	n.a.	T 2
F 3	12 19 22	6°27'42	19°38	22° 1	24°37	14° 2	6°14	13° 1	3°59	17°45	16°34	8° 1	8°21	14° 9	n.a.	F 3
S 4	12 23 18	7°25'34	3♋26	21°46	25°15	14°43	6°24	13° 3	4° 1	17°47	16°35	8° 2	8°18	14°16	n.a.	S 4
S 5	12 27 15	8°23'25	17°30	21°36	25°54	15°24	6°34	13° 6	4° 3	17°49	16°37	8° 2	8°14	14°23	n.a.	S 5
M 6	12 31 12	9°21'14	1♌48	21°30	26°34	16° 5	6°45	13° 8	4° 5	17°52	16°38	8° 2	8°11	14°29	n.a.	M 6
T 7	12 35 8	10°19'00	16°18	21°D29	27°15	16°46	6°55	13°10	4° 7	17°54	16°40	8° 2	8° 8	14°36	n.a.	T 7
W 8	12 39 5	11°16'45	0♍55	21°33	27°57	17°27	7° 4	13°13	4° 9	17°56	16°41	8° 2	8° 5	14°43	n.a.	W 8
T 9	12 43 1	12°14'28	15°34	21°41	28°40	18° 7	7°14	13°15	4°10	17°58	16°42	8° 2	8° 2	14°49	n.a.	T 9
F 10	12 46 58	13°12'10	0♎10	21°54	29°24	18°48	7°24	13°17	4°12	18° 0	16°44	8° 3	7°59	14°56	n.a.	F 10
S 11	12 50 54	14° 9'50	14°36	22°11	0♓ 8	19°29	7°33	13°19	4°14	18° 2	16°45	8°R 3	7°55	15° 3	n.a.	S 11
S 12	12 54 51	15° 7'28	28°46	22°33	0°54	20° 9	7°43	13°21	4°16	18° 4	16°46	8° 2	7°52	15° 9	n.a.	S 12
M13	12 58 47	16° 5'05	12♏36	22°59	1°40	20°50	7°52	13°22	4°17	18° 6	16°48	8° 2	7°49	15°16	n.a.	M13
T 14	13 2 44	17° 2'41	26° 5	23°30	2°28	21°30	8° 1	13°24	4°19	18° 8	16°49	8° 0	7°46	15°23	n.a.	T 14
W15	13 6 41	18° 0'16	9♐11	24° 4	3°16	22°11	8°10	13°26	4°20	18°10	16°50	7°59	7°43	15°30	n.a.	W15
T 16	13 10 37	18°57'50	21°55	24°42	4° 5	22°51	8°19	13°27	4°22	18°12	16°52	7°58	7°39	15°36	n.a.	T 16
F 17	13 14 34	19°55'22	4♑20	25°24	4°54	23°32	8°28	13°28	4°23	18°14	16°53	7°57	7°36	15°43	n.a.	F 17
S 18	13 18 30	20°52'54	16°30	26°10	5°44	24°12	8°37	13°30	4°24	18°16	16°54	7°D57	7°33	15°50	n.a.	S 18
S 19	13 22 27	21°50'24	28°29	27° 0	6°35	24°52	8°45	13°31	4°26	18°18	16°56	7°57	7°30	15°56	n.a.	S 19
M20	13 26 23	22°47'54	10♒22	27°53	7°27	25°32	8°53	13°32	4°27	18°20	16°57	7°57	7°27	16° 3	n.a.	M20
T 21	13 30 20	23°45'22	22°12	28°49	8°19	26°12	9° 2	13°33	4°28	18°22	16°59	7°58	7°24	16°10	n.a.	T 21
W22	13 34 16	24°42'50	4♓ 6	29°48	9°12	26°52	9°10	13°34	4°29	18°24	17° 0	8° 0	7°20	16°16	n.a.	W22
T 23	13 38 13	25°40'16	16° 7	0♈51	10° 5	27°32	9°18	13°34	4°31	18°26	17° 1	8° 1	7°17	16°23	n.a.	T 23
F 24	13 42 10	26°37'42	28°18	1°57	10°59	28°12	9°26	13°35	4°32	18°28	17° 3	8° 2	7°14	16°30	n.a.	F 24
S 25	13 46 6	27°35'07	10♈41	3° 6	11°53	28°51	9°33	13°36	4°33	18°30	17° 4	8°R 2	7°11	16°36	n.a.	S 25
S 26	13 50 3	28°32'30	23°20	4°18	12°48	29°31	9°41	13°36	4°34	18°32	17° 5	8° 2	7° 8	16°43	n.a.	S 26
M27	13 53 59	29°29'53	6♉15	5°32	13°44	0♒10	9°48	13°37	4°35	18°33	17° 7	8° 0	7° 4	16°50	n.a.	M27
T 28	13 57 56	0♉27'15	19°25	6°50	14°40	0°50	9°56	13°37	4°36	18°35	17° 8	7°57	7° 1	16°57	n.a.	T 28
W29	14 1 52	1°24'35	2♊50	8°10	15°36	1°29	10° 3	13°37	4°36	18°37	17° 9	7°54	6°58	17° 3	n.a.	W29
T 30	14 5 49	2♉21'55	16♊29	9♈33	16♓33	2♒ 8	10♒10	13°R37	4♒37	18♓39	17♈11	7♈51	6♈55	17♒10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n49	22n20	3n44	3s 5	0s10	11s55	2n 6	24s16	1s 6	19s55	0s53	23s25	0s17	20s11	0s40	6s32	1s45	6s51	14s34	3n13	3n24	20s53		n.a.
T 2	2 13	26 2	4 29	3 29	0 26	11 52	1 57	24 13	1 8	19 53	0 53	23 24	0 17	20 11	0 40	6 31	1 45	6 50	14 34	3 13	3 23	20 50		n.a.
F 3	2 36	28 22	5 1	3 51	0 42	11 49	1 47	24 10	1 10	19 50	0 54	23 24	0 17	20 10	0 40	6 30	1 45	6 50	14 34	3 14	3 21	20 48		n.a.
S 4	2 59	28 59	5 16	4 11	0 57	11 45	1 38	24 8	1 11	19 48	0 54	23 24	0 17	20 10	0 40	6 30	1 45	6 49	14 34	3 14	3 20	20 45		n.a.
S 5	3 22	27 46	5 13	4 28	1 12	11 40	1 29	24 5	1 13	19 46	0 54	23 24	0 17	20 9	0 40	6 29	1 45	6 49	14 34	3 14	3 19	20 43		n.a.
M 6	3 45	24 45	4 50	4 43	1 25	11 35	1 20	24 1	1 15	19 43	0 54	23 24	0 17	20 9	0 40	6 28	1 45	6 48	14 34	3 14	3 17	20 40		n.a.
T 7	4 8	20 7	4 9	4 55	1 38	11 29	1 11	23 58	1 16	19 41	0 55	23 24	0 17	20 8	0 40	6 27	1 45	6 47	14 34	3 14	3 16	20 38		n.a.
W 8	4 31	14 17	3 12	5 5	1 50	11 23	1 2	23 54	1 18	19 39	0 55	23 24	0 18	20 8	0 40	6 26	1 45	6 47	14 34	3 14	3 15	20 35		n.a.
T 9	4 54	7 37	2 1	5 12	2 2	11 16	0 54	23 50	1 20	19 36	0 55	23 24	0 18	20 8	0 40	6 26	1 45	6 46	14 34	3 14	3 14	20 33		n.a.
F 10	5 17	0 36	0 44	5 16	2 12	11 8	0 46	23 47	1 21	19 34	0 55	23 24	0 18	20 7	0 40	6 25	1 45	6 46	14 34	3 14	3 12	20 30		n.a.
S 11	5 40	6s23	0s36	5 18	2 22	11 0	0 37	23 42	1 23	19 32	0 55	23 23	0 18	20 7	0 40	6 24	1 45	6 45	14 34	3 14	3 11	20 28		n.a.
S 12	6 2	12 56	1 52	5 18	2 30	10 51	0 30	23 38	1 25	19 29	0 56	23 23	0 18	20 6	0 40	6 23	1 45	6 45	14 33	3 14	3 10	20 25		n.a.
M13	6 25	18 41	3 0	5 14	2 38	10 41	0 22	23 34	1 27	19 27	0 56	23 23	0 18	20 6	0 40	6 22	1 45	6 44	14 33	3 14	3 9	20 23		n.a.
T 14	6 47	23 21	3 56	5 8	2 45	10 31	0 15	23 29	1 29	19 25	0 56	23 23	0 18	20 6	0 40	6 22	1 45	6 44	14 33	3 13	3 7	20 20		n.a.
W15	7 9	26 42	4 37	5 0	2 51	10 20	0 7	23 24	1 30	19 23	0 56	23 23	0 18	20 5	0 40	6 21	1 45	6 43	14 33	3 13	3 6	20 18		n.a.
T 16	7 32	28 35	5 4	4 49	2 56	10 9	0 0	23 19	1 32	19 21	0 57	23 23	0 18	20 5	0 40	6 20	1 45	6 43	14 33	3 12	3 5	20 15		n.a.
F 17	7 54	28 57	5 16	4 36	3 1	9 57	0s 7	23 14	1 34	19 19	0 57	23 23	0 19	20 5	0 40	6 19	1 45	6 42	14 33	3 12	3 3	20 12		n.a.
S 18	8 16	27 54	5 13	4 21	3 4	9 44	0 13	23 8	1 36	19 17	0 57	23 23	0 19	20 5	0 40	6 18	1 45	6 42	14 33	3 12	3 2	20 10		n.a.
S 19	8 37	25 35	4 56	4 4	3 7	9 31	0 20	23 3	1 38	19 15	0 57	23 23	0 19	20 4	0 40	6 18	1 45	6 41	14 33	3 12	3 1	20 7		n.a.
M20	8 59	22 10	4 27	3 44	3 9	9 18	0 26	22 57	1 39	19 13	0 58	23 23	0 19	20 4	0 40	6 17	1 45	6 41	14 33	3 12	3 0	20 5		n.a.
T 21	9 21	17 52	3 47	3 23	3 10	9 4	0 32	22 51	1 41	19 11	0 58	23 23	0 19	20 4	0 40	6 16	1 45	6 40	14 33	3 12	2 58	20 2		n.a.
W22	9 42	12 52	2 57	2 59	3 10	8 49	0 38	22 45	1 43	19 9	0 58	23 23	0 19	20 3	0 40	6 16	1 45	6 40	14 33	3 13	2 57	19 59		n.a.
T 23	10 3	7 22	1 58	2 33	3 10	8 34	0 44	22 39	1 45	19 7	0 59	23 23	0 19	20 3	0 40	6 15	1 45	6 39	14 33	3 13	2 56	19 57		n.a.
F 24	10 24	1 30	0 54	2 6	3 9	8 18	0 49	22 33	1 47	19 5	0 59	23 23	0 19	20 3	0 41	6 14	1 45	6 39	14 33	3 14	2 55	19 54		n.a.
S 25	10 45	4n31	0n15	1 37	3 7	8 2	0 55	22 27	1 49	19 3	0 59	23 23	0 20	20 3	0 41	6 13	1 45	6 38	14 33	3 14	2 53	19 52		n.a.
S 26	11 6	10 29	1 23	1 5	3 5	7 46	1 0	22 20	1 51	19 1	0 59	23 23	0 20	20 3	0 41	6 13	1 45	6 38	14 33	3 14	2 52	19 49		n.a.
M27	11 27	16 8	2 29	0 33	3 2	7 29	1 5	22 13	1 53	19 0	1 0	23 23	0 20	20 2	0 41	6 12	1 46	6 37	14 33	3 13	2 51	19 46		n.a.
T 28	11 47	21 10	3 28	0n 2	2 58	7 12	1 10	22 7	1 54	18 58	1 0	23 24	0 20	20 2	0 41	6 11	1 46	6 37	14 33	3 12	2 49	19 44		n.a.
W29	12 8	25 13	4 17	0 38	2 54	6 54	1 15	22 0	1 56	18 56	1 0	23 24	0 20	20 2	0 41	6 11	1 46	6 36	14 34	3 11	2 48	19 41		n.a.
T 30	12n28	27n55	4n52	1n16	2s49	6s36	1s19	21s53	1s58	18s55	1s 0	23s24	0s20	20s 2	0s41	6s10	1s46	6s36	14s34	3n 9	2n47	19s39		n.a.

Julian Day Number = 1501998.5, Delta T = 05h06m08s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'13, Lahiri = -12°15'13 Julian Calendar 1 Apr. 601 BCE == Greg. Calendar 26 March 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

MAY 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 9 45	3♉19'13	0♋19	10♈59	17♓30	2♒47	10♒17	13°R37	4♒38	18♓41	17♈12	7°R47	6♈52	17♒17	n.a.	F 1
S 2	14 13 42	4°16'31	14°18	12°28	18°27	3°26	10°23	13♑37	4°39	18°42	17°13	7♈45	6°49	17°23	n.a.	S 2
S 3	14 17 39	5°13'47	28°24	13°59	19°25	4° 5	10°30	13°37	4°39	18°44	17°14	7°44	6°45	17°30	n.a.	S 3
M 4	14 21 35	6°11'02	12♌36	15°33	20°24	4°43	10°36	13°36	4°40	18°46	17°16	7°D44	6°42	17°37	n.a.	M 4
T 5	14 25 32	7° 8'16	26°50	17° 9	21°22	5°22	10°42	13°36	4°41	18°47	17°17	7°45	6°39	17°43	n.a.	T 5
W 6	14 29 28	8° 5'29	11♍ 5	18°49	22°21	6° 0	10°49	13°36	4°41	18°49	17°18	7°46	6°36	17°50	n.a.	W 6
T 7	14 33 25	9° 2'41	25°19	20°30	23°21	6°39	10°54	13°35	4°42	18°50	17°20	7°48	6°33	17°57	n.a.	T 7
F 8	14 37 21	9°59'52	9♎27	22°15	24°20	7°17	11° 0	13°34	4°42	18°52	17°21	7°R48	6°30	18° 3	n.a.	F 8
S 9	14 41 18	10°57'02	23°28	24° 2	25°21	7°55	11° 6	13°33	4°42	18°54	17°22	7°47	6°26	18°10	n.a.	S 9
S 10	14 45 15	11°54'11	7♏18	25°51	26°21	8°33	11°11	13°33	4°43	18°55	17°23	7°45	6°23	18°17	n.a.	S 10
M11	14 49 11	12°51'20	20°53	27°43	27°22	9°11	11°16	13°32	4°43	18°57	17°25	7°40	6°20	18°24	n.a.	M11
T 12	14 53 8	13°48'28	4♐11	29°38	28°23	9°48	11°21	13°31	4°43	18°58	17°26	7°35	6°17	18°30	n.a.	T 12
W13	14 57 4	14°45'36	17°11	1♑35	29°24	10°26	11°26	13°29	4°43	19° 0	17°27	7°29	6°14	18°37	n.a.	W13
T 14	15 1 1	15°42'44	29°52	3°34	0♈26	11° 3	11°31	13°28	4°44	19° 1	17°28	7°23	6°10	18°44	n.a.	T 14
F 15	15 4 57	16°39'52	12♑17	5°35	1°28	11°40	11°36	13°27	4°44	19° 2	17°30	7°18	6° 7	18°50	n.a.	F 15
S 16	15 8 54	17°36'59	24°27	7°38	2°30	12°17	11°40	13°25	4°R44	19° 4	17°31	7°14	6° 4	18°57	n.a.	S 16
S 17	15 12 50	18°34'06	6♒26	9°43	3°32	12°54	11°44	13°24	4°44	19° 5	17°32	7°11	6° 1	19° 4	n.a.	S 17
M18	15 16 47	19°31'13	18°19	11°50	4°35	13°31	11°48	13°22	4°44	19° 7	17°33	7°D10	5°58	19°10	n.a.	M18
T 19	15 20 44	20°28'20	0♓10	13°57	5°38	14° 8	11°52	13°20	4°43	19° 8	17°34	7°11	5°55	19°17	n.a.	T 19
W20	15 24 40	21°25'26	12° 4	16° 7	6°41	14°44	11°56	13°19	4°43	19° 9	17°36	7°12	5°51	19°24	n.a.	W20
T 21	15 28 37	22°22'33	24° 7	18°17	7°44	15°20	12° 0	13°17	4°43	19°10	17°37	7°13	5°48	19°30	n.a.	T 21
F 22	15 32 33	23°19'40	6♈23	20°27	8°48	15°56	12° 3	13°15	4°43	19°12	17°38	7°R14	5°45	19°37	n.a.	F 22
S 23	15 36 30	24°16'46	18°55	22°38	9°52	16°32	12° 6	13°13	4°43	19°13	17°39	7°13	5°42	19°44	n.a.	S 23
S 24	15 40 26	25°13'53	1♉47	24°49	10°56	17° 7	12° 9	13°10	4°42	19°14	17°40	7°11	5°39	19°50	n.a.	S 24
M25	15 44 23	26°11'00	15° 0	27° 0	12° 0	17°43	12°12	13° 8	4°42	19°15	17°41	7° 6	5°36	19°57	n.a.	M25
T 26	15 48 19	27° 8'07	28°33	29°10	13° 4	18°18	12°14	13° 6	4°41	19°16	17°42	6°59	5°32	20° 4	n.a.	T 26
W27	15 52 16	28° 5'14	12♊24	1♊19	14° 9	18°53	12°17	13° 3	4°41	19°17	17°43	6°52	5°29	20°11	n.a.	W27
T 28	15 56 13	29° 2'21	26°30	3°28	15°14	19°28	12°19	13° 1	4°40	19°18	17°44	6°43	5°26	20°17	n.a.	T 28
F 29	16 0 9	29°59'27	10♋45	5°35	16°19	20° 2	12°21	12°58	4°40	19°19	17°46	6°36	5°23	20°24	n.a.	F 29
S 30	16 4 6	0♊56'34	25° 4	7°42	17°24	20°36	12°23	12°56	4°39	19°20	17°47	6°29	5°20	20°31	n.a.	S 30
S 31	16 8 2	1♊53'40	9♌23	9♊46	18♈29	21♒10	12♒25	12♑53	4♒39	19♓21	17♈48	6♈25	5♈16	20♒37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n48	28n57	5n11	1n55	2s43	6s17	1s24	21s45	2s 0	18s53	1s 1	23s24	0s20	20s 2	0s41	6s 9	1s46	6s35	14s34	3n 8	2n46	19s36		n.a.
S 2	13 7	28 9	5 11	2 35	2 37	5 59	1 28	21 38	2 2	18 51	1 1	23 24	0 20	20 2	0 41	6 9	1 46	6 35	14 34	3 7	2 44	19 33		n.a.
S 3	13 27	25 33	4 53	3 17	2 30	5 39	1 32	21 31	2 4	18 50	1 1	23 24	0 20	20 1	0 41	6 8	1 46	6 34	14 34	3 7	2 43	19 31		n.a.
M 4	13 46	21 22	4 17	4 1	2 23	5 20	1 36	21 23	2 6	18 48	1 2	23 24	0 21	20 1	0 41	6 7	1 46	6 34	14 34	3 7	2 42	19 28		n.a.
T 5	14 5	15 57	3 26	4 45	2 15	5 0	1 40	21 16	2 8	18 47	1 2	23 24	0 21	20 1	0 41	6 7	1 46	6 34	14 34	3 7	2 41	19 25		n.a.
W 6	14 24	9 40	2 21	5 31	2 7	4 39	1 44	21 8	2 10	18 45	1 2	23 25	0 21	20 1	0 41	6 6	1 46	6 33	14 34	3 7	2 39	19 23		n.a.
T 7	14 43	2 55	1 8	6 18	1 58	4 19	1 47	21 0	2 12	18 44	1 2	23 25	0 21	20 1	0 41	6 6	1 46	6 33	14 34	3 8	2 38	19 20		n.a.
F 8	15 1	3s56	0s 9	7 6	1 49	3 58	1 50	20 52	2 14	18 43	1 3	23 25	0 21	20 1	0 41	6 5	1 46	6 32	14 34	3 8	2 37	19 17		n.a.
S 9	15 19	10 33	1 25	7 55	1 39	3 36	1 53	20 44	2 16	18 42	1 3	23 25	0 21	20 1	0 41	6 5	1 46	6 32	14 34	3 8	2 35	19 15		n.a.
S 10	15 37	16 33	2 34	8 44	1 29	3 15	1 56	20 36	2 18	18 40	1 3	23 25	0 21	20 1	0 41	6 4	1 46	6 32	14 34	3 7	2 34	19 12		n.a.
M11	15 55	21 39	3 33	9 35	1 19	2 53	1 59	20 28	2 20	18 39	1 4	23 26	0 21	20 1	0 41	6 3	1 46	6 31	14 34	3 5	2 33	19 9		n.a.
T 12	16 12	25 31	4 19	10 26	1 9	2 31	2 2	20 19	2 23	18 38	1 4	23 26	0 22	20 1	0 41	6 3	1 46	6 31	14 35	3 3	2 32	19 7		n.a.
W13	16 29	27 58	4 51	11 17	0 58	2 9	2 5	20 11	2 25	18 37	1 4	23 26	0 22	20 1	0 41	6 2	1 46	6 30	14 35	3 1	2 30	19 4		n.a.
T 14	16 46	28 54	5 7	12 8	0 47	1 46	2 7	20 3	2 27	18 36	1 4	23 26	0 22	20 1	0 41	6 2	1 46	6 30	14 35	2 58	2 29	19 1		n.a.
F 15	17 3	28 19	5 9	13 0	0 36	1 23	2 9	19 54	2 29	18 35	1 5	23 27	0 22	20 1	0 41	6 1	1 46	6 30	14 35	2 56	2 28	18 58		n.a.
S 16	17 19	26 23	4 56	13 51	0 25	1 0	2 11	19 45	2 31	18 34	1 5	23 27	0 22	20 1	0 41	6 1	1 46	6 29	14 35	2 54	2 27	18 56		n.a.
S 17	17 35	23 17	4 31	14 42	0 14	0 37	2 13	19 37	2 33	18 33	1 5	23 27	0 22	20 1	0 41	6 0	1 47	6 29	14 35	2 53	2 25	18 53		n.a.
M18	17 51	19 15	3 54	15 33	0 3	0 13	2 15	19 28	2 35	18 32	1 6	23 27	0 22	20 1	0 41	6 0	1 47	6 29	14 35	2 53	2 24	18 50		n.a.
T 19	18 7	14 29	3 7	16 22	0n 8	0n10	2 17	19 19	2 37	18 31	1 6	23 28	0 22	20 1	0 41	5 59	1 47	6 28	14 35	2 53	2 23	18 48		n.a.
W20	18 22	9 9	2 12	17 11	0 18	0 34	2 19	19 11	2 39	18 31	1 6	23 28	0 23	20 1	0 42	5 59	1 47	6 28	14 35	2 54	2 21	18 45		n.a.
T 21	18 37	3 27	1 10	17 58	0 29	0 58	2 20	19 2	2 42	18 30	1 7	23 28	0 23	20 1	0 42	5 58	1 47	6 28	14 36	2 54	2 20	18 42		n.a.
F 22	18 52	2n30	0 5	18 44	0 39	1 22	2 21	18 53	2 44	18 29	1 7	23 29	0 23	20 1	0 42	5 58	1 47	6 28	14 36	2 54	2 19	18 39		n.a.
S 23	19 6	8 28	1n 3	19 27	0 48	1 47	2 23	18 44	2 46	18 29	1 7	23 29	0 23	20 1	0 42	5 58	1 47	6 27	14 36	2 54	2 18	18 37		n.a.
S 24	19 20	14 16	2 8	20 9	0 57	2 11	2 24	18 35	2 48	18 28	1 8	23 29	0 23	20 2	0 42	5 57	1 47	6 27	14 36	2 53	2 16	18 34		n.a.
M25	19 34	19 34	3 9	20 49	1 6	2 35	2 25	18 26	2 50	18 28	1 8	23 30	0 23	20 2	0 42	5 57	1 47	6 27	14 36	2 51	2 15	18 31		n.a.
T 26	19 47	24 1	4 0	21 27	1 14	3 0	2 26	18 17	2 53	18 27	1 8	23 30	0 23	20 2	0 42	5 56	1 47	6 26	14 36	2 49	2 14	18 28		n.a.
W27	20 0	27 12	4 39	22 2	1 21	3 25	2 26	18 8	2 55	18 27	1 9	23 30	0 23	20 2	0 42	5 56	1 47	6 26	14 37	2 46	2 13	18 26		n.a.
T 28	20 13	28 44	5 1	22 34	1 27	3 50	2 27	17 59	2 57	18 26	1 9	23 31	0 24	20 2	0 42	5 56	1 47	6 26	14 37	2 42	2 11	18 23		n.a.
F 29	20 26	28 24	5 5	23 4	1 33	4 14	2 27	17 50	2 59	18 26	1 9	23 31	0 24	20 2	0 42	5 55	1 47	6 26	14 37	2 39	2 10	18 20		n.a.
S 30	20 38	26 10	4 50	23 31	1 39	4 39	2 28	17 41	3 2	18 26	1 9	23 32	0 24	20 2	0 42	5 55	1 47	6 25	14 37	2 37	2 9	18 17		n.a.
S 31	20n50	22n16	4n17	23n56	1n43	5n 4	2s28	17s32	3s 4	18s26	1s10	23s32	0s24	20s 3	0s42	5s55	1s47	6s25	14s37	2n35	2n 7	18s14		n.a.

Julian Day Number = 1502028.5, Delta T = 05h06m07s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'09, Lahiri = -12°15'09 Julian Calendar 1 May 601 BCE == Greg. Calendar 25 Apr. 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

JUNE 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 11 59	2♊50'46	23♌39	11♊49	19♈35	21♒44	12♒26	12°R50	4°R38	19♓22	17♈49	6°R23	5♈13	20♒44	n.a.	M 1
T 2	16 15 55	3°47'52	7♍48	13°51	20°41	22°17	12°27	12♑47	4♒37	19°23	17°50	6°D23	5°10	20°51	n.a.	T 2
W 3	16 19 52	4°44'58	21°50	15°51	21°47	22°51	12°28	12°44	4°36	19°24	17°51	6♈24	5° 7	20°57	n.a.	W 3
T 4	16 23 49	5°42'03	5♎44	17°49	22°53	23°24	12°29	12°41	4°35	19°25	17°52	6°R24	5° 4	21° 4	n.a.	T 4
F 5	16 27 45	6°39'09	19°29	19°45	23°59	23°56	12°30	12°38	4°34	19°26	17°53	6°23	5° 1	21°11	n.a.	F 5
S 6	16 31 42	7°36'15	3♏ 5	21°39	25° 5	24°29	12°30	12°35	4°34	19°26	17°53	6°21	4°57	21°17	n.a.	S 6
S 7	16 35 38	8°33'21	16°30	23°31	26°12	25° 1	12°31	12°31	4°33	19°27	17°54	6°15	4°54	21°24	n.a.	S 7
M 8	16 39 35	9°30'27	29°43	25°22	27°18	25°33	12°R31	12°28	4°32	19°28	17°55	6° 8	4°51	21°31	n.a.	M 8
T 9	16 43 31	10°27'34	12♐44	27°10	28°25	26° 4	12°31	12°25	4°30	19°29	17°56	5°58	4°48	21°37	n.a.	T 9
W10	16 47 28	11°24'41	25°31	28°57	29°32	26°35	12°30	12°21	4°29	19°29	17°57	5°47	4°45	21°44	n.a.	W10
T 11	16 51 24	12°21'48	8♑ 3	0♋42	0♉39	27° 6	12°30	12°18	4°28	19°30	17°58	5°35	4°42	21°51	n.a.	T 11
F 12	16 55 21	13°18'56	20°22	2°25	1°46	27°37	12°29	12°14	4°27	19°30	17°59	5°25	4°38	21°57	n.a.	F 12
S 13	16 59 18	14°16'05	2♒28	4° 6	2°54	28° 7	12°29	12°10	4°26	19°31	18° 0	5°16	4°35	22° 4	n.a.	S 13
S 14	17 3 14	15°13'15	14°25	5°45	4° 1	28°37	12°27	12° 7	4°24	19°32	18° 0	5°10	4°32	22°11	n.a.	S 14
M15	17 7 11	16°10'25	26°16	7°22	5° 9	29° 7	12°26	12° 3	4°23	19°32	18° 1	5° 6	4°29	22°18	n.a.	M15
T 16	17 11 7	17° 7'36	8♓ 6	8°57	6°17	29°36	12°25	11°59	4°22	19°33	18° 2	5° 4	4°26	22°24	n.a.	T 16
W17	17 15 4	18° 4'49	19°59	10°30	7°24	0♓ 5	12°23	11°55	4°20	19°33	18° 3	5°D 4	4°22	22°31	n.a.	W17
T 18	17 19 0	19° 2'02	2♈ 2	12° 2	8°32	0°34	12°21	11°51	4°19	19°33	18° 4	5°R 4	4°19	22°38	n.a.	T 18
F 19	17 22 57	19°59'16	14°18	13°31	9°41	1° 2	12°19	11°47	4°18	19°34	18° 4	5° 4	4°16	22°44	n.a.	F 19
S 20	17 26 54	20°56'31	26°54	14°59	10°49	1°29	12°17	11°43	4°16	19°34	18° 5	5° 2	4°13	22°51	n.a.	S 20
S 21	17 30 50	21°53'47	9♉53	16°24	11°57	1°57	12°15	11°39	4°14	19°34	18° 6	4°58	4°10	22°58	n.a.	S 21
M22	17 34 47	22°51'04	23°17	17°48	13° 6	2°24	12°12	11°35	4°13	19°35	18° 6	4°51	4° 7	23° 4	n.a.	M22
T 23	17 38 43	23°48'22	7♊ 7	19°10	14°14	2°50	12° 9	11°31	4°11	19°35	18° 7	4°42	4° 3	23°11	n.a.	T 23
W24	17 42 40	24°45'41	21°19	20°29	15°23	3°16	12° 6	11°27	4°10	19°35	18° 8	4°32	4° 0	23°18	n.a.	W24
T 25	17 46 36	25°43'02	5♋49	21°46	16°32	3°42	12° 3	11°23	4° 8	19°35	18° 8	4°20	3°57	23°24	n.a.	T 25
F 26	17 50 33	26°40'23	20°30	23° 2	17°41	4° 7	12° 0	11°18	4° 6	19°35	18° 9	4°10	3°54	23°31	n.a.	F 26
S 27	17 54 29	27°37'45	5♌14	24°15	18°50	4°31	11°56	11°14	4° 4	19°35	18°10	4° 1	3°51	23°38	n.a.	S 27
S 28	17 58 26	28°35'07	19°54	25°25	19°59	4°56	11°53	11°10	4° 3	19°36	18°10	3°55	3°48	23°44	n.a.	S 28
M29	18 2 23	29°32'31	4♍23	26°34	21° 8	5°19	11°49	11° 5	4° 1	19°36	18°11	3°51	3°44	23°51	n.a.	M29
T 30	18 6 19	0♋29'55	18♍38	27♋39	22♉18	5♓42	11♒45	11♑ 1	3♒59	19°R36	18♈11	3♈49	3♈41	23♒58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n 1	17n 5	3n28	24n17	1n47	5n29	2s28	17s23	3s 6	18s26	1s10	23s32	0s24	20s 3	0s42	5s54	1s47	6s25	14s37	2n34	2n 6	18s12		n.a.
T 2	21 12	11 1	2 27	24 36	1 50	5 54	2 28	17 14	3 8	18 26	1 10	23 33	0 24	20 3	0 42	5 54	1 47	6 25	14 38	2 34	2 5	18 9		n.a.
W 3	21 23	4 28	1 17	24 53	1 53	6 19	2 28	17 5	3 11	18 26	1 11	23 33	0 24	20 3	0 42	5 54	1 48	6 25	14 38	2 34	2 4	18 6		n.a.
T 4	21 33	2s15	0 4	25 6	1 55	6 44	2 28	16 56	3 13	18 26	1 11	23 34	0 24	20 4	0 42	5 53	1 48	6 24	14 38	2 35	2 2	18 3		n.a.
F 5	21 43	8 48	1s 9	25 18	1 56	7 9	2 28	16 47	3 15	18 26	1 11	23 34	0 24	20 4	0 42	5 53	1 48	6 24	14 38	2 34	2 1	18 0		n.a.
S 6	21 53	14 51	2 17	25 26	1 56	7 34	2 27	16 38	3 17	18 26	1 12	23 34	0 25	20 4	0 42	5 53	1 48	6 24	14 38	2 33	2 0	17 58		n.a.
S 7	22 2	20 8	3 17	25 33	1 56	7 58	2 27	16 30	3 20	18 26	1 12	23 35	0 25	20 4	0 42	5 53	1 48	6 24	14 39	2 31	1 58	17 55		n.a.
M 8	22 11	24 21	4 4	25 37	1 55	8 23	2 26	16 21	3 22	18 26	1 12	23 35	0 25	20 5	0 42	5 53	1 48	6 24	14 39	2 28	1 57	17 52		n.a.
T 9	22 19	27 14	4 38	25 38	1 54	8 48	2 25	16 12	3 24	18 27	1 13	23 36	0 25	20 5	0 42	5 52	1 48	6 24	14 39	2 24	1 56	17 49		n.a.
W10	22 28	28 39	4 58	25 38	1 52	9 13	2 24	16 3	3 27	18 27	1 13	23 36	0 25	20 5	0 42	5 52	1 48	6 24	14 39	2 20	1 55	17 46		n.a.
T 11	22 35	28 33	5 2	25 36	1 49	9 37	2 24	15 55	3 29	18 28	1 13	23 37	0 25	20 6	0 42	5 52	1 48	6 23	14 39	2 15	1 53	17 44		n.a.
F 12	22 43	27 1	4 52	25 31	1 46	10 2	2 23	15 46	3 31	18 28	1 14	23 37	0 25	20 6	0 42	5 52	1 48	6 23	14 40	2 11	1 52	17 41		n.a.
S 13	22 50	24 15	4 30	25 25	1 43	10 26	2 22	15 37	3 34	18 29	1 14	23 38	0 25	20 6	0 42	5 52	1 48	6 23	14 40	2 7	1 51	17 38		n.a.
S 14	22 56	20 28	3 55	25 17	1 38	10 50	2 20	15 29	3 36	18 29	1 14	23 38	0 26	20 7	0 42	5 51	1 48	6 23	14 40	2 5	1 50	17 35		n.a.
M15	23 2	15 55	3 11	25 7	1 34	11 14	2 19	15 21	3 39	18 30	1 15	23 38	0 26	20 7	0 42	5 51	1 48	6 23	14 40	2 3	1 48	17 32		n.a.
T 16	23 8	10 47	2 18	24 56	1 28	11 38	2 18	15 12	3 41	18 31	1 15	23 39	0 26	20 7	0 42	5 51	1 48	6 23	14 41	2 2	1 47	17 29		n.a.
W17	23 14	5 14	1 19	24 43	1 23	12 2	2 16	15 4	3 43	18 31	1 15	23 39	0 26	20 8	0 43	5 51	1 48	6 23	14 41	2 2	1 46	17 27		n.a.
T 18	23 19	0n34	0 16	24 29	1 17	12 25	2 15	14 56	3 46	18 32	1 16	23 40	0 26	20 8	0 43	5 51	1 49	6 23	14 41	2 2	1 44	17 24		n.a.
F 19	23 23	6 28	0n49	24 14	1 10	12 49	2 13	14 48	3 48	18 33	1 16	23 40	0 26	20 8	0 43	5 51	1 49	6 23	14 41	2 2	1 43	17 21		n.a.
S 20	23 27	12 16	1 53	23 58	1 3	13 12	2 12	14 40	3 50	18 34	1 16	23 41	0 26	20 9	0 43	5 51	1 49	6 23	14 42	2 2	1 42	17 18		n.a.
S 21	23 31	17 43	2 53	23 40	0 56	13 35	2 10	14 32	3 53	18 35	1 17	23 41	0 26	20 9	0 43	5 51	1 49	6 23	14 42	2 0	1 41	17 15		n.a.
M22	23 34	22 29	3 46	23 21	0 48	13 57	2 8	14 25	3 55	18 36	1 17	23 42	0 26	20 10	0 43	5 51	1 49	6 23	14 42	1 57	1 39	17 12		n.a.
T 23	23 37	26 11	4 27	23 2	0 40	14 20	2 6	14 17	3 58	18 37	1 17	23 42	0 26	20 10	0 43	5 51	1 49	6 23	14 42	1 54	1 38	17 9		n.a.
W24	23 40	28 21	4 53	22 42	0 31	14 42	2 4	14 10	4 0	18 38	1 17	23 43	0 27	20 10	0 43	5 51	1 49	6 23	14 43	1 49	1 37	17 6		n.a.
T 25	23 42	28 39	5 0	22 21	0 22	15 4	2 2	14 3	4 2	18 39	1 18	23 43	0 27	20 11	0 43	5 51	1 49	6 23	14 43	1 45	1 35	17 4		n.a.
F 26	23 44	26 56	4 49	21 59	0 13	15 25	2 0	13 55	4 5	18 41	1 18	23 44	0 27	20 11	0 43	5 51	1 49	6 23	14 43	1 41	1 34	17 1		n.a.
S 27	23 45	23 23	4 18	21 37	0 3	15 47	1 58	13 49	4 7	18 42	1 18	23 44	0 27	20 12	0 43	5 51	1 49	6 23	14 43	1 37	1 33	16 58		n.a.
S 28	23 46	18 22	3 30	21 14	0s 7	16 8	1 56	13 42	4 10	18 43	1 19	23 45	0 27	20 12	0 43	5 51	1 49	6 23	14 44	1 34	1 32	16 55		n.a.
M29	23 46	12 20	2 29	20 52	0 17	16 28	1 53	13 35	4 12	18 45	1 19	23 45	0 27	20 13	0 43	5 51	1 49	6 23	14 44	1 33	1 30	16 52		n.a.
T 30	23n46	5n46	1n19	20n28	0s27	16n49	1s51	13s29	4s14	18s46	1s19	23s45	0s27	20s13	0s43	5s51	1s49	6s23	14s44	1n32	1n29	16s49		n.a.

Julian Day Number = 1502059.5, Delta T = 05h06m06s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'05, Lahiri = -12°15'04 Julian Calendar 1 June 601 BCE == Greg. Calendar 26 May 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

JULY 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 10 16	1♋27'19	2♎38	28♋43	23♉27	6♓ 5	11°R40	10°R57	3°R57	19°R36	18♈12	3°R49	3♈38	24♒ 4	n.a.	W 1
T 2	18 14 12	2°24'45	16°22	29°43	24°37	6°27	11♒36	10♑52	3♒55	19♓35	18°12	3♈49	3°35	24°11	n.a.	T 2
F 3	18 18 9	3°22'12	29°52	0♌41	25°46	6°49	11°31	10°48	3°53	19°35	18°13	3°48	3°32	24°18	n.a.	F 3
S 4	18 22 5	4°19'39	13♏ 9	1°36	26°56	7°10	11°27	10°43	3°51	19°35	18°13	3°44	3°28	24°24	n.a.	S 4
S 5	18 26 2	5°17'08	26°14	2°28	28° 6	7°30	11°22	10°39	3°49	19°35	18°14	3°37	3°25	24°31	n.a.	S 5
M 6	18 29 58	6°14'37	9♐ 6	3°16	29°16	7°50	11°17	10°34	3°47	19°35	18°14	3°28	3°22	24°38	n.a.	M 6
T 7	18 33 55	7°12'08	21°48	4° 2	0♊26	8°10	11°12	10°30	3°45	19°35	18°14	3°16	3°19	24°44	n.a.	T 7
W 8	18 37 52	8° 9'40	4♑19	4°43	1°36	8°28	11° 6	10°25	3°43	19°34	18°15	3° 3	3°16	24°51	n.a.	W 8
T 9	18 41 48	9° 7'14	16°38	5°21	2°46	8°47	11° 1	10°21	3°41	19°34	18°15	2°50	3°13	24°58	n.a.	T 9
F 10	18 45 45	10° 4'48	28°48	5°55	3°57	9° 4	10°55	10°16	3°39	19°34	18°15	2°38	3° 9	25° 5	n.a.	F 10
S 11	18 49 41	11° 2'24	10♒48	6°25	5° 7	9°21	10°49	10°12	3°37	19°33	18°16	2°27	3° 6	25°11	n.a.	S 11
S 12	18 53 38	12° 0'02	22°41	6°50	6°18	9°37	10°43	10° 7	3°35	19°33	18°16	2°19	3° 3	25°18	n.a.	S 12
M13	18 57 34	12°57'41	4♓30	7°11	7°28	9°53	10°37	10° 3	3°32	19°33	18°16	2°14	3° 0	25°25	n.a.	M13
T 14	19 1 31	13°55'22	16°18	7°27	8°39	10° 8	10°31	9°58	3°30	19°32	18°17	2°11	2°57	25°31	n.a.	T 14
W15	19 5 28	14°53'05	28°10	7°38	9°50	10°22	10°25	9°54	3°28	19°32	18°17	2°D10	2°54	25°38	n.a.	W15
T 16	19 9 24	15°50'49	10♈10	7°44	11° 1	10°36	10°18	9°49	3°26	19°31	18°17	2°R10	2°50	25°45	n.a.	T 16
F 17	19 13 21	16°48'35	22°25	7°R44	12°12	10°48	10°11	9°45	3°24	19°31	18°17	2°10	2°47	25°51	n.a.	F 17
S 18	19 17 17	17°46'23	4♉59	7°39	13°23	11° 0	10° 5	9°41	3°21	19°30	18°17	2° 9	2°44	25°58	n.a.	S 18
S 19	19 21 14	18°44'13	17°58	7°28	14°34	11°12	9°58	9°36	3°19	19°29	18°18	2° 5	2°41	26° 5	n.a.	S 19
M20	19 25 10	19°42'05	1♊24	7°11	15°45	11°22	9°51	9°32	3°17	19°29	18°18	2° 0	2°38	26°11	n.a.	M20
T 21	19 29 7	20°39'58	15°19	6°48	16°56	11°32	9°44	9°27	3°14	19°28	18°18	1°52	2°34	26°18	n.a.	T 21
W22	19 33 3	21°37'54	29°41	6°20	18° 8	11°41	9°37	9°23	3°12	19°27	18°18	1°42	2°31	26°25	n.a.	W22
T 23	19 37 0	22°35'51	14♋26	5°46	19°19	11°49	9°30	9°19	3°10	19°27	18°18	1°32	2°28	26°31	n.a.	T 23
F 24	19 40 57	23°33'50	29°25	5° 6	20°31	11°57	9°22	9°14	3° 7	19°26	18°18	1°22	2°25	26°38	n.a.	F 24
S 25	19 44 53	24°31'51	14♌30	4°22	21°42	12° 3	9°15	9°10	3° 5	19°25	18°R18	1°14	2°22	26°45	n.a.	S 25
S 26	19 48 50	25°29'53	29°31	3°33	22°54	12° 9	9° 7	9° 6	3° 3	19°24	18°18	1° 8	2°19	26°51	n.a.	S 26
M27	19 52 46	26°27'57	14♍19	2°41	24° 6	12°14	9° 0	9° 2	3° 0	19°24	18°18	1° 5	2°15	26°58	n.a.	M27
T 28	19 56 43	27°26'02	28°48	1°46	25°18	12°18	8°52	8°57	2°58	19°23	18°18	1°D 4	2°12	27° 5	n.a.	T 28
W29	20 0 39	28°24'09	12♎56	0°50	26°30	12°21	8°44	8°53	2°55	19°22	18°18	1° 4	2° 9	27°11	n.a.	W29
T 30	20 4 36	29°22'18	26°43	29♋53	27°42	12°23	8°37	8°49	2°53	19°21	18°18	1°R 5	2° 6	27°18	n.a.	T 30
F 31	20 8 32	0♌20'28	10♏ 9	28♋56	28♊54	12♓25	8♒29	8♑45	2♒51	19♓20	18♈18	1♈ 4	2♈ 3	27♒25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n46	0s58	0n 6	20n 5	0s38	17n 9	1s49	13s22	4s17	18s48	1s20	23s46	0s27	20s14	0s43	5s51	1s49	6s23	14s44	1n32	1n28	16s46			n.a.
T 2	23 45	7 32	1s 6	19 42	0 49	17 28	1 46	13 16	4 19	18 49	1 20	23 46	0 27	20 14	0 43	5 51	1 49	6 23	14 45	1 32	1 27	16 43			n.a.
F 3	23 44	13 39	2 13	19 18	1 0	17 47	1 44	13 10	4 22	18 51	1 20	23 47	0 28	20 15	0 43	5 51	1 50	6 23	14 45	1 32	1 25	16 40			n.a.
S 4	23 42	19 2	3 12	18 55	1 11	18 6	1 41	13 4	4 24	18 52	1 20	23 47	0 28	20 15	0 43	5 51	1 50	6 23	14 45	1 30	1 24	16 37			n.a.
S 5	23 40	23 27	3 59	18 32	1 23	18 25	1 39	12 59	4 26	18 54	1 21	23 48	0 28	20 16	0 43	5 51	1 50	6 23	14 45	1 28	1 23	16 34			n.a.
M 6	23 37	26 37	4 34	18 10	1 34	18 43	1 36	12 53	4 29	18 56	1 21	23 48	0 28	20 16	0 43	5 51	1 50	6 23	14 46	1 24	1 21	16 31			n.a.
T 7	23 34	28 24	4 54	17 48	1 46	19 0	1 33	12 48	4 31	18 57	1 21	23 49	0 28	20 17	0 43	5 52	1 50	6 23	14 46	1 19	1 20	16 29			n.a.
W 8	23 31	28 42	5 0	17 26	1 58	19 17	1 31	12 43	4 34	18 59	1 22	23 49	0 28	20 17	0 43	5 52	1 50	6 23	14 46	1 14	1 19	16 26			n.a.
T 9	23 27	27 32	4 51	17 5	2 10	19 34	1 28	12 38	4 36	19 1	1 22	23 50	0 28	20 18	0 43	5 52	1 50	6 23	14 46	1 9	1 18	16 23			n.a.
F 10	23 23	25 5	4 30	16 46	2 22	19 50	1 25	12 34	4 38	19 3	1 22	23 50	0 28	20 18	0 43	5 52	1 50	6 24	14 47	1 4	1 16	16 20			n.a.
S 11	23 18	21 33	3 56	16 27	2 34	20 6	1 22	12 29	4 41	19 5	1 22	23 51	0 28	20 19	0 43	5 52	1 50	6 24	14 47	0 59	1 15	16 17			n.a.
S 12	23 13	17 10	3 13	16 9	2 46	20 21	1 19	12 25	4 43	19 7	1 23	23 51	0 28	20 19	0 43	5 53	1 50	6 24	14 47	0 56	1 14	16 14			n.a.
M13	23 8	12 11	2 21	15 52	2 57	20 36	1 16	12 21	4 45	19 9	1 23	23 51	0 28	20 20	0 43	5 53	1 50	6 24	14 48	0 54	1 12	16 11			n.a.
T 14	23 2	6 45	1 23	15 37	3 9	20 50	1 13	12 18	4 47	19 11	1 23	23 52	0 29	20 20	0 43	5 53	1 50	6 24	14 48	0 53	1 11	16 8			n.a.
W15	22 56	1 4	0 21	15 24	3 20	21 4	1 11	12 14	4 50	19 12	1 23	23 52	0 29	20 21	0 43	5 53	1 50	6 24	14 48	0 52	1 10	16 5			n.a.
T 16	22 49	4n44	0n42	15 12	3 30	21 17	1 8	12 11	4 52	19 15	1 24	23 53	0 29	20 21	0 43	5 54	1 50	6 25	14 48	0 52	1 9	16 2			n.a.
F 17	22 42	10 28	1 45	15 2	3 41	21 30	1 5	12 8	4 54	19 17	1 24	23 53	0 29	20 22	0 43	5 54	1 50	6 25	14 49	0 52	1 7	15 59			n.a.
S 18	22 34	15 57	2 45	14 54	3 50	21 42	1 2	12 6	4 56	19 19	1 24	23 54	0 29	20 22	0 43	5 54	1 50	6 25	14 49	0 52	1 6	15 56			n.a.
S 19	22 26	20 54	3 38	14 48	3 59	21 54	0 59	12 3	4 58	19 21	1 24	23 54	0 29	20 23	0 43	5 54	1 51	6 25	14 49	0 51	1 5	15 53			n.a.
M20	22 18	24 58	4 21	14 45	4 7	22 5	0 55	12 1	5 1	19 23	1 24	23 54	0 29	20 24	0 43	5 55	1 51	6 25	14 50	0 48	1 4	15 50			n.a.
T 21	22 9	27 45	4 50	14 44	4 14	22 15	0 52	11 59	5 3	19 25	1 25	23 55	0 29	20 24	0 43	5 55	1 51	6 26	14 50	0 45	1 2	15 47			n.a.
W22	22 0	28 48	5 2	14 45	4 20	22 25	0 49	11 58	5 5	19 27	1 25	23 55	0 29	20 25	0 43	5 55	1 51	6 26	14 50	0 41	1 1	15 44			n.a.
T 23	21 51	27 52	4 55	14 49	4 24	22 34	0 46	11 56	5 7	19 29	1 25	23 56	0 29	20 25	0 43	5 56	1 51	6 26	14 50	0 37	1 0	15 41			n.a.
F 24	21 41	24 54	4 27	14 56	4 27	22 42	0 43	11 55	5 9	19 31	1 25	23 56	0 29	20 26	0 43	5 56	1 51	6 26	14 51	0 33	0 58	15 38			n.a.
S 25	21 31	20 13	3 41	15 5	4 29	22 50	0 40	11 54	5 11	19 34	1 25	23 56	0 29	20 26	0 43	5 56	1 51	6 27	14 51	0 30	0 57	15 35			n.a.
S 26	21 20	14 17	2 40	15 16	4 29	22 58	0 37	11 54	5 13	19 36	1 26	23 57	0 30	20 27	0 43	5 57	1 51	6 27	14 51	0 27	0 56	15 32			n.a.
M27	21 9	7 36	1 28	15 30	4 26	23 4	0 34	11 54	5 14	19 38	1 26	23 57	0 30	20 28	0 43	5 57	1 51	6 27	14 52	0 26	0 55	15 29			n.a.
T 28	20 58	0 40	0 12	15 47	4 22	23 10	0 31	11 54	5 16	19 40	1 26	23 57	0 30	20 28	0 43	5 58	1 51	6 27	14 52	0 26	0 53	15 26			n.a.
W29	20 46	6s 9	1s 3	16 5	4 16	23 16	0 28	11 54	5 18	19 42	1 26	23 58	0 30	20 29	0 43	5 58	1 51	6 28	14 52	0 26	0 52	15 23			n.a.
T 30	20 34	12 30	2 12	16 25	4 8	23 20	0 25	11 55	5 20	19 45	1 26	23 58	0 30	20 29	0 43	5 58	1 51	6 28	14 52	0 26	0 51	15 20			n.a.
F 31	20n21	18s 6	3s13	16n46	3s58	23n24	0s22	11s56	5s21	19s47	1s26	23s58	0s30	20s30	0s43	5s59	1s51	6s28	14s53	0n26	0n49	15s17			n.a.

Julian Day Number = 1502089.5, Delta T = 05h06m04s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°22'01, Lahiri = -12°15'00 Julian Calendar 1 July 601 BCE == Greg. Calendar 25 June 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

AUGUST 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 12 29	1♌18'39	23♏16	28°R 2	0♋ 6	12°R25	8°R21	8°R41	2°R48	19°R19	18°R18	1°R 2	2♈ 0	27♒31	n.a.	S 1
S 2	20 16 25	2°16'52	6♐ 7	27♋10	1°18	12♓25	8♒13	8♑37	2♒46	19♓18	18♈17	0♈57	1°56	27°38	n.a.	S 2
M 3	20 20 22	3°15'07	18°44	26°23	2°30	12°24	8° 5	8°33	2°44	19°17	18°17	0°51	1°53	27°45	n.a.	M 3
T 4	20 24 19	4°13'24	1♑10	25°41	3°43	12°22	7°57	8°29	2°41	19°16	18°17	0°42	1°50	27°51	n.a.	T 4
W 5	20 28 15	5°11'42	13°26	25° 6	4°55	12°19	7°49	8°26	2°39	19°15	18°17	0°32	1°47	27°58	n.a.	W 5
T 6	20 32 12	6°10'02	25°33	24°38	6° 8	12°15	7°42	8°22	2°36	19°14	18°17	0°21	1°44	28° 5	n.a.	T 6
F 7	20 36 8	7° 8'24	7♒33	24°19	7°20	12°11	7°34	8°18	2°34	19°13	18°16	0°11	1°40	28°11	n.a.	F 7
S 8	20 40 5	8° 6'48	19°27	24° 7	8°33	12° 5	7°26	8°15	2°32	19°11	18°16	0° 3	1°37	28°18	n.a.	S 8
S 9	20 44 1	9° 5'14	1♓17	24°D 5	9°46	11°59	7°18	8°11	2°29	19°10	18°16	29♓57	1°34	28°25	n.a.	S 9
M10	20 47 58	10° 3'43	13° 5	24°12	10°59	11°52	7°10	8° 8	2°27	19° 9	18°15	29°53	1°31	28°31	n.a.	M10
T 11	20 51 54	11° 2'13	24°53	24°29	12°11	11°44	7° 2	8° 4	2°24	19° 8	18°15	29°D52	1°28	28°38	n.a.	T 11
W12	20 55 51	12° 0'45	6♈46	24°54	13°24	11°35	6°54	8° 1	2°22	19° 7	18°15	29°52	1°25	28°45	n.a.	W12
T 13	20 59 48	12°59'20	18°47	25°29	14°37	11°25	6°46	7°58	2°20	19° 5	18°14	29°53	1°21	28°51	n.a.	T 13
F 14	21 3 44	13°57'57	1♉ 1	26°12	15°51	11°15	6°38	7°54	2°17	19° 4	18°14	29°54	1°18	28°58	n.a.	F 14
S 15	21 7 41	14°56'36	13°33	27° 3	17° 4	11° 4	6°30	7°51	2°15	19° 3	18°14	29°R55	1°15	29° 5	n.a.	S 15
S 16	21 11 37	15°55'18	26°27	28° 2	18°17	10°52	6°23	7°48	2°13	19° 1	18°13	29°54	1°12	29°11	n.a.	S 16
M17	21 15 34	16°54'02	9♊48	29° 8	19°30	10°39	6°15	7°45	2°10	19° 0	18°13	29°52	1° 9	29°18	n.a.	M17
T 18	21 19 30	17°52'49	23°37	0♌21	20°44	10°25	6° 7	7°42	2° 8	18°59	18°12	29°48	1° 6	29°25	n.a.	T 18
W19	21 23 27	18°51'38	7♋55	1°40	21°57	10°11	6° 0	7°39	2° 6	18°57	18°12	29°43	1° 2	29°31	n.a.	W19
T 20	21 27 23	19°50'29	22°39	3° 4	23°10	9°56	5°52	7°37	2° 4	18°56	18°11	29°37	0°59	29°38	n.a.	T 20
F 21	21 31 20	20°49'23	7♌43	4°32	24°24	9°41	5°45	7°34	2° 1	18°54	18°11	29°31	0°56	29°45	n.a.	F 21
S 22	21 35 17	21°48'18	22°56	6° 5	25°38	9°25	5°37	7°31	1°59	18°53	18°10	29°26	0°53	29°51	n.a.	S 22
S 23	21 39 13	22°47'16	8♍10	7°41	26°51	9° 9	5°30	7°29	1°57	18°51	18°10	29°23	0°50	29°58	n.a.	S 23
M24	21 43 10	23°46'16	23°13	9°20	28° 5	8°52	5°23	7°27	1°55	18°50	18° 9	29°D21	0°46	0♓ 5	n.a.	M24
T 25	21 47 6	24°45'17	7♎59	11° 1	29°19	8°34	5°16	7°24	1°53	18°49	18° 8	29°21	0°43	0°11	n.a.	T 25
W26	21 51 3	25°44'21	22°21	12°45	0♌33	8°16	5° 9	7°22	1°51	18°47	18° 8	29°22	0°40	0°18	n.a.	W26
T 27	21 54 59	26°43'27	6♏18	14°29	1°46	7°58	5° 2	7°20	1°48	18°45	18° 7	29°24	0°37	0°25	n.a.	T 27
F 28	21 58 56	27°42'34	19°49	16°15	3° 0	7°39	4°55	7°18	1°46	18°44	18° 6	29°25	0°34	0°31	n.a.	F 28
S 29	22 2 52	28°41'43	2♐56	18° 2	4°14	7°21	4°48	7°16	1°44	18°42	18° 6	29°R25	0°31	0°38	n.a.	S 29
S 30	22 6 49	29°40'55	15°44	19°49	5°28	7° 2	4°42	7°14	1°42	18°41	18° 5	29°24	0°27	0°45	n.a.	S 30
M31	22 10 46	0♍40'08	28♐13	21♌37	6♌42	6♓42	4♒35	7♑12	1♒40	18♓39	18♈ 4	29♓21	0♈24	0♓51	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n 9	22s44	4s 2	17n 9	3s47	23n28	0s19	11s57	5s23	19s49	1s27	23s59	0s30	20s30	0s43	5s59	1s51	6s29	14s53	0n25	0n48	15s14		n.a.
S 2	19 55	26 10	4 37	17 32	3 33	23 30	0 16	11 58	5 24	19 51	1 27	23 59	0 30	20 31	0 43	6 0	1 51	6 29	14 53	0 23	0 47	15 11		n.a.
M 3	19 42	28 14	4 58	17 55	3 18	23 32	0 12	12 0	5 26	19 54	1 27	23 59	0 30	20 31	0 43	6 0	1 51	6 29	14 53	0 20	0 46	15 8		n.a.
T 4	19 28	28 51	5 5	18 19	3 2	23 34	0 9	12 2	5 27	19 56	1 27	24 0	0 30	20 32	0 43	6 1	1 51	6 29	14 54	0 17	0 44	15 5		n.a.
W 5	19 14	28 1	4 57	18 42	2 45	23 34	0 6	12 4	5 28	19 58	1 27	24 0	0 30	20 33	0 43	6 1	1 51	6 30	14 54	0 13	0 43	15 2		n.a.
T 6	18 59	25 51	4 36	19 5	2 27	23 34	0 3	12 7	5 29	20 0	1 27	24 0	0 30	20 33	0 43	6 2	1 52	6 30	14 54	0 9	0 42	14 59		n.a.
F 7	18 45	22 33	4 3	19 26	2 9	23 33	0 0	12 10	5 30	20 2	1 27	24 1	0 30	20 34	0 43	6 2	1 52	6 30	14 55	0 5	0 40	14 56		n.a.
S 8	18 29	18 21	3 20	19 47	1 50	23 32	0n 2	12 13	5 31	20 5	1 27	24 1	0 30	20 34	0 43	6 3	1 52	6 31	14 55	0 1	0 39	14 53		n.a.
S 9	18 14	13 28	2 28	20 6	1 31	23 30	0 5	12 16	5 32	20 7	1 27	24 1	0 31	20 35	0 43	6 3	1 52	6 31	14 55	0s 1	0 38	14 50		n.a.
M10	17 58	8 7	1 29	20 23	1 13	23 27	0 8	12 19	5 33	20 9	1 28	24 2	0 31	20 35	0 43	6 4	1 52	6 32	14 55	0 3	0 37	14 47		n.a.
T 11	17 42	2 28	0 27	20 38	0 54	23 23	0 11	12 23	5 33	20 11	1 28	24 2	0 31	20 36	0 43	6 4	1 52	6 32	14 56	0 3	0 35	14 43		n.a.
W12	17 26	3n17	0n37	20 50	0 37	23 19	0 14	12 27	5 34	20 13	1 28	24 2	0 31	20 36	0 43	6 5	1 52	6 32	14 56	0 3	0 34	14 40		n.a.
T 13	17 9	9 0	1 41	21 1	0 20	23 14	0 17	12 31	5 34	20 15	1 28	24 2	0 31	20 37	0 43	6 5	1 52	6 33	14 56	0 3	0 33	14 37		n.a.
F 14	16 52	14 29	2 41	21 8	0 4	23 8	0 20	12 35	5 35	20 17	1 28	24 3	0 31	20 38	0 43	6 6	1 52	6 33	14 56	0 2	0 32	14 34		n.a.
S 15	16 35	19 31	3 34	21 13	0n11	23 2	0 22	12 40	5 35	20 19	1 28	24 3	0 31	20 38	0 43	6 6	1 52	6 33	14 57	0 2	0 30	14 31		n.a.
S 16	16 17	23 49	4 19	21 15	0 26	22 55	0 25	12 44	5 35	20 21	1 28	24 3	0 31	20 39	0 43	6 7	1 52	6 34	14 57	0 2	0 29	14 28		n.a.
M17	15 59	27 2	4 51	21 15	0 39	22 47	0 28	12 49	5 35	20 23	1 28	24 3	0 31	20 39	0 43	6 7	1 52	6 34	14 57	0 3	0 28	14 25		n.a.
T 18	15 41	28 45	5 8	21 11	0 51	22 39	0 30	12 54	5 34	20 25	1 28	24 4	0 31	20 40	0 43	6 8	1 52	6 35	14 57	0 5	0 26	14 22		n.a.
W19	15 23	28 38	5 7	21 4	1 2	22 30	0 33	12 59	5 34	20 27	1 28	24 4	0 31	20 40	0 43	6 9	1 52	6 35	14 58	0 7	0 25	14 19		n.a.
T 20	15 4	26 32	4 46	20 54	1 11	22 20	0 35	13 4	5 33	20 29	1 28	24 4	0 31	20 41	0 43	6 9	1 52	6 35	14 58	0 9	0 24	14 16		n.a.
F 21	14 45	22 31	4 4	20 41	1 20	22 9	0 38	13 10	5 33	20 31	1 28	24 4	0 31	20 41	0 43	6 10	1 52	6 36	14 58	0 12	0 23	14 13		n.a.
S 22	14 26	16 58	3 5	20 25	1 27	21 58	0 40	13 15	5 32	20 33	1 28	24 4	0 31	20 42	0 43	6 10	1 52	6 36	14 58	0 14	0 21	14 10		n.a.
S 23	14 7	10 22	1 53	20 7	1 34	21 47	0 43	13 21	5 31	20 35	1 28	24 5	0 31	20 42	0 43	6 11	1 52	6 37	14 59	0 15	0 20	14 6		n.a.
M24	13 47	3 14	0 33	19 46	1 39	21 34	0 45	13 26	5 30	20 36	1 28	24 5	0 31	20 43	0 43	6 12	1 52	6 37	14 59	0 16	0 19	14 3		n.a.
T 25	13 27	3s56	0s47	19 22	1 44	21 21	0 48	13 32	5 28	20 38	1 28	24 5	0 31	20 43	0 43	6 12	1 52	6 38	14 59	0 16	0 17	14 0		n.a.
W26	13 7	10 42	2 2	18 56	1 47	21 7	0 50	13 37	5 27	20 40	1 28	24 5	0 31	20 44	0 43	6 13	1 52	6 38	14 59	0 15	0 16	13 57		n.a.
T 27	12 47	16 46	3 8	18 28	1 50	20 53	0 52	13 43	5 25	20 42	1 28	24 5	0 31	20 44	0 43	6 14	1 52	6 38	14 59	0 15	0 15	13 54		n.a.
F 28	12 26	21 48	4 2	17 57	1 52	20 38	0 54	13 48	5 23	20 43	1 28	24 5	0 32	20 45	0 43	6 14	1 52	6 39	15 0	0 14	0 14	13 51		n.a.
S 29	12 5	25 37	4 41	17 25	1 53	20 22	0 56	13 53	5 22	20 45	1 28	24 6	0 32	20 45	0 43	6 15	1 52	6 39	15 0	0 14	0 12	13 48		n.a.
S 30	11 44	28 2	5 4	16 51	1 53	20 6	0 58	13 59	5 19	20 46	1 28	24 6	0 32	20 45	0 43	6 15	1 52	6 40	15 0	0 15	0 11	13 45		n.a.
M31	11n23	28s59	5s13	16n16	1n52	19n49	1n 0	14s 4	5s17	20s48	1s28	24s 6	0s32	20s46	0s43	6s16	1s52	6s40	15s 0	0s16	0n10	13s42		n.a.

Julian Day Number = 1502120.5, Delta T = 05h06m03s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°21'57, Lahiri = -12°14'56 Julian Calendar 1 Aug. 601 BCE == Greg. Calendar 26 July 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

SEPTEMBER 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 14 42	1♍39'23	10♉30	23♌25	7♌57	6°R23	4°R29	7°R10	1°R38	18°R38	18°R 4	29°R18	0♈21	0♓58	n.a.	T 1
W 2	22 18 39	2°38'40	22°35	25°12	9°11	6♓ 4	4♒23	7♉ 9	1♒36	18♓36	18♈ 3	29♓13	0°18	1° 5	n.a.	W 2
T 3	22 22 35	3°37'59	4♒33	27° 0	10°25	5°44	4°17	7° 7	1°34	18°34	18° 2	29° 9	0°15	1°11	n.a.	T 3
F 4	22 26 32	4°37'20	16°26	28°47	11°39	5°25	4°11	7° 6	1°33	18°33	18° 1	29° 5	0°11	1°18	n.a.	F 4
S 5	22 30 28	5°36'43	28°16	0♍33	12°54	5° 6	4° 5	7° 5	1°31	18°31	18° 1	29° 1	0° 8	1°25	n.a.	S 5
S 6	22 34 25	6°36'08	10♓ 5	2°20	14° 8	4°47	4° 0	7° 3	1°29	18°30	18° 0	28°59	0° 5	1°31	n.a.	S 6
M 7	22 38 21	7°35'35	21°55	4° 5	15°22	4°28	3°54	7° 2	1°27	18°28	17°59	28°57	0° 2	1°38	n.a.	M 7
T 8	22 42 18	8°35'05	3♈48	5°50	16°37	4° 9	3°49	7° 1	1°25	18°26	17°58	28°D57	29♓59	1°45	n.a.	T 8
W 9	22 46 14	9°34'36	15°47	7°35	17°51	3°51	3°44	7° 0	1°23	18°25	17°57	28°58	29°56	1°51	n.a.	W 9
T 10	22 50 11	10°34'10	27°54	9°18	19° 6	3°33	3°39	7° 0	1°22	18°23	17°57	28°59	29°52	1°58	n.a.	T 10
F 11	22 54 8	11°33'47	10♉13	11° 1	20°20	3°15	3°35	6°59	1°20	18°21	17°56	29° 1	29°49	2° 5	n.a.	F 11
S 12	22 58 4	12°33'26	22°47	12°44	21°35	2°58	3°30	6°58	1°19	18°20	17°55	29° 2	29°46	2°11	n.a.	S 12
S 13	23 2 1	13°33'07	5♊40	14°26	22°50	2°41	3°26	6°58	1°17	18°18	17°54	29° 3	29°43	2°18	n.a.	S 13
M14	23 5 57	14°32'51	18°55	16° 7	24° 5	2°24	3°21	6°57	1°15	18°16	17°53	29°R 3	29°40	2°25	n.a.	M14
T 15	23 9 54	15°32'37	2♋35	17°47	25°19	2° 8	3°17	6°57	1°14	18°15	17°52	29° 3	29°37	2°31	n.a.	T 15
W16	23 13 50	16°32'25	16°40	19°27	26°34	1°53	3°13	6°57	1°12	18°13	17°51	29° 1	29°33	2°38	n.a.	W16
T 17	23 17 47	17°32'16	1♌10	21° 6	27°49	1°38	3°10	6°D57	1°11	18°11	17°50	29° 0	29°30	2°45	n.a.	T 17
F 18	23 21 43	18°32'09	16° 0	22°45	29° 4	1°24	3° 6	6°57	1°10	18°10	17°49	28°59	29°27	2°51	n.a.	F 18
S 19	23 25 40	19°32'05	1♍ 4	24°23	0♍19	1°11	3° 3	6°57	1° 8	18° 8	17°48	28°58	29°24	2°58	n.a.	S 19
S 20	23 29 37	20°32'02	16°15	26° 0	1°34	0°58	3° 0	6°57	1° 7	18° 6	17°47	28°57	29°21	3° 5	n.a.	S 20
M21	23 33 33	21°32'01	1♎21	27°37	2°49	0°46	2°57	6°57	1° 6	18° 5	17°46	28°D57	29°17	3°11	n.a.	M21
T 22	23 37 30	22°32'03	16°14	29°13	4° 4	0°34	2°54	6°58	1° 4	18° 3	17°45	28°57	29°14	3°18	n.a.	T 22
W23	23 41 26	23°32'06	0♏47	0♎49	5°19	0°24	2°52	6°58	1° 3	18° 1	17°44	28°58	29°11	3°25	n.a.	W23
T 24	23 45 23	24°32'11	14°56	2°24	6°34	0°14	2°49	6°59	1° 2	17°59	17°43	28°58	29° 8	3°31	n.a.	T 24
F 25	23 49 19	25°32'18	28°37	3°59	7°49	0° 5	2°47	7° 0	1° 1	17°58	17°42	28°58	29° 5	3°38	n.a.	F 25
S 26	23 53 16	26°32'27	11♐52	5°33	9° 4	29♒56	2°45	7° 1	1° 0	17°56	17°41	28°59	29° 2	3°45	n.a.	S 26
S 27	23 57 12	27°32'37	24°42	7° 7	10°19	29°49	2°44	7° 1	0°59	17°54	17°40	28°R59	28°58	3°51	n.a.	S 27
M28	0 1 9	28°32'49	7♉12	8°40	11°34	29°42	2°42	7° 2	0°58	17°53	17°39	28°D59	28°55	3°58	n.a.	M28
T 29	0 5 5	29°33'03	19°25	10°13	12°50	29°36	2°41	7° 4	0°57	17°51	17°38	28°59	28°52	4° 5	n.a.	T 29
W30	0 9 2	0♎33'18	1♒27	11♎45	14♍ 5	29♒31	2♒40	7♉ 5	0♒56	17♓50	17♈37	28♓59	28♓49	4♓11	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n 2	28s27	5s 7	15n39	1n51	19n32	1n 2	14s 9	5s15	20s49	1s28	24s 6	0s32	20s46	0s43	6s17	1s53	6s41	15s 1	0s17	0n 8	13s38		n.a.
W 2	10 40	26 35	4 48	15 1	1 50	19 14	1 4	14 14	5 12	20 51	1 28	24 6	0 32	20 47	0 43	6 17	1 53	6 41	15 1	0 19	0 7	13 35		n.a.
T 3	10 19	23 31	4 16	14 22	1 48	18 56	1 6	14 19	5 10	20 52	1 28	24 6	0 32	20 47	0 43	6 18	1 53	6 42	15 1	0 21	0 6	13 32		n.a.
F 4	9 57	19 30	3 33	13 42	1 45	18 37	1 8	14 23	5 7	20 54	1 27	24 6	0 32	20 48	0 43	6 19	1 53	6 42	15 1	0 22	0 5	13 29		n.a.
S 5	9 35	14 45	2 41	13 1	1 42	18 17	1 9	14 28	5 4	20 55	1 27	24 7	0 32	20 48	0 43	6 19	1 53	6 43	15 1	0 24	0 3	13 26		n.a.
S 6	9 13	9 28	1 42	12 19	1 38	17 57	1 11	14 32	5 1	20 56	1 27	24 7	0 32	20 48	0 43	6 20	1 53	6 43	15 2	0 25	0 2	13 23		n.a.
M 7	8 50	3 51	0 39	11 36	1 34	17 36	1 13	14 36	4 57	20 57	1 27	24 7	0 32	20 49	0 43	6 21	1 53	6 44	15 2	0 25	0 1	13 20		n.a.
T 8	8 28	1n56	0n27	10 53	1 30	17 15	1 14	14 40	4 54	20 58	1 27	24 7	0 32	20 49	0 43	6 21	1 53	6 44	15 2	0 25	0s 0	13 16		n.a.
W 9	8 5	7 42	1 32	10 10	1 26	16 53	1 16	14 44	4 51	21 0	1 27	24 7	0 32	20 49	0 43	6 22	1 53	6 44	15 2	0 25	0 2	13 13		n.a.
T 10	7 42	13 15	2 33	9 26	1 21	16 31	1 17	14 47	4 47	21 1	1 27	24 7	0 32	20 50	0 43	6 23	1 53	6 45	15 2	0 24	0 3	13 10		n.a.
F 11	7 19	18 23	3 29	8 42	1 16	16 8	1 18	14 51	4 43	21 2	1 27	24 7	0 32	20 50	0 43	6 23	1 53	6 45	15 2	0 24	0 4	13 7		n.a.
S 12	6 56	22 50	4 16	7 57	1 10	15 45	1 19	14 54	4 40	21 3	1 27	24 7	0 32	20 51	0 43	6 24	1 53	6 46	15 3	0 23	0 6	13 4		n.a.
S 13	6 33	26 19	4 51	7 12	1 5	15 22	1 21	14 56	4 36	21 4	1 27	24 7	0 32	20 51	0 43	6 25	1 53	6 46	15 3	0 23	0 7	13 1		n.a.
M14	6 10	28 29	5 12	6 27	0 59	14 58	1 22	14 59	4 32	21 4	1 26	24 7	0 32	20 51	0 43	6 25	1 53	6 47	15 3	0 23	0 8	12 57		n.a.
T 15	5 47	29 1	5 16	5 42	0 53	14 33	1 23	15 1	4 28	21 5	1 26	24 7	0 32	20 52	0 43	6 26	1 53	6 47	15 3	0 23	0 9	12 54		n.a.
W16	5 23	27 42	5 2	4 57	0 47	14 8	1 24	15 3	4 24	21 6	1 26	24 7	0 32	20 52	0 43	6 27	1 53	6 48	15 3	0 24	0 11	12 51		n.a.
T 17	4 59	24 32	4 28	4 12	0 41	13 43	1 25	15 4	4 20	21 7	1 26	24 7	0 32	20 52	0 43	6 27	1 53	6 48	15 3	0 24	0 12	12 48		n.a.
F 18	4 36	19 42	3 36	3 27	0 35	13 17	1 26	15 6	4 16	21 7	1 26	24 7	0 32	20 52	0 43	6 28	1 53	6 49	15 3	0 25	0 13	12 45		n.a.
S 19	4 12	13 33	2 29	2 42	0 28	12 51	1 26	15 7	4 11	21 8	1 26	24 7	0 32	20 53	0 43	6 29	1 53	6 49	15 4	0 25	0 15	12 42		n.a.
S 20	3 48	6 34	1 10	1 57	0 22	12 25	1 27	15 7	4 7	21 9	1 26	24 7	0 32	20 53	0 43	6 29	1 53	6 50	15 4	0 25	0 16	12 38		n.a.
M21	3 24	0s45	0s13	1 12	0 15	11 58	1 28	15 8	4 3	21 9	1 25	24 7	0 32	20 53	0 43	6 30	1 53	6 50	15 4	0 25	0 17	12 35		n.a.
T 22	3 0	7 55	1 35	0 27	0 9	11 31	1 28	15 8	3 58	21 10	1 25	24 7	0 32	20 53	0 43	6 31	1 53	6 51	15 4	0 25	0 18	12 32		n.a.
W23	2 36	14 31	2 48	0s18	0 2	11 4	1 29	15 8	3 54	21 10	1 25	24 7	0 32	20 54	0 43	6 31	1 53	6 51	15 4	0 25	0 20	12 29		n.a.
T 24	2 12	20 10	3 49	1 2	0s 5	10 36	1 29	15 7	3 50	21 11	1 25	24 7	0 33	20 54	0 43	6 32	1 53	6 52	15 4	0 25	0 21	12 26		n.a.
F 25	1 48	24 35	4 34	1 46	0 11	10 8	1 29	15 6	3 45	21 11	1 25	24 7	0 33	20 54	0 43	6 33	1 53	6 52	15 4	0 25	0 22	12 22		n.a.
S 26	1 24	27 32	5 4	2 30	0 18	9 40	1 30	15 5	3 41	21 11	1 25	24 7	0 33	20 54	0 43	6 33	1 53	6 53	15 4	0 25	0 24	12 19		n.a.
S 27	0 59	28 56	5 17	3 14	0 25	9 11	1 30	15 4	3 36	21 11	1 24	24 7	0 33	20 55	0 43	6 34	1 53	6 53	15 4	0 25	0 25	12 16		n.a.
M28	0 35	28 48	5 15	3 57	0 31	8 42	1 30	15 2	3 32	21 12	1 24	24 7	0 33	20 55	0 43	6 35	1 53	6 54	15 4	0 25	0 26	12 13		n.a.
T 29	0 11	27 15	4 58	4 41	0 38	8 13	1 30	15 0	3 28	21 12	1 24	24 7	0 33	20 55	0 43	6 35	1 53	6 54	15 5	0 25	0 27	12 10		n.a.
W30	0s13	24s28	4s28	5s23	0s44	7n44	1n30	14s58	3s23	21s12	1s24	24s 7	0s33	20s55	0s43	6s36	1s53	6s54	15s 5	0s25	0s29	12s 6		n.a.

Julian Day Number = 1502151.5, Delta T = 05h06m01s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°21'52, Lahiri = -12°14'52 Julian Calendar 1 Sept. 601 BCE == Greg. Calendar 26 Aug. 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

OCTOBER 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 12 59	1♎33'35	13♒20	13♎17	15♍20	29°R27	2°R39	7♉ 6	0°R55	17°R48	17°R36	28♓59	28♓46	4♓18	n.a.	T 1
F 2	0 16 55	2°33'54	25° 9	14°48	16°35	29♒23	2♒38	7° 8	0♒55	17♓46	17♈35	29° 0	28°43	4°25	n.a.	F 2
S 3	0 20 52	3°34'14	6♓57	16°19	17°51	29°21	2°38	7° 9	0°54	17°45	17°34	29° 0	28°39	4°31	n.a.	S 3
S 4	0 24 48	4°34'36	18°48	17°50	19° 6	29°19	2°37	7°11	0°53	17°43	17°33	29° 0	28°36	4°38	n.a.	S 4
M 5	0 28 45	5°35'00	0♈43	19°20	20°21	29°18	2°D37	7°13	0°52	17°42	17°31	29°R 0	28°33	4°45	n.a.	M 5
T 6	0 32 41	6°35'25	12°46	20°50	21°37	29°D18	2°37	7°14	0°52	17°40	17°30	29° 0	28°30	4°51	n.a.	T 6
W 7	0 36 38	7°35'52	24°56	22°19	22°52	29°18	2°38	7°16	0°51	17°38	17°29	28°59	28°27	4°58	n.a.	W 7
T 8	0 40 34	8°36'21	7♉17	23°48	24° 7	29°20	2°38	7°18	0°51	17°37	17°28	28°58	28°23	5° 4	n.a.	T 8
F 9	0 44 31	9°36'52	19°50	25°17	25°23	29°22	2°39	7°21	0°50	17°35	17°27	28°57	28°20	5°11	n.a.	F 9
S 10	0 48 28	10°37'25	2♊36	26°45	26°38	29°25	2°40	7°23	0°50	17°34	17°26	28°55	28°17	5°18	n.a.	S 10
S 11	0 52 24	11°37'59	15°36	28°12	27°54	29°28	2°41	7°25	0°50	17°32	17°25	28°54	28°14	5°24	n.a.	S 11
M12	0 56 21	12°38'36	28°53	29°39	29° 9	29°33	2°42	7°28	0°49	17°31	17°24	28°53	28°11	5°31	n.a.	M12
T 13	1 0 17	13°39'15	12♋28	1♏ 5	0♎25	29°38	2°44	7°30	0°49	17°29	17°22	28°D52	28° 8	5°38	n.a.	T 13
W14	1 4 14	14°39'55	26°21	2°31	1°40	29°44	2°46	7°33	0°49	17°28	17°21	28°53	28° 4	5°44	n.a.	W14
T 15	1 8 10	15°40'37	10♌33	3°56	2°56	29°50	2°48	7°36	0°49	17°26	17°20	28°54	28° 1	5°51	n.a.	T 15
F 16	1 12 7	16°41'21	25° 1	5°20	4°11	29°58	2°50	7°38	0°49	17°25	17°19	28°55	27°58	5°58	n.a.	F 16
S 17	1 16 3	17°42'07	9♍43	6°43	5°27	0♓ 6	2°52	7°41	0°D49	17°24	17°18	28°56	27°55	6° 4	n.a.	S 17
S 18	1 20 0	18°42'54	24°33	8° 6	6°42	0°14	2°55	7°44	0°49	17°22	17°17	28°R57	27°52	6°11	n.a.	S 18
M19	1 23 57	19°43'43	9♎24	9°27	7°58	0°24	2°58	7°47	0°49	17°21	17°16	28°56	27°48	6°18	n.a.	M19
T 20	1 27 53	20°44'34	24° 9	10°47	9°14	0°34	3° 1	7°51	0°49	17°19	17°15	28°55	27°45	6°24	n.a.	T 20
W21	1 31 50	21°45'26	8♏40	12° 5	10°29	0°45	3° 4	7°54	0°49	17°18	17°13	28°53	27°42	6°31	n.a.	W21
T 22	1 35 46	22°46'19	22°52	13°22	11°45	0°56	3° 7	7°57	0°49	17°17	17°12	28°49	27°39	6°38	n.a.	T 22
F 23	1 39 43	23°47'13	6♐39	14°38	13° 0	1° 8	3°11	8° 1	0°50	17°15	17°11	28°45	27°36	6°44	n.a.	F 23
S 24	1 43 39	24°48'09	20° 1	15°51	14°16	1°21	3°14	8° 4	0°50	17°14	17°10	28°42	27°33	6°51	n.a.	S 24
S 25	1 47 36	25°49'05	2♑57	17° 1	15°31	1°34	3°18	8° 8	0°50	17°13	17° 9	28°39	27°29	6°58	n.a.	S 25
M26	1 51 32	26°50'02	15°31	18° 9	16°47	1°48	3°22	8°12	0°51	17°12	17° 8	28°37	27°26	7° 4	n.a.	M26
T 27	1 55 29	27°51'01	27°46	19°14	18° 3	2° 2	3°27	8°16	0°51	17°11	17° 7	28°D36	27°23	7°11	n.a.	T 27
W28	1 59 26	28°52'00	9♒47	20°15	19°18	2°17	3°31	8°19	0°52	17° 9	17° 6	28°37	27°20	7°18	n.a.	W28
T 29	2 3 22	29°53'00	21°39	21°12	20°34	2°33	3°36	8°23	0°52	17° 8	17° 4	28°38	27°17	7°24	n.a.	T 29
F 30	2 7 19	0♏54'01	3♓27	22° 5	21°49	2°49	3°41	8°28	0°53	17° 7	17° 3	28°40	27°14	7°31	n.a.	F 30
S 31	2 11 15	1♏55'02	15♓16	22♏52	23♎ 5	3♓ 5	3♒46	8♉32	0♒54	17♓ 6	17♈ 2	28♓42	27♓10	7♓38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	0s38	20s41	3s48	6s 6	0s51	7n14	1n30	14s55	3s19	21s12	1s24	24s 7	0s33	20s55	0s43	6s37	1s53	6s55	15s 5	0s25		0s30		12s 3			n.a.
F 2	1 2	16 6	2 57	6 47	0 57	6 44	1 30	14 52	3 15	21 12	1 24	24 7	0 33	20 55	0 42	6 37	1 53	6 55	15 5	0 24		0 31		12 0			n.a.
S 3	1 26	10 55	2 0	7 29	1 4	6 14	1 30	14 49	3 10	21 12	1 23	24 7	0 33	20 56	0 42	6 38	1 53	6 56	15 5	0 24		0 33		11 57			n.a.
S 4	1 51	5 21	0 56	8 10	1 10	5 44	1 29	14 46	3 6	21 12	1 23	24 7	0 33	20 56	0 42	6 39	1 53	6 56	15 5	0 24		0 34		11 53			n.a.
M 5	2 15	0n26	0n10	8 50	1 16	5 14	1 29	14 42	3 2	21 12	1 23	24 7	0 33	20 56	0 42	6 39	1 53	6 57	15 5	0 24		0 35		11 50			n.a.
T 6	2 39	6 16	1 16	9 30	1 22	4 43	1 29	14 38	2 57	21 11	1 23	24 7	0 33	20 56	0 42	6 40	1 53	6 57	15 5	0 24		0 36		11 47			n.a.
W 7	3 3	11 56	2 19	10 10	1 28	4 13	1 28	14 34	2 53	21 11	1 23	24 7	0 33	20 56	0 42	6 40	1 53	6 58	15 5	0 24		0 38		11 44			n.a.
T 8	3 27	17 14	3 17	10 49	1 34	3 42	1 28	14 30	2 49	21 11	1 22	24 7	0 33	20 56	0 42	6 41	1 53	6 58	15 5	0 25		0 39		11 40			n.a.
F 9	3 52	21 53	4 6	11 27	1 39	3 11	1 27	14 25	2 45	21 10	1 22	24 7	0 33	20 56	0 42	6 42	1 53	6 59	15 5	0 25		0 40		11 37			n.a.
S 10	4 16	25 36	4 44	12 5	1 45	2 40	1 26	14 21	2 41	21 10	1 22	24 7	0 33	20 56	0 42	6 42	1 53	6 59	15 5	0 26		0 41		11 34			n.a.
S 11	4 40	28 5	5 8	12 41	1 50	2 9	1 26	14 15	2 37	21 10	1 22	24 6	0 33	20 56	0 42	6 43	1 53	6 59	15 5	0 27		0 43		11 31			n.a.
M12	5 4	29 2	5 17	13 18	1 55	1 38	1 25	14 10	2 33	21 9	1 22	24 6	0 33	20 56	0 42	6 43	1 53	7 0	15 5	0 27		0 44		11 28			n.a.
T 13	5 28	28 17	5 8	13 53	2 0	1 7	1 24	14 5	2 29	21 8	1 22	24 6	0 33	20 56	0 42	6 44	1 52	7 0	15 5	0 27		0 45		11 24			n.a.
W14	5 51	25 46	4 41	14 27	2 5	0 36	1 23	13 59	2 25	21 8	1 21	24 6	0 33	20 56	0 42	6 44	1 52	7 1	15 5	0 27		0 47		11 21			n.a.
T 15	6 15	21 38	3 57	15 1	2 9	0 4	1 22	13 53	2 21	21 7	1 21	24 6	0 33	20 56	0 42	6 45	1 52	7 1	15 5	0 27		0 48		11 18			n.a.
F 16	6 39	16 8	2 57	15 34	2 13	0s27	1 21	13 47	2 17	21 7	1 21	24 6	0 33	20 56	0 42	6 46	1 52	7 1	15 5	0 26		0 49		11 15			n.a.
S 17	7 2	9 38	1 44	16 5	2 16	0 58	1 20	13 40	2 14	21 6	1 21	24 6	0 33	20 56	0 42	6 46	1 52	7 2	15 5	0 26		0 50		11 11			n.a.
S 18	7 26	2 34	0 24	16 36	2 20	1 30	1 19	13 34	2 10	21 5	1 21	24 6	0 33	20 56	0 42	6 47	1 52	7 2	15 5	0 26		0 52		11 8			n.a.
M19	7 49	4s39	0s57	17 5	2 23	2 1	1 17	13 27	2 6	21 4	1 20	24 5	0 33	20 56	0 42	6 47	1 52	7 3	15 5	0 26		0 53		11 5			n.a.
T 20	8 12	11 34	2 15	17 34	2 25	2 32	1 16	13 20	2 3	21 3	1 20	24 5	0 33	20 56	0 42	6 48	1 52	7 3	15 5	0 26		0 54		11 1			n.a.
W21	8 36	17 46	3 22	18 0	2 27	3 4	1 15	13 13	1 59	21 2	1 20	24 5	0 33	20 56	0 42	6 48	1 52	7 3	15 5	0 27		0 56		10 58			n.a.
T 22	8 59	22 51	4 15	18 26	2 29	3 35	1 14	13 6	1 56	21 1	1 20	24 5	0 33	20 56	0 42	6 49	1 52	7 4	15 5	0 29		0 57		10 55			n.a.
F 23	9 21	26 30	4 51	18 50	2 30	4 6	1 12	12 58	1 52	21 0	1 20	24 5	0 33	20 56	0 42	6 49	1 52	7 4	15 5	0 30		0 58		10 52			n.a.
S 24	9 44	28 33	5 11	19 12	2 30	4 37	1 11	12 50	1 49	20 59	1 19	24 5	0 33	20 56	0 42	6 50	1 52	7 5	15 5	0 32		0 59		10 48			n.a.
S 25	10 7	28 57	5 13	19 33	2 30	5 8	1 9	12 42	1 46	20 58	1 19	24 4	0 33	20 56	0 42	6 50	1 52	7 5	15 5	0 33		1 1		10 45			n.a.
M26	10 29	27 50	5 1	19 52	2 29	5 39	1 7	12 34	1 42	20 57	1 19	24 4	0 33	20 55	0 42	6 50	1 52	7 5	15 4	0 34		1 2		10 42			n.a.
T 27	10 51	25 22	4 34	20 8	2 28	6 10	1 6	12 26	1 39	20 56	1 19	24 4	0 33	20 55	0 42	6 51	1 52	7 6	15 4	0 34		1 3		10 39			n.a.
W28	11 13	21 50	3 57	20 23	2 25	6 40	1 4	12 18	1 36	20 55	1 19	24 4	0 33	20 55	0 42	6 51	1 52	7 6	15 4	0 34		1 5		10 35			n.a.
T 29	11 35	17 28	3 9	20 35	2 22	7 11	1 2	12 9	1 33	20 53	1 18	24 3	0 33	20 55	0 42	6 52	1 52	7 6	15 4	0 33		1 6		10 32			n.a.
F 30	11 57	12 27	2 14	20 45	2 18	7 41	1 1	12 0	1 30	20 52	1 18	24 3	0 34	20 55	0 42	6 52	1 52	7 7	15 4	0 32		1 7		10 29			n.a.
S 31	12s18	7s 0	1s13	20s52	2s12	8s11	0n59	11s52	1s27	20s50	1s18	24s 3	0s34	20s55	0s42	6s53	1s52	7s 7	15s 4	0s32		1s 8		10s25			n.a.

Julian Day Number = 1502181.5, Delta T = 05h06m00s
Ecliptic obliquity = 23°46'13, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°21'48, Lahiri = -12°14'48 Julian Calendar 1 Oct. 601 BCE == Greg. Calendar 25 Sept. 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

NOVEMBER 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 15 12	2♏56'05	27♓ 9	23♏33	24♎21	3♓23	3♒51	8♉36	0♒55	17°R 5	17°R 1	28°R42	27♓ 7	7♓44	n.a.	S 1
M 2	2 19 8	3°57'08	9♈11	24° 7	25°36	3°40	3°56	8°40	0°55	17♓ 4	17♈ 0	28♓42	27° 4	7°51	n.a.	M 2
T 3	2 23 5	4°58'12	21°25	24°33	26°52	3°58	4° 2	8°45	0°56	17° 3	16°59	28°39	27° 1	7°58	n.a.	T 3
W 4	2 27 1	5°59'17	3♉51	24°51	28° 8	4°17	4° 8	8°49	0°57	17° 2	16°58	28°35	26°58	8° 4	n.a.	W 4
T 5	2 30 58	7° 0'23	16°30	25°R 0	29°23	4°36	4°14	8°54	0°58	17° 1	16°57	28°29	26°54	8°11	n.a.	T 5
F 6	2 34 55	8° 1'29	29°24	24°59	0♏39	4°55	4°20	8°58	0°59	17° 0	16°56	28°22	26°51	8°17	n.a.	F 6
S 7	2 38 51	9° 2'37	12♊31	24°46	1°54	5°15	4°26	9° 3	1° 0	16°59	16°55	28°15	26°48	8°24	n.a.	S 7
S 8	2 42 48	10° 3'46	25°51	24°23	3°10	5°36	4°33	9° 8	1° 1	16°58	16°54	28° 8	26°45	8°31	n.a.	S 8
M 9	2 46 44	11° 4'55	9♋22	23°47	4°26	5°57	4°39	9°13	1° 2	16°57	16°53	28° 3	26°42	8°37	n.a.	M 9
T 10	2 50 41	12° 6'06	23° 4	23° 1	5°41	6°18	4°46	9°18	1° 3	16°57	16°52	27°59	26°39	8°44	n.a.	T 10
W11	2 54 37	13° 7'17	6♌56	22° 4	6°57	6°39	4°53	9°23	1° 5	16°56	16°51	27°57	26°35	8°51	n.a.	W11
T 12	2 58 34	14° 8'30	20°57	20°57	8°12	7° 1	5° 0	9°28	1° 6	16°55	16°50	27°D57	26°32	8°57	n.a.	T 12
F 13	3 2 31	15° 9'43	5♍ 8	19°43	9°28	7°24	5° 7	9°33	1° 7	16°54	16°49	27°58	26°29	9° 4	n.a.	F 13
S 14	3 6 27	16°10'57	19°25	18°24	10°44	7°46	5°15	9°38	1° 9	16°54	16°48	27°59	26°26	9°11	n.a.	S 14
S 15	3 10 24	17°12'11	3♎48	17° 1	11°59	8°10	5°22	9°44	1°10	16°53	16°47	27°R59	26°23	9°17	n.a.	S 15
M16	3 14 20	18°13'27	18°12	15°39	13°15	8°33	5°30	9°49	1°12	16°52	16°46	27°58	26°20	9°24	n.a.	M16
T 17	3 18 17	19°14'43	2♏34	14°19	14°30	8°57	5°38	9°54	1°13	16°52	16°45	27°53	26°16	9°31	n.a.	T 17
W18	3 22 13	20°15'59	16°47	13° 5	15°46	9°21	5°46	10° 0	1°15	16°51	16°44	27°47	26°13	9°37	n.a.	W18
T 19	3 26 10	21°17'16	0♐47	11°58	17° 2	9°45	5°54	10° 5	1°16	16°51	16°43	27°38	26°10	9°44	n.a.	T 19
F 20	3 30 6	22°18'33	14°28	11° 0	18°17	10°10	6° 3	10°11	1°18	16°50	16°42	27°28	26° 7	9°51	n.a.	F 20
S 21	3 34 3	23°19'51	27°48	10°12	19°33	10°35	6°11	10°17	1°20	16°50	16°41	27°18	26° 4	9°57	n.a.	S 21
S 22	3 38 0	24°21'08	10♑45	9°35	20°48	11° 1	6°20	10°22	1°22	16°49	16°40	27° 9	26° 0	10° 4	n.a.	S 22
M23	3 41 56	25°22'25	23°21	9° 8	22° 4	11°27	6°28	10°28	1°23	16°49	16°40	27° 2	25°57	10°11	n.a.	M23
T 24	3 45 53	26°23'43	5♒39	8°52	23°19	11°53	6°37	10°34	1°25	16°49	16°39	26°57	25°54	10°17	n.a.	T 24
W25	3 49 49	27°25'00	17°41	8°D45	24°35	12°19	6°46	10°40	1°27	16°48	16°38	26°55	25°51	10°24	n.a.	W25
T 26	3 53 46	28°26'16	29°33	8°49	25°51	12°46	6°56	10°46	1°29	16°48	16°37	26°D54	25°48	10°31	n.a.	T 26
F 27	3 57 42	29°27'33	11♓21	9° 1	27° 6	13°13	7° 5	10°52	1°31	16°48	16°36	26°55	25°45	10°37	n.a.	F 27
S 28	4 1 39	0♐28'49	23°10	9°21	28°22	13°40	7°14	10°58	1°33	16°47	16°35	26°R55	25°41	10°44	n.a.	S 28
S 29	4 5 35	1°30'05	5♈ 5	9°48	29°37	14° 7	7°24	11° 4	1°35	16°47	16°35	26°55	25°38	10°50	n.a.	S 29
M30	4 9 32	2♐31'20	17♈12	10♏22	0♐53	14♓35	7♒34	11♉10	1♒37	16♓47	16♈34	26♓53	25♓35	10♓57	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s40	1s16	0s 8	20s57	2s 6	8s41	0n57	11s43	1s24	20s49	1s18	24s 3	0s34	20s54	0s42	6s53	1s52	7s 7	15s 4	0s31	1s10	10s22		n.a.
M 2	13 1	4n34	0n57	20 58	1 58	9 11	0 55	11 33	1 21	20 48	1 18	24 2	0 34	20 54	0 42	6 53	1 52	7 7	15 4	0 32	1 11	10 19		n.a.
T 3	13 21	10 19	2 1	20 55	1 49	9 40	0 53	11 24	1 18	20 46	1 18	24 2	0 34	20 54	0 41	6 54	1 52	7 8	15 4	0 32	1 12	10 16		n.a.
W 4	13 42	15 47	3 0	20 50	1 38	10 9	0 51	11 15	1 15	20 44	1 17	24 2	0 34	20 54	0 41	6 54	1 52	7 8	15 3	0 34	1 13	10 12		n.a.
T 5	14 2	20 41	3 51	20 40	1 26	10 38	0 49	11 5	1 13	20 43	1 17	24 2	0 34	20 54	0 41	6 54	1 52	7 8	15 3	0 37	1 15	10 9		n.a.
F 6	14 23	24 42	4 31	20 27	1 13	11 7	0 47	10 55	1 10	20 41	1 17	24 1	0 34	20 53	0 41	6 55	1 52	7 9	15 3	0 39	1 16	10 6		n.a.
S 7	14 42	27 32	4 58	20 9	0 58	11 36	0 45	10 45	1 7	20 39	1 17	24 1	0 34	20 53	0 41	6 55	1 52	7 9	15 3	0 42	1 17	10 2		n.a.
S 8	15 2	28 51	5 9	19 47	0 41	12 4	0 43	10 35	1 5	20 38	1 17	24 1	0 34	20 53	0 41	6 55	1 52	7 9	15 3	0 45	1 19	9 59		n.a.
M 9	15 22	28 28	5 3	19 21	0 23	12 32	0 41	10 25	1 2	20 36	1 16	24 0	0 34	20 52	0 41	6 56	1 51	7 9	15 3	0 47	1 20	9 56		n.a.
T 10	15 41	26 22	4 40	18 51	0 4	12 59	0 39	10 15	1 0	20 34	1 16	24 0	0 34	20 52	0 41	6 56	1 51	7 10	15 3	0 49	1 21	9 52		n.a.
W11	16 0	22 40	4 1	18 17	0n16	13 27	0 37	10 4	0 57	20 32	1 16	24 0	0 34	20 52	0 41	6 56	1 51	7 10	15 2	0 50	1 22	9 49		n.a.
T 12	16 18	17 39	3 7	17 40	0 36	13 54	0 34	9 54	0 55	20 30	1 16	23 59	0 34	20 52	0 41	6 56	1 51	7 10	15 2	0 50	1 24	9 46		n.a.
F 13	16 36	11 37	2 0	17 0	0 56	14 20	0 32	9 43	0 52	20 28	1 16	23 59	0 34	20 51	0 41	6 57	1 51	7 10	15 2	0 49	1 25	9 42		n.a.
S 14	16 54	4 57	0 46	16 19	1 16	14 47	0 30	9 32	0 50	20 26	1 16	23 59	0 34	20 51	0 41	6 57	1 51	7 10	15 2	0 49	1 26	9 39		n.a.
S 15	17 12	2s 0	0s31	15 37	1 36	15 12	0 28	9 22	0 48	20 24	1 15	23 58	0 34	20 51	0 41	6 57	1 51	7 11	15 2	0 49	1 28	9 36		n.a.
M16	17 30	8 52	1 47	14 57	1 53	15 38	0 25	9 11	0 45	20 22	1 15	23 58	0 34	20 50	0 41	6 57	1 51	7 11	15 2	0 49	1 29	9 32		n.a.
T 17	17 47	15 16	2 55	14 18	2 9	16 3	0 23	9 0	0 43	20 20	1 15	23 58	0 34	20 50	0 41	6 57	1 51	7 11	15 1	0 51	1 30	9 29		n.a.
W18	18 3	20 46	3 51	13 43	2 23	16 27	0 21	8 48	0 41	20 18	1 15	23 57	0 34	20 49	0 41	6 58	1 51	7 11	15 1	0 54	1 31	9 26		n.a.
T 19	18 20	25 2	4 33	13 11	2 35	16 52	0 18	8 37	0 39	20 16	1 15	23 57	0 34	20 49	0 41	6 58	1 51	7 11	15 1	0 57	1 33	9 22		n.a.
F 20	18 36	27 47	4 58	12 44	2 44	17 15	0 16	8 25	0 37	20 13	1 15	23 56	0 34	20 49	0 41	6 58	1 51	7 11	15 1	1 1	1 34	9 19		n.a.
S 21	18 52	28 50	5 5	12 22	2 51	17 39	0 14	8 14	0 35	20 11	1 14	23 56	0 34	20 48	0 41	6 58	1 51	7 12	15 1	1 5	1 35	9 16		n.a.
S 22	19 7	28 16	4 57	12 6	2 56	18 1	0 11	8 2	0 33	20 9	1 14	23 56	0 34	20 48	0 41	6 58	1 51	7 12	15 0	1 9	1 36	9 12		n.a.
M23	19 22	26 13	4 34	11 55	2 59	18 24	0 9	7 51	0 31	20 6	1 14	23 55	0 34	20 47	0 41	6 58	1 51	7 12	15 0	1 12	1 38	9 9		n.a.
T 24	19 37	22 59	3 59	11 48	3 0	18 45	0 7	7 39	0 29	20 4	1 14	23 55	0 34	20 47	0 41	6 58	1 51	7 12	15 0	1 14	1 39	9 6		n.a.
W25	19 51	18 49	3 14	11 47	3 0	19 7	0 4	7 27	0 27	20 1	1 14	23 54	0 34	20 46	0 41	6 58	1 51	7 12	15 0	1 15	1 40	9 2		n.a.
T 26	20 5	13 59	2 21	11 50	2 58	19 27	0 2	7 15	0 25	19 59	1 14	23 54	0 34	20 46	0 41	6 58	1 51	7 12	14 59	1 15	1 42	8 59		n.a.
F 27	20 19	8 40	1 22	11 56	2 55	19 47	0s 1	7 2	0 23	19 56	1 13	23 53	0 34	20 46	0 41	6 59	1 51	7 12	14 59	1 15	1 43	8 56		n.a.
S 28	20 32	3 3	0 20	12 6	2 51	20 7	0 3	6 50	0 21	19 54	1 13	23 53	0 34	20 45	0 41	6 59	1 50	7 12	14 59	1 14	1 44	8 52		n.a.
S 29	20 45	2n43	0n44	12 20	2 46	20 26	0 5	6 38	0 19	19 51	1 13	23 52	0 35	20 45	0 41	6 59	1 50	7 12	14 59	1 15	1 45	8 49		n.a.
M30	20s57	8n28	1n46	12s36	2n40	20s45	0s 8	6s26	0s18	19s49	1s13	23s52	0s35	20s44	0s41	6s59	1s50	7s12	14s58	1s15	1s47	8s46		n.a.

Julian Day Number = 1502212.5, Delta T = 05h05m58s
Ecliptic obliquity = 23°46'13, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°21'44, Lahiri = -12°14'44 Julian Calendar 1 Nov. 601 BCE == Greg. Calendar 26 Oct. 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 601 BCE
geocentric

DECEMBER 601 BCE (-600) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 13 29	3♐32'35	29♈33	11♏ 1	2♐ 8	15♓ 3	7♒43	11♑17	1♒39	16°R47	16°R33	26°R48	25♓32	11♓ 4	n.a.	T 1
W 2	4 17 25	4°33'50	12♉12	11°46	3°24	15°31	7°53	11°23	1°42	16♓47	16♈32	26♓41	25°29	11°10	n.a.	W 2
T 3	4 21 22	5°35'04	25°10	12°36	4°39	15°59	8° 4	11°29	1°44	16°47	16°32	26°31	25°26	11°17	n.a.	T 3
F 4	4 25 18	6°36'19	8♊26	13°30	5°54	16°27	8°14	11°36	1°46	16°D47	16°31	26°19	25°22	11°24	n.a.	F 4
S 5	4 29 15	7°37'33	21°59	14°27	7°10	16°56	8°24	11°42	1°48	16°47	16°30	26° 7	25°19	11°30	n.a.	S 5
S 6	4 33 11	8°38'46	5♋46	15°28	8°25	17°25	8°34	11°49	1°51	16°47	16°30	25°55	25°16	11°37	n.a.	S 6
M 7	4 37 8	9°40'00	19°42	16°32	9°41	17°54	8°45	11°55	1°53	16°47	16°29	25°45	25°13	11°44	n.a.	M 7
T 8	4 41 5	10°41'13	3♌44	17°38	10°56	18°24	8°56	12° 2	1°55	16°47	16°29	25°37	25°10	11°50	n.a.	T 8
W 9	4 45 1	11°42'26	17°50	18°47	12°12	18°53	9° 6	12° 8	1°58	16°47	16°28	25°33	25° 6	11°57	n.a.	W 9
T 10	4 48 58	12°43'39	1♍55	19°58	13°27	19°23	9°17	12°15	2° 0	16°47	16°27	25°31	25° 3	12° 4	n.a.	T 10
F 11	4 52 54	13°44'51	16° 0	21°11	14°42	19°53	9°28	12°22	2° 3	16°48	16°27	25°D31	25° 0	12°10	n.a.	F 11
S 12	4 56 51	14°46'03	0♎ 4	22°26	15°58	20°23	9°39	12°28	2° 5	16°48	16°26	25°R31	24°57	12°17	n.a.	S 12
S 13	5 0 47	15°47'15	14° 5	23°42	17°13	20°53	9°51	12°35	2° 8	16°48	16°26	25°30	24°54	12°24	n.a.	S 13
M14	5 4 44	16°48'26	28° 4	25° 0	18°29	21°24	10° 2	12°42	2°11	16°49	16°25	25°26	24°51	12°30	n.a.	M14
T 15	5 8 40	17°49'37	11♏57	26°19	19°44	21°54	10°13	12°49	2°13	16°49	16°25	25°20	24°47	12°37	n.a.	T 15
W16	5 12 37	18°50'47	25°44	27°39	20°59	22°25	10°25	12°56	2°16	16°49	16°24	25°11	24°44	12°44	n.a.	W16
T 17	5 16 34	19°51'57	9♐20	29° 1	22°15	22°56	10°36	13° 2	2°19	16°50	16°24	24°59	24°41	12°50	n.a.	T 17
F 18	5 20 30	20°53'06	22°43	0♐23	23°30	23°27	10°48	13° 9	2°22	16°50	16°23	24°45	24°38	12°57	n.a.	F 18
S 19	5 24 27	21°54'15	5♑49	1°47	24°45	23°59	11° 0	13°16	2°24	16°51	16°23	24°32	24°35	13° 4	n.a.	S 19
S 20	5 28 23	22°55'22	18°38	3°11	26° 1	24°30	11°12	13°23	2°27	16°51	16°23	24°19	24°32	13°10	n.a.	S 20
M21	5 32 20	23°56'28	1♒10	4°36	27°16	25° 2	11°24	13°30	2°30	16°52	16°22	24° 8	24°28	13°17	n.a.	M21
T 22	5 36 16	24°57'33	13°25	6° 2	28°31	25°33	11°36	13°37	2°33	16°53	16°22	24° 0	24°25	13°23	n.a.	T 22
W23	5 40 13	25°58'37	25°27	7°29	29°47	26° 5	11°48	13°44	2°36	16°53	16°22	23°55	24°22	13°30	n.a.	W23
T 24	5 44 10	26°59'39	7♓19	8°57	1♑ 2	26°37	12° 0	13°51	2°39	16°54	16°21	23°52	24°19	13°37	n.a.	T 24
F 25	5 48 6	28° 0'40	19° 6	10°26	2°17	27° 9	12°12	13°59	2°42	16°55	16°21	23°52	24°16	13°43	n.a.	F 25
S 26	5 52 3	29° 1'40	0♈55	11°55	3°32	27°41	12°25	14° 6	2°45	16°55	16°21	23°52	24°12	13°50	n.a.	S 26
S 27	5 55 59	0♑ 2'38	12°49	13°25	4°48	28°14	12°37	14°13	2°48	16°56	16°21	23°51	24° 9	13°57	n.a.	S 27
M28	5 59 56	1° 3'35	24°56	14°55	6° 3	28°46	12°50	14°20	2°51	16°57	16°20	23°49	24° 6	14° 3	n.a.	M28
T 29	6 3 52	2° 4'30	7♉20	16°27	7°18	29°19	13° 2	14°27	2°54	16°58	16°20	23°45	24° 3	14°10	n.a.	T 29
W30	6 7 49	3° 5'24	20° 4	17°59	8°33	29°51	13°15	14°34	2°57	16°59	16°20	23°38	24° 0	14°17	n.a.	W30
T 31	6 11 45	4♑ 6'17	3♊12	19♐32	9♑48	0♈24	13♒28	14♑42	3♒ 0	17♓ 0	16♈20	23♓28	23♓57	14♓23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21s 9	14n 1	2n45	12s54	2n34	21s 2	0s10	6s13	0s16	19s46	1s13	23s52	0s35	20s44	0s41	6s59	1s50	7s12	14s58	1s17	1s48	8s42			n.a.
W 2	21 21	19 8	3 36	13 15	2 27	21 20	0 12	6 0	0 14	19 43	1 13	23 51	0 35	20 43	0 41	6 59	1 50	7 12	14 58	1 20	1 49	8 39			n.a.
T 3	21 32	23 29	4 18	13 37	2 20	21 36	0 15	5 48	0 13	19 40	1 13	23 51	0 35	20 43	0 41	6 59	1 50	7 12	14 58	1 24	1 51	8 36			n.a.
F 4	21 43	26 44	4 47	14 0	2 13	21 52	0 17	5 35	0 11	19 37	1 13	23 50	0 35	20 42	0 41	6 58	1 50	7 12	14 57	1 29	1 52	8 32			n.a.
S 5	21 53	28 31	5 1	14 25	2 5	22 8	0 19	5 22	0 9	19 35	1 12	23 49	0 35	20 41	0 41	6 58	1 50	7 12	14 57	1 34	1 53	8 29			n.a.
S 6	22 3	28 35	4 57	14 50	1 57	22 22	0 22	5 9	0 8	19 32	1 12	23 49	0 35	20 41	0 41	6 58	1 50	7 12	14 57	1 39	1 54	8 26			n.a.
M 7	22 12	26 51	4 36	15 17	1 49	22 36	0 24	4 56	0 6	19 29	1 12	23 48	0 35	20 40	0 41	6 58	1 50	7 12	14 57	1 43	1 56	8 22			n.a.
T 8	22 21	23 26	3 58	15 43	1 40	22 50	0 26	4 43	0 5	19 26	1 12	23 48	0 35	20 40	0 41	6 58	1 50	7 12	14 56	1 46	1 57	8 19			n.a.
W 9	22 30	18 38	3 5	16 11	1 32	23 2	0 28	4 30	0 3	19 23	1 12	23 47	0 35	20 39	0 40	6 58	1 50	7 12	14 56	1 48	1 58	8 15			n.a.
T 10	22 38	12 49	2 1	16 38	1 24	23 14	0 31	4 17	0 2	19 20	1 12	23 47	0 35	20 39	0 40	6 58	1 50	7 12	14 56	1 48	1 59	8 12			n.a.
F 11	22 46	6 22	0 50	17 6	1 15	23 25	0 33	4 4	0 0	19 17	1 12	23 46	0 35	20 38	0 40	6 58	1 50	7 12	14 55	1 49	2 1	8 9			n.a.
S 12	22 53	0s24	0s24	17 33	1 7	23 36	0 35	3 51	0n 1	19 14	1 12	23 46	0 35	20 37	0 40	6 58	1 50	7 12	14 55	1 48	2 2	8 5			n.a.
S 13	23 0	7 7	1 37	18 1	0 58	23 46	0 37	3 37	0 2	19 10	1 11	23 45	0 35	20 37	0 40	6 57	1 50	7 12	14 55	1 49	2 3	8 2			n.a.
M14	23 6	13 28	2 43	18 28	0 50	23 55	0 39	3 24	0 4	19 7	1 11	23 44	0 35	20 36	0 40	6 57	1 50	7 12	14 55	1 50	2 5	7 59			n.a.
T 15	23 12	19 6	3 39	18 55	0 42	24 3	0 41	3 10	0 5	19 4	1 11	23 44	0 35	20 36	0 40	6 57	1 49	7 12	14 54	1 53	2 6	7 55			n.a.
W16	23 18	23 41	4 22	19 22	0 34	24 11	0 44	2 57	0 7	19 1	1 11	23 43	0 35	20 35	0 40	6 57	1 49	7 12	14 54	1 56	2 7	7 52			n.a.
T 17	23 23	26 55	4 49	19 48	0 26	24 18	0 46	2 43	0 8	18 57	1 11	23 42	0 35	20 34	0 40	6 57	1 49	7 12	14 54	2 1	2 8	7 48			n.a.
F 18	23 27	28 33	5 0	20 13	0 18	24 24	0 48	2 30	0 9	18 54	1 11	23 42	0 35	20 34	0 40	6 56	1 49	7 12	14 53	2 7	2 10	7 45			n.a.
S 19	23 31	28 32	4 54	20 39	0 10	24 29	0 50	2 16	0 10	18 51	1 11	23 41	0 36	20 33	0 40	6 56	1 49	7 11	14 53	2 12	2 11	7 42			n.a.
S 20	23 35	26 58	4 34	21 3	0 2	24 34	0 51	2 2	0 12	18 47	1 11	23 41	0 36	20 32	0 40	6 56	1 49	7 11	14 53	2 17	2 12	7 38			n.a.
M21	23 38	24 5	4 0	21 27	0s 5	24 38	0 53	1 48	0 13	18 44	1 11	23 40	0 36	20 32	0 40	6 56	1 49	7 11	14 52	2 22	2 14	7 35			n.a.
T 22	23 40	20 9	3 16	21 49	0 13	24 41	0 55	1 35	0 14	18 40	1 10	23 39	0 36	20 31	0 40	6 55	1 49	7 11	14 52	2 25	2 15	7 31			n.a.
W23	23 42	15 29	2 24	22 11	0 20	24 43	0 57	1 21	0 15	18 37	1 10	23 39	0 36	20 30	0 40	6 55	1 49	7 11	14 52	2 27	2 16	7 28			n.a.
T 24	23 44	10 17	1 26	22 33	0 27	24 45	0 59	1 7	0 16	18 33	1 10	23 38	0 36	20 29	0 40	6 55	1 49	7 11	14 51	2 28	2 17	7 25			n.a.
F 25	23 45	4 45	0 25	22 53	0 34	24 46	1 1	0 53	0 17	18 30	1 10	23 37	0 36	20 29	0 40	6 54	1 49	7 10	14 51	2 28	2 19	7 21			n.a.
S 26	23 46	0n56	0n37	23 12	0 41	24 46	1 2	0 39	0 19	18 26	1 10	23 36	0 36	20 28	0 40	6 54	1 49	7 10	14 51	2 28	2 20	7 18			n.a.
S 27	23 46	6 39	1 39	23 30	0 47	24 45	1 4	0 25	0 20	18 22	1 10	23 36	0 36	20 27	0 40	6 54	1 49	7 10	14 50	2 28	2 21	7 15			n.a.
M28	23 46	12 12	2 37	23 48	0 54	24 43	1 5	0 11	0 21	18 19	1 10	23 35	0 36	20 27	0 40	6 53	1 49	7 10	14 50	2 29	2 22	7 11			n.a.
T 29	23 45	17 25	3 29	24 4	1 0	24 41	1 7	0n 3	0 22	18 15	1 10	23 34	0 36	20 26	0 40	6 53	1 49	7 10	14 50	2 31	2 24	7 8			n.a.
W30	23 44	22 2	4 11	24 18	1 6	24 38	1 9	0 17	0 23	18 11	1 10	23 34	0 36	20 25	0 40	6 52	1 49	7 9	14 49	2 34	2 25	7 4			n.a.
T 31	23s42	25n42	4n43	24s32	1s11	24s34	1s10	0n32	0n24	18s 7	1s10	23s33	0s36	20s24	0s40	6s52	1s49	7s 9	14s49	2s38	2s26	7s 1			n.a.

Julian Day Number = 1502242.5, Delta T = 05h05m57s
Ecliptic obliquity = 23°46'12, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -11°21'40, Lahiri = -12°14'40 Julian Calendar 1 Dec. 601 BCE == Greg. Calendar 25 Nov. 601 BCE

The year -600 astronomical counting style corresponds to year 601 B.C.E historical counting style.

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