Astrodienst Ephemeris Tables

from the year 4200 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

JANUARY 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 32 48	10♐14'04	16♍44	16♏38	8♉32	7♒32	11°R17	21♍15	2♒38	23°R15	27°R35	28°R 0	28♌36	20♓51	n.a.	S 1
S 2	4 36 44	11°13'55	0♎54	16°54	9°46	8°10	11♋11	21°18	2°41	23♓15	27♊34	27♌59	28°33	20°58	n.a.	S 2
M 3	4 40 41	12°13'43	15° 8	17°15	10°59	8°49	11° 5	21°21	2°43	23°15	27°32	27°55	28°30	21° 4	n.a.	M 3
T 4	4 44 38	13°13'29	29°23	17°41	12°12	9°28	10°59	21°24	2°46	23°15	27°31	27°49	28°26	21°11	n.a.	T 4
W 5	4 48 34	14°13'14	13♏37	18°12	13°25	10° 6	10°53	21°26	2°48	23°D15	27°29	27°40	28°23	21°18	n.a.	W 5
T 6	4 52 31	15°12'56	27°43	18°48	14°38	10°45	10°47	21°29	2°51	23°15	27°28	27°29	28°20	21°24	n.a.	T 6
F 7	4 56 27	16°12'37	11♑38	19°27	15°51	11°23	10°40	21°31	2°53	23°15	27°26	27°17	28°17	21°31	n.a.	F 7
S 8	5 0 24	17°12'15	25°16	20°10	17° 4	12° 2	10°34	21°34	2°56	23°15	27°24	27° 6	28°14	21°38	n.a.	S 8
S 9	5 4 20	18°11'50	8♉34	20°57	18°17	12°41	10°27	21°36	2°59	23°15	27°23	26°56	28°10	21°44	n.a.	S 9
M10	5 8 17	19°11'24	21°32	21°48	19°30	13°19	10°21	21°38	3° 1	23°16	27°21	26°48	28° 7	21°51	n.a.	M10
T 11	5 12 13	20°10'55	4♒ 9	22°41	20°43	13°58	10°14	21°40	3° 4	23°16	27°20	26°44	28° 4	21°58	n.a.	T 11
W12	5 16 10	21°10'23	16°28	23°38	21°56	14°36	10° 7	21°42	3° 7	23°16	27°18	26°41	28° 1	22° 4	n.a.	W12
T 13	5 20 6	22° 9'49	28°33	24°37	23° 9	15°15	10° 0	21°44	3° 9	23°16	27°17	26°D41	27°58	22°11	n.a.	T 13
F 14	5 24 3	23° 9'12	10♓27	25°39	24°21	15°54	9°53	21°46	3°12	23°17	27°15	26°41	27°55	22°18	n.a.	F 14
S 15	5 28 0	24° 8'33	22°16	26°43	25°34	16°32	9°46	21°47	3°15	23°17	27°13	26°R42	27°51	22°24	n.a.	S 15
S 16	5 31 56	25° 7'51	4♈ 5	27°50	26°46	17°11	9°38	21°49	3°18	23°17	27°12	26°41	27°48	22°31	n.a.	S 16
M17	5 35 53	26° 7'06	16° 1	28°59	27°59	17°49	9°31	21°50	3°21	23°18	27°10	26°39	27°45	22°38	n.a.	M17
T 18	5 39 49	27° 6'19	28° 7	0♑10	29°11	18°28	9°24	21°52	3°24	23°18	27° 9	26°35	27°42	22°44	n.a.	T 18
W19	5 43 46	28° 5'30	10♉28	1°23	0♒23	19° 6	9°16	21°53	3°27	23°19	27° 7	26°28	27°39	22°51	n.a.	W19
T 20	5 47 42	29° 4'38	23° 7	2°38	1°36	19°45	9° 9	21°54	3°29	23°19	27° 5	26°19	27°36	22°58	n.a.	T 20
F 21	5 51 39	0♉ 3'44	6♊ 5	3°55	2°48	20°23	9° 1	21°55	3°32	23°20	27° 4	26°10	27°32	23° 4	n.a.	F 21
S 22	5 55 35	1° 2'47	19°23	5°14	4° 0	21° 2	8°54	21°56	3°35	23°20	27° 2	26° 0	27°29	23°11	n.a.	S 22
S 23	5 59 32	2° 1'48	3♋ 0	6°35	5°12	21°40	8°46	21°57	3°38	23°21	27° 1	25°51	27°26	23°18	n.a.	S 23
M24	6 3 28	3° 0'46	16°51	7°57	6°24	22°19	8°39	21°58	3°42	23°21	26°59	25°44	27°23	23°24	n.a.	M24
T 25	6 7 25	3°59'43	0♌54	9°21	7°36	22°57	8°31	21°59	3°45	23°22	26°57	25°39	27°20	23°31	n.a.	T 25
W26	6 11 21	4°58'37	15° 4	10°47	8°48	23°36	8°23	21°59	3°48	23°23	26°56	25°37	27°16	23°37	n.a.	W26
T 27	6 15 18	5°57'29	29°18	12°14	9°59	24°14	8°16	22° 0	3°51	23°24	26°54	25°D36	27°13	23°44	n.a.	T 27
F 28	6 19 14	6°56'19	13♍32	13°43	11°11	24°52	8° 8	22° 0	3°54	23°24	26°53	25°37	27°10	23°51	n.a.	F 28
S 29	6 23 11	7°55'08	27°44	15°13	12°23	25°31	8° 0	22° 1	3°57	23°25	26°51	25°38	27° 7	23°57	n.a.	S 29
S 30	6 27 8	8°53'54	11♎53	16°45	13°34	26° 9	7°52	22° 1	4° 0	23°26	26°49	25°R39	27° 4	24° 4	n.a.	S 30
M31	6 31 4	9♉52'38	25♎57	18♑19	14♒45	26♒48	7♋45	22♍ 1	4♒ 3	23♓27	26♊48	25♌37	27♌ 1	24♓11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s37	6n52	1n38	14s50	2n33	25s20	1s30	19s29	0s36	25n17	1n40	5n51	2n30	20s56	0s50	4s45	2s11	39n31	15n25	12n30	12n17	5s31		n.a.
S 2	22 45	2 9	2 45	15 6	2 21	25 14	1 29	19 18	0 35	25 17	1 40	5 50	2 31	20 56	0 50	4 45	2 11	39 31	15 26	12 31	12 19	5 29		n.a.
M 3	22 54	2s43	3 42	15 23	2 10	25 7	1 28	19 6	0 34	25 18	1 40	5 49	2 31	20 55	0 50	4 45	2 11	39 31	15 26	12 32	12 20	5 27		n.a.
T 4	23 1	7 26	4 26	15 42	1 58	24 59	1 27	18 55	0 33	25 19	1 41	5 48	2 31	20 54	0 50	4 45	2 11	39 31	15 26	12 34	12 21	5 25		n.a.
W 5	23 9	11 43	4 53	16 2	1 47	24 50	1 26	18 43	0 32	25 20	1 41	5 48	2 31	20 54	0 50	4 44	2 11	39 31	15 26	12 37	12 22	5 23		n.a.
T 6	23 16	15 19	5 2	16 23	1 35	24 41	1 24	18 32	0 31	25 21	1 41	5 47	2 32	20 53	0 50	4 44	2 11	39 32	15 26	12 41	12 23	5 21		n.a.
F 7	23 22	17 59	4 53	16 45	1 24	24 31	1 23	18 20	0 30	25 21	1 41	5 46	2 32	20 53	0 50	4 44	2 10	39 32	15 27	12 45	12 24	5 19		n.a.
S 8	23 29	19 35	4 27	17 8	1 12	24 20	1 21	18 8	0 29	25 22	1 42	5 45	2 32	20 52	0 50	4 44	2 10	39 32	15 27	12 49	12 25	5 17		n.a.
S 9	23 34	20 3	3 47	17 31	1 1	24 9	1 20	17 56	0 29	25 23	1 42	5 45	2 32	20 51	0 50	4 44	2 10	39 32	15 27	12 53	12 26	5 15		n.a.
M10	23 39	19 27	2 56	17 55	0 50	23 56	1 18	17 44	0 28	25 24	1 42	5 44	2 32	20 51	0 50	4 44	2 10	39 32	15 27	12 55	12 28	5 13		n.a.
T 11	23 44	17 52	1 57	18 20	0 39	23 44	1 16	17 32	0 27	25 24	1 42	5 43	2 33	20 50	0 50	4 44	2 10	39 32	15 27	12 57	12 29	5 11		n.a.
W12	23 48	15 29	0 54	18 44	0 29	23 30	1 15	17 19	0 26	25 25	1 43	5 43	2 33	20 49	0 50	4 44	2 10	39 32	15 27	12 58	12 30	5 9		n.a.
T 13	23 52	12 28	0s10	19 9	0 19	23 16	1 13	17 7	0 25	25 26	1 43	5 42	2 33	20 49	0 50	4 43	2 10	39 32	15 27	12 58	12 31	5 7		n.a.
F 14	23 56	8 59	1 13	19 34	0 9	23 1	1 11	16 54	0 24	25 27	1 43	5 42	2 33	20 48	0 50	4 43	2 10	39 32	15 28	12 58	12 32	5 5		n.a.
S 15	23 59	5 10	2 12	19 59	0s 1	22 45	1 9	16 42	0 23	25 28	1 43	5 41	2 34	20 47	0 50	4 43	2 10	39 32	15 28	12 58	12 33	5 3		n.a.
S 16	24 1	1 10	3 6	20 24	0 10	22 29	1 7	16 29	0 23	25 28	1 43	5 41	2 34	20 47	0 50	4 43	2 10	39 32	15 28	12 58	12 34	5 1		n.a.
M17	24 3	2n55	3 52	20 49	0 20	22 12	1 5	16 16	0 22	25 29	1 44	5 40	2 34	20 46	0 50	4 43	2 10	39 33	15 28	12 59	12 36	4 59		n.a.
T 18	24 5	6 56	4 29	21 13	0 28	21 55	1 3	16 3	0 21	25 30	1 44	5 40	2 34	20 45	0 50	4 42	2 10	39 33	15 28	13 0	12 37	4 57		n.a.
W19	24 6	10 44	4 54	21 37	0 37	21 37	1 0	15 50	0 20	25 30	1 44	5 40	2 35	20 44	0 50	4 42	2 9	39 33	15 28	13 3	12 38	4 55		n.a.
T 20	24 6	14 10	5 5	22 0	0 45	21 18	0 58	15 37	0 19	25 31	1 44	5 39	2 35	20 44	0 50	4 42	2 9	39 33	15 28	13 6	12 39	4 53		n.a.
F 21	24 7	17 0	5 1	22 23	0 53	20 59	0 56	15 24	0 19	25 32	1 44	5 39	2 35	20 43	0 50	4 41	2 9	39 33	15 28	13 9	12 40	4 51		n.a.
S 22	24 6	19 1	4 41	22 46	1 0	20 39	0 53	15 10	0 18	25 32	1 44	5 39	2 35	20 42	0 50	4 41	2 9	39 33	15 28	13 12	12 41	4 49		n.a.
S 23	24 6	20 1	4 4	23 7	1 7	20 19	0 51	14 57	0 17	25 33	1 44	5 39	2 35	20 41	0 50	4 41	2 9	39 33	15 28	13 15	12 42	4 47		n.a.
M24	24 5	19 50	3 13	23 28	1 14	19 58	0 48	14 43	0 16	25 34	1 45	5 39	2 36	20 41	0 50	4 40	2 9	39 33	15 28	13 18	12 43	4 45		n.a.
T 25	24 3	18 26	2 9	23 48	1 20	19 37	0 45	14 30	0 15	25 34	1 45	5 39	2 36	20 40	0 50	4 40	2 9	39 33	15 28	13 20	12 44	4 43		n.a.
W26	24 1	15 52	0 57	24 7	1 26	19 15	0 43	14 16	0 15	25 35	1 45	5 39	2 36	20 39	0 50	4 40	2 9	39 32	15 28	13 20	12 46	4 41		n.a.
T 27	23 58	12 21	0n20	24 25	1 32	18 53	0 40	14 2	0 14	25 36	1 45	5 39	2 36	20 38	0 50	4 39	2 9	39 32	15 28	13 21	12 47	4 39		n.a.
F 28	23 55	8 6	1 35	24 42	1 37	18 30	0 37	13 48	0 13	25 36	1 45	5 39	2 37	20 38	0 50	4 39	2 9	39 32	15 28	13 20	12 48	4 37		n.a.
S 29	23 52	3 26	2 45	24 57	1 42	18 7	0 34	13 34	0 12	25 37	1 45	5 39	2 37	20 37	0 50	4 39	2 9	39 32	15 28	13 20	12 49	4 35		n.a.
S 30	23 48	1s25	3 44	25 12	1 46	17 43	0 31	13 20	0 12	25 37	1 45	5 39	2 37	20 36	0 50	4 38	2 9	39 32	15 28	13 20	12 50	4 33		n.a.
M31	23s44	6s 8	4n29	25s25	1s50	17s19	0s28	13s 6	0s11	25n38	1n45	5n39	2n37	20s35	0s50	4s38	2s 9	39n32	15n28	13n20	12n51	4s31		n.a.

Julian Day Number = 187373.5, Delta T = 32h34m29s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°46'18, Lahiri = -61°39'17 Julian Calendar 1 Jan. 4200 BCE == Greg. Calendar 29 Nov. 4201 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

FEBRUARY 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 35 1	10♉51'20	9♏54	19♐54	15♒57	27♒26	7°R37	22°R 1	4♒ 7	23♓28	26°R46	25°R34	26♌57	24♓17	n.a.	T 1
W 2	6 38 57	11°50'01	23°43	21°30	17° 8	28° 4	7♋29	22♍ 1	4°10	23°29	26♊45	25♌29	26°54	24°24	n.a.	W 2
T 3	6 42 54	12°48'39	7♐23	23° 8	18°19	28°43	7°22	22° 1	4°13	23°30	26°43	25°23	26°51	24°31	n.a.	T 3
F 4	6 46 50	13°47'16	20°50	24°48	19°30	29°21	7°14	22° 0	4°16	23°31	26°42	25°16	26°48	24°37	n.a.	F 4
S 5	6 50 47	14°45'51	4♉ 4	26°29	20°41	29°59	7° 6	22° 0	4°20	23°32	26°40	25° 9	26°45	24°44	n.a.	S 5
S 6	6 54 43	15°44'23	17° 2	28°11	21°52	0♓38	6°59	22° 0	4°23	23°33	26°39	25° 3	26°42	24°51	n.a.	S 6
M 7	6 58 40	16°42'53	29°45	29°56	23° 3	1°16	6°51	21°59	4°26	23°34	26°37	24°59	26°38	24°57	n.a.	M 7
T 8	7 2 36	17°41'21	12♒12	1♉41	24°14	1°55	6°44	21°59	4°30	23°35	26°36	24°56	26°35	25° 4	n.a.	T 8
W 9	7 6 33	18°39'47	24°25	3°29	25°24	2°33	6°36	21°58	4°33	23°36	26°34	24°D55	26°32	25°11	n.a.	W 9
T 10	7 10 29	19°38'10	6♓26	5°17	26°35	3°11	6°29	21°57	4°36	23°37	26°33	24°56	26°29	25°17	n.a.	T 10
F 11	7 14 26	20°36'32	18°20	7° 8	27°45	3°49	6°21	21°56	4°40	23°38	26°31	24°57	26°26	25°24	n.a.	F 11
S 12	7 18 22	21°34'50	0♈ 9	9° 0	28°55	4°28	6°14	21°55	4°43	23°40	26°30	24°59	26°22	25°31	n.a.	S 12
S 13	7 22 19	22°33'07	11°59	10°53	0♓ 5	5° 6	6° 7	21°54	4°46	23°41	26°29	25° 0	26°19	25°37	n.a.	S 13
M14	7 26 16	23°31'21	23°55	12°48	1°16	5°44	6° 0	21°53	4°50	23°42	26°27	25°R 1	26°16	25°44	n.a.	M14
T 15	7 30 12	24°29'33	6♉ 1	14°45	2°26	6°23	5°53	21°51	4°53	23°43	26°26	25° 0	26°13	25°51	n.a.	T 15
W16	7 34 9	25°27'43	18°23	16°43	3°35	7° 1	5°46	21°50	4°56	23°45	26°24	24°58	26°10	25°57	n.a.	W16
T 17	7 38 5	26°25'50	1♊ 3	18°42	4°45	7°39	5°39	21°48	5° 0	23°46	26°23	24°55	26° 7	26° 4	n.a.	T 17
F 18	7 42 2	27°23'56	14° 6	20°43	5°55	8°17	5°32	21°47	5° 3	23°47	26°22	24°51	26° 3	26°11	n.a.	F 18
S 19	7 45 58	28°21'59	27°32	22°46	7° 4	8°55	5°26	21°45	5° 7	23°49	26°20	24°47	26° 0	26°17	n.a.	S 19
S 20	7 49 55	29°20'00	11♋22	24°50	8°14	9°34	5°19	21°44	5°10	23°50	26°19	24°44	25°57	26°24	n.a.	S 20
M21	7 53 51	0♒17'59	25°31	26°55	9°23	10°12	5°13	21°42	5°14	23°52	26°18	24°41	25°54	26°31	n.a.	M21
T 22	7 57 48	1°15'56	9♌57	29° 1	10°32	10°50	5° 6	21°40	5°17	23°53	26°17	24°39	25°51	26°37	n.a.	T 22
W23	8 1 44	2°13'52	24°33	1♒ 8	11°41	11°28	5° 0	21°38	5°20	23°55	26°15	24°D38	25°48	26°44	n.a.	W23
T 24	8 5 41	3°11'45	9♍13	3°16	12°50	12° 6	4°54	21°36	5°24	23°56	26°14	24°39	25°44	26°51	n.a.	T 24
F 25	8 9 37	4° 9'37	23°51	5°24	13°58	12°44	4°48	21°34	5°27	23°58	26°13	24°40	25°41	26°57	n.a.	F 25
S 26	8 13 34	5° 7'27	8♎22	7°33	15° 7	13°23	4°42	21°31	5°31	23°59	26°12	24°41	25°38	27° 4	n.a.	S 26
S 27	8 17 30	6° 5'16	22°41	9°42	16°15	14° 1	4°36	21°29	5°34	24° 1	26°11	24°42	25°35	27°11	n.a.	S 27
M28	8 21 27	7♒ 3'04	6♏47	11♒51	17♓24	14♓39	4♋31	21♍27	5♒38	24♓ 3	26♊ 9	24°R43	25♌32	27♓17	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s39	10s30	4n58	25s36	1s54	16s54	0s25	12s52	0s10	25n39	1n45	5n39	2n38	20s34	0s50	4s37	2s 8	39n32	15n28	13n21	12n52	4s29		n.a.
W 2	23 34	14 15	5 9	25 46	1 57	16 29	0 22	12 37	0 9	25 39	1 45	5 39	2 38	20 34	0 50	4 37	2 8	39 32	15 28	13 23	12 53	4 28		n.a.
T 3	23 28	17 11	5 2	25 55	1 59	16 4	0 19	12 23	0 9	25 40	1 46	5 40	2 38	20 33	0 50	4 36	2 8	39 32	15 28	13 25	12 55	4 26		n.a.
F 4	23 22	19 9	4 39	26 2	2 1	15 38	0 16	12 9	0 8	25 40	1 46	5 40	2 38	20 32	0 50	4 36	2 8	39 32	15 28	13 28	12 56	4 23		n.a.
S 5	23 16	20 2	4 1	26 7	2 3	15 12	0 13	11 54	0 7	25 41	1 46	5 40	2 38	20 31	0 50	4 36	2 8	39 32	15 28	13 30	12 57	4 21		n.a.
S 6	23 9	19 50	3 11	26 10	2 4	14 46	0 9	11 40	0 6	25 41	1 46	5 41	2 39	20 30	0 49	4 35	2 8	39 31	15 28	13 32	12 58	4 19		n.a.
M 7	23 2	18 37	2 13	26 12	2 5	14 19	0 6	11 25	0 6	25 41	1 46	5 41	2 39	20 29	0 49	4 35	2 8	39 31	15 27	13 34	12 59	4 17		n.a.
T 8	22 54	16 31	1 9	26 11	2 5	13 52	0 3	11 10	0 5	25 42	1 46	5 42	2 39	20 29	0 49	4 34	2 8	39 31	15 27	13 35	13 0	4 15		n.a.
W 9	22 46	13 43	0 3	26 9	2 5	13 24	0n 1	10 55	0 4	25 42	1 46	5 42	2 39	20 28	0 49	4 33	2 8	39 31	15 27	13 35	13 1	4 13		n.a.
T 10	22 38	10 22	1s 3	26 4	2 4	12 56	0 4	10 41	0 4	25 43	1 46	5 43	2 40	20 27	0 49	4 33	2 8	39 31	15 27	13 35	13 2	4 11		n.a.
F 11	22 29	6 38	2 5	25 57	2 2	12 28	0 8	10 26	0 3	25 43	1 46	5 43	2 40	20 26	0 49	4 32	2 8	39 31	15 27	13 34	13 3	4 9		n.a.
S 12	22 20	2 41	3 1	25 48	2 0	12 0	0 11	10 11	0 2	25 43	1 46	5 44	2 40	20 25	0 49	4 32	2 8	39 30	15 27	13 34	13 5	4 7		n.a.
S 13	22 10	1n22	3 50	25 37	1 58	11 32	0 15	9 56	0 2	25 44	1 46	5 44	2 40	20 24	0 49	4 31	2 8	39 30	15 27	13 33	13 6	4 5		n.a.
M14	22 0	5 23	4 29	25 23	1 55	11 3	0 18	9 41	0 1	25 44	1 46	5 45	2 40	20 24	0 49	4 31	2 8	39 30	15 27	13 33	13 7	4 3		n.a.
T 15	21 49	9 15	4 57	25 7	1 51	10 34	0 22	9 26	0 0	25 44	1 46	5 46	2 41	20 23	0 49	4 30	2 7	39 30	15 26	13 33	13 8	4 1		n.a.
W16	21 39	12 48	5 12	24 48	1 47	10 5	0 25	9 10	0n 0	25 45	1 46	5 47	2 41	20 22	0 49	4 29	2 7	39 30	15 26	13 34	13 9	3 59		n.a.
T 17	21 27	15 52	5 12	24 27	1 42	9 35	0 29	8 55	0 1	25 45	1 46	5 47	2 41	20 21	0 49	4 29	2 7	39 29	15 26	13 35	13 10	3 57		n.a.
F 18	21 16	18 14	4 56	24 3	1 36	9 6	0 33	8 40	0 2	25 45	1 46	5 48	2 41	20 20	0 49	4 28	2 7	39 29	15 26	13 36	13 11	3 55		n.a.
S 19	21 4	19 41	4 24	23 37	1 30	8 36	0 36	8 25	0 2	25 45	1 45	5 49	2 41	20 19	0 49	4 28	2 7	39 29	15 26	13 38	13 12	3 53		n.a.
S 20	20 52	20 2	3 36	23 8	1 24	8 6	0 40	8 9	0 3	25 46	1 45	5 50	2 42	20 18	0 49	4 27	2 7	39 29	15 25	13 39	13 13	3 51		n.a.
M21	20 39	19 7	2 34	22 37	1 17	7 36	0 44	7 54	0 4	25 46	1 45	5 51	2 42	20 18	0 49	4 26	2 7	39 28	15 25	13 40	13 15	3 49		n.a.
T 22	20 26	16 58	1 20	22 3	1 9	7 6	0 48	7 38	0 4	25 46	1 45	5 52	2 42	20 17	0 49	4 26	2 7	39 28	15 25	13 40	13 16	3 47		n.a.
W23	20 13	13 42	0 0	21 27	1 1	6 35	0 51	7 23	0 5	25 46	1 45	5 53	2 42	20 16	0 49	4 25	2 7	39 28	15 25	13 41	13 17	3 45		n.a.
T 24	19 59	9 34	1n20	20 49	0 52	6 5	0 55	7 7	0 6	25 46	1 45	5 54	2 42	20 15	0 49	4 24	2 7	39 28	15 25	13 40	13 18	3 43		n.a.
F 25	19 45	4 52	2 34	20 8	0 43	5 35	0 59	6 52	0 6	25 46	1 45	5 55	2 43	20 14	0 49	4 24	2 7	39 27	15 24	13 40	13 19	3 41		n.a.
S 26	19 31	0s 4	3 39	19 26	0 33	5 4	1 3	6 36	0 7	25 47	1 45	5 56	2 43	20 13	0 49	4 23	2 7	39 27	15 24	13 40	13 20	3 39		n.a.
S 27	19 17	4 56	4 28	18 42	0 23	4 33	1 6	6 21	0 8	25 47	1 45	5 57	2 43	20 12	0 49	4 22	2 7	39 27	15 24	13 39	13 21	3 37		n.a.
M28	19s 2	9s26	5n 1	17s55	0s13	4s 3	1n10	6s 5	0n 8	25n47	1n45	5n58	2n43	20s12	0s49	4s21	2s 7	39n26	15n24	13n39	13n22	3s35		n.a.

Julian Day Number = 187404.5, Delta T = 32h34m26s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°46'14, Lahiri = -61°39'13 Julian Calendar 1 Feb. 4200 BCE == Greg. Calendar 30 Dec. 4201 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

MARCH 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 24	8♒ 0'50	20♏37	13♒59	18♓32	15♓17	4°R25	21°R24	5♒41	24♓ 4	26°R 8	24°R42	25♌28	27♓24	n.a.	T 1
W 2	8 29 20	8°58'34	4♐12	16° 7	19°40	15°55	4♋20	21♍21	5°44	24° 6	26♊ 7	24♌41	25°25	27°31	n.a.	W 2
T 3	8 33 17	9°56'18	17°32	18°13	20°48	16°33	4°15	21°19	5°48	24° 8	26° 6	24°39	25°22	27°37	n.a.	T 3
F 4	8 37 13	10°54'00	0♑37	20°19	21°56	17°11	4°10	21°16	5°51	24° 9	26° 5	24°38	25°19	27°44	n.a.	F 4
S 5	8 41 10	11°51'40	13°27	22°23	23° 3	17°49	4° 5	21°13	5°55	24°11	26° 4	24°36	25°16	27°51	n.a.	S 5
S 6	8 45 6	12°49'19	26° 5	24°25	24°11	18°27	4° 0	21°10	5°58	24°13	26° 3	24°34	25°13	27°57	n.a.	S 6
M 7	8 49 3	13°46'57	8♒29	26°24	25°18	19° 6	3°56	21° 7	6° 2	24°15	26° 2	24°33	25° 9	28° 4	n.a.	M 7
T 8	8 52 59	14°44'33	20°43	28°22	26°25	19°44	3°51	21° 4	6° 5	24°16	26° 1	24°D33	25° 6	28°11	n.a.	T 8
W 9	8 56 56	15°42'07	2♓46	0♓17	27°32	20°22	3°47	21° 1	6° 8	24°18	26° 0	24°33	25° 3	28°17	n.a.	W 9
T 10	9 0 52	16°39'40	14°42	2° 9	28°39	21° 0	3°43	20°58	6°12	24°20	25°59	24°33	25° 0	28°24	n.a.	T 10
F 11	9 4 49	17°37'11	26°33	3°59	29°45	21°38	3°39	20°55	6°15	24°22	25°59	24°34	24°57	28°31	n.a.	F 11
S 12	9 8 45	18°34'40	8♈22	5°45	0♈52	22°16	3°35	20°52	6°19	24°24	25°58	24°35	24°53	28°37	n.a.	S 12
S 13	9 12 42	19°32'08	20°12	7°29	1°58	22°54	3°32	20°48	6°22	24°26	25°57	24°35	24°50	28°44	n.a.	S 13
M14	9 16 39	20°29'35	2♉ 8	9° 9	3° 4	23°32	3°28	20°45	6°25	24°28	25°56	24°36	24°47	28°51	n.a.	M14
T 15	9 20 35	21°27'00	14°13	10°46	4°10	24°10	3°25	20°41	6°29	24°30	25°55	24°36	24°44	28°57	n.a.	T 15
W16	9 24 32	22°24'23	26°33	12°19	5°16	24°48	3°22	20°38	6°32	24°31	25°55	24°R36	24°41	29° 4	n.a.	W16
T 17	9 28 28	23°21'45	9♊11	13°49	6°21	25°26	3°19	20°34	6°35	24°33	25°54	24°36	24°38	29°11	n.a.	T 17
F 18	9 32 25	24°19'05	22°12	15°16	7°26	26° 4	3°17	20°31	6°39	24°35	25°53	24°D36	24°34	29°18	n.a.	F 18
S 19	9 36 21	25°16'24	5♋37	16°39	8°31	26°42	3°14	20°27	6°42	24°37	25°53	24°36	24°31	29°24	n.a.	S 19
S 20	9 40 18	26°13'41	19°28	17°59	9°36	27°20	3°12	20°23	6°45	24°39	25°52	24°36	24°28	29°31	n.a.	S 20
M21	9 44 14	27°10'57	3♌44	19°15	10°41	27°58	3° 9	20°19	6°48	24°41	25°51	24°36	24°25	29°38	n.a.	M21
T 22	9 48 11	28° 8'12	18°22	20°28	11°45	28°36	3° 7	20°16	6°52	24°43	25°51	24°R36	24°22	29°44	n.a.	T 22
W23	9 52 7	29° 5'25	3♍16	21°37	12°49	29°14	3° 6	20°12	6°55	24°46	25°50	24°36	24°19	29°51	n.a.	W23
T 24	9 56 4	0♓ 2'38	18°17	22°42	13°53	29°52	3° 4	20° 8	6°58	24°48	25°50	24°36	24°15	29°58	n.a.	T 24
F 25	10 0 1	0°59'49	3♎18	23°43	14°57	0♈30	3° 2	20° 4	7° 1	24°50	25°49	24°36	24°12	0♈ 4	n.a.	F 25
S 26	10 3 57	1°57'00	18°11	24°41	16° 0	1° 8	3° 1	20° 0	7° 5	24°52	25°49	24°35	24° 9	0°11	n.a.	S 26
S 27	10 7 54	2°54'10	2♏48	25°34	17° 3	1°46	3° 0	19°56	7° 8	24°54	25°48	24°34	24° 6	0°18	n.a.	S 27
M28	10 11 50	3°51'19	17° 4	26°24	18° 6	2°23	2°59	19°52	7°11	24°56	25°48	24°33	24° 3	0°24	n.a.	M28
T 29	10 15 47	4°48'28	0♐59	27°10	19° 8	3° 1	2°58	19°48	7°14	24°58	25°48	24°D33	23°59	0°31	n.a.	T 29
W30	10 19 43	5°45'37	14°30	27°51	20°11	3°39	2°58	19°43	7°17	25° 0	25°47	24°33	23°56	0°38	n.a.	W30
T 31	10 23 40	6♓42'44	27♐40	28♓28	21♈13	4♈17	2♋57	19♍39	7♒20	25♓ 2	25♊47	24♌34	23♌53	0♈44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	18s46	13s21	5n15	17s 8	0s 2	3s32	1n14	5s49	0n 9	25n47	1n45	5n59	2n43	20s11	0s49	4s21	2s 7	39n26	15n23	13n39	13n23	3s33			n.a.
W 2	18 31	16 29	5 12	16 19	0n 9	3 1	1 18	5 34	0 10	25 47	1 44	6 1	2 43	20 10	0 49	4 20	2 7	39 26	15 23	13 40	13 24	3 31			n.a.
T 3	18 15	18 40	4 52	15 29	0 19	2 30	1 22	5 18	0 10	25 47	1 44	6 2	2 44	20 9	0 49	4 19	2 7	39 26	15 23	13 40	13 26	3 29			n.a.
F 4	17 59	19 51	4 16	14 39	0 30	1 59	1 25	5 2	0 11	25 47	1 44	6 3	2 44	20 8	0 49	4 19	2 6	39 25	15 22	13 41	13 27	3 27			n.a.
S 5	17 43	19 57	3 29	13 48	0 41	1 29	1 29	4 46	0 11	25 47	1 44	6 4	2 44	20 7	0 49	4 18	2 6	39 25	15 22	13 41	13 28	3 25			n.a.
S 6	17 26	19 3	2 31	12 57	0 52	0 58	1 33	4 30	0 12	25 47	1 44	6 6	2 44	20 6	0 49	4 17	2 6	39 25	15 22	13 42	13 29	3 23			n.a.
M 7	17 9	17 14	1 28	12 5	1 3	0 27	1 36	4 15	0 13	25 47	1 44	6 7	2 44	20 5	0 49	4 16	2 6	39 24	15 22	13 42	13 30	3 21			n.a.
T 8	16 52	14 40	0 21	11 14	1 13	0n 4	1 40	3 59	0 13	25 47	1 44	6 8	2 44	20 5	0 49	4 15	2 6	39 24	15 21	13 42	13 31	3 19			n.a.
W 9	16 35	11 29	0s46	10 24	1 23	0 34	1 44	3 43	0 14	25 47	1 43	6 10	2 45	20 4	0 49	4 15	2 6	39 24	15 21	13 42	13 32	3 17			n.a.
T 10	16 17	7 52	1 50	9 34	1 33	1 5	1 48	3 27	0 14	25 47	1 43	6 11	2 45	20 3	0 49	4 14	2 6	39 23	15 21	13 42	13 33	3 15			n.a.
F 11	15 59	3 58	2 49	8 45	1 42	1 35	1 51	3 11	0 15	25 47	1 43	6 13	2 45	20 2	0 49	4 13	2 6	39 23	15 20	13 42	13 34	3 13			n.a.
S 12	15 41	0n 3	3 40	7 57	1 51	2 6	1 55	2 55	0 16	25 47	1 43	6 14	2 45	20 1	0 49	4 12	2 6	39 22	15 20	13 42	13 35	3 10			n.a.
S 13	15 22	4 5	4 23	7 10	1 59	2 36	1 58	2 39	0 16	25 47	1 43	6 16	2 45	20 0	0 49	4 11	2 6	39 22	15 20	13 42	13 37	3 8			n.a.
M14	15 4	7 58	4 54	6 25	2 7	3 6	2 2	2 23	0 17	25 47	1 43	6 17	2 45	19 59	0 49	4 11	2 6	39 22	15 19	13 41	13 38	3 6			n.a.
T 15	14 45	11 35	5 13	5 41	2 14	3 36	2 5	2 7	0 17	25 47	1 42	6 19	2 45	19 59	0 49	4 10	2 6	39 21	15 19	13 41	13 39	3 4			n.a.
W16	14 26	14 47	5 18	4 58	2 21	4 6	2 9	1 51	0 18	25 46	1 42	6 20	2 45	19 58	0 49	4 9	2 6	39 21	15 19	13 41	13 40	3 2			n.a.
T 17	14 7	17 23	5 8	4 18	2 26	4 36	2 12	1 35	0 18	25 46	1 42	6 22	2 46	19 57	0 49	4 8	2 6	39 21	15 18	13 41	13 41	3 0			n.a.
F 18	13 47	19 11	4 42	3 39	2 32	5 6	2 16	1 19	0 19	25 46	1 42	6 23	2 46	19 56	0 50	4 7	2 6	39 20	15 18	13 41	13 42	2 58			n.a.
S 19	13 27	20 0	4 0	3 1	2 36	5 35	2 19	1 3	0 20	25 46	1 42	6 25	2 46	19 55	0 50	4 6	2 6	39 20	15 18	13 41	13 43	2 56			n.a.
S 20	13 8	19 38	3 3	2 26	2 40	6 5	2 22	0 47	0 20	25 46	1 41	6 26	2 46	19 54	0 50	4 6	2 6	39 19	15 17	13 41	13 44	2 54			n.a.
M21	12 47	18 2	1 53	1 53	2 43	6 34	2 26	0 31	0 21	25 46	1 41	6 28	2 46	19 53	0 50	4 5	2 6	39 19	15 17	13 41	13 45	2 52			n.a.
T 22	12 27	15 12	0 35	1 22	2 45	7 3	2 29	0 15	0 21	25 46	1 41	6 30	2 46	19 53	0 50	4 4	2 6	39 19	15 16	13 41	13 46	2 50			n.a.
W23	12 7	11 20	0n48	0 53	2 47	7 31	2 32	0n 1	0 22	25 45	1 41	6 31	2 46	19 52	0 50	4 3	2 6	39 18	15 16	13 41	13 47	2 48			n.a.
T 24	11 46	6 43	2 8	0 26	2 47	8 0	2 35	0 17	0 22	25 45	1 41	6 33	2 46	19 51	0 50	4 2	2 6	39 18	15 16	13 41	13 48	2 46			n.a.
F 25	11 25	1 41	3 19	0 1	2 47	8 28	2 38	0 33	0 23	25 45	1 40	6 35	2 46	19 50	0 50	4 1	2 6	39 18	15 15	13 42	13 50	2 44			n.a.
S 26	11 5	3s24	4 16	0n21	2 46	8 56	2 41	0 49	0 23	25 45	1 40	6 36	2 46	19 49	0 50	4 0	2 5	39 17	15 15	13 42	13 51	2 42			n.a.
S 27	10 43	8 11	4 55	0 41	2 44	9 23	2 44	1 5	0 24	25 45	1 40	6 38	2 46	19 49	0 50	4 0	2 5	39 17	15 15	13 42	13 52	2 40			n.a.
M28	10 22	12 23	5 15	0 59	2 41	9 51	2 46	1 21	0 24	25 45	1 40	6 40	2 46	19 48	0 50	3 59	2 5	39 16	15 14	13 42	13 53	2 37			n.a.
T 29	10 1	15 47	5 15	1 14	2 38	10 18	2 49	1 37	0 25	25 44	1 40	6 41	2 46	19 47	0 50	3 58	2 5	39 16	15 14	13 42	13 54	2 35			n.a.
W30	9 39	18 15	4 58	1 27	2 33	10 44	2 52	1 53	0 26	25 44	1 39	6 43	2 47	19 46	0 50	3 57	2 5	39 16	15 13	13 42	13 55	2 33			n.a.
T 31	9s18	19s40	4n26	1n37	2n28	11n11	2n54	2n 9	0n26	25n44	1n39	6n45	2n47	19s45	0s50	3s56	2s 5	39n15	15n13	13n42	13n56	2s31			n.a.

Julian Day Number = 187432.5, Delta T = 32h34m23s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°46'10, Lahiri = -61°39'09 Julian Calendar 1 March 4200 BCE == Greg. Calendar 27 Jan. 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

APRIL 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 27 36	7♓39'51	10♉30	29♓ 1	22♈15	4♈55	2°R57	19°R35	7♒23	25♓ 4	25°R47	24♌35	23♌50	0♈51	n.a.	F 1
S 2	10 31 33	8°36'58	23° 5	29°30	23°16	5°33	2°D57	19♍31	7°26	25° 7	25♊47	24°36	23°47	0°58	n.a.	S 2
S 3	10 35 30	9°34'04	5♒25	29°54	24°17	6°11	2♋57	19°27	7°29	25° 9	25°46	24°37	23°44	1° 4	n.a.	S 3
M 4	10 39 26	10°31'10	17°35	0♈13	25°18	6°49	2°58	19°22	7°32	25°11	25°46	24°38	23°40	1°11	n.a.	M 4
T 5	10 43 23	11°28'15	29°36	0°29	26°18	7°27	2°58	19°18	7°35	25°13	25°46	24°R38	23°37	1°18	n.a.	T 5
W 6	10 47 19	12°25'19	11♓31	0°39	27°19	8° 5	2°59	19°14	7°38	25°15	25°46	24°37	23°34	1°24	n.a.	W 6
T 7	10 51 16	13°22'23	23°22	0°45	28°18	8°43	3° 0	19° 9	7°41	25°17	25°46	24°35	23°31	1°31	n.a.	T 7
F 8	10 55 12	14°19'26	5♈11	0°R46	29°18	9°21	3° 1	19° 5	7°44	25°20	25°46	24°33	23°28	1°38	n.a.	F 8
S 9	10 59 9	15°16'29	17° 0	0°43	0♉17	9°59	3° 2	19° 1	7°47	25°22	25°D46	24°29	23°25	1°44	n.a.	S 9
S 10	11 3 6	16°13'31	28°52	0°36	1°16	10°37	3° 3	18°56	7°50	25°24	25°46	24°26	23°21	1°51	n.a.	S 10
M11	11 7 2	17°10'32	10♉50	0°24	2°14	11°15	3° 5	18°52	7°53	25°26	25°46	24°23	23°18	1°58	n.a.	M11
T 12	11 10 59	18° 7'33	22°56	0° 8	3°12	11°52	3° 7	18°48	7°56	25°29	25°46	24°20	23°15	2° 4	n.a.	T 12
W13	11 14 55	19° 4'33	5♊16	29♓49	4° 9	12°30	3° 9	18°43	7°58	25°31	25°46	24°18	23°12	2°11	n.a.	W13
T 14	11 18 52	20° 1'32	17°51	29°26	5° 6	13° 8	3°11	18°39	8° 1	25°33	25°46	24°D17	23° 9	2°18	n.a.	T 14
F 15	11 22 48	20°58'31	0♋46	29° 0	6° 3	13°46	3°13	18°35	8° 4	25°35	25°46	24°18	23° 5	2°24	n.a.	F 15
S 16	11 26 45	21°55'30	14° 5	28°31	6°59	14°24	3°16	18°30	8° 7	25°37	25°47	24°19	23° 2	2°31	n.a.	S 16
S 17	11 30 41	22°52'28	27°50	28° 0	7°55	15° 2	3°18	18°26	8° 9	25°40	25°47	24°20	22°59	2°38	n.a.	S 17
M18	11 34 38	23°49'25	12♌ 2	27°27	8°50	15°40	3°21	18°22	8°12	25°42	25°47	24°22	22°56	2°44	n.a.	M18
T 19	11 38 35	24°46'22	26°38	26°53	9°45	16°18	3°24	18°17	8°15	25°44	25°48	24°R22	22°53	2°51	n.a.	T 19
W20	11 42 31	25°43'19	11♍36	26°18	10°39	16°56	3°27	18°13	8°17	25°46	25°48	24°21	22°50	2°58	n.a.	W20
T 21	11 46 28	26°40'16	26°46	25°43	11°32	17°34	3°30	18° 9	8°20	25°49	25°48	24°19	22°46	3° 4	n.a.	T 21
F 22	11 50 24	27°37'12	12♎ 1	25° 9	12°25	18°12	3°34	18° 4	8°22	25°51	25°49	24°15	22°43	3°11	n.a.	F 22
S 23	11 54 21	28°34'09	27°10	24°36	13°18	18°50	3°38	18° 0	8°25	25°53	25°49	24°10	22°40	3°18	n.a.	S 23
S 24	11 58 17	29°31'05	12♏ 3	24° 5	14°10	19°27	3°41	17°56	8°27	25°55	25°50	24° 6	22°37	3°24	n.a.	S 24
M25	12 2 14	0♈28'02	26°33	23°36	15° 1	20° 5	3°45	17°52	8°30	25°58	25°50	24° 1	22°34	3°31	n.a.	M25
T 26	12 6 11	1°25'00	10♐36	23°10	15°51	20°43	3°49	17°47	8°32	26° 0	25°51	23°58	22°30	3°38	n.a.	T 26
W27	12 10 7	2°21'58	24°11	22°47	16°41	21°21	3°54	17°43	8°34	26° 2	25°51	23°56	22°27	3°45	n.a.	W27
T 28	12 14 4	3°18'56	7♑20	22°27	17°30	21°59	3°58	17°39	8°37	26° 4	25°52	23°D56	22°24	3°51	n.a.	T 28
F 29	12 18 0	4°15'55	20° 5	22°12	18°19	22°37	4° 3	17°35	8°39	26° 6	25°52	23°57	22°21	3°58	n.a.	F 29
S 30	12 21 57	5♈12'54	2♒31	22♓ 1	19♉ 6	23♈15	4♋ 8	17♍31	8♒41	26♓ 9	25♊53	23♌58	22♌18	4♈ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s56	20s 1	3n41	1n45	2n21	11n37	2n57	2n25	0n27	25n44	1n39	6n47	2n47	19s45	0s50	3s55	2s 5	39n15	15n13	13n42	13n57	2s29		n.a.
S 2	8 34	19 21	2 46	1 50	2 14	12 3	2 59	2 41	0 27	25 44	1 39	6 48	2 47	19 44	0 50	3 54	2 5	39 14	15 12	13 41	13 58	2 27		n.a.
S 3	8 12	17 46	1 44	1 52	2 6	12 28	3 1	2 57	0 28	25 43	1 39	6 50	2 47	19 43	0 50	3 53	2 5	39 14	15 12	13 41	13 59	2 25		n.a.
M 4	7 50	15 23	0 39	1 52	1 56	12 53	3 4	3 12	0 28	25 43	1 38	6 52	2 47	19 42	0 50	3 52	2 5	39 13	15 11	13 41	14 0	2 23		n.a.
T 5	7 28	12 22	0s27	1 49	1 46	13 18	3 6	3 28	0 29	25 43	1 38	6 54	2 47	19 41	0 50	3 51	2 5	39 13	15 11	13 41	14 1	2 21		n.a.
W 6	7 5	8 51	1 32	1 43	1 35	13 43	3 8	3 44	0 29	25 43	1 38	6 55	2 47	19 41	0 50	3 51	2 5	39 13	15 11	13 41	14 3	2 19		n.a.
T 7	6 43	5 2	2 32	1 35	1 24	14 6	3 10	4 0	0 30	25 42	1 38	6 57	2 47	19 40	0 50	3 50	2 5	39 12	15 10	13 42	14 4	2 17		n.a.
F 8	6 20	1 1	3 26	1 24	1 11	14 30	3 11	4 16	0 30	25 42	1 37	6 59	2 47	19 39	0 50	3 49	2 5	39 12	15 10	13 43	14 5	2 15		n.a.
S 9	5 58	3n 2	4 10	1 10	0 58	14 53	3 13	4 32	0 31	25 42	1 37	7 1	2 47	19 38	0 50	3 48	2 5	39 11	15 9	13 44	14 6	2 12		n.a.
S 10	5 35	6 58	4 44	0 54	0 43	15 16	3 15	4 47	0 31	25 42	1 37	7 2	2 47	19 38	0 50	3 47	2 5	39 11	15 9	13 45	14 7	2 10		n.a.
M11	5 12	10 40	5 6	0 36	0 29	15 38	3 16	5 3	0 32	25 41	1 37	7 4	2 47	19 37	0 50	3 46	2 5	39 11	15 8	13 46	14 8	2 8		n.a.
T 12	4 49	13 58	5 15	0 16	0 13	16 0	3 17	5 19	0 32	25 41	1 36	7 6	2 47	19 36	0 50	3 45	2 5	39 10	15 8	13 47	14 9	2 6		n.a.
W13	4 26	16 43	5 9	0s 7	0s 2	16 22	3 18	5 34	0 33	25 41	1 36	7 7	2 47	19 36	0 50	3 44	2 5	39 10	15 8	13 48	14 10	2 4		n.a.
T 14	4 3	18 45	4 49	0 31	0 19	16 43	3 20	5 50	0 33	25 41	1 36	7 9	2 47	19 35	0 50	3 43	2 5	39 9	15 7	13 48	14 11	2 2		n.a.
F 15	3 40	19 54	4 13	0 56	0 35	17 3	3 20	6 6	0 33	25 40	1 36	7 11	2 47	19 34	0 50	3 42	2 5	39 9	15 7	13 48	14 12	2 0		n.a.
S 16	3 17	19 58	3 23	1 23	0 51	17 23	3 21	6 21	0 34	25 40	1 36	7 13	2 46	19 33	0 50	3 41	2 5	39 9	15 6	13 47	14 13	1 58		n.a.
S 17	2 54	18 53	2 21	1 51	1 8	17 43	3 22	6 37	0 34	25 40	1 35	7 14	2 46	19 33	0 50	3 40	2 5	39 8	15 6	13 47	14 14	1 56		n.a.
M18	2 31	16 36	1 7	2 19	1 24	18 2	3 22	6 52	0 35	25 39	1 35	7 16	2 46	19 32	0 50	3 40	2 5	39 8	15 6	13 46	14 15	1 54		n.a.
T 19	2 8	13 11	0n12	2 47	1 40	18 20	3 23	7 8	0 35	25 39	1 35	7 18	2 46	19 31	0 50	3 39	2 5	39 7	15 5	13 46	14 16	1 51		n.a.
W20	1 45	8 50	1 33	3 16	1 55	18 38	3 23	7 23	0 36	25 39	1 35	7 19	2 46	19 31	0 50	3 38	2 5	39 7	15 5	13 47	14 18	1 49		n.a.
T 21	1 22	3 53	2 48	3 43	2 10	18 55	3 23	7 38	0 36	25 38	1 34	7 21	2 46	19 30	0 50	3 37	2 5	39 6	15 4	13 47	14 19	1 47		n.a.
F 22	0 58	1s21	3 51	4 10	2 24	19 12	3 23	7 54	0 37	25 38	1 34	7 23	2 46	19 29	0 50	3 36	2 5	39 6	15 4	13 49	14 20	1 45		n.a.
S 23	0 35	6 26	4 38	4 35	2 37	19 29	3 22	8 9	0 37	25 38	1 34	7 24	2 46	19 29	0 50	3 35	2 5	39 6	15 3	13 50	14 21	1 43		n.a.
S 24	0 12	11 3	5 5	4 59	2 49	19 44	3 22	8 24	0 38	25 37	1 34	7 26	2 46	19 28	0 50	3 34	2 5	39 5	15 3	13 52	14 22	1 41		n.a.
M25	0n11	14 53	5 11	5 21	2 59	19 59	3 21	8 39	0 38	25 37	1 34	7 28	2 46	19 28	0 50	3 33	2 5	39 5	15 3	13 53	14 23	1 39		n.a.
T 26	0 35	17 44	4 59	5 40	3 9	20 14	3 20	8 54	0 39	25 37	1 33	7 29	2 46	19 27	0 50	3 32	2 5	39 4	15 2	13 54	14 24	1 37		n.a.
W27	0 58	19 30	4 30	5 57	3 18	20 28	3 19	9 9	0 39	25 36	1 33	7 31	2 46	19 26	0 50	3 31	2 5	39 4	15 2	13 55	14 25	1 35		n.a.
T 28	1 21	20 8	3 47	6 12	3 25	20 41	3 18	9 24	0 39	25 36	1 33	7 32	2 46	19 26	0 51	3 30	2 5	39 4	15 1	13 55	14 26	1 32		n.a.
F 29	1 44	19 42	2 54	6 24	3 31	20 54	3 17	9 39	0 40	25 36	1 33	7 34	2 45	19 25	0 51	3 30	2 5	39 3	15 1	13 55	14 27	1 30		n.a.
S 30	2n 8	18s18	1n54	6s32	3s36	21n 6	3n15	9n54	0n40	25n35	1n32	7n35	2n45	19s25	0s51	3s29	2s 5	39n 3	15n 1	13n54	14n28	1s28		n.a.

Julian Day Number = 187463.5, Delta T = 32h34m19s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°46'06, Lahiri = -61°39'05 Julian Calendar 1 Apr. 4200 BCE == Greg. Calendar 27 Feb. 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

MAY 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 25 54	6♈ 9'54	14♒42	21°R54	19♉53	23♈53	4♋12	17°R27	8♒43	26♓11	25♊54	24♌ 0	22♌15	4♈11	n.a.	S 1
M 2	12 29 50	7° 6'54	26°42	21°D52	20°39	24°31	4°18	17♍23	8°45	26°13	25°54	24°R 0	22°11	4°18	n.a.	M 2
T 3	12 33 47	8° 3'55	8♓36	21♓55	21°25	25° 9	4°23	17°19	8°48	26°15	25°55	23°59	22° 8	4°25	n.a.	T 3
W 4	12 37 43	9° 0'56	20°25	22° 4	22° 9	25°47	4°28	17°15	8°50	26°17	25°56	23°56	22° 5	4°31	n.a.	W 4
T 5	12 41 40	9°57'58	2♈14	22°17	22°53	26°25	4°34	17°11	8°52	26°20	25°57	23°50	22° 2	4°38	n.a.	T 5
F 6	12 45 36	10°55'00	14° 3	22°35	23°35	27° 3	4°39	17° 7	8°54	26°22	25°57	23°43	21°59	4°45	n.a.	F 6
S 7	12 49 33	11°52'03	25°56	22°59	24°17	27°41	4°45	17° 4	8°56	26°24	25°58	23°35	21°56	4°51	n.a.	S 7
S 8	12 53 30	12°49'06	7♉54	23°27	24°58	28°19	4°51	17° 0	8°58	26°26	25°59	23°26	21°52	4°58	n.a.	S 8
M 9	12 57 26	13°46'09	19°58	24° 1	25°37	28°57	4°57	16°56	8°59	26°28	26° 0	23°17	21°49	5° 5	n.a.	M 9
T 10	13 1 23	14°43'14	2♊10	24°40	26°16	29°35	5° 3	16°53	9° 1	26°30	26° 1	23° 9	21°46	5°11	n.a.	T 10
W11	13 5 19	15°40'18	14°33	25°24	26°53	0♉13	5°10	16°49	9° 3	26°33	26° 2	23° 3	21°43	5°18	n.a.	W11
T 12	13 9 16	16°37'23	27°10	26°13	27°29	0°51	5°16	16°46	9° 5	26°35	26° 3	22°59	21°40	5°25	n.a.	T 12
F 13	13 13 12	17°34'29	10♋ 3	27° 7	28° 4	1°29	5°23	16°42	9° 7	26°37	26° 4	22°57	21°36	5°31	n.a.	F 13
S 14	13 17 9	18°31'34	23°17	28° 5	28°38	2° 7	5°30	16°39	9° 8	26°39	26° 5	22°D57	21°33	5°38	n.a.	S 14
S 15	13 21 6	19°28'41	6♌53	29° 9	29°10	2°45	5°37	16°35	9°10	26°41	26° 6	22°57	21°30	5°45	n.a.	S 15
M16	13 25 2	20°25'48	20°54	0♈17	29°41	3°23	5°44	16°32	9°11	26°43	26° 7	22°R58	21°27	5°51	n.a.	M16
T 17	13 28 59	21°22'55	5♍19	1°30	0♊11	4° 1	5°51	16°29	9°13	26°45	26° 9	22°58	21°24	5°58	n.a.	T 17
W18	13 32 55	22°20'03	20° 7	2°48	0°39	4°39	5°58	16°26	9°14	26°47	26°10	22°55	21°21	6° 5	n.a.	W18
T 19	13 36 52	23°17'11	5♎12	4°10	1° 5	5°17	6° 6	16°23	9°16	26°49	26°11	22°50	21°17	6°12	n.a.	T 19
F 20	13 40 48	24°14'21	20°26	5°36	1°30	5°55	6°13	16°20	9°17	26°51	26°12	22°43	21°14	6°18	n.a.	F 20
S 21	13 44 45	25°11'31	5♏37	7° 7	1°53	6°34	6°21	16°17	9°19	26°53	26°13	22°34	21°11	6°25	n.a.	S 21
S 22	13 48 42	26° 8'43	20°36	8°41	2°15	7°12	6°29	16°14	9°20	26°55	26°15	22°25	21° 8	6°32	n.a.	S 22
M23	13 52 38	27° 5'55	5♐14	10°20	2°35	7°50	6°37	16°11	9°21	26°57	26°16	22°16	21° 5	6°38	n.a.	M23
T 24	13 56 35	28° 3'09	19°25	12° 3	2°53	8°28	6°45	16° 8	9°23	26°59	26°17	22° 9	21° 1	6°45	n.a.	T 24
W25	14 0 31	29° 0'25	3♑ 6	13°48	3° 9	9° 6	6°53	16° 6	9°24	27° 1	26°19	22° 4	20°58	6°52	n.a.	W25
T 26	14 4 28	29°57'41	16°19	15°37	3°23	9°44	7° 2	16° 3	9°25	27° 3	26°20	22° 2	20°55	6°58	n.a.	T 26
F 27	14 8 24	0♉54'59	29° 5	17°30	3°35	10°22	7°10	16° 1	9°26	27° 5	26°21	22°D 1	20°52	7° 5	n.a.	F 27
S 28	14 12 21	1°52'19	11♒29	19°24	3°45	11° 1	7°19	15°58	9°27	27° 7	26°23	22° 1	20°49	7°12	n.a.	S 28
S 29	14 16 18	2°49'40	23°38	21°21	3°53	11°39	7°27	15°56	9°28	27° 9	26°24	22°R 1	20°46	7°18	n.a.	S 29
M30	14 20 14	3°47'02	5♓34	23°21	3°59	12°17	7°36	15°54	9°29	27°11	26°26	22° 1	20°42	7°25	n.a.	M30
T 31	14 24 11	4♉44'26	17♓25	25♈21	4♊ 3	12♉55	7♋45	15♍52	9♒30	27♓13	26♊27	21♌58	20♌39	7♈32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	2n31	16s 5	0n50	6s38	3s39	21n18	3n13	10n 9	0n41	25n35	1n32	7n37	2n45	19s24	0s51	3s28	2s 5	39n 3	15n 0	13n54	14n29	1s26			n.a.
M 2	2 54	13 11	0s15	6 41	3 41	21 29	3 11	10 24	0 41	25 35	1 32	7 38	2 45	19 23	0 51	3 27	2 5	39 2	15 0	13 54	14 30	1 24			n.a.
T 3	3 17	9 47	1 18	6 40	3 42	21 39	3 9	10 39	0 42	25 34	1 32	7 40	2 45	19 23	0 51	3 26	2 5	39 2	14 59	13 54	14 31	1 22			n.a.
W 4	3 40	6 0	2 18	6 37	3 42	21 49	3 6	10 53	0 42	25 34	1 32	7 41	2 45	19 22	0 51	3 25	2 5	39 1	14 59	13 55	14 32	1 20			n.a.
T 5	4 3	2 0	3 12	6 30	3 40	21 58	3 4	11 8	0 42	25 33	1 31	7 43	2 45	19 22	0 51	3 24	2 5	39 1	14 59	13 57	14 33	1 18			n.a.
F 6	4 26	2n 4	3 57	6 20	3 38	22 6	3 1	11 22	0 43	25 33	1 31	7 44	2 45	19 21	0 51	3 23	2 5	39 1	14 58	13 59	14 35	1 16			n.a.
S 7	4 49	6 5	4 32	6 7	3 34	22 14	2 57	11 37	0 43	25 33	1 31	7 46	2 44	19 21	0 51	3 22	2 5	39 0	14 58	14 2	14 36	1 13			n.a.
S 8	5 12	9 53	4 56	5 52	3 30	22 21	2 54	11 51	0 44	25 32	1 31	7 47	2 44	19 20	0 51	3 22	2 5	39 0	14 57	14 5	14 37	1 11			n.a.
M 9	5 35	13 19	5 6	5 33	3 24	22 27	2 50	12 5	0 44	25 32	1 31	7 48	2 44	19 20	0 51	3 21	2 5	39 0	14 57	14 8	14 38	1 9			n.a.
T 10	5 58	16 14	5 3	5 11	3 18	22 33	2 46	12 20	0 45	25 31	1 30	7 50	2 44	19 19	0 51	3 20	2 5	38 59	14 57	14 11	14 39	1 7			n.a.
W11	6 20	18 28	4 46	4 47	3 11	22 38	2 42	12 34	0 45	25 31	1 30	7 51	2 44	19 19	0 51	3 19	2 5	38 59	14 56	14 13	14 40	1 5			n.a.
T 12	6 43	19 51	4 14	4 20	3 3	22 42	2 37	12 48	0 45	25 30	1 30	7 52	2 44	19 19	0 51	3 18	2 5	38 59	14 56	14 14	14 41	1 3			n.a.
F 13	7 5	20 15	3 29	3 50	2 54	22 46	2 32	13 2	0 46	25 30	1 30	7 53	2 43	19 18	0 51	3 17	2 5	38 58	14 55	14 15	14 42	1 1			n.a.
S 14	7 27	19 33	2 32	3 17	2 45	22 48	2 27	13 16	0 46	25 29	1 30	7 54	2 43	19 18	0 51	3 16	2 5	38 58	14 55	14 15	14 43	0 59			n.a.
S 15	7 50	17 42	1 25	2 43	2 35	22 51	2 22	13 30	0 47	25 29	1 29	7 56	2 43	19 17	0 51	3 16	2 5	38 58	14 55	14 15	14 44	0 56			n.a.
M16	8 12	14 46	0 11	2 5	2 25	22 52	2 16	13 44	0 47	25 28	1 29	7 57	2 43	19 17	0 51	3 15	2 5	38 57	14 54	14 15	14 45	0 54			n.a.
T 17	8 34	10 50	1n 6	1 25	2 14	22 53	2 10	13 57	0 47	25 28	1 29	7 58	2 43	19 17	0 51	3 14	2 5	38 57	14 54	14 15	14 46	0 52			n.a.
W18	8 56	6 9	2 20	0 44	2 3	22 52	2 4	14 11	0 48	25 27	1 29	7 59	2 42	19 16	0 51	3 13	2 5	38 57	14 54	14 16	14 47	0 50			n.a.
T 19	9 18	1 1	3 26	0n 0	1 51	22 52	1 57	14 24	0 48	25 27	1 29	8 0	2 42	19 16	0 51	3 12	2 5	38 56	14 53	14 17	14 48	0 48			n.a.
F 20	9 39	4s14	4 18	0 46	1 39	22 50	1 50	14 38	0 48	25 26	1 28	8 1	2 42	19 15	0 51	3 11	2 5	38 56	14 53	14 20	14 49	0 46			n.a.
S 21	10 1	9 12	4 51	1 34	1 27	22 48	1 42	14 51	0 49	25 26	1 28	8 2	2 42	19 15	0 51	3 11	2 5	38 56	14 53	14 23	14 50	0 44			n.a.
S 22	10 22	13 32	5 4	2 24	1 15	22 44	1 35	15 4	0 49	25 25	1 28	8 3	2 42	19 15	0 51	3 10	2 5	38 55	14 52	14 26	14 51	0 41			n.a.
M23	10 43	16 55	4 56	3 15	1 3	22 41	1 27	15 17	0 50	25 24	1 28	8 4	2 41	19 15	0 51	3 9	2 5	38 55	14 52	14 29	14 52	0 39			n.a.
T 24	11 5	19 11	4 31	4 7	0 50	22 36	1 18	15 31	0 50	25 24	1 28	8 5	2 41	19 14	0 52	3 8	2 5	38 55	14 52	14 31	14 53	0 37			n.a.
W25	11 26	20 15	3 50	5 1	0 38	22 30	1 9	15 44	0 50	25 23	1 28	8 6	2 41	19 14	0 52	3 8	2 5	38 54	14 51	14 33	14 55	0 35			n.a.
T 26	11 46	20 8	2 58	5 55	0 26	22 24	1 0	15 56	0 51	25 23	1 27	8 6	2 41	19 14	0 52	3 7	2 6	38 54	14 51	14 34	14 56	0 33			n.a.
F 27	12 7	18 59	1 59	6 50	0 14	22 17	0 50	16 9	0 51	25 22	1 27	8 7	2 40	19 13	0 52	3 6	2 6	38 54	14 51	14 34	14 57	0 31			n.a.
S 28	12 27	16 56	0 56	7 46	0 2	22 9	0 40	16 22	0 51	25 21	1 27	8 8	2 40	19 13	0 52	3 5	2 6	38 54	14 50	14 34	14 58	0 29			n.a.
S 29	12 48	14 9	0s 9	8 42	0n 9	22 1	0 30	16 34	0 52	25 21	1 27	8 9	2 40	19 13	0 52	3 4	2 6	38 53	14 50	14 34	14 59	0 26			n.a.
M30	13 8	10 50	1 11	9 37	0 20	21 51	0 19	16 47	0 52	25 20	1 27	8 9	2 40	19 13	0 52	3 4	2 6	38 53	14 50	14 34	15 0	0 24			n.a.
T 31	13n28	7s 6	2s11	10n33	0n30	21n41	0n 8	16n59	0n53	25n19	1n27	8n10	2n40	19s13	0s52	3s 3	2s 6	38n53	14n49	14n35	15n 1	0s22			n.a.

Julian Day Number = 187493.5, Delta T = 32h34m16s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°46'02, Lahiri = -61°39'01 Julian Calendar 1 May 4200 BCE == Greg. Calendar 29 March 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

JUNE 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 28 7	5♉41'52	29♓13	27♈24	4°R 4	13♉33	7♋54	15°R50	9♒31	27♓15	26♊29	21°R53	20♌36	7♈38	n.a.	W 1
T 2	14 32 4	6°39'19	11♈ 2	29°27	4♊ 3	14°12	8° 3	15♍48	9°31	27°16	26°30	21♌44	20°33	7°45	n.a.	T 2
F 3	14 36 0	7°36'47	22°55	1♉30	4° 0	14°50	8°12	15°46	9°32	27°18	26°32	21°34	20°30	7°52	n.a.	F 3
S 4	14 39 57	8°34'17	4♉55	3°35	3°55	15°28	8°21	15°44	9°33	27°20	26°34	21°22	20°27	7°59	n.a.	S 4
S 5	14 43 54	9°31'48	17° 1	5°39	3°47	16° 6	8°31	15°42	9°34	27°22	26°35	21° 8	20°23	8° 5	n.a.	S 5
M 6	14 47 50	10°29'21	29°16	7°43	3°37	16°45	8°40	15°41	9°34	27°24	26°37	20°55	20°20	8°12	n.a.	M 6
T 7	14 51 47	11°26'56	11♊40	9°47	3°24	17°23	8°50	15°39	9°35	27°25	26°39	20°43	20°17	8°19	n.a.	T 7
W 8	14 55 43	12°24'31	24°15	11°50	3° 9	18° 1	9° 0	15°38	9°35	27°27	26°40	20°34	20°14	8°25	n.a.	W 8
T 9	14 59 40	13°22'08	7♋ 0	13°52	2°52	18°40	9°10	15°36	9°36	27°29	26°42	20°27	20°11	8°32	n.a.	T 9
F 10	15 3 36	14°19'47	19°59	15°53	2°33	19°18	9°19	15°35	9°36	27°30	26°44	20°23	20° 7	8°39	n.a.	F 10
S 11	15 7 33	15°17'27	3♌14	17°54	2°11	19°56	9°29	15°34	9°36	27°32	26°45	20°22	20° 4	8°45	n.a.	S 11
S 12	15 11 30	16°15'08	16°46	19°53	1°48	20°35	9°40	15°33	9°37	27°34	26°47	20°21	20° 1	8°52	n.a.	S 12
M13	15 15 26	17°12'50	0♍37	21°51	1°22	21°13	9°50	15°32	9°37	27°35	26°49	20°21	19°58	8°59	n.a.	M13
T 14	15 19 23	18°10'34	14°50	23°48	0°54	21°52	10° 0	15°31	9°37	27°37	26°51	20°20	19°55	9° 5	n.a.	T 14
W15	15 23 19	19° 8'19	29°21	25°44	0°25	22°30	10°10	15°30	9°37	27°38	26°53	20°17	19°52	9°12	n.a.	W15
T 16	15 27 16	20° 6'05	14♎ 9	27°38	29♉54	23° 8	10°21	15°29	9°38	27°40	26°54	20°10	19°48	9°19	n.a.	T 16
F 17	15 31 12	21° 3'53	29° 6	29°31	29°22	23°47	10°31	15°29	9°38	27°41	26°56	20° 2	19°45	9°26	n.a.	F 17
S 18	15 35 9	22° 1'43	14♏ 5	1♊22	28°48	24°25	10°42	15°28	9°R38	27°43	26°58	19°51	19°42	9°32	n.a.	S 18
S 19	15 39 6	22°59'35	28°55	3°13	28°13	25° 4	10°53	15°28	9°38	27°44	27° 0	19°40	19°39	9°39	n.a.	S 19
M20	15 43 2	23°57'28	13♐29	5° 2	27°38	25°42	11° 3	15°27	9°37	27°46	27° 2	19°29	19°36	9°46	n.a.	M20
T 21	15 46 59	24°55'24	27°39	6°49	27° 2	26°21	11°14	15°27	9°37	27°47	27° 4	19°20	19°32	9°52	n.a.	T 21
W22	15 50 55	25°53'21	11♑22	8°35	26°25	26°59	11°25	15°27	9°37	27°49	27° 6	19°14	19°29	9°59	n.a.	W22
T 23	15 54 52	26°51'21	24°37	10°20	25°48	27°38	11°36	15°D27	9°37	27°50	27° 8	19°10	19°26	10° 6	n.a.	T 23
F 24	15 58 48	27°49'23	7♒26	12° 4	25°12	28°17	11°47	15°27	9°37	27°51	27°10	19° 8	19°23	10°12	n.a.	F 24
S 25	16 2 45	28°47'27	19°53	13°46	24°36	28°55	11°59	15°27	9°36	27°52	27°12	19°D 7	19°20	10°19	n.a.	S 25
S 26	16 6 41	29°45'33	2♓ 3	15°27	24° 0	29°34	12°10	15°27	9°36	27°54	27°14	19°R 7	19°17	10°26	n.a.	S 26
M27	16 10 38	0♊43'41	14° 0	17° 6	23°26	0♊12	12°21	15°28	9°35	27°55	27°16	19° 7	19°13	10°32	n.a.	M27
T 28	16 14 35	1°41'51	25°51	18°45	22°52	0°51	12°32	15°28	9°35	27°56	27°18	19° 4	19°10	10°39	n.a.	T 28
W29	16 18 31	2°40'04	7♈40	20°22	22°20	1°30	12°44	15°29	9°34	27°57	27°20	19° 0	19° 7	10°46	n.a.	W29
T 30	16 22 28	3♊38'19	19♈32	21♊58	21♉49	2♊ 8	12♋55	15♍29	9♒34	27♓58	27♊22	18♌52	19♌ 4	10♈53	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n47	3s 7	3s 4	11n27	0n40	21n30	0s 3	17n11	0n53	25n19	1n26	8n11	2n39	19s12	0s52	3s 2	2s 6	38n53	14n49	14n37	15n 2	0s20		n.a.
T 2	14 7	0n59	3 49	12 21	0 49	21 18	0 15	17 24	0 53	25 18	1 26	8 11	2 39	19 12	0 52	3 2	2 6	38 52	14 49	14 39	15 3	0 18		n.a.
F 3	14 26	5 5	4 25	13 14	0 58	21 6	0 27	17 36	0 54	25 17	1 26	8 12	2 39	19 12	0 52	3 1	2 6	38 52	14 48	14 43	15 4	0 16		n.a.
S 4	14 45	9 0	4 49	14 6	1 6	20 52	0 40	17 47	0 54	25 16	1 26	8 12	2 39	19 12	0 52	3 0	2 6	38 52	14 48	14 47	15 5	0 14		n.a.
S 5	15 4	12 36	5 0	14 56	1 14	20 38	0 53	17 59	0 54	25 16	1 26	8 13	2 38	19 12	0 52	3 0	2 6	38 52	14 48	14 51	15 6	0 11		n.a.
M 6	15 23	15 43	4 57	15 44	1 20	20 23	1 6	18 11	0 55	25 15	1 26	8 13	2 38	19 12	0 52	2 59	2 6	38 51	14 48	14 56	15 7	0 9		n.a.
T 7	15 41	18 11	4 41	16 31	1 26	20 8	1 19	18 22	0 55	25 14	1 25	8 13	2 38	19 11	0 52	2 58	2 6	38 51	14 47	14 59	15 8	0 7		n.a.
W 8	16 0	19 48	4 11	17 16	1 32	19 51	1 33	18 34	0 55	25 13	1 25	8 14	2 38	19 11	0 52	2 58	2 6	38 51	14 47	15 3	15 9	0 5		n.a.
T 9	16 17	20 28	3 28	17 58	1 36	19 35	1 47	18 45	0 56	25 12	1 25	8 14	2 37	19 11	0 52	2 57	2 6	38 51	14 47	15 5	15 10	0 3		n.a.
F 10	16 35	20 3	2 33	18 39	1 40	19 17	2 1	18 56	0 56	25 11	1 25	8 14	2 37	19 11	0 52	2 56	2 6	38 51	14 46	15 6	15 11	0 1		n.a.
S 11	16 53	18 32	1 29	19 18	1 44	18 59	2 15	19 7	0 56	25 11	1 25	8 15	2 37	19 11	0 52	2 56	2 6	38 50	14 46	15 7	15 12	0n 2		n.a.
S 12	17 10	15 57	0 19	19 55	1 46	18 40	2 30	19 18	0 57	25 10	1 25	8 15	2 37	19 11	0 52	2 55	2 6	38 50	14 46	15 7	15 13	0 4		n.a.
M13	17 27	12 24	0n54	20 29	1 48	18 20	2 44	19 29	0 57	25 9	1 25	8 15	2 36	19 11	0 52	2 54	2 6	38 50	14 46	15 7	15 14	0 6		n.a.
T 14	17 43	8 4	2 6	21 1	1 50	18 1	2 58	19 40	0 57	25 8	1 24	8 15	2 36	19 11	0 52	2 54	2 6	38 50	14 46	15 7	15 15	0 8		n.a.
W15	18 0	3 10	3 10	21 31	1 51	17 41	3 13	19 50	0 58	25 7	1 24	8 15	2 36	19 11	0 53	2 53	2 6	38 50	14 45	15 8	15 16	0 10		n.a.
T 16	18 16	2s 0	4 4	21 59	1 51	17 20	3 27	20 1	0 58	25 6	1 24	8 15	2 35	19 11	0 53	2 53	2 6	38 49	14 45	15 10	15 17	0 12		n.a.
F 17	18 32	7 6	4 41	22 25	1 51	16 59	3 41	20 11	0 58	25 5	1 24	8 15	2 35	19 11	0 53	2 52	2 6	38 49	14 45	15 13	15 18	0 15		n.a.
S 18	18 47	11 46	4 59	22 49	1 50	16 38	3 55	20 21	0 59	25 4	1 24	8 15	2 35	19 11	0 53	2 52	2 7	38 49	14 45	15 16	15 19	0 17		n.a.
S 19	19 2	15 40	4 57	23 10	1 49	16 18	4 8	20 31	0 59	25 3	1 24	8 15	2 35	19 11	0 53	2 51	2 7	38 49	14 44	15 20	15 20	0 19		n.a.
M20	19 17	18 31	4 35	23 29	1 47	15 57	4 22	20 41	0 59	25 2	1 24	8 15	2 34	19 11	0 53	2 50	2 7	38 49	14 44	15 23	15 21	0 21		n.a.
T 21	19 32	20 9	3 57	23 47	1 45	15 36	4 34	20 51	1 0	25 1	1 24	8 15	2 34	19 11	0 53	2 50	2 7	38 49	14 44	15 26	15 22	0 23		n.a.
W22	19 46	20 32	3 6	24 2	1 42	15 15	4 47	21 0	1 0	25 0	1 24	8 15	2 34	19 11	0 53	2 49	2 7	38 49	14 44	15 29	15 23	0 25		n.a.
T 23	20 0	19 44	2 6	24 16	1 39	14 55	4 59	21 10	1 0	24 59	1 23	8 14	2 34	19 12	0 53	2 49	2 7	38 48	14 44	15 30	15 24	0 28		n.a.
F 24	20 14	17 56	1 2	24 27	1 36	14 36	5 10	21 19	1 0	24 57	1 23	8 14	2 33	19 12	0 53	2 48	2 7	38 48	14 44	15 30	15 25	0 30		n.a.
S 25	20 27	15 20	0s 4	24 37	1 32	14 16	5 21	21 28	1 1	24 56	1 23	8 14	2 33	19 12	0 53	2 48	2 7	38 48	14 43	15 31	15 27	0 32		n.a.
S 26	20 40	12 6	1 8	24 45	1 28	13 58	5 31	21 37	1 1	24 55	1 23	8 13	2 33	19 12	0 53	2 47	2 7	38 48	14 43	15 31	15 28	0 34		n.a.
M27	20 53	8 25	2 8	24 51	1 23	13 40	5 40	21 46	1 1	24 54	1 23	8 13	2 32	19 12	0 53	2 47	2 7	38 48	14 43	15 31	15 29	0 36		n.a.
T 28	21 5	4 27	3 2	24 55	1 18	13 23	5 49	21 54	1 2	24 53	1 23	8 13	2 32	19 12	0 53	2 47	2 7	38 48	14 43	15 31	15 30	0 38		n.a.
W29	21 17	0 20	3 47	24 58	1 13	13 7	5 57	22 3	1 2	24 52	1 23	8 12	2 32	19 12	0 53	2 46	2 7	38 48	14 43	15 33	15 31	0 41		n.a.
T 30	21n28	3n48	4s23	24n59	1n 7	12n52	6s 4	22n11	1n 2	24n50	1n23	8n12	2n32	19s13	0s53	2s46	2s 7	38n48	14n43	15n35	15n32	0n43		n.a.

Julian Day Number = 187524.5, Delta T = 32h34m13s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'57, Lahiri = -61°38'57 Julian Calendar 1 June 4200 BCE == Greg. Calendar 29 Apr. 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

JULY 4200 BCE (-4199) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 26 24	4♊36'36	1♉30	23♊32	21°R19	2♊47	13♋ 7	15♍30	9°R33	28♓ 0	27♊24	18°R42	19♌ 1	10♈59	n.a.	F 1
S 2	16 30 21	5°34'56	13°37	25° 6	20♉52	3°26	13°19	15°31	9♒33	28° 1	27°26	18♌31	18°58	11° 6	n.a.	S 2
S 3	16 34 17	6°33'18	25°55	26°38	20°26	4° 5	13°30	15°32	9°32	28° 2	27°28	18°18	18°54	11°13	n.a.	S 3
M 4	16 38 14	7°31'41	8♊24	28° 9	20° 2	4°44	13°42	15°33	9°31	28° 3	27°30	18° 5	18°51	11°19	n.a.	M 4
T 5	16 42 10	8°30'07	21° 5	29°39	19°41	5°22	13°54	15°34	9°30	28° 4	27°32	17°54	18°48	11°26	n.a.	T 5
W 6	16 46 7	9°28'36	3♋57	1♋ 7	19°21	6° 1	14° 6	15°35	9°29	28° 5	27°35	17°45	18°45	11°33	n.a.	W 6
T 7	16 50 3	10°27'06	17° 0	2°34	19° 4	6°40	14°18	15°36	9°29	28° 6	27°37	17°38	18°42	11°39	n.a.	T 7
F 8	16 54 0	11°25'38	0♌14	4° 0	18°49	7°19	14°30	15°38	9°28	28° 7	27°39	17°35	18°38	11°46	n.a.	F 8
S 9	16 57 57	12°24'12	13°40	5°25	18°37	7°58	14°42	15°39	9°27	28° 8	27°41	17°D34	18°35	11°53	n.a.	S 9
S 10	17 1 53	13°22'48	27°18	6°48	18°27	8°37	14°54	15°41	9°26	28° 8	27°43	17°34	18°32	12° 0	n.a.	S 10
M11	17 5 50	14°21'26	11♍ 9	8°10	18°19	9°16	15° 6	15°42	9°24	28° 9	27°45	17°R34	18°29	12° 6	n.a.	M11
T 12	17 9 46	15°20'05	25°13	9°30	18°13	9°55	15°19	15°44	9°23	28°10	27°47	17°34	18°26	12°13	n.a.	T 12
W13	17 13 43	16°18'47	9♎30	10°49	18°10	10°34	15°31	15°46	9°22	28°11	27°50	17°32	18°23	12°20	n.a.	W13
T 14	17 17 39	17°17'30	23°56	12° 6	18°D10	11°13	15°43	15°48	9°21	28°11	27°52	17°27	18°19	12°26	n.a.	T 14
F 15	17 21 36	18°16'16	8♏30	13°22	18°11	11°52	15°56	15°50	9°20	28°12	27°54	17°21	18°16	12°33	n.a.	F 15
S 16	17 25 32	19°15'03	23° 4	14°36	18°15	12°31	16° 8	15°52	9°18	28°13	27°56	17°12	18°13	12°40	n.a.	S 16
S 17	17 29 29	20°13'53	7♐32	15°49	18°22	13°10	16°20	15°54	9°17	28°13	27°58	17° 3	18°10	12°46	n.a.	S 17
M18	17 33 25	21°12'45	21°48	17° 0	18°30	13°49	16°33	15°57	9°16	28°14	28° 1	16°54	18° 7	12°53	n.a.	M18
T 19	17 37 22	22°11'39	5♑46	18° 8	18°41	14°28	16°46	15°59	9°14	28°15	28° 3	16°47	18° 4	13° 0	n.a.	T 19
W20	17 41 19	23°10'36	19°21	19°15	18°54	15° 7	16°58	16° 1	9°13	28°15	28° 5	16°41	18° 0	13° 7	n.a.	W20
T 21	17 45 15	24° 9'35	2♒33	20°20	19° 8	15°46	17°11	16° 4	9°11	28°16	28° 7	16°38	17°57	13°13	n.a.	T 21
F 22	17 49 12	25° 8'36	15°22	21°22	19°25	16°25	17°23	16° 7	9°10	28°16	28° 9	16°D37	17°54	13°20	n.a.	F 22
S 23	17 53 8	26° 7'40	27°50	22°22	19°44	17° 4	17°36	16° 9	9° 8	28°16	28°12	16°38	17°51	13°27	n.a.	S 23
S 24	17 57 5	27° 6'47	10♓ 1	23°19	20° 5	17°44	17°49	16°12	9° 6	28°17	28°14	16°39	17°48	13°33	n.a.	S 24
M25	18 1 1	28° 5'56	22° 0	24°13	20°27	18°23	18° 2	16°15	9° 5	28°17	28°16	16°40	17°44	13°40	n.a.	M25
T 26	18 4 58	29° 5'07	3♈53	25° 4	20°51	19° 2	18°15	16°18	9° 3	28°18	28°18	16°R40	17°41	13°47	n.a.	T 26
W27	18 8 54	0♋ 4'21	15°44	25°52	21°17	19°42	18°27	16°21	9° 1	28°18	28°21	16°38	17°38	13°53	n.a.	W27
T 28	18 12 51	1° 3'38	27°38	26°36	21°45	20°21	18°40	16°25	8°59	28°18	28°23	16°35	17°35	14° 0	n.a.	T 28
F 29	18 16 47	2° 2'57	9♉39	27°16	22°14	21° 0	18°53	16°28	8°58	28°18	28°25	16°30	17°32	14° 7	n.a.	F 29
S 30	18 20 44	3° 2'19	21°52	27°52	22°45	21°40	19° 6	16°31	8°56	28°19	28°27	16°23	17°29	14°14	n.a.	S 30
S 31	18 24 40	4♋ 1'43	4♊19	28♋23	23♉17	22♊19	19♋19	16♍35	8♒54	28♓19	28♊29	16♌15	17♌25	14♈20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21n39	7n50	4s48	24n59	1n 2	12n38	6s11	22n20	1n 2	24n49	1n23	8n11	2n31	19s13	0s53	2s45	2s 7	38n48	14n43	15n39	15n33	0n45		n.a.	F 1
S 2	21 50	11 36	5 0	24 57	0 55	12 25	6 17	22 28	1 3	24 48	1 23	8 11	2 31	19 13	0 53	2 45	2 7	38 48	14 42	15 42	15 34	0 47		n.a.	S 2
S 3	22 1	14 57	4 59	24 53	0 49	12 13	6 22	22 35	1 3	24 46	1 22	8 10	2 31	19 13	0 53	2 45	2 7	38 47	14 42	15 46	15 35	0 49		n.a.	S 3
M 4	22 11	17 40	4 43	24 49	0 43	12 3	6 27	22 43	1 3	24 45	1 22	8 9	2 30	19 14	0 53	2 44	2 7	38 47	14 42	15 50	15 36	0 52		n.a.	M 4
T 5	22 20	19 36	4 13	24 43	0 36	11 53	6 31	22 51	1 4	24 44	1 22	8 9	2 30	19 14	0 53	2 44	2 8	38 47	14 42	15 54	15 37	0 54		n.a.	T 5
W 6	22 30	20 33	3 30	24 35	0 29	11 45	6 34	22 58	1 4	24 42	1 22	8 8	2 30	19 14	0 53	2 43	2 8	38 47	14 42	15 57	15 38	0 56		n.a.	W 6
T 7	22 39	20 26	2 35	24 27	0 21	11 38	6 36	23 5	1 4	24 41	1 22	8 7	2 30	19 14	0 53	2 43	2 8	38 47	14 42	15 59	15 39	0 58		n.a.	T 7
F 8	22 47	19 11	1 31	24 17	0 14	11 32	6 38	23 12	1 4	24 40	1 22	8 6	2 29	19 15	0 54	2 43	2 8	38 47	14 42	16 0	15 40	1 0		n.a.	F 8
S 9	22 55	16 51	0 21	24 6	0 6	11 27	6 40	23 19	1 5	24 38	1 22	8 5	2 29	19 15	0 54	2 43	2 8	38 47	14 42	16 0	15 41	1 2		n.a.	S 9
S 10	23 3	13 33	0n52	23 54	0s 2	11 24	6 40	23 26	1 5	24 37	1 22	8 5	2 29	19 15	0 54	2 42	2 8	38 47	14 42	16 0	15 42	1 5		n.a.	S 10
M11	23 10	9 28	2 2	23 42	0 10	11 22	6 40	23 32	1 5	24 35	1 22	8 4	2 29	19 16	0 54	2 42	2 8	38 47	14 42	16 0	15 43	1 7		n.a.	M11
T 12	23 17	4 48	3 7	23 28	0 18	11 20	6 40	23 38	1 5	24 34	1 22	8 3	2 28	19 16	0 54	2 42	2 8	38 47	14 42	16 0	15 44	1 9		n.a.	T 12
W13	23 23	0s12	4 1	23 14	0 26	11 20	6 39	23 45	1 6	24 32	1 22	8 2	2 28	19 16	0 54	2 41	2 8	38 47	14 42	16 1	15 45	1 11		n.a.	W13
T 14	23 29	5 13	4 40	22 58	0 34	11 22	6 38	23 51	1 6	24 31	1 22	8 1	2 28	19 17	0 54	2 41	2 8	38 47	14 42	16 2	15 46	1 13		n.a.	T 14
F 15	23 35	9 59	5 1	22 43	0 43	11 24	6 36	23 56	1 6	24 29	1 22	8 0	2 27	19 17	0 54	2 41	2 8	38 47	14 42	16 4	15 47	1 16		n.a.	F 15
S 16	23 40	14 11	5 3	22 26	0 52	11 27	6 34	24 2	1 6	24 27	1 22	7 58	2 27	19 18	0 54	2 41	2 8	38 47	14 42	16 7	15 48	1 18		n.a.	S 16
S 17	23 44	17 29	4 46	22 9	1 0	11 31	6 31	24 7	1 7	24 26	1 21	7 57	2 27	19 18	0 54	2 41	2 8	38 47	14 42	16 10	15 49	1 20		n.a.	S 17
M18	23 49	19 41	4 11	21 51	1 9	11 36	6 28	24 12	1 7	24 24	1 21	7 56	2 27	19 18	0 54	2 40	2 8	38 47	14 42	16 13	15 50	1 22		n.a.	M18
T 19	23 52	20 38	3 21	21 34	1 18	11 42	6 25	24 18	1 7	24 22	1 21	7 55	2 26	19 19	0 54	2 40	2 8	38 47	14 42	16 15	15 51	1 24		n.a.	T 19
W20	23 56	20 21	2 21	21 15	1 27	11 49	6 22	24 22	1 7	24 21	1 21	7 54	2 26	19 19	0 54	2 40	2 8	38 47	14 42	16 17	15 52	1 27		n.a.	W20
T 21	23 59	18 56	1 15	20 57	1 36	11 57	6 18	24 27	1 8	24 19	1 21	7 52	2 26	19 20	0 54	2 40	2 9	38 48	14 42	16 18	15 53	1 29		n.a.	T 21
F 22	24 1	16 35	0 7	20 38	1 45	12 5	6 14	24 31	1 8	24 17	1 21	7 51	2 26	19 20	0 54	2 40	2 9	38 48	14 42	16 18	15 54	1 31		n.a.	F 22
S 23	24 3	13 30	1s 0	20 20	1 54	12 15	6 9	24 36	1 8	24 16	1 21	7 50	2 25	19 21	0 54	2 40	2 9	38 48	14 42	16 18	15 55	1 33		n.a.	S 23
S 24	24 5	9 55	2 3	20 2	2 2	12 25	6 5	24 40	1 8	24 14	1 21	7 48	2 25	19 21	0 54	2 40	2 9	38 48	14 42	16 17	15 56	1 35		n.a.	S 24
M25	24 6	5 59	2 59	19 44	2 11	12 35	6 0	24 44	1 9	24 12	1 21	7 47	2 25	19 22	0 54	2 40	2 9	38 48	14 42	16 17	15 57	1 38		n.a.	M25
T 26	24 6	1 52	3 47	19 26	2 20	12 47	5 55	24 47	1 9	24 10	1 21	7 46	2 25	19 22	0 54	2 39	2 9	38 48	14 42	16 17	15 58	1 40		n.a.	T 26
W27	24 7	2n18	4 25	19 9	2 28	12 58	5 50	24 51	1 9	24 8	1 21	7 44	2 24	19 23	0 54	2 39	2 9	38 48	14 42	16 17	15 59	1 42		n.a.	W27
T 28	24 6	6 23	4 52	18 52	2 37	13 11	5 44	24 54	1 9	24 7	1 21	7 43	2 24	19 23	0 54	2 39	2 9	38 48	14 42	16 19	16 0	1 44		n.a.	T 28
F 29	24 6	10 16	5 7	18 36	2 45	13 24	5 39	24 57	1 9	24 5	1 21	7 41	2 24	19 24	0 54	2 39	2 9	38 48	14 42	16 20	16 1	1 46		n.a.	F 29
S 30	24 5	13 48	5 7	18 22	2 52	13 37	5 33	25 0	1 10	24 3	1 21	7 39	2 24	19 24	0 54	2 39	2 9	38 48	14 42	16 22	16 2	1 49		n.a.	S 30
S 31	24n 3	16n48	4s54	18n 8	3s 0	13n51	5s27	25n 3	1n10	24n 1	1n21	7n38	2n23	19s25	0s54	2s39	2s 9	38n49	14n42	16n25	16n 3	1n51		n.a.	S 31

Julian Day Number = 187554.5, Delta T = 32h34m10s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'53, Lahiri = -61°38'53 Julian Calendar 1 July 4200 BCE == Greg. Calendar 29 May 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

AUGUST 4200 BCE (-4199) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 28 37	5♋ 1'09	17♊ 1	28♋49	23♉51	22♊58	19♋32	16♍38	8°R52	28♓19	28♊32	16°R 8	17♌22	14♈27	n.a.	M 1
T 2	18 32 33	6° 0'39	29°58	29°10	24°26	23°38	19°45	16°42	8♒50	28°19	28°34	16♌ 1	17°19	14°34	n.a.	T 2
W 3	18 36 30	7° 0'10	13♋11	29°24	25° 2	24°17	19°58	16°45	8°48	28°19	28°36	15°55	17°16	14°40	n.a.	W 3
T 4	18 40 27	7°59'44	26°38	29°32	25°40	24°57	20°11	16°49	8°46	28°R19	28°38	15°52	17°13	14°47	n.a.	T 4
F 5	18 44 23	8°59'20	10♌17	29°R34	26°19	25°37	20°24	16°53	8°44	28°19	28°40	15°D50	17°10	14°54	n.a.	F 5
S 6	18 48 20	9°58'58	24° 5	29°27	26°59	26°16	20°38	16°57	8°42	28°19	28°43	15°50	17° 6	15° 0	n.a.	S 6
S 7	18 52 16	10°58'38	8♍ 1	29°14	27°40	26°56	20°51	17° 1	8°40	28°19	28°45	15°52	17° 3	15° 7	n.a.	S 7
M 8	18 56 13	11°58'20	22° 4	28°52	28°22	27°35	21° 4	17° 5	8°38	28°19	28°47	15°53	17° 0	15°14	n.a.	M 8
T 9	19 0 9	12°58'04	6♎11	28°22	29° 6	28°15	21°17	17° 9	8°35	28°19	28°49	15°54	16°57	15°21	n.a.	T 9
W10	19 4 6	13°57'49	20°21	27°43	29°50	28°55	21°30	17°14	8°33	28°18	28°51	15°R54	16°54	15°27	n.a.	W10
T 11	19 8 2	14°57'37	4♏33	26°57	0♊35	29°34	21°43	17°18	8°31	28°18	28°53	15°53	16°50	15°34	n.a.	T 11
F 12	19 11 59	15°57'27	18°44	26° 2	1°21	0♋14	21°57	17°22	8°29	28°18	28°56	15°50	16°47	15°41	n.a.	F 12
S 13	19 15 55	16°57'19	2♐51	25° 1	2° 9	0°54	22°10	17°27	8°27	28°18	28°58	15°46	16°44	15°47	n.a.	S 13
S 14	19 19 52	17°57'13	16°51	23°54	2°57	1°34	22°23	17°31	8°24	28°17	29° 0	15°42	16°41	15°54	n.a.	S 14
M15	19 23 48	18°57'09	0♑39	22°43	3°46	2°13	22°36	17°36	8°22	28°17	29° 2	15°38	16°38	16° 1	n.a.	M15
T 16	19 27 45	19°57'07	14°14	21°29	4°35	2°53	22°50	17°41	8°20	28°17	29° 4	15°34	16°35	16° 7	n.a.	T 16
W17	19 31 41	20°57'07	27°31	20°14	5°26	3°33	23° 3	17°45	8°17	28°16	29° 6	15°32	16°31	16°14	n.a.	W17
T 18	19 35 38	21°57'09	10♒31	19° 1	6°17	4°13	23°16	17°50	8°15	28°16	29° 8	15°D31	16°28	16°21	n.a.	T 18
F 19	19 39 35	22°57'13	23°13	17°52	7° 9	4°53	23°29	17°55	8°13	28°15	29°10	15°31	16°25	16°28	n.a.	F 19
S 20	19 43 31	23°57'20	5♓38	16°49	8° 2	5°33	23°43	18° 0	8°10	28°15	29°12	15°32	16°22	16°34	n.a.	S 20
S 21	19 47 28	24°57'29	17°49	15°54	8°55	6°13	23°56	18° 5	8° 8	28°14	29°15	15°33	16°19	16°41	n.a.	S 21
M22	19 51 24	25°57'40	29°49	15° 8	9°50	6°53	24° 9	18°10	8° 6	28°14	29°17	15°35	16°16	16°48	n.a.	M22
T 23	19 55 21	26°57'54	11♈42	14°32	10°44	7°33	24°22	18°15	8° 3	28°13	29°19	15°36	16°12	16°54	n.a.	T 23
W24	19 59 17	27°58'10	23°33	14° 7	11°40	8°13	24°36	18°20	8° 1	28°12	29°21	15°R37	16° 9	17° 1	n.a.	W24
T 25	20 3 14	28°58'28	5♉27	13°54	12°36	8°53	24°49	18°26	7°58	28°12	29°23	15°37	16° 6	17° 8	n.a.	T 25
F 26	20 7 10	29°58'49	17°29	13°D52	13°32	9°33	25° 2	18°31	7°56	28°11	29°25	15°36	16° 3	17°15	n.a.	F 26
S 27	20 11 7	0♌59'12	29°43	14° 2	14°30	10°13	25°16	18°36	7°53	28°10	29°27	15°35	16° 0	17°21	n.a.	S 27
S 28	20 15 3	1°59'37	12♊12	14°22	15°27	10°53	25°29	18°42	7°51	28° 9	29°29	15°33	15°56	17°28	n.a.	S 28
M29	20 19 0	3° 0'04	25° 1	14°52	16°26	11°33	25°42	18°47	7°48	28° 9	29°30	15°31	15°53	17°35	n.a.	M29
T 30	20 22 56	4° 0'34	8♋10	15°31	17°24	12°14	25°55	18°53	7°46	28° 8	29°32	15°29	15°50	17°41	n.a.	T 30
W31	20 26 53	5♌ 1'05	21♋39	16♋18	18♊24	12♋54	26♋ 8	18♍58	7♒43	28♓ 7	29♊34	15♌28	15♌47	17♈48	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	24n 1	19n 3	4s26	17n56	3s 7	14n 5	5s21	25n 5	1n10	23n59	1n21	7n36	2n23	19s25	0s54	2s39	2s 9	38n49	14n42	16n27	16n 4	1n53			n.a.
T 2	23 58	20 24	3 43	17 45	3 13	14 19	5 15	25 8	1 10	23 57	1 21	7 35	2 23	19 26	0 54	2 39	2 9	38 49	14 42	16 29	16 5	1 55			n.a.
W 3	23 55	20 39	2 48	17 37	3 19	14 34	5 9	25 10	1 10	23 55	1 21	7 33	2 23	19 26	0 54	2 39	2 9	38 49	14 43	16 31	16 6	1 57			n.a.
T 4	23 52	19 45	1 43	17 30	3 24	14 49	5 3	25 11	1 11	23 53	1 21	7 31	2 22	19 27	0 54	2 39	2 10	38 49	14 43	16 32	16 7	2 0			n.a.
F 5	23 48	17 41	0 30	17 26	3 28	15 4	4 57	25 13	1 11	23 51	1 21	7 29	2 22	19 28	0 54	2 40	2 10	38 49	14 43	16 32	16 8	2 2			n.a.
S 6	23 43	14 34	0n45	17 24	3 31	15 20	4 50	25 15	1 11	23 49	1 21	7 28	2 22	19 28	0 54	2 40	2 10	38 49	14 43	16 32	16 9	2 4			n.a.
S 7	23 39	10 37	1 58	17 25	3 33	15 36	4 44	25 16	1 11	23 47	1 21	7 26	2 22	19 29	0 55	2 40	2 10	38 50	14 43	16 32	16 10	2 6			n.a.
M 8	23 33	6 3	3 5	17 29	3 34	15 51	4 37	25 17	1 11	23 45	1 21	7 24	2 21	19 29	0 55	2 40	2 10	38 50	14 43	16 31	16 11	2 8			n.a.
T 9	23 28	1 9	4 1	17 36	3 33	16 7	4 31	25 18	1 12	23 42	1 21	7 22	2 21	19 30	0 55	2 40	2 10	38 50	14 43	16 31	16 12	2 11			n.a.
W10	23 21	3s50	4 43	17 46	3 30	16 23	4 24	25 18	1 12	23 40	1 21	7 20	2 21	19 31	0 55	2 40	2 10	38 50	14 44	16 31	16 13	2 13			n.a.
T 11	23 15	8 36	5 7	18 0	3 26	16 39	4 17	25 19	1 12	23 38	1 21	7 18	2 21	19 31	0 55	2 40	2 10	38 50	14 44	16 32	16 14	2 15			n.a.
F 12	23 8	12 53	5 13	18 16	3 20	16 55	4 11	25 19	1 12	23 36	1 21	7 16	2 20	19 32	0 55	2 40	2 10	38 51	14 44	16 32	16 15	2 17			n.a.
S 13	23 0	16 26	4 59	18 36	3 11	17 11	4 4	25 19	1 12	23 34	1 21	7 14	2 20	19 32	0 55	2 41	2 10	38 51	14 44	16 34	16 16	2 19			n.a.
S 14	22 52	19 0	4 28	18 58	3 1	17 28	3 57	25 19	1 12	23 32	1 21	7 12	2 20	19 33	0 55	2 41	2 10	38 51	14 44	16 35	16 17	2 22			n.a.
M15	22 44	20 25	3 42	19 23	2 48	17 44	3 51	25 18	1 13	23 29	1 21	7 10	2 20	19 34	0 55	2 41	2 10	38 51	14 45	16 36	16 18	2 24			n.a.
T 16	22 35	20 37	2 44	19 49	2 34	17 59	3 44	25 18	1 13	23 27	1 21	7 8	2 20	19 34	0 55	2 41	2 10	38 51	14 45	16 37	16 19	2 26			n.a.
W17	22 26	19 39	1 37	20 17	2 17	18 15	3 37	25 17	1 13	23 25	1 21	7 6	2 19	19 35	0 55	2 41	2 10	38 52	14 45	16 38	16 20	2 28			n.a.
T 18	22 16	17 39	0 27	20 45	1 59	18 31	3 30	25 16	1 13	23 23	1 21	7 4	2 19	19 36	0 55	2 42	2 10	38 52	14 45	16 38	16 21	2 31			n.a.
F 19	22 6	14 50	0s42	21 13	1 41	18 46	3 24	25 15	1 13	23 20	1 21	7 2	2 19	19 36	0 55	2 42	2 11	38 52	14 46	16 38	16 22	2 33			n.a.
S 20	21 55	11 23	1 49	21 41	1 21	19 2	3 17	25 13	1 13	23 18	1 21	6 59	2 19	19 37	0 55	2 42	2 11	38 52	14 46	16 38	16 23	2 35			n.a.
S 21	21 44	7 32	2 49	22 8	1 1	19 17	3 10	25 11	1 14	23 16	1 21	6 57	2 19	19 38	0 55	2 42	2 11	38 53	14 46	16 37	16 24	2 37			n.a.
M22	21 33	3 26	3 41	22 33	0 41	19 32	3 3	25 9	1 14	23 13	1 21	6 55	2 18	19 38	0 55	2 43	2 11	38 53	14 46	16 37	16 25	2 39			n.a.
T 23	21 21	0n44	4 23	22 56	0 22	19 46	2 57	25 7	1 14	23 11	1 21	6 53	2 18	19 39	0 55	2 43	2 11	38 53	14 47	16 36	16 25	2 42			n.a.
W24	21 9	4 52	4 53	23 17	0 3	20 1	2 50	25 5	1 14	23 8	1 21	6 51	2 18	19 39	0 55	2 43	2 11	38 54	14 47	16 36	16 26	2 44			n.a.
T 25	20 56	8 50	5 11	23 36	0n15	20 15	2 43	25 2	1 14	23 6	1 21	6 48	2 18	19 40	0 55	2 44	2 11	38 54	14 47	16 36	16 27	2 46			n.a.
F 26	20 43	12 29	5 16	23 53	0 31	20 28	2 37	25 0	1 14	23 4	1 21	6 46	2 18	19 41	0 55	2 44	2 11	38 54	14 47	16 37	16 28	2 48			n.a.
S 27	20 30	15 40	5 7	24 7	0 46	20 42	2 30	24 57	1 14	23 1	1 21	6 44	2 17	19 41	0 55	2 44	2 11	38 54	14 48	16 37	16 29	2 51			n.a.
S 28	20 16	18 13	4 43	24 18	1 0	20 55	2 24	24 53	1 15	22 59	1 21	6 41	2 17	19 42	0 55	2 45	2 11	38 55	14 48	16 38	16 30	2 53			n.a.
M29	20 2	19 57	4 4	24 27	1 12	21 8	2 17	24 50	1 15	22 56	1 22	6 39	2 17	19 43	0 55	2 45	2 11	38 55	14 48	16 38	16 31	2 55			n.a.
T 30	19 48	20 39	3 12	24 34	1 23	21 20	2 11	24 46	1 15	22 54	1 22	6 36	2 17	19 43	0 55	2 46	2 11	38 55	14 49	16 39	16 32	2 57			n.a.
W31	19n33	20n13	2s 8	24n37	1n33	21n32	2s 4	24n43	1n15	22n51	1n22	6n34	2n17	19s44	0s55	2s46	2s11	38n56	14n49	16n39	16n33	2n59			n.a.

Julian Day Number = 187585.5, Delta T = 32h34m06s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'49, Lahiri = -61°38'49 Julian Calendar 1 Aug. 4200 BCE == Greg. Calendar 29 June 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

SEPTEMBER 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 30 49	6♌ 1'39	5♌28	17♋13	19♊23	13♋34	26♋22	19♍ 4	7°R41	28°R 6	29♊36	15°R27	15♌44	17♈55	n.a.	T 1
F 2	20 34 46	7° 2'14	19°33	18°14	20°23	14°15	26°35	19°10	7♒39	28♓ 5	29°38	15°D27	15°41	18° 2	n.a.	F 2
S 3	20 38 43	8° 2'51	3♍50	19°21	21°24	14°55	26°48	19°15	7°36	28° 4	29°40	15♌28	15°37	18° 8	n.a.	S 3
S 4	20 42 39	9° 3'30	18°14	20°32	22°25	15°35	27° 1	19°21	7°34	28° 3	29°42	15°28	15°34	18°15	n.a.	S 4
M 5	20 46 36	10° 4'10	2♎41	21°48	23°27	16°16	27°14	19°27	7°31	28° 2	29°44	15°29	15°31	18°22	n.a.	M 5
T 6	20 50 32	11° 4'52	17° 5	23° 8	24°28	16°56	27°27	19°33	7°29	28° 1	29°45	15°29	15°28	18°28	n.a.	T 6
W 7	20 54 29	12° 5'35	1♏23	24°30	25°31	17°37	27°40	19°39	7°26	28° 0	29°47	15°30	15°25	18°35	n.a.	W 7
T 8	20 58 25	13° 6'20	15°32	25°55	26°33	18°17	27°54	19°45	7°24	27°59	29°49	15°R30	15°21	18°42	n.a.	T 8
F 9	21 2 22	14° 7'06	29°30	27°23	27°36	18°58	28° 7	19°51	7°21	27°58	29°51	15°29	15°18	18°48	n.a.	F 9
S 10	21 6 18	15° 7'54	13♐17	28°52	28°40	19°38	28°20	19°57	7°19	27°57	29°52	15°D29	15°15	18°55	n.a.	S 10
S 11	21 10 15	16° 8'43	26°51	0♌22	29°43	20°19	28°33	20° 3	7°16	27°56	29°54	15°29	15°12	19° 2	n.a.	S 11
M12	21 14 11	17° 9'33	10♑12	1°54	0♋47	20°59	28°46	20°10	7°14	27°54	29°56	15°30	15° 9	19° 9	n.a.	M12
T 13	21 18 8	18°10'25	23°19	3°26	1°52	21°40	28°58	20°16	7°11	27°53	29°57	15°30	15° 6	19°15	n.a.	T 13
W14	21 22 4	19°11'18	6♒14	4°59	2°57	22°21	29°11	20°22	7° 9	27°52	29°59	15°30	15° 2	19°22	n.a.	W14
T 15	21 26 1	20°12'12	18°55	6°33	4° 2	23° 1	29°24	20°28	7° 7	27°51	0♋ 0	15°R30	14°59	19°29	n.a.	T 15
F 16	21 29 58	21°13'08	1♓24	8° 8	5° 7	23°42	29°37	20°35	7° 4	27°49	0° 2	15°30	14°56	19°35	n.a.	F 16
S 17	21 33 54	22°14'05	13°41	9°43	6°13	24°23	29°50	20°41	7° 2	27°48	0° 4	15°29	14°53	19°42	n.a.	S 17
S 18	21 37 51	23°15'04	25°47	11°17	7°18	25° 3	0♌ 3	20°48	6°59	27°47	0° 5	15°28	14°50	19°49	n.a.	S 18
M19	21 41 47	24°16'05	7♈46	12°53	8°25	25°44	0°15	20°54	6°57	27°45	0° 7	15°27	14°47	19°56	n.a.	M19
T 20	21 45 44	25°17'06	19°39	14°28	9°31	26°25	0°28	21° 1	6°55	27°44	0° 8	15°26	14°43	20° 2	n.a.	T 20
W21	21 49 40	26°18'10	1♉30	16° 3	10°38	27° 6	0°41	21° 7	6°52	27°43	0° 9	15°24	14°40	20° 9	n.a.	W21
T 22	21 53 37	27°19'15	13°23	17°38	11°45	27°47	0°53	21°14	6°50	27°41	0°11	15°23	14°37	20°16	n.a.	T 22
F 23	21 57 33	28°20'21	25°22	19°14	12°52	28°28	1° 6	21°20	6°48	27°40	0°12	15°D23	14°34	20°22	n.a.	F 23
S 24	22 1 30	29°21'29	7♊32	20°49	13°59	29° 9	1°18	21°27	6°46	27°38	0°14	15°23	14°31	20°29	n.a.	S 24
S 25	22 5 27	0♍22'38	19°58	22°24	15° 7	29°50	1°31	21°33	6°43	27°37	0°15	15°24	14°27	20°36	n.a.	S 25
M26	22 9 23	1°23'49	2♋44	23°59	16°15	0♌31	1°43	21°40	6°41	27°35	0°16	15°25	14°24	20°43	n.a.	M26
T 27	22 13 20	2°25'01	15°53	25°34	17°23	1°12	1°56	21°47	6°39	27°34	0°18	15°26	14°21	20°49	n.a.	T 27
W28	22 17 16	3°26'15	29°28	27° 9	18°32	1°53	2° 8	21°54	6°37	27°32	0°19	15°28	14°18	20°56	n.a.	W28
T 29	22 21 13	4°27'29	13♌28	28°44	19°40	2°34	2°20	22° 0	6°35	27°31	0°20	15°R28	14°15	21° 3	n.a.	T 29
F 30	22 25 9	5♍28'45	27♌51	0♍19	20♋49	3♌15	2♌32	22♍ 7	6♒33	27♓29	0♋21	15♌28	14♌12	21♈ 9	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n18	18n33	0s55	24n38	1n41	21n43	1s58	24n39	1n15	22n49	1n22	6n32	2n17	19s45	0s55	2s46	2s11	38n56	14n49	16n39	16n34	3n 2		n.a.
F 2	19 2	15 44	0n23	24 37	1 48	21 54	1 51	24 34	1 15	22 46	1 22	6 29	2 16	19 45	0 55	2 47	2 11	38 56	14 50	16 39	16 35	3 4		n.a.
S 3	18 46	11 56	1 40	24 33	1 53	22 5	1 45	24 30	1 15	22 43	1 22	6 27	2 16	19 46	0 55	2 47	2 11	38 57	14 50	16 39	16 36	3 6		n.a.
S 4	18 30	7 24	2 52	24 26	1 58	22 15	1 39	24 25	1 15	22 41	1 22	6 24	2 16	19 47	0 55	2 48	2 11	38 57	14 50	16 39	16 37	3 8		n.a.
M 5	18 13	2 27	3 53	24 17	2 1	22 24	1 33	24 20	1 15	22 38	1 22	6 22	2 16	19 47	0 55	2 48	2 11	38 58	14 51	16 39	16 38	3 11		n.a.
T 6	17 56	2s36	4 39	24 6	2 4	22 33	1 27	24 15	1 16	22 36	1 22	6 19	2 16	19 48	0 55	2 49	2 12	38 58	14 51	16 39	16 39	3 13		n.a.
W 7	17 39	7 29	5 8	23 53	2 6	22 42	1 21	24 10	1 16	22 33	1 22	6 17	2 16	19 49	0 55	2 49	2 12	38 58	14 51	16 39	16 40	3 15		n.a.
T 8	17 21	11 54	5 18	23 38	2 6	22 50	1 15	24 5	1 16	22 31	1 22	6 14	2 15	19 49	0 55	2 50	2 12	38 59	14 52	16 39	16 41	3 17		n.a.
F 9	17 3	15 36	5 8	23 20	2 7	22 57	1 9	23 59	1 16	22 28	1 22	6 11	2 15	19 50	0 55	2 50	2 12	38 59	14 52	16 39	16 42	3 19		n.a.
S 10	16 45	18 23	4 41	23 1	2 6	23 4	1 3	23 53	1 16	22 25	1 22	6 9	2 15	19 51	0 55	2 51	2 12	38 59	14 53	16 39	16 43	3 22		n.a.
S 11	16 26	20 6	3 59	22 40	2 5	23 10	0 57	23 47	1 16	22 23	1 23	6 6	2 15	19 51	0 55	2 51	2 12	39 0	14 53	16 39	16 44	3 24		n.a.
M12	16 8	20 39	3 4	22 17	2 3	23 16	0 51	23 41	1 16	22 20	1 23	6 4	2 15	19 52	0 55	2 52	2 12	39 0	14 53	16 39	16 45	3 26		n.a.
T 13	15 49	20 4	2 0	21 53	2 1	23 21	0 45	23 34	1 16	22 17	1 23	6 1	2 15	19 53	0 55	2 52	2 12	39 1	14 54	16 38	16 46	3 28		n.a.
W14	15 29	18 25	0 51	21 27	1 58	23 25	0 40	23 27	1 16	22 15	1 23	5 58	2 15	19 53	0 55	2 53	2 12	39 1	14 54	16 38	16 47	3 31		n.a.
T 15	15 9	15 52	0s19	21 0	1 55	23 29	0 34	23 20	1 16	22 12	1 23	5 56	2 14	19 54	0 55	2 53	2 12	39 1	14 55	16 38	16 48	3 33		n.a.
F 16	14 50	12 38	1 27	20 32	1 51	23 32	0 29	23 13	1 16	22 9	1 23	5 53	2 14	19 54	0 55	2 54	2 12	39 2	14 55	16 38	16 49	3 35		n.a.
S 17	14 29	8 53	2 30	20 2	1 47	23 34	0 24	23 6	1 16	22 7	1 23	5 50	2 14	19 55	0 55	2 54	2 12	39 2	14 55	16 39	16 50	3 37		n.a.
S 18	14 9	4 51	3 25	19 31	1 43	23 36	0 18	22 58	1 16	22 4	1 23	5 47	2 14	19 56	0 55	2 55	2 12	39 3	14 56	16 39	16 51	3 39		n.a.
M19	13 48	0 40	4 11	18 59	1 38	23 37	0 13	22 51	1 16	22 1	1 23	5 45	2 14	19 56	0 55	2 56	2 12	39 3	14 56	16 39	16 52	3 42		n.a.
T 20	13 27	3n31	4 45	18 27	1 34	23 38	0 8	22 43	1 16	21 59	1 23	5 42	2 14	19 57	0 55	2 56	2 12	39 4	14 57	16 40	16 53	3 44		n.a.
W21	13 6	7 32	5 7	17 53	1 29	23 38	0 3	22 35	1 17	21 56	1 24	5 39	2 14	19 57	0 55	2 57	2 12	39 4	14 57	16 40	16 54	3 46		n.a.
T 22	12 45	11 16	5 16	17 18	1 23	23 37	0n 2	22 26	1 17	21 53	1 24	5 36	2 14	19 58	0 55	2 57	2 12	39 4	14 58	16 40	16 54	3 48		n.a.
F 23	12 23	14 36	5 12	16 42	1 18	23 35	0 7	22 18	1 17	21 50	1 24	5 34	2 13	19 59	0 55	2 58	2 12	39 5	14 58	16 41	16 55	3 51		n.a.
S 24	12 1	17 22	4 53	16 6	1 12	23 33	0 12	22 9	1 17	21 48	1 24	5 31	2 13	19 59	0 55	2 59	2 12	39 5	14 58	16 41	16 56	3 53		n.a.
S 25	11 39	19 23	4 21	15 29	1 7	23 30	0 16	22 0	1 17	21 45	1 24	5 28	2 13	20 0	0 55	2 59	2 12	39 6	14 59	16 40	16 57	3 55		n.a.
M26	11 17	20 30	3 35	14 51	1 1	23 26	0 21	21 51	1 17	21 42	1 24	5 25	2 13	20 0	0 55	3 0	2 12	39 6	14 59	16 40	16 58	3 57		n.a.
T 27	10 54	20 33	2 36	14 13	0 55	23 22	0 25	21 42	1 17	21 39	1 24	5 22	2 13	20 1	0 55	3 1	2 12	39 7	15 0	16 40	16 59	4 0		n.a.
W28	10 32	19 25	1 27	13 34	0 49	23 17	0 30	21 33	1 17	21 37	1 24	5 20	2 13	20 1	0 55	3 1	2 12	39 7	15 0	16 39	17 0	4 2		n.a.
T 29	10 9	17 4	0 11	12 54	0 43	23 11	0 34	21 23	1 17	21 34	1 25	5 17	2 13	20 2	0 55	3 2	2 12	39 8	15 1	16 39	17 1	4 4		n.a.
F 30	9n46	13n37	1n 8	12n14	0n37	23n 5	0n38	21n13	1n17	21n31	1n25	5n14	2n13	20s 2	0s55	3s 2	2s12	39n 8	15n 1	16n39	17n 2	4n 6		n.a.

Julian Day Number = 187616.5, Delta T = 32h34m03s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'45, Lahiri = -61°38'45 Julian Calendar 1 Sept. 4200 BCE == Greg. Calendar 30 July 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

OCTOBER 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 29 6	6♍30'01	12♍32	1♍54	21♋58	3♌56	2♌44	22♍14	6°R31	27°R28	0♋22	15°R26	14♌ 8	21♈16	n.a.	S 1
S 2	22 33 2	7°31'19	27°25	3°28	23° 7	4°37	2°57	22°21	6♒28	27♓26	0°23	15♌24	14° 5	21°23	n.a.	S 2
M 3	22 36 59	8°32'37	12♎21	5° 3	24°16	5°19	3° 9	22°28	6°26	27°25	0°25	15°21	14° 2	21°30	n.a.	M 3
T 4	22 40 56	9°33'55	27°11	6°38	25°26	6° 0	3°21	22°34	6°24	27°23	0°26	15°17	13°59	21°36	n.a.	T 4
W 5	22 44 52	10°35'15	11♏49	8°12	26°35	6°41	3°32	22°41	6°23	27°21	0°27	15°14	13°56	21°43	n.a.	W 5
T 6	22 48 49	11°36'34	26° 9	9°47	27°45	7°22	3°44	22°48	6°21	27°20	0°28	15°12	13°53	21°50	n.a.	T 6
F 7	22 52 45	12°37'54	10♐ 9	11°21	28°55	8° 4	3°56	22°55	6°19	27°18	0°29	15°D11	13°49	21°56	n.a.	F 7
S 8	22 56 42	13°39'15	23°48	12°56	0♌ 5	8°45	4° 8	23° 2	6°17	27°16	0°30	15°12	13°46	22° 3	n.a.	S 8
S 9	23 0 38	14°40'36	7♑ 8	14°30	1°16	9°26	4°19	23° 9	6°15	27°15	0°30	15°13	13°43	22°10	n.a.	S 9
M10	23 4 35	15°41'57	20° 9	16° 5	2°26	10° 8	4°31	23°16	6°13	27°13	0°31	15°15	13°40	22°17	n.a.	M10
T 11	23 8 32	16°43'18	2♒56	17°40	3°37	10°49	4°42	23°23	6°12	27°11	0°32	15°16	13°37	22°23	n.a.	T 11
W12	23 12 28	17°44'40	15°29	19°15	4°47	11°31	4°54	23°30	6°10	27°10	0°33	15°R17	13°33	22°30	n.a.	W12
T 13	23 16 25	18°46'01	27°52	20°49	5°58	12°12	5° 5	23°37	6° 8	27° 8	0°34	15°16	13°30	22°37	n.a.	T 13
F 14	23 20 21	19°47'23	10♓ 6	22°24	7° 9	12°54	5°16	23°44	6° 7	27° 6	0°35	15°13	13°27	22°43	n.a.	F 14
S 15	23 24 18	20°48'46	22°12	24° 0	8°20	13°35	5°28	23°51	6° 5	27° 5	0°35	15° 9	13°24	22°50	n.a.	S 15
S 16	23 28 14	21°50'08	4♈12	25°35	9°31	14°17	5°39	23°58	6° 4	27° 3	0°36	15° 3	13°21	22°57	n.a.	S 16
M17	23 32 11	22°51'31	16° 7	27°10	10°43	14°59	5°50	24° 5	6° 2	27° 1	0°37	14°55	13°18	23° 4	n.a.	M17
T 18	23 36 7	23°52'55	27°59	28°46	11°54	15°40	6° 1	24°12	6° 1	27° 0	0°37	14°48	13°14	23°10	n.a.	T 18
W19	23 40 4	24°54'18	9♉50	0♎21	13° 6	16°22	6°11	24°19	5°59	26°58	0°38	14°40	13°11	23°17	n.a.	W19
T 20	23 44 1	25°55'42	21°43	1°57	14°17	17° 4	6°22	24°26	5°58	26°56	0°38	14°34	13° 8	23°24	n.a.	T 20
F 21	23 47 57	26°57'07	3♊41	3°34	15°29	17°45	6°33	24°33	5°56	26°54	0°39	14°29	13° 5	23°30	n.a.	F 21
S 22	23 51 54	27°58'31	15°48	5°10	16°41	18°27	6°44	24°39	5°55	26°53	0°39	14°26	13° 2	23°37	n.a.	S 22
S 23	23 55 50	28°59'56	28° 9	6°46	17°53	19° 9	6°54	24°46	5°54	26°51	0°40	14°D25	12°58	23°44	n.a.	S 23
M24	23 59 47	0♎ 1'21	10♋47	8°23	19° 5	19°51	7° 4	24°53	5°53	26°49	0°40	14°26	12°55	23°51	n.a.	M24
T 25	0 3 43	1° 2'47	23°49	10° 0	20°17	20°32	7°15	25° 0	5°52	26°48	0°41	14°27	12°52	23°57	n.a.	T 25
W26	0 7 40	2° 4'12	7♌17	11°36	21°29	21°14	7°25	25° 7	5°51	26°46	0°41	14°28	12°49	24° 4	n.a.	W26
T 27	0 11 37	3° 5'38	21°13	13°13	22°42	21°56	7°35	25°14	5°49	26°44	0°41	14°R28	12°46	24°11	n.a.	T 27
F 28	0 15 33	4° 7'03	5♍38	14°50	23°54	22°38	7°45	25°21	5°48	26°42	0°42	14°26	12°43	24°17	n.a.	F 28
S 29	0 19 30	5° 8'29	20°28	16°27	25° 6	23°20	7°55	25°28	5°48	26°41	0°42	14°22	12°39	24°24	n.a.	S 29
S 30	0 23 26	6° 9'54	5♎36	18° 4	26°19	24° 2	8° 5	25°35	5°47	26°39	0°42	14°15	12°36	24°31	n.a.	S 30
M31	0 27 23	7♎11'18	20♎53	19♎41	27♌32	24♌44	8♌14	25♍42	5♒46	26♓37	0♋42	14♌ 7	12♌33	24♈38	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n22	9n15	2n24	11n34	0n30	22n58	0n42	21n 3	1n17	21n28	1n25	5n11	2n13	20s 3	0s54	3s 3	2s12	39n 9	15n 2	16n40	17n 3	4n 9		n.a.
S 2	8 59	4 16	3 31	10 53	0 24	22 50	0 46	20 53	1 17	21 26	1 25	5 8	2 13	20 3	0 54	3 4	2 13	39 9	15 2	16 40	17 4	4 11		n.a.
M 3	8 36	0s59	4 24	10 12	0 18	22 42	0 50	20 43	1 17	21 23	1 25	5 5	2 12	20 4	0 54	3 4	2 13	39 10	15 3	16 41	17 5	4 13		n.a.
T 4	8 12	6 8	4 59	9 30	0 11	22 32	0 54	20 32	1 17	21 20	1 25	5 3	2 12	20 4	0 54	3 5	2 13	39 10	15 3	16 42	17 6	4 15		n.a.
W 5	7 48	10 51	5 14	8 48	0 5	22 22	0 58	20 22	1 17	21 18	1 26	5 0	2 12	20 5	0 54	3 6	2 13	39 11	15 4	16 43	17 7	4 17		n.a.
T 6	7 24	14 50	5 9	8 6	0s 1	22 12	1 1	20 11	1 17	21 15	1 26	4 57	2 12	20 5	0 54	3 6	2 13	39 11	15 4	16 44	17 8	4 20		n.a.
F 7	7 0	17 54	4 45	7 23	0 8	22 1	1 5	20 0	1 17	21 12	1 26	4 54	2 12	20 6	0 54	3 7	2 13	39 12	15 5	16 44	17 9	4 22		n.a.
S 8	6 36	19 52	4 6	6 40	0 14	21 49	1 8	19 48	1 17	21 9	1 26	4 51	2 12	20 6	0 54	3 8	2 13	39 12	15 5	16 44	17 10	4 24		n.a.
S 9	6 12	20 41	3 14	5 57	0 20	21 36	1 12	19 37	1 17	21 7	1 26	4 48	2 12	20 7	0 54	3 9	2 13	39 13	15 6	16 44	17 11	4 26		n.a.
M10	5 47	20 21	2 13	5 14	0 27	21 23	1 15	19 26	1 16	21 4	1 26	4 45	2 12	20 7	0 54	3 9	2 13	39 13	15 6	16 43	17 11	4 29		n.a.
T 11	5 23	18 58	1 7	4 31	0 33	21 9	1 18	19 14	1 16	21 1	1 27	4 43	2 12	20 8	0 54	3 10	2 13	39 14	15 7	16 43	17 12	4 31		n.a.
W12	4 58	16 40	0s 1	3 47	0 39	20 55	1 21	19 2	1 16	20 59	1 27	4 40	2 12	20 8	0 54	3 11	2 13	39 14	15 7	16 42	17 13	4 33		n.a.
T 13	4 34	13 37	1 8	3 3	0 45	20 39	1 24	18 50	1 16	20 56	1 27	4 37	2 12	20 8	0 54	3 11	2 13	39 15	15 8	16 43	17 14	4 35		n.a.
F 14	4 9	10 1	2 11	2 19	0 51	20 24	1 26	18 38	1 16	20 53	1 27	4 34	2 12	20 9	0 54	3 12	2 13	39 15	15 9	16 44	17 15	4 38		n.a.
S 15	3 44	6 2	3 8	1 35	0 56	20 7	1 29	18 26	1 16	20 51	1 27	4 31	2 12	20 9	0 54	3 13	2 13	39 16	15 9	16 45	17 16	4 40		n.a.
S 16	3 20	1 52	3 55	0 52	1 2	19 50	1 32	18 13	1 16	20 48	1 27	4 28	2 12	20 9	0 54	3 13	2 13	39 16	15 10	16 47	17 17	4 42		n.a.
M17	2 55	2n21	4 32	0 8	1 8	19 33	1 34	18 0	1 16	20 45	1 28	4 25	2 12	20 10	0 54	3 14	2 13	39 17	15 10	16 49	17 18	4 44		n.a.
T 18	2 30	6 27	4 56	0s36	1 13	19 15	1 36	17 48	1 16	20 43	1 28	4 22	2 12	20 10	0 54	3 15	2 13	39 17	15 11	16 51	17 19	4 47		n.a.
W19	2 5	10 18	5 8	1 20	1 18	18 56	1 39	17 35	1 16	20 40	1 28	4 20	2 12	20 10	0 54	3 15	2 13	39 18	15 11	16 54	17 20	4 49		n.a.
T 20	1 40	13 46	5 7	2 4	1 23	18 36	1 41	17 22	1 16	20 38	1 28	4 17	2 12	20 11	0 54	3 16	2 13	39 19	15 12	16 55	17 21	4 51		n.a.
F 21	1 15	16 42	4 52	2 48	1 28	18 17	1 43	17 8	1 16	20 35	1 28	4 14	2 12	20 11	0 54	3 17	2 13	39 19	15 12	16 57	17 22	4 53		n.a.
S 22	0 50	18 57	4 25	3 31	1 33	17 56	1 45	16 55	1 16	20 33	1 29	4 11	2 12	20 11	0 54	3 18	2 13	39 20	15 13	16 58	17 23	4 56		n.a.
S 23	0 25	20 22	3 44	4 15	1 37	17 35	1 46	16 41	1 15	20 30	1 29	4 8	2 12	20 12	0 54	3 18	2 13	39 20	15 13	16 58	17 24	4 58		n.a.
M24	0s 1	20 49	2 52	4 58	1 42	17 14	1 48	16 28	1 15	20 28	1 29	4 5	2 12	20 12	0 54	3 19	2 13	39 21	15 14	16 58	17 25	5 0		n.a.
T 25	0 26	20 9	1 49	5 41	1 46	16 52	1 50	16 14	1 15	20 25	1 29	4 2	2 12	20 12	0 54	3 20	2 13	39 21	15 14	16 57	17 25	5 2		n.a.
W26	0 51	18 21	0 39	6 23	1 49	16 29	1 51	16 0	1 15	20 23	1 30	4 0	2 12	20 12	0 54	3 20	2 13	39 22	15 15	16 57	17 26	5 5		n.a.
T 27	1 16	15 24	0n36	7 5	1 53	16 6	1 52	15 46	1 15	20 20	1 30	3 57	2 11	20 13	0 54	3 21	2 13	39 22	15 16	16 57	17 27	5 7		n.a.
F 28	1 41	11 26	1 52	7 46	1 56	15 43	1 54	15 32	1 15	20 18	1 30	3 54	2 11	20 13	0 54	3 22	2 13	39 23	15 16	16 58	17 28	5 9		n.a.
S 29	2 6	6 39	3 1	8 27	1 58	15 19	1 55	15 17	1 15	20 15	1 30	3 51	2 11	20 13	0 54	3 22	2 13	39 23	15 17	16 59	17 29	5 11		n.a.
S 30	2 31	1 22	4 0	9 8	2 0	14 54	1 56	15 3	1 14	20 13	1 30	3 48	2 11	20 13	0 53	3 23	2 13	39 24	15 17	17 1	17 30	5 14		n.a.
M31	2s56	4s 3	4n41	9s47	2s 2	14n30	1n57	14n48	1n14	20n10	1n31	3n45	2n12	20s13	0s53	3s24	2s13	39n25	15n18	17n 3	17n31	5n16		n.a.

Julian Day Number = 187646.5, Delta T = 32h34m00s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'41, Lahiri = -61°38'40 Julian Calendar 1 Oct. 4200 BCE == Greg. Calendar 29 Aug. 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

NOVEMBER 4200 BCE (-4199) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 31 19	8♎12'43	6♏ 7	21♎18	28♌44	25♌26	8♌24	25♍49	5°R45	26°R36	0♋42	13°R58	12♌30	24♈44	n.a.	T 1
W 2	0 35 16	9°14'06	21° 7	22°54	29°57	26° 8	8°33	25°56	5♒44	26♓34	0°42	13♌50	12°27	24°51	n.a.	W 2
T 3	0 39 13	10°15'30	5♐47	24°30	1♍10	26°50	8°43	26° 3	5°43	26°32	0°43	13°43	12°24	24°58	n.a.	T 3
F 4	0 43 9	11°16'52	20° 0	26° 5	2°23	27°32	8°52	26° 9	5°43	26°31	0°43	13°39	12°20	25° 4	n.a.	F 4
S 5	0 47 6	12°18'14	3♑45	27°39	3°35	28°14	9° 1	26°16	5°42	26°29	0°R43	13°37	12°17	25°11	n.a.	S 5
S 6	0 51 2	13°19'34	17° 3	29°12	4°48	28°57	9°10	26°23	5°42	26°27	0°43	13°D37	12°14	25°18	n.a.	S 6
M 7	0 54 59	14°20'54	29°59	0♏44	6° 1	29°39	9°19	26°30	5°41	26°26	0°42	13°37	12°11	25°25	n.a.	M 7
T 8	0 58 56	15°22'13	12♒34	2°14	7°14	0♍21	9°28	26°37	5°41	26°24	0°42	13°R38	12° 8	25°31	n.a.	T 8
W 9	1 2 52	16°23'30	24°55	3°42	8°28	1° 3	9°36	26°43	5°40	26°23	0°42	13°37	12° 4	25°38	n.a.	W 9
T 10	1 6 49	17°24'47	7♓ 5	5° 7	9°41	1°45	9°45	26°50	5°40	26°21	0°42	13°34	12° 1	25°45	n.a.	T 10
F 11	1 10 45	18°26'03	19° 7	6°30	10°54	2°28	9°53	26°57	5°40	26°20	0°42	13°29	11°58	25°51	n.a.	F 11
S 12	1 14 42	19°27'17	1♈ 4	7°49	12° 7	3°10	10° 2	27° 3	5°39	26°18	0°42	13°20	11°55	25°58	n.a.	S 12
S 13	1 18 38	20°28'31	12°58	9° 3	13°20	3°52	10°10	27°10	5°39	26°16	0°41	13° 9	11°52	26° 5	n.a.	S 13
M14	1 22 35	21°29'44	24°50	10°13	14°34	4°35	10°18	27°17	5°39	26°15	0°41	12°56	11°49	26°12	n.a.	M14
T 15	1 26 32	22°30'56	6♉43	11°18	15°47	5°17	10°26	27°23	5°39	26°13	0°41	12°42	11°45	26°18	n.a.	T 15
W16	1 30 28	23°32'07	18°37	12°16	17° 0	5°59	10°33	27°30	5°D39	26°12	0°40	12°29	11°42	26°25	n.a.	W16
T 17	1 34 25	24°33'17	0♊33	13° 7	18°14	6°42	10°41	27°36	5°39	26°10	0°40	12°16	11°39	26°32	n.a.	T 17
F 18	1 38 21	25°34'26	12°35	13°49	19°27	7°24	10°48	27°43	5°39	26° 9	0°40	12° 6	11°36	26°39	n.a.	F 18
S 19	1 42 18	26°35'34	24°44	14°23	20°40	8° 7	10°56	27°49	5°39	26° 8	0°39	11°59	11°33	26°45	n.a.	S 19
S 20	1 46 14	27°36'41	7♋ 3	14°47	21°54	8°49	11° 3	27°55	5°39	26° 6	0°39	11°55	11°29	26°52	n.a.	S 20
M21	1 50 11	28°37'48	19°38	15° 0	23° 7	9°32	11°10	28° 2	5°40	26° 5	0°38	11°53	11°26	26°59	n.a.	M21
T 22	1 54 8	29°38'53	2♌33	15°R 2	24°21	10°14	11°17	28° 8	5°40	26° 3	0°38	11°D53	11°23	27° 5	n.a.	T 22
W23	1 58 4	0♏39'58	15°50	14°53	25°34	10°57	11°24	28°14	5°40	26° 2	0°37	11°R53	11°20	27°12	n.a.	W23
T 24	2 2 1	1°41'01	29°35	14°33	26°48	11°40	11°30	28°21	5°41	26° 1	0°36	11°52	11°17	27°19	n.a.	T 24
F 25	2 5 57	2°42'03	13♍48	14° 1	28° 2	12°22	11°37	28°27	5°41	25°59	0°36	11°49	11°14	27°26	n.a.	F 25
S 26	2 9 54	3°43'04	28°29	13°19	29°15	13° 5	11°43	28°33	5°42	25°58	0°35	11°43	11°10	27°32	n.a.	S 26
S 27	2 13 50	4°44'04	13♎33	12°27	0♎29	13°47	11°49	28°39	5°42	25°57	0°34	11°35	11° 7	27°39	n.a.	S 27
M28	2 17 47	5°45'03	28°51	11°28	1°42	14°30	11°55	28°45	5°43	25°56	0°34	11°24	11° 4	27°46	n.a.	M28
T 29	2 21 44	6°46'00	14♏12	10°22	2°56	15°13	12° 1	28°51	5°43	25°54	0°33	11°12	11° 1	27°52	n.a.	T 29
W30	2 25 40	7♏46'56	29♏24	9♏11	4♎10	15♍56	12♌ 7	28♍57	5♒44	25♓53	0♋32	11♌ 1	10♌58	27♈59	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s21	9s11	5n 3	10s26	2s 4	14n 4	1n58	14n34	1n14	20n 8	1n31	3n43	2n12	20s14	0s53	3s24	2s12	39n25	15n18	17n 6	17n32	5n18		n.a.
W 2	3 46	13 41	5 3	11 4	2 5	13 39	1 59	14 19	1 14	20 6	1 31	3 40	2 12	20 14	0 53	3 25	2 12	39 26	15 19	17 8	17 33	5 20		n.a.
T 3	4 10	17 13	4 44	11 41	2 5	13 13	1 59	14 4	1 14	20 3	1 31	3 37	2 12	20 14	0 53	3 26	2 12	39 26	15 19	17 10	17 34	5 22		n.a.
F 4	4 35	19 37	4 7	12 16	2 5	12 46	2 0	13 49	1 14	20 1	1 32	3 34	2 12	20 14	0 53	3 26	2 12	39 27	15 20	17 12	17 35	5 25		n.a.
S 5	5 0	20 47	3 17	12 51	2 4	12 20	2 0	13 34	1 13	19 59	1 32	3 31	2 12	20 14	0 53	3 27	2 12	39 27	15 21	17 12	17 36	5 27		n.a.
S 6	5 24	20 43	2 17	13 24	2 2	11 53	2 1	13 18	1 13	19 57	1 32	3 29	2 12	20 14	0 53	3 28	2 12	39 28	15 21	17 12	17 37	5 29		n.a.
M 7	5 49	19 33	1 12	13 55	2 0	11 25	2 1	13 3	1 13	19 54	1 32	3 26	2 12	20 14	0 53	3 28	2 12	39 28	15 22	17 12	17 37	5 31		n.a.
T 8	6 13	17 25	0 6	14 25	1 57	10 57	2 1	12 47	1 13	19 52	1 33	3 23	2 12	20 14	0 53	3 29	2 12	39 29	15 22	17 12	17 38	5 34		n.a.
W 9	6 37	14 31	1s 0	14 52	1 53	10 29	2 1	12 32	1 13	19 50	1 33	3 21	2 12	20 14	0 53	3 30	2 12	39 29	15 23	17 12	17 39	5 36		n.a.
T 10	7 1	11 2	2 2	15 18	1 49	10 1	2 1	12 16	1 12	19 48	1 33	3 18	2 12	20 14	0 53	3 30	2 12	39 30	15 23	17 13	17 40	5 38		n.a.
F 11	7 25	7 8	2 57	15 41	1 43	9 32	2 1	12 0	1 12	19 46	1 33	3 15	2 12	20 15	0 53	3 31	2 12	39 31	15 24	17 15	17 41	5 40		n.a.
S 12	7 49	2 58	3 44	16 1	1 36	9 3	2 1	11 44	1 12	19 44	1 34	3 12	2 12	20 15	0 53	3 31	2 12	39 31	15 24	17 17	17 42	5 43		n.a.
S 13	8 13	1n16	4 21	16 19	1 29	8 34	2 0	11 28	1 12	19 42	1 34	3 10	2 12	20 15	0 53	3 32	2 12	39 32	15 25	17 21	17 43	5 45		n.a.
M14	8 37	5 27	4 47	16 34	1 20	8 5	2 0	11 12	1 11	19 40	1 34	3 7	2 12	20 15	0 53	3 33	2 12	39 32	15 25	17 24	17 44	5 47		n.a.
T 15	9 0	9 26	5 0	16 45	1 10	7 35	2 0	10 56	1 11	19 38	1 35	3 5	2 12	20 15	0 53	3 33	2 12	39 33	15 26	17 28	17 45	5 49		n.a.
W16	9 23	13 4	4 59	16 53	0 59	7 5	1 59	10 40	1 11	19 36	1 35	3 2	2 12	20 14	0 53	3 34	2 12	39 33	15 26	17 32	17 46	5 52		n.a.
T 17	9 46	16 11	4 46	16 57	0 46	6 35	1 58	10 23	1 11	19 34	1 35	2 59	2 12	20 14	0 53	3 34	2 12	39 34	15 27	17 36	17 47	5 54		n.a.
F 18	10 9	18 39	4 20	16 57	0 33	6 5	1 58	10 7	1 10	19 32	1 35	2 57	2 12	20 14	0 53	3 35	2 12	39 34	15 27	17 39	17 47	5 56		n.a.
S 19	10 32	20 18	3 42	16 53	0 18	5 35	1 57	9 50	1 10	19 31	1 36	2 54	2 12	20 14	0 53	3 35	2 12	39 35	15 28	17 41	17 48	5 58		n.a.
S 20	10 55	21 2	2 53	16 45	0 2	5 4	1 56	9 34	1 10	19 29	1 36	2 52	2 12	20 14	0 53	3 36	2 12	39 35	15 28	17 42	17 49	6 1		n.a.
M21	11 17	20 44	1 55	16 33	0n15	4 33	1 55	9 17	1 9	19 27	1 36	2 49	2 12	20 14	0 53	3 36	2 12	39 36	15 29	17 42	17 50	6 3		n.a.
T 22	11 40	19 21	0 49	16 17	0 33	4 2	1 54	9 0	1 9	19 25	1 37	2 47	2 12	20 14	0 52	3 37	2 12	39 36	15 29	17 43	17 51	6 5		n.a.
W23	12 2	16 52	0n21	15 56	0 52	3 31	1 53	8 43	1 9	19 24	1 37	2 44	2 12	20 14	0 52	3 37	2 12	39 37	15 30	17 43	17 52	6 7		n.a.
T 24	12 23	13 22	1 32	15 32	1 11	3 0	1 52	8 26	1 8	19 22	1 37	2 42	2 13	20 14	0 52	3 38	2 12	39 37	15 30	17 43	17 53	6 10		n.a.
F 25	12 45	9 0	2 40	15 4	1 30	2 29	1 50	8 9	1 8	19 21	1 37	2 39	2 13	20 14	0 52	3 38	2 12	39 38	15 31	17 44	17 54	6 12		n.a.
S 26	13 6	3 58	3 40	14 33	1 49	1 58	1 49	7 52	1 8	19 19	1 38	2 37	2 13	20 13	0 52	3 39	2 12	39 38	15 31	17 45	17 55	6 14		n.a.
S 27	13 28	1s26	4 26	13 59	2 8	1 26	1 48	7 35	1 7	19 18	1 38	2 34	2 13	20 13	0 52	3 39	2 11	39 39	15 32	17 48	17 56	6 16		n.a.
M28	13 49	6 49	4 53	13 23	2 26	0 55	1 46	7 18	1 7	19 16	1 38	2 32	2 13	20 13	0 52	3 40	2 11	39 39	15 32	17 51	17 56	6 19		n.a.
T 29	14 9	11 47	5 0	12 47	2 42	0 24	1 45	7 0	1 7	19 15	1 39	2 29	2 13	20 13	0 52	3 40	2 11	39 40	15 33	17 54	17 57	6 21		n.a.
W30	14s30	15s57	4n45	12s10	2n57	0s 8	1n43	6n43	1n 6	19n13	1n39	2n27	2n13	20s13	0s52	3s41	2s11	39n40	15n33	17n57	17n58	6n23		n.a.

Julian Day Number = 187677.5, Delta T = 32h33m56s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'37, Lahiri = -61°38'36 Julian Calendar 1 Nov. 4200 BCE == Greg. Calendar 29 Sept. 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4200 BCE
geocentric

DECEMBER 4200 BCE (-4199) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 37	8♏47'50	14♐18	7°R58	5♎23	16♍38	12♌12	29♍ 3	5♒45	25°R52	0°R31	10°R51	10♌55	28♈ 6	n.a.	T 1
F 2	2 33 33	9°48'43	28°45	6♏45	6°37	17°21	12°17	29° 9	5°46	25♓51	0♋30	10♌44	10°51	28°13	n.a.	F 2
S 3	2 37 30	10°49'33	12♑42	5°33	7°51	18° 4	12°23	29°15	5°46	25°50	0°29	10°40	10°48	28°19	n.a.	S 3
S 4	2 41 27	11°50'22	26° 9	4°26	9° 4	18°47	12°28	29°21	5°47	25°49	0°29	10°38	10°45	28°26	n.a.	S 4
M 5	2 45 23	12°51'08	9♒ 8	3°23	10°18	19°30	12°33	29°26	5°48	25°48	0°28	10°37	10°42	28°33	n.a.	M 5
T 6	2 49 20	13°51'53	21°45	2°27	11°32	20°12	12°37	29°32	5°49	25°47	0°27	10°37	10°39	28°40	n.a.	T 6
W 7	2 53 16	14°52'36	4♓ 3	1°37	12°45	20°55	12°42	29°38	5°50	25°46	0°26	10°36	10°35	28°46	n.a.	W 7
T 8	2 57 13	15°53'16	16° 8	0°56	13°59	21°38	12°46	29°43	5°51	25°45	0°25	10°33	10°32	28°53	n.a.	T 8
F 9	3 1 9	16°53'55	28° 5	0°22	15°13	22°21	12°50	29°49	5°53	25°44	0°24	10°27	10°29	29° 0	n.a.	F 9
S 10	3 5 6	17°54'32	9♈57	29♎57	16°27	23° 4	12°54	29°54	5°54	25°43	0°23	10°18	10°26	29° 6	n.a.	S 10
S 11	3 9 2	18°55'06	21°48	29°40	17°40	23°47	12°58	29°59	5°55	25°42	0°21	10° 7	10°23	29°13	n.a.	S 11
M12	3 12 59	19°55'39	3♉40	29°30	18°54	24°30	13° 2	0♎ 5	5°56	25°41	0°20	9°53	10°20	29°20	n.a.	M12
T 13	3 16 56	20°56'10	15°35	29°D28	20° 8	25°13	13° 5	0°10	5°58	25°40	0°19	9°39	10°16	29°27	n.a.	T 13
W14	3 20 52	21°56'38	27°34	29°32	21°21	25°56	13° 9	0°15	5°59	25°39	0°18	9°25	10°13	29°33	n.a.	W14
T 15	3 24 49	22°57'05	9♊38	29°44	22°35	26°39	13°12	0°20	6° 1	25°39	0°17	9°12	10°10	29°40	n.a.	T 15
F 16	3 28 45	23°57'31	21°48	0♏ 1	23°49	27°22	13°15	0°25	6° 2	25°38	0°16	9° 1	10° 7	29°47	n.a.	F 16
S 17	3 32 42	24°57'54	4♋ 7	0°24	25° 2	28° 5	13°17	0°30	6° 4	25°37	0°14	8°53	10° 4	29°53	n.a.	S 17
S 18	3 36 38	25°58'16	16°35	0°52	26°16	28°48	13°20	0°35	6° 5	25°36	0°13	8°49	10° 1	0♉ 0	n.a.	S 18
M19	3 40 35	26°58'35	29°15	1°26	27°30	29°31	13°22	0°40	6° 7	25°36	0°12	8°47	9°57	0° 7	n.a.	M19
T 20	3 44 32	27°58'53	12♌11	2° 4	28°43	0♎14	13°25	0°45	6° 9	25°35	0°11	8°D46	9°54	0°14	n.a.	T 20
W21	3 48 28	28°59'09	25°26	2°46	29°57	0°57	13°27	0°50	6°10	25°34	0° 9	8°R47	9°51	0°20	n.a.	W21
T 22	3 52 25	29°59'24	9♍ 2	3°31	1♏11	1°40	13°28	0°54	6°12	25°34	0° 8	8°46	9°48	0°27	n.a.	T 22
F 23	3 56 21	0♐59'36	23° 2	4°21	2°24	2°24	13°30	0°59	6°14	25°33	0° 7	8°44	9°45	0°34	n.a.	F 23
S 24	4 0 18	1°59'47	7♎26	5°14	3°38	3° 7	13°32	1° 4	6°16	25°33	0° 5	8°40	9°41	0°41	n.a.	S 24
S 25	4 4 14	2°59'56	22°12	6° 9	4°52	3°50	13°33	1° 8	6°18	25°32	0° 4	8°33	9°38	0°47	n.a.	S 25
M26	4 8 11	4° 0'03	7♏12	7° 8	6° 5	4°33	13°34	1°12	6°20	25°32	0° 3	8°24	9°35	0°54	n.a.	M26
T 27	4 12 7	5° 0'08	22°20	8° 9	7°19	5°16	13°35	1°17	6°22	25°32	0° 1	8°14	9°32	1° 1	n.a.	T 27
W28	4 16 4	6° 0'11	7♐25	9°13	8°33	6° 0	13°36	1°21	6°24	25°31	29♊59	8° 5	9°29	1° 7	n.a.	W28
T 29	4 20 1	7° 0'12	22°16	10°19	9°46	6°43	13°36	1°25	6°26	25°31	29°58	7°56	9°26	1°14	n.a.	T 29
F 30	4 23 57	8° 0'11	6♑46	11°27	11° 0	7°26	13°36	1°29	6°28	25°31	29°57	7°50	9°22	1°21	n.a.	F 30
S 31	4 27 54	9♐ 0'07	20♑49	12♏38	12♏14	8♎ 9	13°R37	1♎33	6♒30	25♓30	29♊55	7♌47	9♌19	1♉28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	14s50	19s 0	4n11	11s34	3n10	0s39	1n41	6n25	1n 6	19n12	1n39	2n25	2n13	20s12	0s52	3s41	2s11	39n41	15n34	18n 0	17n59	6n25			n.a.
F 2	15 10	20 45	3 22	11 0	3 21	1 11	1 40	6 8	1 5	19 11	1 40	2 22	2 13	20 12	0 52	3 42	2 11	39 41	15 34	18 2	18 0	6 28			n.a.
S 3	15 29	21 8	2 22	10 28	3 30	1 43	1 38	5 50	1 5	19 10	1 40	2 20	2 13	20 12	0 52	3 42	2 11	39 42	15 35	18 3	18 1	6 30			n.a.
S 4	15 49	20 17	1 16	9 59	3 36	2 14	1 36	5 33	1 5	19 8	1 40	2 18	2 13	20 12	0 52	3 42	2 11	39 42	15 35	18 4	18 2	6 32			n.a.
M 5	16 8	18 21	0 8	9 33	3 40	2 45	1 34	5 15	1 4	19 7	1 41	2 16	2 14	20 11	0 52	3 43	2 11	39 42	15 36	18 4	18 3	6 34			n.a.
T 6	16 27	15 34	0s58	9 12	3 42	3 17	1 32	4 57	1 4	19 6	1 41	2 13	2 14	20 11	0 52	3 43	2 11	39 43	15 36	18 4	18 4	6 37			n.a.
W 7	16 45	12 10	2 0	8 55	3 42	3 48	1 30	4 40	1 3	19 5	1 41	2 11	2 14	20 11	0 52	3 43	2 11	39 43	15 36	18 4	18 4	6 39			n.a.
T 8	17 3	8 18	2 56	8 42	3 40	4 19	1 28	4 22	1 3	19 4	1 42	2 9	2 14	20 10	0 52	3 44	2 11	39 44	15 37	18 5	18 5	6 41			n.a.
F 9	17 21	4 10	3 43	8 33	3 37	4 51	1 26	4 4	1 2	19 3	1 42	2 7	2 14	20 10	0 52	3 44	2 11	39 44	15 37	18 7	18 6	6 43			n.a.
S 10	17 39	0n 5	4 19	8 28	3 32	5 22	1 24	3 46	1 2	19 3	1 42	2 5	2 14	20 10	0 52	3 44	2 11	39 45	15 38	18 9	18 7	6 46			n.a.
S 11	17 56	4 20	4 45	8 28	3 26	5 53	1 21	3 28	1 1	19 2	1 43	2 3	2 14	20 9	0 52	3 45	2 11	39 45	15 38	18 12	18 8	6 48			n.a.
M12	18 13	8 26	4 58	8 31	3 19	6 23	1 19	3 10	1 1	19 1	1 43	2 1	2 14	20 9	0 52	3 45	2 11	39 45	15 39	18 16	18 9	6 50			n.a.
T 13	18 30	12 13	4 58	8 37	3 11	6 54	1 17	2 52	1 0	19 0	1 43	1 59	2 14	20 9	0 52	3 45	2 11	39 46	15 39	18 20	18 10	6 52			n.a.
W14	18 46	15 33	4 45	8 47	3 3	7 25	1 15	2 34	1 0	19 0	1 44	1 57	2 15	20 8	0 52	3 46	2 10	39 46	15 39	18 24	18 11	6 55			n.a.
T 15	19 2	18 15	4 19	8 59	2 54	7 55	1 12	2 16	0 59	18 59	1 44	1 55	2 15	20 8	0 51	3 46	2 10	39 47	15 40	18 28	18 12	6 57			n.a.
F 16	19 17	20 10	3 41	9 14	2 44	8 25	1 10	1 58	0 59	18 58	1 44	1 53	2 15	20 7	0 51	3 46	2 10	39 47	15 40	18 31	18 12	6 59			n.a.
S 17	19 33	21 10	2 53	9 31	2 35	8 55	1 7	1 40	0 58	18 58	1 45	1 51	2 15	20 7	0 51	3 46	2 10	39 47	15 40	18 33	18 13	7 1			n.a.
S 18	19 47	21 9	1 55	9 51	2 25	9 25	1 5	1 22	0 58	18 58	1 45	1 49	2 15	20 6	0 51	3 46	2 10	39 48	15 41	18 34	18 14	7 4			n.a.
M19	20 2	20 4	0 50	10 12	2 15	9 54	1 2	1 4	0 57	18 57	1 45	1 47	2 15	20 6	0 51	3 47	2 10	39 48	15 41	18 34	18 15	7 6			n.a.
T 20	20 16	17 55	0n18	10 35	2 4	10 24	1 0	0 46	0 57	18 57	1 46	1 45	2 15	20 5	0 51	3 47	2 10	39 48	15 41	18 35	18 16	7 8			n.a.
W21	20 30	14 46	1 27	10 59	1 54	10 53	0 57	0 28	0 56	18 57	1 46	1 43	2 16	20 5	0 51	3 47	2 10	39 49	15 42	18 34	18 17	7 10			n.a.
T 22	20 43	10 46	2 34	11 25	1 44	11 22	0 55	0 10	0 56	18 56	1 46	1 42	2 16	20 4	0 51	3 47	2 10	39 49	15 42	18 34	18 18	7 12			n.a.
F 23	20 56	6 4	3 32	11 52	1 34	11 50	0 52	0s 8	0 55	18 56	1 47	1 40	2 16	20 4	0 51	3 47	2 10	39 49	15 42	18 35	18 19	7 15			n.a.
S 24	21 9	0 55	4 20	12 19	1 23	12 18	0 50	0 27	0 54	18 56	1 47	1 38	2 16	20 3	0 51	3 47	2 10	39 50	15 43	18 36	18 19	7 17			n.a.
S 25	21 21	4s24	4 51	12 48	1 13	12 46	0 47	0 45	0 54	18 56	1 47	1 36	2 16	20 3	0 51	3 48	2 10	39 50	15 43	18 38	18 20	7 19			n.a.
M26	21 32	9 32	5 3	13 17	1 3	13 14	0 44	1 3	0 53	18 56	1 48	1 35	2 16	20 2	0 51	3 48	2 10	39 50	15 43	18 40	18 21	7 21			n.a.
T 27	21 44	14 8	4 54	13 47	0 53	13 41	0 42	1 21	0 52	18 56	1 48	1 33	2 16	20 2	0 51	3 48	2 9	39 51	15 44	18 43	18 22	7 24			n.a.
W28	21 55	17 49	4 25	14 17	0 44	14 8	0 39	1 39	0 52	18 56	1 48	1 32	2 17	20 1	0 51	3 48	2 9	39 51	15 44	18 46	18 23	7 26			n.a.
T 29	22 5	20 15	3 38	14 47	0 34	14 35	0 36	1 58	0 51	18 56	1 49	1 30	2 17	20 1	0 51	3 48	2 9	39 51	15 44	18 48	18 24	7 28			n.a.
F 30	22 15	21 19	2 38	15 18	0 25	15 1	0 34	2 16	0 50	18 57	1 49	1 29	2 17	20 0	0 51	3 48	2 9	39 51	15 44	18 49	18 25	7 30			n.a.
S 31	22s25	20s59	1n29	15s49	0n16	15s27	0n31	2s34	0n50	18n57	1n49	1n27	2n17	20s 0	0s51	3s48	2s 9	39n52	15n45	18n50	18n26	7n33			n.a.

Julian Day Number = 187707.5, Delta T = 32h33m53s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'33, Lahiri = -61°38'32 Julian Calendar 1 Dec. 4200 BCE == Greg. Calendar 29 Oct. 4200 BCE

The year -4199 astronomical counting style corresponds to year 4200 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

JANUARY 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 31 50	10♐ 0'00	4♒23	13♏50	13♏27	8♎52	13°R37	1♎37	6♒32	25°R30	29°R54	7°D45	9♌16	1♉34	n.a.	S 1
M 2	4 35 47	10°59'52	17°30	15° 4	14°41	9°36	13♌36	1°41	6°34	25♓30	29♊52	7♌45	9°13	1°41	n.a.	M 2
T 3	4 39 43	11°59'41	0♓12	16°20	15°55	10°19	13°36	1°45	6°37	25°30	29°51	7°46	9°10	1°48	n.a.	T 3
W 4	4 43 40	12°59'27	12°34	17°37	17° 8	11° 2	13°35	1°48	6°39	25°30	29°49	7°R47	9° 6	1°55	n.a.	W 4
T 5	4 47 36	13°59'10	24°42	18°56	18°22	11°46	13°34	1°52	6°41	25°30	29°48	7°46	9° 3	2° 1	n.a.	T 5
F 6	4 51 33	14°58'52	6♈39	20°17	19°35	12°29	13°33	1°55	6°44	25°30	29°46	7°44	9° 0	2° 8	n.a.	F 6
S 7	4 55 29	15°58'30	18°31	21°39	20°49	13°12	13°32	1°59	6°46	25°D30	29°45	7°39	8°57	2°15	n.a.	S 7
S 8	4 59 26	16°58'06	0♉22	23° 3	22° 2	13°55	13°31	2° 2	6°49	25°30	29°43	7°32	8°54	2°21	n.a.	S 8
M 9	5 3 23	17°57'40	12°15	24°28	23°16	14°39	13°29	2° 6	6°51	25°30	29°42	7°23	8°51	2°28	n.a.	M 9
T 10	5 7 19	18°57'11	24°14	25°54	24°30	15°22	13°28	2° 9	6°54	25°30	29°40	7°14	8°47	2°35	n.a.	T 10
W11	5 11 16	19°56'40	6♊20	27°22	25°43	16° 5	13°26	2°12	6°56	25°30	29°38	7° 5	8°44	2°42	n.a.	W11
T 12	5 15 12	20°56'07	18°34	28°51	26°57	16°49	13°24	2°15	6°59	25°30	29°37	6°56	8°41	2°48	n.a.	T 12
F 13	5 19 9	21°55'31	0♋58	0♐22	28°10	17°32	13°21	2°18	7° 1	25°30	29°35	6°50	8°38	2°55	n.a.	F 13
S 14	5 23 5	22°54'53	13°32	1°54	29°24	18°15	13°19	2°21	7° 4	25°30	29°34	6°45	8°35	3° 2	n.a.	S 14
S 15	5 27 2	23°54'13	26°16	3°27	0♐37	18°59	13°16	2°23	7° 7	25°31	29°32	6°43	8°32	3° 8	n.a.	S 15
M16	5 30 58	24°53'31	9♌13	5° 1	1°51	19°42	13°13	2°26	7° 9	25°31	29°31	6°D42	8°28	3°15	n.a.	M16
T 17	5 34 55	25°52'46	22°22	6°37	3° 4	20°25	13°10	2°29	7°12	25°31	29°29	6°43	8°25	3°22	n.a.	T 17
W18	5 38 51	26°52'00	5♍46	8°14	4°18	21° 9	13° 7	2°31	7°15	25°32	29°27	6°44	8°22	3°29	n.a.	W18
T 19	5 42 48	27°51'11	19°25	9°53	5°31	21°52	13° 4	2°33	7°18	25°32	29°26	6°45	8°19	3°35	n.a.	T 19
F 20	5 46 44	28°50'21	3♎21	11°32	6°45	22°35	13° 0	2°36	7°21	25°32	29°24	6°R46	8°16	3°42	n.a.	F 20
S 21	5 50 41	29°49'28	17°33	13°13	7°58	23°19	12°57	2°38	7°23	25°33	29°22	6°44	8°12	3°49	n.a.	S 21
S 22	5 54 38	0♑48'33	1♏59	14°56	9°12	24° 2	12°53	2°40	7°26	25°33	29°21	6°42	8° 9	3°56	n.a.	S 22
M23	5 58 34	1°47'37	16°36	16°40	10°25	24°46	12°49	2°42	7°29	25°34	29°19	6°37	8° 6	4° 2	n.a.	M23
T 24	6 2 31	2°46'38	1♐18	18°25	11°39	25°29	12°45	2°44	7°32	25°34	29°18	6°32	8° 3	4° 9	n.a.	T 24
W25	6 6 27	3°45'38	15°59	20°11	12°52	26°12	12°40	2°46	7°35	25°35	29°16	6°27	8° 0	4°16	n.a.	W25
T 26	6 10 24	4°44'35	0♑30	21°59	14° 6	26°56	12°36	2°47	7°38	25°36	29°14	6°23	7°57	4°22	n.a.	T 26
F 27	6 14 20	5°43'30	14°46	23°48	15°19	27°39	12°31	2°49	7°41	25°36	29°13	6°20	7°53	4°29	n.a.	F 27
S 28	6 18 17	6°42'23	28°42	25°39	16°33	28°22	12°26	2°51	7°44	25°37	29°11	6°19	7°50	4°36	n.a.	S 28
S 29	6 22 13	7°41'13	12♒14	27°31	17°46	29° 6	12°21	2°52	7°47	25°38	29°10	6°D18	7°47	4°43	n.a.	S 29
M30	6 26 10	8°40'01	25°22	29°24	19° 0	29°49	12°16	2°53	7°50	25°38	29° 8	6°19	7°44	4°49	n.a.	M30
T 31	6 30 6	9♑38'46	8♓ 8	1♑19	20♐13	0♏32	12♌11	2♎55	7♒53	25♓39	29♊ 6	6♌21	7♌41	4♉56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	22s34	19s25	0n18	16s20	0n 7	15s52	0n28	2s52	0n49	18n57	1n50	1n26	2n17	19s59	0s51	3s48	2s 9	39n52	15n45	18n51	18n26	7n35			n.a.
M 2	22 43	16 51	0s52	16 51	0s 2	16 18	0 25	3 10	0 48	18 58	1 50	1 24	2 17	19 58	0 51	3 48	2 9	39 52	15 45	18 51	18 27	7 37			n.a.
T 3	22 52	13 32	1 57	17 21	0 10	16 42	0 23	3 28	0 48	18 58	1 50	1 23	2 18	19 58	0 51	3 48	2 9	39 52	15 45	18 50	18 28	7 39			n.a.
W 4	23 0	9 43	2 55	17 52	0 19	17 6	0 20	3 46	0 47	18 59	1 51	1 21	2 18	19 57	0 51	3 48	2 9	39 53	15 46	18 50	18 29	7 42			n.a.
T 5	23 7	5 35	3 44	18 22	0 27	17 30	0 17	4 4	0 46	18 59	1 51	1 20	2 18	19 56	0 51	3 48	2 9	39 53	15 46	18 51	18 30	7 44			n.a.
F 6	23 14	1 18	4 23	18 52	0 35	17 53	0 15	4 22	0 45	19 0	1 51	1 19	2 18	19 56	0 51	3 48	2 9	39 53	15 46	18 51	18 31	7 46			n.a.
S 7	23 21	3n 0	4 50	19 22	0 42	18 16	0 12	4 40	0 45	19 0	1 52	1 18	2 18	19 55	0 51	3 48	2 9	39 53	15 46	18 53	18 32	7 48			n.a.
S 8	23 27	7 11	5 4	19 51	0 49	18 39	0 9	4 58	0 44	19 1	1 52	1 16	2 18	19 54	0 51	3 48	2 9	39 53	15 46	18 54	18 32	7 51			n.a.
M 9	23 33	11 7	5 5	20 19	0 56	19 0	0 7	5 16	0 43	19 2	1 52	1 15	2 19	19 54	0 51	3 48	2 8	39 53	15 47	18 57	18 33	7 53			n.a.
T 10	23 38	14 38	4 53	20 47	1 3	19 22	0 4	5 34	0 42	19 3	1 53	1 14	2 19	19 53	0 51	3 48	2 8	39 54	15 47	18 59	18 34	7 55			n.a.
W11	23 43	17 35	4 28	21 15	1 9	19 43	0 1	5 52	0 42	19 4	1 53	1 13	2 19	19 52	0 50	3 47	2 8	39 54	15 47	19 1	18 35	7 57			n.a.
T 12	23 48	19 47	3 50	21 41	1 15	20 3	0s 1	6 10	0 41	19 4	1 53	1 12	2 19	19 52	0 50	3 47	2 8	39 54	15 47	19 4	18 36	8 0			n.a.
F 13	23 51	21 6	3 1	22 7	1 21	20 23	0 4	6 28	0 40	19 5	1 54	1 11	2 19	19 51	0 50	3 47	2 8	39 54	15 47	19 5	18 37	8 2			n.a.
S 14	23 55	21 23	2 2	22 32	1 26	20 42	0 7	6 45	0 39	19 6	1 54	1 10	2 20	19 50	0 50	3 47	2 8	39 54	15 47	19 7	18 38	8 4			n.a.
S 15	23 58	20 34	0 56	22 56	1 31	21 0	0 9	7 3	0 38	19 8	1 54	1 9	2 20	19 50	0 50	3 47	2 8	39 54	15 47	19 7	18 38	8 6			n.a.
M16	24 1	18 40	0n14	23 18	1 36	21 18	0 12	7 21	0 37	19 9	1 55	1 8	2 20	19 49	0 50	3 47	2 8	39 54	15 48	19 7	18 39	8 9			n.a.
T 17	24 3	15 46	1 24	23 40	1 40	21 36	0 14	7 38	0 36	19 10	1 55	1 7	2 20	19 48	0 50	3 46	2 8	39 54	15 48	19 7	18 40	8 11			n.a.
W18	24 4	11 59	2 31	24 0	1 44	21 53	0 17	7 56	0 36	19 11	1 55	1 6	2 20	19 47	0 50	3 46	2 8	39 55	15 48	19 7	18 41	8 13			n.a.
T 19	24 6	7 31	3 31	24 20	1 47	22 9	0 19	8 13	0 35	19 12	1 55	1 6	2 21	19 47	0 50	3 46	2 8	39 55	15 48	19 6	18 42	8 15			n.a.
F 20	24 6	2 35	4 20	24 38	1 51	22 24	0 22	8 31	0 34	19 14	1 56	1 5	2 21	19 46	0 50	3 46	2 8	39 55	15 48	19 6	18 43	8 17			n.a.
S 21	24 7	2s34	4 54	24 54	1 53	22 39	0 24	8 48	0 33	19 15	1 56	1 4	2 21	19 45	0 50	3 46	2 8	39 55	15 48	19 7	18 44	8 20			n.a.
S 22	24 7	7 40	5 10	25 9	1 55	22 53	0 27	9 5	0 32	19 16	1 56	1 3	2 21	19 44	0 50	3 45	2 7	39 55	15 48	19 7	18 44	8 22			n.a.
M23	24 6	12 23	5 6	25 22	1 57	23 7	0 29	9 23	0 31	19 18	1 57	1 3	2 21	19 43	0 50	3 45	2 7	39 55	15 48	19 9	18 45	8 24			n.a.
T 24	24 5	16 23	4 43	25 34	1 59	23 20	0 31	9 40	0 30	19 19	1 57	1 2	2 21	19 43	0 50	3 45	2 7	39 55	15 48	19 10	18 46	8 26			n.a.
W25	24 3	19 22	4 1	25 44	2 0	23 32	0 34	9 57	0 29	19 21	1 57	1 2	2 22	19 42	0 50	3 44	2 7	39 55	15 48	19 11	18 47	8 29			n.a.
T 26	24 1	21 4	3 3	25 52	2 0	23 44	0 36	10 14	0 28	19 23	1 57	1 1	2 22	19 41	0 50	3 44	2 7	39 55	15 48	19 12	18 48	8 31			n.a.
F 27	23 59	21 22	1 55	25 58	2 0	23 55	0 38	10 31	0 27	19 24	1 58	1 1	2 22	19 40	0 50	3 44	2 7	39 55	15 48	19 13	18 49	8 33			n.a.
S 28	23 56	20 19	0 42	26 2	1 59	24 5	0 40	10 48	0 26	19 26	1 58	1 0	2 22	19 39	0 50	3 43	2 7	39 55	15 48	19 13	18 49	8 35			n.a.
S 29	23 53	18 8	0s32	26 4	1 58	24 14	0 42	11 4	0 25	19 28	1 58	1 0	2 22	19 38	0 50	3 43	2 7	39 55	15 48	19 13	18 50	8 38			n.a.
M30	23 49	15 2	1 43	26 3	1 56	24 23	0 45	11 21	0 24	19 29	1 58	0 59	2 23	19 38	0 50	3 43	2 7	39 55	15 48	19 13	18 51	8 40			n.a.
T 31	23s45	11s18	2s46	26s 1	1s54	24s31	0s47	11s38	0n23	19n31	1n59	0n59	2n23	19s37	0s50	3s42	2s 7	39n55	15n48	19n13	18n52	8n42			n.a.

Julian Day Number = 187738.5, Delta T = 32h33m50s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'29, Lahiri = -61°38'28 Julian Calendar 1 Jan. 4199 BCE == Greg. Calendar 29 Nov. 4200 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

FEBRUARY 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 34 3	10♉37'29	20♓35	3♉15	21♐27	1♏15	12°R 5	2♎56	7♒57	25♓40	29°R 5	6♌23	7♌38	5♉ 3	n.a.	W 1
T 2	6 37 59	11°36'09	2♈46	5°13	22°40	1°59	12♌ 0	2°57	8° 0	25°41	29♊ 3	6°24	7°34	5°10	n.a.	T 2
F 3	6 41 56	12°34'47	14°46	7°12	23°54	2°42	11°54	2°58	8° 3	25°42	29° 2	6°R24	7°31	5°16	n.a.	F 3
S 4	6 45 52	13°33'23	26°40	9°12	25° 7	3°25	11°48	2°59	8° 6	25°43	29° 0	6°23	7°28	5°23	n.a.	S 4
S 5	6 49 49	14°31'56	8♉33	11°13	26°20	4° 8	11°42	3° 0	8° 9	25°44	28°59	6°22	7°25	5°30	n.a.	S 5
M 6	6 53 46	15°30'26	20°28	13°16	27°34	4°52	11°36	3° 0	8°13	25°45	28°57	6°19	7°22	5°36	n.a.	M 6
T 7	6 57 42	16°28'55	2♊30	15°19	28°47	5°35	11°30	3° 1	8°16	25°46	28°56	6°16	7°18	5°43	n.a.	T 7
W 8	7 1 39	17°27'21	14°42	17°24	0♉ 1	6°18	11°24	3° 1	8°19	25°47	28°54	6°13	7°15	5°50	n.a.	W 8
T 9	7 5 35	18°25'44	27° 5	19°29	1°14	7° 1	11°17	3° 2	8°22	25°48	28°52	6°10	7°12	5°57	n.a.	T 9
F 10	7 9 32	19°24'06	9♋43	21°35	2°27	7°44	11°11	3° 2	8°26	25°49	28°51	6° 8	7° 9	6° 3	n.a.	F 10
S 11	7 13 28	20°22'25	22°34	23°41	3°41	8°27	11° 4	3° 2	8°29	25°50	28°50	6° 7	7° 6	6°10	n.a.	S 11
S 12	7 17 25	21°20'43	5♌40	25°48	4°54	9°10	10°57	3° 2	8°32	25°51	28°48	6°D 7	7° 3	6°17	n.a.	S 12
M13	7 21 21	22°18'58	19° 0	27°54	6° 8	9°54	10°51	3°R 2	8°36	25°52	28°47	6° 7	6°59	6°24	n.a.	M13
T 14	7 25 18	23°17'11	2♍33	0♒ 0	7°21	10°37	10°44	3° 2	8°39	25°53	28°45	6° 8	6°56	6°30	n.a.	T 14
W15	7 29 14	24°15'23	16°17	2° 6	8°35	11°20	10°37	3° 2	8°42	25°55	28°44	6° 9	6°53	6°37	n.a.	W15
T 16	7 33 11	25°13'33	0♎12	4°10	9°48	12° 3	10°30	3° 2	8°46	25°56	28°42	6°10	6°50	6°44	n.a.	T 16
F 17	7 37 7	26°11'41	14°16	6°13	11° 1	12°46	10°22	3° 1	8°49	25°57	28°41	6°10	6°47	6°50	n.a.	F 17
S 18	7 41 4	27° 9'47	28°26	8°15	12°15	13°29	10°15	3° 1	8°52	25°58	28°40	6°R10	6°44	6°57	n.a.	S 18
S 19	7 45 0	28° 7'52	12♏42	10°15	13°28	14°12	10° 8	3° 0	8°56	26° 0	28°38	6°10	6°40	7° 4	n.a.	S 19
M20	7 48 57	29° 5'55	26°59	12°12	14°42	14°55	10° 1	3° 0	8°59	26° 1	28°37	6°10	6°37	7°11	n.a.	M20
T 21	7 52 54	0♒ 3'56	11♐16	14° 7	15°55	15°37	9°53	2°59	9° 3	26° 3	28°35	6° 9	6°34	7°17	n.a.	T 21
W22	7 56 50	1° 1'56	25°28	16° 0	17° 9	16°20	9°46	2°58	9° 6	26° 4	28°34	6° 8	6°31	7°24	n.a.	W22
T 23	8 0 47	1°59'54	9♉32	17°49	18°22	17° 3	9°38	2°57	9° 9	26° 5	28°33	6° 8	6°28	7°31	n.a.	T 23
F 24	8 4 43	2°57'51	23°23	19°35	19°35	17°46	9°31	2°56	9°13	26° 7	28°32	6° 8	6°24	7°38	n.a.	F 24
S 25	8 8 40	3°55'46	6♒59	21°17	20°49	18°29	9°23	2°55	9°16	26° 8	28°30	6°D 8	6°21	7°44	n.a.	S 25
S 26	8 12 36	4°53'38	20°18	22°56	22° 2	19°11	9°16	2°54	9°20	26°10	28°29	6° 8	6°18	7°51	n.a.	S 26
M27	8 16 33	5°51'29	3♓18	24°31	23°16	19°54	9° 8	2°52	9°23	26°11	28°28	6°R 8	6°15	7°58	n.a.	M27
T 28	8 20 29	6♒49'18	16♓ 0	26♒ 2	24♉29	20♏37	9♌ 0	2♎51	9♒27	26♓13	28♊27	6♌ 8	6♌12	8♉ 4	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23 s40	7 s11	3 s40	25 s56	1 s51	24 s38	0 s49	11 s54	0n22	19n33	1n59	0n59	2n23	19 s36	0 s50	3 s42	2 s 7	39n55	15n48	19n12	18n53	8n44		n.a.
T 2	23 35	2 51	4 22	25 49	1 48	24 45	0 51	12 10	0 21	19 35	1 59	0 59	2 23	19 35	0 50	3 41	2 7	39 55	15 48	19 12	18 54	8 46		n.a.
F 3	23 30	1n30	4 52	25 39	1 44	24 51	0 53	12 27	0 20	19 37	1 59	0 58	2 23	19 34	0 50	3 41	2 7	39 55	15 48	19 12	18 54	8 49		n.a.
S 4	23 24	5 46	5 10	25 27	1 40	24 56	0 54	12 43	0 18	19 38	2 0	0 58	2 24	19 33	0 50	3 41	2 6	39 55	15 48	19 12	18 55	8 51		n.a.
S 5	23 18	9 48	5 14	25 12	1 34	25 0	0 56	12 59	0 17	19 40	2 0	0 58	2 24	19 32	0 50	3 40	2 6	39 54	15 48	19 13	18 56	8 53		n.a.
M 6	23 11	13 28	5 5	24 54	1 29	25 4	0 58	13 15	0 16	19 42	2 0	0 58	2 24	19 32	0 50	3 40	2 6	39 54	15 48	19 13	18 57	8 55		n.a.
T 7	23 4	16 38	4 42	24 34	1 22	25 6	1 0	13 31	0 15	19 44	2 0	0 58	2 24	19 31	0 50	3 39	2 6	39 54	15 48	19 14	18 58	8 58		n.a.
W 8	22 56	19 7	4 7	24 12	1 15	25 8	1 1	13 47	0 14	19 46	2 0	0 58	2 24	19 30	0 50	3 39	2 6	39 54	15 48	19 15	18 59	9 0		n.a.
T 9	22 48	20 46	3 19	23 46	1 8	25 10	1 3	14 2	0 13	19 48	2 1	0 58	2 25	19 29	0 50	3 38	2 6	39 54	15 47	19 15	18 59	9 2		n.a.
F 10	22 40	21 25	2 21	23 19	1 0	25 10	1 5	14 18	0 12	19 50	2 1	0 58	2 25	19 28	0 50	3 38	2 6	39 54	15 47	19 16	19 0	9 4		n.a.
S 11	22 31	20 57	1 14	22 49	0 51	25 10	1 6	14 33	0 10	19 52	2 1	0 58	2 25	19 27	0 50	3 37	2 6	39 54	15 47	19 16	19 1	9 7		n.a.
S 12	22 22	19 21	0 2	22 16	0 42	25 9	1 8	14 49	0 9	19 54	2 1	0 58	2 25	19 26	0 50	3 37	2 6	39 54	15 47	19 16	19 2	9 9		n.a.
M13	22 12	16 40	1n11	21 42	0 32	25 7	1 9	15 4	0 8	19 56	2 1	0 58	2 25	19 25	0 50	3 36	2 6	39 53	15 47	19 16	19 3	9 11		n.a.
T 14	22 2	13 2	2 21	21 5	0 22	25 5	1 10	15 19	0 7	19 59	2 1	0 59	2 26	19 24	0 50	3 36	2 6	39 53	15 47	19 16	19 4	9 13		n.a.
W15	21 52	8 41	3 24	20 26	0 12	25 1	1 12	15 34	0 5	20 1	2 1	0 59	2 26	19 23	0 50	3 35	2 6	39 53	15 47	19 16	19 4	9 15		n.a.
T 16	21 41	3 49	4 17	19 46	0 1	24 57	1 13	15 49	0 4	20 3	2 2	0 59	2 26	19 23	0 50	3 34	2 6	39 53	15 47	19 16	19 5	9 18		n.a.
F 17	21 30	1 s17	4 54	19 5	0n10	24 52	1 14	16 4	0 3	20 5	2 2	0 59	2 26	19 22	0 50	3 34	2 6	39 53	15 46	19 15	19 6	9 20		n.a.
S 18	21 19	6 21	5 14	18 22	0 21	24 47	1 15	16 18	0 2	20 7	2 2	1 0	2 26	19 21	0 50	3 33	2 5	39 53	15 46	19 15	19 7	9 22		n.a.
S 19	21 7	11 6	5 15	17 39	0 33	24 41	1 16	16 33	0 0	20 9	2 2	1 0	2 27	19 20	0 50	3 33	2 5	39 52	15 46	19 15	19 8	9 24		n.a.
M20	20 55	15 14	4 56	16 55	0 44	24 34	1 17	16 47	0 s 1	20 11	2 2	1 1	2 27	19 19	0 50	3 32	2 5	39 52	15 46	19 16	19 9	9 27		n.a.
T 21	20 42	18 29	4 19	16 10	0 56	24 26	1 18	17 1	0 2	20 14	2 2	1 1	2 27	19 18	0 50	3 31	2 5	39 52	15 46	19 16	19 9	9 29		n.a.
W22	20 29	20 35	3 27	15 26	1 7	24 17	1 19	17 15	0 4	20 16	2 2	1 2	2 27	19 17	0 50	3 31	2 5	39 52	15 45	19 16	19 10	9 31		n.a.
T 23	20 16	21 24	2 22	14 41	1 18	24 8	1 20	17 29	0 5	20 18	2 2	1 2	2 27	19 16	0 50	3 30	2 5	39 51	15 45	19 16	19 11	9 33		n.a.
F 24	20 3	20 52	1 10	13 57	1 29	23 58	1 21	17 43	0 6	20 20	2 2	1 3	2 27	19 15	0 50	3 29	2 5	39 51	15 45	19 16	19 12	9 35		n.a.
S 25	19 49	19 8	0 s 5	13 14	1 40	23 48	1 21	17 56	0 8	20 22	2 2	1 3	2 28	19 14	0 50	3 29	2 5	39 51	15 45	19 16	19 13	9 38		n.a.
S 26	19 35	16 21	1 18	12 32	1 50	23 36	1 22	18 10	0 9	20 24	2 2	1 4	2 28	19 13	0 50	3 28	2 5	39 51	15 44	19 16	19 13	9 40		n.a.
M27	19 20	12 49	2 25	11 51	2 0	23 24	1 23	18 23	0 11	20 26	2 2	1 5	2 28	19 12	0 50	3 27	2 5	39 50	15 44	19 16	19 14	9 42		n.a.
T 28	19 s 5	8 s47	3 s24	11 s11	2n 9	23 s12	1 s23	18 s36	0 s12	20n29	2n 3	1n 5	2n28	19 s11	0 s50	3 s27	2 s 5	39n50	15n44	19n16	19n15	9n44		n.a.

Julian Day Number = 187769.5, Delta T = 32h33m46s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'24, Lahiri = -61°38'24 Julian Calendar 1 Feb. 4199 BCE == Greg. Calendar 30 Dec. 4200 BCE

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

MARCH 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 24 26	7♒47'05	28♓26	27♒30	25♉43	21♏19	8°R53	2°R49	9♒30	26♓15	28°R26	6°R 8	6♌ 9	8♉11	n.a.	W 1
T 2	8 28 22	8°44'50	10♈39	28°53	26°56	22° 2	8♌45	2♎48	9°33	26°16	28♊24	6♌ 7	6° 5	8°18	n.a.	T 2
F 3	8 32 19	9°42'34	22°40	0♓12	28°10	22°44	8°37	2°46	9°37	26°18	28°23	6° 7	6° 2	8°25	n.a.	F 3
S 4	8 36 15	10°40'15	4♉35	1°26	29°23	23°27	8°30	2°44	9°40	26°20	28°22	6° 7	5°59	8°31	n.a.	S 4
S 5	8 40 12	11°37'55	16°29	2°37	0♒36	24° 9	8°22	2°42	9°44	26°21	28°21	6°D 7	5°56	8°38	n.a.	S 5
M 6	8 44 8	12°35'32	28°25	3°43	1°50	24°51	8°15	2°40	9°47	26°23	28°20	6° 7	5°53	8°45	n.a.	M 6
T 7	8 48 5	13°33'08	10♊28	4°44	3° 3	25°34	8° 7	2°38	9°51	26°25	28°19	6° 8	5°50	8°52	n.a.	T 7
W 8	8 52 2	14°30'42	22°43	5°41	4°17	26°16	7°59	2°36	9°54	26°26	28°18	6° 8	5°46	8°58	n.a.	W 8
T 9	8 55 58	15°28'15	5♋12	6°34	5°30	26°58	7°52	2°34	9°57	26°28	28°17	6° 9	5°43	9° 5	n.a.	T 9
F 10	8 59 55	16°25'45	17°59	7°22	6°44	27°40	7°44	2°32	10° 1	26°30	28°16	6°10	5°40	9°12	n.a.	F 10
S 11	9 3 51	17°23'15	1♌ 5	8° 5	7°57	28°22	7°37	2°29	10° 4	26°32	28°15	6°R10	5°37	9°18	n.a.	S 11
S 12	9 7 48	18°20'42	14°31	8°43	9°10	29° 4	7°30	2°27	10° 8	26°34	28°14	6°10	5°34	9°25	n.a.	S 12
M13	9 11 44	19°18'08	28°16	9°16	10°24	29°46	7°22	2°25	10°11	26°35	28°13	6°10	5°30	9°32	n.a.	M13
T 14	9 15 41	20°15'33	12♍15	9°45	11°37	0♐28	7°15	2°22	10°15	26°37	28°12	6° 8	5°27	9°39	n.a.	T 14
W15	9 19 37	21°12'56	26°27	10° 9	12°51	1°10	7° 8	2°19	10°18	26°39	28°12	6° 7	5°24	9°45	n.a.	W15
T 16	9 23 34	22°10'19	10♎47	10°28	14° 4	1°52	7° 0	2°17	10°21	26°41	28°11	6° 5	5°21	9°52	n.a.	T 16
F 17	9 27 30	23° 7'40	25° 9	10°42	15°18	2°33	6°53	2°14	10°25	26°43	28°10	6° 3	5°18	9°59	n.a.	F 17
S 18	9 31 27	24° 5'00	9♏30	10°51	16°31	3°15	6°46	2°11	10°28	26°45	28° 9	6° 2	5°15	10° 5	n.a.	S 18
S 19	9 35 24	25° 2'20	23°46	10°R55	17°45	3°57	6°39	2° 8	10°31	26°47	28° 9	6°D 1	5°11	10°12	n.a.	S 19
M20	9 39 20	25°59'38	7♐54	10°55	18°58	4°38	6°32	2° 5	10°35	26°49	28° 8	6° 1	5° 8	10°19	n.a.	M20
T 21	9 43 17	26°56'56	21°53	10°50	20°12	5°20	6°26	2° 2	10°38	26°51	28° 7	6° 2	5° 5	10°26	n.a.	T 21
W22	9 47 13	27°54'13	5♑42	10°40	21°25	6° 1	6°19	1°59	10°41	26°53	28° 7	6° 4	5° 2	10°32	n.a.	W22
T 23	9 51 10	28°51'29	19°19	10°27	22°39	6°42	6°12	1°55	10°45	26°55	28° 6	6° 5	4°59	10°39	n.a.	T 23
F 24	9 55 6	29°48'44	2♒43	10° 9	23°52	7°23	6° 6	1°52	10°48	26°57	28° 5	6°R 6	4°55	10°46	n.a.	F 24
S 25	9 59 3	0♓45'58	15°56	9°48	25° 6	8° 4	5°59	1°49	10°51	26°59	28° 5	6° 6	4°52	10°53	n.a.	S 25
S 26	10 2 59	1°43'12	28°54	9°23	26°19	8°45	5°53	1°45	10°55	27° 1	28° 4	6° 4	4°49	10°59	n.a.	S 26
M27	10 6 56	2°40'24	11♓40	8°56	27°33	9°26	5°47	1°42	10°58	27° 3	28° 4	6° 1	4°46	11° 6	n.a.	M27
T 28	10 10 53	3°37'35	24°12	8°26	28°47	10° 7	5°41	1°38	11° 1	27° 5	28° 3	5°57	4°43	11°13	n.a.	T 28
W29	10 14 49	4°34'45	6♈32	7°55	0♓ 0	10°48	5°35	1°35	11° 4	27° 7	28° 3	5°53	4°40	11°19	n.a.	W29
T 30	10 18 46	5°31'55	18°40	7°22	1°14	11°28	5°29	1°31	11° 8	27° 9	28° 3	5°48	4°36	11°26	n.a.	T 30
F 31	10 22 42	6♓29'03	0♉40	6♓48	2♓27	12♐ 9	5♌24	1♎27	11♒11	27♓11	28♊ 2	5♌43	4♌33	11♉33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	18s50	4s27	4s11	10s32	2n18	22s58	1s24	18s49	0s13	20n31	2n 3	1n 6	2n28	19s10	0s50	3s26	2s 5	39n50	15n44	19n16	19n16	9n46			n.a.
T 2	18 35	0 3	4 46	9 55	2 26	22 44	1 24	19 2	0 15	20 33	2 3	1 7	2 28	19 9	0 50	3 25	2 5	39 50	15 43	19 16	19 17	9 49			n.a.
F 3	18 19	4n18	5 8	9 20	2 33	22 29	1 24	19 14	0 16	20 35	2 3	1 8	2 29	19 8	0 50	3 25	2 5	39 49	15 43	19 16	19 18	9 51			n.a.
S 4	18 3	8 27	5 17	8 47	2 40	22 14	1 25	19 27	0 18	20 37	2 3	1 9	2 29	19 8	0 50	3 24	2 5	39 49	15 43	19 16	19 18	9 53			n.a.
S 5	17 47	12 16	5 12	8 15	2 46	21 58	1 25	19 39	0 19	20 39	2 3	1 10	2 29	19 7	0 50	3 23	2 5	39 49	15 43	19 16	19 19	9 55			n.a.
M 6	17 30	15 36	4 53	7 46	2 52	21 41	1 25	19 51	0 21	20 41	2 2	1 11	2 29	19 6	0 50	3 22	2 5	39 48	15 42	19 16	19 20	9 58			n.a.
T 7	17 13	18 20	4 22	7 19	2 56	21 24	1 25	20 3	0 22	20 43	2 2	1 12	2 29	19 5	0 50	3 22	2 4	39 48	15 42	19 16	19 21	10 0			n.a.
W 8	16 56	20 17	3 38	6 54	3 0	21 6	1 25	20 15	0 24	20 45	2 2	1 13	2 29	19 4	0 50	3 21	2 4	39 48	15 42	19 16	19 22	10 2			n.a.
T 9	16 39	21 17	2 43	6 32	3 3	20 48	1 25	20 27	0 25	20 47	2 2	1 14	2 30	19 3	0 50	3 20	2 4	39 48	15 41	19 16	19 22	10 4			n.a.
F 10	16 21	21 14	1 39	6 12	3 5	20 29	1 25	20 38	0 27	20 49	2 2	1 15	2 30	19 2	0 50	3 19	2 4	39 47	15 41	19 16	19 23	10 6			n.a.
S 11	16 3	20 1	0 28	5 55	3 6	20 9	1 25	20 49	0 29	20 51	2 2	1 16	2 30	19 1	0 50	3 18	2 4	39 47	15 41	19 15	19 24	10 9			n.a.
S 12	15 45	17 40	0n46	5 40	3 6	19 49	1 24	21 0	0 30	20 53	2 2	1 17	2 30	19 0	0 50	3 18	2 4	39 47	15 40	19 15	19 25	10 11			n.a.
M13	15 27	14 16	1 59	5 28	3 5	19 29	1 24	21 11	0 32	20 55	2 2	1 18	2 30	18 59	0 50	3 17	2 4	39 46	15 40	19 16	19 26	10 13			n.a.
T 14	15 8	10 1	3 6	5 19	3 3	19 7	1 24	21 22	0 33	20 56	2 2	1 19	2 30	18 58	0 50	3 16	2 4	39 46	15 40	19 16	19 26	10 15			n.a.
W15	14 50	5 9	4 3	5 13	3 0	18 46	1 23	21 33	0 35	20 58	2 2	1 20	2 30	18 57	0 50	3 15	2 4	39 45	15 39	19 16	19 27	10 17			n.a.
T 16	14 31	0s 2	4 45	5 9	2 56	18 23	1 23	21 43	0 37	21 0	2 2	1 22	2 31	18 56	0 50	3 14	2 4	39 45	15 39	19 17	19 28	10 20			n.a.
F 17	14 11	5 13	5 10	5 9	2 51	18 1	1 22	21 53	0 38	21 2	2 2	1 23	2 31	18 55	0 50	3 14	2 4	39 45	15 39	19 17	19 29	10 22			n.a.
S 18	13 52	10 6	5 15	5 11	2 44	17 37	1 22	22 3	0 40	21 4	2 2	1 24	2 31	18 54	0 50	3 13	2 4	39 44	15 38	19 18	19 30	10 24			n.a.
S 19	13 32	14 24	5 0	5 16	2 37	17 14	1 21	22 13	0 42	21 5	2 1	1 26	2 31	18 53	0 50	3 12	2 4	39 44	15 38	19 18	19 30	10 26			n.a.
M20	13 12	17 50	4 28	5 24	2 28	16 50	1 20	22 23	0 43	21 7	2 1	1 27	2 31	18 52	0 50	3 11	2 4	39 44	15 38	19 18	19 31	10 28			n.a.
T 21	12 52	20 12	3 40	5 35	2 18	16 25	1 20	22 32	0 45	21 9	2 1	1 28	2 31	18 52	0 50	3 10	2 4	39 43	15 37	19 17	19 32	10 31			n.a.
W22	12 32	21 20	2 40	5 49	2 8	16 0	1 19	22 41	0 47	21 10	2 1	1 30	2 31	18 51	0 50	3 9	2 4	39 43	15 37	19 17	19 33	10 33			n.a.
T 23	12 12	21 11	1 31	6 5	1 56	15 34	1 18	22 50	0 49	21 12	2 1	1 31	2 31	18 50	0 50	3 9	2 4	39 42	15 37	19 17	19 34	10 35			n.a.
F 24	11 51	19 48	0 19	6 23	1 43	15 9	1 17	22 59	0 50	21 13	2 1	1 33	2 31	18 49	0 50	3 8	2 4	39 42	15 36	19 17	19 34	10 37			n.a.
S 25	11 31	17 22	0s54	6 44	1 30	14 42	1 16	23 8	0 52	21 15	2 0	1 34	2 32	18 48	0 50	3 7	2 4	39 42	15 36	19 17	19 35	10 39			n.a.
S 26	11 10	14 5	2 2	7 7	1 15	14 16	1 15	23 16	0 54	21 16	2 0	1 35	2 32	18 47	0 50	3 6	2 4	39 41	15 35	19 17	19 36	10 42			n.a.
M27	10 49	10 11	3 3	7 31	1 0	13 49	1 14	23 24	0 56	21 18	2 0	1 37	2 32	18 46	0 50	3 5	2 4	39 41	15 35	19 18	19 37	10 44			n.a.
T 28	10 27	5 55	3 54	7 57	0 45	13 21	1 12	23 33	0 57	21 19	2 0	1 39	2 32	18 45	0 50	3 4	2 4	39 40	15 35	19 19	19 37	10 46			n.a.
W29	10 6	1 29	4 33	8 24	0 28	12 54	1 11	23 40	0 59	21 20	2 0	1 40	2 32	18 44	0 50	3 3	2 4	39 40	15 34	19 20	19 38	10 48			n.a.
T 30	9 45	2n56	4 58	8 52	0 12	12 26	1 10	23 48	1 1	21 22	1 59	1 42	2 32	18 43	0 50	3 2	2 3	39 40	15 34	19 21	19 39	10 50			n.a.
F 31	9s23	7n11	5s11	9s20	0s 5	11s57	1s 9	23s56	1s 3	21n23	1n59	1n43	2n32	18s42	0s50	3s 2	2s 3	39n39	15n33	19n22	19n40	10n52			n.a.

Julian Day Number = 187797.5, Delta T = 32h33m43s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'21, Lahiri = -61°38'20 Julian Calendar 1 March 4199 BCE == Greg. Calendar 27 Jan. 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

APRIL 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 26 39	7♓26'10	12♉35	6°R15	3♓41	12♐49	5°R18	1°R23	11♒14	27♓13	28°R 2	5°R40	4♌30	11♉40	n.a.	S 1
S 2	10 30 35	8°23'16	24°27	5♓41	4°54	13°29	5♌13	1♎20	11°17	27°16	28♊ 2	5♌37	4°27	11°46	n.a.	S 2
M 3	10 34 32	9°20'22	6♊22	5° 9	6° 8	14°10	5° 7	1°16	11°20	27°18	28° 1	5°D36	4°24	11°53	n.a.	M 3
T 4	10 38 28	10°17'26	18°24	4°38	7°21	14°50	5° 2	1°12	11°23	27°20	28° 1	5°36	4°21	12° 0	n.a.	T 4
W 5	10 42 25	11°14'29	0♋38	4° 9	8°35	15°30	4°57	1° 8	11°26	27°22	28° 1	5°38	4°17	12° 7	n.a.	W 5
T 6	10 46 22	12°11'32	13° 8	3°43	9°49	16° 9	4°52	1° 4	11°30	27°24	28° 1	5°39	4°14	12°13	n.a.	T 6
F 7	10 50 18	13° 8'34	25°59	3°19	11° 2	16°49	4°48	1° 0	11°33	27°26	28° 0	5°41	4°11	12°20	n.a.	F 7
S 8	10 54 15	14° 5'35	9♌13	2°59	12°16	17°29	4°43	0°56	11°36	27°29	28° 0	5°R41	4° 8	12°27	n.a.	S 8
S 9	10 58 11	15° 2'35	22°52	2°43	13°29	18° 8	4°39	0°52	11°39	27°31	28° 0	5°40	4° 5	12°33	n.a.	S 9
M10	11 2 8	15°59'34	6♍54	2°30	14°43	18°48	4°35	0°48	11°42	27°33	28° 0	5°37	4° 1	12°40	n.a.	M10
T 11	11 6 4	16°56'33	21°18	2°22	15°57	19°27	4°31	0°43	11°45	27°35	28°D 0	5°32	3°58	12°47	n.a.	T 11
W12	11 10 1	17°53'32	5♎56	2°D18	17°10	20° 6	4°27	0°39	11°47	27°37	28° 0	5°26	3°55	12°54	n.a.	W12
T 13	11 13 58	18°50'30	20°43	2°18	18°24	20°45	4°23	0°35	11°50	27°40	28° 0	5°20	3°52	13° 0	n.a.	T 13
F 14	11 17 54	19°47'28	5♏29	2°23	19°37	21°24	4°19	0°31	11°53	27°42	28° 0	5°14	3°49	13° 7	n.a.	F 14
S 15	11 21 51	20°44'27	20° 8	2°33	20°51	22° 2	4°16	0°26	11°56	27°44	28° 0	5° 9	3°46	13°14	n.a.	S 15
S 16	11 25 47	21°41'25	4♐35	2°47	22° 5	22°41	4°13	0°22	11°59	27°46	28° 1	5° 6	3°42	13°20	n.a.	S 16
M17	11 29 44	22°38'23	18°45	3° 6	23°18	23°19	4°10	0°18	12° 2	27°48	28° 1	5°D 5	3°39	13°27	n.a.	M17
T 18	11 33 40	23°35'21	2♑37	3°30	24°32	23°57	4° 7	0°14	12° 5	27°51	28° 1	5° 5	3°36	13°34	n.a.	T 18
W19	11 37 37	24°32'20	16°12	3°58	25°46	24°36	4° 4	0° 9	12° 7	27°53	28° 1	5° 6	3°33	13°41	n.a.	W19
T 20	11 41 34	25°29'19	29°30	4°30	26°59	25°13	4° 2	0° 5	12°10	27°55	28° 1	5°R 7	3°30	13°47	n.a.	T 20
F 21	11 45 30	26°26'17	12♒34	5° 8	28°13	25°51	3°59	0° 1	12°13	27°57	28° 2	5° 7	3°26	13°54	n.a.	F 21
S 22	11 49 27	27°23'16	25°25	5°49	29°27	26°29	3°57	29♍56	12°15	28° 0	28° 2	5° 5	3°23	14° 1	n.a.	S 22
S 23	11 53 23	28°20'15	8♓ 4	6°35	0♈41	27° 6	3°55	29°52	12°18	28° 2	28° 2	5° 1	3°20	14° 8	n.a.	S 23
M24	11 57 20	29°17'14	20°33	7°25	1°54	27°43	3°53	29°47	12°21	28° 4	28° 3	4°54	3°17	14°14	n.a.	M24
T 25	12 1 16	0♈14'13	2♈52	8°19	3° 8	28°20	3°52	29°43	12°23	28° 6	28° 3	4°45	3°14	14°21	n.a.	T 25
W26	12 5 13	1°11'12	15° 2	9°18	4°22	28°57	3°50	29°39	12°26	28° 8	28° 4	4°35	3°11	14°28	n.a.	W26
T 27	12 9 9	2° 8'11	27° 4	10°20	5°36	29°34	3°49	29°34	12°28	28°11	28° 4	4°25	3° 7	14°34	n.a.	T 27
F 28	12 13 6	3° 5'11	9♉ 1	11°27	6°49	0♑10	3°48	29°30	12°31	28°13	28° 5	4°14	3° 4	14°41	n.a.	F 28
S 29	12 17 3	4° 2'10	20°53	12°37	8° 3	0°47	3°47	29°26	12°33	28°15	28° 5	4° 6	3° 1	14°48	n.a.	S 29
S 30	12 20 59	4♈59'09	2♊44	13♓51	9♈17	1♑23	3♌46	29♍21	12♒36	28♓17	28♊ 6	3♌59	2♌58	14♉55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 1	11n 8	5s10	9s48	0s21	11s29	1s 7	24s 3	1s 5	21n24	1n59	1n45	2n32	18s42	0s50	3s 1	2s 3	39n39	15n33	19n23	19n41	10n55		n.a.
S 2	8 39	14 39	4 56	10 16	0 38	11 0	1 6	24 10	1 7	21 25	1 59	1 46	2 32	18 41	0 50	3 0	2 3	39 38	15 33	19 24	19 41	10 57		n.a.
M 3	8 17	17 34	4 29	10 43	0 54	10 30	1 4	24 17	1 9	21 26	1 59	1 48	2 32	18 40	0 50	2 59	2 3	39 38	15 32	19 24	19 42	10 59		n.a.
T 4	7 55	19 47	3 49	11 9	1 10	10 1	1 3	24 23	1 10	21 27	1 58	1 50	2 32	18 39	0 50	2 58	2 3	39 38	15 32	19 24	19 43	11 1		n.a.
W 5	7 33	21 7	2 59	11 34	1 25	9 31	1 1	24 30	1 12	21 28	1 58	1 51	2 32	18 38	0 50	2 57	2 3	39 37	15 31	19 24	19 44	11 3		n.a.
T 6	7 11	21 28	2 0	11 58	1 39	9 1	0 59	24 36	1 14	21 29	1 58	1 53	2 32	18 37	0 50	2 56	2 3	39 37	15 31	19 23	19 45	11 6		n.a.
F 7	6 48	20 41	0 53	12 19	1 53	8 31	0 58	24 42	1 16	21 30	1 58	1 55	2 32	18 36	0 50	2 55	2 3	39 36	15 30	19 23	19 45	11 8		n.a.
S 8	6 26	18 46	0n19	12 39	2 6	8 1	0 56	24 48	1 18	21 31	1 57	1 56	2 33	18 35	0 50	2 54	2 3	39 36	15 30	19 23	19 46	11 10		n.a.
S 9	6 3	15 44	1 32	12 56	2 18	7 30	0 54	24 54	1 20	21 32	1 57	1 58	2 33	18 35	0 50	2 53	2 3	39 35	15 30	19 23	19 47	11 12		n.a.
M10	5 40	11 42	2 41	13 11	2 29	6 59	0 53	24 59	1 22	21 33	1 57	2 0	2 33	18 34	0 50	2 53	2 3	39 35	15 29	19 24	19 48	11 14		n.a.
T 11	5 18	6 55	3 42	13 23	2 39	6 28	0 51	25 5	1 24	21 33	1 57	2 2	2 33	18 33	0 50	2 52	2 3	39 35	15 29	19 25	19 48	11 16		n.a.
W12	4 55	1 40	4 29	13 33	2 48	5 57	0 49	25 10	1 26	21 34	1 56	2 3	2 33	18 32	0 50	2 51	2 3	39 34	15 28	19 27	19 49	11 19		n.a.
T 13	4 32	3s43	4 59	13 40	2 55	5 26	0 47	25 15	1 28	21 35	1 56	2 5	2 33	18 31	0 50	2 50	2 3	39 34	15 28	19 28	19 50	11 21		n.a.
F 14	4 9	8 53	5 9	13 44	3 2	4 54	0 45	25 20	1 30	21 35	1 56	2 7	2 33	18 31	0 50	2 49	2 3	39 33	15 27	19 30	19 51	11 23		n.a.
S 15	3 46	13 30	4 58	13 46	3 8	4 23	0 43	25 24	1 32	21 36	1 55	2 8	2 33	18 30	0 50	2 48	2 3	39 33	15 27	19 31	19 51	11 25		n.a.
S 16	3 23	17 15	4 29	13 45	3 12	3 51	0 41	25 29	1 34	21 36	1 55	2 10	2 33	18 29	0 50	2 47	2 3	39 32	15 27	19 32	19 52	11 27		n.a.
M17	3 0	19 55	3 44	13 41	3 16	3 19	0 39	25 33	1 36	21 37	1 55	2 12	2 33	18 28	0 50	2 46	2 3	39 32	15 26	19 32	19 53	11 30		n.a.
T 18	2 37	21 19	2 46	13 34	3 18	2 47	0 37	25 37	1 38	21 37	1 55	2 14	2 33	18 27	0 50	2 45	2 3	39 32	15 26	19 32	19 54	11 32		n.a.
W19	2 14	21 27	1 40	13 25	3 20	2 15	0 35	25 41	1 41	21 38	1 54	2 16	2 33	18 27	0 50	2 44	2 3	39 31	15 25	19 32	19 55	11 34		n.a.
T 20	1 50	20 20	0 30	13 13	3 20	1 43	0 33	25 44	1 43	21 38	1 54	2 17	2 33	18 26	0 50	2 43	2 3	39 31	15 25	19 32	19 55	11 36		n.a.
F 21	1 27	18 9	0s40	12 59	3 20	1 11	0 30	25 48	1 45	21 38	1 54	2 19	2 33	18 25	0 50	2 42	2 3	39 30	15 24	19 32	19 56	11 38		n.a.
S 22	1 4	15 5	1 47	12 41	3 18	0 39	0 28	25 51	1 47	21 39	1 53	2 21	2 33	18 24	0 50	2 42	2 3	39 30	15 24	19 32	19 57	11 40		n.a.
S 23	0 41	11 21	2 47	12 22	3 16	0 7	0 26	25 54	1 49	21 39	1 53	2 23	2 33	18 24	0 50	2 41	2 3	39 29	15 24	19 33	19 58	11 43		n.a.
M24	0 17	7 11	3 39	12 0	3 13	0n25	0 24	25 57	1 51	21 39	1 53	2 24	2 32	18 23	0 50	2 40	2 3	39 29	15 23	19 35	19 58	11 45		n.a.
T 25	0n 6	2 46	4 19	11 35	3 9	0 57	0 22	26 0	1 53	21 39	1 52	2 26	2 32	18 22	0 51	2 39	2 3	39 29	15 23	19 37	19 59	11 47		n.a.
W26	0 29	1n41	4 47	11 8	3 4	1 29	0 19	26 2	1 56	21 39	1 52	2 28	2 32	18 22	0 51	2 38	2 3	39 28	15 22	19 39	20 0	11 49		n.a.
T 27	0 52	6 2	5 2	10 39	2 59	2 1	0 17	26 5	1 58	21 39	1 52	2 30	2 32	18 21	0 51	2 37	2 3	39 28	15 22	19 42	20 1	11 51		n.a.
F 28	1 16	10 8	5 3	10 7	2 52	2 33	0 15	26 7	2 0	21 39	1 51	2 31	2 32	18 20	0 51	2 36	2 3	39 27	15 21	19 44	20 1	11 53		n.a.
S 29	1 39	13 48	4 51	9 33	2 46	3 6	0 12	26 9	2 2	21 39	1 51	2 33	2 32	18 19	0 51	2 35	2 3	39 27	15 21	19 47	20 2	11 55		n.a.
S 30	2n 2	16n56	4s27	8s57	2s38	3n37	0s10	26s11	2s 5	21n39	1n51	2n35	2n32	18s19	0s51	2s34	2s 3	39n26	15n21	19n48	20n 3	11n58		n.a.

Julian Day Number = 187828.5, Delta T = 32h33m40s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'16, Lahiri = -61°38'16 Julian Calendar 1 Apr. 4199 BCE == Greg. Calendar 27 Feb. 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

MAY 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 24 56	5♈56'09	14♊37	15♓ 9	10♈31	1♑58	3°R46	29°R17	12♒38	28♓20	28♊ 6	3°R54	2♌55	15♉ 1	n.a.	M 1
T 2	12 28 52	6°53'08	26°36	16°31	11°44	2°34	3♌45	29♍13	12°40	28°22	28° 7	3♌52	2°52	15° 8	n.a.	T 2
W 3	12 32 49	7°50'08	8♋47	17°57	12°58	3° 9	3°45	29° 8	12°43	28°24	28° 8	3°D51	2°48	15°15	n.a.	W 3
T 4	12 36 46	8°47'08	21°15	19°26	14°12	3°45	3°D45	29° 4	12°45	28°26	28° 8	3°52	2°45	15°21	n.a.	T 4
F 5	12 40 42	9°44'07	4♌ 3	20°59	15°26	4°20	3°45	29° 0	12°47	28°28	28° 9	3°R52	2°42	15°28	n.a.	F 5
S 6	12 44 39	10°41'07	17°18	22°36	16°40	4°54	3°45	28°55	12°49	28°31	28°10	3°51	2°39	15°35	n.a.	S 6
S 7	12 48 35	11°38'08	1♍ 0	24°16	17°53	5°29	3°46	28°51	12°51	28°33	28°11	3°49	2°36	15°42	n.a.	S 7
M 8	12 52 32	12°35'08	15°10	25°59	19° 7	6° 3	3°47	28°47	12°53	28°35	28°11	3°44	2°32	15°48	n.a.	M 8
T 9	12 56 28	13°32'09	29°47	27°46	20°21	6°37	3°48	28°43	12°55	28°37	28°12	3°36	2°29	15°55	n.a.	T 9
W10	13 0 25	14°29'10	14♎43	29°35	21°35	7°11	3°49	28°39	12°58	28°39	28°13	3°27	2°26	16° 2	n.a.	W10
T 11	13 4 22	15°26'12	29°51	1♈28	22°49	7°44	3°50	28°35	12°59	28°42	28°14	3°17	2°23	16° 9	n.a.	T 11
F 12	13 8 18	16°23'15	15♏ 0	3°23	24° 2	8°17	3°51	28°31	13° 1	28°44	28°15	3° 8	2°20	16°15	n.a.	F 12
S 13	13 12 15	17°20'18	29°59	5°20	25°16	8°50	3°53	28°26	13° 3	28°46	28°16	2°59	2°17	16°22	n.a.	S 13
S 14	13 16 11	18°17'23	14♐41	7°20	26°30	9°23	3°55	28°22	13° 5	28°48	28°17	2°54	2°13	16°29	n.a.	S 14
M15	13 20 8	19°14'29	29° 0	9°22	27°44	9°56	3°57	28°19	13° 7	28°50	28°18	2°50	2°10	16°35	n.a.	M15
T 16	13 24 4	20°11'36	12♑56	11°25	28°58	10°28	3°59	28°15	13° 9	28°52	28°19	2°49	2° 7	16°42	n.a.	T 16
W17	13 28 1	21° 8'43	26°27	13°30	0♉12	10°59	4° 1	28°11	13°11	28°54	28°20	2°49	2° 4	16°49	n.a.	W17
T 18	13 31 58	22° 5'52	9♒38	15°36	1°26	11°31	4° 4	28° 7	13°12	28°56	28°21	2°49	2° 1	16°56	n.a.	T 18
F 19	13 35 54	23° 3'02	22°29	17°43	2°40	12° 2	4° 6	28° 3	13°14	28°59	28°22	2°48	1°57	17° 2	n.a.	F 19
S 20	13 39 51	24° 0'14	5♓ 6	19°50	3°54	12°33	4° 9	27°59	13°16	29° 1	28°24	2°44	1°54	17° 9	n.a.	S 20
S 21	13 43 47	24°57'26	17°31	21°57	5° 8	13° 4	4°12	27°56	13°17	29° 3	28°25	2°38	1°51	17°16	n.a.	S 21
M22	13 47 44	25°54'39	29°46	24° 4	6°21	13°34	4°15	27°52	13°19	29° 5	28°26	2°29	1°48	17°22	n.a.	M22
T 23	13 51 40	26°51'54	11♈53	26°11	7°35	14° 4	4°19	27°49	13°20	29° 7	28°27	2°18	1°45	17°29	n.a.	T 23
W24	13 55 37	27°49'10	23°54	28°17	8°49	14°33	4°22	27°45	13°22	29° 9	28°29	2° 5	1°42	17°36	n.a.	W24
T 25	13 59 34	28°46'27	5♉50	0♉22	10° 3	15° 2	4°26	27°42	13°23	29°11	28°30	1°51	1°38	17°43	n.a.	T 25
F 26	14 3 30	29°43'45	17°43	2°27	11°17	15°31	4°30	27°38	13°24	29°13	28°31	1°37	1°35	17°49	n.a.	F 26
S 27	14 7 27	0♉41'04	29°34	4°30	12°31	15°59	4°34	27°35	13°26	29°15	28°33	1°25	1°32	17°56	n.a.	S 27
S 28	14 11 23	1°38'24	11♊24	6°32	13°45	16°27	4°38	27°32	13°27	29°17	28°34	1°16	1°29	18° 3	n.a.	S 28
M29	14 15 20	2°35'45	23°18	8°33	14°59	16°55	4°42	27°29	13°28	29°19	28°35	1° 9	1°26	18° 9	n.a.	M29
T 30	14 19 17	3°33'08	5♋17	10°32	16°13	17°22	4°47	27°25	13°29	29°21	28°37	1° 5	1°23	18°16	n.a.	T 30
W31	14 23 13	4♉30'31	17♋27	12♉31	17♉27	17♑49	4♌51	27♍22	13♒30	29♓22	28♊38	1♌ 3	1♌19	18♉23	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	2n25	19n22	3s51	8s18	2s30	4n 9	0s 8	26s13	2s 7	21n39	1n50	2n36	2n32	18s18	0s51	2s33	2s 3	39n26	15n20	19n49	20n 4	12n 0			n.a.
T 2	2 48	20 59	3 5	7 37	2 21	4 41	0 5	26 14	2 9	21 38	1 50	2 38	2 32	18 17	0 51	2 32	2 3	39 26	15 20	19 50	20 4	12 2			n.a.
W 3	3 12	21 40	2 10	6 55	2 12	5 13	0 3	26 16	2 11	21 38	1 50	2 40	2 32	18 17	0 51	2 31	2 3	39 25	15 19	19 50	20 5	12 4			n.a.
T 4	3 35	21 17	1 7	6 10	2 3	5 45	0 1	26 17	2 14	21 38	1 49	2 41	2 32	18 16	0 51	2 31	2 3	39 25	15 19	19 50	20 6	12 6			n.a.
F 5	3 58	19 48	0n 1	5 23	1 53	6 16	0n 2	26 18	2 16	21 37	1 49	2 43	2 32	18 16	0 51	2 30	2 3	39 24	15 18	19 50	20 7	12 8			n.a.
S 6	4 21	17 13	1 11	4 34	1 42	6 47	0 4	26 20	2 18	21 37	1 49	2 45	2 32	18 15	0 51	2 29	2 3	39 24	15 18	19 50	20 7	12 11			n.a.
S 7	4 44	13 35	2 19	3 44	1 31	7 19	0 6	26 20	2 21	21 37	1 48	2 46	2 31	18 14	0 51	2 28	2 3	39 24	15 18	19 51	20 8	12 13			n.a.
M 8	5 6	9 4	3 21	2 52	1 20	7 50	0 9	26 21	2 23	21 36	1 48	2 48	2 31	18 14	0 51	2 27	2 3	39 23	15 17	19 52	20 9	12 15			n.a.
T 9	5 29	3 55	4 11	1 58	1 9	8 20	0 11	26 22	2 25	21 36	1 48	2 50	2 31	18 13	0 51	2 26	2 3	39 23	15 17	19 54	20 10	12 17			n.a.
W10	5 52	1s35	4 46	1 3	0 58	8 51	0 14	26 22	2 28	21 35	1 47	2 51	2 31	18 13	0 51	2 25	2 3	39 22	15 16	19 56	20 10	12 19			n.a.
T 11	6 15	7 3	5 1	0 6	0 46	9 22	0 16	26 23	2 30	21 34	1 47	2 53	2 31	18 12	0 51	2 24	2 3	39 22	15 16	19 58	20 11	12 21			n.a.
F 12	6 37	12 5	4 55	0n51	0 35	9 52	0 18	26 23	2 33	21 34	1 47	2 54	2 31	18 12	0 51	2 24	2 3	39 22	15 16	20 1	20 12	12 23			n.a.
S 13	7 0	16 20	4 29	1 49	0 23	10 22	0 21	26 23	2 35	21 33	1 46	2 56	2 31	18 11	0 51	2 23	2 3	39 21	15 15	20 2	20 13	12 26			n.a.
S 14	7 22	19 28	3 46	2 49	0 12	10 52	0 23	26 23	2 38	21 32	1 46	2 57	2 31	18 11	0 51	2 22	2 3	39 21	15 15	20 4	20 13	12 28			n.a.
M15	7 44	21 18	2 49	3 48	0 1	11 21	0 25	26 23	2 40	21 31	1 46	2 59	2 30	18 10	0 51	2 21	2 3	39 21	15 14	20 5	20 14	12 30			n.a.
T 16	8 6	21 45	1 43	4 48	0n10	11 50	0 28	26 23	2 42	21 30	1 45	3 0	2 30	18 10	0 51	2 20	2 3	39 20	15 14	20 5	20 15	12 32			n.a.
W17	8 28	20 54	0 34	5 47	0 21	12 19	0 30	26 23	2 45	21 30	1 45	3 2	2 30	18 9	0 51	2 19	2 3	39 20	15 14	20 5	20 15	12 34			n.a.
T 18	8 50	18 55	0s36	6 47	0 31	12 48	0 32	26 23	2 47	21 29	1 45	3 3	2 30	18 9	0 51	2 18	2 3	39 19	15 13	20 5	20 16	12 36			n.a.
F 19	9 12	16 1	1 42	7 46	0 40	13 16	0 34	26 22	2 50	21 28	1 44	3 5	2 30	18 8	0 51	2 18	2 3	39 19	15 13	20 5	20 17	12 38			n.a.
S 20	9 34	12 24	2 42	8 44	0 50	13 44	0 37	26 22	2 53	21 27	1 44	3 6	2 30	18 8	0 51	2 17	2 3	39 19	15 12	20 6	20 18	12 41			n.a.
S 21	9 56	8 19	3 33	9 41	0 58	14 12	0 39	26 21	2 55	21 26	1 44	3 7	2 30	18 7	0 51	2 16	2 3	39 18	15 12	20 7	20 18	12 43			n.a.
M22	10 17	3 57	4 13	10 37	1 6	14 40	0 41	26 21	2 58	21 25	1 43	3 9	2 29	18 7	0 52	2 15	2 3	39 18	15 12	20 10	20 19	12 45			n.a.
T 23	10 38	0n32	4 41	11 32	1 14	15 7	0 43	26 20	3 0	21 23	1 43	3 10	2 29	18 7	0 52	2 14	2 3	39 18	15 11	20 12	20 20	12 47			n.a.
W24	10 59	4 57	4 57	12 25	1 21	15 33	0 45	26 19	3 3	21 22	1 43	3 11	2 29	18 6	0 52	2 14	2 3	39 17	15 11	20 15	20 21	12 49			n.a.
T 25	11 20	9 9	4 59	13 16	1 27	15 59	0 47	26 19	3 5	21 21	1 42	3 12	2 29	18 6	0 52	2 13	2 3	39 17	15 11	20 19	20 21	12 51			n.a.
F 26	11 41	12 59	4 48	14 6	1 32	16 25	0 49	26 18	3 8	21 20	1 42	3 14	2 29	18 5	0 52	2 12	2 3	39 17	15 10	20 22	20 22	12 53			n.a.
S 27	12 2	16 19	4 25	14 54	1 37	16 51	0 51	26 17	3 11	21 18	1 42	3 15	2 28	18 5	0 52	2 11	2 3	39 16	15 10	20 24	20 23	12 55			n.a.
S 28	12 22	18 59	3 50	15 40	1 42	17 16	0 53	26 16	3 13	21 17	1 42	3 16	2 28	18 5	0 52	2 10	2 3	39 16	15 10	20 27	20 24	12 57			n.a.
M29	12 43	20 51	3 5	16 24	1 45	17 40	0 55	26 15	3 16	21 16	1 41	3 17	2 28	18 4	0 52	2 10	2 4	39 16	15 9	20 28	20 24	13 0			n.a.
T 30	13 3	21 49	2 12	17 6	1 48	18 4	0 57	26 14	3 19	21 14	1 41	3 18	2 28	18 4	0 52	2 9	2 4	39 15	15 9	20 29	20 25	13 2			n.a.
W31	13n23	21n46	1s11	17n46	1n50	18n28	0n59	26s13	3s21	21n13	1n41	3n19	2n28	18s 4	0s52	2s 8	2s 4	39n15	15n 9	20n29	20n26	13n 4			n.a.

Julian Day Number = 187858.5, Delta T = 32h33m37s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'12, Lahiri = -61°38'12 Julian Calendar 1 May 4199 BCE == Greg. Calendar 29 March 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

JUNE 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 27 10	5♉27'55	29♋52	14♉27	18♉41	18♊15	4♌56	27°R19	13♒31	29♓24	28♊40	1°R 2	1♌16	18♉30	n.a.	T 1
F 2	14 31 6	6°25'21	12♌37	16°22	19°55	18°41	5° 1	27♍16	13°32	29°26	28°41	1♌ 2	1°13	18°36	n.a.	F 2
S 3	14 35 3	7°22'47	25°46	18°16	21° 9	19° 7	5° 6	27°14	13°33	29°28	28°43	1° 2	1°10	18°43	n.a.	S 3
S 4	14 38 59	8°20'15	9♍24	20° 8	22°23	19°32	5°12	27°11	13°34	29°30	28°44	0°59	1° 7	18°50	n.a.	S 4
M 5	14 42 56	9°17'43	23°31	21°58	23°37	19°56	5°17	27° 8	13°35	29°32	28°46	0°54	1° 3	18°57	n.a.	M 5
T 6	14 46 53	10°15'13	8♎ 7	23°48	24°51	20°20	5°23	27° 6	13°36	29°34	28°47	0°46	1° 0	19° 3	n.a.	T 6
W 7	14 50 49	11°12'44	23° 7	25°35	26° 5	20°44	5°28	27° 3	13°37	29°35	28°49	0°37	0°57	19°10	n.a.	W 7
T 8	14 54 46	12°10'17	8♏22	27°21	27°19	21° 7	5°34	27° 1	13°37	29°37	28°51	0°26	0°54	19°17	n.a.	T 8
F 9	14 58 42	13° 7'51	23°42	29° 5	28°33	21°30	5°40	26°58	13°38	29°39	28°52	0°16	0°51	19°23	n.a.	F 9
S 10	15 2 39	14° 5'27	8♐55	0♊48	29°48	21°52	5°47	26°56	13°39	29°41	28°54	0° 7	0°48	19°30	n.a.	S 10
S 11	15 6 35	15° 3'05	23°51	2°30	1♊ 2	22°13	5°53	26°54	13°39	29°42	28°56	0° 1	0°44	19°37	n.a.	S 11
M12	15 10 32	16° 0'44	8♑23	4°10	2°16	22°35	5°59	26°52	13°40	29°44	28°58	29♋57	0°41	19°44	n.a.	M12
T 13	15 14 28	16°58'26	22°28	5°49	3°30	22°55	6° 6	26°50	13°40	29°46	28°59	29°56	0°38	19°50	n.a.	T 13
W14	15 18 25	17°56'09	6♒ 5	7°26	4°44	23°15	6°13	26°48	13°41	29°47	29° 1	29°D56	0°35	19°57	n.a.	W14
T 15	15 22 22	18°53'54	19°16	9° 1	5°58	23°34	6°20	26°46	13°41	29°49	29° 3	29°R56	0°32	20° 4	n.a.	T 15
F 16	15 26 18	19°51'42	2♓ 5	10°35	7°12	23°53	6°27	26°44	13°42	29°50	29° 5	29°55	0°29	20°10	n.a.	F 16
S 17	15 30 15	20°49'31	14°36	12° 8	8°26	24°11	6°34	26°42	13°42	29°52	29° 7	29°53	0°25	20°17	n.a.	S 17
S 18	15 34 11	21°47'22	26°53	13°39	9°40	24°29	6°41	26°41	13°42	29°53	29° 8	29°48	0°22	20°24	n.a.	S 18
M19	15 38 8	22°45'15	8♈59	15° 9	10°54	24°46	6°49	26°39	13°42	29°55	29°10	29°40	0°19	20°31	n.a.	M19
T 20	15 42 4	23°43'11	20°59	16°38	12° 8	25° 2	6°56	26°38	13°42	29°56	29°12	29°30	0°16	20°37	n.a.	T 20
W21	15 46 1	24°41'08	2♉54	18° 4	13°22	25°18	7° 4	26°36	13°42	29°58	29°14	29°19	0°13	20°44	n.a.	W21
T 22	15 49 58	25°39'07	14°46	19°30	14°36	25°33	7°12	26°35	13°R43	29°59	29°16	29° 7	0° 9	20°51	n.a.	T 22
F 23	15 53 54	26°37'08	26°37	20°53	15°50	25°47	7°20	26°34	13°43	0♈ 1	29°18	28°55	0° 6	20°57	n.a.	F 23
S 24	15 57 51	27°35'11	8♊29	22°15	17° 5	26° 1	7°28	26°33	13°42	0° 2	29°20	28°45	0° 3	21° 4	n.a.	S 24
S 25	16 1 47	28°33'16	20°23	23°36	18°19	26°14	7°36	26°32	13°42	0° 4	29°22	28°36	29♋59	21°11	n.a.	S 25
M26	16 5 44	29°31'23	2♋21	24°55	19°33	26°26	7°44	26°31	13°42	0° 5	29°24	28°30	29°57	21°18	n.a.	M26
T 27	16 9 40	0♊29'32	14°26	26°12	20°47	26°37	7°53	26°30	13°42	0° 6	29°26	28°27	29°54	21°24	n.a.	T 27
W28	16 13 37	1°27'43	26°40	27°27	22° 1	26°48	8° 1	26°30	13°42	0° 7	29°28	28°D26	29°50	21°31	n.a.	W28
T 29	16 17 33	2°25'55	9♌ 8	28°41	23°15	26°58	8°10	26°29	13°41	0° 9	29°30	28°26	29°47	21°38	n.a.	T 29
F 30	16 21 30	3♊24'09	21♌53	29♊53	24♊29	27♊ 7	8♌19	26♍29	13♒41	0♈10	29♊32	28♋27	29♋44	21♉44	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n43	20n39	0s 6	18n24	1n52	18n51	1n 1	26s12	3s24	21n11	1n40	3n20	2n27	18s 4	0s52	2s 7	2s 4	39n15	15n 8	20n29	20n26	13n 6		n.a.
F 2	14 2	18 28	1n 1	19 0	1 53	19 13	1 3	26 11	3 27	21 10	1 40	3 21	2 27	18 3	0 52	2 7	2 4	39 14	15 8	20 30	20 27	13 8		n.a.
S 3	14 22	15 16	2 7	19 34	1 54	19 35	1 5	26 10	3 30	21 8	1 40	3 22	2 27	18 3	0 52	2 6	2 4	39 14	15 8	20 30	20 28	13 10		n.a.
S 4	14 41	11 9	3 8	20 6	1 54	19 57	1 6	26 9	3 32	21 6	1 39	3 23	2 27	18 3	0 52	2 5	2 4	39 14	15 7	20 30	20 29	13 12		n.a.
M 5	15 0	6 18	4 0	20 36	1 53	20 18	1 8	26 8	3 35	21 5	1 39	3 24	2 27	18 3	0 52	2 5	2 4	39 13	15 7	20 31	20 29	13 14		n.a.
T 6	15 18	0 56	4 38	21 3	1 52	20 38	1 10	26 7	3 38	21 3	1 39	3 25	2 26	18 2	0 52	2 4	2 4	39 13	15 7	20 33	20 30	13 16		n.a.
W 7	15 37	4s38	4 59	21 29	1 51	20 58	1 11	26 6	3 41	21 1	1 38	3 26	2 26	18 2	0 52	2 3	2 4	39 13	15 6	20 35	20 31	13 19		n.a.
T 8	15 55	10 0	4 58	21 53	1 49	21 18	1 13	26 5	3 43	20 59	1 38	3 26	2 26	18 2	0 52	2 2	2 4	39 13	15 6	20 38	20 31	13 21		n.a.
F 9	16 13	14 46	4 37	22 15	1 46	21 36	1 14	26 4	3 46	20 58	1 38	3 27	2 26	18 2	0 52	2 2	2 4	39 12	15 6	20 40	20 32	13 23		n.a.
S 10	16 31	18 32	3 55	22 35	1 43	21 54	1 16	26 3	3 49	20 56	1 37	3 28	2 25	18 2	0 52	2 1	2 4	39 12	15 5	20 42	20 33	13 25		n.a.
S 11	16 48	21 0	2 59	22 52	1 40	22 12	1 17	26 2	3 52	20 54	1 37	3 29	2 25	18 2	0 52	2 0	2 4	39 12	15 5	20 43	20 34	13 27		n.a.
M12	17 6	21 59	1 52	23 9	1 36	22 29	1 18	26 1	3 55	20 52	1 37	3 29	2 25	18 2	0 52	2 0	2 4	39 12	15 5	20 44	20 34	13 29		n.a.
T 13	17 23	21 32	0 40	23 23	1 32	22 45	1 20	26 0	3 58	20 50	1 37	3 30	2 25	18 1	0 52	1 59	2 4	39 11	15 5	20 44	20 35	13 31		n.a.
W14	17 39	19 48	0s33	23 36	1 27	23 0	1 21	26 0	4 0	20 48	1 36	3 30	2 25	18 1	0 53	1 59	2 4	39 11	15 4	20 44	20 36	13 33		n.a.
T 15	17 56	17 3	1 41	23 46	1 22	23 15	1 22	25 59	4 3	20 46	1 36	3 31	2 24	18 1	0 53	1 58	2 4	39 11	15 4	20 44	20 36	13 35		n.a.
F 16	18 12	13 32	2 42	23 56	1 17	23 29	1 23	25 58	4 6	20 44	1 36	3 32	2 24	18 1	0 53	1 57	2 4	39 11	15 4	20 44	20 37	13 37		n.a.
S 17	18 28	9 30	3 34	24 3	1 11	23 43	1 24	25 58	4 9	20 42	1 35	3 32	2 24	18 1	0 53	1 57	2 4	39 10	15 4	20 45	20 38	13 40		n.a.
S 18	18 43	5 9	4 15	24 9	1 5	23 56	1 25	25 57	4 12	20 39	1 35	3 32	2 24	18 1	0 53	1 56	2 4	39 10	15 3	20 46	20 38	13 42		n.a.
M19	18 59	0 40	4 43	24 14	0 58	24 8	1 26	25 57	4 15	20 37	1 35	3 33	2 23	18 1	0 53	1 56	2 4	39 10	15 3	20 48	20 39	13 44		n.a.
T 20	19 14	3n48	4 59	24 17	0 52	24 19	1 27	25 57	4 18	20 35	1 35	3 33	2 23	18 1	0 53	1 55	2 4	39 10	15 3	20 50	20 40	13 46		n.a.
W21	19 28	8 6	5 2	24 18	0 45	24 30	1 28	25 56	4 21	20 33	1 34	3 33	2 23	18 1	0 53	1 54	2 4	39 10	15 3	20 52	20 41	13 48		n.a.
T 22	19 43	12 5	4 52	24 18	0 37	24 40	1 28	25 56	4 24	20 30	1 34	3 34	2 22	18 1	0 53	1 54	2 5	39 9	15 3	20 55	20 41	13 50		n.a.
F 23	19 57	15 36	4 29	24 17	0 30	24 49	1 29	25 56	4 26	20 28	1 34	3 34	2 22	18 1	0 53	1 53	2 5	39 9	15 2	20 57	20 42	13 52		n.a.
S 24	20 10	18 30	3 54	24 15	0 22	24 57	1 30	25 57	4 29	20 26	1 34	3 34	2 22	18 1	0 53	1 53	2 5	39 9	15 2	21 0	20 43	13 54		n.a.
S 25	20 24	20 37	3 9	24 11	0 14	25 5	1 30	25 57	4 32	20 23	1 33	3 34	2 22	18 1	0 53	1 52	2 5	39 9	15 2	21 1	20 43	13 56		n.a.
M26	20 37	21 51	2 15	24 7	0 6	25 12	1 31	25 57	4 35	20 21	1 33	3 34	2 21	18 1	0 53	1 52	2 5	39 9	15 2	21 2	20 44	13 58		n.a.
T 27	20 50	22 5	1 14	24 1	0s 3	25 18	1 31	25 58	4 38	20 18	1 33	3 35	2 21	18 2	0 53	1 51	2 5	39 8	15 2	21 3	20 45	14 0		n.a.
W28	21 2	21 16	0 9	23 54	0 12	25 23	1 31	25 58	4 41	20 16	1 33	3 35	2 21	18 2	0 53	1 51	2 5	39 8	15 1	21 3	20 45	14 2		n.a.
T 29	21 14	19 24	0n57	23 46	0 20	25 28	1 32	25 59	4 44	20 13	1 32	3 35	2 21	18 2	0 53	1 50	2 5	39 8	15 1	21 3	20 46	14 4		n.a.
F 30	21n26	16n32	2n 3	23n37	0s30	25n32	1n32	26s 0	4s47	20n10	1n32	3n35	2n20	18s 2	0s53	1s50	2s 5	39n 8	15n 1	21n 3	20n47	14n 7		n.a.

Julian Day Number = 187889.5, Delta T = 32h33m34s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'08, Lahiri = -61°38'08 Julian Calendar 1 June 4199 BCE == Greg. Calendar 29 Apr. 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

JULY 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 25 27	4♊22'24	4♍58	1♋ 2	25♊43	27♑15	8♌28	26°R28	13°R41	0♈11	29♊34	28°R28	29♋41	21♉51	n.a.	S 1
S 2	16 29 23	5°20'42	18°29	2°10	26°57	27°23	8°37	26♍28	13♒40	0°12	29°36	28♋27	29°38	21°58	n.a.	S 2
M 3	16 33 20	6°19'01	2♎27	3°15	28°11	27°30	8°46	26°28	13°40	0°13	29°38	28°24	29°34	22° 5	n.a.	M 3
T 4	16 37 16	7°17'22	16°51	4°18	29°25	27°36	8°55	26°28	13°39	0°15	29°40	28°19	29°31	22°11	n.a.	T 4
W 5	16 41 13	8°15'45	1♏40	5°18	0♋39	27°41	9° 5	26°D28	13°38	0°16	29°42	28°13	29°28	22°18	n.a.	W 5
T 6	16 45 9	9°14'10	16°46	6°16	1°54	27°45	9°14	26°28	13°38	0°17	29°44	28° 6	29°25	22°25	n.a.	T 6
F 7	16 49 6	10°12'37	2♐ 1	7°11	3° 8	27°49	9°24	26°28	13°37	0°18	29°47	27°59	29°22	22°31	n.a.	F 7
S 8	16 53 2	11°11'06	17°13	8° 3	4°22	27°51	9°33	26°28	13°36	0°19	29°49	27°52	29°19	22°38	n.a.	S 8
S 9	16 56 59	12° 9'38	2♑13	8°52	5°36	27°53	9°43	26°29	13°36	0°20	29°51	27°48	29°15	22°45	n.a.	S 9
M10	17 0 55	13° 8'11	16°53	9°38	6°50	27°54	9°53	26°29	13°35	0°21	29°53	27°46	29°12	22°52	n.a.	M10
T 11	17 4 52	14° 6'47	1♒ 6	10°20	8° 4	27°R54	10° 3	26°30	13°34	0°21	29°55	27°D45	29° 9	22°58	n.a.	T 11
W12	17 8 49	15° 5'26	14°51	10°58	9°18	27°53	10°13	26°30	13°33	0°22	29°57	27°46	29° 6	23° 5	n.a.	W12
T 13	17 12 45	16° 4'07	28° 9	11°31	10°32	27°52	10°23	26°31	13°32	0°23	29°59	27°48	29° 3	23°12	n.a.	T 13
F 14	17 16 42	17° 2'50	11♓ 2	12° 1	11°46	27°49	10°34	26°32	13°31	0°24	0♋ 2	27°49	29° 0	23°18	n.a.	F 14
S 15	17 20 38	18° 1'36	23°34	12°25	13° 0	27°45	10°44	26°33	13°30	0°25	0° 4	27°R49	28°56	23°25	n.a.	S 15
S 16	17 24 35	19° 0'24	5♈50	12°44	14°14	27°41	10°55	26°34	13°29	0°25	0° 6	27°47	28°53	23°32	n.a.	S 16
M17	17 28 31	19°59'15	17°54	12°58	15°28	27°36	11° 5	26°35	13°27	0°26	0° 8	27°44	28°50	23°39	n.a.	M17
T 18	17 32 28	20°58'08	29°50	13° 6	16°42	27°30	11°16	26°36	13°26	0°27	0°11	27°39	28°47	23°45	n.a.	T 18
W19	17 36 24	21°57'04	11♉43	13°R 7	17°56	27°23	11°26	26°38	13°25	0°27	0°13	27°33	28°44	23°52	n.a.	W19
T 20	17 40 21	22°56'02	23°34	13° 2	19° 9	27°15	11°37	26°39	13°24	0°28	0°15	27°27	28°40	23°59	n.a.	T 20
F 21	17 44 17	23°55'03	5♊26	12°50	20°23	27° 6	11°48	26°41	13°22	0°29	0°17	27°20	28°37	24° 5	n.a.	F 21
S 22	17 48 14	24°54'06	17°22	12°31	21°37	26°56	11°59	26°42	13°21	0°29	0°19	27°15	28°34	24°12	n.a.	S 22
S 23	17 52 10	25°53'11	29°23	12° 5	22°51	26°46	12°10	26°44	13°20	0°30	0°22	27°10	28°31	24°19	n.a.	S 23
M24	17 56 7	26°52'19	11♋31	11°31	24° 5	26°34	12°21	26°46	13°18	0°30	0°24	27° 8	28°28	24°26	n.a.	M24
T 25	18 0 4	27°51'29	23°48	10°50	25°19	26°22	12°33	26°48	13°17	0°31	0°26	27°D 7	28°25	24°32	n.a.	T 25
W26	18 4 0	28°50'41	6♌14	10° 2	26°33	26° 9	12°44	26°50	13°15	0°31	0°28	27° 7	28°21	24°39	n.a.	W26
T 27	18 7 57	29°49'55	18°53	9° 8	27°47	25°56	12°55	26°52	13°13	0°31	0°31	27° 8	28°18	24°46	n.a.	T 27
F 28	18 11 53	0♋49'12	1♍46	8° 8	29° 1	25°41	13° 7	26°54	13°12	0°32	0°33	27°10	28°15	24°52	n.a.	F 28
S 29	18 15 50	1°48'30	14°57	7° 4	0♌15	25°26	13°18	26°56	13°10	0°32	0°35	27°11	28°12	24°59	n.a.	S 29
S 30	18 19 46	2°47'50	28°26	5°57	1°28	25°10	13°30	26°59	13° 8	0°32	0°37	27°R12	28° 9	25° 6	n.a.	S 30
M31	18 23 43	3♋47'13	12♎16	4♋48	2♌42	24♑54	13♌42	27♍ 1	13♒ 7	0°♈33	0♋40	27♋12	28♋ 6	25♉13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n37	12n47	3n 3	23n28	0s39	25n35	1n32	26s 1	4s49	20n 8	1n32	3n34	2n20	18s 2	0s53	1s50	2s 5	39n 8	15n 1	21n 3	20n47	14n 9		n.a.
S 2	21 48	8 17	3 56	23 18	0 48	25 37	1 32	26 2	4 52	20 5	1 32	3 34	2 20	18 2	0 53	1 49	2 5	39 8	15 1	21 3	20 48	14 11		n.a.
M 3	21 58	3 12	4 37	23 7	0 58	25 38	1 32	26 4	4 55	20 2	1 31	3 34	2 20	18 3	0 53	1 49	2 5	39 8	15 1	21 4	20 49	14 13		n.a.
T 4	22 8	2s11	5 1	22 55	1 8	25 39	1 32	26 5	4 58	20 0	1 31	3 34	2 19	18 3	0 53	1 48	2 5	39 8	15 1	21 5	20 50	14 15		n.a.
W 5	22 18	7 36	5 7	22 43	1 18	25 39	1 32	26 7	5 1	19 57	1 31	3 34	2 19	18 3	0 53	1 48	2 5	39 7	15 1	21 6	20 50	14 17		n.a.
T 6	22 27	12 40	4 51	22 30	1 27	25 38	1 32	26 9	5 3	19 54	1 31	3 33	2 19	18 3	0 53	1 48	2 5	39 7	15 0	21 8	20 51	14 19		n.a.
F 7	22 36	16 59	4 15	22 18	1 37	25 36	1 31	26 10	5 6	19 51	1 30	3 33	2 19	18 3	0 54	1 47	2 5	39 7	15 0	21 9	20 52	14 21		n.a.
S 8	22 45	20 9	3 21	22 4	1 47	25 33	1 31	26 13	5 9	19 48	1 30	3 33	2 18	18 4	0 54	1 47	2 5	39 7	15 0	21 10	20 52	14 23		n.a.
S 9	22 53	21 52	2 14	21 51	1 58	25 30	1 31	26 15	5 11	19 45	1 30	3 32	2 18	18 4	0 54	1 47	2 6	39 7	15 0	21 11	20 53	14 25		n.a.
M10	23 1	22 3	0 59	21 38	2 8	25 26	1 30	26 17	5 14	19 42	1 30	3 32	2 18	18 4	0 54	1 46	2 6	39 7	15 0	21 12	20 54	14 27		n.a.
T 11	23 8	20 46	0s18	21 25	2 18	25 21	1 29	26 20	5 17	19 39	1 29	3 31	2 17	18 5	0 54	1 46	2 6	39 7	15 0	21 12	20 54	14 29		n.a.
W12	23 15	18 17	1 31	21 12	2 28	25 15	1 29	26 22	5 19	19 36	1 29	3 31	2 17	18 5	0 54	1 46	2 6	39 7	15 0	21 12	20 55	14 31		n.a.
T 13	23 22	14 54	2 37	20 59	2 37	25 9	1 28	26 25	5 22	19 33	1 29	3 30	2 17	18 5	0 54	1 45	2 6	39 7	15 0	21 11	20 56	14 33		n.a.
F 14	23 28	10 54	3 33	20 47	2 47	25 2	1 27	26 28	5 24	19 30	1 29	3 30	2 17	18 6	0 54	1 45	2 6	39 7	15 0	21 11	20 56	14 35		n.a.
S 15	23 33	6 32	4 17	20 36	2 56	24 54	1 26	26 31	5 26	19 27	1 29	3 29	2 16	18 6	0 54	1 45	2 6	39 7	15 0	21 11	20 57	14 37		n.a.
S 16	23 39	2 1	4 48	20 25	3 5	24 45	1 25	26 34	5 29	19 24	1 28	3 28	2 16	18 6	0 54	1 45	2 6	39 7	15 0	21 11	20 58	14 39		n.a.
M17	23 43	2n31	5 6	20 15	3 14	24 35	1 24	26 37	5 31	19 21	1 28	3 28	2 16	18 7	0 54	1 44	2 6	39 7	15 0	21 12	20 58	14 41		n.a.
T 18	23 48	6 54	5 10	20 6	3 22	24 25	1 23	26 41	5 33	19 17	1 28	3 27	2 16	18 7	0 54	1 44	2 6	39 7	15 0	21 13	20 59	14 43		n.a.
W19	23 52	11 0	5 1	19 59	3 29	24 14	1 22	26 44	5 35	19 14	1 28	3 26	2 15	18 7	0 54	1 44	2 6	39 7	15 0	21 14	21 0	14 45		n.a.
T 20	23 55	14 41	4 39	19 53	3 36	24 2	1 21	26 48	5 37	19 11	1 28	3 25	2 15	18 8	0 54	1 44	2 6	39 6	15 0	21 16	21 0	14 48		n.a.
F 21	23 58	17 48	4 5	19 48	3 41	23 50	1 20	26 51	5 39	19 8	1 27	3 24	2 15	18 8	0 54	1 44	2 6	39 6	15 0	21 17	21 1	14 50		n.a.
S 22	24 1	20 10	3 20	19 45	3 46	23 37	1 18	26 55	5 40	19 4	1 27	3 23	2 14	18 9	0 54	1 43	2 6	39 6	15 0	21 18	21 2	14 52		n.a.
S 23	24 3	21 41	2 26	19 44	3 49	23 23	1 17	26 59	5 42	19 1	1 27	3 23	2 14	18 9	0 54	1 43	2 6	39 6	15 0	21 19	21 2	14 54		n.a.
M24	24 4	22 12	1 24	19 45	3 51	23 8	1 15	27 3	5 44	18 57	1 27	3 22	2 14	18 10	0 54	1 43	2 6	39 7	15 0	21 19	21 3	14 56		n.a.
T 25	24 6	21 39	0 18	19 48	3 52	22 53	1 14	27 7	5 45	18 54	1 27	3 20	2 14	18 10	0 54	1 43	2 7	39 7	15 0	21 20	21 4	14 58		n.a.
W26	24 6	20 3	0n50	19 53	3 51	22 37	1 12	27 11	5 46	18 50	1 26	3 19	2 13	18 11	0 54	1 43	2 7	39 7	15 0	21 20	21 4	15 0		n.a.
T 27	24 7	17 26	1 57	20 1	3 47	22 20	1 10	27 14	5 48	18 47	1 26	3 18	2 13	18 11	0 54	1 43	2 7	39 7	15 0	21 19	21 5	15 2		n.a.
F 28	24 7	13 55	2 59	20 10	3 42	22 3	1 9	27 18	5 49	18 43	1 26	3 17	2 13	18 12	0 54	1 43	2 7	39 7	15 0	21 19	21 6	15 4		n.a.
S 29	24 6	9 40	3 53	20 21	3 35	21 45	1 7	27 22	5 50	18 40	1 26	3 16	2 13	18 12	0 54	1 43	2 7	39 7	15 0	21 19	21 6	15 6		n.a.
S 30	24 5	4 51	4 36	20 33	3 26	21 27	1 5	27 26	5 50	18 36	1 26	3 15	2 12	18 13	0 54	1 43	2 7	39 7	15 0	21 19	21 7	15 8		n.a.
M31	24n 3	0s20	5n 4	20n48	3s14	21n 8	1n 3	27s30	5s51	18n33	1n26	3n14	2n12	18s13	0s54	1s43	2s 7	39n 7	15n 0	21n19	21n 8	15n10		n.a.

Julian Day Number = 187919.5, Delta T = 32h33m30s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'04, Lahiri = -61°38'04 Julian Calendar 1 July 4199 BCE == Greg. Calendar 29 May 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

AUGUST 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 27 39	4♋46'37	26♎26	3°R39	3♌56	24°R37	13♌54	27♍ 4	13°R 5	0♈33	0♋42	27°R11	28♋ 2	25♉19	n.a.	T 1
W 2	18 31 36	5°46'03	10♏56	2♋32	5°10	24♑19	14° 5	27° 7	13♒ 3	0°33	0°44	27♋ 9	27°59	25°26	n.a.	W 2
T 3	18 35 32	6°45'32	25°41	1°29	6°23	24° 1	14°17	27° 9	13° 1	0°33	0°46	27° 6	27°56	25°33	n.a.	T 3
F 4	18 39 29	7°45'02	10♐35	0°32	7°37	23°42	14°29	27°12	12°59	0°33	0°48	27° 3	27°53	25°39	n.a.	F 4
S 5	18 43 25	8°44'35	25°30	29♊42	8°51	23°23	14°41	27°15	12°57	0°33	0°51	27° 1	27°50	25°46	n.a.	S 5
S 6	18 47 22	9°44'10	10♑19	29° 0	10° 5	23° 4	14°53	27°18	12°56	0°33	0°53	27° 0	27°46	25°53	n.a.	S 6
M 7	18 51 18	10°43'47	24°52	28°28	11°18	22°44	15° 5	27°21	12°54	0°R33	0°55	26°D59	27°43	25°59	n.a.	M 7
T 8	18 55 15	11°43'27	9♒ 5	28° 7	12°32	22°24	15°18	27°24	12°52	0°33	0°57	26°59	27°40	26° 6	n.a.	T 8
W 9	18 59 12	12°43'09	22°54	27°D56	13°45	22° 3	15°30	27°28	12°50	0°33	1° 0	27° 0	27°37	26°13	n.a.	W 9
T 10	19 3 8	13°42'53	6♓18	27°56	14°59	21°42	15°42	27°31	12°47	0°33	1° 2	27° 1	27°34	26°20	n.a.	T 10
F 11	19 7 5	14°42'40	19°17	28° 7	16°13	21°22	15°55	27°35	12°45	0°33	1° 4	27° 2	27°31	26°26	n.a.	F 11
S 12	19 11 1	15°42'29	1♈54	28°29	17°26	21° 1	16° 7	27°38	12°43	0°33	1° 6	27° 3	27°27	26°33	n.a.	S 12
S 13	19 14 58	16°42'21	14°13	29° 0	18°40	20°39	16°20	27°42	12°41	0°33	1° 8	27°R 4	27°24	26°40	n.a.	S 13
M14	19 18 54	17°42'15	26°18	29°41	19°53	20°18	16°32	27°45	12°39	0°32	1°11	27° 4	27°21	26°46	n.a.	M14
T 15	19 22 51	18°42'12	8♉15	0♋30	21° 7	19°57	16°45	27°49	12°37	0°32	1°13	27° 3	27°18	26°53	n.a.	T 15
W16	19 26 47	19°42'11	20° 6	1°27	22°20	19°36	16°57	27°53	12°34	0°32	1°15	27° 2	27°15	27° 0	n.a.	W16
T 17	19 30 44	20°42'13	1♊57	2°30	23°34	19°15	17°10	27°57	12°32	0°31	1°17	27° 1	27°12	27° 7	n.a.	T 17
F 18	19 34 40	21°42'17	13°52	3°40	24°47	18°54	17°23	28° 1	12°30	0°31	1°19	27° 0	27° 8	27°13	n.a.	F 18
S 19	19 38 37	22°42'23	25°53	4°55	26° 0	18°34	17°36	28° 5	12°28	0°31	1°21	27° 0	27° 5	27°20	n.a.	S 19
S 20	19 42 33	23°42'32	8♋ 3	6°15	27°14	18°14	17°48	28° 9	12°25	0°30	1°23	26°59	27° 2	27°27	n.a.	S 20
M21	19 46 30	24°42'43	20°24	7°38	28°27	17°54	18° 1	28°13	12°23	0°30	1°25	26°59	26°59	27°33	n.a.	M21
T 22	19 50 26	25°42'56	2♌58	9° 5	29°40	17°34	18°14	28°18	12°21	0°29	1°28	26°D59	26°56	27°40	n.a.	T 22
W23	19 54 23	26°43'11	15°44	10°35	0♍54	17°15	18°27	28°22	12°18	0°29	1°30	26°R59	26°52	27°47	n.a.	W23
T 24	19 58 20	27°43'28	28°43	12° 7	2° 7	16°56	18°40	28°27	12°16	0°28	1°32	26°59	26°49	27°54	n.a.	T 24
F 25	20 2 16	28°43'46	11♍56	13°41	3°20	16°38	18°53	28°31	12°14	0°28	1°34	26°59	26°46	28° 0	n.a.	F 25
S 26	20 6 13	29°44'07	25°22	15°17	4°33	16°21	19° 6	28°36	12°11	0°27	1°36	26°59	26°43	28° 7	n.a.	S 26
S 27	20 10 9	0♌44'29	9♎ 2	16°53	5°46	16° 3	19°19	28°41	12° 9	0°26	1°38	26°59	26°40	28°14	n.a.	S 27
M28	20 14 6	1°44'54	22°53	18°31	6°59	15°47	19°32	28°45	12° 6	0°26	1°40	26°58	26°37	28°20	n.a.	M28
T 29	20 18 2	2°45'19	6♏57	20° 9	8°13	15°31	19°45	28°50	12° 4	0°25	1°42	26°D58	26°33	28°27	n.a.	T 29
W30	20 21 59	3°45'47	21°11	21°48	9°26	15°16	19°59	28°55	12° 1	0°24	1°44	26°59	26°30	28°34	n.a.	W30
T 31	20 25 55	4♌46'16	5♐32	23♋27	10♍39	15♑ 2	20♌12	29♍ 0	11♒59	0♈23	1♋46	26♋59	26♋27	28♉40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	24n 1	5s36	5n15	21n 3	3s 1	20n48	1n 1	27s34	5s52	18n29	1n25	3n12	2n12	18s14	0s54	1s43	2s 7	39n 7	15n 0	21n19	21n 8	15n12			n.a.
W 2	23 59	10 41	5 6	21 20	2 46	20 28	0 59	27 38	5 52	18 25	1 25	3 11	2 12	18 14	0 54	1 43	2 7	39 7	15 0	21 19	21 9	15 14			n.a.
T 3	23 56	15 15	4 37	21 38	2 29	20 7	0 57	27 41	5 52	18 22	1 25	3 10	2 11	18 15	0 55	1 43	2 7	39 7	15 0	21 20	21 10	15 16			n.a.
F 4	23 53	18 53	3 49	21 56	2 11	19 46	0 55	27 45	5 52	18 18	1 25	3 8	2 11	18 15	0 55	1 43	2 7	39 7	15 0	21 20	21 10	15 18			n.a.
S 5	23 49	21 17	2 45	22 15	1 52	19 24	0 52	27 48	5 52	18 14	1 25	3 7	2 11	18 16	0 55	1 43	2 7	39 7	15 1	21 21	21 11	15 20			n.a.
S 6	23 45	22 11	1 31	22 33	1 33	19 1	0 50	27 51	5 52	18 10	1 25	3 5	2 11	18 17	0 55	1 43	2 7	39 7	15 1	21 21	21 12	15 22			n.a.
M 7	23 40	21 34	0 12	22 53	1 14	18 38	0 48	27 55	5 52	18 6	1 24	3 4	2 10	18 17	0 55	1 43	2 7	39 7	15 1	21 21	21 12	15 24			n.a.
T 8	23 35	19 33	1s 7	23 11	0 55	18 15	0 45	27 58	5 51	18 3	1 24	3 2	2 10	18 18	0 55	1 43	2 7	39 8	15 1	21 21	21 13	15 26			n.a.
W 9	23 29	16 26	2 19	23 30	0 36	17 51	0 43	28 1	5 50	17 59	1 24	3 1	2 10	18 19	0 55	1 43	2 8	39 8	15 1	21 21	21 13	15 28			n.a.
T 10	23 23	12 33	3 21	23 48	0 18	17 26	0 40	28 3	5 50	17 55	1 24	2 59	2 10	18 19	0 55	1 43	2 8	39 8	15 1	21 21	21 14	15 30			n.a.
F 11	23 16	8 11	4 11	24 5	0 1	17 1	0 38	28 6	5 49	17 51	1 24	2 57	2 9	18 20	0 55	1 43	2 8	39 8	15 1	21 20	21 15	15 32			n.a.
S 12	23 9	3 35	4 47	24 22	0n15	16 36	0 35	28 8	5 47	17 47	1 24	2 56	2 9	18 20	0 55	1 43	2 8	39 8	15 2	21 20	21 15	15 34			n.a.
S 13	23 2	1n 2	5 9	24 37	0 30	16 10	0 32	28 10	5 46	17 43	1 24	2 54	2 9	18 21	0 55	1 43	2 8	39 8	15 2	21 20	21 16	15 36			n.a.
M14	22 54	5 31	5 17	24 51	0 44	15 44	0 30	28 12	5 44	17 39	1 24	2 52	2 9	18 22	0 55	1 43	2 8	39 8	15 2	21 20	21 17	15 38			n.a.
T 15	22 46	9 45	5 11	25 3	0 57	15 17	0 27	28 14	5 43	17 35	1 23	2 51	2 8	18 22	0 55	1 44	2 8	39 9	15 2	21 20	21 17	15 40			n.a.
W16	22 37	13 35	4 52	25 14	1 8	14 50	0 24	28 15	5 41	17 31	1 23	2 49	2 8	18 23	0 55	1 44	2 8	39 9	15 2	21 20	21 18	15 42			n.a.
T 17	22 28	16 54	4 20	25 23	1 18	14 23	0 21	28 17	5 39	17 27	1 23	2 47	2 8	18 24	0 55	1 44	2 8	39 9	15 2	21 21	21 19	15 44			n.a.
F 18	22 18	19 31	3 37	25 30	1 27	13 55	0 18	28 18	5 37	17 23	1 23	2 45	2 8	18 24	0 55	1 44	2 8	39 9	15 3	21 21	21 19	15 45			n.a.
S 19	22 8	21 19	2 44	25 35	1 34	13 27	0 15	28 18	5 35	17 18	1 23	2 43	2 7	18 25	0 55	1 44	2 8	39 9	15 3	21 21	21 20	15 47			n.a.
S 20	21 58	22 9	1 43	25 38	1 41	12 58	0 12	28 19	5 32	17 14	1 23	2 41	2 7	18 26	0 55	1 45	2 8	39 10	15 3	21 21	21 21	15 49			n.a.
M21	21 47	21 55	0 36	25 39	1 46	12 30	0 9	28 19	5 30	17 10	1 23	2 39	2 7	18 26	0 55	1 45	2 8	39 10	15 3	21 21	21 21	15 51			n.a.
T 22	21 36	20 35	0n33	25 38	1 51	12 0	0 6	28 19	5 27	17 6	1 23	2 37	2 7	18 27	0 55	1 45	2 8	39 10	15 4	21 21	21 22	15 53			n.a.
W23	21 24	18 12	1 42	25 34	1 54	11 31	0 3	28 19	5 24	17 2	1 22	2 35	2 7	18 28	0 55	1 45	2 8	39 10	15 4	21 21	21 22	15 55			n.a.
T 24	21 12	14 51	2 47	25 29	1 57	11 1	0 0	28 19	5 21	16 57	1 22	2 33	2 6	18 29	0 55	1 46	2 9	39 10	15 4	21 21	21 23	15 57			n.a.
F 25	21 0	10 43	3 45	25 21	1 58	10 31	0s 3	28 18	5 18	16 53	1 22	2 31	2 6	18 29	0 55	1 46	2 9	39 11	15 4	21 21	21 24	15 59			n.a.
S 26	20 47	6 0	4 30	25 11	1 59	10 1	0 6	28 18	5 15	16 49	1 22	2 29	2 6	18 30	0 55	1 46	2 9	39 11	15 5	21 21	21 24	16 1			n.a.
S 27	20 33	0 56	5 2	25 0	2 0	9 31	0 9	28 17	5 12	16 44	1 22	2 27	2 6	18 31	0 55	1 47	2 9	39 11	15 5	21 21	21 25	16 3			n.a.
M28	20 20	4s16	5 17	24 46	1 59	9 0	0 12	28 15	5 9	16 40	1 22	2 25	2 5	18 31	0 55	1 47	2 9	39 11	15 5	21 21	21 26	16 5			n.a.
T 29	20 6	9 18	5 13	24 30	1 59	8 29	0 16	28 14	5 5	16 36	1 22	2 23	2 5	18 32	0 55	1 47	2 9	39 12	15 6	21 21	21 26	16 7			n.a.
W30	19 51	13 55	4 50	24 13	1 57	7 58	0 19	28 12	5 2	16 31	1 22	2 21	2 5	18 33	0 55	1 48	2 9	39 12	15 6	21 21	21 27	16 9			n.a.
T 31	19n36	17s46	4n 8	23n54	1n55	7n27	0s22	28s11	4s58	16n27	1n22	2n18	2n 5	18s34	0s55	1s48	2s 9	39n12	15n 6	21n21	21n27	16n11			n.a.

Julian Day Number = 187950.5, Delta T = 32h33m27s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°45'00, Lahiri = -61°38'00 Julian Calendar 1 Aug. 4199 BCE == Greg. Calendar 29 June 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

SEPTEMBER 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 29 52	5♌46'47	19♐59	25♋ 6	11♍51	14°R48	20♌25	29♍ 5	11°R56	0°R22	1♋48	27♋ 0	26♋24	28♉47	n.a.	F 1
S 2	20 33 48	6°47'19	4♑26	26°45	13° 4	14♑35	20°38	29°10	11♒54	0♈22	1°50	27° 1	26°21	28°54	n.a.	S 2
S 3	20 37 45	7°47'53	18°49	28°25	14°17	14°23	20°52	29°15	11°51	0°21	1°52	27° 1	26°18	29° 1	n.a.	S 3
M 4	20 41 41	8°48'29	3♒ 2	0♌ 4	15°30	14°11	21° 5	29°21	11°49	0°20	1°53	27°R 1	26°14	29° 7	n.a.	M 4
T 5	20 45 38	9°49'07	17° 2	1°43	16°43	14° 1	21°18	29°26	11°47	0°19	1°55	27° 1	26°11	29°14	n.a.	T 5
W 6	20 49 34	10°49'46	0♓43	3°22	17°56	13°51	21°32	29°31	11°44	0°18	1°57	26°59	26° 8	29°21	n.a.	W 6
T 7	20 53 31	11°50'27	14° 5	5° 0	19° 8	13°41	21°45	29°37	11°42	0°17	1°59	26°57	26° 5	29°27	n.a.	T 7
F 8	20 57 28	12°51'10	27° 5	6°39	20°21	13°33	21°58	29°42	11°39	0°16	2° 1	26°55	26° 2	29°34	n.a.	F 8
S 9	21 1 24	13°51'55	9♈45	8°17	21°34	13°26	22°12	29°48	11°37	0°15	2° 3	26°53	25°58	29°41	n.a.	S 9
S 10	21 5 21	14°52'42	22° 7	9°55	22°46	13°19	22°25	29°53	11°34	0°14	2° 4	26°51	25°55	29°47	n.a.	S 10
M11	21 9 17	15°53'31	4♉15	11°33	23°59	13°13	22°39	29°59	11°32	0°13	2° 6	26°49	25°52	29°54	n.a.	M11
T 12	21 13 14	16°54'21	16°12	13°10	25°11	13° 8	22°52	0♎ 5	11°29	0°12	2° 8	26°D49	25°49	0♊ 1	n.a.	T 12
W13	21 17 10	17°55'14	28° 4	14°47	26°23	13° 4	23° 6	0°10	11°27	0°10	2°10	26°49	25°46	0° 8	n.a.	W13
T 14	21 21 7	18°56'08	9♊55	16°24	27°36	13° 0	23°19	0°16	11°24	0° 9	2°11	26°50	25°43	0°14	n.a.	T 14
F 15	21 25 3	19°57'04	21°50	18° 0	28°48	12°58	23°33	0°22	11°22	0° 8	2°13	26°52	25°39	0°21	n.a.	F 15
S 16	21 29 0	20°58'02	3♋54	19°36	0♎ 0	12°56	23°46	0°28	11°19	0° 7	2°15	26°54	25°36	0°28	n.a.	S 16
S 17	21 32 56	21°59'02	16°11	21°12	1°13	12°55	24° 0	0°34	11°17	0° 6	2°16	26°55	25°33	0°34	n.a.	S 17
M18	21 36 53	23° 0'03	28°43	22°48	2°25	12°D54	24°13	0°40	11°14	0° 4	2°18	26°R55	25°30	0°41	n.a.	M18
T 19	21 40 50	24° 1'05	11♌33	24°23	3°37	12°55	24°27	0°46	11°12	0° 3	2°19	26°55	25°27	0°48	n.a.	T 19
W20	21 44 46	25° 2'09	24°40	25°58	4°49	12°56	24°40	0°52	11°10	0° 2	2°21	26°52	25°23	0°54	n.a.	W20
T 21	21 48 43	26° 3'14	8♍ 5	27°33	6° 1	12°59	24°54	0°58	11° 7	0° 0	2°22	26°49	25°20	1° 1	n.a.	T 21
F 22	21 52 39	27° 4'21	21°46	29° 8	7°13	13° 1	25° 7	1° 4	11° 5	29♓59	2°24	26°44	25°17	1° 8	n.a.	F 22
S 23	21 56 36	28° 5'28	5♎39	0♍43	8°25	13° 5	25°21	1°11	11° 2	29°58	2°25	26°39	25°14	1°15	n.a.	S 23
S 24	22 0 32	29° 6'37	19°40	2°17	9°37	13°10	25°34	1°17	11° 0	29°56	2°27	26°34	25°11	1°21	n.a.	S 24
M25	22 4 29	0♍ 7'46	3♏48	3°52	10°48	13°15	25°48	1°23	10°58	29°55	2°28	26°30	25° 8	1°28	n.a.	M25
T 26	22 8 25	1° 8'57	17°58	5°26	12° 0	13°21	26° 1	1°30	10°55	29°53	2°30	26°28	25° 4	1°35	n.a.	T 26
W27	22 12 22	2°10'08	2♐ 7	7° 0	13°12	13°27	26°15	1°36	10°53	29°52	2°31	26°D27	25° 1	1°41	n.a.	W27
T 28	22 16 19	3°11'20	16°15	8°34	14°23	13°35	26°28	1°42	10°51	29°50	2°32	26°27	24°58	1°48	n.a.	T 28
F 29	22 20 15	4°12'32	0♑19	10° 8	15°35	13°43	26°42	1°49	10°49	29°49	2°34	26°29	24°55	1°55	n.a.	F 29
S 30	22 24 12	5♍13'46	14♑19	11♍42	16♎46	13♑51	26♌55	1♎55	10♒46	29♓47	2♋35	26♋30	24♋52	2♊ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n21	20s33	3n11	23n34	1n53	6n55	0s25	28s 9	4s55	16n23	1n22	2n16	2n 5	18s34	0s55	1s49	2s 9	39n13	15n 6	21n21	21n28	16n13		n.a.
S 2	19 6	22 0	2 2	23 12	1 50	6 24	0 29	28 6	4 51	16 18	1 22	2 14	2 4	18 35	0 55	1 49	2 9	39 13	15 7	21 21	21 29	16 15		n.a.
S 3	18 50	22 0	0 45	22 48	1 47	5 52	0 32	28 4	4 47	16 14	1 22	2 12	2 4	18 36	0 55	1 49	2 9	39 13	15 7	21 21	21 29	16 17		n.a.
M 4	18 34	20 34	0s33	22 23	1 43	5 20	0 35	28 2	4 43	16 9	1 21	2 9	2 4	18 36	0 55	1 50	2 9	39 13	15 7	21 21	21 30	16 19		n.a.
T 5	18 17	17 53	1 49	21 57	1 39	4 48	0 38	27 59	4 40	16 5	1 21	2 7	2 4	18 37	0 55	1 50	2 9	39 14	15 8	21 21	21 31	16 21		n.a.
W 6	18 0	14 15	2 56	21 29	1 35	4 16	0 42	27 57	4 36	16 0	1 21	2 5	2 4	18 38	0 55	1 51	2 9	39 14	15 8	21 21	21 31	16 22		n.a.
T 7	17 43	9 59	3 52	21 1	1 30	3 44	0 45	27 54	4 32	15 56	1 21	2 2	2 4	18 39	0 55	1 51	2 9	39 14	15 9	21 21	21 32	16 24		n.a.
F 8	17 26	5 22	4 34	20 31	1 26	3 11	0 48	27 51	4 28	15 51	1 21	2 0	2 3	18 39	0 55	1 52	2 9	39 15	15 9	21 22	21 32	16 26		n.a.
S 9	17 8	0 38	5 2	20 0	1 21	2 39	0 52	27 48	4 24	15 47	1 21	1 57	2 3	18 40	0 55	1 52	2 9	39 15	15 9	21 22	21 33	16 28		n.a.
S 10	16 50	4n 0	5 15	19 28	1 16	2 7	0 55	27 44	4 20	15 42	1 21	1 55	2 3	18 41	0 55	1 52	2 9	39 15	15 10	21 23	21 34	16 30		n.a.
M11	16 31	8 24	5 13	18 56	1 10	1 34	0 58	27 41	4 16	15 37	1 21	1 53	2 3	18 41	0 55	1 53	2 9	39 16	15 10	21 23	21 34	16 32		n.a.
T 12	16 12	12 24	4 58	18 22	1 5	1 2	1 2	27 38	4 12	15 33	1 21	1 50	2 3	18 42	0 55	1 53	2 10	39 16	15 10	21 23	21 35	16 34		n.a.
W13	15 53	15 54	4 30	17 48	0 59	0 29	1 5	27 34	4 8	15 28	1 21	1 48	2 2	18 43	0 55	1 54	2 10	39 16	15 11	21 23	21 35	16 36		n.a.
T 14	15 34	18 46	3 51	17 13	0 53	0s 3	1 8	27 31	4 4	15 24	1 21	1 45	2 2	18 44	0 55	1 55	2 10	39 17	15 11	21 23	21 36	16 38		n.a.
F 15	15 14	20 50	3 1	16 37	0 47	0 36	1 11	27 27	4 1	15 19	1 21	1 42	2 2	18 44	0 55	1 55	2 10	39 17	15 12	21 23	21 37	16 40		n.a.
S 16	14 55	22 0	2 3	16 1	0 41	1 8	1 14	27 23	3 57	15 14	1 21	1 40	2 2	18 45	0 55	1 56	2 10	39 18	15 12	21 22	21 37	16 42		n.a.
S 17	14 34	22 8	0 59	15 23	0 35	1 41	1 18	27 20	3 53	15 10	1 21	1 37	2 2	18 46	0 55	1 56	2 10	39 18	15 12	21 22	21 38	16 43		n.a.
M18	14 14	21 9	0n10	14 46	0 29	2 13	1 21	27 16	3 49	15 5	1 21	1 35	2 2	18 46	0 55	1 57	2 10	39 18	15 13	21 22	21 38	16 45		n.a.
T 19	13 53	19 5	1 19	14 7	0 23	2 45	1 24	27 12	3 45	15 0	1 21	1 32	2 1	18 47	0 55	1 57	2 10	39 19	15 13	21 22	21 39	16 47		n.a.
W20	13 32	15 57	2 26	13 29	0 17	3 18	1 27	27 8	3 41	14 56	1 21	1 29	2 1	18 48	0 55	1 58	2 10	39 19	15 14	21 22	21 40	16 49		n.a.
T 21	13 11	11 57	3 27	12 49	0 10	3 50	1 30	27 4	3 37	14 51	1 21	1 27	2 1	18 48	0 55	1 58	2 10	39 20	15 14	21 23	21 40	16 51		n.a.
F 22	12 50	7 15	4 16	12 10	0 4	4 22	1 33	27 0	3 33	14 46	1 21	1 24	2 1	18 49	0 55	1 59	2 10	39 20	15 15	21 24	21 41	16 53		n.a.
S 23	12 28	2 8	4 51	11 30	0s 2	4 54	1 36	26 56	3 30	14 42	1 21	1 21	2 1	18 50	0 55	2 0	2 10	39 20	15 15	21 25	21 41	16 55		n.a.
S 24	12 6	3s 9	5 10	10 49	0 9	5 25	1 39	26 52	3 26	14 37	1 21	1 19	2 1	18 50	0 55	2 0	2 10	39 21	15 16	21 26	21 42	16 57		n.a.
M25	11 44	8 18	5 9	10 8	0 15	5 57	1 42	26 47	3 22	14 32	1 21	1 16	2 1	18 51	0 55	2 1	2 10	39 21	15 16	21 27	21 43	16 59		n.a.
T 26	11 22	13 1	4 50	9 27	0 21	6 29	1 45	26 43	3 19	14 27	1 21	1 13	2 0	18 52	0 55	2 1	2 10	39 22	15 16	21 27	21 43	17 0		n.a.
W27	11 0	17 2	4 14	8 46	0 27	7 0	1 48	26 39	3 15	14 23	1 21	1 11	2 0	18 52	0 55	2 2	2 10	39 22	15 17	21 27	21 44	17 2		n.a.
T 28	10 37	20 2	3 22	8 4	0 34	7 31	1 51	26 34	3 11	14 18	1 20	1 8	2 0	18 53	0 55	2 3	2 10	39 23	15 17	21 27	21 44	17 4		n.a.
F 29	10 14	21 49	2 18	7 22	0 40	8 2	1 54	26 30	3 8	14 13	1 20	1 5	2 0	18 53	0 55	2 3	2 10	39 23	15 18	21 27	21 45	17 6		n.a.
S 30	9n51	22s14	1n 6	6n40	0s46	8s33	1s56	26s26	3s 4	14n 8	1n20	1n 2	2n 0	18s54	0s55	2s 4	2s10	39n24	15n18	21n27	21n46	17n 8		n.a.

Julian Day Number = 187981.5, Delta T = 32h33m24s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'56, Lahiri = -61°37'55 Julian Calendar 1 Sept. 4199 BCE == Greg. Calendar 30 July 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

OCTOBER 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 28 8	6♍15'00	28♉13	13♍16	17♎57	14♉ 1	27♌ 9	2♎ 2	10°R44	29°R46	2♋36	26°R31	24♋49	2♊ 8	n.a.	S 1
M 2	22 32 5	7°16'14	11♒58	14°49	19° 8	14°11	27°22	2° 8	10♒42	29♓44	2°37	26♋30	24°45	2°15	n.a.	M 2
T 3	22 36 1	8°17'30	25°33	16°23	20°19	14°22	27°36	2°15	10°40	29°43	2°39	26°27	24°42	2°22	n.a.	T 3
W 4	22 39 58	9°18'46	8♓56	17°57	21°30	14°33	27°49	2°22	10°38	29°41	2°40	26°21	24°39	2°28	n.a.	W 4
T 5	22 43 54	10°20'02	22° 4	19°30	22°41	14°45	28° 2	2°28	10°36	29°40	2°41	26°14	24°36	2°35	n.a.	T 5
F 6	22 47 51	11°21'20	4♈57	21° 4	23°52	14°57	28°16	2°35	10°34	29°38	2°42	26° 5	24°33	2°42	n.a.	F 6
S 7	22 51 48	12°22'38	17°33	22°37	25° 3	15°10	28°29	2°42	10°32	29°36	2°43	25°57	24°29	2°48	n.a.	S 7
S 8	22 55 44	13°23'58	29°54	24°11	26°14	15°24	28°42	2°49	10°30	29°35	2°44	25°48	24°26	2°55	n.a.	S 8
M 9	22 59 41	14°25'18	12♉ 1	25°44	27°24	15°38	28°56	2°55	10°28	29°33	2°45	25°42	24°23	3° 2	n.a.	M 9
T 10	23 3 37	15°26'39	23°59	27°17	28°35	15°53	29° 9	3° 2	10°26	29°32	2°46	25°37	24°20	3° 8	n.a.	T 10
W11	23 7 34	16°28'00	5♊50	28°51	29°45	16° 8	29°22	3° 9	10°24	29°30	2°47	25°34	24°17	3°15	n.a.	W11
T 12	23 11 30	17°29'23	17°40	0♎24	0♏55	16°24	29°35	3°16	10°22	29°28	2°48	25°D33	24°14	3°22	n.a.	T 12
F 13	23 15 27	18°30'46	29°34	1°56	2° 5	16°40	29°49	3°23	10°20	29°27	2°49	25°34	24°10	3°28	n.a.	F 13
S 14	23 19 24	19°32'10	11♋37	3°29	3°15	16°57	0♍ 2	3°30	10°18	29°25	2°50	25°35	24° 7	3°35	n.a.	S 14
S 15	23 23 20	20°33'34	23°54	5° 1	4°25	17°14	0°15	3°36	10°17	29°23	2°50	25°R36	24° 4	3°42	n.a.	S 15
M16	23 27 17	21°34'59	6♌31	6°33	5°35	17°32	0°28	3°43	10°15	29°22	2°51	25°35	24° 1	3°49	n.a.	M16
T 17	23 31 13	22°36'25	19°29	8° 4	6°44	17°50	0°41	3°50	10°13	29°20	2°52	25°32	23°58	3°55	n.a.	T 17
W18	23 35 10	23°37'51	2♍52	9°35	7°54	18° 8	0°54	3°57	10°12	29°18	2°53	25°27	23°55	4° 2	n.a.	W18
T 19	23 39 6	24°39'17	16°38	11° 5	9° 3	18°27	1° 7	4° 4	10°10	29°16	2°53	25°19	23°51	4° 9	n.a.	T 19
F 20	23 43 3	25°40'43	0♎45	12°34	10°13	18°47	1°20	4°11	10° 8	29°15	2°54	25° 9	23°48	4°15	n.a.	F 20
S 21	23 47 0	26°42'09	15° 8	14° 1	11°22	19° 7	1°33	4°18	10° 7	29°13	2°55	24°59	23°45	4°22	n.a.	S 21
S 22	23 50 56	27°43'35	29°39	15°28	12°31	19°27	1°46	4°25	10° 5	29°11	2°55	24°49	23°42	4°29	n.a.	S 22
M23	23 54 53	28°45'02	14♏13	16°53	13°39	19°48	1°59	4°32	10° 4	29°10	2°56	24°40	23°39	4°35	n.a.	M23
T 24	23 58 49	29°46'28	28°42	18°15	14°48	20° 9	2°11	4°39	10° 3	29° 8	2°56	24°34	23°35	4°42	n.a.	T 24
W25	0 2 46	0♎47'53	13♐ 3	19°36	15°57	20°31	2°24	4°46	10° 1	29° 6	2°57	24°30	23°32	4°49	n.a.	W25
T 26	0 6 42	1°49'18	27°12	20°53	17° 5	20°53	2°37	4°53	10° 0	29° 4	2°57	24°D29	23°29	4°55	n.a.	T 26
F 27	0 10 39	2°50'43	11♉ 8	22° 7	18°13	21°15	2°49	5° 0	9°59	29° 3	2°57	24°29	23°26	5° 2	n.a.	F 27
S 28	0 14 36	3°52'07	24°52	23°18	19°21	21°38	3° 2	5° 7	9°58	29° 1	2°58	24°R29	23°23	5° 9	n.a.	S 28
S 29	0 18 32	4°53'31	8♒23	24°23	20°29	22° 1	3°15	5°14	9°56	28°59	2°58	24°28	23°20	5°16	n.a.	S 29
M30	0 22 29	5°54'54	21°44	25°24	21°36	22°24	3°27	5°21	9°55	28°58	2°58	24°25	23°16	5°22	n.a.	M30
T 31	0 26 25	6♎56'17	4♓54	26♎19	22♏44	22♉48	3♍39	5♎28	9♒54	28♓56	2♋59	24♋20	23♋13	5♊29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	9n28	21s15	0s 9	5n58	0s52	9s 4	1s59	26s21	3s 1	14n 4	1n20	1n 0	2n 0	18s55	0s55	2s 5	2s10	39n24	15n19	21n27	21n46	17n10		n.a.	S 1
M 2	9 5	19 1	1 23	5 15	0 58	9 34	2 2	26 17	2 57	13 59	1 20	0 57	2 0	18 55	0 55	2 5	2 10	39 24	15 19	21 27	21 47	17 12		n.a.	M 2
T 3	8 41	15 43	2 31	4 33	1 4	10 4	2 4	26 12	2 54	13 54	1 20	0 54	2 0	18 56	0 55	2 6	2 10	39 25	15 20	21 28	21 47	17 14		n.a.	T 3
W 4	8 18	11 40	3 29	3 50	1 10	10 34	2 7	26 7	2 51	13 49	1 20	0 51	1 59	18 56	0 55	2 7	2 10	39 25	15 20	21 29	21 48	17 15		n.a.	W 4
T 5	7 54	7 7	4 15	3 7	1 15	11 3	2 9	26 3	2 47	13 45	1 21	0 48	1 59	18 57	0 55	2 7	2 10	39 26	15 21	21 30	21 49	17 17		n.a.	T 5
F 6	7 30	2 21	4 47	2 24	1 21	11 33	2 11	25 58	2 44	13 40	1 21	0 45	1 59	18 57	0 55	2 8	2 10	39 26	15 21	21 32	21 49	17 19		n.a.	F 6
S 7	7 6	2n24	5 4	1 42	1 26	12 2	2 14	25 53	2 41	13 35	1 21	0 43	1 59	18 58	0 55	2 9	2 10	39 27	15 22	21 33	21 50	17 21		n.a.	S 7
S 8	6 42	6 59	5 7	0 59	1 31	12 30	2 16	25 49	2 38	13 30	1 21	0 40	1 59	18 59	0 55	2 9	2 10	39 27	15 22	21 35	21 50	17 23		n.a.	S 8
M 9	6 18	11 12	4 55	0 17	1 36	12 59	2 18	25 44	2 35	13 26	1 21	0 37	1 59	18 59	0 55	2 10	2 10	39 28	15 23	21 36	21 51	17 25		n.a.	M 9
T 10	5 54	14 55	4 31	0s26	1 41	13 27	2 20	25 39	2 31	13 21	1 21	0 34	1 59	19 0	0 55	2 11	2 10	39 28	15 23	21 37	21 51	17 26		n.a.	T 10
W11	5 29	18 2	3 55	1 8	1 45	13 54	2 22	25 34	2 28	13 16	1 21	0 31	1 59	19 0	0 54	2 11	2 10	39 29	15 24	21 38	21 52	17 28		n.a.	W11
T 12	5 5	20 23	3 10	1 50	1 50	14 22	2 24	25 29	2 25	13 11	1 21	0 28	1 59	19 1	0 54	2 12	2 10	39 29	15 24	21 38	21 53	17 30		n.a.	T 12
F 13	4 40	21 52	2 15	2 31	1 54	14 48	2 26	25 24	2 22	13 7	1 21	0 25	1 59	19 1	0 54	2 13	2 10	39 30	15 25	21 38	21 53	17 32		n.a.	F 13
S 14	4 15	22 21	1 14	3 12	1 57	15 15	2 28	25 19	2 19	13 2	1 21	0 23	1 58	19 2	0 54	2 13	2 10	39 30	15 26	21 37	21 54	17 34		n.a.	S 14
S 15	3 51	21 47	0 9	3 53	2 1	15 41	2 29	25 14	2 17	12 57	1 21	0 20	1 58	19 2	0 54	2 14	2 10	39 31	15 26	21 37	21 54	17 36		n.a.	S 15
M16	3 26	20 7	0n58	4 33	2 4	16 7	2 31	25 8	2 14	12 52	1 21	0 17	1 58	19 2	0 54	2 15	2 10	39 31	15 27	21 37	21 55	17 37		n.a.	M16
T 17	3 1	17 21	2 4	5 13	2 6	16 32	2 32	25 3	2 11	12 48	1 21	0 14	1 58	19 3	0 54	2 15	2 10	39 32	15 27	21 38	21 55	17 39		n.a.	T 17
W18	2 36	13 37	3 6	5 51	2 8	16 57	2 34	24 58	2 8	12 43	1 21	0 11	1 58	19 3	0 54	2 16	2 10	39 32	15 28	21 39	21 56	17 41		n.a.	W18
T 19	2 11	9 3	3 58	6 29	2 10	17 21	2 35	24 52	2 5	12 38	1 21	0 8	1 58	19 4	0 54	2 17	2 10	39 33	15 28	21 40	21 57	17 43		n.a.	T 19
F 20	1 46	3 54	4 37	7 6	2 11	17 45	2 36	24 47	2 3	12 34	1 21	0 5	1 58	19 4	0 54	2 18	2 10	39 34	15 29	21 42	21 57	17 45		n.a.	F 20
S 21	1 21	1s33	4 59	7 42	2 12	18 9	2 37	24 41	2 0	12 29	1 21	0 2	1 58	19 4	0 54	2 18	2 10	39 34	15 29	21 44	21 58	17 46		n.a.	S 21
S 22	0 56	6 58	5 2	8 16	2 12	18 32	2 38	24 36	1 57	12 24	1 21	0s 1	1 58	19 5	0 54	2 19	2 10	39 35	15 30	21 46	21 58	17 48		n.a.	S 22
M23	0 31	12 0	4 46	8 49	2 11	18 54	2 39	24 30	1 55	12 19	1 21	0 4	1 58	19 5	0 54	2 20	2 10	39 35	15 30	21 48	21 59	17 50		n.a.	M23
T 24	0 6	16 21	4 12	9 21	2 10	19 16	2 40	24 24	1 52	12 15	1 21	0 6	1 58	19 6	0 54	2 20	2 10	39 36	15 31	21 49	21 59	17 52		n.a.	T 24
W25	0s20	19 40	3 22	9 50	2 8	19 38	2 41	24 18	1 50	12 10	1 21	0 9	1 58	19 6	0 54	2 21	2 10	39 36	15 32	21 50	22 0	17 54		n.a.	W25
T 26	0 45	21 45	2 20	10 18	2 5	19 59	2 41	24 13	1 47	12 5	1 21	0 12	1 58	19 6	0 54	2 22	2 10	39 37	15 32	21 50	22 0	17 55		n.a.	T 26
F 27	1 10	22 28	1 10	10 43	2 1	20 19	2 42	24 7	1 45	12 1	1 21	0 15	1 58	19 7	0 54	2 22	2 10	39 37	15 33	21 50	22 1	17 57		n.a.	F 27
S 28	1 35	21 48	0s 2	11 5	1 56	20 39	2 42	24 1	1 43	11 56	1 21	0 18	1 57	19 7	0 54	2 23	2 10	39 38	15 33	21 50	22 2	17 59		n.a.	S 28
S 29	2 0	19 51	1 13	11 25	1 50	20 58	2 42	23 54	1 40	11 52	1 22	0 21	1 57	19 7	0 54	2 24	2 10	39 38	15 34	21 50	22 2	18 1		n.a.	S 29
M30	2 25	16 51	2 19	11 41	1 43	21 17	2 42	23 48	1 38	11 47	1 22	0 24	1 57	19 7	0 54	2 24	2 10	39 39	15 34	21 50	22 3	18 3		n.a.	M30
T 31	2s50	13s 1	3s17	11s54	1s35	21s35	2s42	23s42	1s36	11n43	1n22	0s27	1n57	19s 8	0s54	2s25	2s10	39n39	15n35	21n51	22n 3	18n 4		n.a.	T 31

Julian Day Number = 188011.5, Delta T = 32h33m21s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'52, Lahiri = -61°37'51 Julian Calendar 1 Oct. 4199 BCE == Greg. Calendar 29 Aug. 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

NOVEMBER 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 30 22	7♎57'38	17♓53	27♎ 7	23♏51	23♉12	3♍52	5♎35	9°R53	28°R54	2♋59	24°R11	23♋10	5♊36	n.a.	W 1
T 2	0 34 18	8°59'00	0♈42	27°47	24°58	23°36	4° 4	5°42	9♒52	28♓53	2°59	23♋59	23° 7	5°42	n.a.	T 2
F 3	0 38 15	10° 0'20	13°19	28°18	26° 5	24° 0	4°16	5°50	9°51	28°51	2°59	23°46	23° 4	5°49	n.a.	F 3
S 4	0 42 12	11° 1'41	25°45	28°40	27°11	24°25	4°28	5°57	9°51	28°49	2°59	23°31	23° 0	5°56	n.a.	S 4
S 5	0 46 8	12° 3'01	7♉59	28°52	28°17	24°50	4°41	6° 4	9°50	28°48	3° 0	23°18	22°57	6° 2	n.a.	S 5
M 6	0 50 5	13° 4'20	20° 2	28°R53	29°23	25°16	4°53	6°11	9°49	28°46	3° 0	23° 6	22°54	6° 9	n.a.	M 6
T 7	0 54 1	14° 5'39	1♊57	28°42	0♐29	25°42	5° 5	6°18	9°48	28°44	3°R 0	22°56	22°51	6°16	n.a.	T 7
W 8	0 57 58	15° 6'58	13°47	28°19	1°35	26° 8	5°17	6°25	9°48	28°43	3° 0	22°50	22°48	6°22	n.a.	W 8
T 9	1 1 54	16° 8'16	25°35	27°45	2°40	26°34	5°28	6°32	9°47	28°41	3° 0	22°46	22°45	6°29	n.a.	T 9
F 10	1 5 51	17° 9'33	7♋27	26°59	3°45	27° 0	5°40	6°38	9°46	28°39	3° 0	22°45	22°41	6°36	n.a.	F 10
S 11	1 9 48	18°10'51	19°27	26° 3	4°49	27°27	5°52	6°45	9°46	28°38	2°59	22°44	22°38	6°42	n.a.	S 11
S 12	1 13 44	19°12'07	1♌41	24°59	5°54	27°54	6° 3	6°52	9°45	28°36	2°59	22°44	22°35	6°49	n.a.	S 12
M13	1 17 41	20°13'23	14°15	23°48	6°58	28°21	6°15	6°59	9°45	28°35	2°59	22°43	22°32	6°56	n.a.	M13
T 14	1 21 37	21°14'38	27°13	22°32	8° 2	28°48	6°26	7° 6	9°45	28°33	2°59	22°40	22°29	7° 3	n.a.	T 14
W15	1 25 34	22°15'53	10♍39	21°14	9° 5	29°16	6°38	7°13	9°44	28°32	2°59	22°34	22°26	7° 9	n.a.	W15
T 16	1 29 31	23°17'06	24°33	19°57	10° 8	29°44	6°49	7°20	9°44	28°30	2°58	22°25	22°22	7°16	n.a.	T 16
F 17	1 33 27	24°18'19	8♎54	18°42	11°11	0♒12	7° 0	7°27	9°44	28°28	2°58	22°14	22°19	7°23	n.a.	F 17
S 18	1 37 24	25°19'31	23°37	17°31	12°14	0°40	7°12	7°34	9°44	28°27	2°58	22° 1	22°16	7°29	n.a.	S 18
S 19	1 41 20	26°20'41	8♏34	16°27	13°16	1° 9	7°23	7°40	9°44	28°26	2°57	21°49	22°13	7°36	n.a.	S 19
M20	1 45 17	27°21'51	23°34	15°31	14°17	1°37	7°34	7°47	9°D43	28°24	2°57	21°39	22°10	7°43	n.a.	M20
T 21	1 49 13	28°22'59	8♐29	14°43	15°19	2° 6	7°44	7°54	9°44	28°23	2°56	21°31	22° 6	7°49	n.a.	T 21
W22	1 53 10	29°24'06	23°11	14° 4	16°20	2°35	7°55	8° 1	9°44	28°21	2°56	21°26	22° 3	7°56	n.a.	W22
T 23	1 57 7	0♏25'11	7♑35	13°34	17°20	3° 5	8° 6	8° 7	9°44	28°20	2°55	21°24	22° 0	8° 3	n.a.	T 23
F 24	2 1 3	1°26'15	21°38	13°12	18°20	3°34	8°17	8°14	9°44	28°18	2°55	21°D23	21°57	8° 9	n.a.	F 24
S 25	2 5 0	2°27'17	5♒21	13° 0	19°20	4° 4	8°27	8°21	9°44	28°17	2°54	21°R23	21°54	8°16	n.a.	S 25
S 26	2 8 56	3°28'18	18°45	12°D56	20°19	4°33	8°37	8°27	9°44	28°16	2°54	21°23	21°51	8°23	n.a.	S 26
M27	2 12 53	4°29'16	1♓52	13° 0	21°17	5° 3	8°48	8°34	9°45	28°14	2°53	21°20	21°47	8°29	n.a.	M27
T 28	2 16 49	5°30'13	14°44	13°11	22°15	5°34	8°58	8°41	9°45	28°13	2°52	21°14	21°44	8°36	n.a.	T 28
W29	2 20 46	6°31'08	27°25	13°29	23°13	6° 4	9° 8	8°47	9°45	28°12	2°52	21° 6	21°41	8°43	n.a.	W29
T 30	2 24 43	7♏32'02	9♈55	13♎53	24♐10	6♒34	9♍18	8♎54	9♒46	28♓11	2♋51	20♋55	21♋38	8♊49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s15	8s38	4s 3	12s 3	1s26	21s53	2s42	23s35	1s33	11n38	1n22	0s30	1n57	19s 8	0s54	2s26	2s10	39n40	15n35	21n53	22n 4	18n 6		n.a.
T 2	3 39	3 55	4 36	12 8	1 15	22 9	2 42	23 29	1 31	11 33	1 22	0 33	1 57	19 8	0 54	2 26	2 10	39 41	15 36	21 55	22 4	18 8		n.a.
F 3	4 4	0n53	4 55	12 8	1 2	22 26	2 42	23 22	1 29	11 29	1 22	0 35	1 57	19 8	0 54	2 27	2 10	39 41	15 37	21 58	22 5	18 10		n.a.
S 4	4 29	5 35	5 0	12 4	0 49	22 41	2 41	23 16	1 27	11 24	1 22	0 38	1 57	19 9	0 54	2 28	2 10	39 42	15 37	22 0	22 5	18 11		n.a.
S 5	4 54	9 59	4 51	11 54	0 34	22 56	2 40	23 9	1 25	11 20	1 22	0 41	1 57	19 9	0 54	2 28	2 10	39 42	15 38	22 2	22 6	18 13		n.a.
M 6	5 18	13 57	4 28	11 39	0 18	23 11	2 40	23 2	1 23	11 16	1 22	0 44	1 57	19 9	0 54	2 29	2 10	39 43	15 38	22 5	22 7	18 15		n.a.
T 7	5 43	17 19	3 54	11 19	0 0	23 24	2 39	22 55	1 21	11 11	1 22	0 47	1 57	19 9	0 53	2 30	2 10	39 43	15 39	22 6	22 7	18 17		n.a.
W 8	6 7	19 57	3 11	10 53	0n19	23 38	2 37	22 48	1 19	11 7	1 22	0 50	1 57	19 9	0 53	2 30	2 10	39 44	15 39	22 7	22 8	18 18		n.a.
T 9	6 31	21 44	2 18	10 23	0 38	23 50	2 36	22 41	1 17	11 2	1 22	0 53	1 57	19 9	0 53	2 31	2 10	39 44	15 40	22 8	22 8	18 20		n.a.
F 10	6 55	22 34	1 20	9 47	0 58	24 2	2 35	22 34	1 15	10 58	1 23	0 56	1 57	19 9	0 53	2 32	2 10	39 45	15 40	22 8	22 9	18 22		n.a.
S 11	7 19	22 22	0 17	9 8	1 18	24 13	2 33	22 27	1 13	10 54	1 23	0 58	1 57	19 10	0 53	2 32	2 10	39 46	15 41	22 8	22 9	18 24		n.a.
S 12	7 43	21 7	0n47	8 26	1 37	24 23	2 32	22 19	1 11	10 49	1 23	1 1	1 57	19 10	0 53	2 33	2 10	39 46	15 42	22 8	22 10	18 25		n.a.
M13	8 7	18 47	1 51	7 42	1 56	24 33	2 30	22 12	1 9	10 45	1 23	1 4	1 57	19 10	0 53	2 34	2 10	39 47	15 42	22 8	22 10	18 27		n.a.
T 14	8 31	15 27	2 51	6 56	2 14	24 42	2 28	22 4	1 7	10 41	1 23	1 7	1 57	19 10	0 53	2 34	2 10	39 47	15 43	22 9	22 11	18 29		n.a.
W15	8 54	11 14	3 44	6 12	2 30	24 50	2 26	21 56	1 5	10 36	1 23	1 10	1 57	19 10	0 53	2 35	2 10	39 48	15 43	22 10	22 11	18 31		n.a.
T 16	9 18	6 16	4 26	5 29	2 45	24 58	2 23	21 49	1 3	10 32	1 23	1 12	1 57	19 10	0 53	2 35	2 10	39 48	15 44	22 12	22 12	18 32		n.a.
F 17	9 41	0 50	4 52	4 49	2 57	25 5	2 21	21 41	1 2	10 28	1 23	1 15	1 57	19 10	0 53	2 36	2 10	39 49	15 44	22 13	22 12	18 34		n.a.
S 18	10 4	4s47	5 0	4 12	3 7	25 11	2 18	21 33	1 0	10 24	1 23	1 18	1 57	19 10	0 53	2 36	2 10	39 49	15 45	22 15	22 13	18 36		n.a.
S 19	10 27	10 13	4 48	3 40	3 15	25 17	2 16	21 25	0 58	10 20	1 24	1 21	1 57	19 10	0 53	2 37	2 10	39 50	15 45	22 17	22 14	18 38		n.a.
M20	10 49	15 4	4 15	3 13	3 20	25 21	2 13	21 16	0 56	10 16	1 24	1 23	1 57	19 10	0 53	2 38	2 10	39 50	15 46	22 19	22 14	18 39		n.a.
T 21	11 12	18 57	3 26	2 50	3 24	25 26	2 10	21 8	0 55	10 12	1 24	1 26	1 57	19 10	0 53	2 38	2 10	39 51	15 46	22 20	22 15	18 41		n.a.
W22	11 34	21 33	2 23	2 34	3 25	25 29	2 6	21 0	0 53	10 8	1 24	1 29	1 57	19 10	0 53	2 39	2 10	39 52	15 47	22 21	22 15	18 43		n.a.
T 23	11 56	22 41	1 12	2 22	3 25	25 32	2 3	20 51	0 51	10 4	1 24	1 31	1 57	19 10	0 53	2 39	2 10	39 52	15 47	22 22	22 16	18 44		n.a.
F 24	12 18	22 21	0s 1	2 15	3 23	25 34	1 59	20 43	0 50	10 0	1 24	1 34	1 57	19 9	0 53	2 40	2 10	39 53	15 48	22 22	22 16	18 46		n.a.
S 25	12 40	20 39	1 13	2 13	3 20	25 36	1 56	20 34	0 48	9 56	1 24	1 37	1 57	19 9	0 53	2 40	2 9	39 53	15 48	22 22	22 17	18 48		n.a.
S 26	13 1	17 50	2 19	2 15	3 16	25 36	1 52	20 25	0 47	9 52	1 25	1 39	1 57	19 9	0 53	2 41	2 9	39 54	15 49	22 22	22 17	18 50		n.a.
M27	13 23	14 9	3 17	2 22	3 11	25 36	1 47	20 16	0 45	9 48	1 25	1 42	1 57	19 9	0 53	2 41	2 9	39 54	15 49	22 22	22 18	18 51		n.a.
T 28	13 43	9 53	4 3	2 32	3 4	25 36	1 43	20 7	0 44	9 44	1 25	1 45	1 57	19 9	0 53	2 42	2 9	39 55	15 50	22 23	22 18	18 53		n.a.
W29	14 4	5 15	4 36	2 45	2 58	25 35	1 39	19 58	0 42	9 40	1 25	1 47	1 57	19 9	0 52	2 42	2 9	39 55	15 50	22 24	22 19	18 55		n.a.
T 30	14s25	0s28	4s56	3s 1	2n50	25s33	1s34	19s49	0s41	9n37	1n25	1s50	1n57	19s 9	0s52	2s43	2s 9	39n56	15n51	22n26	22n19	18n56		n.a.

Julian Day Number = 188042.5, Delta T = 32h33m17s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'48, Lahiri = -61°37'47 Julian Calendar 1 Nov. 4199 BCE == Greg. Calendar 29 Sept. 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4199 BCE
geocentric

DECEMBER 4199 BCE (-4198) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 28 39	8♏32'53	22♈16	14♎22	25♐ 6	7♒ 5	9♍28	9♎ 0	9♒46	28°R 9	2°R50	20°R42	21♋35	8♊56	n.a.	F 1
S 2	2 32 36	9°33'44	4♉28	14°57	26° 2	7°35	9°38	9° 6	9°47	28♓ 8	2♋50	20♋28	21°31	9° 3	n.a.	S 2
S 3	2 36 32	10°34'32	16°32	15°37	26°57	8° 6	9°47	9°13	9°48	28° 7	2°49	20°15	21°28	9°10	n.a.	S 3
M 4	2 40 29	11°35'19	28°29	16°21	27°51	8°37	9°57	9°19	9°48	28° 6	2°48	20° 3	21°25	9°16	n.a.	M 4
T 5	2 44 25	12°36'05	10♊21	17° 9	28°45	9° 8	10° 6	9°25	9°49	28° 5	2°47	19°54	21°22	9°23	n.a.	T 5
W 6	2 48 22	13°36'49	22° 9	18° 0	29°38	9°40	10°16	9°32	9°50	28° 4	2°46	19°47	21°19	9°30	n.a.	W 6
T 7	2 52 19	14°37'31	3♋57	18°55	0♌31	10°11	10°25	9°38	9°51	28° 2	2°45	19°43	21°16	9°36	n.a.	T 7
F 8	2 56 15	15°38'12	15°49	19°53	1°22	10°42	10°34	9°44	9°52	28° 1	2°44	19°D42	21°12	9°43	n.a.	F 8
S 9	3 0 12	16°38'52	27°48	20°54	2°13	11°14	10°43	9°50	9°53	28° 0	2°43	19°42	21° 9	9°50	n.a.	S 9
S 10	3 4 8	17°39'30	9♌59	21°57	3° 3	11°46	10°52	9°56	9°54	27°59	2°42	19°43	21° 6	9°56	n.a.	S 10
M11	3 8 5	18°40'06	22°29	23° 3	3°53	12°18	11° 1	10° 2	9°55	27°58	2°41	19°R43	21° 3	10° 3	n.a.	M11
T 12	3 12 1	19°40'41	5♍22	24°10	4°41	12°49	11° 9	10° 8	9°56	27°57	2°40	19°42	21° 0	10°10	n.a.	T 12
W13	3 15 58	20°41'14	18°42	25°20	5°28	13°22	11°18	10°14	9°57	27°57	2°39	19°38	20°57	10°16	n.a.	W13
T 14	3 19 55	21°41'45	2♎32	26°32	6°15	13°54	11°26	10°20	9°58	27°56	2°38	19°32	20°53	10°23	n.a.	T 14
F 15	3 23 51	22°42'15	16°51	27°45	7° 1	14°26	11°34	10°26	9°59	27°55	2°37	19°25	20°50	10°30	n.a.	F 15
S 16	3 27 48	23°42'43	1♏36	29° 0	7°45	14°58	11°43	10°32	10° 1	27°54	2°36	19°16	20°47	10°36	n.a.	S 16
S 17	3 31 44	24°43'09	16°41	0♏17	8°29	15°31	11°50	10°37	10° 2	27°53	2°35	19° 7	20°44	10°43	n.a.	S 17
M18	3 35 41	25°43'34	1♐56	1°35	9°11	16° 3	11°58	10°43	10° 3	27°52	2°33	18°59	20°41	10°50	n.a.	M18
T 19	3 39 37	26°43'56	17° 9	2°55	9°52	16°36	12° 6	10°49	10° 5	27°52	2°32	18°53	20°37	10°56	n.a.	T 19
W20	3 43 34	27°44'16	2♑11	4°16	10°33	17° 9	12°14	10°54	10° 6	27°51	2°31	18°50	20°34	11° 3	n.a.	W20
T 21	3 47 30	28°44'34	16°54	5°38	11°11	17°42	12°21	11° 0	10° 8	27°50	2°30	18°D49	20°31	11°10	n.a.	T 21
F 22	3 51 27	29°44'50	1♒13	7° 2	11°49	18°15	12°28	11° 5	10° 9	27°50	2°28	18°49	20°28	11°16	n.a.	F 22
S 23	3 55 24	0♐45'03	15° 7	8°26	12°25	18°48	12°35	11°11	10°11	27°49	2°27	18°51	20°25	11°23	n.a.	S 23
S 24	3 59 20	1°45'14	28°36	9°52	13° 0	19°21	12°42	11°16	10°13	27°49	2°26	18°R51	20°22	11°30	n.a.	S 24
M25	4 3 17	2°45'23	11♓42	11°19	13°33	19°54	12°49	11°21	10°14	27°48	2°24	18°51	20°18	11°36	n.a.	M25
T 26	4 7 13	3°45'28	24°29	12°48	14° 5	20°27	12°56	11°26	10°16	27°48	2°23	18°49	20°15	11°43	n.a.	T 26
W27	4 11 10	4°45'32	7♈ 0	14°17	14°36	21° 1	13° 3	11°32	10°18	27°47	2°22	18°44	20°12	11°50	n.a.	W27
T 28	4 15 6	5°45'33	19°19	15°48	15° 4	21°34	13° 9	11°37	10°20	27°47	2°20	18°38	20° 9	11°57	n.a.	T 28
F 29	4 19 3	6°45'32	1♉27	17°19	15°31	22° 8	13°15	11°42	10°22	27°46	2°19	18°31	20° 6	12° 3	n.a.	F 29
S 30	4 22 59	7°45'28	13°28	18°52	15°57	22°41	13°21	11°47	10°24	27°46	2°17	18°23	20° 3	12°10	n.a.	S 30
S 31	4 26 56	8♐45'22	25♉23	20♏26	16♌20	23♒15	13♍27	11♎51	10♒26	27♓45	2♋16	18♋15	19♋59	12♊17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s45	4n16	5s 1	3s20	2n43	25s30	1s29	19s39	0s39	9n33	1n25	1s52	1n57	19s 8	0s52	2s43	2s 9	39n56	15n51	22n28	22n20	18n58		n.a.
S 2	15 5	8 47	4 52	3 41	2 34	25 27	1 24	19 30	0 38	9 29	1 25	1 55	1 57	19 8	0 52	2 44	2 9	39 57	15 52	22 30	22 20	19 0		n.a.
S 3	15 25	12 56	4 31	4 5	2 26	25 23	1 19	19 20	0 36	9 26	1 26	1 58	1 57	19 8	0 52	2 44	2 9	39 57	15 52	22 32	22 21	19 1		n.a.
M 4	15 44	16 32	3 57	4 30	2 17	25 19	1 13	19 10	0 35	9 22	1 26	2 0	1 58	19 8	0 52	2 44	2 9	39 58	15 53	22 34	22 21	19 3		n.a.
T 5	16 3	19 27	3 13	4 57	2 9	25 14	1 7	19 1	0 33	9 19	1 26	2 3	1 58	19 8	0 52	2 45	2 9	39 58	15 53	22 36	22 22	19 5		n.a.
W 6	16 22	21 32	2 21	5 25	2 0	25 9	1 2	18 51	0 32	9 15	1 26	2 5	1 58	19 7	0 52	2 45	2 9	39 59	15 54	22 37	22 22	19 6		n.a.
T 7	16 41	22 40	1 23	5 55	1 51	25 2	0 56	18 41	0 31	9 12	1 26	2 7	1 58	19 7	0 52	2 46	2 9	39 59	15 54	22 37	22 23	19 8		n.a.
F 8	16 59	22 48	0 21	6 26	1 41	24 56	0 49	18 31	0 29	9 8	1 26	2 10	1 58	19 7	0 52	2 46	2 9	40 0	15 55	22 37	22 23	19 10		n.a.
S 9	17 17	21 54	0n43	6 58	1 32	24 49	0 43	18 21	0 28	9 5	1 27	2 12	1 58	19 6	0 52	2 46	2 9	40 0	15 55	22 37	22 24	19 11		n.a.
S 10	17 35	19 57	1 46	7 30	1 23	24 41	0 36	18 10	0 27	9 2	1 27	2 15	1 58	19 6	0 52	2 47	2 9	40 1	15 56	22 37	22 24	19 13		n.a.
M11	17 52	17 1	2 46	8 4	1 14	24 33	0 29	18 0	0 26	8 58	1 27	2 17	1 58	19 6	0 52	2 47	2 9	40 1	15 56	22 37	22 25	19 15		n.a.
T 12	18 9	13 11	3 39	8 38	1 5	24 24	0 22	17 49	0 24	8 55	1 27	2 19	1 58	19 5	0 52	2 47	2 9	40 1	15 56	22 37	22 25	19 16		n.a.
W13	18 26	8 36	4 23	9 12	0 56	24 15	0 15	17 39	0 23	8 52	1 27	2 22	1 58	19 5	0 52	2 48	2 8	40 2	15 57	22 38	22 26	19 18		n.a.
T 14	18 42	3 25	4 52	9 47	0 47	24 5	0 7	17 28	0 22	8 49	1 28	2 24	1 58	19 5	0 52	2 48	2 8	40 2	15 57	22 39	22 26	19 19		n.a.
F 15	18 58	2s 7	5 5	10 22	0 39	23 55	0n 1	17 17	0 21	8 46	1 28	2 26	1 58	19 4	0 52	2 48	2 8	40 3	15 58	22 40	22 27	19 21		n.a.
S 16	19 14	7 43	4 59	10 58	0 30	23 44	0 9	17 7	0 19	8 43	1 28	2 29	1 58	19 4	0 52	2 49	2 8	40 3	15 58	22 41	22 27	19 23		n.a.
S 17	19 29	12 58	4 31	11 33	0 22	23 33	0 17	16 56	0 18	8 40	1 28	2 31	1 58	19 3	0 52	2 49	2 8	40 4	15 58	22 43	22 28	19 24		n.a.
M18	19 44	17 28	3 45	12 9	0 13	23 22	0 25	16 44	0 17	8 37	1 28	2 33	1 58	19 3	0 52	2 49	2 8	40 4	15 59	22 44	22 28	19 26		n.a.
T 19	19 58	20 47	2 42	12 45	0 5	23 10	0 34	16 33	0 16	8 34	1 28	2 35	1 59	19 3	0 52	2 49	2 8	40 4	15 59	22 44	22 29	19 28		n.a.
W20	20 13	22 37	1 28	13 21	0s 3	22 58	0 43	16 22	0 15	8 31	1 29	2 37	1 59	19 2	0 52	2 49	2 8	40 5	16 0	22 45	22 29	19 29		n.a.
T 21	20 26	22 51	0 10	13 56	0 11	22 46	0 52	16 11	0 14	8 29	1 29	2 39	1 59	19 2	0 51	2 50	2 8	40 5	16 0	22 45	22 30	19 31		n.a.
F 22	20 40	21 32	1s 6	14 32	0 18	22 33	1 1	15 59	0 13	8 26	1 29	2 42	1 59	19 1	0 51	2 50	2 8	40 6	16 0	22 45	22 30	19 32		n.a.
S 23	20 53	18 56	2 17	15 7	0 26	22 20	1 11	15 48	0 11	8 23	1 29	2 44	1 59	19 1	0 51	2 50	2 8	40 6	16 1	22 45	22 31	19 34		n.a.
S 24	21 6	15 22	3 18	15 42	0 33	22 7	1 21	15 36	0 10	8 21	1 29	2 46	1 59	19 0	0 51	2 50	2 8	40 6	16 1	22 45	22 31	19 36		n.a.
M25	21 18	11 9	4 7	16 17	0 40	21 54	1 31	15 24	0 9	8 18	1 30	2 48	1 59	19 0	0 51	2 50	2 8	40 7	16 1	22 45	22 32	19 37		n.a.
T 26	21 30	6 32	4 42	16 51	0 47	21 40	1 41	15 12	0 8	8 16	1 30	2 50	1 59	18 59	0 51	2 51	2 8	40 7	16 2	22 45	22 32	19 39		n.a.
W27	21 41	1 45	5 3	17 25	0 53	21 26	1 52	15 0	0 7	8 13	1 30	2 52	1 59	18 59	0 51	2 51	2 7	40 7	16 2	22 46	22 33	19 40		n.a.
T 28	21 52	3n 1	5 9	17 59	0 59	21 13	2 2	14 48	0 6	8 11	1 30	2 54	1 59	18 58	0 51	2 51	2 7	40 8	16 2	22 47	22 33	19 42		n.a.
F 29	22 3	7 37	5 1	18 31	1 5	20 59	2 13	14 36	0 5	8 9	1 31	2 56	1 59	18 57	0 51	2 51	2 7	40 8	16 2	22 48	22 34	19 44		n.a.
S 30	22 13	11 53	4 40	19 4	1 11	20 44	2 25	14 24	0 4	8 7	1 31	2 57	2 0	18 57	0 51	2 51	2 7	40 8	16 3	22 49	22 34	19 45		n.a.
S 31	22s23	15n39	4s 7	19s35	1s17	20s30	2n36	14s12	0s 3	8n 4	1n31	2s59	2n 0	18s56	0s51	2s51	2s 7	40n 9	16n 3	22n50	22n35	19n47		n.a.

Julian Day Number = 188072.5, Delta T = 32h33m14s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'44, Lahiri = -61°37'43 Julian Calendar 1 Dec. 4199 BCE == Greg. Calendar 29 Oct. 4199 BCE

The year -4198 astronomical counting style corresponds to year 4199 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

JANUARY 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 30 53	9♐45'14	7♊15	22♏ 0	16♑42	23♒49	13♍33	11♎56	10♒28	27°R45	2°R15	18°R 9	19♋56	12♊23	n.a.	M 1
T 2	4 34 49	10°45'04	19° 4	23°36	17° 1	24°23	13°39	12° 1	10°30	27♓45	2♋13	18♋ 3	19°53	12°30	n.a.	T 2
W 3	4 38 46	11°44'52	0♋54	25°14	17°19	24°56	13°44	12° 6	10°32	27°45	2°12	18° 0	19°50	12°37	n.a.	W 3
T 4	4 42 42	12°44'37	12°45	26°52	17°34	25°30	13°49	12°10	10°34	27°44	2°10	17°D58	19°47	12°43	n.a.	T 4
F 5	4 46 39	13°44'20	24°41	28°31	17°48	26° 4	13°54	12°15	10°36	27°44	2° 9	17°59	19°43	12°50	n.a.	F 5
S 6	4 50 35	14°44'02	6♌44	0♐12	17°59	26°38	13°59	12°19	10°38	27°44	2° 7	18° 0	19°40	12°57	n.a.	S 6
S 7	4 54 32	15°43'41	18°59	1°53	18° 8	27°13	14° 4	12°24	10°41	27°44	2° 6	18° 1	19°37	13° 3	n.a.	S 7
M 8	4 58 28	16°43'18	1♍30	3°36	18°15	27°47	14° 9	12°28	10°43	27°44	2° 4	18° 3	19°34	13°10	n.a.	M 8
T 9	5 2 25	17°42'53	14°20	5°20	18°19	28°21	14°13	12°32	10°45	27°44	2° 2	18°R 4	19°31	13°17	n.a.	T 9
W10	5 6 21	18°42'26	27°34	7° 5	18°R21	28°55	14°18	12°36	10°48	27°D44	2° 1	18° 4	19°28	13°23	n.a.	W10
T 11	5 10 18	19°41'57	11♎15	8°52	18°21	29°30	14°22	12°40	10°50	27°44	1°59	18° 2	19°24	13°30	n.a.	T 11
F 12	5 14 15	20°41'26	25°22	10°39	18°18	0♓ 4	14°26	12°44	10°52	27°44	1°58	17°59	19°21	13°37	n.a.	F 12
S 13	5 18 11	21°40'53	9♏56	12°28	18°12	0°38	14°30	12°48	10°55	27°44	1°56	17°56	19°18	13°43	n.a.	S 13
S 14	5 22 8	22°40'18	24°51	14°18	18° 4	1°13	14°33	12°52	10°57	27°44	1°55	17°52	19°15	13°50	n.a.	S 14
M15	5 26 4	23°39'41	10♐ 0	16°10	17°54	1°48	14°37	12°56	11° 0	27°44	1°53	17°49	19°12	13°57	n.a.	M15
T 16	5 30 1	24°39'01	25°14	18° 2	17°41	2°22	14°40	13° 0	11° 3	27°45	1°51	17°47	19° 9	14° 3	n.a.	T 16
W17	5 33 57	25°38'20	10♑22	19°56	17°26	2°57	14°43	13° 3	11° 5	27°45	1°50	17°D46	19° 5	14°10	n.a.	W17
T 18	5 37 54	26°37'36	25°16	21°51	17° 8	3°32	14°46	13° 7	11° 8	27°45	1°48	17°46	19° 2	14°17	n.a.	T 18
F 19	5 41 50	27°36'49	9♒49	23°47	16°48	4° 6	14°49	13°10	11°11	27°45	1°47	17°46	18°59	14°23	n.a.	F 19
S 20	5 45 47	28°36'00	23°55	25°44	16°25	4°41	14°51	13°13	11°13	27°46	1°45	17°48	18°56	14°30	n.a.	S 20
S 21	5 49 43	29°35'09	7♓35	27°43	16° 0	5°16	14°53	13°17	11°16	27°46	1°43	17°49	18°53	14°37	n.a.	S 21
M22	5 53 40	0♑34'14	20°49	29°42	15°33	5°51	14°56	13°20	11°19	27°47	1°42	17°50	18°49	14°43	n.a.	M22
T 23	5 57 36	1°33'18	3♈39	1♑43	15° 4	6°26	14°58	13°23	11°22	27°47	1°40	17°R50	18°46	14°50	n.a.	T 23
W24	6 1 33	2°32'18	16°10	3°44	14°33	7° 1	14°59	13°26	11°24	27°47	1°38	17°50	18°43	14°57	n.a.	W24
T 25	6 5 30	3°31'16	28°25	5°46	14° 0	7°36	15° 1	13°29	11°27	27°48	1°37	17°49	18°40	15° 3	n.a.	T 25
F 26	6 9 26	4°30'12	10♉28	7°49	13°26	8°11	15° 3	13°32	11°30	27°48	1°35	17°47	18°37	15°10	n.a.	F 26
S 27	6 13 23	5°29'05	22°23	9°52	12°51	8°46	15° 4	13°34	11°33	27°49	1°34	17°45	18°34	15°17	n.a.	S 27
S 28	6 17 19	6°27'56	4♊13	11°55	12°14	9°21	15° 5	13°37	11°36	27°50	1°32	17°43	18°30	15°23	n.a.	S 28
M29	6 21 16	7°26'44	16° 2	13°58	11°36	9°56	15° 6	13°40	11°39	27°50	1°30	17°42	18°27	15°30	n.a.	M29
T 30	6 25 12	8°25'30	27°51	16° 1	10°58	10°32	15° 6	13°42	11°42	27°51	1°29	17°41	18°24	15°37	n.a.	T 30
W31	6 29 9	9♑24'14	9♋44	18♑ 3	10♑20	11♓ 7	15♍ 7	13♎44	11♒45	27♓52	1♋27	17♋40	18♋21	15♊43	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	22s32	18n48	3s23	20s 6	1s22	20s16	2n48	14s 0	0s 2	8n 2	1n31	3s 1	2n 0	18s56	0s51	2s51	2s 7	40n 9	16n 3	22n51	22n35	19n48			n.a.
T 2	22 41	21 9	2 31	20 36	1 27	20 2	2 59	13 47	0 1	8 0	1 31	3 3	2 0	18 55	0 51	2 51	2 7	40 9	16 4	22 52	22 36	19 50			n.a.
W 3	22 50	22 35	1 32	21 5	1 31	19 48	3 11	13 35	0 0	7 58	1 32	3 5	2 0	18 54	0 51	2 51	2 7	40 9	16 4	22 52	22 36	19 51			n.a.
T 4	22 58	23 1	0 29	21 33	1 35	19 34	3 23	13 22	0n 1	7 57	1 32	3 6	2 0	18 54	0 51	2 51	2 7	40 10	16 4	22 52	22 37	19 53			n.a.
F 5	23 5	22 24	0n37	22 0	1 39	19 20	3 36	13 9	0 2	7 55	1 32	3 8	2 0	18 53	0 51	2 51	2 7	40 10	16 4	22 52	22 37	19 55			n.a.
S 6	23 13	20 44	1 41	22 26	1 43	19 6	3 48	12 57	0 3	7 53	1 32	3 10	2 0	18 53	0 51	2 51	2 7	40 10	16 4	22 52	22 38	19 56			n.a.
S 7	23 19	18 6	2 42	22 51	1 46	18 52	4 1	12 44	0 3	7 51	1 32	3 11	2 1	18 52	0 51	2 51	2 7	40 10	16 5	22 52	22 38	19 58			n.a.
M 8	23 26	14 36	3 36	23 15	1 49	18 39	4 13	12 31	0 4	7 50	1 33	3 13	2 1	18 51	0 51	2 51	2 7	40 11	16 5	22 52	22 39	19 59			n.a.
T 9	23 32	10 20	4 21	23 37	1 51	18 26	4 26	12 18	0 5	7 48	1 33	3 15	2 1	18 50	0 51	2 51	2 6	40 11	16 5	22 51	22 39	20 1			n.a.
W10	23 37	5 28	4 54	23 58	1 53	18 13	4 39	12 5	0 6	7 47	1 33	3 16	2 1	18 50	0 51	2 51	2 6	40 11	16 5	22 51	22 40	20 2			n.a.
T 11	23 42	0 11	5 12	24 17	1 55	18 0	4 52	11 52	0 7	7 45	1 33	3 18	2 1	18 49	0 51	2 51	2 6	40 11	16 5	22 52	22 40	20 4			n.a.
F 12	23 47	5s16	5 11	24 35	1 56	17 48	5 5	11 39	0 8	7 44	1 34	3 19	2 1	18 48	0 51	2 51	2 6	40 12	16 6	22 52	22 40	20 5			n.a.
S 13	23 51	10 36	4 51	24 51	1 56	17 36	5 17	11 25	0 9	7 42	1 34	3 21	2 1	18 48	0 51	2 51	2 6	40 12	16 6	22 53	22 41	20 7			n.a.
S 14	23 54	15 27	4 11	25 5	1 57	17 24	5 30	11 12	0 10	7 41	1 34	3 22	2 1	18 47	0 51	2 51	2 6	40 12	16 6	22 53	22 41	20 8			n.a.
M15	23 57	19 24	3 13	25 18	1 56	17 13	5 43	10 58	0 10	7 40	1 34	3 23	2 2	18 46	0 51	2 50	2 6	40 12	16 6	22 53	22 42	20 10			n.a.
T 16	24 0	22 1	2 1	25 28	1 55	17 2	5 55	10 45	0 11	7 39	1 35	3 25	2 2	18 45	0 51	2 50	2 6	40 12	16 6	22 54	22 42	20 11			n.a.
W17	24 2	23 1	0 41	25 37	1 54	16 52	6 8	10 31	0 12	7 38	1 35	3 26	2 2	18 45	0 50	2 50	2 6	40 12	16 6	22 54	22 43	20 13			n.a.
T 18	24 4	22 22	0s41	25 43	1 52	16 43	6 20	10 18	0 13	7 37	1 35	3 27	2 2	18 44	0 50	2 50	2 6	40 13	16 6	22 54	22 43	20 15			n.a.
F 19	24 5	20 12	1 59	25 47	1 50	16 33	6 31	10 4	0 14	7 36	1 35	3 29	2 2	18 43	0 50	2 50	2 6	40 13	16 7	22 54	22 44	20 16			n.a.
S 20	24 6	16 51	3 7	25 49	1 47	16 25	6 43	9 50	0 14	7 35	1 35	3 30	2 2	18 42	0 50	2 49	2 6	40 13	16 7	22 54	22 44	20 18			n.a.
S 21	24 7	12 41	4 2	25 49	1 43	16 17	6 53	9 37	0 15	7 35	1 36	3 31	2 2	18 41	0 50	2 49	2 6	40 13	16 7	22 53	22 45	20 19			n.a.
M22	24 7	8 2	4 42	25 45	1 39	16 10	7 4	9 23	0 16	7 34	1 36	3 32	2 2	18 41	0 50	2 49	2 5	40 13	16 7	22 53	22 45	20 21			n.a.
T 23	24 6	3 11	5 7	25 40	1 34	16 3	7 14	9 9	0 17	7 33	1 36	3 33	2 3	18 40	0 50	2 49	2 5	40 13	16 7	22 53	22 46	20 22			n.a.
W24	24 5	1n41	5 16	25 32	1 28	15 57	7 23	8 55	0 17	7 33	1 36	3 34	2 3	18 39	0 50	2 49	2 5	40 13	16 7	22 53	22 46	20 23			n.a.
T 25	24 4	6 23	5 11	25 21	1 22	15 52	7 32	8 41	0 18	7 32	1 37	3 35	2 3	18 38	0 50	2 48	2 5	40 13	16 7	22 54	22 46	20 25			n.a.
F 26	24 2	10 46	4 52	25 8	1 15	15 48	7 40	8 27	0 19	7 32	1 37	3 36	2 3	18 37	0 50	2 48	2 5	40 13	16 7	22 54	22 47	20 26			n.a.
S 27	24 0	14 41	4 21	24 52	1 8	15 44	7 47	8 12	0 20	7 32	1 37	3 37	2 3	18 36	0 50	2 48	2 5	40 13	16 7	22 54	22 47	20 28			n.a.
S 28	23 57	18 1	3 38	24 33	1 0	15 41	7 53	7 58	0 20	7 32	1 37	3 38	2 3	18 36	0 50	2 47	2 5	40 13	16 7	22 54	22 48	20 29			n.a.
M29	23 54	20 36	2 47	24 12	0 51	15 38	7 59	7 44	0 21	7 31	1 38	3 39	2 3	18 35	0 50	2 47	2 5	40 13	16 7	22 54	22 48	20 31			n.a.
T 30	23 50	22 18	1 48	23 49	0 42	15 37	8 4	7 30	0 22	7 31	1 38	3 40	2 4	18 34	0 50	2 47	2 5	40 13	16 7	22 55	22 49	20 32			n.a.
W31	23s46	23n 1	0s44	23s23	0s32	15s36	8n 7	7s15	0n22	7n31	1n38	3s41	2n 4	18s33	0s50	2s46	2s 5	40n13	16n 7	22n55	22n49	20n34			n.a.

Julian Day Number = 188103.5, Delta T = 32h33m11s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'39, Lahiri = -61°37'39 Julian Calendar 1 Jan. 4198 BCE == Greg. Calendar 29 Nov. 4199 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

FEBRUARY 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 33 5	10♉22'55	21♋43	20♉ 5	9°R41	11♓42	15♍ 7	13♎47	11♒48	27♓52	1°R25	17°D40	18♋18	15♊50	n.a.	T 1
F 2	6 37 2	11°21'35	3♌48	22° 5	9♉ 3	12°17	15°R 7	13°49	11°51	27°53	1♋24	17♋40	18°15	15°57	n.a.	F 2
S 3	6 40 58	12°20'12	16° 3	24° 4	8°25	12°53	15° 7	13°51	11°54	27°54	1°22	17°41	18°11	16° 3	n.a.	S 3
S 4	6 44 55	13°18'47	28°29	26° 0	7°48	13°28	15° 7	13°53	11°57	27°55	1°21	17°41	18° 8	16°10	n.a.	S 4
M 5	6 48 51	14°17'20	11♍10	27°54	7°11	14° 3	15° 7	13°55	12° 0	27°56	1°19	17°42	18° 5	16°17	n.a.	M 5
T 6	6 52 48	15°15'51	24° 6	29°46	6°36	14°39	15° 6	13°57	12° 4	27°56	1°18	17°42	18° 2	16°23	n.a.	T 6
W 7	6 56 44	16°14'20	7♎21	1♒34	6° 2	15°14	15° 5	13°58	12° 7	27°57	1°16	17°42	17°59	16°30	n.a.	W 7
T 8	7 0 41	17°12'48	20°57	3°20	5°30	15°50	15° 4	14° 0	12°10	27°58	1°14	17°42	17°55	16°37	n.a.	T 8
F 9	7 4 38	18°11'13	4♏53	5° 1	4°59	16°25	15° 3	14° 2	12°13	27°59	1°13	17°42	17°52	16°43	n.a.	F 9
S 10	7 8 34	19° 9'37	19°11	6°39	4°30	17° 1	15° 2	14° 3	12°16	28° 0	1°11	17°42	17°49	16°50	n.a.	S 10
S 11	7 12 31	20° 7'59	3♐47	8°12	4° 3	17°37	15° 0	14° 4	12°20	28° 1	1°10	17°43	17°46	16°57	n.a.	S 11
M12	7 16 27	21° 6'20	18°37	9°41	3°39	18°12	14°58	14° 6	12°23	28° 2	1° 8	17°43	17°43	17° 3	n.a.	M12
T 13	7 20 24	22° 4'38	3♑35	11° 5	3°16	18°48	14°56	14° 7	12°26	28° 4	1° 7	17°43	17°40	17°10	n.a.	T 13
W14	7 24 20	23° 2'55	18°32	12°24	2°56	19°24	14°54	14° 8	12°29	28° 5	1° 5	17°R43	17°36	17°17	n.a.	W14
T 15	7 28 17	24° 1'09	3♒21	13°38	2°38	19°59	14°52	14° 9	12°33	28° 6	1° 4	17°43	17°33	17°23	n.a.	T 15
F 16	7 32 13	24°59'22	17°54	14°48	2°23	20°35	14°50	14°10	12°36	28° 7	1° 2	17°42	17°30	17°30	n.a.	F 16
S 17	7 36 10	25°57'32	2♓ 5	15°52	2°10	21°11	14°47	14°10	12°39	28° 8	1° 1	17°42	17°27	17°37	n.a.	S 17
S 18	7 40 6	26°55'40	15°52	16°50	2° 0	21°47	14°44	14°11	12°43	28°10	1° 0	17°41	17°24	17°43	n.a.	S 18
M19	7 44 3	27°53'45	29°13	17°44	1°52	22°23	14°41	14°12	12°46	28°11	0°58	17°39	17°20	17°50	n.a.	M19
T 20	7 47 59	28°51'49	12♈ 9	18°31	1°46	22°58	14°38	14°12	12°49	28°12	0°57	17°39	17°17	17°57	n.a.	T 20
W21	7 51 56	29°49'50	24°43	19°14	1°43	23°34	14°35	14°13	12°53	28°13	0°55	17°D38	17°14	18° 3	n.a.	W21
T 22	7 55 52	0♒47'50	7♉ 0	19°50	1°D42	24°10	14°31	14°13	12°56	28°15	0°54	17°38	17°11	18°10	n.a.	T 22
F 23	7 59 49	1°45'47	19° 2	20°21	1°43	24°46	14°27	14°13	13° 0	28°16	0°53	17°39	17° 8	18°17	n.a.	F 23
S 24	8 3 46	2°43'42	0♊56	20°47	1°47	25°22	14°23	14°R13	13° 3	28°18	0°51	17°40	17° 5	18°23	n.a.	S 24
S 25	8 7 42	3°41'35	12°45	21° 6	1°53	25°58	14°19	14°13	13° 6	28°19	0°50	17°41	17° 1	18°30	n.a.	S 25
M26	8 11 39	4°39'26	24°33	21°20	2° 1	26°34	14°15	14°13	13°10	28°20	0°49	17°43	16°58	18°37	n.a.	M26
T 27	8 15 35	5°37'15	6♋26	21°29	2°12	27°10	14°11	14°13	13°13	28°22	0°47	17°44	16°55	18°43	n.a.	T 27
W28	8 19 32	6♒35'02	18♋24	21°R32	2♉24	27♓46	14♍ 6	14♎13	13♒17	28♓23	0♋46	17°R44	16♋52	18♊50	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s42	22n41	0n22	22s55	0s22	15s36	8n10	7s 1	0n23	7n31	1n38	3s41	2n 4	18s32	0s50	2s46	2s 5	40n13	16n 7	22n55	22n50	20n35		n.a.
F 2	23 37	21 17	1 28	22 25	0 11	15 37	8 12	6 47	0 24	7 32	1 38	3 42	2 4	18 31	0 50	2 46	2 5	40 13	16 7	22 55	22 50	20 37		n.a.
S 3	23 31	18 52	2 31	21 54	0n 0	15 38	8 13	6 32	0 24	7 32	1 39	3 43	2 4	18 30	0 50	2 45	2 5	40 13	16 7	22 55	22 50	20 38		n.a.
S 4	23 26	15 34	3 28	21 21	0 12	15 40	8 13	6 18	0 25	7 32	1 39	3 43	2 4	18 29	0 50	2 45	2 4	40 13	16 7	22 55	22 51	20 40		n.a.
M 5	23 19	11 30	4 16	20 47	0 24	15 43	8 13	6 3	0 26	7 33	1 39	3 44	2 5	18 28	0 50	2 44	2 4	40 13	16 7	22 54	22 51	20 41		n.a.
T 6	23 13	6 50	4 51	20 11	0 36	15 46	8 11	5 48	0 26	7 33	1 39	3 45	2 5	18 27	0 50	2 44	2 4	40 13	16 7	22 54	22 52	20 42		n.a.
W 7	23 6	1 46	5 13	19 35	0 48	15 50	8 9	5 34	0 27	7 34	1 40	3 45	2 5	18 26	0 50	2 43	2 4	40 13	16 7	22 54	22 52	20 44		n.a.
T 8	22 58	3s31	5 17	18 59	1 0	15 55	8 5	5 19	0 28	7 34	1 40	3 46	2 5	18 26	0 50	2 43	2 4	40 13	16 7	22 54	22 53	20 45		n.a.
F 9	22 50	8 46	5 4	18 23	1 13	16 0	8 1	5 4	0 28	7 35	1 40	3 46	2 5	18 25	0 50	2 43	2 4	40 13	16 7	22 54	22 53	20 47		n.a.
S 10	22 42	13 40	4 31	17 46	1 25	16 6	7 56	4 49	0 29	7 36	1 40	3 47	2 5	18 24	0 50	2 42	2 4	40 13	16 7	22 54	22 53	20 48		n.a.
S 11	22 33	17 54	3 41	17 10	1 37	16 13	7 51	4 35	0 30	7 36	1 40	3 47	2 5	18 23	0 50	2 42	2 4	40 13	16 6	22 54	22 54	20 50		n.a.
M12	22 24	21 2	2 35	16 35	1 48	16 19	7 45	4 20	0 30	7 37	1 41	3 47	2 6	18 22	0 50	2 41	2 4	40 13	16 6	22 54	22 54	20 51		n.a.
T 13	22 15	22 46	1 18	16 1	2 0	16 27	7 38	4 5	0 31	7 38	1 41	3 48	2 6	18 21	0 50	2 41	2 4	40 13	16 6	22 54	22 55	20 52		n.a.
W14	22 5	22 52	0s 5	15 28	2 11	16 34	7 31	3 50	0 31	7 39	1 41	3 48	2 6	18 20	0 50	2 40	2 4	40 13	16 6	22 54	22 55	20 54		n.a.
T 15	21 55	21 21	1 26	14 57	2 21	16 43	7 23	3 35	0 32	7 40	1 41	3 48	2 6	18 19	0 50	2 40	2 4	40 13	16 6	22 54	22 56	20 55		n.a.
F 16	21 44	18 26	2 40	14 27	2 31	16 51	7 15	3 20	0 32	7 41	1 41	3 48	2 6	18 18	0 50	2 39	2 4	40 12	16 6	22 54	22 56	20 57		n.a.
S 17	21 33	14 28	3 42	13 59	2 41	17 0	7 6	3 5	0 33	7 43	1 42	3 49	2 6	18 17	0 50	2 38	2 4	40 12	16 6	22 54	22 56	20 58		n.a.
S 18	21 22	9 51	4 30	13 33	2 49	17 9	6 57	2 50	0 34	7 44	1 42	3 49	2 7	18 16	0 50	2 38	2 3	40 12	16 5	22 55	22 57	20 59		n.a.
M19	21 10	4 54	5 1	13 9	2 57	17 19	6 48	2 35	0 34	7 45	1 42	3 49	2 7	18 15	0 50	2 37	2 3	40 12	16 5	22 55	22 57	21 1		n.a.
T 20	20 58	0n 7	5 16	12 47	3 4	17 28	6 38	2 20	0 35	7 47	1 42	3 49	2 7	18 14	0 50	2 37	2 3	40 12	16 5	22 55	22 58	21 2		n.a.
W21	20 45	4 59	5 15	12 28	3 10	17 38	6 28	2 5	0 35	7 48	1 42	3 49	2 7	18 13	0 50	2 36	2 3	40 12	16 5	22 55	22 58	21 4		n.a.
T 22	20 33	9 32	4 59	12 11	3 16	17 48	6 18	1 50	0 36	7 50	1 43	3 49	2 7	18 12	0 50	2 35	2 3	40 11	16 5	22 55	22 59	21 5		n.a.
F 23	20 20	13 38	4 31	11 57	3 20	17 58	6 8	1 35	0 36	7 51	1 43	3 49	2 7	18 11	0 50	2 35	2 3	40 11	16 4	22 55	22 59	21 6		n.a.
S 24	20 6	17 9	3 51	11 46	3 23	18 8	5 58	1 20	0 37	7 53	1 43	3 49	2 7	18 10	0 50	2 34	2 3	40 11	16 4	22 55	22 59	21 8		n.a.
S 25	19 52	19 58	3 2	11 38	3 25	18 18	5 48	1 5	0 37	7 55	1 43	3 48	2 8	18 9	0 50	2 34	2 3	40 11	16 4	22 55	23 0	21 9		n.a.
M26	19 38	21 55	2 5	11 32	3 26	18 29	5 37	0 49	0 38	7 57	1 43	3 48	2 8	18 8	0 50	2 33	2 3	40 11	16 4	22 54	23 0	21 10		n.a.
T 27	19 24	22 55	1 2	11 30	3 26	18 39	5 27	0 34	0 38	7 59	1 43	3 48	2 8	18 7	0 50	2 32	2 3	40 10	16 4	22 54	23 1	21 12		n.a.
W28	19s 9	22n52	0n 4	11s30	3n25	18s49	5n16	0s19	0n39	8n 0	1n43	3s48	2n 8	18s 6	0s50	2s32	2s 3	40n10	16n 3	22n54	23n 1	21n13		n.a.

Julian Day Number = 188134.5, Delta T = 32h33m07s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'35, Lahiri = -61°37'35 Julian Calendar 1 Feb. 4198 BCE == Greg. Calendar 30 Dec. 4199 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

MARCH 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 23 28	7♒32'48	0♌32	21°R29	2♉39	28♓22	14°R 2	14°R12	13♒20	28♓25	0°R45	17°R43	16♋49	18♊57	n.a.	T 1
F 2	8 27 25	8°30'31	12°51	21♒22	2°55	28°58	13♍57	14♎12	13°23	28°27	0♋44	17♋42	16°46	19° 3	n.a.	F 2
S 3	8 31 21	9°28'13	25°23	21°10	3°14	29°35	13°52	14°11	13°27	28°28	0°43	17°39	16°42	19°10	n.a.	S 3
S 4	8 35 18	10°25'54	8♍ 7	20°53	3°34	0♈11	13°47	14°10	13°30	28°30	0°41	17°36	16°39	19°17	n.a.	S 4
M 5	8 39 14	11°23'33	21° 6	20°32	3°56	0°47	13°42	14°10	13°34	28°31	0°40	17°33	16°36	19°23	n.a.	M 5
T 6	8 43 11	12°21'10	4♎18	20° 7	4°20	1°23	13°36	14° 9	13°37	28°33	0°39	17°29	16°33	19°30	n.a.	T 6
W 7	8 47 7	13°18'46	17°44	19°39	4°45	1°59	13°31	14° 8	13°41	28°35	0°38	17°26	16°30	19°37	n.a.	W 7
T 8	8 51 4	14°16'21	1♏25	19° 8	5°12	2°36	13°25	14° 7	13°44	28°36	0°37	17°25	16°26	19°43	n.a.	T 8
F 9	8 55 0	15°13'54	15°19	18°35	5°41	3°12	13°19	14° 6	13°48	28°38	0°36	17°D24	16°23	19°50	n.a.	F 9
S 10	8 58 57	16°11'27	29°26	18° 0	6°11	3°48	13°13	14° 4	13°51	28°40	0°35	17°25	16°20	19°57	n.a.	S 10
S 11	9 2 54	17° 8'58	13♐44	17°24	6°42	4°24	13° 7	14° 3	13°54	28°42	0°34	17°26	16°17	20° 3	n.a.	S 11
M12	9 6 50	18° 6'28	28°12	16°48	7°15	5° 1	13° 1	14° 2	13°58	28°43	0°33	17°27	16°14	20°10	n.a.	M12
T 13	9 10 47	19° 3'58	12♑45	16°11	7°49	5°37	12°55	14° 0	14° 1	28°45	0°32	17°R28	16°11	20°17	n.a.	T 13
W14	9 14 43	20° 1'25	27°20	15°36	8°24	6°13	12°48	13°58	14° 5	28°47	0°31	17°28	16° 7	20°23	n.a.	W14
T 15	9 18 40	20°58'52	11♒50	15° 3	9° 1	6°50	12°42	13°57	14° 8	28°49	0°30	17°26	16° 4	20°30	n.a.	T 15
F 16	9 22 36	21°56'17	26° 9	14°31	9°39	7°26	12°35	13°55	14°12	28°51	0°29	17°23	16° 1	20°37	n.a.	F 16
S 17	9 26 33	22°53'41	10♓12	14° 2	10°18	8° 3	12°29	13°53	14°15	28°52	0°28	17°18	15°58	20°43	n.a.	S 17
S 18	9 30 29	23°51'04	23°55	13°35	10°58	8°39	12°22	13°51	14°18	28°54	0°28	17°12	15°55	20°50	n.a.	S 18
M19	9 34 26	24°48'25	7♈16	13°12	11°39	9°16	12°15	13°49	14°22	28°56	0°27	17° 6	15°52	20°57	n.a.	M19
T 20	9 38 22	25°45'45	20°13	12°53	12°21	9°52	12° 8	13°47	14°25	28°58	0°26	17° 1	15°48	21° 3	n.a.	T 20
W21	9 42 19	26°43'03	2♉50	12°38	13° 4	10°29	12° 1	13°45	14°29	29° 0	0°25	16°57	15°45	21°10	n.a.	W21
T 22	9 46 16	27°40'20	15° 7	12°26	13°47	11° 5	11°54	13°42	14°32	29° 2	0°25	16°54	15°42	21°17	n.a.	T 22
F 23	9 50 12	28°37'36	27°11	12°20	14°32	11°42	11°47	13°40	14°35	29° 4	0°24	16°D53	15°39	21°23	n.a.	F 23
S 24	9 54 9	29°34'50	9♊ 5	12°D17	15°18	12°18	11°39	13°38	14°39	29° 6	0°23	16°54	15°36	21°30	n.a.	S 24
S 25	9 58 5	0♓32'03	20°54	12°19	16° 4	12°55	11°32	13°35	14°42	29° 8	0°23	16°55	15°32	21°37	n.a.	S 25
M26	10 2 2	1°29'15	2♋44	12°26	16°51	13°32	11°25	13°32	14°45	29°10	0°22	16°57	15°29	21°43	n.a.	M26
T 27	10 5 58	2°26'26	14°39	12°37	17°39	14° 8	11°17	13°30	14°49	29°12	0°21	16°R57	15°26	21°50	n.a.	T 27
W28	10 9 55	3°23'35	26°44	12°52	18°28	14°45	11°10	13°27	14°52	29°14	0°21	16°57	15°23	21°57	n.a.	W28
T 29	10 13 51	4°20'44	9♌ 2	13°13	19°17	15°22	11° 2	13°24	14°55	29°16	0°20	16°55	15°20	22° 3	n.a.	T 29
F 30	10 17 48	5°17'51	21°35	13°37	20° 7	15°58	10°55	13°21	14°59	29°18	0°20	16°50	15°17	22°10	n.a.	F 30
S 31	10 21 45	6♓14'58	4♍25	14♒ 6	20♉58	16♈35	10♍47	13♎18	15♒ 2	29♓20	0♋19	16♋44	15♋13	22♊17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	18s54	21n45	1n10	11s33	3n22	18s59	5n 6	0s 4	0n40	8n 2	1n44	3s48	2n 8	18s 5	0s50	2s31	2s 3	40n10	16n 3	22n54	23n 1	21n14			n.a.
F 2	18 39	19 34	2 14	11 40	3 18	19 10	4 55	0n11	0 40	8 4	1 44	3 47	2 8	18 4	0 50	2 30	2 3	40 10	16 3	22 54	23 2	21 16			n.a.
S 3	18 23	16 26	3 13	11 49	3 13	19 20	4 45	0 27	0 40	8 7	1 44	3 47	2 9	18 3	0 50	2 29	2 3	40 9	16 3	22 55	23 2	21 17			n.a.
S 4	18 7	12 30	4 3	12 0	3 6	19 29	4 35	0 42	0 41	8 9	1 44	3 46	2 9	18 2	0 50	2 29	2 3	40 9	16 2	22 55	23 3	21 18			n.a.
M 5	17 51	7 55	4 42	12 15	2 58	19 39	4 24	0 57	0 41	8 11	1 44	3 46	2 9	18 1	0 50	2 28	2 3	40 9	16 2	22 56	23 3	21 20			n.a.
T 6	17 34	2 54	5 6	12 31	2 49	19 49	4 14	1 12	0 42	8 13	1 44	3 46	2 9	18 0	0 50	2 27	2 2	40 9	16 2	22 56	23 3	21 21			n.a.
W 7	17 18	2s20	5 14	12 50	2 38	19 58	4 4	1 27	0 42	8 15	1 44	3 45	2 9	17 59	0 50	2 27	2 2	40 8	16 1	22 57	23 4	21 22			n.a.
T 8	17 1	7 33	5 5	13 11	2 27	20 7	3 54	1 43	0 43	8 18	1 44	3 44	2 9	17 58	0 50	2 26	2 2	40 8	16 1	22 57	23 4	21 24			n.a.
F 9	16 43	12 28	4 38	13 34	2 14	20 16	3 44	1 58	0 43	8 20	1 45	3 44	2 9	17 57	0 50	2 25	2 2	40 8	16 1	22 57	23 5	21 25			n.a.
S 10	16 26	16 48	3 54	13 58	2 0	20 24	3 34	2 13	0 44	8 23	1 45	3 43	2 9	17 56	0 50	2 24	2 2	40 7	16 0	22 57	23 5	21 26			n.a.
S 11	16 8	20 12	2 55	14 23	1 46	20 32	3 24	2 28	0 44	8 25	1 45	3 43	2 10	17 55	0 50	2 24	2 2	40 7	16 0	22 57	23 5	21 28			n.a.
M12	15 50	22 23	1 44	14 48	1 31	20 40	3 15	2 44	0 45	8 28	1 45	3 42	2 10	17 54	0 50	2 23	2 2	40 7	16 0	22 56	23 6	21 29			n.a.
T 13	15 32	23 3	0 26	15 14	1 15	20 48	3 5	2 59	0 45	8 30	1 45	3 41	2 10	17 53	0 50	2 22	2 2	40 6	15 59	22 56	23 6	21 30			n.a.
W14	15 13	22 10	0s54	15 40	0 59	20 55	2 56	3 14	0 46	8 33	1 45	3 40	2 10	17 52	0 50	2 21	2 2	40 6	15 59	22 56	23 7	21 31			n.a.
T 15	14 54	19 47	2 9	16 6	0 43	21 2	2 46	3 29	0 46	8 35	1 45	3 40	2 10	17 51	0 50	2 20	2 2	40 6	15 59	22 57	23 7	21 33			n.a.
F 16	14 35	16 13	3 16	16 31	0 26	21 8	2 37	3 44	0 46	8 38	1 45	3 39	2 10	17 50	0 50	2 20	2 2	40 5	15 58	22 57	23 7	21 34			n.a.
S 17	14 16	11 46	4 9	16 56	0 10	21 14	2 28	4 0	0 47	8 41	1 45	3 38	2 10	17 48	0 50	2 19	2 2	40 5	15 58	22 58	23 8	21 35			n.a.
S 18	13 57	6 50	4 46	17 19	0s 6	21 20	2 20	4 15	0 47	8 43	1 45	3 37	2 11	17 47	0 50	2 18	2 2	40 5	15 58	22 58	23 8	21 37			n.a.
M19	13 37	1 42	5 6	17 41	0 22	21 25	2 11	4 30	0 48	8 46	1 45	3 36	2 11	17 46	0 50	2 17	2 2	40 4	15 57	22 59	23 9	21 38			n.a.
T 20	13 17	3n21	5 10	18 1	0 38	21 30	2 2	4 45	0 48	8 49	1 45	3 35	2 11	17 45	0 50	2 16	2 2	40 4	15 57	23 0	23 9	21 39			n.a.
W21	12 57	8 7	4 59	18 20	0 52	21 34	1 54	5 0	0 49	8 52	1 45	3 34	2 11	17 44	0 50	2 16	2 2	40 4	15 57	23 0	23 9	21 40			n.a.
T 22	12 37	12 28	4 34	18 37	1 7	21 38	1 46	5 15	0 49	8 54	1 45	3 33	2 11	17 43	0 50	2 15	2 2	40 3	15 56	23 1	23 10	21 42			n.a.
F 23	12 17	16 14	3 58	18 52	1 20	21 41	1 37	5 30	0 49	8 57	1 45	3 32	2 11	17 42	0 50	2 14	2 2	40 3	15 56	23 1	23 10	21 43			n.a.
S 24	11 56	19 17	3 11	19 5	1 33	21 44	1 29	5 45	0 50	9 0	1 45	3 31	2 11	17 41	0 50	2 13	2 2	40 2	15 56	23 1	23 11	21 44			n.a.
S 25	11 36	21 31	2 17	19 15	1 45	21 46	1 22	6 0	0 50	9 3	1 45	3 30	2 11	17 40	0 50	2 12	2 2	40 2	15 55	23 1	23 11	21 45			n.a.
M26	11 15	22 49	1 16	19 24	1 56	21 48	1 14	6 15	0 51	9 6	1 45	3 29	2 11	17 39	0 50	2 11	2 2	40 2	15 55	23 0	23 11	21 46			n.a.
T 27	10 54	23 5	0 12	19 31	2 6	21 49	1 6	6 30	0 51	9 9	1 45	3 28	2 11	17 38	0 50	2 10	2 1	40 1	15 54	23 0	23 12	21 48			n.a.
W28	10 33	22 16	0n53	19 35	2 15	21 50	0 59	6 45	0 51	9 12	1 45	3 27	2 12	17 37	0 50	2 10	2 1	40 1	15 54	23 0	23 12	21 49			n.a.
T 29	10 11	20 22	1 56	19 37	2 24	21 50	0 52	7 0	0 52	9 15	1 45	3 25	2 12	17 36	0 50	2 9	2 1	40 0	15 54	23 1	23 12	21 50			n.a.
F 30	9 50	17 28	2 56	19 37	2 31	21 49	0 45	7 15	0 52	9 17	1 45	3 24	2 12	17 35	0 50	2 8	2 1	40 0	15 53	23 1	23 13	21 51			n.a.
S 31	9s28	13n41	3n47	19s34	2s38	21s48	0n38	7n30	0n52	9n20	1n45	3s23	2n12	17s34	0s50	2s 7	2s 1	40n 0	15n53	23n 2	23n13	21n53			n.a.

Julian Day Number = 188162.5, Delta T = 32h33m04s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'32, Lahiri = -61°37'31 Julian Calendar 1 March 4198 BCE == Greg. Calendar 27 Jan. 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

APRIL 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 25 41	7♓12'03	17♍31	14♒39	21♉49	17♈12	10°R40	13°R15	15♒ 5	29♓22	0°R19	16°R36	15♋10	22♊23	n.a.	S 1
M 2	10 29 38	8° 9'08	0♎53	15°16	22°41	17°49	10♍32	13♎12	15° 8	29°24	0♋19	16♋28	15° 7	22°30	n.a.	M 2
T 3	10 33 34	9° 6'12	14°28	15°57	23°34	18°25	10°24	13° 9	15°12	29°27	0°18	16°19	15° 4	22°37	n.a.	T 3
W 4	10 37 31	10° 3'16	28°15	16°42	24°27	19° 2	10°17	13° 6	15°15	29°29	0°18	16°12	15° 1	22°43	n.a.	W 4
T 5	10 41 27	11° 0'19	12♏10	17°30	25°21	19°39	10° 9	13° 2	15°18	29°31	0°18	16° 7	14°57	22°50	n.a.	T 5
F 6	10 45 24	11°57'22	26°12	18°23	26°15	20°16	10° 1	12°59	15°21	29°33	0°17	16° 4	14°54	22°57	n.a.	F 6
S 7	10 49 21	12°54'25	10♐19	19°19	27°10	20°53	9°54	12°56	15°24	29°35	0°17	16°D 3	14°51	23° 3	n.a.	S 7
S 8	10 53 17	13°51'28	24°28	20°19	28° 5	21°30	9°46	12°52	15°28	29°37	0°17	16° 3	14°48	23°10	n.a.	S 8
M 9	10 57 14	14°48'30	8♉39	21°22	29° 0	22° 7	9°39	12°48	15°31	29°39	0°17	16°R 4	14°45	23°16	n.a.	M 9
T 10	11 1 10	15°45'32	22°50	22°29	29°57	22°44	9°31	12°45	15°34	29°42	0°17	16° 4	14°42	23°23	n.a.	T 10
W11	11 5 7	16°42'34	7♒ 0	23°39	0♒53	23°20	9°24	12°41	15°37	29°44	0°17	16° 2	14°38	23°30	n.a.	W11
T 12	11 9 3	17°39'36	21° 4	24°52	1°50	23°57	9°16	12°37	15°40	29°46	0°16	15°58	14°35	23°36	n.a.	T 12
F 13	11 13 0	18°36'37	5♓ 1	26° 9	2°48	24°34	9° 9	12°34	15°43	29°48	0°16	15°51	14°32	23°43	n.a.	F 13
S 14	11 16 56	19°33'38	18°45	27°28	3°46	25°12	9° 1	12°30	15°46	29°50	0°D16	15°42	14°29	23°50	n.a.	S 14
S 15	11 20 53	20°30'39	2♈14	28°51	4°44	25°49	8°54	12°26	15°49	29°53	0°16	15°32	14°26	23°56	n.a.	S 15
M16	11 24 50	21°27'39	15°24	0♓17	5°42	26°26	8°46	12°22	15°52	29°55	0°16	15°21	14°23	24° 3	n.a.	M16
T 17	11 28 46	22°24'39	28°16	1°47	6°41	27° 3	8°39	12°18	15°55	29°57	0°17	15°11	14°19	24°10	n.a.	T 17
W18	11 32 43	23°21'38	10♉49	3°19	7°41	27°40	8°32	12°14	15°58	29°59	0°17	15° 3	14°16	24°16	n.a.	W18
T 19	11 36 39	24°18'38	23° 5	4°54	8°40	28°17	8°25	12°10	16° 1	0♈ 1	0°17	14°56	14°13	24°23	n.a.	T 19
F 20	11 40 36	25°15'36	5♊ 7	6°32	9°40	28°54	8°18	12° 6	16° 3	0° 4	0°17	14°52	14°10	24°30	n.a.	F 20
S 21	11 44 32	26°12'35	17° 1	8°13	10°41	29°31	8°11	12° 2	16° 6	0° 6	0°17	14°50	14° 7	24°36	n.a.	S 21
S 22	11 48 29	27° 9'33	28°50	9°58	11°41	0♉ 9	8° 4	11°58	16° 9	0° 8	0°17	14°D50	14° 3	24°43	n.a.	S 22
M23	11 52 26	28° 6'31	10♋40	11°45	12°42	0°46	7°57	11°53	16°12	0°10	0°18	14°R50	14° 0	24°50	n.a.	M23
T 24	11 56 22	29° 3'29	22°37	13°34	13°43	1°23	7°51	11°49	16°15	0°13	0°18	14°50	13°57	24°56	n.a.	T 24
W25	12 0 19	0♈ 0'27	4♌45	15°27	14°45	2° 0	7°44	11°45	16°17	0°15	0°18	14°48	13°54	25° 3	n.a.	W25
T 26	12 4 15	0°57'24	17°10	17°22	15°47	2°38	7°38	11°41	16°20	0°17	0°19	14°45	13°51	25°10	n.a.	T 26
F 27	12 8 12	1°54'21	29°54	19°19	16°49	3°15	7°31	11°36	16°23	0°19	0°19	14°39	13°48	25°16	n.a.	F 27
S 28	12 12 8	2°51'18	12♍58	21°19	17°51	3°52	7°25	11°32	16°25	0°22	0°20	14°30	13°44	25°23	n.a.	S 28
S 29	12 16 5	3°48'15	26°25	23°21	18°54	4°30	7°19	11°28	16°28	0°24	0°20	14°19	13°41	25°30	n.a.	S 29
M30	12 20 2	4♈45'13	10♎10	25♓24	19♒56	5♉ 7	7♍13	11♎23	16♒30	0♈26	0♋21	14♋ 8	13♋38	25♊36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 7	9n10	4n28	19s30	2s43	21s47	0n31	7n45	0n53	9n23	1n45	3s22	2n12	17s34	0s50	2s 6	2s 1	39n59	15n52	23n 3	23n14	21n54		n.a.
M 2	8 45	4 8	4 55	19 23	2 48	21 45	0 24	8 0	0 53	9 26	1 45	3 20	2 12	17 33	0 50	2 5	2 1	39 59	15 52	23 4	23 14	21 55		n.a.
T 3	8 23	1s11	5 6	19 14	2 52	21 42	0 18	8 14	0 53	9 29	1 45	3 19	2 12	17 32	0 50	2 4	2 1	39 58	15 51	23 5	23 14	21 56		n.a.
W 4	8 1	6 30	5 0	19 3	2 55	21 39	0 11	8 29	0 54	9 32	1 45	3 18	2 12	17 31	0 50	2 3	2 1	39 58	15 51	23 6	23 15	21 57		n.a.
T 5	7 38	11 34	4 36	18 50	2 57	21 35	0 5	8 44	0 54	9 35	1 45	3 16	2 12	17 30	0 50	2 3	2 1	39 58	15 51	23 7	23 15	21 59		n.a.
F 6	7 16	16 3	3 55	18 34	2 59	21 31	0s 1	8 58	0 55	9 38	1 45	3 15	2 12	17 29	0 50	2 2	2 1	39 57	15 50	23 7	23 15	22 0		n.a.
S 7	6 54	19 40	3 0	18 17	2 59	21 26	0 7	9 13	0 55	9 41	1 45	3 13	2 12	17 28	0 50	2 1	2 1	39 57	15 50	23 7	23 16	22 1		n.a.
S 8	6 31	22 7	1 53	17 57	2 59	21 20	0 13	9 28	0 55	9 44	1 44	3 12	2 12	17 27	0 50	2 0	2 1	39 56	15 49	23 7	23 16	22 2		n.a.
M 9	6 9	23 10	0 40	17 35	2 58	21 14	0 18	9 42	0 56	9 46	1 44	3 10	2 12	17 26	0 50	1 59	2 1	39 56	15 49	23 7	23 16	22 3		n.a.
T 10	5 46	22 43	0s36	17 11	2 56	21 7	0 24	9 57	0 56	9 49	1 44	3 9	2 12	17 25	0 50	1 58	2 1	39 55	15 48	23 7	23 17	22 4		n.a.
W11	5 23	20 48	1 50	16 45	2 54	21 0	0 29	10 11	0 56	9 52	1 44	3 7	2 13	17 24	0 50	1 57	2 1	39 55	15 48	23 7	23 17	22 6		n.a.
T 12	5 1	17 38	2 56	16 16	2 51	20 52	0 34	10 25	0 56	9 55	1 44	3 6	2 13	17 23	0 50	1 56	2 1	39 54	15 48	23 8	23 18	22 7		n.a.
F 13	4 38	13 30	3 50	15 46	2 47	20 44	0 40	10 40	0 57	9 58	1 44	3 4	2 13	17 22	0 50	1 55	2 1	39 54	15 47	23 9	23 18	22 8		n.a.
S 14	4 15	8 42	4 31	15 13	2 42	20 35	0 44	10 54	0 57	10 0	1 44	3 3	2 13	17 21	0 50	1 54	2 1	39 54	15 47	23 10	23 18	22 9		n.a.
S 15	3 52	3 35	4 55	14 39	2 37	20 25	0 49	11 8	0 57	10 3	1 43	3 1	2 13	17 20	0 50	1 53	2 1	39 53	15 46	23 11	23 19	22 10		n.a.
M16	3 29	1n35	5 3	14 2	2 31	20 15	0 54	11 22	0 58	10 6	1 43	3 0	2 13	17 20	0 50	1 53	2 1	39 53	15 46	23 12	23 19	22 11		n.a.
T 17	3 6	6 34	4 55	13 23	2 25	20 4	0 58	11 36	0 58	10 8	1 43	2 58	2 13	17 19	0 50	1 52	2 1	39 52	15 45	23 13	23 19	22 12		n.a.
W18	2 42	11 10	4 33	12 42	2 18	19 53	1 3	11 50	0 58	10 11	1 43	2 56	2 13	17 18	0 50	1 51	2 1	39 52	15 45	23 14	23 20	22 14		n.a.
T 19	2 19	15 13	3 59	11 59	2 10	19 41	1 7	12 4	0 59	10 13	1 43	2 55	2 13	17 17	0 50	1 50	2 1	39 51	15 44	23 15	23 20	22 15		n.a.
F 20	1 56	18 34	3 15	11 15	2 2	19 28	1 11	12 18	0 59	10 16	1 42	2 53	2 13	17 16	0 50	1 49	2 1	39 51	15 44	23 16	23 20	22 16		n.a.
S 21	1 33	21 6	2 22	10 28	1 54	19 15	1 15	12 32	0 59	10 18	1 42	2 51	2 13	17 15	0 50	1 48	2 1	39 50	15 44	23 16	23 21	22 17		n.a.
S 22	1 10	22 43	1 24	9 39	1 44	19 2	1 19	12 46	0 59	10 21	1 42	2 50	2 13	17 14	0 50	1 47	2 1	39 50	15 43	23 16	23 21	22 18		n.a.
M23	0 46	23 18	0 22	8 49	1 35	18 48	1 23	13 0	1 0	10 23	1 42	2 48	2 13	17 14	0 50	1 46	2 1	39 50	15 43	23 16	23 21	22 19		n.a.
T 24	0 23	22 50	0n41	7 56	1 25	18 33	1 26	13 13	1 0	10 26	1 42	2 46	2 13	17 13	0 50	1 45	2 1	39 49	15 42	23 16	23 22	22 20		n.a.
W25	0n 0	21 17	1 44	7 2	1 15	18 18	1 30	13 27	1 0	10 28	1 41	2 45	2 13	17 12	0 50	1 44	2 1	39 49	15 42	23 16	23 22	22 21		n.a.
T 26	0 23	18 42	2 43	6 7	1 4	18 2	1 33	13 40	1 1	10 30	1 41	2 43	2 13	17 11	0 50	1 43	2 1	39 48	15 41	23 16	23 22	22 22		n.a.
F 27	0 47	15 10	3 35	5 10	0 54	17 46	1 36	13 54	1 1	10 33	1 41	2 41	2 13	17 10	0 50	1 42	2 1	39 48	15 41	23 17	23 23	22 23		n.a.
S 28	1 10	10 49	4 17	4 12	0 43	17 29	1 39	14 7	1 1	10 35	1 41	2 40	2 13	17 10	0 50	1 41	2 1	39 47	15 40	23 18	23 23	22 25		n.a.
S 29	1 33	5 50	4 47	3 12	0 32	17 12	1 42	14 20	1 1	10 37	1 40	2 38	2 13	17 9	0 51	1 41	2 1	39 47	15 40	23 19	23 23	22 26		n.a.
M30	1n56	0n27	5n 0	2s12	0s21	16s54	1s45	14n33	1n 2	10n39	1n40	2s36	2n13	17s 8	0s51	1s40	2s 1	39n46	15n39	23n21	23n24	22n27		n.a.

Julian Day Number = 188193.5, Delta T = 32h33m01s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'27, Lahiri = -61°37'27 Julian Calendar 1 Apr. 4198 BCE == Greg. Calendar 27 Feb. 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

MAY 4198 BCE (-4197) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 23 58	5♈42'10	24♎11	27♓29	21♒ 0	5♉44	7°R 7	11°R19	16♒33	0♈28	0♋21	13°R56	13♋35	25♊43	n.a.	T 1
W 2	12 27 55	6°39'08	8♏24	29°36	22° 3	6°22	7♍ 1	11♎15	16°35	0°30	0°22	13♋47	13°32	25°50	n.a.	W 2
T 3	12 31 51	7°36'07	22°42	1♈44	23° 6	6°59	6°55	11°10	16°38	0°33	0°22	13°39	13°28	25°56	n.a.	T 3
F 4	12 35 48	8°33'06	7♐ 1	3°52	24°10	7°37	6°50	11° 6	16°40	0°35	0°23	13°34	13°25	26° 3	n.a.	F 4
S 5	12 39 45	9°30'06	21°17	6° 2	25°14	8°14	6°44	11° 2	16°43	0°37	0°24	13°32	13°22	26° 9	n.a.	S 5
S 6	12 43 41	10°27'07	5♑28	8°11	26°18	8°52	6°39	10°57	16°45	0°39	0°24	13°31	13°19	26°16	n.a.	S 6
M 7	12 47 38	11°24'08	19°33	10°20	27°23	9°29	6°34	10°53	16°47	0°42	0°25	13°31	13°16	26°23	n.a.	M 7
T 8	12 51 34	12°21'11	3♒31	12°29	28°28	10° 7	6°29	10°48	16°50	0°44	0°26	13°30	13°13	26°29	n.a.	T 8
W 9	12 55 31	13°18'14	17°20	14°38	29°33	10°45	6°24	10°44	16°52	0°46	0°27	13°28	13° 9	26°36	n.a.	W 9
T 10	12 59 27	14°15'17	1♓ 2	16°46	0♓38	11°22	6°20	10°40	16°54	0°48	0°27	13°23	13° 6	26°43	n.a.	T 10
F 11	13 3 24	15°12'22	14°34	18°52	1°43	12° 0	6°15	10°35	16°56	0°50	0°28	13°15	13° 3	26°49	n.a.	F 11
S 12	13 7 21	16° 9'27	27°55	20°58	2°48	12°38	6°11	10°31	16°58	0°53	0°29	13° 4	13° 0	26°56	n.a.	S 12
S 13	13 11 17	17° 6'33	11♈ 3	23° 3	3°54	13°15	6° 6	10°26	17° 1	0°55	0°30	12°52	12°57	27° 3	n.a.	S 13
M14	13 15 14	18° 3'40	23°57	25° 6	5° 0	13°53	6° 2	10°22	17° 3	0°57	0°31	12°39	12°54	27° 9	n.a.	M14
T 15	13 19 10	19° 0'48	6♉36	27° 7	6° 6	14°31	5°59	10°18	17° 5	0°59	0°32	12°27	12°50	27°16	n.a.	T 15
W16	13 23 7	19°57'56	18°59	29° 8	7°12	15° 9	5°55	10°13	17° 7	1° 1	0°33	12°16	12°47	27°23	n.a.	W16
T 17	13 27 3	20°55'05	1♊10	1♉ 6	8°18	15°47	5°51	10° 9	17° 8	1° 3	0°34	12° 8	12°44	27°29	n.a.	T 17
F 18	13 31 0	21°52'15	13° 8	3° 3	9°25	16°24	5°48	10° 5	17°10	1° 5	0°35	12° 3	12°41	27°36	n.a.	F 18
S 19	13 34 57	22°49'25	25° 0	4°58	10°31	17° 2	5°45	10° 1	17°12	1° 7	0°36	12° 0	12°38	27°43	n.a.	S 19
S 20	13 38 53	23°46'37	6♋47	6°52	11°38	17°40	5°42	9°56	17°14	1°10	0°37	11°59	12°34	27°49	n.a.	S 20
M21	13 42 50	24°43'48	18°37	8°44	12°45	18°18	5°39	9°52	17°16	1°12	0°38	11°59	12°31	27°56	n.a.	M21
T 22	13 46 46	25°41'01	0♌33	10°34	13°52	18°56	5°36	9°48	17°18	1°14	0°39	11°59	12°28	28° 3	n.a.	T 22
W23	13 50 43	26°38'14	12°42	12°22	14°59	19°34	5°34	9°44	17°19	1°16	0°41	11°58	12°25	28° 9	n.a.	W23
T 24	13 54 39	27°35'28	25° 8	14° 9	16° 7	20°12	5°31	9°40	17°21	1°18	0°42	11°55	12°22	28°16	n.a.	T 24
F 25	13 58 36	28°32'43	7♍56	15°54	17°14	20°50	5°29	9°36	17°22	1°20	0°43	11°50	12°19	28°23	n.a.	F 25
S 26	14 2 33	29°29'59	21° 9	17°37	18°22	21°28	5°27	9°32	17°24	1°22	0°44	11°42	12°15	28°29	n.a.	S 26
S 27	14 6 29	0♉27'15	4♎47	19°19	19°30	22° 6	5°26	9°28	17°26	1°24	0°46	11°32	12°12	28°36	n.a.	S 27
M28	14 10 26	1°24'33	18°49	20°58	20°38	22°44	5°24	9°24	17°27	1°26	0°47	11°22	12° 9	28°42	n.a.	M28
T 29	14 14 22	2°21'52	3♏12	22°37	21°46	23°23	5°23	9°20	17°28	1°28	0°48	11°12	12° 6	28°49	n.a.	T 29
W30	14 18 19	3°19'12	17°48	24°13	22°54	24° 1	5°21	9°16	17°30	1°30	0°50	11° 3	12° 3	28°56	n.a.	W30
T 31	14 22 15	4♉16'33	2♐31	25♉48	24♓ 2	24♉39	5♍20	9♎12	17♒31	1♈32	0♋51	10♋56	12♋ 0	29♊ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	2n20	5s 4	4n56	1s11	0s10	16s36	1s48	14n47	1n 2	10n41	1n40	2s34	2n13	17s 7	0s51	1s39	2s 1	39n46	15n39	23n22	23n24	22n28		n.a.	
W 2	2 43	10 23	4 34	0 9	0n 1	16 17	1 50	15 0	1 2	10 43	1 40	2 33	2 13	17 7	0 51	1 38	2 1	39 46	15 39	23 23	23 24	22 29		n.a.	
T 3	3 6	15 11	3 55	0n53	0 11	15 58	1 53	15 13	1 2	10 45	1 39	2 31	2 13	17 6	0 51	1 37	2 1	39 45	15 38	23 24	23 25	22 30		n.a.	
F 4	3 29	19 8	3 0	1 55	0 22	15 38	1 55	15 25	1 3	10 47	1 39	2 29	2 12	17 5	0 51	1 36	2 1	39 45	15 38	23 24	23 25	22 31		n.a.	
S 5	3 52	21 55	1 55	2 56	0 32	15 18	1 57	15 38	1 3	10 49	1 39	2 28	2 12	17 4	0 51	1 35	2 1	39 44	15 37	23 24	23 25	22 32		n.a.	
S 6	4 15	23 18	0 42	3 58	0 41	14 58	1 59	15 51	1 3	10 50	1 39	2 26	2 12	17 4	0 51	1 34	2 1	39 44	15 37	23 24	23 26	22 33		n.a.	
M 7	4 38	23 10	0s32	4 58	0 50	14 37	2 1	16 3	1 3	10 52	1 38	2 24	2 12	17 3	0 51	1 33	2 1	39 43	15 36	23 24	23 26	22 34		n.a.	
T 8	5 1	21 36	1 44	5 58	0 59	14 15	2 3	16 16	1 4	10 54	1 38	2 22	2 12	17 2	0 51	1 32	2 1	39 43	15 36	23 25	23 26	22 35		n.a.	
W 9	5 24	18 44	2 49	6 57	1 7	13 53	2 5	16 28	1 4	10 55	1 38	2 21	2 12	17 2	0 51	1 32	2 1	39 42	15 36	23 25	23 27	22 36		n.a.	
T 10	5 46	14 52	3 43	7 55	1 15	13 31	2 6	16 41	1 4	10 57	1 37	2 19	2 12	17 1	0 51	1 31	2 1	39 42	15 35	23 25	23 27	22 37		n.a.	
F 11	6 9	10 17	4 24	8 51	1 22	13 8	2 8	16 53	1 4	10 58	1 37	2 17	2 12	17 0	0 51	1 30	2 1	39 42	15 35	23 26	23 27	22 38		n.a.	
S 12	6 32	5 16	4 50	9 46	1 28	12 45	2 9	17 5	1 4	10 59	1 37	2 16	2 12	17 0	0 51	1 29	2 1	39 41	15 34	23 27	23 28	22 39		n.a.	
S 13	6 54	0 6	5 0	10 39	1 34	12 22	2 10	17 17	1 5	11 1	1 36	2 14	2 12	16 59	0 51	1 28	2 1	39 41	15 34	23 28	23 28	22 40		n.a.	
M14	7 17	5n 0	4 55	11 31	1 39	11 58	2 11	17 29	1 5	11 2	1 36	2 12	2 12	16 58	0 51	1 27	2 1	39 40	15 33	23 30	23 28	22 41		n.a.	
T 15	7 39	9 47	4 35	12 21	1 44	11 34	2 12	17 41	1 5	11 3	1 36	2 11	2 12	16 58	0 51	1 26	2 1	39 40	15 33	23 31	23 29	22 42		n.a.	
W16	8 1	14 5	4 2	13 9	1 48	11 10	2 13	17 52	1 5	11 4	1 35	2 9	2 12	16 57	0 51	1 25	2 1	39 39	15 33	23 32	23 29	22 43		n.a.	
T 17	8 23	17 44	3 18	13 55	1 51	10 45	2 14	18 4	1 5	11 5	1 35	2 7	2 11	16 57	0 51	1 25	2 1	39 39	15 32	23 33	23 29	22 44		n.a.	
F 18	8 45	20 36	2 27	14 39	1 54	10 20	2 14	18 15	1 6	11 6	1 35	2 6	2 11	16 56	0 51	1 24	2 1	39 39	15 32	23 33	23 30	22 45		n.a.	
S 19	9 7	22 32	1 29	15 21	1 56	9 54	2 15	18 27	1 6	11 7	1 34	2 4	2 11	16 56	0 51	1 23	2 1	39 38	15 31	23 33	23 30	22 46		n.a.	
S 20	9 29	23 29	0 28	16 2	1 57	9 28	2 15	18 38	1 6	11 8	1 34	2 3	2 11	16 55	0 51	1 22	2 1	39 38	15 31	23 34	23 30	22 47		n.a.	
M21	9 50	23 22	0n35	16 40	1 58	9 2	2 16	18 49	1 6	11 9	1 34	2 1	2 11	16 55	0 51	1 21	2 1	39 37	15 31	23 34	23 30	22 48		n.a.	
T 22	10 12	22 11	1 37	17 16	1 58	8 36	2 16	19 0	1 6	11 10	1 33	1 59	2 11	16 54	0 51	1 20	2 1	39 37	15 30	23 34	23 31	22 49		n.a.	
W23	10 33	19 57	2 36	17 51	1 58	8 9	2 16	19 11	1 7	11 10	1 33	1 58	2 11	16 54	0 51	1 20	2 1	39 37	15 30	23 34	23 31	22 50		n.a.	
T 24	10 54	16 46	3 28	18 24	1 57	7 42	2 16	19 22	1 7	11 11	1 33	1 56	2 11	16 53	0 51	1 19	2 1	39 36	15 29	23 34	23 31	22 51		n.a.	
F 25	11 15	12 42	4 12	18 54	1 56	7 15	2 16	19 32	1 7	11 11	1 32	1 55	2 10	16 53	0 51	1 18	2 1	39 36	15 29	23 34	23 32	22 52		n.a.	
S 26	11 36	7 56	4 44	19 23	1 54	6 48	2 16	19 43	1 7	11 12	1 32	1 53	2 10	16 52	0 51	1 17	2 1	39 35	15 29	23 35	23 32	22 53		n.a.	
S 27	11 57	2 37	5 1	19 50	1 52	6 20	2 16	19 53	1 7	11 12	1 32	1 52	2 10	16 52	0 52	1 16	2 1	39 35	15 28	23 36	23 32	22 54		n.a.	
M28	12 18	2s58	5 0	20 15	1 49	5 53	2 15	20 4	1 7	11 12	1 31	1 51	2 10	16 51	0 52	1 16	2 1	39 35	15 28	23 37	23 33	22 55		n.a.	
T 29	12 38	8 32	4 41	20 38	1 45	5 25	2 15	20 14	1 8	11 12	1 31	1 49	2 10	16 51	0 52	1 15	2 1	39 34	15 28	23 38	23 33	22 56		n.a.	
W30	12 58	13 44	4 3	20 59	1 41	4 56	2 14	20 24	1 8	11 13	1 31	1 48	2 10	16 51	0 52	1 14	2 1	39 34	15 27	23 39	23 33	22 56		n.a.	
T 31	13n18	18s10	3n 9	21n19	1n37	4s28	2s14	20n34	1n 8	11n13	1n30	1s46	2n10	16s50	0s52	1s13	2s 1	39n34	15n27	23n39	23n33	22n57		n.a.	

Julian Day Number = 188223.5, Delta T = 32h32m58s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'23, Lahiri = -61°37'23 Julian Calendar 1 May 4198 BCE == Greg. Calendar 29 March 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

JUNE 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 26 12	5♉13'56	17♐13	27♉21	25♓11	25♉17	5°R19	9°R 9	17♒32	1♈34	0♋53	10°R51	11♋56	29♊ 9	n.a.	F 1
S 2	14 30 9	6°11'20	1♑48	28°52	26°19	25°56	5♍19	9♎ 5	17°34	1°36	0°54	10♋49	11°53	29°16	n.a.	S 2
S 3	14 34 5	7° 8'47	16°12	0♊22	27°28	26°34	5°18	9° 1	17°35	1°38	0°56	10°D49	11°50	29°22	n.a.	S 3
M 4	14 38 2	8° 6'14	0♒21	1°50	28°37	27°12	5°18	8°58	17°36	1°39	0°57	10°50	11°47	29°29	n.a.	M 4
T 5	14 41 58	9° 3'44	14°16	3°16	29°46	27°51	5°D18	8°54	17°37	1°41	0°59	10°R50	11°44	29°36	n.a.	T 5
W 6	14 45 55	10° 1'15	27°56	4°41	0♈55	28°29	5°18	8°51	17°38	1°43	1° 0	10°48	11°40	29°42	n.a.	W 6
T 7	14 49 51	10°58'48	11♓22	6° 3	2° 4	29° 7	5°18	8°47	17°39	1°45	1° 2	10°45	11°37	29°49	n.a.	T 7
F 8	14 53 48	11°56'23	24°34	7°24	3°14	29°46	5°19	8°44	17°40	1°47	1° 3	10°39	11°34	29°56	n.a.	F 8
S 9	14 57 45	12°53'59	7♈34	8°43	4°23	0♊24	5°19	8°41	17°41	1°49	1° 5	10°31	11°31	0♋ 2	n.a.	S 9
S 10	15 1 41	13°51'37	20°21	10° 0	5°33	1° 3	5°20	8°38	17°42	1°50	1° 7	10°21	11°28	0° 9	n.a.	S 10
M11	15 5 38	14°49'17	2♉56	11°15	6°43	1°41	5°21	8°34	17°43	1°52	1° 8	10°11	11°25	0°16	n.a.	M11
T 12	15 9 34	15°46'58	15°19	12°28	7°52	2°20	5°22	8°31	17°43	1°54	1°10	10° 1	11°21	0°22	n.a.	T 12
W13	15 13 31	16°44'41	27°31	13°39	9° 2	2°59	5°24	8°28	17°44	1°56	1°12	9°53	11°18	0°29	n.a.	W13
T 14	15 17 27	17°42'26	9♊33	14°48	10°12	3°37	5°25	8°25	17°45	1°57	1°13	9°46	11°15	0°36	n.a.	T 14
F 15	15 21 24	18°40'13	21°27	15°54	11°22	4°16	5°27	8°23	17°45	1°59	1°15	9°42	11°12	0°42	n.a.	F 15
S 16	15 25 21	19°38'01	3♋15	16°58	12°33	4°55	5°29	8°20	17°46	2° 1	1°17	9°41	11° 9	0°49	n.a.	S 16
S 17	15 29 17	20°35'50	15° 1	17°59	13°43	5°33	5°31	8°17	17°46	2° 2	1°19	9°D40	11° 5	0°55	n.a.	S 17
M18	15 33 14	21°33'41	26°49	18°58	14°53	6°12	5°33	8°15	17°47	2° 4	1°21	9°41	11° 2	1° 2	n.a.	M18
T 19	15 37 10	22°31'34	8♌44	19°54	16° 4	6°51	5°36	8°12	17°47	2° 5	1°22	9°43	10°59	1° 9	n.a.	T 19
W20	15 41 7	23°29'28	20°51	20°47	17°15	7°30	5°38	8°10	17°48	2° 7	1°24	9°R44	10°56	1°15	n.a.	W20
T 21	15 45 3	24°27'24	3♍16	21°37	18°25	8° 9	5°41	8° 7	17°48	2° 8	1°26	9°43	10°53	1°22	n.a.	T 21
F 22	15 49 0	25°25'21	16° 2	22°23	19°36	8°48	5°44	8° 5	17°48	2°10	1°28	9°41	10°50	1°29	n.a.	F 22
S 23	15 52 56	26°23'20	29°14	23° 6	20°47	9°27	5°47	8° 3	17°48	2°11	1°30	9°37	10°46	1°35	n.a.	S 23
S 24	15 56 53	27°21'20	12♎54	23°46	21°58	10° 6	5°51	8° 1	17°49	2°13	1°32	9°32	10°43	1°42	n.a.	S 24
M25	16 0 50	28°19'22	27° 1	24°21	23° 9	10°45	5°54	7°59	17°49	2°14	1°34	9°26	10°40	1°49	n.a.	M25
T 26	16 4 46	29°17'26	11♏33	24°52	24°20	11°24	5°58	7°57	17°49	2°16	1°36	9°20	10°37	1°55	n.a.	T 26
W27	16 8 43	0♊15'32	26°24	25°19	25°32	12° 3	6° 2	7°55	17°R49	2°17	1°38	9°14	10°34	2° 2	n.a.	W27
T 28	16 12 39	1°13'40	11♐26	25°41	26°43	12°42	6° 6	7°53	17°49	2°18	1°40	9°10	10°31	2° 9	n.a.	T 28
F 29	16 16 36	2°11'50	26°29	25°58	27°54	13°21	6°10	7°51	17°49	2°20	1°42	9° 8	10°27	2°15	n.a.	F 29
S 30	16 20 32	3♊10'02	11♑25	26♊10	29♈ 6	14♊ 0	6♍14	7♎50	17♒48	2♈21	1♋44	9°D 7	10♋24	2♋22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n38	21s27	2n 2	21n37	1n32	3s59	2s13	20n43	1n 8	11n13	1n30	1s45	2n 9	16s50	0s52	1s12	2s 1	39n33	15n26	23n39	23n34	22n58		n.a.
S 2	13 58	23 18	0 48	21 53	1 27	3 30	2 12	20 53	1 8	11 13	1 30	1 44	2 9	16 49	0 52	1 12	2 1	39 33	15 26	23 40	23 34	22 59		n.a.
S 3	14 17	23 35	0s29	22 8	1 21	3 2	2 11	21 2	1 8	11 12	1 29	1 42	2 9	16 49	0 52	1 11	2 1	39 33	15 26	23 40	23 34	23 0		n.a.
M 4	14 36	22 19	1 42	22 21	1 15	2 33	2 10	21 12	1 8	11 12	1 29	1 41	2 9	16 49	0 52	1 10	2 1	39 32	15 25	23 40	23 35	23 1		n.a.
T 5	14 55	19 42	2 49	22 32	1 9	2 3	2 9	21 21	1 9	11 12	1 29	1 40	2 9	16 48	0 52	1 9	2 1	39 32	15 25	23 40	23 35	23 2		n.a.
W 6	15 14	16 1	3 44	22 42	1 2	1 34	2 8	21 30	1 9	11 12	1 28	1 39	2 9	16 48	0 52	1 9	2 2	39 31	15 25	23 40	23 35	23 3		n.a.
T 7	15 32	11 35	4 26	22 50	0 55	1 5	2 6	21 39	1 9	11 11	1 28	1 37	2 8	16 48	0 52	1 8	2 2	39 31	15 24	23 40	23 35	23 4		n.a.
F 8	15 51	6 41	4 53	22 57	0 48	0 35	2 5	21 47	1 9	11 11	1 28	1 36	2 8	16 48	0 52	1 7	2 2	39 31	15 24	23 41	23 36	23 5		n.a.
S 9	16 9	1 34	5 5	23 2	0 40	0 5	2 4	21 56	1 9	11 10	1 27	1 35	2 8	16 47	0 52	1 7	2 2	39 30	15 24	23 41	23 36	23 5		n.a.
S 10	16 27	3n33	5 1	23 6	0 32	0n24	2 2	22 4	1 9	11 9	1 27	1 34	2 8	16 47	0 52	1 6	2 2	39 30	15 24	23 42	23 36	23 6		n.a.
M11	16 44	8 26	4 42	23 9	0 23	0 54	2 1	22 13	1 9	11 9	1 26	1 33	2 8	16 47	0 52	1 5	2 2	39 30	15 23	23 43	23 37	23 7		n.a.
T 12	17 2	12 55	4 10	23 10	0 14	1 24	1 59	22 21	1 9	11 8	1 26	1 32	2 7	16 47	0 52	1 5	2 2	39 30	15 23	23 44	23 37	23 8		n.a.
W13	17 19	16 48	3 27	23 10	0 5	1 53	1 57	22 29	1 10	11 7	1 26	1 31	2 7	16 47	0 52	1 4	2 2	39 29	15 23	23 44	23 37	23 9		n.a.
T 14	17 35	19 57	2 35	23 9	0s 4	2 23	1 56	22 37	1 10	11 6	1 25	1 30	2 7	16 46	0 52	1 3	2 2	39 29	15 22	23 45	23 37	23 10		n.a.
F 15	17 52	22 13	1 37	23 7	0 14	2 53	1 54	22 44	1 10	11 5	1 25	1 29	2 7	16 46	0 52	1 3	2 2	39 29	15 22	23 45	23 38	23 10		n.a.
S 16	18 8	23 30	0 35	23 4	0 24	3 23	1 52	22 52	1 10	11 4	1 25	1 28	2 7	16 46	0 52	1 2	2 2	39 28	15 22	23 45	23 38	23 11		n.a.
S 17	18 24	23 43	0n29	22 59	0 34	3 53	1 50	22 59	1 10	11 3	1 24	1 27	2 6	16 46	0 52	1 1	2 2	39 28	15 22	23 45	23 38	23 12		n.a.
M18	18 40	22 53	1 32	22 54	0 44	4 23	1 48	23 6	1 10	11 2	1 24	1 26	2 6	16 46	0 52	1 1	2 2	39 28	15 21	23 45	23 39	23 13		n.a.
T 19	18 55	21 0	2 31	22 48	0 55	4 52	1 46	23 13	1 10	11 1	1 24	1 25	2 6	16 46	0 53	1 0	2 2	39 27	15 21	23 45	23 39	23 14		n.a.
W20	19 10	18 10	3 24	22 41	1 6	5 22	1 44	23 20	1 10	10 59	1 23	1 25	2 6	16 46	0 53	1 0	2 2	39 27	15 21	23 45	23 39	23 15		n.a.
T 21	19 25	14 27	4 10	22 34	1 17	5 52	1 41	23 26	1 10	10 58	1 23	1 24	2 5	16 46	0 53	0 59	2 2	39 27	15 21	23 45	23 39	23 15		n.a.
F 22	19 39	10 0	4 44	22 26	1 28	6 21	1 39	23 33	1 10	10 56	1 23	1 23	2 5	16 46	0 53	0 58	2 2	39 27	15 20	23 45	23 40	23 16		n.a.
S 23	19 53	4 57	5 5	22 17	1 39	6 51	1 37	23 39	1 10	10 55	1 22	1 22	2 5	16 46	0 53	0 58	2 2	39 26	15 20	23 45	23 40	23 17		n.a.
S 24	20 7	0s30	5 10	22 7	1 51	7 20	1 34	23 45	1 11	10 53	1 22	1 22	2 5	16 46	0 53	0 57	2 2	39 26	15 20	23 46	23 40	23 18		n.a.
M25	20 21	6 7	4 56	21 58	2 2	7 49	1 32	23 51	1 11	10 52	1 22	1 21	2 5	16 46	0 53	0 57	2 2	39 26	15 20	23 46	23 40	23 19		n.a.
T 26	20 34	11 34	4 23	21 47	2 13	8 19	1 30	23 57	1 11	10 50	1 21	1 21	2 4	16 46	0 53	0 56	2 2	39 26	15 19	23 47	23 41	23 19		n.a.
W27	20 47	16 28	3 32	21 37	2 25	8 48	1 27	24 2	1 11	10 48	1 21	1 20	2 4	16 46	0 53	0 56	2 2	39 25	15 19	23 47	23 41	23 20		n.a.
T 28	20 59	20 23	2 25	21 27	2 36	9 16	1 25	24 8	1 11	10 46	1 21	1 20	2 4	16 46	0 53	0 55	2 2	39 25	15 19	23 47	23 41	23 21		n.a.
F 29	21 11	22 56	1 8	21 16	2 47	9 45	1 22	24 13	1 11	10 44	1 20	1 19	2 4	16 46	0 53	0 55	2 3	39 25	15 19	23 47	23 41	23 22		n.a.
S 30	21n23	23s49	0s13	21n 6	2s58	10n14	1s19	24n18	1n11	10n42	1n20	1s19	2n 3	16s46	0s53	0s54	2s 3	39n25	15n19	23n48	23n42	23n22		n.a.

Julian Day Number = 188254.5, Delta T = 32h32m55s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'19, Lahiri = -61°37'19 Julian Calendar 1 June 4198 BCE == Greg. Calendar 29 Apr. 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

JULY 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 24 29	4♊ 8'16	26♉ 8	26♊16	0♉18	14♊40	6♍19	7°R48	17°R48	2♈22	1♋46	9♋ 8	10♋21	2♋29	n.a.	S 1
M 2	16 28 25	5° 6'33	10♒31	26°R16	1°29	15°19	6°24	7♎47	17♒48	2°24	1°48	9°10	10°18	2°35	n.a.	M 2
T 3	16 32 22	6° 4'52	24°33	26°11	2°41	15°58	6°28	7°46	17°48	2°25	1°50	9°11	10°15	2°42	n.a.	T 3
W 4	16 36 19	7° 3'13	8♓14	25°59	3°53	16°37	6°33	7°44	17°47	2°26	1°52	9°R11	10°11	2°48	n.a.	W 4
T 5	16 40 15	8° 1'37	21°35	25°40	5° 5	17°17	6°39	7°43	17°47	2°27	1°54	9°11	10° 8	2°55	n.a.	T 5
F 6	16 44 12	9° 0'03	4♈37	25°15	6°17	17°56	6°44	7°42	17°47	2°28	1°56	9° 8	10° 5	3° 2	n.a.	F 6
S 7	16 48 8	9°58'31	17°22	24°44	7°29	18°36	6°50	7°41	17°46	2°29	1°58	9° 5	10° 2	3° 8	n.a.	S 7
S 8	16 52 5	10°57'02	29°53	24° 7	8°42	19°15	6°55	7°40	17°46	2°30	2° 0	9° 1	9°59	3°15	n.a.	S 8
M 9	16 56 1	11°55'35	12♉12	23°23	9°54	19°55	7° 1	7°40	17°45	2°31	2° 3	8°56	9°56	3°22	n.a.	M 9
T 10	16 59 58	12°54'11	24°21	22°34	11° 6	20°34	7° 7	7°39	17°44	2°32	2° 5	8°51	9°52	3°28	n.a.	T 10
W11	17 3 54	13°52'48	6♊21	21°41	12°19	21°14	7°13	7°38	17°44	2°33	2° 7	8°48	9°49	3°35	n.a.	W11
T 12	17 7 51	14°51'28	18°15	20°43	13°31	21°54	7°19	7°38	17°43	2°34	2° 9	8°45	9°46	3°42	n.a.	T 12
F 13	17 11 47	15°50'11	0♋ 4	19°42	14°44	22°33	7°26	7°38	17°42	2°35	2°11	8°44	9°43	3°48	n.a.	F 13
S 14	17 15 44	16°48'55	11°50	18°40	15°57	23°13	7°33	7°37	17°41	2°36	2°13	8°D43	9°40	3°55	n.a.	S 14
S 15	17 19 41	17°47'42	23°37	17°37	17°10	23°53	7°39	7°37	17°40	2°37	2°16	8°44	9°37	4° 2	n.a.	S 15
M16	17 23 37	18°46'30	5♌27	16°36	18°23	24°33	7°46	7°D37	17°39	2°38	2°18	8°45	9°33	4° 8	n.a.	M16
T 17	17 27 34	19°45'21	17°24	15°37	19°35	25°12	7°53	7°37	17°39	2°39	2°20	8°47	9°30	4°15	n.a.	T 17
W18	17 31 30	20°44'13	29°31	14°43	20°48	25°52	8° 0	7°37	17°37	2°39	2°22	8°48	9°27	4°22	n.a.	W18
T 19	17 35 27	21°43'08	11♍54	13°53	22° 2	26°32	8° 8	7°38	17°36	2°40	2°24	8°49	9°24	4°28	n.a.	T 19
F 20	17 39 23	22°42'05	24°37	13°11	23°15	27°12	8°15	7°38	17°35	2°41	2°27	8°R50	9°21	4°35	n.a.	F 20
S 21	17 43 20	23°41'03	7♎43	12°37	24°28	27°52	8°23	7°38	17°34	2°41	2°29	8°49	9°17	4°41	n.a.	S 21
S 22	17 47 16	24°40'04	21°15	12°11	25°41	28°32	8°31	7°39	17°33	2°42	2°31	8°48	9°14	4°48	n.a.	S 22
M23	17 51 13	25°39'06	5♏15	11°55	26°55	29°12	8°38	7°40	17°32	2°43	2°33	8°47	9°11	4°55	n.a.	M23
T 24	17 55 9	26°38'11	19°42	11°D49	28° 8	29°52	8°46	7°40	17°30	2°43	2°36	8°45	9° 8	5° 1	n.a.	T 24
W25	17 59 6	27°37'18	4♐32	11°53	29°22	0♋32	8°55	7°41	17°29	2°44	2°38	8°44	9° 5	5° 8	n.a.	W25
T 26	18 3 2	28°36'27	19°38	12° 6	0♊35	1°13	9° 3	7°42	17°28	2°44	2°40	8°43	9° 2	5°15	n.a.	T 26
F 27	18 6 59	29°35'38	4♉51	12°30	1°49	1°53	9°11	7°43	17°26	2°45	2°42	8°D42	8°58	5°21	n.a.	F 27
S 28	18 10 56	0♋34'52	20° 2	13° 3	3° 2	2°33	9°20	7°44	17°25	2°45	2°45	8°42	8°55	5°28	n.a.	S 28
S 29	18 14 52	1°34'08	5♒ 2	13°45	4°16	3°13	9°28	7°45	17°23	2°46	2°47	8°43	8°52	5°35	n.a.	S 29
M30	18 18 49	2°33'26	19°42	14°36	5°30	3°54	9°37	7°47	17°22	2°46	2°49	8°43	8°49	5°41	n.a.	M30
T 31	18 22 45	3♋32'47	3♓59	15♊35	6♊44	4♋34	9♍46	7♎48	17♒20	2♈46	2♋51	8♋44	8♋46	5♋48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n34	23s 1	1s32	20n55	3s 8	10n42	1s17	24n23	1n11	10n40	1n20	1s18	2n 3	16s46	0s53	0s54	2s 3	39n25	15n18	23n47	23n42	23n23		n.a.
M 2	21 45	20 42	2 43	20 45	3 19	11 10	1 14	24 27	1 11	10 38	1 19	1 18	2 3	16 46	0 53	0 53	2 3	39 24	15 18	23 47	23 42	23 24		n.a.
T 3	21 56	17 12	3 43	20 36	3 28	11 38	1 11	24 32	1 11	10 36	1 19	1 18	2 3	16 46	0 53	0 53	2 3	39 24	15 18	23 47	23 42	23 25		n.a.
W 4	22 6	12 51	4 29	20 26	3 37	12 6	1 9	24 36	1 11	10 34	1 19	1 17	2 2	16 46	0 53	0 52	2 3	39 24	15 18	23 47	23 43	23 25		n.a.
T 5	22 16	7 59	4 59	20 18	3 45	12 33	1 6	24 40	1 11	10 32	1 18	1 17	2 2	16 47	0 53	0 52	2 3	39 24	15 18	23 47	23 43	23 26		n.a.
F 6	22 25	2 52	5 12	20 10	3 52	13 0	1 3	24 44	1 11	10 29	1 18	1 17	2 2	16 47	0 53	0 52	2 3	39 24	15 18	23 47	23 43	23 27		n.a.
S 7	22 34	2n15	5 10	20 3	3 58	13 27	1 0	24 48	1 11	10 27	1 18	1 17	2 2	16 47	0 53	0 51	2 3	39 24	15 18	23 48	23 43	23 28		n.a.
S 8	22 43	7 11	4 53	19 57	4 2	13 54	0 57	24 51	1 11	10 24	1 17	1 17	2 1	16 47	0 53	0 51	2 3	39 23	15 17	23 48	23 44	23 28		n.a.
M 9	22 51	11 46	4 22	19 52	4 5	14 20	0 55	24 54	1 11	10 22	1 17	1 17	2 1	16 47	0 53	0 51	2 3	39 23	15 17	23 48	23 44	23 29		n.a.
T 10	22 59	15 50	3 40	19 48	4 7	14 46	0 52	24 57	1 11	10 19	1 17	1 17	2 1	16 48	0 53	0 50	2 3	39 23	15 17	23 49	23 44	23 30		n.a.
W11	23 7	19 12	2 49	19 45	4 6	15 12	0 49	25 0	1 11	10 17	1 16	1 17	2 1	16 48	0 53	0 50	2 3	39 23	15 17	23 49	23 44	23 30		n.a.
T 12	23 14	21 45	1 51	19 43	4 4	15 37	0 46	25 3	1 11	10 14	1 16	1 17	2 0	16 48	0 54	0 49	2 3	39 23	15 17	23 49	23 45	23 31		n.a.
F 13	23 20	23 19	0 48	19 43	4 0	16 2	0 43	25 5	1 11	10 11	1 16	1 17	2 0	16 48	0 54	0 49	2 3	39 23	15 17	23 49	23 45	23 32		n.a.
S 14	23 26	23 51	0n17	19 45	3 53	16 26	0 40	25 7	1 11	10 8	1 15	1 17	2 0	16 49	0 54	0 49	2 3	39 23	15 17	23 49	23 45	23 32		n.a.
S 15	23 32	23 19	1 21	19 47	3 45	16 51	0 37	25 9	1 11	10 6	1 15	1 17	2 0	16 49	0 54	0 49	2 3	39 22	15 17	23 49	23 45	23 33		n.a.
M16	23 37	21 44	2 23	19 52	3 34	17 14	0 34	25 11	1 11	10 3	1 15	1 17	1 59	16 49	0 54	0 48	2 4	39 22	15 17	23 49	23 46	23 34		n.a.
T 17	23 42	19 11	3 18	19 58	3 22	17 38	0 31	25 13	1 11	10 0	1 14	1 17	1 59	16 50	0 54	0 48	2 4	39 22	15 17	23 49	23 46	23 34		n.a.
W18	23 47	15 46	4 6	20 6	3 8	18 1	0 28	25 14	1 11	9 57	1 14	1 18	1 59	16 50	0 54	0 48	2 4	39 22	15 17	23 49	23 46	23 35		n.a.
T 19	23 51	11 37	4 43	20 15	2 53	18 23	0 25	25 15	1 11	9 53	1 14	1 18	1 59	16 50	0 54	0 48	2 4	39 22	15 17	23 49	23 46	23 36		n.a.
F 20	23 54	6 52	5 7	20 26	2 36	18 45	0 22	25 16	1 11	9 50	1 14	1 18	1 58	16 51	0 54	0 47	2 4	39 22	15 17	23 49	23 47	23 36		n.a.
S 21	23 57	1 41	5 17	20 39	2 19	19 6	0 19	25 17	1 11	9 47	1 13	1 19	1 58	16 51	0 54	0 47	2 4	39 22	15 17	23 49	23 47	23 37		n.a.
S 22	24 0	3s45	5 10	20 54	2 1	19 27	0 16	25 18	1 11	9 44	1 13	1 19	1 58	16 52	0 54	0 47	2 4	39 22	15 17	23 49	23 47	23 38		n.a.
M23	24 2	9 11	4 44	21 10	1 43	19 48	0 14	25 18	1 11	9 41	1 13	1 20	1 58	16 52	0 54	0 47	2 4	39 22	15 17	23 49	23 47	23 38		n.a.
T 24	24 4	14 19	4 0	21 27	1 24	20 8	0 11	25 18	1 11	9 37	1 12	1 20	1 57	16 53	0 54	0 47	2 4	39 22	15 17	23 49	23 47	23 39		n.a.
W25	24 5	18 43	2 59	21 46	1 6	20 27	0 8	25 18	1 11	9 34	1 12	1 21	1 57	16 53	0 54	0 46	2 4	39 22	15 17	23 49	23 48	23 40		n.a.
T 26	24 6	21 58	1 44	22 5	0 48	20 46	0 5	25 18	1 11	9 30	1 12	1 21	1 57	16 53	0 54	0 46	2 4	39 22	15 17	23 49	23 48	23 40		n.a.
F 27	24 7	23 40	0 21	22 25	0 31	21 5	0 2	25 17	1 11	9 27	1 12	1 22	1 57	16 54	0 54	0 46	2 4	39 22	15 17	23 49	23 48	23 41		n.a.
S 28	24 7	23 36	1s 3	22 46	0 15	21 22	0n 1	25 16	1 11	9 23	1 11	1 23	1 56	16 54	0 54	0 46	2 4	39 22	15 17	23 49	23 48	23 41		n.a.
S 29	24 6	21 50	2 21	23 7	0n 1	21 39	0 4	25 16	1 11	9 20	1 11	1 24	1 56	16 55	0 54	0 46	2 4	39 22	15 17	23 49	23 49	23 42		n.a.
M30	24 5	18 37	3 29	23 28	0 16	21 56	0 6	25 14	1 11	9 16	1 11	1 24	1 56	16 55	0 54	0 46	2 4	39 22	15 17	23 49	23 49	23 43		n.a.
T 31	24n 4	14s22	4s22	23n48	0n30	22n12	0n 9	25n13	1n11	9n12	1n10	1s25	1n56	16s56	0s54	0s46	2s 4	39n22	15n17	23n49	23n49	23n43		n.a.

Julian Day Number = 188284.5, Delta T = 32h32m51s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'15, Lahiri = -61°37'15 Julian Calendar 1 July 4198 BCE == Greg. Calendar 29 May 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

AUGUST 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 26 42	4♋32'10	17♓49	16♊40	7♊58	5♋15	9♍55	7♎50	17°R19	2♈46	2♋54	8♋44	8♋43	5♋55	n.a.	W 1
T 2	18 30 38	5°31'36	1♈14	17°52	9°12	5°55	10° 4	7°51	17♒17	2°47	2°56	8°R44	8°39	6° 1	n.a.	T 2
F 3	18 34 35	6°31'05	14°14	19°10	10°26	6°36	10°13	7°53	17°15	2°47	2°58	8°44	8°36	6° 8	n.a.	F 3
S 4	18 38 31	7°30'36	26°54	20°33	11°40	7°16	10°23	7°55	17°14	2°47	3° 1	8°44	8°33	6°15	n.a.	S 4
S 5	18 42 28	8°30'10	9♉16	22° 0	12°54	7°57	10°32	7°57	17°12	2°47	3° 3	8°D44	8°30	6°21	n.a.	S 5
M 6	18 46 24	9°29'46	21°25	23°30	14° 9	8°37	10°42	7°59	17°10	2°47	3° 5	8°44	8°27	6°28	n.a.	M 6
T 7	18 50 21	10°29'25	3♊24	25° 4	15°23	9°18	10°52	8° 1	17° 8	2°48	3° 7	8°45	8°23	6°34	n.a.	T 7
W 8	18 54 17	11°29'06	15°16	26°41	16°37	9°59	11° 1	8° 3	17° 6	2°48	3°10	8°45	8°20	6°41	n.a.	W 8
T 9	18 58 14	12°28'50	27° 4	28°19	17°52	10°40	11°11	8° 5	17° 4	2°R48	3°12	8°45	8°17	6°48	n.a.	T 9
F 10	19 2 10	13°28'36	8♋51	29°59	19° 6	11°20	11°21	8° 8	17° 2	2°48	3°14	8°R45	8°14	6°54	n.a.	F 10
S 11	19 6 7	14°28'24	20°39	1♌41	20°21	12° 1	11°32	8°10	17° 0	2°48	3°16	8°45	8°11	7° 1	n.a.	S 11
S 12	19 10 4	15°28'15	2♌30	3°23	21°35	12°42	11°42	8°13	16°58	2°47	3°18	8°44	8° 8	7° 8	n.a.	S 12
M13	19 14 0	16°28'07	14°27	5° 7	22°50	13°23	11°52	8°15	16°56	2°47	3°21	8°44	8° 4	7°14	n.a.	M13
T 14	19 17 57	17°28'02	26°31	6°50	24° 5	14° 4	12° 3	8°18	16°54	2°47	3°23	8°42	8° 1	7°21	n.a.	T 14
W15	19 21 53	18°27'59	8♍45	8°34	25°19	14°45	12°13	8°21	16°52	2°47	3°25	8°41	7°58	7°28	n.a.	W15
T 16	19 25 50	19°27'57	21°12	10°18	26°34	15°26	12°24	8°24	16°50	2°47	3°27	8°40	7°55	7°34	n.a.	T 16
F 17	19 29 46	20°27'58	3♎55	12° 2	27°49	16° 7	12°35	8°27	16°48	2°46	3°30	8°39	7°52	7°41	n.a.	F 17
S 18	19 33 43	21°28'00	16°57	13°46	29° 4	16°48	12°45	8°30	16°46	2°46	3°32	8°D38	7°49	7°48	n.a.	S 18
S 19	19 37 39	22°28'04	0♏20	15°30	0♋19	17°30	12°56	8°33	16°44	2°46	3°34	8°38	7°45	7°54	n.a.	S 19
M20	19 41 36	23°28'11	14° 8	17°13	1°34	18°11	13° 7	8°36	16°41	2°46	3°36	8°39	7°42	8° 1	n.a.	M20
T 21	19 45 32	24°28'19	28°19	18°56	2°49	18°52	13°18	8°40	16°39	2°45	3°38	8°40	7°39	8° 8	n.a.	T 21
W22	19 49 29	25°28'29	12♐53	20°39	4° 4	19°33	13°30	8°43	16°37	2°45	3°40	8°41	7°36	8°14	n.a.	W22
T 23	19 53 25	26°28'40	27°46	22°21	5°19	20°15	13°41	8°47	16°35	2°44	3°42	8°42	7°33	8°21	n.a.	T 23
F 24	19 57 22	27°28'54	12♑52	24° 2	6°34	20°56	13°52	8°50	16°32	2°44	3°45	8°R42	7°29	8°27	n.a.	F 24
S 25	20 1 18	28°29'10	28° 2	25°44	7°49	21°37	14° 4	8°54	16°30	2°43	3°47	8°42	7°26	8°34	n.a.	S 25
S 26	20 5 15	29°29'28	13♒ 7	27°24	9° 4	22°19	14°15	8°58	16°28	2°43	3°49	8°40	7°23	8°41	n.a.	S 26
M27	20 9 12	0♌29'48	27°57	29° 4	10°19	23° 0	14°27	9° 2	16°25	2°42	3°51	8°37	7°20	8°47	n.a.	M27
T 28	20 13 8	1°30'09	12♓25	0♌44	11°34	23°42	14°39	9° 6	16°23	2°42	3°53	8°34	7°17	8°54	n.a.	T 28
W29	20 17 5	2°30'33	26°27	2°23	12°50	24°24	14°50	9°10	16°20	2°41	3°55	8°31	7°14	9° 1	n.a.	W29
T 30	20 21 1	3°31'00	10♈ 1	4° 2	14° 5	25° 5	15° 2	9°14	16°18	2°40	3°57	8°28	7°10	9° 7	n.a.	T 30
F 31	20 24 58	4♌31'28	23♈ 7	5♌40	15♋20	25♋47	15♍14	9♎18	16♒16	2♈39	3♋59	8♋26	7♋ 7	9♋14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	24n 2	9s29	4s57	24n 8	0n42	22n27	0n12	25n11	1n11	9n 9	1n10	1s26	1n55	16s56	0s54	0s46	2s 5	39n22	15n17	23n49	23n49	23n44			n.a.
T 2	24 0	4 18	5 15	24 26	0 54	22 42	0 15	25 9	1 11	9 5	1 10	1 27	1 55	16 57	0 54	0 46	2 5	39 22	15 17	23 49	23 49	23 44			n.a.
F 3	23 57	0n55	5 17	24 44	1 4	22 56	0 17	25 7	1 11	9 1	1 10	1 28	1 55	16 58	0 54	0 46	2 5	39 22	15 17	23 49	23 50	23 45			n.a.
S 4	23 54	5 58	5 2	24 59	1 14	23 9	0 20	25 5	1 11	8 57	1 9	1 29	1 55	16 58	0 54	0 46	2 5	39 22	15 17	23 49	23 50	23 45			n.a.
S 5	23 50	10 40	4 34	25 14	1 22	23 22	0 23	25 3	1 11	8 53	1 9	1 30	1 54	16 59	0 54	0 46	2 5	39 22	15 17	23 49	23 50	23 46			n.a.
M 6	23 46	14 52	3 54	25 26	1 29	23 34	0 25	25 0	1 11	8 49	1 9	1 31	1 54	16 59	0 54	0 46	2 5	39 22	15 17	23 49	23 50	23 47			n.a.
T 7	23 41	18 25	3 4	25 36	1 35	23 45	0 28	24 57	1 10	8 45	1 9	1 32	1 54	17 0	0 54	0 46	2 5	39 22	15 17	23 49	23 51	23 47			n.a.
W 8	23 36	21 10	2 7	25 45	1 41	23 56	0 30	24 54	1 10	8 41	1 8	1 33	1 54	17 1	0 54	0 46	2 5	39 22	15 17	23 49	23 51	23 48			n.a.
T 9	23 30	23 0	1 5	25 51	1 45	24 5	0 33	24 50	1 10	8 37	1 8	1 34	1 53	17 1	0 54	0 46	2 5	39 22	15 18	23 49	23 51	23 48			n.a.
F 10	23 25	23 49	0n 1	25 55	1 48	24 15	0 35	24 47	1 10	8 33	1 8	1 35	1 53	17 2	0 55	0 46	2 5	39 22	15 18	23 49	23 51	23 49			n.a.
S 11	23 18	23 34	1 6	25 57	1 51	24 23	0 38	24 43	1 10	8 29	1 8	1 36	1 53	17 2	0 55	0 46	2 5	39 22	15 18	23 49	23 51	23 49			n.a.
S 12	23 11	22 14	2 8	25 57	1 53	24 31	0 40	24 39	1 10	8 24	1 7	1 38	1 53	17 3	0 55	0 46	2 5	39 22	15 18	23 49	23 52	23 50			n.a.
M13	23 4	19 55	3 6	25 55	1 54	24 37	0 43	24 35	1 10	8 20	1 7	1 39	1 52	17 4	0 55	0 46	2 5	39 22	15 18	23 49	23 52	23 50			n.a.
T 14	22 56	16 42	3 55	25 51	1 55	24 44	0 45	24 30	1 10	8 16	1 7	1 40	1 52	17 4	0 55	0 46	2 5	39 22	15 18	23 49	23 52	23 51			n.a.
W15	22 48	12 45	4 35	25 44	1 55	24 49	0 47	24 26	1 10	8 11	1 7	1 42	1 52	17 5	0 55	0 46	2 5	39 22	15 18	23 49	23 52	23 51			n.a.
T 16	22 39	8 12	5 3	25 36	1 54	24 53	0 49	24 21	1 10	8 7	1 6	1 43	1 52	17 6	0 55	0 46	2 6	39 22	15 19	23 49	23 52	23 52			n.a.
F 17	22 30	3 13	5 16	25 26	1 53	24 57	0 51	24 16	1 9	8 3	1 6	1 45	1 51	17 6	0 55	0 47	2 6	39 23	15 19	23 50	23 53	23 52			n.a.
S 18	22 21	2s 2	5 14	25 14	1 51	25 0	0 53	24 10	1 9	7 58	1 6	1 46	1 51	17 7	0 55	0 47	2 6	39 23	15 19	23 50	23 53	23 53			n.a.
S 19	22 11	7 19	4 55	25 0	1 49	25 2	0 56	24 5	1 9	7 54	1 6	1 48	1 51	17 8	0 55	0 47	2 6	39 23	15 19	23 50	23 53	23 53			n.a.
M20	22 0	12 25	4 18	24 44	1 47	25 4	0 58	23 59	1 9	7 49	1 6	1 49	1 51	17 9	0 55	0 47	2 6	39 23	15 19	23 49	23 53	23 54			n.a.
T 21	21 50	17 1	3 26	24 27	1 44	25 5	0 59	23 53	1 9	7 44	1 5	1 51	1 51	17 9	0 55	0 47	2 6	39 23	15 20	23 49	23 53	23 54			n.a.
W22	21 39	20 42	2 18	24 8	1 40	25 4	1 1	23 47	1 9	7 40	1 5	1 52	1 50	17 10	0 55	0 48	2 6	39 23	15 20	23 49	23 53	23 55			n.a.
T 23	21 27	23 6	1 0	23 47	1 37	25 3	1 3	23 40	1 9	7 35	1 5	1 54	1 50	17 11	0 55	0 48	2 6	39 23	15 20	23 49	23 54	23 55			n.a.
F 24	21 15	23 51	0s23	23 26	1 33	25 2	1 5	23 34	1 9	7 30	1 5	1 56	1 50	17 11	0 55	0 48	2 6	39 24	15 20	23 49	23 54	23 55			n.a.
S 25	21 3	22 51	1 45	23 3	1 28	24 59	1 7	23 27	1 8	7 26	1 4	1 57	1 50	17 12	0 55	0 48	2 6	39 24	15 21	23 49	23 54	23 56			n.a.
S 26	20 50	20 12	2 59	22 38	1 24	24 56	1 8	23 20	1 8	7 21	1 4	1 59	1 49	17 13	0 55	0 49	2 6	39 24	15 21	23 49	23 54	23 56			n.a.
M27	20 37	16 15	3 59	22 13	1 19	24 52	1 10	23 12	1 8	7 16	1 4	2 1	1 49	17 14	0 55	0 49	2 6	39 24	15 21	23 50	23 54	23 57			n.a.
T 28	20 23	11 25	4 43	21 46	1 14	24 47	1 11	23 5	1 8	7 11	1 4	2 3	1 49	17 14	0 55	0 49	2 6	39 24	15 21	23 50	23 55	23 57			n.a.
W29	20 9	6 8	5 8	21 18	1 9	24 41	1 13	22 57	1 8	7 6	1 4	2 4	1 49	17 15	0 55	0 50	2 6	39 25	15 22	23 50	23 55	23 58			n.a.
T 30	19 55	0 44	5 15	20 49	1 4	24 35	1 14	22 49	1 8	7 2	1 3	2 6	1 48	17 16	0 55	0 50	2 6	39 25	15 22	23 50	23 55	23 58			n.a.
F 31	19n40	4n32	5s 5	20n19	0n58	24n27	1n15	22n41	1n 7	6n57	1n 3	2s 8	1n48	17s17	0s55	0s50	2s 6	39n25	15n22	23n50	23n55	23n58			n.a.

Julian Day Number = 188315.5, Delta T = 32h32m48s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'11, Lahiri = -61°37'10 Julian Calendar 1 Aug. 4198 BCE == Greg. Calendar 29 June 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

SEPTEMBER 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 28 54	5♌31'58	5♉49	7♌18	16♋36	26♋29	15♍26	9♎22	16°R13	2°R39	4♋ 1	8°D26	7♋ 4	9♋21	n.a.	S 1
S 2	20 32 51	6°32'31	18°10	8°55	17°51	27°11	15°38	9°27	16♒11	2♈38	4° 3	8♋26	7° 1	9°27	n.a.	S 2
M 3	20 36 47	7°33'06	0♊15	10°32	19° 7	27°52	15°50	9°31	16° 8	2°37	4° 5	8°28	6°58	9°34	n.a.	M 3
T 4	20 40 44	8°33'43	12°10	12° 8	20°22	28°34	16° 3	9°36	16° 6	2°36	4° 7	8°29	6°54	9°41	n.a.	T 4
W 5	20 44 40	9°34'23	23°58	13°44	21°38	29°16	16°15	9°40	16° 3	2°35	4° 9	8°31	6°51	9°47	n.a.	W 5
T 6	20 48 37	10°35'04	5♋44	15°20	22°53	29°58	16°27	9°45	16° 1	2°35	4°11	8°R32	6°48	9°54	n.a.	T 6
F 7	20 52 33	11°35'47	17°32	16°55	24° 9	0♌40	16°40	9°50	15°58	2°34	4°13	8°32	6°45	10° 1	n.a.	F 7
S 8	20 56 30	12°36'32	29°24	18°30	25°24	1°22	16°52	9°54	15°56	2°33	4°15	8°30	6°42	10° 7	n.a.	S 8
S 9	21 0 27	13°37'18	11♌23	20° 4	26°40	2° 4	17° 5	9°59	15°53	2°32	4°16	8°26	6°39	10°14	n.a.	S 9
M10	21 4 23	14°38'07	23°31	21°39	27°55	2°46	17°17	10° 4	15°51	2°31	4°18	8°20	6°35	10°20	n.a.	M10
T 11	21 8 20	15°38'56	5♍49	23°12	29°11	3°29	17°30	10° 9	15°48	2°30	4°20	8°13	6°32	10°27	n.a.	T 11
W12	21 12 16	16°39'48	18°17	24°46	0♌27	4°11	17°43	10°14	15°46	2°29	4°22	8° 6	6°29	10°34	n.a.	W12
T 13	21 16 13	17°40'40	0♎58	26°19	1°42	4°53	17°55	10°19	15°43	2°28	4°24	7°59	6°26	10°40	n.a.	T 13
F 14	21 20 9	18°41'35	13°51	27°52	2°58	5°35	18° 8	10°25	15°41	2°26	4°25	7°53	6°23	10°47	n.a.	F 14
S 15	21 24 6	19°42'30	26°58	29°25	4°14	6°18	18°21	10°30	15°38	2°25	4°27	7°49	6°20	10°54	n.a.	S 15
S 16	21 28 2	20°43'27	10♏20	0♍57	5°29	7° 0	18°34	10°35	15°36	2°24	4°29	7°46	6°16	11° 0	n.a.	S 16
M17	21 31 59	21°44'24	23°59	2°29	6°45	7°43	18°47	10°41	15°33	2°23	4°31	7°D46	6°13	11° 7	n.a.	M17
T 18	21 35 55	22°45'23	7♐55	4° 1	8° 1	8°25	19° 0	10°46	15°31	2°22	4°32	7°47	6°10	11°14	n.a.	T 18
W19	21 39 52	23°46'24	22° 9	5°33	9°16	9° 8	19°13	10°52	15°28	2°20	4°34	7°48	6° 7	11°20	n.a.	W19
T 20	21 43 49	24°47'25	6♑40	7° 4	10°32	9°50	19°26	10°57	15°26	2°19	4°36	7°R49	6° 4	11°27	n.a.	T 20
F 21	21 47 45	25°48'27	21°24	8°35	11°48	10°33	19°39	11° 3	15°24	2°18	4°37	7°48	6° 0	11°34	n.a.	F 21
S 22	21 51 42	26°49'31	6♒15	10° 6	13° 4	11°15	19°53	11° 8	15°21	2°17	4°39	7°45	5°57	11°40	n.a.	S 22
S 23	21 55 38	27°50'35	21° 6	11°37	14°19	11°58	20° 6	11°14	15°19	2°15	4°40	7°40	5°54	11°47	n.a.	S 23
M24	21 59 35	28°51'41	5♓50	13° 7	15°35	12°41	20°19	11°20	15°16	2°14	4°42	7°32	5°51	11°54	n.a.	M24
T 25	22 3 31	29°52'47	20°17	14°37	16°51	13°24	20°32	11°26	15°14	2°13	4°43	7°23	5°48	12° 0	n.a.	T 25
W26	22 7 28	0♍53'55	4♈23	16° 6	18° 7	14° 6	20°46	11°32	15°11	2°11	4°45	7°14	5°45	12° 7	n.a.	W26
T 27	22 11 24	1°55'04	18° 2	17°35	19°22	14°49	20°59	11°38	15° 9	2°10	4°46	7° 6	5°41	12°13	n.a.	T 27
F 28	22 15 21	2°56'15	1♉14	19° 4	20°38	15°32	21°13	11°44	15° 7	2° 8	4°48	6°59	5°38	12°20	n.a.	F 28
S 29	22 19 18	3°57'27	14° 1	20°32	21°54	16°15	21°26	11°50	15° 4	2° 7	4°49	6°55	5°35	12°27	n.a.	S 29
S 30	22 23 14	4♍58'40	26♉25	21♍59	23♌10	16♌58	21♍39	11♎56	15♒ 2	2♈ 5	4♋50	6♋53	5♋32	12♋33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n25	9n27	4s40	19n49	0n52	24n19	1n17	22n33	1n 7	6n52	1n 3	2s10	1n48	17s17	0s55	0s51	2s 6	39n25	15n23	23n50	23n55	23n59		n.a.
S 2	19 10	13 51	4 3	19 17	0 47	24 10	1 18	22 24	1 7	6 47	1 3	2 12	1 48	17 18	0 55	0 51	2 7	39 26	15 23	23 50	23 55	23 59		n.a.
M 3	18 54	17 36	3 15	18 45	0 41	24 1	1 19	22 16	1 7	6 42	1 3	2 14	1 48	17 19	0 55	0 51	2 7	39 26	15 23	23 50	23 56	24 0		n.a.
T 4	18 38	20 35	2 20	18 11	0 35	23 50	1 20	22 7	1 7	6 37	1 3	2 16	1 47	17 20	0 55	0 52	2 7	39 26	15 24	23 50	23 56	24 0		n.a.
W 5	18 21	22 39	1 19	17 37	0 29	23 39	1 21	21 58	1 6	6 32	1 2	2 18	1 47	17 21	0 55	0 52	2 7	39 26	15 24	23 50	23 56	24 0		n.a.
T 6	18 5	23 44	0 15	17 3	0 22	23 28	1 22	21 48	1 6	6 26	1 2	2 20	1 47	17 21	0 55	0 53	2 7	39 27	15 24	23 50	23 56	24 1		n.a.
F 7	17 47	23 44	0n49	16 28	0 16	23 15	1 23	21 39	1 6	6 21	1 2	2 22	1 47	17 22	0 55	0 53	2 7	39 27	15 25	23 50	23 56	24 1		n.a.
S 8	17 30	22 40	1 52	15 52	0 10	23 2	1 24	21 29	1 6	6 16	1 2	2 24	1 47	17 23	0 55	0 53	2 7	39 27	15 25	23 50	23 56	24 1		n.a.
S 9	17 12	20 34	2 50	15 15	0 3	22 48	1 24	21 19	1 6	6 11	1 2	2 26	1 46	17 24	0 55	0 54	2 7	39 27	15 25	23 50	23 57	24 2		n.a.
M10	16 54	17 31	3 41	14 38	0s 3	22 33	1 25	21 9	1 5	6 6	1 1	2 29	1 46	17 24	0 55	0 54	2 7	39 28	15 26	23 51	23 57	24 2		n.a.
T 11	16 36	13 41	4 22	14 1	0 9	22 18	1 26	20 59	1 5	6 1	1 1	2 31	1 46	17 25	0 55	0 55	2 7	39 28	15 26	23 51	23 57	24 3		n.a.
W12	16 17	9 13	4 52	13 23	0 16	22 2	1 26	20 48	1 5	5 55	1 1	2 33	1 46	17 26	0 55	0 55	2 7	39 28	15 26	23 52	23 57	24 3		n.a.
T 13	15 58	4 17	5 8	12 45	0 22	21 45	1 27	20 38	1 5	5 50	1 1	2 35	1 46	17 27	0 55	0 56	2 7	39 29	15 27	23 52	23 57	24 3		n.a.
F 14	15 39	0s54	5 8	12 6	0 29	21 28	1 27	20 27	1 4	5 45	1 1	2 37	1 45	17 27	0 55	0 56	2 7	39 29	15 27	23 52	23 57	24 4		n.a.
S 15	15 19	6 8	4 53	11 27	0 35	21 9	1 27	20 16	1 4	5 39	1 1	2 40	1 45	17 28	0 55	0 57	2 7	39 29	15 28	23 53	23 58	24 4		n.a.
S 16	14 59	11 12	4 22	10 48	0 42	20 51	1 28	20 4	1 4	5 34	1 0	2 42	1 45	17 29	0 55	0 57	2 7	39 30	15 28	23 53	23 58	24 4		n.a.
M17	14 39	15 50	3 35	10 8	0 48	20 31	1 28	19 53	1 4	5 29	1 0	2 44	1 45	17 30	0 55	0 58	2 7	39 30	15 28	23 53	23 58	24 4		n.a.
T 18	14 19	19 42	2 35	9 28	0 54	20 12	1 28	19 41	1 3	5 23	1 0	2 47	1 45	17 30	0 55	0 58	2 7	39 30	15 29	23 53	23 58	24 5		n.a.
W19	13 58	22 29	1 24	8 48	1 0	19 51	1 28	19 30	1 3	5 18	1 0	2 49	1 45	17 31	0 55	0 59	2 7	39 31	15 29	23 53	23 58	24 5		n.a.
T 20	13 37	23 50	0 6	8 8	1 7	19 30	1 28	19 18	1 3	5 13	1 0	2 52	1 44	17 32	0 55	0 59	2 7	39 31	15 30	23 53	23 58	24 5		n.a.
F 21	13 16	23 33	1s13	7 28	1 13	19 8	1 28	19 5	1 3	5 7	1 0	2 54	1 44	17 33	0 55	1 0	2 7	39 31	15 30	23 53	23 59	24 6		n.a.
S 22	12 55	21 37	2 27	6 47	1 18	18 46	1 28	18 53	1 2	5 2	1 0	2 56	1 44	17 33	0 55	1 1	2 7	39 32	15 30	23 53	23 59	24 6		n.a.
S 23	12 34	18 12	3 32	6 7	1 24	18 23	1 28	18 41	1 2	4 56	0 59	2 59	1 44	17 34	0 55	1 1	2 8	39 32	15 31	23 53	23 59	24 6		n.a.
M24	12 12	13 39	4 21	5 26	1 30	18 0	1 27	18 28	1 2	4 51	0 59	3 1	1 44	17 35	0 55	1 2	2 8	39 32	15 31	23 54	23 59	24 6		n.a.
T 25	11 50	8 25	4 53	4 46	1 35	17 36	1 27	18 15	1 1	4 45	0 59	3 4	1 44	17 36	0 55	1 2	2 8	39 33	15 32	23 54	23 59	24 7		n.a.
W26	11 28	2 52	5 6	4 5	1 41	17 12	1 27	18 2	1 1	4 40	0 59	3 6	1 43	17 36	0 55	1 3	2 8	39 33	15 32	23 55	23 59	24 7		n.a.
T 27	11 5	2n39	5 1	3 25	1 46	16 47	1 26	17 49	1 1	4 34	0 59	3 9	1 43	17 37	0 55	1 4	2 8	39 34	15 33	23 55	23 59	24 7		n.a.
F 28	10 43	7 53	4 40	2 45	1 51	16 22	1 26	17 36	1 1	4 28	0 59	3 11	1 43	17 38	0 55	1 4	2 8	39 34	15 33	23 56	24 0	24 7		n.a.
S 29	10 20	12 36	4 5	2 6	1 55	15 56	1 25	17 22	1 0	4 23	0 59	3 14	1 43	17 38	0 55	1 5	2 8	39 34	15 34	23 56	24 0	24 8		n.a.
S 30	9n57	16n40	3s20	1n26	2s 0	15n30	1n24	17n 8	1n 0	4n17	0n58	3s17	1n43	17s39	0s55	1s 5	2s 8	39n35	15n34	23n56	24n 0	24n 8		n.a.

Julian Day Number = 188346.5, Delta T = 32h32m45s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'07, Lahiri = -61°37'06 Julian Calendar 1 Sept. 4198 BCE == Greg. Calendar 30 July 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

OCTOBER 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 27 11	5♍59'54	8♊32	23♍26	24♌26	17♌41	21♍53	12♎ 2	15°R 0	2°R 4	4♋52	6°D52	5♋29	12♋40	n.a.	M 1
T 2	22 31 7	7° 1'10	20°26	24°52	25°41	18°24	22° 7	12° 8	14♒58	2♈ 2	4°53	6♋53	5°26	12°47	n.a.	T 2
W 3	22 35 4	8° 2'26	2♋14	26°17	26°57	19° 7	22°20	12°15	14°55	2° 1	4°54	6°R54	5°22	12°53	n.a.	W 3
T 4	22 39 0	9° 3'44	14° 1	27°41	28°13	19°50	22°34	12°21	14°53	1°59	4°55	6°53	5°19	13° 0	n.a.	T 4
F 5	22 42 57	10° 5'03	25°50	29° 3	29°29	20°34	22°47	12°27	14°51	1°58	4°57	6°51	5°16	13° 7	n.a.	F 5
S 6	22 46 53	11° 6'23	7♌48	0♎25	0♍45	21°17	23° 1	12°34	14°49	1°56	4°58	6°47	5°13	13°13	n.a.	S 6
S 7	22 50 50	12° 7'43	19°56	1°44	2° 0	22° 0	23°15	12°40	14°46	1°55	4°59	6°39	5°10	13°20	n.a.	S 7
M 8	22 54 47	13° 9'05	2♍16	3° 1	3°16	22°43	23°28	12°46	14°44	1°53	5° 0	6°29	5° 6	13°27	n.a.	M 8
T 9	22 58 43	14°10'26	14°51	4°16	4°32	23°27	23°42	12°53	14°42	1°51	5° 1	6°17	5° 3	13°33	n.a.	T 9
W10	23 2 40	15°11'49	27°40	5°28	5°48	24°10	23°56	12°59	14°40	1°50	5° 2	6° 5	5° 0	13°40	n.a.	W10
T 11	23 6 36	16°13'12	10♎41	6°37	7° 4	24°54	24°10	13° 6	14°38	1°48	5° 3	5°52	4°57	13°47	n.a.	T 11
F 12	23 10 33	17°14'35	23°55	7°43	8°19	25°37	24°23	13°13	14°36	1°47	5° 4	5°41	4°54	13°53	n.a.	F 12
S 13	23 14 29	18°15'59	7♏19	8°44	9°35	26°21	24°37	13°19	14°34	1°45	5° 5	5°32	4°51	14° 0	n.a.	S 13
S 14	23 18 26	19°17'23	20°53	9°40	10°51	27° 4	24°51	13°26	14°32	1°43	5° 6	5°26	4°47	14° 6	n.a.	S 14
M15	23 22 23	20°18'47	4♐36	10°31	12° 7	27°48	25° 5	13°33	14°30	1°42	5° 7	5°23	4°44	14°13	n.a.	M15
T 16	23 26 19	21°20'11	18°29	11°15	13°22	28°31	25°19	13°39	14°28	1°40	5° 8	5°D22	4°41	14°20	n.a.	T 16
W17	23 30 16	22°21'35	2♑31	11°52	14°38	29°15	25°32	13°46	14°27	1°38	5° 9	5°R22	4°38	14°26	n.a.	W17
T 18	23 34 12	23°22'59	16°42	12°21	15°54	29°59	25°46	13°53	14°25	1°37	5°10	5°22	4°35	14°33	n.a.	T 18
F 19	23 38 9	24°24'23	1♒ 1	12°41	17° 9	0♍43	26° 0	14° 0	14°23	1°35	5°10	5°20	4°31	14°40	n.a.	F 19
S 20	23 42 5	25°25'46	15°25	12°R51	18°25	1°26	26°14	14° 6	14°21	1°33	5°11	5°15	4°28	14°46	n.a.	S 20
S 21	23 46 2	26°27'10	29°50	12°50	19°41	2°10	26°28	14°13	14°20	1°31	5°12	5° 8	4°25	14°53	n.a.	S 21
M22	23 49 59	27°28'33	14♓11	12°38	20°56	2°54	26°41	14°20	14°18	1°30	5°12	4°57	4°22	15° 0	n.a.	M22
T 23	23 53 55	28°29'57	28°21	12°14	22°12	3°38	26°55	14°27	14°16	1°28	5°13	4°45	4°19	15° 6	n.a.	T 23
W24	23 57 52	29°31'20	12♈15	11°39	23°28	4°22	27° 9	14°34	14°15	1°26	5°14	4°32	4°16	15°13	n.a.	W24
T 25	0 1 48	0♎32'43	25°48	10°52	24°43	5° 6	27°23	14°41	14°13	1°25	5°14	4°19	4°12	15°20	n.a.	T 25
F 26	0 5 45	1°34'07	8♉59	9°55	25°59	5°50	27°37	14°48	14°12	1°23	5°15	4° 9	4° 9	15°26	n.a.	F 26
S 27	0 9 41	2°35'30	21°46	8°48	27°14	6°34	27°51	14°55	14°10	1°21	5°15	4° 1	4° 6	15°33	n.a.	S 27
S 28	0 13 38	3°36'54	4♊13	7°34	28°30	7°18	28° 4	15° 2	14° 9	1°20	5°16	3°56	4° 3	15°40	n.a.	S 28
M29	0 17 35	4°38'17	16°21	6°16	29°45	8° 2	28°18	15° 9	14° 8	1°18	5°16	3°53	4° 0	15°46	n.a.	M29
T 30	0 21 31	5°39'41	28°18	4°55	1♎ 1	8°46	28°32	15°16	14° 6	1°16	5°17	3°53	3°57	15°53	n.a.	T 30
W31	0 25 28	6♎41'04	10♋ 7	3♎34	2♎17	9♍31	28♍46	15♎23	14♒ 5	1♈14	5♋17	3♋53	3♋53	16♋ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	9n34	19n57	2s26	0n48	2s 4	15n 3	1n24	16n55	1n 0	4n12	0n58	3s19	1n43	17s40	0s55	1s 6	2s 8	39n35	15n35	23n56	24n 0	24n 8			n.a.
T 2	9 11	22 19	1 27	0 9	2 7	14 36	1 23	16 41	0 59	4 6	0 58	3 22	1 42	17 40	0 55	1 7	2 8	39 36	15 35	23 56	24 0	24 8			n.a.
W 3	8 47	23 41	0 25	0s28	2 11	14 9	1 22	16 26	0 59	4 0	0 58	3 24	1 42	17 41	0 55	1 7	2 8	39 36	15 36	23 56	24 0	24 9			n.a.
T 4	8 24	23 59	0n38	1 5	2 14	13 41	1 21	16 12	0 59	3 55	0 58	3 27	1 42	17 42	0 55	1 8	2 8	39 37	15 36	23 56	24 0	24 9			n.a.
F 5	8 0	23 12	1 39	1 41	2 16	13 13	1 20	15 58	0 58	3 49	0 58	3 30	1 42	17 42	0 55	1 9	2 8	39 37	15 37	23 56	24 0	24 9			n.a.
S 6	7 36	21 22	2 37	2 16	2 18	12 45	1 19	15 43	0 58	3 44	0 58	3 32	1 42	17 43	0 55	1 9	2 8	39 38	15 37	23 56	24 1	24 9			n.a.
S 7	7 12	18 32	3 28	2 50	2 20	12 16	1 18	15 28	0 58	3 38	0 58	3 35	1 42	17 44	0 55	1 10	2 8	39 38	15 38	23 57	24 1	24 9			n.a.
M 8	6 48	14 50	4 10	3 23	2 21	11 47	1 17	15 14	0 57	3 32	0 57	3 38	1 42	17 44	0 55	1 11	2 8	39 38	15 38	23 57	24 1	24 10			n.a.
T 9	6 24	10 26	4 41	3 53	2 21	11 17	1 16	14 59	0 57	3 27	0 57	3 41	1 41	17 45	0 55	1 11	2 8	39 39	15 39	23 58	24 1	24 10			n.a.
W10	5 59	5 30	4 59	4 22	2 21	10 47	1 14	14 43	0 56	3 21	0 57	3 43	1 41	17 46	0 55	1 12	2 8	39 39	15 39	23 58	24 1	24 10			n.a.
T 11	5 35	0 15	5 1	4 50	2 20	10 17	1 13	14 28	0 56	3 15	0 57	3 46	1 41	17 46	0 54	1 13	2 8	39 40	15 40	23 59	24 1	24 10			n.a.
F 12	5 11	5s 6	4 47	5 14	2 17	9 47	1 12	14 13	0 56	3 9	0 57	3 49	1 41	17 47	0 54	1 13	2 8	39 40	15 40	23 59	24 1	24 10			n.a.
S 13	4 46	10 18	4 17	5 36	2 14	9 16	1 10	13 57	0 55	3 4	0 57	3 51	1 41	17 47	0 54	1 14	2 8	39 41	15 41	24 0	24 2	24 10			n.a.
S 14	4 21	15 4	3 33	5 55	2 10	8 46	1 9	13 41	0 55	2 58	0 57	3 54	1 41	17 48	0 54	1 15	2 8	39 41	15 41	24 0	24 2	24 11			n.a.
M15	3 57	19 7	2 35	6 11	2 5	8 15	1 7	13 26	0 55	2 52	0 57	3 57	1 41	17 48	0 54	1 15	2 8	39 42	15 42	24 0	24 2	24 11			n.a.
T 16	3 32	22 8	1 28	6 23	1 59	7 43	1 6	13 10	0 54	2 47	0 57	4 0	1 41	17 49	0 54	1 16	2 8	39 42	15 42	24 0	24 2	24 11			n.a.
W17	3 7	23 50	0 15	6 31	1 51	7 12	1 4	12 54	0 54	2 41	0 57	4 3	1 41	17 49	0 54	1 17	2 8	39 43	15 43	24 0	24 2	24 11			n.a.
T 18	2 42	24 2	1s 0	6 34	1 42	6 40	1 2	12 37	0 53	2 35	0 56	4 5	1 40	17 50	0 54	1 17	2 8	39 43	15 44	24 0	24 2	24 11			n.a.
F 19	2 17	22 38	2 11	6 33	1 32	6 8	1 1	12 21	0 53	2 29	0 56	4 8	1 40	17 50	0 54	1 18	2 8	39 44	15 44	24 0	24 2	24 11			n.a.
S 20	1 52	19 45	3 15	6 26	1 20	5 36	0 59	12 5	0 52	2 24	0 56	4 11	1 40	17 51	0 54	1 19	2 8	39 44	15 45	24 1	24 2	24 11			n.a.
S 21	1 27	15 40	4 6	6 13	1 6	5 4	0 57	11 48	0 52	2 18	0 56	4 14	1 40	17 51	0 54	1 19	2 8	39 45	15 45	24 1	24 2	24 11			n.a.
M22	1 2	10 42	4 41	5 55	0 51	4 32	0 55	11 32	0 52	2 12	0 56	4 17	1 40	17 52	0 54	1 20	2 8	39 45	15 46	24 1	24 3	24 11			n.a.
T 23	0 37	5 13	4 58	5 30	0 35	4 0	0 54	11 15	0 51	2 7	0 56	4 20	1 40	17 52	0 54	1 21	2 8	39 46	15 46	24 2	24 3	24 12			n.a.
W24	0 12	0n26	4 58	4 59	0 17	3 27	0 52	10 58	0 51	2 1	0 56	4 22	1 40	17 53	0 54	1 22	2 8	39 47	15 47	24 2	24 3	24 12			n.a.
T 25	0s13	5 55	4 40	4 23	0n 2	2 55	0 50	10 41	0 50	1 55	0 56	4 25	1 40	17 53	0 54	1 22	2 8	39 47	15 47	24 3	24 3	24 12			n.a.
F 26	0 38	11 0	4 7	3 42	0 22	2 22	0 48	10 24	0 50	1 49	0 56	4 28	1 40	17 54	0 54	1 23	2 8	39 48	15 48	24 3	24 3	24 12			n.a.
S 27	1 4	15 27	3 23	2 56	0 42	1 49	0 46	10 7	0 49	1 44	0 56	4 31	1 40	17 54	0 54	1 24	2 8	39 48	15 49	24 3	24 3	24 12			n.a.
S 28	1 29	19 8	2 30	2 8	1 3	1 17	0 44	9 49	0 49	1 38	0 56	4 34	1 39	17 54	0 54	1 24	2 8	39 49	15 49	24 3	24 3	24 12			n.a.
M29	1 54	21 53	1 31	1 18	1 23	0 44	0 42	9 32	0 48	1 32	0 55	4 37	1 39	17 55	0 54	1 25	2 8	39 49	15 50	24 3	24 3	24 12			n.a.
T 30	2 19	23 37	0 30	0 28	1 41	0 11	0 40	9 15	0 48	1 27	0 55	4 39	1 39	17 55	0 54	1 26	2 8	39 50	15 50	24 3	24 3	24 12			n.a.
W31	2s44	24n16	0n33	0n21	1n59	0s22	0n37	8n57	0n47	1n21	0n55	4s42	1n39	17s55	0s54	1s26	2s 8	39n50	15n51	24n 3	24n 3	24n12			n.a.

Julian Day Number = 188376.5, Delta T = 32h32m42s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°44'03, Lahiri = -61°37'02 Julian Calendar 1 Oct. 4198 BCE == Greg. Calendar 29 Aug. 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

NOVEMBER 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 29 24	7♎42'28	21♋54	2°R16	3♎32	10♍15	29♍ 0	15♎30	14°R 4	1°R13	5♋17	3°R52	3♋50	16♋ 6	n.a.	T 1
F 2	0 33 21	8°43'51	3♌45	1♎ 4	4°48	10°59	29°13	15°37	14♒ 3	1♈11	5°18	3♋50	3°47	16°13	n.a.	F 2
S 3	0 37 17	9°45'14	15°46	29♍58	6° 3	11°43	29°27	15°44	14° 2	1° 9	5°18	3°45	3°44	16°19	n.a.	S 3
S 4	0 41 14	10°46'37	27°59	29° 1	7°19	12°28	29°41	15°51	14° 0	1° 8	5°18	3°38	3°41	16°26	n.a.	S 4
M 5	0 45 11	11°47'59	10♍30	28°14	8°34	13°12	29°55	15°58	13°59	1° 6	5°18	3°28	3°37	16°33	n.a.	M 5
T 6	0 49 7	12°49'21	23°18	27°36	9°49	13°57	0♎ 8	16° 6	13°58	1° 4	5°18	3°15	3°34	16°39	n.a.	T 6
W 7	0 53 4	13°50'42	6♎26	27° 9	11° 5	14°41	0°22	16°13	13°57	1° 3	5°18	3° 2	3°31	16°46	n.a.	W 7
T 8	0 57 0	14°52'03	19°50	26°51	12°20	15°26	0°36	16°20	13°57	1° 1	5°19	2°49	3°28	16°53	n.a.	T 8
F 9	1 0 57	15°53'23	3♏29	26°D43	13°36	16°10	0°49	16°27	13°56	0°59	5°19	2°37	3°25	16°59	n.a.	F 9
S 10	1 4 53	16°54'42	17°19	26°44	14°51	16°55	1° 3	16°34	13°55	0°58	5°R19	2°27	3°22	17° 6	n.a.	S 10
S 11	1 8 50	17°56'00	1♐17	26°53	16° 6	17°39	1°16	16°41	13°54	0°56	5°19	2°21	3°18	17°13	n.a.	S 11
M12	1 12 47	18°57'18	15°19	27°10	17°22	18°24	1°30	16°48	13°54	0°54	5°19	2°18	3°15	17°19	n.a.	M12
T 13	1 16 43	19°58'34	29°24	27°33	18°37	19° 9	1°43	16°55	13°53	0°53	5°18	2°D17	3°12	17°26	n.a.	T 13
W14	1 20 40	20°59'49	13♑29	28° 3	19°52	19°53	1°57	17° 2	13°52	0°51	5°18	2°17	3° 9	17°33	n.a.	W14
T 15	1 24 36	22° 1'03	27°34	28°39	21° 8	20°38	2°10	17° 9	13°52	0°50	5°18	2°R17	3° 6	17°39	n.a.	T 15
F 16	1 28 33	23° 2'15	11♒38	29°20	22°23	21°23	2°24	17°17	13°51	0°48	5°18	2°16	3° 3	17°46	n.a.	F 16
S 17	1 32 30	24° 3'26	25°40	0♎ 5	23°38	22° 8	2°37	17°24	13°51	0°47	5°18	2°12	2°59	17°53	n.a.	S 17
S 18	1 36 26	25° 4'36	9♓38	0°55	24°53	22°52	2°51	17°31	13°51	0°45	5°18	2° 5	2°56	17°59	n.a.	S 18
M19	1 40 23	26° 5'44	23°30	1°48	26° 9	23°37	3° 4	17°38	13°50	0°43	5°17	1°56	2°53	18° 6	n.a.	M19
T 20	1 44 19	27° 6'51	7♈13	2°45	27°24	24°22	3°17	17°45	13°50	0°42	5°17	1°45	2°50	18°13	n.a.	T 20
W21	1 48 16	28° 7'57	20°43	3°45	28°39	25° 7	3°30	17°52	13°50	0°40	5°17	1°34	2°47	18°19	n.a.	W21
T 22	1 52 12	29° 9'02	3♉58	4°48	29°54	25°52	3°44	17°59	13°50	0°39	5°16	1°23	2°43	18°26	n.a.	T 22
F 23	1 56 9	0♏10'05	16°56	5°53	1♏ 9	26°37	3°57	18° 6	13°49	0°38	5°16	1°13	2°40	18°32	n.a.	F 23
S 24	2 0 6	1°11'07	29°35	7° 1	2°24	27°22	4°10	18°13	13°49	0°36	5°15	1° 6	2°37	18°39	n.a.	S 24
S 25	2 4 2	2°12'08	11♊58	8°11	3°39	28° 7	4°23	18°20	13°D49	0°35	5°15	1° 2	2°34	18°46	n.a.	S 25
M26	2 7 59	3°13'08	24° 5	9°22	4°55	28°52	4°36	18°27	13°49	0°33	5°14	1° 0	2°31	18°52	n.a.	M26
T 27	2 11 55	4°14'07	6♋ 2	10°36	6°10	29°37	4°49	18°34	13°49	0°32	5°14	1°D 0	2°28	18°59	n.a.	T 27
W28	2 15 52	5°15'04	17°52	11°51	7°25	0♎22	5° 2	18°41	13°50	0°31	5°13	1° 1	2°24	19° 6	n.a.	W28
T 29	2 19 48	6°16'01	29°39	13° 7	8°40	1° 7	5°15	18°48	13°50	0°29	5°12	1° 2	2°21	19°12	n.a.	T 29
F 30	2 23 45	7♏16'56	11♌31	14♎25	9♏55	1♎52	5♎27	18♎54	13♒50	0♈28	5♋12	1°R 2	2♋18	19♋19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 8	23n49	1n34	1n 7	2n15	0s54	0n35	8n39	0n47	1n15	0n55	4s45	1n39	17s56	0s54	1s27	2s 8	39n51	15n51	24n 3	24n 4	24n12		n.a.
F 2	3 33	22 18	2 31	1 49	2 28	1 27	0 33	8 22	0 46	1 9	0 55	4 48	1 39	17 56	0 54	1 28	2 8	39 51	15 52	24 4	24 4	24 12		n.a.
S 3	3 58	19 46	3 22	2 27	2 40	2 0	0 31	8 4	0 46	1 4	0 55	4 51	1 39	17 56	0 54	1 28	2 8	39 52	15 53	24 4	24 4	24 12		n.a.
S 4	4 23	16 19	4 5	2 58	2 49	2 32	0 29	7 46	0 45	0 58	0 55	4 54	1 39	17 57	0 54	1 29	2 8	39 53	15 53	24 4	24 4	24 12		n.a.
M 5	4 48	12 6	4 37	3 24	2 57	3 5	0 27	7 28	0 45	0 52	0 55	4 57	1 39	17 57	0 54	1 30	2 8	39 53	15 54	24 4	24 4	24 12		n.a.
T 6	5 12	7 14	4 56	3 45	3 2	3 38	0 24	7 10	0 44	0 47	0 55	4 59	1 39	17 57	0 54	1 30	2 8	39 54	15 54	24 5	24 4	24 12		n.a.
W 7	5 37	1 57	5 0	3 59	3 5	4 10	0 22	6 52	0 44	0 41	0 55	5 2	1 39	17 57	0 54	1 31	2 8	39 54	15 55	24 5	24 4	24 12		n.a.
T 8	6 1	3s33	4 48	4 8	3 7	4 42	0 20	6 34	0 43	0 36	0 55	5 5	1 39	17 58	0 53	1 32	2 8	39 55	15 55	24 5	24 4	24 12		n.a.
F 9	6 25	8 59	4 19	4 11	3 7	5 15	0 18	6 16	0 43	0 30	0 55	5 8	1 39	17 58	0 53	1 32	2 8	39 55	15 56	24 5	24 4	24 12		n.a.
S 10	6 50	14 4	3 34	4 10	3 6	5 47	0 15	5 57	0 42	0 24	0 55	5 11	1 39	17 58	0 53	1 33	2 8	39 56	15 56	24 6	24 4	24 12		n.a.
S 11	7 14	18 27	2 36	4 4	3 3	6 19	0 13	5 39	0 42	0 19	0 55	5 14	1 38	17 58	0 53	1 34	2 8	39 56	15 57	24 6	24 4	24 12		n.a.
M12	7 38	21 49	1 29	3 54	3 0	6 50	0 11	5 20	0 41	0 13	0 55	5 17	1 38	17 58	0 53	1 34	2 8	39 57	15 58	24 6	24 5	24 12		n.a.
T 13	8 1	23 52	0 15	3 41	2 56	7 22	0 8	5 2	0 41	0 8	0 55	5 19	1 38	17 59	0 53	1 35	2 8	39 58	15 58	24 6	24 5	24 12		n.a.
W14	8 25	24 24	0s59	3 24	2 51	7 54	0 6	4 43	0 40	0 2	0 55	5 22	1 38	17 59	0 53	1 36	2 8	39 58	15 59	24 6	24 5	24 12		n.a.
T 15	8 49	23 22	2 10	3 4	2 45	8 25	0 4	4 25	0 39	0s 4	0 54	5 25	1 38	17 59	0 53	1 36	2 8	39 59	15 59	24 6	24 5	24 12		n.a.
F 16	9 12	20 52	3 13	2 42	2 39	8 56	0 1	4 6	0 39	0 9	0 54	5 28	1 38	17 59	0 53	1 37	2 8	39 59	16 0	24 6	24 5	24 12		n.a.
S 17	9 35	17 8	4 4	2 17	2 33	9 27	0s 1	3 47	0 38	0 15	0 54	5 31	1 38	17 59	0 53	1 37	2 8	40 0	16 0	24 6	24 5	24 12		n.a.
S 18	9 58	12 29	4 40	1 51	2 26	9 57	0 3	3 29	0 38	0 20	0 54	5 33	1 38	17 59	0 53	1 38	2 7	40 0	16 1	24 6	24 5	24 12		n.a.
M19	10 21	7 13	5 0	1 22	2 18	10 28	0 6	3 10	0 37	0 26	0 54	5 36	1 38	17 59	0 53	1 39	2 7	40 1	16 1	24 6	24 5	24 12		n.a.
T 20	10 44	1 39	5 2	0 52	2 11	10 58	0 8	2 51	0 36	0 31	0 54	5 39	1 38	17 59	0 53	1 39	2 7	40 2	16 2	24 6	24 5	24 12		n.a.
W21	11 6	3n54	4 46	0 21	2 3	11 27	0 10	2 32	0 36	0 36	0 54	5 42	1 38	17 59	0 53	1 40	2 7	40 2	16 3	24 6	24 5	24 11		n.a.
T 22	11 29	9 12	4 16	0s12	1 55	11 57	0 13	2 13	0 35	0 42	0 54	5 45	1 38	17 59	0 53	1 40	2 7	40 3	16 3	24 7	24 5	24 11		n.a.
F 23	11 51	13 58	3 33	0 46	1 48	12 26	0 15	1 54	0 35	0 47	0 54	5 47	1 38	17 59	0 53	1 41	2 7	40 3	16 4	24 7	24 5	24 11		n.a.
S 24	12 13	18 2	2 40	1 21	1 39	12 55	0 17	1 36	0 34	0 53	0 54	5 50	1 38	17 59	0 53	1 41	2 7	40 4	16 4	24 7	24 5	24 11		n.a.
S 25	12 35	21 12	1 40	1 56	1 31	13 24	0 20	1 17	0 33	0 58	0 54	5 53	1 38	17 59	0 53	1 42	2 7	40 4	16 5	24 7	24 5	24 11		n.a.
M26	12 56	23 22	0 37	2 33	1 23	13 52	0 22	0 58	0 33	1 3	0 54	5 56	1 38	17 59	0 53	1 42	2 7	40 5	16 5	24 7	24 6	24 11		n.a.
T 27	13 17	24 25	0n27	3 10	1 15	14 20	0 24	0 39	0 32	1 9	0 54	5 58	1 38	17 59	0 53	1 43	2 7	40 5	16 6	24 7	24 6	24 11		n.a.
W28	13 38	24 22	1 29	3 47	1 7	14 47	0 26	0 20	0 31	1 14	0 54	6 1	1 38	17 59	0 53	1 43	2 7	40 6	16 6	24 7	24 6	24 11		n.a.
T 29	13 59	23 12	2 28	4 25	0 59	15 14	0 28	0 0	0 31	1 19	0 54	6 4	1 38	17 59	0 53	1 44	2 7	40 6	16 7	24 7	24 6	24 11		n.a.
F 30	14s20	21n 1	3n20	5s 4	0n51	15s41	0s31	0s19	0n30	1s24	0n54	6s 6	1n38	17s59	0s52	1s44	2s 7	40n 7	16n 7	24n 7	24n 6	24n10		n.a.

Julian Day Number = 188407.5, Delta T = 32h32m38s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'59, Lahiri = -61°36'58 Julian Calendar 1 Nov. 4198 BCE == Greg. Calendar 29 Sept. 4198 BCE

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ASTRODIENST EPHEMERIS for the year 4198 BCE
geocentric

DECEMBER 4198 BCE (-4197) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 27 42	8♏17'49	23♌32	15♎44	11♏10	2♎38	5♎40	19♎ 1	13♒50	0°R27	5°R11	1°R 0	2♋15	19♋26	n.a.	S 1
S 2	2 31 38	9°18'42	5♍47	17° 5	12°25	3°23	5°53	19° 8	13°51	0♈25	5♋10	0♋57	2°12	19°32	n.a.	S 2
M 3	2 35 35	10°19'33	18°20	18°27	13°40	4° 8	6° 6	19°15	13°51	0°24	5°10	0°51	2° 8	19°39	n.a.	M 3
T 4	2 39 31	11°20'23	1♎14	19°49	14°55	4°53	6°18	19°22	13°52	0°23	5° 9	0°44	2° 5	19°46	n.a.	T 4
W 5	2 43 28	12°21'11	14°32	21°13	16°10	5°39	6°31	19°29	13°52	0°22	5° 8	0°35	2° 2	19°52	n.a.	W 5
T 6	2 47 24	13°21'58	28°12	22°38	17°24	6°24	6°43	19°35	13°53	0°21	5° 7	0°27	1°59	19°59	n.a.	T 6
F 7	2 51 21	14°22'43	12♏12	24° 4	18°39	7° 9	6°56	19°42	13°53	0°19	5° 6	0°19	1°56	20° 6	n.a.	F 7
S 8	2 55 18	15°23'26	26°27	25°31	19°54	7°55	7° 8	19°49	13°54	0°18	5° 6	0°13	1°53	20°12	n.a.	S 8
S 9	2 59 14	16°24'08	10♐53	26°59	21° 9	8°40	7°20	19°55	13°55	0°17	5° 5	0° 9	1°49	20°19	n.a.	S 9
M10	3 3 11	17°24'48	25°22	28°27	22°24	9°25	7°32	20° 2	13°56	0°16	5° 4	0°D 8	1°46	20°26	n.a.	M10
T 11	3 7 7	18°25'26	9♑51	29°57	23°39	10°11	7°44	20° 8	13°56	0°15	5° 3	0° 8	1°43	20°32	n.a.	T 11
W12	3 11 4	19°26'02	24°13	1♏27	24°54	10°56	7°57	20°15	13°57	0°14	5° 2	0° 9	1°40	20°39	n.a.	W12
T 13	3 15 0	20°26'35	8♒28	2°59	26° 8	11°42	8° 9	20°21	13°58	0°13	5° 1	0°10	1°37	20°46	n.a.	T 13
F 14	3 18 57	21°27'07	22°32	4°31	27°23	12°27	8°20	20°28	13°59	0°12	5° 0	0°R11	1°34	20°52	n.a.	F 14
S 15	3 22 54	22°27'36	6♓25	6° 4	28°38	13°13	8°32	20°34	14° 0	0°11	4°59	0°10	1°30	20°59	n.a.	S 15
S 16	3 26 50	23°28'02	20° 7	7°38	29°53	13°58	8°44	20°41	14° 1	0°10	4°58	0° 7	1°27	21° 6	n.a.	S 16
M17	3 30 47	24°28'27	3♈36	9°13	1♗ 7	14°44	8°56	20°47	14° 2	0°10	4°56	0° 3	1°24	21°12	n.a.	M17
T 18	3 34 43	25°28'49	16°54	10°49	2°22	15°29	9° 7	20°53	14° 4	0° 9	4°55	29♊58	1°21	21°19	n.a.	T 18
W19	3 38 40	26°29'10	29°58	12°26	3°37	16°15	9°19	21° 0	14° 5	0° 8	4°54	29°52	1°18	21°25	n.a.	W19
T 20	3 42 36	27°29'28	12♉49	14° 4	4°51	17° 1	9°30	21° 6	14° 6	0° 7	4°53	29°46	1°14	21°32	n.a.	T 20
F 21	3 46 33	28°29'44	25°27	15°42	6° 6	17°46	9°42	21°12	14° 7	0° 6	4°52	29°41	1°11	21°39	n.a.	F 21
S 22	3 50 29	29°29'58	7♊52	17°22	7°21	18°32	9°53	21°18	14° 9	0° 6	4°50	29°38	1° 8	21°45	n.a.	S 22
S 23	3 54 26	0♗30'10	20° 5	19° 3	8°35	19°17	10° 4	21°24	14°10	0° 5	4°49	29°36	1° 5	21°52	n.a.	S 23
M24	3 58 23	1°30'20	2♋ 7	20°44	9°50	20° 3	10°15	21°30	14°12	0° 4	4°48	29°D36	1° 2	21°59	n.a.	M24
T 25	4 2 19	2°30'28	14° 1	22°27	11° 4	20°49	10°26	21°36	14°13	0° 4	4°47	29°37	0°59	22° 5	n.a.	T 25
W26	4 6 16	3°30'34	25°50	24°10	12°19	21°34	10°37	21°42	14°15	0° 3	4°45	29°38	0°55	22°12	n.a.	W26
T 27	4 10 12	4°30'38	7♌39	25°55	13°33	22°20	10°48	21°48	14°16	0° 3	4°44	29°40	0°52	22°19	n.a.	T 27
F 28	4 14 9	5°30'40	19°30	27°41	14°48	23° 6	10°59	21°54	14°18	0° 2	4°43	29°42	0°49	22°25	n.a.	F 28
S 29	4 18 5	6°30'40	1♍30	29°27	16° 2	23°52	11° 9	21°59	14°20	0° 2	4°41	29°R42	0°46	22°32	n.a.	S 29
S 30	4 22 2	7°30'38	13°43	1♗15	17°17	24°37	11°20	22° 5	14°21	0° 1	4°40	29°42	0°43	22°39	n.a.	S 30
M31	4 25 58	8♗30'35	26♍14	3♗ 4	18♗31	25♎23	11♎30	22♎11	14♒23	0♈ 1	4♋38	29♊41	0♋40	22♋45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s40	17n53	4n 5	5s43	0n43	16s 7	0s33	0s38	0n29	1s30	0n54	6s 9	1n38	17s58	0s52	1s45	2s 7	40n 8	16n 8	24n 7	24n 6	24n10		n.a.	S 1
S 2	15 0	13 57	4 39	6 22	0 35	16 33	0 35	0 57	0 29	1 35	0 54	6 12	1 38	17 58	0 52	1 45	2 7	40 8	16 8	24 7	24 6	24 10		n.a.	S 2
M 3	15 20	9 19	5 0	7 1	0 27	16 58	0 37	1 16	0 28	1 40	0 54	6 14	1 38	17 58	0 52	1 46	2 7	40 9	16 9	24 7	24 6	24 10		n.a.	M 3
T 4	15 39	4 10	5 7	7 40	0 19	17 23	0 39	1 35	0 27	1 45	0 54	6 17	1 38	17 58	0 52	1 46	2 7	40 9	16 9	24 7	24 6	24 10		n.a.	T 4
W 5	15 59	1s19	4 58	8 20	0 11	17 48	0 41	1 54	0 27	1 50	0 54	6 20	1 38	17 58	0 52	1 47	2 7	40 10	16 10	24 7	24 6	24 10		n.a.	W 5
T 6	16 18	6 54	4 33	8 59	0 4	18 12	0 43	2 13	0 26	1 55	0 54	6 22	1 38	17 58	0 52	1 47	2 7	40 10	16 10	24 7	24 6	24 9		n.a.	T 6
F 7	16 36	12 17	3 50	9 39	0s 4	18 35	0 45	2 32	0 25	2 0	0 54	6 25	1 38	17 57	0 52	1 48	2 7	40 11	16 11	24 7	24 6	24 9		n.a.	F 7
S 8	16 55	17 8	2 52	10 18	0 11	18 58	0 47	2 51	0 24	2 5	0 54	6 27	1 38	17 57	0 52	1 48	2 7	40 11	16 11	24 7	24 6	24 9		n.a.	S 8
S 9	17 13	21 1	1 42	10 58	0 18	19 21	0 49	3 10	0 24	2 10	0 54	6 30	1 38	17 57	0 52	1 48	2 6	40 12	16 12	24 7	24 6	24 9		n.a.	S 9
M10	17 30	23 36	0 26	11 37	0 25	19 43	0 51	3 29	0 23	2 15	0 54	6 33	1 38	17 57	0 52	1 49	2 6	40 12	16 12	24 7	24 6	24 9		n.a.	M10
T 11	17 48	24 37	0s53	12 16	0 32	20 4	0 53	3 48	0 22	2 20	0 54	6 35	1 38	17 56	0 52	1 49	2 6	40 13	16 13	24 7	24 6	24 8		n.a.	T 11
W12	18 5	23 58	2 7	12 55	0 38	20 25	0 55	4 7	0 21	2 25	0 54	6 38	1 38	17 56	0 52	1 49	2 6	40 13	16 13	24 7	24 6	24 8		n.a.	W12
T 13	18 22	21 46	3 13	13 33	0 45	20 45	0 57	4 26	0 21	2 30	0 54	6 40	1 38	17 56	0 52	1 50	2 6	40 14	16 13	24 7	24 6	24 8		n.a.	T 13
F 14	18 38	18 16	4 7	14 11	0 51	21 5	0 58	4 45	0 20	2 35	0 54	6 43	1 38	17 55	0 52	1 50	2 6	40 14	16 14	24 7	24 6	24 8		n.a.	F 14
S 15	18 54	13 48	4 45	14 49	0 57	21 24	1 0	5 4	0 19	2 39	0 54	6 45	1 38	17 55	0 52	1 50	2 6	40 15	16 14	24 7	24 6	24 7		n.a.	S 15
S 16	19 10	8 42	5 7	15 26	1 3	21 42	1 2	5 23	0 18	2 44	0 54	6 47	1 38	17 55	0 52	1 51	2 6	40 15	16 15	24 7	24 6	24 7		n.a.	S 16
M17	19 25	3 15	5 11	16 3	1 8	22 0	1 3	5 42	0 18	2 49	0 54	6 50	1 38	17 54	0 52	1 51	2 6	40 15	16 15	24 7	24 7	24 7		n.a.	M17
T 18	19 40	2n15	4 58	16 39	1 14	22 17	1 5	6 0	0 17	2 54	0 54	6 52	1 38	17 54	0 52	1 51	2 6	40 16	16 15	24 7	24 7	24 7		n.a.	T 18
W19	19 55	7 35	4 30	17 15	1 19	22 33	1 6	6 19	0 16	2 58	0 54	6 55	1 38	17 53	0 52	1 52	2 6	40 16	16 16	24 7	24 7	24 6		n.a.	W19
T 20	20 9	12 31	3 48	17 50	1 24	22 49	1 8	6 38	0 15	3 3	0 54	6 57	1 38	17 53	0 52	1 52	2 6	40 17	16 16	24 7	24 7	24 6		n.a.	T 20
F 21	20 23	16 49	2 56	18 24	1 28	23 4	1 9	6 56	0 15	3 7	0 54	6 59	1 38	17 53	0 52	1 52	2 6	40 17	16 17	24 7	24 7	24 6		n.a.	F 21
S 22	20 37	20 20	1 56	18 58	1 32	23 19	1 11	7 15	0 14	3 12	0 54	7 2	1 38	17 52	0 51	1 52	2 6	40 18	16 17	24 7	24 7	24 6		n.a.	S 22
S 23	20 50	22 52	0 52	19 31	1 36	23 33	1 12	7 34	0 13	3 16	0 54	7 4	1 38	17 52	0 51	1 53	2 6	40 18	16 17	24 7	24 7	24 5		n.a.	S 23
M24	21 3	24 20	0n14	20 3	1 40	23 46	1 13	7 52	0 12	3 21	0 54	7 6	1 38	17 51	0 51	1 53	2 5	40 19	16 18	24 7	24 7	24 5		n.a.	M24
T 25	21 15	24 39	1 19	20 33	1 43	23 58	1 15	8 10	0 11	3 25	0 54	7 8	1 38	17 51	0 51	1 53	2 5	40 19	16 18	24 7	24 7	24 5		n.a.	T 25
W26	21 27	23 51	2 19	21 3	1 46	24 10	1 16	8 29	0 10	3 30	0 54	7 11	1 38	17 50	0 51	1 53	2 5	40 19	16 18	24 7	24 7	24 4		n.a.	W26
T 27	21 38	22 0	3 14	21 32	1 48	24 21	1 17	8 47	0 10	3 34	0 54	7 13	1 38	17 50	0 51	1 53	2 5	40 20	16 19	24 7	24 7	24 4		n.a.	T 27
F 28	21 50	19 11	4 1	21 59	1 51	24 31	1 18	9 5	0 9	3 38	0 54	7 15	1 38	17 49	0 51	1 53	2 5	40 20	16 19	24 7	24 7	24 4		n.a.	F 28
S 29	22 0	15 33	4 38	22 26	1 52	24 40	1 19	9 23	0 8	3 43	0 54	7 17	1 38	17 49	0 51	1 54	2 5	40 20	16 19	24 7	24 7	24 3		n.a.	S 29
S 30	22 11	11 13	5 3	22 50	1 54	24 49	1 20	9 41	0 7	3 47	0 54	7 19	1 38	17 48	0 51	1 54	2 5	40 21	16 20	24 7	24 7	24 3		n.a.	S 30
M31	22s21	6n20	5n15	23s14	1s54	24s57	1s21	9s59	0n 6	3s51	0n54	7s21	1n38	17s47	0s51	1s54	2s 5	40n21	16n20	24n 7	24n 7	24n 3		n.a.	M31

Julian Day Number = 188437.5, Delta T = 32h32m35s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'55, Lahiri = -61°36'54 Julian Calendar 1 Dec. 4198 BCE == Greg. Calendar 29 Oct. 4198 BCE

The year -4197 astronomical counting style corresponds to year 4198 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

JANUARY 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 29 55	9♐30'29	9♎ 7	4♐54	19♐46	26♎ 9	11♎40	22♎16	14♒25	0°R 0	4°R37	29°R39	0♋36	22♋52	n.a.	T 1
W 2	4 33 52	10°30'21	22°24	6°45	21° 0	26°55	11°51	22°22	14°27	29♓59	4♋36	29♊37	0°33	22°59	n.a.	W 2
T 3	4 37 48	11°30'12	6♏ 7	8°37	22°15	27°40	12° 1	22°27	14°29	29°59	4°34	29°34	0°30	23° 5	n.a.	T 3
F 4	4 41 45	12°30'00	20°15	10°30	23°29	28°26	12°11	22°33	14°31	29°59	4°33	29°32	0°27	23°12	n.a.	F 4
S 5	4 45 41	13°29'47	4♐45	12°24	24°43	29°12	12°21	22°38	14°33	29°59	4°31	29°30	0°24	23°19	n.a.	S 5
S 6	4 49 38	14°29'31	19°31	14°19	25°58	29°58	12°30	22°44	14°35	29°59	4°30	29°29	0°20	23°25	n.a.	S 6
M 7	4 53 34	15°29'13	4♑25	16°15	27°12	0♏44	12°40	22°49	14°37	29°59	4°28	29°D29	0°17	23°32	n.a.	M 7
T 8	4 57 31	16°28'53	19°19	18°12	28°26	1°29	12°50	22°54	14°39	29°58	4°27	29°29	0°14	23°39	n.a.	T 8
W 9	5 1 27	17°28'30	4♒ 6	20°10	29°41	2°15	12°59	22°59	14°41	29°58	4°25	29°30	0°11	23°45	n.a.	W 9
T 10	5 5 24	18°28'04	18°41	22° 8	0♑55	3° 1	13° 8	23° 4	14°44	29°58	4°24	29°31	0° 8	23°52	n.a.	T 10
F 11	5 9 21	19°27'36	2♓58	24° 7	2° 9	3°47	13°18	23° 9	14°46	29°58	4°22	29°32	0° 5	23°59	n.a.	F 11
S 12	5 13 17	20°27'05	16°56	26° 6	3°23	4°33	13°27	23°14	14°48	29°D58	4°21	29°R32	0° 1	24° 5	n.a.	S 12
S 13	5 17 14	21°26'32	0♈34	28° 5	4°38	5°18	13°36	23°19	14°50	29°58	4°19	29°32	29♊58	24°12	n.a.	S 13
M14	5 21 10	22°25'56	13°53	0♑ 4	5°52	6° 4	13°45	23°24	14°53	29°58	4°17	29°32	29°55	24°19	n.a.	M14
T 15	5 25 7	23°25'18	26°54	2° 3	7° 6	6°50	13°53	23°28	14°55	29°58	4°16	29°31	29°52	24°25	n.a.	T 15
W16	5 29 3	24°24'37	9♉39	4° 2	8°20	7°36	14° 2	23°33	14°58	29°58	4°14	29°31	29°49	24°32	n.a.	W16
T 17	5 33 0	25°23'53	22°11	5°59	9°34	8°22	14°10	23°37	15° 0	29°59	4°13	29°30	29°45	24°39	n.a.	T 17
F 18	5 36 56	26°23'07	4♊30	7°55	10°48	9° 7	14°19	23°42	15° 3	29°59	4°11	29°30	29°42	24°45	n.a.	F 18
S 19	5 40 53	27°22'19	16°39	9°50	12° 2	9°53	14°27	23°46	15° 5	29°59	4° 9	29°29	29°39	24°52	n.a.	S 19
S 20	5 44 49	28°21'28	28°41	11°43	13°16	10°39	14°35	23°51	15° 8	29°59	4° 8	29°D29	29°36	24°59	n.a.	S 20
M21	5 48 46	29°20'36	10♋36	13°33	14°30	11°25	14°43	23°55	15°10	29°59	4° 6	29°R29	29°33	25° 5	n.a.	M21
T 22	5 52 42	0♑19'40	22°26	15°20	15°44	12°11	14°51	23°59	15°13	29°59	4° 4	29°29	29°30	25°12	n.a.	T 22
W23	5 56 39	1°18'43	4♌15	17° 4	16°58	12°56	14°58	24° 3	15°16	0♈ 0	4° 3	29°29	29°26	25°19	n.a.	W23
T 24	6 0 36	2°17'44	16° 5	18°44	18°12	13°42	15° 6	24° 7	15°18	0° 1	4° 1	29°29	29°23	25°25	n.a.	T 24
F 25	6 4 32	3°16'42	27°58	20°20	19°26	14°28	15°13	24°11	15°21	0° 1	4° 0	29°28	29°20	25°32	n.a.	F 25
S 26	6 8 29	4°15'38	9♍59	21°51	20°40	15°14	15°20	24°15	15°24	0° 1	3°58	29°28	29°17	25°39	n.a.	S 26
S 27	6 12 25	5°14'32	22°12	23°18	21°54	16° 0	15°28	24°19	15°27	0° 2	3°56	29°27	29°14	25°45	n.a.	S 27
M28	6 16 22	6°13'25	4♎40	24°39	23° 8	16°45	15°35	24°23	15°29	0° 2	3°55	29°D27	29°11	25°52	n.a.	M28
T 29	6 20 18	7°12'15	17°27	25°55	24°22	17°31	15°41	24°26	15°32	0° 3	3°53	29°27	29° 7	25°59	n.a.	T 29
W30	6 24 15	8°11'03	0♏38	27° 5	25°35	18°17	15°48	24°30	15°35	0° 4	3°51	29°28	29° 4	26° 5	n.a.	W30
T 31	6 28 11	9♑ 9'49	14♏15	28♑ 9	26♑49	19♏ 3	15♎55	24♎33	15♒38	0♈ 4	3♋50	29♊29	29♊ 1	26♋12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	22s30	1n 2	5n11	23s36	1s55	25s 4	1s22	10s17	0n 5	3s55	0n54	7s23	1n39	17s47	0s51	1s54	2s 5	40n22	16n20	24n 7	24n 7	24n 2			n.a.
W 2	22 39	4s28	4 51	23 56	1 55	25 10	1 23	10 35	0 5	3 59	0 54	7 26	1 39	17 46	0 51	1 54	2 5	40 22	16 21	24 7	24 7	24 2			n.a.
T 3	22 48	9 57	4 14	24 14	1 54	25 16	1 23	10 53	0 4	4 3	0 54	7 28	1 39	17 46	0 51	1 54	2 5	40 22	16 21	24 7	24 7	24 2			n.a.
F 4	22 56	15 6	3 20	24 31	1 53	25 21	1 24	11 11	0 3	4 7	0 54	7 30	1 39	17 45	0 51	1 54	2 5	40 23	16 21	24 7	24 7	24 1			n.a.
S 5	23 4	19 31	2 13	24 45	1 51	25 25	1 25	11 28	0 2	4 11	0 54	7 32	1 39	17 44	0 51	1 54	2 5	40 23	16 21	24 7	24 7	24 1			n.a.
S 6	23 11	22 47	0 55	24 58	1 49	25 28	1 25	11 45	0 1	4 15	0 54	7 34	1 39	17 44	0 51	1 54	2 4	40 23	16 22	24 7	24 7	24 1			n.a.
M 7	23 18	24 30	0s27	25 9	1 46	25 31	1 26	12 3	0 0	4 19	0 54	7 35	1 39	17 43	0 51	1 54	2 4	40 23	16 22	24 7	24 7	24 0			n.a.
T 8	23 24	24 27	1 48	25 17	1 43	25 32	1 26	12 20	0s 1	4 23	0 54	7 37	1 39	17 42	0 51	1 54	2 4	40 24	16 22	24 7	24 7	24 0			n.a.
W 9	23 30	22 41	3 0	25 23	1 39	25 33	1 26	12 37	0 2	4 26	0 54	7 39	1 39	17 42	0 51	1 54	2 4	40 24	16 22	24 7	24 7	23 59			n.a.
T 10	23 36	19 27	4 0	25 26	1 34	25 33	1 27	12 54	0 3	4 30	0 54	7 41	1 39	17 41	0 51	1 54	2 4	40 24	16 23	24 7	24 7	23 59			n.a.
F 11	23 41	15 5	4 44	25 27	1 29	25 33	1 27	13 11	0 3	4 34	0 54	7 43	1 39	17 40	0 51	1 54	2 4	40 25	16 23	24 7	24 7	23 59			n.a.
S 12	23 46	10 2	5 10	25 26	1 22	25 31	1 27	13 28	0 4	4 37	0 54	7 45	1 39	17 39	0 51	1 54	2 4	40 25	16 23	24 7	24 7	23 58			n.a.
S 13	23 50	4 36	5 17	25 22	1 16	25 29	1 27	13 44	0 5	4 41	0 54	7 46	1 39	17 39	0 51	1 54	2 4	40 25	16 23	24 7	24 7	23 58			n.a.
M14	23 53	0n55	5 7	25 15	1 8	25 26	1 27	14 1	0 6	4 44	0 54	7 48	1 39	17 38	0 51	1 54	2 4	40 25	16 23	24 7	24 7	23 57			n.a.
T 15	23 57	6 17	4 42	25 6	1 0	25 22	1 27	14 17	0 7	4 48	0 54	7 50	1 39	17 37	0 51	1 54	2 4	40 26	16 23	24 7	24 7	23 57			n.a.
W16	23 59	11 17	4 3	24 55	0 51	25 18	1 27	14 34	0 8	4 51	0 54	7 52	1 39	17 36	0 50	1 54	2 4	40 26	16 24	24 7	24 7	23 56			n.a.
T 17	24 2	15 44	3 13	24 40	0 42	25 12	1 27	14 50	0 9	4 55	0 54	7 53	1 40	17 36	0 50	1 53	2 4	40 26	16 24	24 7	24 7	23 56			n.a.
F 18	24 4	19 26	2 14	24 24	0 32	25 6	1 27	15 6	0 10	4 58	0 54	7 55	1 40	17 35	0 50	1 53	2 4	40 26	16 24	24 7	24 7	23 56			n.a.
S 19	24 5	22 15	1 11	24 5	0 21	24 59	1 26	15 22	0 11	5 1	0 54	7 56	1 40	17 34	0 50	1 53	2 3	40 26	16 24	24 7	24 7	23 55			n.a.
S 20	24 6	24 2	0 5	23 45	0 10	24 52	1 26	15 37	0 12	5 4	0 55	7 58	1 40	17 33	0 50	1 53	2 3	40 27	16 24	24 7	24 7	23 55			n.a.
M21	24 7	24 42	1n 1	23 22	0n 2	24 43	1 26	15 53	0 13	5 7	0 55	8 0	1 40	17 32	0 50	1 53	2 3	40 27	16 24	24 7	24 7	23 54			n.a.
T 22	24 7	24 14	2 4	22 58	0 14	24 34	1 25	16 8	0 14	5 10	0 55	8 1	1 40	17 32	0 50	1 53	2 3	40 27	16 24	24 7	24 7	23 54			n.a.
W23	24 6	22 40	3 1	22 33	0 27	24 24	1 25	16 24	0 15	5 13	0 55	8 3	1 40	17 31	0 50	1 52	2 3	40 27	16 24	24 7	24 7	23 53			n.a.
T 24	24 6	20 8	3 51	22 7	0 40	24 14	1 24	16 39	0 16	5 16	0 55	8 4	1 40	17 30	0 50	1 52	2 3	40 27	16 25	24 7	24 7	23 53			n.a.
F 25	24 4	16 44	4 31	21 39	0 53	24 2	1 23	16 54	0 17	5 19	0 55	8 5	1 40	17 29	0 50	1 52	2 3	40 27	16 25	24 7	24 7	23 52			n.a.
S 26	24 3	12 38	4 59	21 12	1 6	23 50	1 23	17 8	0 17	5 22	0 55	8 7	1 40	17 28	0 50	1 52	2 3	40 27	16 25	24 7	24 7	23 52			n.a.
S 27	24 0	7 59	5 15	20 44	1 20	23 37	1 22	17 23	0 18	5 25	0 55	8 8	1 40	17 27	0 50	1 51	2 3	40 28	16 25	24 7	24 7	23 51			n.a.
M28	23 58	2 55	5 16	20 17	1 33	23 24	1 21	17 38	0 19	5 28	0 55	8 9	1 41	17 26	0 50	1 51	2 3	40 28	16 25	24 7	24 7	23 51			n.a.
T 29	23 55	2s24	5 2	19 50	1 46	23 10	1 20	17 52	0 20	5 30	0 55	8 11	1 41	17 25	0 50	1 51	2 3	40 28	16 25	24 7	24 7	23 50			n.a.
W30	23 51	7 47	4 32	19 23	1 59	22 55	1 19	18 6	0 21	5 33	0 55	8 12	1 41	17 25	0 50	1 50	2 3	40 28	16 25	24 7	24 7	23 50			n.a.
T 31	23s47	12s59	3n46	18s58	2n12	22s39	1s18	18s20	0s22	5s35	0n55	8s13	1n41	17s24	0s50	1s50	2s 3	40n28	16n25	24n 7	24n 7	23n49			n.a.

Julian Day Number = 188468.5, Delta T = 32h32m32s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'50, Lahiri = -61°36'50 Julian Calendar 1 Jan. 4197 BCE == Greg. Calendar 29 Nov. 4198 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

FEBRUARY 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 32 8	10♉ 8'34	28♏19	29♉ 7	28♉ 3	19♏48	16♎ 1	24♎37	15♒41	0♈ 5	3°R48	29♊30	28♊58	26♋18	n.a.	F 1
S 2	6 36 4	11° 7'16	12♐48	29°58	29°17	20°34	16° 7	24°40	15°44	0° 6	3♋47	29°30	28°55	26°25	n.a.	S 2
S 3	6 40 1	12° 5'57	27°38	0♒43	0♒30	21°20	16°13	24°43	15°47	0° 6	3°45	29°R31	28°51	26°32	n.a.	S 3
M 4	6 43 57	13° 4'35	12♉43	1°21	1°44	22° 5	16°19	24°46	15°50	0° 7	3°43	29°30	28°48	26°38	n.a.	M 4
T 5	6 47 54	14° 3'11	27°54	1°53	2°58	22°51	16°25	24°49	15°53	0° 8	3°42	29°29	28°45	26°45	n.a.	T 5
W 6	6 51 50	15° 1'45	13♒ 1	2°18	4°11	23°37	16°30	24°52	15°56	0° 9	3°40	29°28	28°42	26°52	n.a.	W 6
T 7	6 55 47	16° 0'17	27°56	2°36	5°25	24°22	16°36	24°55	15°59	0° 9	3°39	29°26	28°39	26°58	n.a.	T 7
F 8	6 59 44	16°58'46	12♓31	2°48	6°38	25° 8	16°41	24°58	16° 2	0°10	3°37	29°24	28°36	27° 5	n.a.	F 8
S 9	7 3 40	17°57'13	26°41	2°R53	7°52	25°54	16°46	25° 0	16° 5	0°11	3°35	29°22	28°32	27°12	n.a.	S 9
S 10	7 7 37	18°55'37	10♈26	2°51	9° 5	26°39	16°51	25° 3	16° 9	0°12	3°34	29°21	28°29	27°18	n.a.	S 10
M11	7 11 33	19°53'59	23°44	2°44	10°19	27°25	16°56	25° 5	16°12	0°13	3°32	29°D21	28°26	27°25	n.a.	M11
T 12	7 15 30	20°52'18	6♉40	2°30	11°32	28°10	17° 0	25° 8	16°15	0°14	3°31	29°22	28°23	27°32	n.a.	T 12
W13	7 19 26	21°50'35	19°15	2°12	12°45	28°56	17° 5	25°10	16°18	0°15	3°29	29°23	28°20	27°38	n.a.	W13
T 14	7 23 23	22°48'50	1♊35	1°48	13°59	29°41	17° 9	25°12	16°21	0°16	3°28	29°24	28°17	27°45	n.a.	T 14
F 15	7 27 19	23°47'03	13°42	1°19	15°12	0♐27	17°13	25°15	16°25	0°17	3°26	29°26	28°13	27°52	n.a.	F 15
S 16	7 31 16	24°45'14	25°41	0°47	16°25	1°12	17°17	25°17	16°28	0°18	3°25	29°R27	28°10	27°58	n.a.	S 16
S 17	7 35 12	25°43'22	7♋33	0°11	17°39	1°57	17°21	25°18	16°31	0°20	3°23	29°27	28° 7	28° 5	n.a.	S 17
M18	7 39 9	26°41'28	19°23	29♉33	18°52	2°43	17°24	25°20	16°34	0°21	3°22	29°25	28° 4	28°12	n.a.	M18
T 19	7 43 5	27°39'33	1♌11	28°53	20° 5	3°28	17°28	25°22	16°38	0°22	3°20	29°22	28° 1	28°18	n.a.	T 19
W20	7 47 2	28°37'35	13° 2	28°11	21°18	4°13	17°31	25°24	16°41	0°23	3°19	29°18	27°57	28°25	n.a.	W20
T 21	7 50 58	29°35'36	24°55	27°30	22°31	4°59	17°34	25°25	16°44	0°24	3°17	29°13	27°54	28°32	n.a.	T 21
F 22	7 54 55	0♒33'34	6♍54	26°49	23°44	5°44	17°37	25°27	16°48	0°26	3°16	29° 7	27°51	28°38	n.a.	F 22
S 23	7 58 51	1°31'31	19° 0	26° 8	24°57	6°29	17°39	25°28	16°51	0°27	3°15	29° 2	27°48	28°45	n.a.	S 23
S 24	8 2 48	2°29'26	1♎17	25°30	26°10	7°15	17°42	25°29	16°54	0°28	3°13	28°58	27°45	28°52	n.a.	S 24
M25	8 6 45	3°27'20	13°47	24°54	27°23	8° 0	17°44	25°31	16°58	0°30	3°12	28°54	27°42	28°58	n.a.	M25
T 26	8 10 41	4°25'12	26°33	24°21	28°36	8°45	17°46	25°32	17° 1	0°31	3°10	28°53	27°38	29° 5	n.a.	T 26
W27	8 14 38	5°23'03	9♏39	23°52	29°49	9°30	17°48	25°33	17° 5	0°32	3° 9	28°D53	27°35	29°12	n.a.	W27
T 28	8 18 34	6°20'52	23° 7	23°26	1♓ 2	10°15	17°50	25°34	17° 8	0°34	3° 8	28°53	27°32	29°18	n.a.	T 28
F 29	8 22 31	7♒18'40	7♐ 0	23♉ 4	2♓15	11♐ 0	17♎52	25♎34	17♒11	0♈35	3♋ 7	28♊55	27♊29	29♋25	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s43	17s40	2n45	18s34	2n24	22s23	1s17	18s34	0s23	5s38	0n55	8s14	1n41	17s23	0s50	1s50	2s 2	40n28	16n25	24n 7	24n 7	23n48		n.a.
S 2	23 38	21 28	1 31	18 12	2 36	22 7	1 16	18 47	0 24	5 40	0 55	8 15	1 41	17 22	0 50	1 49	2 2	40 28	16 25	24 7	24 7	23 48		n.a.
S 3	23 33	23 55	0 10	17 51	2 47	21 49	1 14	19 1	0 25	5 43	0 55	8 17	1 41	17 21	0 50	1 49	2 2	40 28	16 25	24 7	24 7	23 47		n.a.
M 4	23 27	24 42	1s13	17 32	2 58	21 31	1 13	19 14	0 26	5 45	0 55	8 18	1 41	17 20	0 50	1 49	2 2	40 28	16 25	24 7	24 7	23 47		n.a.
T 5	23 21	23 38	2 31	17 16	3 7	21 13	1 12	19 27	0 27	5 47	0 55	8 19	1 41	17 19	0 50	1 48	2 2	40 28	16 25	24 7	24 7	23 46		n.a.
W 6	23 14	20 51	3 38	17 1	3 16	20 53	1 10	19 40	0 28	5 49	0 55	8 20	1 41	17 18	0 50	1 48	2 2	40 28	16 25	24 7	24 7	23 46		n.a.
T 7	23 7	16 44	4 30	16 50	3 24	20 34	1 9	19 52	0 29	5 51	0 55	8 21	1 41	17 17	0 50	1 48	2 2	40 28	16 25	24 7	24 7	23 45		n.a.
F 8	23 0	11 41	5 2	16 40	3 31	20 13	1 7	20 5	0 30	5 53	0 55	8 22	1 42	17 16	0 50	1 47	2 2	40 28	16 25	24 7	24 7	23 45		n.a.
S 9	22 52	6 9	5 16	16 34	3 36	19 52	1 5	20 17	0 31	5 55	0 55	8 23	1 42	17 15	0 50	1 47	2 2	40 28	16 24	24 7	24 6	23 44		n.a.
S 10	22 44	0 30	5 10	16 30	3 41	19 31	1 4	20 29	0 32	5 57	0 55	8 23	1 42	17 14	0 50	1 46	2 2	40 28	16 24	24 7	24 6	23 43		n.a.
M11	22 35	5n 1	4 48	16 29	3 44	19 9	1 2	20 41	0 33	5 59	0 55	8 24	1 42	17 13	0 50	1 46	2 2	40 28	16 24	24 7	24 6	23 43		n.a.
T 12	22 26	10 10	4 12	16 30	3 45	18 46	1 0	20 52	0 34	6 1	0 56	8 25	1 42	17 12	0 50	1 45	2 2	40 28	16 24	24 7	24 6	23 42		n.a.
W13	22 17	14 46	3 24	16 35	3 45	18 23	0 58	21 4	0 35	6 2	0 56	8 26	1 42	17 11	0 50	1 45	2 2	40 28	16 24	24 7	24 6	23 41		n.a.
T 14	22 7	18 39	2 28	16 41	3 44	18 0	0 57	21 15	0 36	6 4	0 56	8 27	1 42	17 10	0 50	1 44	2 2	40 28	16 24	24 7	24 6	23 41		n.a.
F 15	21 57	21 40	1 26	16 51	3 41	17 36	0 55	21 26	0 37	6 6	0 56	8 27	1 42	17 9	0 50	1 44	2 1	40 28	16 24	24 7	24 6	23 40		n.a.
S 16	21 47	23 42	0 21	17 2	3 36	17 12	0 53	21 36	0 38	6 7	0 56	8 28	1 42	17 8	0 50	1 43	2 1	40 28	16 24	24 7	24 6	23 40		n.a.
S 17	21 36	24 38	0n44	17 16	3 30	16 47	0 51	21 47	0 39	6 9	0 56	8 29	1 42	17 7	0 50	1 43	2 1	40 27	16 24	24 7	24 6	23 39		n.a.
M18	21 24	24 26	1 47	17 31	3 23	16 21	0 48	21 57	0 41	6 10	0 56	8 29	1 43	17 6	0 50	1 42	2 1	40 27	16 23	24 7	24 6	23 38		n.a.
T 19	21 13	23 9	2 46	17 48	3 14	15 56	0 46	22 7	0 42	6 11	0 56	8 30	1 43	17 5	0 50	1 42	2 1	40 27	16 23	24 7	24 6	23 38		n.a.
W20	21 1	20 50	3 36	18 7	3 3	15 30	0 44	22 17	0 43	6 12	0 56	8 30	1 43	17 4	0 50	1 41	2 1	40 27	16 23	24 7	24 6	23 37		n.a.
T 21	20 49	17 37	4 18	18 27	2 52	15 3	0 42	22 27	0 44	6 14	0 56	8 31	1 43	17 3	0 50	1 41	2 1	40 27	16 23	24 7	24 6	23 36		n.a.
F 22	20 36	13 40	4 49	18 47	2 39	14 36	0 40	22 36	0 45	6 15	0 56	8 31	1 43	17 2	0 50	1 40	2 1	40 27	16 23	24 7	24 6	23 36		n.a.
S 23	20 23	9 9	5 7	19 8	2 26	14 9	0 37	22 45	0 46	6 16	0 56	8 32	1 43	17 1	0 50	1 39	2 1	40 27	16 23	24 7	24 6	23 35		n.a.
S 24	20 9	4 13	5 12	19 29	2 12	13 42	0 35	22 54	0 47	6 17	0 56	8 32	1 43	17 0	0 50	1 39	2 1	40 27	16 22	24 7	24 6	23 34		n.a.
M25	19 56	0s58	5 2	19 51	1 57	13 14	0 32	23 3	0 48	6 17	0 56	8 32	1 43	16 59	0 50	1 38	2 1	40 26	16 22	24 7	24 6	23 34		n.a.
T 26	19 42	6 14	4 37	20 12	1 41	12 45	0 30	23 11	0 49	6 18	0 56	8 33	1 43	16 58	0 50	1 38	2 1	40 26	16 22	24 7	24 6	23 33		n.a.
W27	19 27	11 23	3 57	20 32	1 25	12 17	0 28	23 19	0 50	6 19	0 56	8 33	1 44	16 56	0 50	1 37	2 1	40 26	16 22	24 7	24 6	23 32		n.a.
T 28	19 13	16 8	3 3	20 53	1 10	11 48	0 25	23 27	0 51	6 20	0 56	8 33	1 44	16 55	0 50	1 36	2 1	40 26	16 21	24 7	24 6	23 31		n.a.
F 29	18s58	20s11	1n57	21s12	0n54	11s19	0s22	23s35	0s52	6s20	0n56	8s33	1n44	16s54	0s50	1s36	2s 1	40n26	16n21	24n 7	24n 6	23n31		n.a.

Julian Day Number = 188499.5, Delta T = 32h32m28s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'46, Lahiri = -61°36'46 Julian Calendar 1 Feb. 4197 BCE == Greg. Calendar 30 Dec. 4198 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

MARCH 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 27	8♒16'26	21♐18	22°R47	3♓27	11♐45	17♎53	25♎35	17♒15	0♈37	3°R 5	28♊56	27♊26	29♋32	n.a.	S 1
S 2	8 30 24	9°14'11	5♑59	22♑34	4°40	12°30	17°54	25°36	17°18	0°38	3♋ 4	28°R56	27°23	29°38	n.a.	S 2
M 3	8 34 20	10°11'55	20°59	22°26	5°53	13°15	17°55	25°36	17°22	0°40	3° 3	28°54	27°19	29°45	n.a.	M 3
T 4	8 38 17	11° 9'37	6♒11	22°D23	7° 6	14° 0	17°56	25°37	17°25	0°42	3° 2	28°51	27°16	29°52	n.a.	T 4
W 5	8 42 13	12° 7'17	21°24	22°25	8°18	14°45	17°57	25°37	17°29	0°43	3° 0	28°45	27°13	29°59	n.a.	W 5
T 6	8 46 10	13° 4'56	6♓28	22°31	9°31	15°30	17°57	25°37	17°32	0°45	2°59	28°39	27°10	0♌ 5	n.a.	T 6
F 7	8 50 6	14° 2'33	21°14	22°42	10°43	16°14	17°57	25°37	17°35	0°46	2°58	28°32	27° 7	0°12	n.a.	F 7
S 8	8 54 3	15° 0'08	5♈35	22°57	11°56	16°59	17°R57	25°R37	17°39	0°48	2°57	28°26	27° 3	0°19	n.a.	S 8
S 9	8 58 0	15°57'41	19°28	23°17	13° 8	17°44	17°57	25°37	17°42	0°50	2°56	28°21	27° 0	0°25	n.a.	S 9
M10	9 1 56	16°55'13	2♉53	23°42	14°21	18°28	17°57	25°37	17°46	0°51	2°55	28°19	26°57	0°32	n.a.	M10
T 11	9 5 53	17°52'43	15°50	24°10	15°33	19°13	17°57	25°37	17°49	0°53	2°54	28°D18	26°54	0°39	n.a.	T 11
W12	9 9 49	18°50'11	28°24	24°43	16°45	19°57	17°56	25°36	17°53	0°55	2°53	28°18	26°51	0°45	n.a.	W12
T 13	9 13 46	19°47'38	10♊40	25°20	17°57	20°42	17°55	25°36	17°56	0°57	2°52	28°19	26°48	0°52	n.a.	T 13
F 14	9 17 42	20°45'03	22°42	26° 1	19°10	21°26	17°54	25°35	18° 0	0°58	2°51	28°R20	26°44	0°59	n.a.	F 14
S 15	9 21 39	21°42'27	4♋35	26°45	20°22	22°11	17°53	25°35	18° 3	1° 0	2°50	28°20	26°41	1° 5	n.a.	S 15
S 16	9 25 35	22°39'49	16°23	27°33	21°34	22°55	17°51	25°34	18° 7	1° 2	2°49	28°18	26°38	1°12	n.a.	S 16
M17	9 29 32	23°37'10	28°11	28°24	22°46	23°39	17°50	25°33	18°10	1° 4	2°48	28°14	26°35	1°19	n.a.	M17
T 18	9 33 28	24°34'29	10♌ 1	29°19	23°58	24°23	17°48	25°32	18°13	1° 6	2°47	28° 8	26°32	1°25	n.a.	T 18
W19	9 37 25	25°31'47	21°56	0♒17	25°10	25° 7	17°46	25°31	18°17	1° 8	2°46	27°59	26°29	1°32	n.a.	W19
T 20	9 41 22	26°29'04	3♍56	1°19	26°22	25°51	17°44	25°30	18°20	1° 9	2°45	27°49	26°25	1°39	n.a.	T 20
F 21	9 45 18	27°26'19	16° 5	2°23	27°34	26°36	17°41	25°29	18°24	1°11	2°45	27°38	26°22	1°45	n.a.	F 21
S 22	9 49 15	28°23'34	28°22	3°30	28°46	27°20	17°39	25°27	18°27	1°13	2°44	27°28	26°19	1°52	n.a.	S 22
S 23	9 53 11	29°20'47	10♎49	4°41	29°57	28° 3	17°36	25°26	18°31	1°15	2°43	27°18	26°16	1°59	n.a.	S 23
M24	9 57 8	0♓18'00	23°27	5°54	1♈ 9	28°47	17°33	25°24	18°34	1°17	2°42	27°11	26°13	2° 5	n.a.	M24
T 25	10 1 4	1°15'12	6♏19	7°10	2°21	29°31	17°30	25°23	18°37	1°19	2°42	27° 6	26° 9	2°12	n.a.	T 25
W26	10 5 1	2°12'23	19°26	8°29	3°32	0♑15	17°27	25°21	18°41	1°21	2°41	27° 3	26° 6	2°19	n.a.	W26
T 27	10 8 57	3° 9'34	2♐51	9°50	4°44	0°59	17°23	25°19	18°44	1°23	2°41	27°D 2	26° 3	2°25	n.a.	T 27
F 28	10 12 54	4° 6'44	16°36	11°14	5°55	1°42	17°20	25°17	18°47	1°25	2°40	27° 3	26° 0	2°32	n.a.	F 28
S 29	10 16 51	5° 3'54	0♑41	12°41	7° 7	2°26	17°16	25°16	18°51	1°27	2°39	27°R 3	25°57	2°39	n.a.	S 29
S 30	10 20 47	6° 1'03	15° 7	14°10	8°18	3° 9	17°12	25°13	18°54	1°29	2°39	27° 2	25°54	2°45	n.a.	S 30
M31	10 24 44	6♓58'11	29♑52	15♒42	9♈29	3♑53	17♎ 8	25♎11	18♒58	1♈31	2♋38	26♊58	25♊50	2♌52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18s42	23s 8	0n41	21s30	0n38	10s50	0s20	23s42	0s53	6s21	0n56	8s33	1n44	16s53	0s50	1s35	2s 0	40n25	16n21	24n 7	24n 5	23n30		n.a.	S 1
S 2	18 27	24 37	0s38	21 48	0 22	10 20	0 17	23 50	0 54	6 21	0 56	8 34	1 44	16 52	0 50	1 34	2 0	40 25	16 21	24 7	24 5	23 29		n.a.	S 2
M 3	18 11	24 21	1 57	22 4	0 7	9 50	0 15	23 56	0 55	6 21	0 56	8 34	1 44	16 51	0 50	1 34	2 0	40 25	16 20	24 7	24 5	23 28		n.a.	M 3
T 4	17 55	22 17	3 8	22 19	0s 7	9 20	0 12	24 3	0 56	6 22	0 56	8 34	1 44	16 50	0 49	1 33	2 0	40 25	16 20	24 7	24 5	23 28		n.a.	T 4
W 5	17 38	18 38	4 6	22 33	0 22	8 50	0 9	24 10	0 57	6 22	0 56	8 34	1 44	16 49	0 49	1 32	2 0	40 24	16 20	24 7	24 5	23 27		n.a.	W 5
T 6	17 22	13 48	4 46	22 46	0 35	8 19	0 6	24 16	0 58	6 22	0 56	8 34	1 44	16 48	0 49	1 31	2 0	40 24	16 20	24 7	24 5	23 26		n.a.	T 6
F 7	17 5	8 14	5 6	22 57	0 49	7 49	0 4	24 22	0 59	6 22	0 57	8 34	1 44	16 47	0 49	1 31	2 0	40 24	16 19	24 7	24 5	23 25		n.a.	F 7
S 8	16 47	2 23	5 6	23 6	1 1	7 18	0 1	24 27	1 0	6 22	0 57	8 34	1 45	16 46	0 49	1 30	2 0	40 24	16 19	24 6	24 5	23 25		n.a.	S 8
S 9	16 30	3n24	4 48	23 14	1 13	6 47	0n 2	24 33	1 1	6 22	0 57	8 33	1 45	16 45	0 49	1 29	2 0	40 23	16 19	24 6	24 5	23 24		n.a.	S 9
M10	16 12	8 50	4 15	23 21	1 24	6 16	0 5	24 38	1 2	6 22	0 57	8 33	1 45	16 43	0 49	1 29	2 0	40 23	16 18	24 6	24 5	23 23		n.a.	M10
T 11	15 54	13 43	3 29	23 26	1 34	5 44	0 8	24 43	1 3	6 22	0 57	8 33	1 45	16 42	0 49	1 28	2 0	40 23	16 18	24 6	24 5	23 22		n.a.	T 11
W12	15 36	17 52	2 34	23 29	1 44	5 13	0 10	24 48	1 4	6 21	0 57	8 33	1 45	16 41	0 49	1 27	2 0	40 22	16 18	24 6	24 5	23 22		n.a.	W12
T 13	15 17	21 8	1 34	23 31	1 53	4 41	0 13	24 52	1 5	6 21	0 57	8 33	1 45	16 40	0 49	1 26	2 0	40 22	16 17	24 6	24 5	23 21		n.a.	T 13
F 14	14 59	23 24	0 30	23 31	2 1	4 10	0 16	24 56	1 6	6 21	0 57	8 32	1 45	16 39	0 49	1 25	2 0	40 22	16 17	24 6	24 5	23 20		n.a.	F 14
S 15	14 40	24 36	0n34	23 30	2 8	3 38	0 19	25 0	1 7	6 20	0 57	8 32	1 45	16 38	0 49	1 25	2 0	40 22	16 17	24 6	24 4	23 19		n.a.	S 15
S 16	14 21	24 39	1 36	23 26	2 15	3 6	0 22	25 4	1 8	6 20	0 57	8 32	1 45	16 37	0 49	1 24	2 0	40 21	16 16	24 6	24 4	23 18		n.a.	S 16
M17	14 1	23 36	2 33	23 21	2 21	2 34	0 25	25 7	1 9	6 19	0 57	8 31	1 45	16 36	0 49	1 23	2 0	40 21	16 16	24 6	24 4	23 17		n.a.	M17
T 18	13 42	21 30	3 24	23 15	2 26	2 2	0 28	25 10	1 10	6 18	0 57	8 31	1 46	16 35	0 49	1 22	2 0	40 21	16 16	24 6	24 4	23 17		n.a.	T 18
W19	13 22	18 28	4 7	23 6	2 30	1 30	0 31	25 13	1 11	6 17	0 57	8 30	1 46	16 34	0 49	1 21	2 0	40 20	16 15	24 6	24 4	23 16		n.a.	W19
T 20	13 2	14 38	4 38	22 56	2 34	0 58	0 34	25 15	1 13	6 17	0 57	8 30	1 46	16 33	0 49	1 21	1 59	40 20	16 15	24 6	24 4	23 15		n.a.	T 20
F 21	12 42	10 11	4 58	22 44	2 37	0 26	0 37	25 18	1 14	6 16	0 57	8 29	1 46	16 31	0 49	1 20	1 59	40 19	16 14	24 6	24 4	23 14		n.a.	F 21
S 22	12 22	5 17	5 4	22 30	2 39	0n 6	0 40	25 20	1 15	6 15	0 57	8 29	1 46	16 30	0 49	1 19	1 59	40 19	16 14	24 5	24 4	23 13		n.a.	S 22
S 23	12 1	0 7	4 56	22 14	2 41	0 38	0 42	25 22	1 16	6 14	0 57	8 28	1 46	16 29	0 50	1 18	1 59	40 19	16 14	24 5	24 4	23 12		n.a.	S 23
M24	11 41	5s 9	4 33	21 56	2 42	1 10	0 45	25 23	1 17	6 12	0 57	8 27	1 46	16 28	0 50	1 17	1 59	40 18	16 13	24 5	24 4	23 11		n.a.	M24
T 25	11 20	10 18	3 56	21 36	2 42	1 41	0 48	25 25	1 18	6 11	0 57	8 27	1 46	16 27	0 50	1 17	1 59	40 18	16 13	24 5	24 4	23 11		n.a.	T 25
W26	10 59	15 6	3 6	21 15	2 41	2 13	0 51	25 26	1 19	6 10	0 57	8 26	1 46	16 26	0 50	1 16	1 59	40 18	16 13	24 5	24 3	23 10		n.a.	W26
T 27	10 38	19 17	2 5	20 51	2 40	2 45	0 54	25 26	1 20	6 9	0 57	8 25	1 46	16 25	0 50	1 15	1 59	40 17	16 12	24 5	24 3	23 9		n.a.	T 27
F 28	10 17	22 30	0 55	20 25	2 38	3 17	0 57	25 27	1 21	6 7	0 57	8 25	1 46	16 24	0 50	1 14	1 59	40 17	16 12	24 5	24 3	23 8		n.a.	F 28
S 29	9 55	24 26	0s19	19 58	2 36	3 48	1 0	25 27	1 22	6 6	0 57	8 24	1 46	16 23	0 50	1 13	1 59	40 16	16 11	24 5	24 3	23 7		n.a.	S 29
S 30	9 34	24 48	1 35	19 28	2 33	4 20	1 2	25 27	1 23	6 4	0 57	8 23	1 47	16 22	0 50	1 12	1 59	40 16	16 11	24 5	24 3	23 6		n.a.	S 30
M31	9s12	23s26	2s45	18s57	2s29	4n51	1n 5	25s27	1s24	6s 3	0n57	8s22	1n47	16s21	0s50	1s11	1s59	40n16	16n10	24n 5	24n 3	23n 5		n.a.	M31

Julian Day Number = 188528.5, Delta T = 32h32m25s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'42, Lahiri = -61°36'42 Julian Calendar 1 March 4197 BCE == Greg. Calendar 28 Jan. 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

APRIL 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 28 40	7♓55'19	14♒49	17♒17	10♈41	4♉36	17°R 4	25°R 9	19♒ 1	1♈33	2°R38	26°R53	25♊47	2♌59	n.a.	T 1
W 2	10 32 37	8°52'26	29°52	18°54	11°52	5°19	16♎59	25♎ 7	19° 4	1°35	2♋37	26♊44	25°44	3° 5	n.a.	W 2
T 3	10 36 33	9°49'32	14♓50	20°34	13° 3	6° 2	16°55	25° 5	19° 7	1°38	2°37	26°34	25°41	3°12	n.a.	T 3
F 4	10 40 30	10°46'38	29°34	22°16	14°14	6°46	16°50	25° 2	19°11	1°40	2°37	26°24	25°38	3°19	n.a.	F 4
S 5	10 44 26	11°43'43	13♈57	24° 1	15°25	7°29	16°45	25° 0	19°14	1°42	2°36	26°14	25°34	3°25	n.a.	S 5
S 6	10 48 23	12°40'47	27°53	25°48	16°36	8°12	16°40	24°57	19°17	1°44	2°36	26° 6	25°31	3°32	n.a.	S 6
M 7	10 52 20	13°37'51	11♉21	27°38	17°47	8°55	16°35	24°54	19°20	1°46	2°36	26° 0	25°28	3°39	n.a.	M 7
T 8	10 56 16	14°34'53	24°21	29°30	18°58	9°37	16°30	24°51	19°24	1°48	2°35	25°56	25°25	3°45	n.a.	T 8
W 9	11 0 13	15°31'55	6♊57	1♓24	20° 9	10°20	16°24	24°49	19°27	1°50	2°35	25°55	25°22	3°52	n.a.	W 9
T 10	11 4 9	16°28'56	19°14	3°21	21°20	11° 3	16°19	24°46	19°30	1°53	2°35	25°55	25°19	3°59	n.a.	T 10
F 11	11 8 6	17°25'57	1♋15	5°20	22°30	11°45	16°13	24°43	19°33	1°55	2°35	25°55	25°15	4° 5	n.a.	F 11
S 12	11 12 2	18°22'57	13° 8	7°21	23°41	12°28	16° 7	24°40	19°36	1°57	2°35	25°54	25°12	4°12	n.a.	S 12
S 13	11 15 59	19°19'56	24°57	9°24	24°51	13°10	16° 1	24°36	19°39	1°59	2°35	25°51	25° 9	4°19	n.a.	S 13
M14	11 19 56	20°16'55	6♌46	11°28	26° 2	13°52	15°55	24°33	19°43	2° 1	2°35	25°46	25° 6	4°25	n.a.	M14
T 15	11 23 52	21°13'53	18°39	13°35	27°12	14°35	15°49	24°30	19°46	2° 3	2°D35	25°38	25° 3	4°32	n.a.	T 15
W16	11 27 49	22°10'51	0♍40	15°42	28°23	15°17	15°42	24°27	19°49	2° 6	2°35	25°28	25° 0	4°39	n.a.	W16
T 17	11 31 45	23° 7'48	12°50	17°51	29°33	15°59	15°36	24°23	19°52	2° 8	2°35	25°15	24°56	4°45	n.a.	T 17
F 18	11 35 42	24° 4'45	25°11	20° 1	0♉43	16°41	15°29	24°20	19°55	2°10	2°35	25° 2	24°53	4°52	n.a.	F 18
S 19	11 39 38	25° 1'42	7♎43	22°11	1°53	17°23	15°23	24°16	19°58	2°12	2°35	24°49	24°50	4°59	n.a.	S 19
S 20	11 43 35	25°58'39	20°26	24°22	3° 3	18° 5	15°16	24°13	20° 1	2°15	2°35	24°38	24°47	5° 6	n.a.	S 20
M21	11 47 32	26°55'36	3♏21	26°33	4°13	18°46	15° 9	24° 9	20° 4	2°17	2°35	24°28	24°44	5°12	n.a.	M21
T 22	11 51 28	27°52'33	16°26	28°43	5°23	19°28	15° 2	24° 5	20° 6	2°19	2°35	24°22	24°40	5°19	n.a.	T 22
W23	11 55 25	28°49'31	29°44	0♈53	6°33	20° 9	14°55	24° 2	20° 9	2°21	2°36	24°18	24°37	5°26	n.a.	W23
T 24	11 59 21	29°46'28	13♐15	3° 3	7°42	20°51	14°48	23°58	20°12	2°23	2°36	24°17	24°34	5°32	n.a.	T 24
F 25	12 3 18	0♈43'26	26°59	5°11	8°52	21°32	14°41	23°54	20°15	2°26	2°36	24°16	24°31	5°39	n.a.	F 25
S 26	12 7 14	1°40'25	10♉59	7°19	10° 2	22°13	14°33	23°50	20°18	2°28	2°36	24°16	24°28	5°46	n.a.	S 26
S 27	12 11 11	2°37'24	25°12	9°25	11°11	22°55	14°26	23°46	20°21	2°30	2°37	24°15	24°25	5°52	n.a.	S 27
M28	12 15 8	3°34'23	9♒39	11°30	12°20	23°36	14°19	23°42	20°23	2°32	2°37	24°12	24°21	5°59	n.a.	M28
T 29	12 19 4	4°31'23	24°15	13°33	13°30	24°16	14°11	23°38	20°26	2°35	2°38	24° 6	24°18	6° 6	n.a.	T 29
W30	12 23 1	5♈28'24	8♓56	15♈35	14♉39	24♉57	14♎ 4	23♎34	20♒29	2♈37	2♋38	23♊57	24♊15	6♌12	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s50	20 s25	3 s45	18 s23	2 s25	5n23	1n 8	25 s27	1 s25	6 s 1	0n57	8 s21	1n47	16 s20	0 s50	1 s10	1 s59	40n15	16n10	24n 5	24n 3	23n 4		n.a.
W 2	8 28	16 2	4 30	17 47	2 20	5 54	1 11	25 26	1 26	5 59	0 57	8 20	1 47	16 19	0 50	1 10	1 59	40 15	16 10	24 5	24 3	23 3		n.a.
T 3	8 6	10 39	4 56	17 9	2 14	6 25	1 13	25 25	1 27	5 58	0 57	8 19	1 47	16 18	0 50	1 9	1 59	40 14	16 9	24 4	24 3	23 2		n.a.
F 4	7 44	4 46	5 1	16 29	2 8	6 56	1 16	25 24	1 28	5 56	0 57	8 18	1 47	16 17	0 50	1 8	1 59	40 14	16 9	24 4	24 3	23 1		n.a.
S 5	7 22	1n15	4 48	15 47	2 1	7 27	1 19	25 22	1 29	5 54	0 57	8 17	1 47	16 15	0 50	1 7	1 59	40 14	16 8	24 4	24 2	23 0		n.a.
S 6	6 59	7 2	4 17	15 3	1 54	7 57	1 21	25 21	1 30	5 52	0 57	8 16	1 47	16 14	0 50	1 6	1 59	40 13	16 8	24 3	24 2	23 0		n.a.
M 7	6 37	12 17	3 33	14 17	1 46	8 28	1 24	25 19	1 31	5 50	0 57	8 15	1 47	16 13	0 50	1 5	1 59	40 13	16 7	24 3	24 2	22 59		n.a.
T 8	6 14	16 50	2 39	13 29	1 38	8 58	1 27	25 17	1 32	5 48	0 56	8 14	1 47	16 12	0 50	1 4	1 59	40 12	16 7	24 3	24 2	22 58		n.a.
W 9	5 52	20 28	1 39	12 40	1 29	9 28	1 29	25 14	1 33	5 46	0 56	8 13	1 47	16 11	0 50	1 3	1 59	40 12	16 7	24 3	24 2	22 57		n.a.
T 10	5 29	23 5	0 35	11 48	1 20	9 57	1 32	25 12	1 34	5 44	0 56	8 12	1 47	16 10	0 50	1 2	1 59	40 11	16 6	24 3	24 2	22 56		n.a.
F 11	5 6	24 35	0n28	10 54	1 11	10 27	1 34	25 9	1 34	5 41	0 56	8 11	1 47	16 9	0 50	1 2	1 59	40 11	16 6	24 3	24 2	22 55		n.a.
S 12	4 43	24 56	1 30	9 59	1 1	10 56	1 36	25 6	1 35	5 39	0 56	8 10	1 47	16 8	0 50	1 1	1 59	40 10	16 5	24 3	24 2	22 54		n.a.
S 13	4 20	24 9	2 27	9 3	0 51	11 25	1 39	25 3	1 36	5 37	0 56	8 8	1 47	16 7	0 50	1 0	1 59	40 10	16 5	24 3	24 2	22 53		n.a.
M14	3 57	22 18	3 18	8 5	0 40	11 53	1 41	24 59	1 37	5 34	0 56	8 7	1 47	16 6	0 50	0 59	1 59	40 10	16 4	24 3	24 1	22 52		n.a.
T 15	3 34	19 27	4 1	7 5	0 30	12 22	1 43	24 55	1 38	5 32	0 56	8 6	1 47	16 5	0 50	0 58	1 59	40 9	16 4	24 3	24 1	22 51		n.a.
W16	3 11	15 47	4 33	6 5	0 19	12 50	1 45	24 51	1 39	5 30	0 56	8 5	1 47	16 4	0 50	0 57	1 59	40 9	16 3	24 2	24 1	22 50		n.a.
T 17	2 48	11 25	4 53	5 4	0 9	13 18	1 48	24 47	1 40	5 27	0 56	8 3	1 47	16 3	0 50	0 56	1 59	40 8	16 3	24 2	24 1	22 49		n.a.
F 18	2 25	6 32	5 0	4 2	0n 2	13 45	1 50	24 43	1 41	5 25	0 56	8 2	1 47	16 3	0 50	0 55	1 59	40 8	16 2	24 1	24 1	22 48		n.a.
S 19	2 2	1 19	4 53	3 0	0 12	14 12	1 52	24 38	1 42	5 22	0 56	8 1	1 47	16 2	0 50	0 54	1 59	40 7	16 2	24 1	24 1	22 47		n.a.
S 20	1 39	4 s 2	4 31	1 57	0 23	14 39	1 54	24 34	1 43	5 19	0 56	7 59	1 48	16 1	0 50	0 53	1 59	40 7	16 2	24 0	24 1	22 45		n.a.
M21	1 15	9 19	3 55	0 55	0 33	15 5	1 55	24 29	1 44	5 17	0 56	7 58	1 48	16 0	0 50	0 52	1 59	40 6	16 1	24 0	24 1	22 44		n.a.
T 22	0 52	14 16	3 6	0n 7	0 42	15 31	1 57	24 23	1 45	5 14	0 55	7 56	1 48	15 59	0 50	0 51	1 59	40 6	16 1	24 0	24 0	22 43		n.a.
W23	0 29	18 37	2 6	1 9	0 52	15 57	1 59	24 18	1 46	5 11	0 55	7 55	1 48	15 58	0 50	0 51	1 59	40 5	16 0	23 59	24 0	22 42		n.a.
T 24	0 6	22 4	0 58	2 10	1 0	16 22	2 1	24 12	1 47	5 9	0 55	7 54	1 48	15 57	0 50	0 50	1 59	40 5	16 0	23 59	24 0	22 41		n.a.
F 25	0n18	24 19	0 s14	3 10	1 9	16 47	2 2	24 7	1 48	5 6	0 55	7 52	1 48	15 56	0 50	0 49	1 59	40 4	15 59	23 59	24 0	22 40		n.a.
S 26	0 41	25 6	1 27	4 9	1 17	17 11	2 4	24 1	1 49	5 3	0 55	7 51	1 48	15 55	0 50	0 48	1 59	40 4	15 59	23 59	24 0	22 39		n.a.
S 27	1 4	24 15	2 36	5 7	1 24	17 35	2 5	23 54	1 50	5 0	0 55	7 49	1 48	15 54	0 50	0 47	1 59	40 3	15 58	23 59	24 0	22 38		n.a.
M28	1 28	21 47	3 35	6 3	1 31	17 58	2 7	23 48	1 50	4 58	0 55	7 48	1 48	15 53	0 50	0 46	1 59	40 3	15 58	23 59	24 0	22 37		n.a.
T 29	1 51	17 54	4 22	6 59	1 37	18 22	2 8	23 42	1 51	4 55	0 55	7 46	1 48	15 53	0 50	0 45	1 59	40 3	15 57	23 59	23 59	22 36		n.a.
W30	2n14	12 s55	4 s51	7n52	1n43	18n44	2n 9	23 s35	1 s52	4 s52	0n55	7 s45	1n48	15 s52	0 s50	0 s44	1 s58	40n 2	15n57	23n58	23n59	22n35		n.a.

Julian Day Number = 188559.5, Delta T = 32h32m22s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'38, Lahiri = -61°36'38 Julian Calendar 1 Apr. 4197 BCE == Greg. Calendar 28 Feb. 4197 BCE

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

MAY 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 26 57	6♈25'24	23♓34	17♈34	15♉48	25♊38	13°R56	23°R30	20♒31	2♈39	2♋39	23°R47	24♊12	6♌19	n.a.	T 1
F 2	12 30 54	7°22'25	8♈ 2	19°32	16°57	26°19	13♎49	23♎26	20°34	2°41	2°39	23♊36	24° 9	6°26	n.a.	F 2
S 3	12 34 50	8°19'26	22°14	21°29	18° 6	26°59	13°41	23°22	20°37	2°44	2°40	23°25	24° 5	6°32	n.a.	S 3
S 4	12 38 47	9°16'28	6♉ 3	23°23	19°15	27°39	13°33	23°17	20°39	2°46	2°40	23°16	24° 2	6°39	n.a.	S 4
M 5	12 42 44	10°13'30	19°27	25°15	20°24	28°20	13°26	23°13	20°42	2°48	2°41	23°10	23°59	6°46	n.a.	M 5
T 6	12 46 40	11°10'32	2♊26	27° 6	21°32	29° 0	13°18	23° 9	20°44	2°50	2°41	23° 6	23°56	6°52	n.a.	T 6
W 7	12 50 37	12° 7'35	15° 3	28°55	22°41	29°40	13°10	23° 5	20°47	2°52	2°42	23° 4	23°53	6°59	n.a.	W 7
T 8	12 54 33	13° 4'38	27°21	0♉41	23°49	0♒20	13° 3	23° 0	20°49	2°55	2°43	23°D 4	23°50	7° 6	n.a.	T 8
F 9	12 58 30	14° 1'41	9♋24	2°26	24°58	0°59	12°55	22°56	20°51	2°57	2°44	23°R 5	23°46	7°12	n.a.	F 9
S 10	13 2 26	14°58'45	21°18	4° 9	26° 6	1°39	12°47	22°52	20°54	2°59	2°44	23° 4	23°43	7°19	n.a.	S 10
S 11	13 6 23	15°55'49	3♌ 8	5°50	27°14	2°18	12°39	22°47	20°56	3° 1	2°45	23° 3	23°40	7°26	n.a.	S 11
M12	13 10 20	16°52'53	15° 0	7°29	28°22	2°58	12°32	22°43	20°58	3° 3	2°46	22°59	23°37	7°33	n.a.	M12
T 13	13 14 16	17°49'58	26°57	9° 6	29°30	3°37	12°24	22°38	21° 0	3° 6	2°47	22°53	23°34	7°39	n.a.	T 13
W14	13 18 13	18°47'03	9♍ 3	10°41	0♊38	4°16	12°17	22°34	21° 3	3° 8	2°48	22°45	23°31	7°46	n.a.	W14
T 15	13 22 9	19°44'09	21°22	12°14	1°45	4°55	12° 9	22°30	21° 5	3°10	2°49	22°36	23°27	7°53	n.a.	T 15
F 16	13 26 6	20°41'15	3♎56	13°45	2°53	5°34	12° 1	22°25	21° 7	3°12	2°50	22°25	23°24	7°59	n.a.	F 16
S 17	13 30 3	21°38'22	16°43	15°14	4° 0	6°13	11°54	22°21	21° 9	3°14	2°51	22°14	23°21	8° 6	n.a.	S 17
S 18	13 33 59	22°35'30	29°46	16°41	5° 7	6°51	11°46	22°16	21°11	3°16	2°52	22° 5	23°18	8°13	n.a.	S 18
M19	13 37 56	23°32'39	13♏ 1	18° 6	6°15	7°29	11°39	22°12	21°13	3°18	2°53	21°58	23°15	8°19	n.a.	M19
T 20	13 41 52	24°29'50	26°29	19°30	7°21	8° 8	11°32	22° 7	21°15	3°21	2°54	21°53	23°11	8°26	n.a.	T 20
W21	13 45 49	25°27'01	10♐ 6	20°51	8°28	8°46	11°24	22° 3	21°17	3°23	2°55	21°50	23° 8	8°33	n.a.	W21
T 22	13 49 45	26°24'14	23°53	22° 9	9°35	9°24	11°17	21°59	21°19	3°25	2°56	21°D49	23° 5	8°39	n.a.	T 22
F 23	13 53 42	27°21'27	7♑48	23°26	10°42	10° 2	11°10	21°54	21°21	3°27	2°57	21°50	23° 2	8°46	n.a.	F 23
S 24	13 57 39	28°18'43	21°51	24°41	11°48	10°39	11° 3	21°50	21°22	3°29	2°58	21°R51	22°59	8°53	n.a.	S 24
S 25	14 1 35	29°15'59	6♒ 0	25°53	12°54	11°17	10°56	21°45	21°24	3°31	3° 0	21°51	22°56	8°59	n.a.	S 25
M26	14 5 32	0♉13'17	20°14	27° 3	14° 0	11°54	10°49	21°41	21°26	3°33	3° 1	21°49	22°52	9° 6	n.a.	M26
T 27	14 9 28	1°10'37	4♓31	28°10	15° 6	12°32	10°42	21°37	21°28	3°35	3° 2	21°45	22°49	9°13	n.a.	T 27
W28	14 13 25	2° 7'57	18°48	29°15	16°12	13° 9	10°36	21°32	21°29	3°37	3° 3	21°40	22°46	9°19	n.a.	W28
T 29	14 17 21	3° 5'20	3♈ 0	0♊17	17°18	13°46	10°29	21°28	21°31	3°39	3° 5	21°33	22°43	9°26	n.a.	T 29
F 30	14 21 18	4° 2'43	17° 3	1°17	18°23	14°22	10°23	21°24	21°32	3°41	3° 6	21°25	22°40	9°33	n.a.	F 30
S 31	14 25 15	5♉ 0'08	0♉52	2♊13	19♊28	14♒59	10♎16	21♎19	21♒34	3♈43	3♋ 7	21♊18	22♊37	9♌40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2n37	7s12	5s 1	8n44	1n47	19n 6	2n10	23s28	1s53	4s49	0n54	7s43	1n48	15s51	0s50	0s43	1s58	40n 2	15n56	23n58	23n59	22n34			n.a.
F 2	3 0	1 10	4 52	9 34	1 52	19 28	2 11	23 21	1 54	4 46	0 54	7 42	1 47	15 50	0 50	0 42	1 58	40 1	15 56	23 57	23 59	22 32			n.a.
S 3	3 23	4n49	4 24	10 23	1 55	19 49	2 12	23 14	1 55	4 43	0 54	7 40	1 47	15 49	0 50	0 41	1 58	40 1	15 55	23 57	23 59	22 31			n.a.
S 4	3 47	10 26	3 42	11 10	1 59	20 9	2 13	23 7	1 56	4 40	0 54	7 38	1 47	15 48	0 50	0 40	1 58	40 0	15 55	23 56	23 59	22 30			n.a.
M 5	4 10	15 23	2 48	11 54	2 1	20 29	2 14	22 59	1 57	4 37	0 54	7 37	1 47	15 48	0 50	0 40	1 58	40 0	15 55	23 56	23 59	22 29			n.a.
T 6	4 33	19 29	1 47	12 38	2 3	20 49	2 14	22 51	1 58	4 34	0 54	7 35	1 47	15 47	0 50	0 39	1 58	39 59	15 54	23 56	23 58	22 28			n.a.
W 7	4 55	22 33	0 43	13 19	2 4	21 8	2 15	22 43	1 58	4 31	0 54	7 34	1 47	15 46	0 50	0 38	1 58	39 59	15 54	23 56	23 58	22 27			n.a.
T 8	5 18	24 28	0n23	13 58	2 5	21 26	2 15	22 36	1 59	4 29	0 53	7 32	1 47	15 45	0 50	0 37	1 59	39 58	15 53	23 56	23 58	22 26			n.a.
F 9	5 41	25 12	1 26	14 36	2 5	21 44	2 16	22 27	2 0	4 26	0 53	7 30	1 47	15 45	0 50	0 36	1 59	39 58	15 53	23 56	23 58	22 24			n.a.
S 10	6 4	24 45	2 24	15 12	2 4	22 2	2 16	22 19	2 1	4 23	0 53	7 29	1 47	15 44	0 50	0 35	1 59	39 57	15 52	23 56	23 58	22 23			n.a.
S 11	6 26	23 11	3 16	15 46	2 3	22 18	2 16	22 11	2 2	4 20	0 53	7 27	1 47	15 43	0 51	0 34	1 59	39 57	15 52	23 56	23 58	22 22			n.a.
M12	6 49	20 36	4 0	16 18	2 1	22 34	2 16	22 2	2 3	4 17	0 53	7 26	1 47	15 42	0 51	0 33	1 59	39 56	15 51	23 56	23 57	22 21			n.a.
T 13	7 11	17 8	4 33	16 48	1 59	22 50	2 16	21 54	2 4	4 14	0 52	7 24	1 47	15 42	0 51	0 32	1 59	39 56	15 51	23 55	23 57	22 20			n.a.
W14	7 34	12 56	4 55	17 16	1 56	23 5	2 16	21 45	2 4	4 11	0 52	7 22	1 47	15 41	0 51	0 32	1 59	39 55	15 51	23 55	23 57	22 19			n.a.
T 15	7 56	8 8	5 3	17 43	1 52	23 19	2 16	21 36	2 5	4 8	0 52	7 21	1 47	15 40	0 51	0 31	1 59	39 55	15 50	23 54	23 57	22 17			n.a.
F 16	8 18	2 55	4 57	18 8	1 49	23 33	2 16	21 27	2 6	4 5	0 52	7 19	1 47	15 40	0 51	0 30	1 59	39 55	15 50	23 54	23 57	22 16			n.a.
S 17	8 40	2s31	4 37	18 31	1 44	23 46	2 15	21 18	2 7	4 3	0 52	7 17	1 47	15 39	0 51	0 29	1 59	39 54	15 49	23 53	23 57	22 15			n.a.
S 18	9 2	7 57	4 1	18 53	1 39	23 58	2 15	21 8	2 8	4 0	0 52	7 16	1 47	15 38	0 51	0 28	1 59	39 54	15 49	23 52	23 57	22 14			n.a.
M19	9 24	13 9	3 12	19 12	1 34	24 10	2 14	20 59	2 9	3 57	0 51	7 14	1 47	15 38	0 51	0 27	1 59	39 53	15 48	23 52	23 56	22 13			n.a.
T 20	9 45	17 47	2 11	19 30	1 28	24 21	2 13	20 50	2 9	3 54	0 51	7 13	1 47	15 37	0 51	0 26	1 59	39 53	15 48	23 52	23 56	22 11			n.a.
W21	10 7	21 34	1 2	19 47	1 22	24 31	2 12	20 40	2 10	3 52	0 51	7 11	1 46	15 36	0 51	0 26	1 59	39 52	15 48	23 51	23 56	22 10			n.a.
T 22	10 28	24 9	0s11	20 1	1 15	24 41	2 11	20 30	2 11	3 49	0 51	7 9	1 46	15 36	0 51	0 25	1 59	39 52	15 47	23 51	23 56	22 9			n.a.
F 23	10 49	25 17	1 25	20 15	1 7	24 50	2 10	20 21	2 12	3 46	0 50	7 8	1 46	15 35	0 51	0 24	1 59	39 51	15 47	23 51	23 56	22 8			n.a.
S 24	11 10	24 49	2 34	20 26	1 0	24 58	2 9	20 11	2 13	3 44	0 50	7 6	1 46	15 35	0 51	0 23	1 59	39 51	15 46	23 51	23 55	22 6			n.a.
S 25	11 31	22 45	3 34	20 36	0 51	25 6	2 8	20 1	2 13	3 41	0 50	7 5	1 46	15 34	0 51	0 22	1 59	39 51	15 46	23 51	23 55	22 5			n.a.
M26	11 52	19 16	4 22	20 45	0 43	25 13	2 6	19 51	2 14	3 38	0 50	7 3	1 46	15 34	0 51	0 21	1 59	39 50	15 46	23 51	23 55	22 4			n.a.
T 27	12 13	14 39	4 53	20 52	0 34	25 19	2 4	19 41	2 15	3 36	0 50	7 2	1 46	15 33	0 51	0 21	1 59	39 50	15 45	23 51	23 55	22 3			n.a.
W28	12 33	9 14	5 7	20 57	0 24	25 25	2 3	19 30	2 16	3 33	0 49	7 0	1 46	15 33	0 51	0 20	1 59	39 49	15 45	23 51	23 55	22 1			n.a.
T 29	12 53	3 21	5 1	21 1	0 15	25 30	2 1	19 20	2 17	3 31	0 49	6 58	1 46	15 32	0 51	0 19	1 59	39 49	15 44	23 50	23 55	22 0			n.a.
F 30	13 13	2n38	4 37	21 4	0 5	25 34	1 59	19 10	2 17	3 28	0 49	6 57	1 46	15 32	0 51	0 18	1 59	39 48	15 44	23 50	23 54	21 59			n.a.
S 31	13n33	8n24	3s58	21n 6	0s 6	25n37	1n57	19s 0	2s18	3s26	0n49	6s55	1n45	15s31	0s51	0s17	1s59	39n48	15n44	23n49	23n54	21n57			n.a.

Julian Day Number = 188589.5, Delta T = 32h32m19s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'34, Lahiri = -61°36'34 Julian Calendar 1 May 4197 BCE == Greg. Calendar 29 March 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

JUNE 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 29 11	5♉57'35	14♉23	3♊ 7	20♊33	15♒35	10°R10	21°R15	21♒35	3♈45	3♋ 9	21°R12	22♊33	9♌46	n.a.	S 1
M 2	14 33 8	6°55'02	27°35	3°57	21°38	16°11	10♎ 4	21♎11	21°37	3°47	3°10	21♊ 7	22°30	9°53	n.a.	M 2
T 3	14 37 4	7°52'31	10♊27	4°44	22°43	16°47	9°58	21° 7	21°38	3°49	3°12	21° 5	22°27	10° 0	n.a.	T 3
W 4	14 41 1	8°50'02	22°59	5°28	23°47	17°23	9°52	21° 3	21°39	3°51	3°13	21°D 4	22°24	10° 6	n.a.	W 4
T 5	14 44 57	9°47'33	5♋15	6° 8	24°52	17°59	9°46	20°59	21°41	3°53	3°15	21° 5	22°21	10°13	n.a.	T 5
F 6	14 48 54	10°45'06	17°19	6°44	25°56	18°34	9°41	20°54	21°42	3°55	3°16	21° 7	22°17	10°20	n.a.	F 6
S 7	14 52 51	11°42'40	29°13	7°16	27° 0	19°10	9°35	20°50	21°43	3°56	3°18	21° 8	22°14	10°26	n.a.	S 7
S 8	14 56 47	12°40'16	11♌ 4	7°44	28° 3	19°45	9°30	20°47	21°44	3°58	3°19	21°R 9	22°11	10°33	n.a.	S 8
M 9	15 0 44	13°37'52	22°57	8° 7	29° 7	20°19	9°25	20°43	21°45	4° 0	3°21	21° 8	22° 8	10°40	n.a.	M 9
T 10	15 4 40	14°35'30	4♍56	8°26	0♋10	20°54	9°19	20°39	21°46	4° 2	3°23	21° 6	22° 5	10°46	n.a.	T 10
W11	15 8 37	15°33'09	17° 5	8°40	1°13	21°29	9°15	20°35	21°47	4° 4	3°24	21° 3	22° 2	10°53	n.a.	W11
T 12	15 12 33	16°30'50	29°30	8°48	2°15	22° 3	9°10	20°31	21°48	4° 5	3°26	20°58	21°58	11° 0	n.a.	T 12
F 13	15 16 30	17°28'32	12♎11	8°R52	3°18	22°37	9° 5	20°27	21°49	4° 7	3°28	20°53	21°55	11° 7	n.a.	F 13
S 14	15 20 27	18°26'15	25°11	8°50	4°20	23°11	9° 1	20°24	21°50	4° 9	3°29	20°47	21°52	11°13	n.a.	S 14
S 15	15 24 23	19°24'00	8♏30	8°42	5°22	23°44	8°57	20°20	21°51	4°11	3°31	20°43	21°49	11°20	n.a.	S 15
M16	15 28 20	20°21'47	22° 7	8°28	6°23	24°18	8°53	20°17	21°51	4°12	3°33	20°39	21°46	11°27	n.a.	M16
T 17	15 32 16	21°19'36	5♐58	8° 9	7°24	24°51	8°49	20°13	21°52	4°14	3°35	20°37	21°42	11°33	n.a.	T 17
W18	15 36 13	22°17'26	20° 2	7°44	8°25	25°24	8°45	20°10	21°53	4°16	3°36	20°D36	21°39	11°40	n.a.	W18
T 19	15 40 9	23°15'19	4♑14	7°14	9°26	25°56	8°41	20° 6	21°53	4°17	3°38	20°37	21°36	11°47	n.a.	T 19
F 20	15 44 6	24°13'13	18°30	6°38	10°26	26°29	8°38	20° 3	21°54	4°19	3°40	20°38	21°33	11°53	n.a.	F 20
S 21	15 48 2	25°11'10	2♒47	5°57	11°26	27° 1	8°35	20° 0	21°54	4°20	3°42	20°39	21°30	12° 0	n.a.	S 21
S 22	15 51 59	26° 9'09	17° 3	5°12	12°26	27°33	8°32	19°57	21°55	4°22	3°44	20°40	21°27	12° 7	n.a.	S 22
M23	15 55 56	27° 7'09	1♓14	4°23	13°25	28° 5	8°29	19°54	21°55	4°23	3°46	20°R41	21°23	12°13	n.a.	M23
T 24	15 59 52	28° 5'12	15°19	3°31	14°24	28°36	8°26	19°51	21°55	4°25	3°48	20°40	21°20	12°20	n.a.	T 24
W25	16 3 49	29° 3'18	29°17	2°37	15°22	29° 7	8°24	19°48	21°56	4°26	3°50	20°38	21°17	12°27	n.a.	W25
T 26	16 7 45	0♊ 1'25	13♈ 4	1°41	16°20	29°38	8°21	19°45	21°56	4°28	3°52	20°35	21°14	12°34	n.a.	T 26
F 27	16 11 42	0°59'35	26°40	0°46	17°18	0♓ 9	8°19	19°42	21°56	4°29	3°53	20°32	21°11	12°40	n.a.	F 27
S 28	16 15 38	1°57'47	10♉ 3	29♉51	18°15	0°39	8°17	19°39	21°56	4°31	3°55	20°30	21° 8	12°47	n.a.	S 28
S 29	16 19 35	2°56'00	23°11	28°59	19°12	1° 9	8°15	19°37	21°56	4°32	3°57	20°28	21° 4	12°54	n.a.	S 29
M30	16 23 31	3♊54'17	6♊ 4	28♉10	20♋ 8	1♓39	8♎14	19♎34	21°R56	4♈33	3♋59	20♊26	21♊ 1	13♌ 0	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	13n53	13n40	3s 5	21n 6	0s17	25n40	1n54	18s49	2s19	3s24	0n48	6s54	1n45	15s31	0s51	0s17	1s59	39n48	15n43	23n49	23n54	21n56			n.a.
M 2	14 12	18 10	2 4	21 5	0 28	25 42	1 52	18 39	2 20	3 22	0 48	6 52	1 45	15 30	0 51	0 16	1 59	39 47	15 43	23 49	23 54	21 55			n.a.
T 3	14 32	21 42	0 57	21 2	0 40	25 44	1 50	18 28	2 20	3 19	0 48	6 51	1 45	15 30	0 51	0 15	1 59	39 47	15 43	23 48	23 54	21 53			n.a.
W 4	14 51	24 6	0n10	20 59	0 51	25 45	1 47	18 18	2 21	3 17	0 48	6 49	1 45	15 30	0 51	0 14	1 59	39 46	15 42	23 48	23 53	21 52			n.a.
T 5	15 9	25 17	1 16	20 54	1 4	25 45	1 44	18 7	2 22	3 15	0 47	6 48	1 45	15 29	0 51	0 14	1 59	39 46	15 42	23 48	23 53	21 51			n.a.
F 6	15 28	25 14	2 18	20 48	1 16	25 44	1 41	17 56	2 23	3 13	0 47	6 47	1 45	15 29	0 52	0 13	1 59	39 46	15 41	23 49	23 53	21 50			n.a.
S 7	15 46	24 1	3 12	20 41	1 28	25 43	1 38	17 46	2 23	3 11	0 47	6 45	1 44	15 28	0 52	0 12	1 59	39 45	15 41	23 49	23 53	21 48			n.a.
S 8	16 5	21 45	3 59	20 34	1 41	25 41	1 35	17 35	2 24	3 9	0 47	6 44	1 44	15 28	0 52	0 11	1 59	39 45	15 41	23 49	23 53	21 47			n.a.
M 9	16 22	18 33	4 35	20 25	1 54	25 38	1 32	17 24	2 25	3 7	0 46	6 42	1 44	15 28	0 52	0 11	1 59	39 44	15 40	23 49	23 53	21 45			n.a.
T 10	16 40	14 35	4 59	20 15	2 7	25 35	1 28	17 13	2 26	3 6	0 46	6 41	1 44	15 27	0 52	0 10	1 59	39 44	15 40	23 49	23 52	21 44			n.a.
W11	16 57	9 59	5 11	20 5	2 19	25 31	1 24	17 3	2 26	3 4	0 46	6 40	1 44	15 27	0 52	0 9	1 59	39 44	15 40	23 48	23 52	21 43			n.a.
T 12	17 15	4 53	5 8	19 53	2 32	25 27	1 21	16 52	2 27	3 2	0 46	6 38	1 44	15 27	0 52	0 9	1 59	39 43	15 39	23 48	23 52	21 41			n.a.
F 13	17 31	0s31	4 50	19 42	2 45	25 21	1 17	16 41	2 28	3 1	0 45	6 37	1 44	15 27	0 52	0 8	1 59	39 43	15 39	23 48	23 52	21 40			n.a.
S 14	17 48	6 2	4 17	19 29	2 57	25 15	1 13	16 30	2 28	2 59	0 45	6 36	1 43	15 26	0 52	0 7	1 59	39 43	15 39	23 47	23 52	21 39			n.a.
S 15	18 4	11 26	3 30	19 16	3 9	25 9	1 9	16 19	2 29	2 58	0 45	6 35	1 43	15 26	0 52	0 7	1 59	39 42	15 39	23 47	23 51	21 37			n.a.
M16	18 20	16 24	2 30	19 3	3 20	25 2	1 4	16 8	2 30	2 56	0 45	6 33	1 43	15 26	0 52	0 6	1 59	39 42	15 38	23 47	23 51	21 36			n.a.
T 17	18 36	20 37	1 19	18 49	3 31	24 54	1 0	15 58	2 30	2 55	0 44	6 32	1 43	15 26	0 52	0 5	1 59	39 42	15 38	23 46	23 51	21 34			n.a.
W18	18 51	23 41	0 3	18 35	3 41	24 46	0 55	15 47	2 31	2 54	0 44	6 31	1 43	15 26	0 52	0 5	2 0	39 41	15 38	23 46	23 51	21 33			n.a.
T 19	19 7	25 17	1s14	18 21	3 50	24 37	0 50	15 36	2 32	2 52	0 44	6 30	1 43	15 26	0 52	0 4	2 0	39 41	15 37	23 46	23 51	21 32			n.a.
F 20	19 21	25 14	2 27	18 7	3 58	24 27	0 46	15 25	2 33	2 51	0 43	6 29	1 42	15 25	0 52	0 4	2 0	39 41	15 37	23 47	23 50	21 30			n.a.
S 21	19 36	23 31	3 31	17 54	4 5	24 17	0 41	15 14	2 33	2 50	0 43	6 28	1 42	15 25	0 52	0 3	2 0	39 40	15 37	23 47	23 50	21 29			n.a.
S 22	19 50	20 19	4 22	17 41	4 10	24 6	0 35	15 4	2 34	2 49	0 43	6 27	1 42	15 25	0 52	0 2	2 0	39 40	15 37	23 47	23 50	21 27			n.a.
M23	20 4	15 56	4 57	17 28	4 14	23 55	0 30	14 53	2 34	2 48	0 43	6 26	1 42	15 25	0 52	0 2	2 0	39 40	15 36	23 47	23 50	21 26			n.a.
T 24	20 17	10 44	5 13	17 16	4 16	23 43	0 25	14 42	2 35	2 47	0 42	6 25	1 42	15 25	0 52	0 1	2 0	39 39	15 36	23 47	23 49	21 25			n.a.
W25	20 31	5 1	5 11	17 6	4 16	23 31	0 19	14 32	2 36	2 47	0 42	6 24	1 41	15 25	0 52	0 1	2 0	39 39	15 36	23 47	23 49	21 23			n.a.
T 26	20 44	0n51	4 51	16 56	4 14	23 18	0 13	14 21	2 36	2 46	0 42	6 23	1 41	15 25	0 52	0 0	2 0	39 39	15 36	23 46	23 49	21 22			n.a.
F 27	20 56	6 38	4 14	16 49	4 10	23 5	0 7	14 10	2 37	2 45	0 42	6 22	1 41	15 25	0 52	0n 0	2 0	39 38	15 35	23 46	23 49	21 20			n.a.
S 28	21 8	12 1	3 25	16 43	4 5	22 51	0 1	14 0	2 38	2 45	0 41	6 21	1 41	15 25	0 52	0 1	2 0	39 38	15 35	23 46	23 49	21 19			n.a.
S 29	21 20	16 46	2 25	16 39	3 57	22 37	0s 5	13 49	2 38	2 44	0 41	6 20	1 41	15 25	0 52	0 1	2 0	39 38	15 35	23 46	23 48	21 17			n.a.
M30	21n31	20n38	1s19	16n37	3s48	22n22	0s11	13s39	2s39	2s44	0n41	6s19	1n40	15s25	0s53	0n 2	2s 0	39n38	15n35	23n46	23n48	21n16			n.a.

Julian Day Number = 188620.5, Delta T = 32h32m15s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'30, Lahiri = -61°36'29 Julian Calendar 1 June 4197 BCE == Greg. Calendar 29 Apr. 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

JULY 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 27 28	4♊52'35	18♊42	27°R26	21♋ 4	2♓ 8	8°R12	19°R32	21°R56	4°♈35	4♋ 2	20°D26	20♊58	13♌ 7	n.a.	T 1
W 2	16 31 25	5°50'55	1♋ 5	26♉48	22° 0	2°38	8♎11	19♎29	21♒56	4°36	4° 4	20♊26	20°55	13°14	n.a.	W 2
T 3	16 35 21	6°49'17	13°16	26°16	22°55	3° 6	8°10	19°27	21°56	4°37	4° 6	20°27	20°52	13°20	n.a.	T 3
F 4	16 39 18	7°47'41	25°17	25°51	23°49	3°35	8° 9	19°25	21°56	4°38	4° 8	20°28	20°48	13°27	n.a.	F 4
S 5	16 43 14	8°46'07	7♌10	25°35	24°43	4° 3	8° 9	19°23	21°56	4°40	4°10	20°29	20°45	13°34	n.a.	S 5
S 6	16 47 11	9°44'35	19° 1	25°D26	25°36	4°31	8° 8	19°21	21°56	4°41	4°12	20°30	20°42	13°40	n.a.	S 6
M 7	16 51 7	10°43'04	0♍53	25°27	26°29	4°58	8° 8	19°19	21°55	4°42	4°14	20°31	20°39	13°47	n.a.	M 7
T 8	16 55 4	11°41'36	12°51	25°37	27°21	5°26	8°D 8	19°17	21°55	4°43	4°16	20°R31	20°36	13°54	n.a.	T 8
W 9	16 59 0	12°40'09	25° 0	25°55	28°12	5°52	8° 8	19°15	21°54	4°44	4°18	20°31	20°33	14° 1	n.a.	W 9
T 10	17 2 57	13°38'45	7♎23	26°23	29° 3	6°19	8° 9	19°13	21°54	4°45	4°20	20°30	20°29	14° 7	n.a.	T 10
F 11	17 6 53	14°37'22	20° 6	26°59	29°53	6°45	8° 9	19°12	21°53	4°46	4°23	20°30	20°26	14°14	n.a.	F 11
S 12	17 10 50	15°36'01	3♏10	27°44	0♌42	7°11	8°10	19°10	21°53	4°47	4°25	20°29	20°23	14°21	n.a.	S 12
S 13	17 14 47	16°34'42	16°38	28°37	1°31	7°36	8°11	19° 9	21°52	4°48	4°27	20°28	20°20	14°27	n.a.	S 13
M14	17 18 43	17°33'26	0♐28	29°37	2°19	8° 1	8°12	19° 8	21°52	4°49	4°29	20°28	20°17	14°34	n.a.	M14
T 15	17 22 40	18°32'11	14°40	0♊44	3° 6	8°26	8°13	19° 6	21°51	4°50	4°31	20°D28	20°14	14°41	n.a.	T 15
W16	17 26 36	19°30'59	29° 8	1°58	3°52	8°50	8°15	19° 5	21°50	4°51	4°34	20°28	20°10	14°47	n.a.	W16
T 17	17 30 33	20°29'49	13♑47	3°17	4°37	9°14	8°17	19° 4	21°49	4°52	4°36	20°R28	20° 7	14°54	n.a.	T 17
F 18	17 34 29	21°28'42	28°30	4°42	5°21	9°37	8°18	19° 3	21°48	4°52	4°38	20°28	20° 4	15° 1	n.a.	F 18
S 19	17 38 26	22°27'37	13♒12	6°12	6° 5	10° 0	8°21	19° 3	21°48	4°53	4°40	20°28	20° 1	15° 8	n.a.	S 19
S 20	17 42 22	23°26'34	27°44	7°45	6°47	10°22	8°23	19° 2	21°47	4°54	4°42	20°28	19°58	15°14	n.a.	S 20
M21	17 46 19	24°25'34	12♓ 5	9°23	7°29	10°44	8°25	19° 1	21°46	4°55	4°45	20°27	19°54	15°21	n.a.	M21
T 22	17 50 15	25°24'36	26° 9	11° 3	8° 9	11° 6	8°28	19° 1	21°45	4°55	4°47	20°D27	19°51	15°28	n.a.	T 22
W23	17 54 12	26°23'42	9♈57	12°45	8°48	11°27	8°31	19° 0	21°44	4°56	4°49	20°27	19°48	15°34	n.a.	W23
T 24	17 58 8	27°22'49	23°28	14°30	9°26	11°48	8°34	19° 0	21°42	4°57	4°51	20°28	19°45	15°41	n.a.	T 24
F 25	18 2 5	28°21'59	6♉43	16°16	10° 3	12° 8	8°37	19° 0	21°41	4°57	4°54	20°28	19°42	15°48	n.a.	F 25
S 26	18 6 2	29°21'12	19°42	18° 3	10°39	12°27	8°40	19° 0	21°40	4°58	4°56	20°29	19°39	15°54	n.a.	S 26
S 27	18 9 58	0♋20'27	2♊28	19°51	11°13	12°46	8°44	19°D 0	21°39	4°58	4°58	20°30	19°35	16° 1	n.a.	S 27
M28	18 13 55	1°19'45	15° 1	21°39	11°47	13° 5	8°48	19° 0	21°37	4°59	5° 1	20°R31	19°32	16° 8	n.a.	M28
T 29	18 17 51	2°19'05	27°22	23°28	12°18	13°23	8°51	19° 0	21°36	4°59	5° 3	20°31	19°29	16°15	n.a.	T 29
W30	18 21 48	3°18'28	9♋34	25°17	12°49	13°41	8°56	19° 0	21°35	5° 0	5° 5	20°30	19°26	16°21	n.a.	W30
T 31	18 25 44	4♋17'53	21♋37	27♊ 6	13♌17	13♓57	9♎ 0	19♎ 0	21♒33	5°♈ 0	5♋ 7	20♊28	19♊23	16♌28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n43	23n28	0s10	16n38	3s37	22n 7	0s18	13s29	2s40	2s44	0n40	6s19	1n40	15s25	0s53	0n 2	2s 0	39n37	15n35	23n46	23n48	21n14			n.a.
W 2	21 53	25 5	0n59	16 41	3 24	21 51	0 25	13 18	2 40	2 43	0 40	6 18	1 40	15 25	0 53	0 3	2 0	39 37	15 34	23 46	23 48	21 13			n.a.
T 3	22 4	25 28	2 3	16 47	3 11	21 36	0 31	13 8	2 41	2 43	0 40	6 17	1 40	15 25	0 53	0 3	2 0	39 37	15 34	23 46	23 47	21 11			n.a.
F 4	22 14	24 39	3 1	16 55	2 56	21 19	0 38	12 58	2 41	2 43	0 40	6 17	1 40	15 25	0 53	0 4	2 0	39 37	15 34	23 46	23 47	21 10			n.a.
S 5	22 23	22 43	3 51	17 7	2 40	21 2	0 46	12 48	2 42	2 43	0 39	6 16	1 39	15 25	0 53	0 4	2 0	39 36	15 34	23 46	23 47	21 8			n.a.
S 6	22 32	19 48	4 30	17 21	2 24	20 45	0 53	12 38	2 43	2 43	0 39	6 15	1 39	15 25	0 53	0 5	2 0	39 36	15 34	23 46	23 47	21 7			n.a.
M 7	22 41	16 6	4 59	17 37	2 7	20 28	1 0	12 28	2 43	2 43	0 39	6 15	1 39	15 26	0 53	0 5	2 0	39 36	15 34	23 46	23 47	21 5			n.a.
T 8	22 49	11 44	5 14	17 56	1 50	20 10	1 8	12 19	2 44	2 44	0 39	6 14	1 39	15 26	0 53	0 5	2 1	39 36	15 34	23 46	23 46	21 4			n.a.
W 9	22 57	6 51	5 16	18 17	1 32	19 52	1 16	12 9	2 44	2 44	0 38	6 14	1 39	15 26	0 53	0 6	2 1	39 35	15 33	23 46	23 46	21 2			n.a.
T 10	23 5	1 37	5 3	18 40	1 15	19 34	1 23	11 59	2 45	2 44	0 38	6 13	1 38	15 26	0 53	0 6	2 1	39 35	15 33	23 46	23 46	21 1			n.a.
F 11	23 12	3s50	4 36	19 5	0 59	19 16	1 31	11 50	2 45	2 45	0 38	6 13	1 38	15 26	0 53	0 7	2 1	39 35	15 33	23 46	23 46	20 59			n.a.
S 12	23 19	9 16	3 53	19 31	0 42	18 57	1 40	11 40	2 46	2 45	0 38	6 13	1 38	15 27	0 53	0 7	2 1	39 35	15 33	23 46	23 45	20 58			n.a.
S 13	23 25	14 27	2 57	19 59	0 27	18 38	1 48	11 31	2 47	2 46	0 37	6 12	1 38	15 27	0 53	0 7	2 1	39 35	15 33	23 46	23 45	20 56			n.a.
M14	23 31	19 3	1 49	20 27	0 12	18 19	1 56	11 22	2 47	2 47	0 37	6 12	1 37	15 27	0 53	0 8	2 1	39 34	15 33	23 46	23 45	20 55			n.a.
T 15	23 36	22 40	0 32	20 56	0n 3	18 0	2 5	11 13	2 48	2 47	0 37	6 12	1 37	15 27	0 53	0 8	2 1	39 34	15 33	23 46	23 45	20 53			n.a.
W16	23 41	24 55	0s48	21 24	0 16	17 40	2 14	11 4	2 48	2 48	0 36	6 11	1 37	15 28	0 53	0 8	2 1	39 34	15 33	23 46	23 44	20 51			n.a.
T 17	23 46	25 28	2 6	21 53	0 29	17 21	2 23	10 55	2 49	2 49	0 36	6 11	1 37	15 28	0 53	0 8	2 1	39 34	15 33	23 46	23 44	20 50			n.a.
F 18	23 50	24 14	3 16	22 21	0 41	17 1	2 32	10 47	2 49	2 50	0 36	6 11	1 37	15 28	0 53	0 9	2 1	39 34	15 33	23 46	23 44	20 48			n.a.
S 19	23 54	21 21	4 13	22 48	0 51	16 41	2 41	10 38	2 50	2 51	0 36	6 11	1 36	15 29	0 53	0 9	2 1	39 34	15 32	23 46	23 44	20 47			n.a.
S 20	23 57	17 9	4 53	23 14	1 1	16 21	2 50	10 30	2 50	2 52	0 35	6 11	1 36	15 29	0 53	0 9	2 1	39 33	15 32	23 46	23 43	20 45			n.a.
M21	24 0	12 2	5 14	23 38	1 10	16 2	3 0	10 22	2 51	2 54	0 35	6 11	1 36	15 29	0 53	0 9	2 1	39 33	15 32	23 46	23 43	20 43			n.a.
T 22	24 2	6 22	5 16	24 1	1 18	15 42	3 9	10 14	2 51	2 55	0 35	6 11	1 36	15 30	0 53	0 10	2 1	39 33	15 32	23 46	23 43	20 42			n.a.
W23	24 4	0 31	4 59	24 22	1 25	15 22	3 19	10 6	2 52	2 56	0 35	6 11	1 35	15 30	0 53	0 10	2 1	39 33	15 32	23 46	23 43	20 40			n.a.
T 24	24 5	5n15	4 26	24 42	1 31	15 3	3 29	9 58	2 52	2 58	0 34	6 11	1 35	15 31	0 54	0 10	2 1	39 33	15 32	23 46	23 42	20 39			n.a.
F 25	24 6	10 41	3 40	24 59	1 36	14 43	3 39	9 51	2 52	2 59	0 34	6 11	1 35	15 31	0 54	0 10	2 2	39 33	15 32	23 46	23 42	20 37			n.a.
S 26	24 7	15 33	2 43	25 14	1 41	14 24	3 49	9 43	2 53	3 1	0 34	6 11	1 35	15 31	0 54	0 10	2 2	39 33	15 32	23 46	23 42	20 35			n.a.
S 27	24 7	19 38	1 38	25 27	1 44	14 4	3 59	9 36	2 53	3 3	0 34	6 11	1 35	15 32	0 54	0 11	2 2	39 33	15 32	23 46	23 42	20 34			n.a.
M28	24 6	22 45	0 30	25 38	1 47	13 45	4 10	9 29	2 54	3 4	0 33	6 12	1 34	15 32	0 54	0 11	2 2	39 33	15 32	23 46	23 41	20 32			n.a.
T 29	24 6	24 43	0n38	25 46	1 49	13 26	4 20	9 22	2 54	3 6	0 33	6 12	1 34	15 33	0 54	0 11	2 2	39 32	15 32	23 46	23 41	20 30			n.a.
W30	24 4	25 29	1 44	25 52	1 51	13 8	4 30	9 16	2 54	3 8	0 33	6 12	1 34	15 33	0 54	0 11	2 2	39 32	15 32	23 46	23 41	20 29			n.a.
T 31	24n 2	25n 1	2n44	25n56	1n51	12n49	4s41	9s 9	2s55	3s10	0n33	6s13	1n34	15s34	0s54	0n11	2s 2	39n32	15n32	23n46	23n41	20n27			n.a.

Julian Day Number = 188650.5, Delta T = 32h32m12s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'26, Lahiri = -61°36'25 Julian Calendar 1 July 4197 BCE == Greg. Calendar 29 May 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

AUGUST 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 29 41	5♋17'19	3♌33	28♊55	13♌45	14♓14	9♎ 4	19♎ 1	21°R32	5♈ 0	5♋10	20°R26	19♊20	16♌35	n.a.	F 1
S 2	18 33 37	6°16'48	15°25	0♋43	14°10	14°30	9° 9	19° 1	21♒30	5° 1	5°12	20♊24	19°16	16°41	n.a.	S 2
S 3	18 37 34	7°16'20	27°15	2°31	14°34	14°45	9°14	19° 2	21°29	5° 1	5°14	20°21	19°13	16°48	n.a.	S 3
M 4	18 41 30	8°15'53	9♍ 6	4°19	14°57	14°59	9°19	19° 3	21°27	5° 1	5°17	20°19	19°10	16°55	n.a.	M 4
T 5	18 45 27	9°15'28	21° 2	6° 6	15°17	15°13	9°24	19° 4	21°25	5° 1	5°19	20°17	19° 7	17° 2	n.a.	T 5
W 6	18 49 23	10°15'05	3♎ 8	7°52	15°36	15°27	9°29	19° 5	21°24	5° 1	5°21	20°16	19° 4	17° 8	n.a.	W 6
T 7	18 53 20	11°14'44	15°27	9°37	15°52	15°39	9°35	19° 6	21°22	5° 2	5°23	20°D16	19° 0	17°15	n.a.	T 7
F 8	18 57 16	12°14'26	28° 5	11°22	16° 7	15°51	9°40	19° 7	21°20	5° 2	5°26	20°17	18°57	17°22	n.a.	F 8
S 9	19 1 13	13°14'09	11♏ 4	13° 6	16°19	16° 3	9°46	19° 8	21°18	5° 2	5°28	20°18	18°54	17°28	n.a.	S 9
S 10	19 5 10	14°13'54	24°30	14°50	16°30	16°13	9°52	19°10	21°17	5° 2	5°30	20°20	18°51	17°35	n.a.	S 10
M11	19 9 6	15°13'41	8♐22	16°33	16°38	16°23	9°58	19°11	21°15	5°R 2	5°32	20°21	18°48	17°42	n.a.	M11
T 12	19 13 3	16°13'31	22°41	18°15	16°44	16°33	10° 4	19°13	21°13	5° 2	5°35	20°R21	18°45	17°48	n.a.	T 12
W13	19 16 59	17°13'22	7♑23	19°56	16°48	16°41	10°11	19°14	21°11	5° 2	5°37	20°20	18°41	17°55	n.a.	W13
T 14	19 20 56	18°13'16	22°22	21°37	16°R49	16°49	10°18	19°16	21° 9	5° 2	5°39	20°18	18°38	18° 2	n.a.	T 14
F 15	19 24 52	19°13'12	7♒29	23°17	16°48	16°56	10°24	19°18	21° 7	5° 1	5°41	20°15	18°35	18° 9	n.a.	F 15
S 16	19 28 49	20°13'10	22°36	24°56	16°45	17° 3	10°31	19°20	21° 5	5° 1	5°44	20°10	18°32	18°15	n.a.	S 16
S 17	19 32 45	21°13'10	7♓32	26°35	16°39	17° 8	10°38	19°22	21° 3	5° 1	5°46	20° 6	18°29	18°22	n.a.	S 17
M18	19 36 42	22°13'13	22°10	28°13	16°31	17°13	10°45	19°24	21° 1	5° 1	5°48	20° 2	18°26	18°29	n.a.	M18
T 19	19 40 38	23°13'18	6♈25	29°51	16°20	17°17	10°53	19°27	20°59	5° 1	5°50	19°59	18°22	18°35	n.a.	T 19
W20	19 44 35	24°13'26	20°15	1♌27	16° 7	17°21	11° 0	19°29	20°57	5° 0	5°52	19°D58	18°19	18°42	n.a.	W20
T 21	19 48 31	25°13'36	3♉41	3° 4	15°52	17°23	11° 8	19°31	20°54	5° 0	5°55	19°58	18°16	18°49	n.a.	T 21
F 22	19 52 28	26°13'48	16°45	4°39	15°34	17°25	11°16	19°34	20°52	5° 0	5°57	20° 0	18°13	18°56	n.a.	F 22
S 23	19 56 24	27°14'03	29°30	6°15	15°14	17°R25	11°24	19°37	20°50	4°59	5°59	20° 1	18°10	19° 2	n.a.	S 23
S 24	20 0 21	28°14'20	11♊59	7°49	14°52	17°25	11°32	19°39	20°48	4°59	6° 1	20° 3	18° 6	19° 9	n.a.	S 24
M25	20 4 18	29°14'40	24°16	9°23	14°28	17°25	11°40	19°42	20°45	4°58	6° 3	20°R 3	18° 3	19°16	n.a.	M25
T 26	20 8 14	0♌15'01	6♋23	10°57	14° 1	17°23	11°48	19°45	20°43	4°58	6° 5	20° 1	18° 0	19°22	n.a.	T 26
W27	20 12 11	1°15'25	18°24	12°30	13°33	17°20	11°57	19°48	20°41	4°57	6° 8	19°58	17°57	19°29	n.a.	W27
T 28	20 16 7	2°15'51	0♌19	14° 2	13° 4	17°17	12° 6	19°51	20°38	4°57	6°10	19°52	17°54	19°36	n.a.	T 28
F 29	20 20 4	3°16'18	12°12	15°35	12°32	17°12	12°14	19°54	20°36	4°56	6°12	19°45	17°51	19°42	n.a.	F 29
S 30	20 24 0	4°16'48	24° 3	17° 6	12° 0	17° 7	12°23	19°58	20°34	4°55	6°14	19°36	17°47	19°49	n.a.	S 30
S 31	20 27 57	5♌17'19	5♍53	18♌37	11♌26	17♓ 1	12♎32	20♎ 1	20♒31	4♈55	6♋16	19♊27	17♊44	19♌56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	24n 0	23n24	3n36	25n58	1n52	12n31	4s52	9s 3	2s55	3s12	0n32	6s13	1n33	15s34	0s54	0n11	2s 2	39n32	15n32	23n46	23n40	20n25		n.a.
S 2	23 58	20 46	4 19	25 58	1 51	12 14	5 2	8 57	2 56	3 14	0 32	6 13	1 33	15 35	0 54	0 11	2 2	39 32	15 32	23 45	23 40	20 24		n.a.
S 3	23 54	17 17	4 50	25 56	1 50	11 56	5 13	8 52	2 56	3 16	0 32	6 14	1 33	15 35	0 54	0 11	2 2	39 32	15 33	23 45	23 40	20 22		n.a.
M 4	23 51	13 8	5 9	25 51	1 49	11 39	5 24	8 46	2 56	3 19	0 32	6 14	1 33	15 36	0 54	0 11	2 2	39 32	15 33	23 45	23 40	20 20		n.a.
T 5	23 47	8 27	5 15	25 45	1 47	11 23	5 35	8 41	2 56	3 21	0 31	6 15	1 32	15 37	0 54	0 11	2 2	39 32	15 33	23 45	23 39	20 19		n.a.
W 6	23 42	3 24	5 7	25 37	1 45	11 7	5 46	8 36	2 57	3 23	0 31	6 16	1 32	15 37	0 54	0 11	2 2	39 32	15 33	23 45	23 39	20 17		n.a.
T 7	23 37	1s53	4 45	25 27	1 42	10 52	5 56	8 31	2 57	3 26	0 31	6 16	1 32	15 38	0 54	0 11	2 2	39 32	15 33	23 45	23 39	20 15		n.a.
F 8	23 32	7 13	4 9	25 15	1 39	10 37	6 7	8 26	2 57	3 28	0 31	6 17	1 32	15 38	0 54	0 11	2 2	39 32	15 33	23 45	23 39	20 14		n.a.
S 9	23 26	12 25	3 20	25 2	1 35	10 23	6 18	8 22	2 57	3 31	0 30	6 18	1 32	15 39	0 54	0 11	2 2	39 32	15 33	23 45	23 38	20 12		n.a.
S 10	23 20	17 13	2 17	24 47	1 32	10 10	6 29	8 18	2 58	3 33	0 30	6 18	1 31	15 40	0 54	0 11	2 3	39 32	15 33	23 45	23 38	20 10		n.a.
M11	23 13	21 15	1 5	24 30	1 27	9 58	6 39	8 14	2 58	3 36	0 30	6 19	1 31	15 40	0 54	0 11	2 3	39 32	15 33	23 45	23 38	20 9		n.a.
T 12	23 6	24 7	0s13	24 12	1 23	9 46	6 50	8 10	2 58	3 39	0 30	6 20	1 31	15 41	0 54	0 11	2 3	39 32	15 33	23 45	23 37	20 7		n.a.
W13	22 58	25 26	1 32	23 53	1 18	9 35	7 0	8 7	2 58	3 42	0 30	6 21	1 31	15 42	0 54	0 11	2 3	39 32	15 34	23 45	23 37	20 5		n.a.
T 14	22 50	24 56	2 47	23 32	1 14	9 25	7 10	8 4	2 58	3 44	0 29	6 22	1 30	15 42	0 54	0 11	2 3	39 32	15 34	23 45	23 37	20 3		n.a.
F 15	22 42	22 37	3 50	23 10	1 9	9 16	7 20	8 1	2 58	3 47	0 29	6 23	1 30	15 43	0 54	0 11	2 3	39 32	15 34	23 45	23 37	20 2		n.a.
S 16	22 33	18 43	4 37	22 47	1 3	9 8	7 29	7 59	2 58	3 50	0 29	6 24	1 30	15 44	0 54	0 11	2 3	39 32	15 34	23 44	23 36	20 0		n.a.
S 17	22 23	13 40	5 5	22 23	0 58	9 1	7 38	7 56	2 58	3 53	0 29	6 25	1 30	15 44	0 54	0 11	2 3	39 32	15 34	23 44	23 36	19 58		n.a.
M18	22 13	7 57	5 12	21 57	0 52	8 55	7 47	7 54	2 58	3 56	0 28	6 26	1 30	15 45	0 54	0 10	2 3	39 32	15 34	23 44	23 36	19 56		n.a.
T 19	22 3	1 57	5 0	21 31	0 46	8 50	7 56	7 53	2 58	4 0	0 28	6 27	1 29	15 46	0 54	0 10	2 3	39 33	15 35	23 44	23 35	19 55		n.a.
W20	21 52	3n59	4 30	21 3	0 40	8 46	8 4	7 51	2 58	4 3	0 28	6 28	1 29	15 46	0 54	0 10	2 3	39 33	15 35	23 44	23 35	19 53		n.a.
T 21	21 41	9 34	3 46	20 35	0 34	8 43	8 11	7 50	2 58	4 6	0 28	6 29	1 29	15 47	0 54	0 10	2 3	39 33	15 35	23 44	23 35	19 51		n.a.
F 22	21 30	14 35	2 51	20 6	0 28	8 42	8 18	7 49	2 58	4 9	0 28	6 30	1 29	15 48	0 54	0 10	2 3	39 33	15 35	23 44	23 35	19 49		n.a.
S 23	21 18	18 50	1 50	19 36	0 22	8 42	8 24	7 49	2 58	4 13	0 27	6 31	1 28	15 49	0 54	0 9	2 3	39 33	15 35	23 44	23 34	19 48		n.a.
S 24	21 6	22 9	0 44	19 5	0 16	8 43	8 30	7 49	2 57	4 16	0 27	6 33	1 28	15 49	0 54	0 9	2 3	39 33	15 36	23 44	23 34	19 46		n.a.
M25	20 53	24 22	0n23	18 33	0 9	8 45	8 35	7 49	2 57	4 20	0 27	6 34	1 28	15 50	0 54	0 9	2 3	39 33	15 36	23 44	23 34	19 44		n.a.
T 26	20 40	25 25	1 28	18 1	0 3	8 48	8 39	7 49	2 57	4 23	0 27	6 35	1 28	15 51	0 54	0 9	2 4	39 33	15 36	23 44	23 33	19 42		n.a.
W27	20 26	25 15	2 28	17 28	0s 4	8 53	8 43	7 50	2 56	4 27	0 26	6 37	1 28	15 52	0 54	0 8	2 4	39 33	15 36	23 44	23 33	19 40		n.a.
T 28	20 13	23 55	3 21	16 55	0 11	8 59	8 45	7 51	2 56	4 31	0 26	6 38	1 27	15 53	0 54	0 8	2 4	39 34	15 37	23 43	23 33	19 39		n.a.
F 29	19 58	21 31	4 4	16 21	0 17	9 6	8 47	7 52	2 56	4 34	0 26	6 39	1 27	15 53	0 54	0 8	2 4	39 34	15 37	23 42	23 33	19 37		n.a.
S 30	19 44	18 13	4 37	15 46	0 24	9 14	8 48	7 54	2 55	4 38	0 26	6 41	1 27	15 54	0 54	0 8	2 4	39 34	15 37	23 42	23 32	19 35		n.a.
S 31	19n29	14n13	4n59	15n11	0s31	9n24	8s48	7s56	2s55	4s42	0n26	6s42	1n27	15s55	0s54	0n 7	2s 4	39n34	15n38	23n41	23n32	19n33		n.a.

Julian Day Number = 188681.5, Delta T = 32h32m09s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'22, Lahiri = -61°36'21 Julian Calendar 1 Aug. 4197 BCE == Greg. Calendar 29 June 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

SEPTEMBER 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 31 53	6♌17'52	17♍46	20♌ 8	10°R51	16°R54	12♎41	20♎ 4	20°R29	4°R54	6♋18	19°R18	17♊41	20♌ 3	n.a.	M 1
T 2	20 35 50	7°18'27	29°44	21°38	10♌15	16♓46	12°51	20° 8	20♒27	4♈53	6°20	19♊10	17°38	20° 9	n.a.	T 2
W 3	20 39 46	8°19'03	11♎49	23° 8	9°39	16°37	13° 0	20°12	20°24	4°53	6°22	19° 4	17°35	20°16	n.a.	W 3
T 4	20 43 43	9°19'41	24° 5	24°37	9° 3	16°28	13°10	20°15	20°22	4°52	6°24	19° 1	17°32	20°23	n.a.	T 4
F 5	20 47 39	10°20'21	6♏37	26° 6	8°27	16°17	13°19	20°19	20°19	4°51	6°26	18°D59	17°28	20°29	n.a.	F 5
S 6	20 51 36	11°21'02	19°29	27°34	7°51	16° 6	13°29	20°23	20°17	4°50	6°28	19° 0	17°25	20°36	n.a.	S 6
S 7	20 55 33	12°21'44	2♐44	29° 2	7°15	15°54	13°39	20°27	20°14	4°49	6°30	19° 1	17°22	20°43	n.a.	S 7
M 8	20 59 29	13°22'28	16°27	0♑29	6°41	15°41	13°49	20°31	20°12	4°48	6°32	19°R 1	17°19	20°50	n.a.	M 8
T 9	21 3 26	14°23'14	0♑38	1°55	6° 7	15°27	13°59	20°35	20° 9	4°47	6°34	19° 1	17°16	20°56	n.a.	T 9
W10	21 7 22	15°24'01	15°17	3°21	5°34	15°13	14° 9	20°39	20° 7	4°46	6°36	18°58	17°12	21° 3	n.a.	W10
T 11	21 11 19	16°24'49	0♒19	4°46	5° 3	14°58	14°20	20°44	20° 4	4°45	6°37	18°53	17° 9	21°10	n.a.	T 11
F 12	21 15 15	17°25'39	15°36	6°10	4°34	14°42	14°30	20°48	20° 2	4°44	6°39	18°45	17° 6	21°16	n.a.	F 12
S 13	21 19 12	18°26'30	0♓57	7°34	4° 6	14°25	14°41	20°52	19°59	4°43	6°41	18°36	17° 3	21°23	n.a.	S 13
S 14	21 23 8	19°27'23	16°12	8°57	3°40	14° 7	14°51	20°57	19°57	4°42	6°43	18°27	17° 0	21°30	n.a.	S 14
M15	21 27 5	20°28'17	1♈ 8	10°18	3°16	13°49	15° 2	21° 2	19°54	4°41	6°45	18°18	16°57	21°37	n.a.	M15
T 16	21 31 1	21°29'13	15°39	11°39	2°55	13°30	15°13	21° 6	19°52	4°40	6°47	18°11	16°53	21°43	n.a.	T 16
W17	21 34 58	22°30'11	29°40	12°58	2°36	13°11	15°24	21°11	19°49	4°39	6°48	18° 6	16°50	21°50	n.a.	W17
T 18	21 38 55	23°31'11	13♉12	14°15	2°19	12°51	15°35	21°16	19°47	4°38	6°50	18° 4	16°47	21°57	n.a.	T 18
F 19	21 42 51	24°32'12	26°17	15°31	2° 4	12°30	15°46	21°21	19°44	4°36	6°52	18°D 3	16°44	22° 3	n.a.	F 19
S 20	21 46 48	25°33'15	8♊58	16°45	1°52	12° 9	15°57	21°26	19°42	4°35	6°53	18° 4	16°41	22°10	n.a.	S 20
S 21	21 50 44	26°34'20	21°20	17°57	1°43	11°48	16° 9	21°31	19°39	4°34	6°55	18°R 4	16°37	22°17	n.a.	S 21
M22	21 54 41	27°35'26	3♋28	19° 7	1°36	11°26	16°20	21°36	19°37	4°33	6°57	18° 3	16°34	22°24	n.a.	M22
T 23	21 58 37	28°36'33	15°27	20°14	1°31	11° 3	16°32	21°41	19°34	4°31	6°58	17°59	16°31	22°30	n.a.	T 23
W24	22 2 34	29°37'42	27°21	21°17	1°D29	10°41	16°43	21°46	19°32	4°30	7° 0	17°53	16°28	22°37	n.a.	W24
T 25	22 6 30	0♍38'52	9♌11	22°17	1°30	10°17	16°55	21°52	19°29	4°29	7° 1	17°43	16°25	22°44	n.a.	T 25
F 26	22 10 27	1°40'04	21° 2	23°13	1°33	9°54	17° 7	21°57	19°27	4°27	7° 3	17°31	16°22	22°50	n.a.	F 26
S 27	22 14 24	2°41'16	2♍54	24° 4	1°38	9°31	17°19	22° 2	19°25	4°26	7° 4	17°17	16°18	22°57	n.a.	S 27
S 28	22 18 20	3°42'29	14°49	24°50	1°45	9° 7	17°31	22° 8	19°22	4°25	7° 6	17° 2	16°15	23° 4	n.a.	S 28
M29	22 22 17	4°43'44	26°47	25°30	1°55	8°43	17°43	22°13	19°20	4°23	7° 7	16°48	16°12	23°11	n.a.	M29
T 30	22 26 13	5♍44'59	8♎52	26♍ 3	2♌ 7	8♓20	17♎55	22♎19	19♒17	4♈22	7♋ 9	16♊35	16♊ 9	23♌17	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n13	9n39	5n 7	14n36	0s37	9n34	8s47	7s58	2s54	4s46	0n25	6s44	1n27	15s56	0s55	0n 7	2s 4	39n34	15n38	23n40	23n32	19n31		n.a.
T 2	18 58	4 42	5 2	14 0	0 44	9 45	8 45	8 1	2 53	4 50	0 25	6 45	1 26	15 56	0 55	0 7	2 4	39 34	15 38	23 40	23 31	19 29		n.a.
W 3	18 42	0s28	4 43	13 24	0 51	9 58	8 41	8 4	2 53	4 54	0 25	6 47	1 26	15 57	0 55	0 6	2 4	39 35	15 38	23 39	23 31	19 28		n.a.
T 4	18 25	5 43	4 12	12 47	0 57	10 11	8 37	8 7	2 52	4 58	0 25	6 49	1 26	15 58	0 55	0 6	2 4	39 35	15 39	23 39	23 31	19 26		n.a.
F 5	18 9	10 51	3 28	12 11	1 4	10 25	8 33	8 10	2 51	5 2	0 25	6 50	1 26	15 59	0 55	0 5	2 4	39 35	15 39	23 39	23 30	19 24		n.a.
S 6	17 52	15 40	2 32	11 34	1 10	10 40	8 27	8 14	2 50	5 6	0 24	6 52	1 26	16 0	0 55	0 5	2 4	39 35	15 39	23 39	23 30	19 22		n.a.
S 7	17 34	19 53	1 26	10 57	1 17	10 56	8 20	8 18	2 49	5 10	0 24	6 54	1 25	16 1	0 55	0 5	2 4	39 35	15 40	23 39	23 30	19 20		n.a.
M 8	17 17	23 11	0 14	10 20	1 23	11 12	8 12	8 22	2 48	5 14	0 24	6 55	1 25	16 1	0 55	0 4	2 4	39 36	15 40	23 39	23 30	19 18		n.a.
T 9	16 59	25 9	1s 2	9 43	1 29	11 28	8 4	8 26	2 47	5 18	0 24	6 57	1 25	16 2	0 55	0 4	2 4	39 36	15 40	23 39	23 29	19 16		n.a.
W10	16 40	25 28	2 16	9 5	1 35	11 45	7 54	8 31	2 46	5 22	0 24	6 59	1 25	16 3	0 55	0 3	2 4	39 36	15 41	23 39	23 29	19 15		n.a.
T 11	16 22	23 56	3 22	8 28	1 41	12 2	7 44	8 36	2 45	5 27	0 23	7 1	1 25	16 4	0 55	0 3	2 4	39 36	15 41	23 38	23 29	19 13		n.a.
F 12	16 3	20 39	4 15	7 51	1 47	12 20	7 34	8 41	2 43	5 31	0 23	7 3	1 24	16 5	0 55	0 2	2 4	39 37	15 42	23 38	23 28	19 11		n.a.
S 13	15 44	15 56	4 50	7 14	1 52	12 37	7 22	8 47	2 42	5 35	0 23	7 5	1 24	16 5	0 55	0 2	2 4	39 37	15 42	23 37	23 28	19 9		n.a.
S 14	15 24	10 14	5 4	6 38	1 58	12 55	7 10	8 52	2 40	5 40	0 23	7 7	1 24	16 6	0 55	0 2	2 4	39 37	15 42	23 36	23 28	19 7		n.a.
M15	15 4	4 3	4 56	6 2	2 3	13 12	6 58	8 58	2 39	5 44	0 23	7 9	1 24	16 7	0 55	0 1	2 5	39 38	15 43	23 35	23 27	19 5		n.a.
T 16	14 44	2n12	4 30	5 26	2 8	13 29	6 45	9 4	2 37	5 49	0 23	7 10	1 24	16 8	0 55	0 1	2 5	39 38	15 43	23 34	23 27	19 3		n.a.
W17	14 24	8 8	3 48	4 51	2 12	13 47	6 32	9 10	2 36	5 53	0 22	7 12	1 23	16 9	0 55	0 0	2 5	39 38	15 43	23 34	23 27	19 1		n.a.
T 18	14 3	13 29	2 54	4 17	2 16	14 3	6 19	9 17	2 34	5 58	0 22	7 14	1 23	16 10	0 55	0s 0	2 5	39 38	15 44	23 34	23 26	18 59		n.a.
F 19	13 43	18 2	1 53	3 43	2 20	14 20	6 5	9 23	2 32	6 2	0 22	7 17	1 23	16 10	0 55	0 1	2 5	39 39	15 44	23 34	23 26	18 57		n.a.
S 20	13 22	21 37	0 48	3 11	2 24	14 36	5 51	9 30	2 30	6 7	0 22	7 19	1 23	16 11	0 55	0 2	2 5	39 39	15 45	23 34	23 26	18 55		n.a.
S 21	13 0	24 7	0n17	2 39	2 27	14 52	5 37	9 37	2 28	6 11	0 22	7 21	1 23	16 12	0 55	0 2	2 5	39 39	15 45	23 34	23 25	18 53		n.a.
M22	12 39	25 25	1 21	2 9	2 29	15 7	5 23	9 43	2 26	6 16	0 22	7 23	1 23	16 13	0 55	0 3	2 5	39 40	15 46	23 34	23 25	18 52		n.a.
T 23	12 17	25 30	2 20	1 40	2 31	15 22	5 9	9 50	2 24	6 21	0 21	7 25	1 22	16 14	0 55	0 3	2 5	39 40	15 46	23 33	23 25	18 50		n.a.
W24	11 55	24 25	3 12	1 14	2 32	15 36	4 55	9 57	2 22	6 26	0 21	7 27	1 22	16 14	0 54	0 4	2 5	39 40	15 46	23 33	23 24	18 48		n.a.
T 25	11 33	22 14	3 56	0 49	2 33	15 50	4 41	10 4	2 20	6 30	0 21	7 29	1 22	16 15	0 54	0 4	2 5	39 41	15 47	23 32	23 24	18 46		n.a.
F 26	11 11	19 7	4 29	0 26	2 33	16 3	4 27	10 11	2 18	6 35	0 21	7 32	1 22	16 16	0 54	0 5	2 5	39 41	15 47	23 31	23 24	18 44		n.a.
S 27	10 48	15 13	4 51	0 7	2 31	16 15	4 13	10 18	2 15	6 40	0 21	7 34	1 22	16 17	0 54	0 6	2 5	39 41	15 48	23 29	23 23	18 42		n.a.
S 28	10 26	10 43	5 0	0s10	2 29	16 27	3 59	10 25	2 13	6 45	0 21	7 36	1 21	16 17	0 54	0 6	2 5	39 42	15 48	23 28	23 23	18 40		n.a.
M29	10 3	5 48	4 55	0 23	2 26	16 38	3 45	10 32	2 11	6 50	0 20	7 38	1 21	16 18	0 54	0 7	2 5	39 42	15 49	23 26	23 23	18 38		n.a.
T 30	9n40	0n38	4n38	0s33	2s22	16n49	3s32	10s39	2s 8	6s55	0n20	7s41	1n21	16s19	0s54	0s 7	2s 5	39n43	15n49	23n25	23n22	18n36		n.a.

Julian Day Number = 188712.5, Delta T = 32h32m06s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'17, Lahiri = -61°36'17 Julian Calendar 1 Sept. 4197 BCE == Greg. Calendar 30 July 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

OCTOBER 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 30 10	6♍46'15	21♎ 3	26♍29	2♌22	7°R56	18♎ 7	22♎25	19°R15	4°R20	7♋10	16°R25	16♊ 6	23♌24	n.a.	W 1
T 2	22 34 6	7°47'32	3♏23	26°46	2°38	7♓32	18°19	22°30	19♒13	4♈19	7°11	16♊18	16° 3	23°31	n.a.	T 2
F 3	22 38 3	8°48'49	15°56	26°R54	2°56	7° 8	18°31	22°36	19°10	4°17	7°13	16°14	15°59	23°37	n.a.	F 3
S 4	22 41 59	9°50'07	28°44	26°51	3°16	6°45	18°44	22°42	19° 8	4°16	7°14	16°12	15°56	23°44	n.a.	S 4
S 5	22 45 56	10°51'25	11♐52	26°38	3°39	6°22	18°56	22°48	19° 6	4°14	7°15	16°12	15°53	23°51	n.a.	S 5
M 6	22 49 53	11°52'44	25°23	26°14	4° 3	5°59	19° 9	22°54	19° 3	4°13	7°17	16°11	15°50	23°58	n.a.	M 6
T 7	22 53 49	12°54'04	9♑20	25°39	4°29	5°36	19°22	23° 0	19° 1	4°11	7°18	16°10	15°47	24° 4	n.a.	T 7
W 8	22 57 46	13°55'23	23°43	24°52	4°56	5°14	19°34	23° 6	18°59	4°10	7°19	16° 7	15°43	24°11	n.a.	W 8
T 9	23 1 42	14°56'43	8♒31	23°54	5°25	4°52	19°47	23°12	18°57	4° 8	7°20	16° 0	15°40	24°18	n.a.	T 9
F 10	23 5 39	15°58'04	23°37	22°48	5°56	4°31	20° 0	23°18	18°55	4° 6	7°21	15°51	15°37	24°24	n.a.	F 10
S 11	23 9 35	16°59'24	8♓53	21°33	6°29	4°10	20°13	23°25	18°53	4° 5	7°22	15°40	15°34	24°31	n.a.	S 11
S 12	23 13 32	18° 0'45	24° 8	20°14	7° 3	3°49	20°26	23°31	18°50	4° 3	7°23	15°28	15°31	24°38	n.a.	S 12
M13	23 17 29	19° 2'07	9♈10	18°51	7°38	3°29	20°39	23°37	18°48	4° 2	7°24	15°16	15°28	24°45	n.a.	M13
T 14	23 21 25	20° 3'29	23°51	17°29	8°15	3°10	20°52	23°43	18°46	4° 0	7°25	15° 7	15°24	24°51	n.a.	T 14
W15	23 25 22	21° 4'51	8♉ 3	16° 9	8°53	2°51	21° 5	23°50	18°44	3°58	7°26	15° 0	15°21	24°58	n.a.	W15
T 16	23 29 18	22° 6'14	21°45	14°55	9°32	2°33	21°18	23°56	18°42	3°57	7°27	14°56	15°18	25° 5	n.a.	T 16
F 17	23 33 15	23° 7'38	4♊57	13°48	10°13	2°16	21°31	24° 3	18°40	3°55	7°28	14°54	15°15	25°11	n.a.	F 17
S 18	23 37 11	24° 9'02	17°43	12°51	10°55	1°59	21°44	24° 9	18°38	3°53	7°29	14°54	15°12	25°18	n.a.	S 18
S 19	23 41 8	25°10'27	0♋ 7	12° 3	11°38	1°43	21°58	24°16	18°36	3°52	7°30	14°54	15° 9	25°25	n.a.	S 19
M20	23 45 5	26°11'52	12°15	11°27	12°22	1°27	22°11	24°22	18°35	3°50	7°31	14°53	15° 5	25°32	n.a.	M20
T 21	23 49 1	27°13'18	24°13	11° 1	13° 7	1°13	22°24	24°29	18°33	3°48	7°31	14°50	15° 2	25°38	n.a.	T 21
W22	23 52 58	28°14'43	6♌ 4	10°45	13°53	0°59	22°38	24°36	18°31	3°46	7°32	14°44	14°59	25°45	n.a.	W22
T 23	23 56 54	29°16'09	17°53	10°D40	14°41	0°46	22°51	24°42	18°29	3°45	7°33	14°36	14°56	25°52	n.a.	T 23
F 24	0 0 51	0♎17'35	29°44	10°45	15°29	0°34	23° 5	24°49	18°28	3°43	7°33	14°24	14°53	25°58	n.a.	F 24
S 25	0 4 47	1°19'01	11♍39	10°58	16°18	0°22	23°18	24°56	18°26	3°41	7°34	14°11	14°49	26° 5	n.a.	S 25
S 26	0 8 44	2°20'27	23°40	11°20	17° 7	0°11	23°32	25° 3	18°24	3°40	7°35	13°57	14°46	26°12	n.a.	S 26
M27	0 12 41	3°21'53	5♎48	11°48	17°58	0° 2	23°46	25°10	18°23	3°38	7°35	13°43	14°43	26°19	n.a.	M27
T 28	0 16 37	4°23'18	18° 4	12°24	18°50	29♒53	23°59	25°16	18°21	3°36	7°36	13°30	14°40	26°25	n.a.	T 28
W29	0 20 34	5°24'43	0♏28	13° 5	19°42	29°44	24°13	25°23	18°20	3°35	7°36	13°20	14°37	26°32	n.a.	W29
T 30	0 24 30	6°26'08	13° 2	13°51	20°35	29°37	24°27	25°30	18°18	3°33	7°37	13°13	14°34	26°39	n.a.	T 30
F 31	0 28 27	7♎27'33	25♏47	14♍42	21♌28	29♒30	24♎41	25♎37	18♒17	3♈31	7♋37	13♊ 9	14♊30	26♌45	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	9n16	4s38	4n 8	0s38	2s16	16n59	3s18	10s46	2s 6	6s59	0n20	7s43	1n21	16s20	0s54	0s 8	2s 5	39n43	15n50	23n24	23n22	18n34			n.a.
T 2	8 53	9 47	3 25	0 39	2 9	17 8	3 5	10 53	2 3	7 4	0 20	7 45	1 21	16 20	0 54	0 9	2 5	39 43	15 50	23 23	23 22	18 32			n.a.
F 3	8 29	14 39	2 32	0 34	2 1	17 16	2 52	10 59	2 0	7 9	0 20	7 48	1 21	16 21	0 54	0 9	2 5	39 44	15 51	23 23	23 21	18 30			n.a.
S 4	8 6	18 58	1 31	0 24	1 50	17 24	2 40	11 6	1 58	7 14	0 20	7 50	1 21	16 22	0 54	0 10	2 5	39 44	15 51	23 23	23 21	18 28			n.a.
S 5	7 42	22 28	0 23	0 8	1 39	17 30	2 27	11 12	1 55	7 19	0 19	7 52	1 20	16 23	0 54	0 11	2 5	39 45	15 52	23 23	23 21	18 26			n.a.
M 6	7 18	24 50	0s48	0n15	1 25	17 36	2 15	11 18	1 52	7 24	0 19	7 55	1 20	16 23	0 54	0 11	2 5	39 45	15 52	23 23	23 20	18 24			n.a.
T 7	6 54	25 45	1 59	0 43	1 10	17 42	2 3	11 24	1 50	7 30	0 19	7 57	1 20	16 24	0 54	0 12	2 5	39 46	15 53	23 23	23 20	18 22			n.a.
W 8	6 30	24 59	3 4	1 17	0 53	17 46	1 51	11 30	1 47	7 35	0 19	8 0	1 20	16 25	0 54	0 12	2 5	39 46	15 53	23 22	23 20	18 20			n.a.
T 9	6 5	22 28	3 59	1 57	0 35	17 50	1 40	11 36	1 44	7 40	0 19	8 2	1 20	16 25	0 54	0 13	2 5	39 46	15 54	23 21	23 19	18 18			n.a.
F 10	5 41	18 23	4 38	2 42	0 15	17 53	1 29	11 41	1 41	7 45	0 19	8 4	1 20	16 26	0 54	0 14	2 5	39 47	15 54	23 20	23 19	18 16			n.a.
S 11	5 17	13 2	4 58	3 31	0n 5	17 56	1 18	11 47	1 38	7 50	0 18	8 7	1 20	16 27	0 54	0 14	2 5	39 47	15 55	23 19	23 19	18 14			n.a.
S 12	4 52	6 54	4 56	4 22	0 25	17 57	1 7	11 52	1 35	7 55	0 18	8 9	1 19	16 27	0 54	0 15	2 5	39 48	15 55	23 18	23 18	18 12			n.a.
M13	4 27	0 27	4 34	5 14	0 46	17 58	0 57	11 56	1 33	8 0	0 18	8 12	1 19	16 28	0 54	0 16	2 5	39 48	15 56	23 17	23 18	18 9			n.a.
T 14	4 3	5n53	3 55	6 5	1 5	17 58	0 47	12 1	1 30	8 5	0 18	8 15	1 19	16 29	0 54	0 17	2 5	39 49	15 56	23 16	23 18	18 7			n.a.
W15	3 38	11 44	3 1	6 54	1 24	17 57	0 37	12 5	1 27	8 11	0 18	8 17	1 19	16 29	0 54	0 17	2 5	39 49	15 57	23 15	23 17	18 5			n.a.
T 16	3 13	16 48	1 59	7 39	1 41	17 56	0 27	12 9	1 24	8 16	0 18	8 20	1 19	16 30	0 54	0 18	2 5	39 50	15 58	23 14	23 17	18 3			n.a.
F 17	2 48	20 52	0 52	8 19	1 56	17 53	0 18	12 13	1 21	8 21	0 18	8 22	1 19	16 30	0 54	0 19	2 5	39 50	15 58	23 14	23 16	18 1			n.a.
S 18	2 23	23 47	0n15	8 54	2 10	17 50	0 9	12 17	1 18	8 26	0 17	8 25	1 19	16 31	0 54	0 19	2 5	39 51	15 59	23 14	23 16	17 59			n.a.
S 19	1 58	25 27	1 20	9 23	2 21	17 47	0 0	12 20	1 15	8 31	0 17	8 27	1 18	16 32	0 54	0 20	2 5	39 51	15 59	23 14	23 16	17 57			n.a.
M20	1 33	25 51	2 19	9 46	2 30	17 42	0n 8	12 23	1 13	8 37	0 17	8 30	1 18	16 32	0 54	0 21	2 5	39 52	16 0	23 14	23 15	17 55			n.a.
T 21	1 8	25 1	3 12	10 3	2 37	17 37	0 16	12 26	1 10	8 42	0 17	8 33	1 18	16 33	0 54	0 21	2 5	39 52	16 0	23 14	23 15	17 53			n.a.
W22	0 43	23 5	3 56	10 14	2 43	17 31	0 24	12 28	1 7	8 47	0 17	8 35	1 18	16 33	0 54	0 22	2 5	39 53	16 1	23 13	23 15	17 51			n.a.
T 23	0 18	20 9	4 29	10 20	2 47	17 24	0 32	12 30	1 4	8 52	0 17	8 38	1 18	16 34	0 54	0 23	2 5	39 53	16 1	23 12	23 14	17 49			n.a.
F 24	0s 7	16 24	4 51	10 20	2 49	17 17	0 39	12 32	1 1	8 58	0 17	8 40	1 18	16 34	0 54	0 23	2 5	39 54	16 2	23 11	23 14	17 47			n.a.
S 25	0 32	11 59	5 0	10 16	2 50	17 8	0 47	12 34	0 59	9 3	0 16	8 43	1 18	16 35	0 54	0 24	2 5	39 54	16 3	23 9	23 14	17 44			n.a.
S 26	0 57	7 6	4 56	10 7	2 49	17 0	0 54	12 35	0 56	9 8	0 16	8 46	1 18	16 35	0 54	0 25	2 5	39 55	16 3	23 7	23 13	17 42			n.a.
M27	1 22	1 53	4 39	9 54	2 48	16 50	1 0	12 37	0 53	9 14	0 16	8 48	1 17	16 36	0 54	0 25	2 5	39 55	16 4	23 6	23 13	17 40			n.a.
T 28	1 47	3s28	4 8	9 38	2 46	16 40	1 7	12 37	0 51	9 19	0 16	8 51	1 17	16 36	0 54	0 26	2 5	39 56	16 4	23 4	23 12	17 38			n.a.
W29	2 13	8 45	3 26	9 19	2 43	16 29	1 13	12 38	0 48	9 24	0 16	8 54	1 17	16 37	0 54	0 27	2 5	39 56	16 5	23 3	23 12	17 36			n.a.
T 30	2 37	13 46	2 33	8 57	2 39	16 17	1 19	12 38	0 46	9 30	0 16	8 56	1 17	16 37	0 54	0 28	2 5	39 57	16 5	23 2	23 12	17 34			n.a.
F 31	3s 2	18s17	1n31	8n33	2n34	16n 5	1n25	12s38	0s43	9s35	0n16	8s59	1n17	16s38	0s54	0s28	2s 5	39n57	16n 6	23n 1	23n11	17n32			n.a.

Julian Day Number = 188742.5, Delta T = 32h32m02s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'13, Lahiri = -61°36'13 Julian Calendar 1 Oct. 4197 BCE == Greg. Calendar 29 Aug. 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

NOVEMBER 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 32 23	8♎28'56	8♐43	15♍37	22♌22	29°R25	24♎54	25♎44	18°R15	3°R29	7♋38	13°D 8	14♊27	26♌52	n.a.	S 1
S 2	0 36 20	9°30'20	21°55	16°36	23°17	29♒20	25° 8	25°51	18♒14	3♈28	7°38	13♊ 8	14°24	26°59	n.a.	S 2
M 3	0 40 17	10°31'42	5♑23	17°38	24°13	29°16	25°22	25°58	18°13	3°26	7°38	13°R 9	14°21	27° 6	n.a.	M 3
T 4	0 44 13	11°33'04	19°11	18°43	25° 9	29°13	25°36	26° 5	18°12	3°24	7°38	13° 9	14°18	27°12	n.a.	T 4
W 5	0 48 10	12°34'24	3♒18	19°51	26° 6	29°10	25°50	26°12	18°10	3°23	7°39	13° 7	14°14	27°19	n.a.	W 5
T 6	0 52 6	13°35'44	17°45	21° 1	27° 3	29° 8	26° 4	26°19	18° 9	3°21	7°39	13° 2	14°11	27°26	n.a.	T 6
F 7	0 56 3	14°37'03	2♓28	22°13	28° 1	29° 8	26°18	26°26	18° 8	3°19	7°39	12°56	14° 8	27°32	n.a.	F 7
S 8	1 0 0	15°38'21	17°21	23°27	28°59	29°D 7	26°32	26°33	18° 7	3°18	7°39	12°47	14° 5	27°39	n.a.	S 8
S 9	1 3 56	16°39'38	2♈17	24°42	29°58	29° 8	26°46	26°40	18° 6	3°16	7°39	12°38	14° 2	27°46	n.a.	S 9
M10	1 7 53	17°40'54	17° 5	25°59	0♍57	29°10	27° 0	26°48	18° 5	3°14	7°39	12°29	13°59	27°53	n.a.	M10
T 11	1 11 49	18°42'09	1♉38	27°18	1°57	29°12	27°14	26°55	18° 4	3°13	7°39	12°21	13°55	27°59	n.a.	T 11
W12	1 15 46	19°43'23	15°49	28°38	2°57	29°15	27°28	27° 2	18° 3	3°11	7°R39	12°16	13°52	28° 6	n.a.	W12
T 13	1 19 42	20°44'37	29°33	29°59	3°58	29°18	27°42	27° 9	18° 3	3° 9	7°39	12°13	13°49	28°13	n.a.	T 13
F 14	1 23 39	21°45'51	12♊51	1♎21	4°59	29°23	27°56	27°16	18° 2	3° 8	7°39	12°D12	13°46	28°19	n.a.	F 14
S 15	1 27 36	22°47'03	25°43	2°44	6° 1	29°28	28°10	27°23	18° 1	3° 6	7°39	12°13	13°43	28°26	n.a.	S 15
S 16	1 31 32	23°48'15	8♋14	4° 8	7° 3	29°33	28°24	27°31	18° 1	3° 5	7°39	12°14	13°40	28°33	n.a.	S 16
M17	1 35 29	24°49'26	20°27	5°32	8° 5	29°40	28°39	27°38	18° 0	3° 3	7°39	12°R15	13°36	28°40	n.a.	M17
T 18	1 39 25	25°50'36	2♌27	6°58	9° 7	29°47	28°53	27°45	17°59	3° 1	7°39	12°15	13°33	28°46	n.a.	T 18
W19	1 43 22	26°51'45	14°20	8°24	10°10	29°54	29° 7	27°52	17°59	3° 0	7°39	12°13	13°30	28°53	n.a.	W19
T 20	1 47 18	27°52'53	26°10	9°52	11°14	0♓ 3	29°21	27°59	17°58	2°58	7°38	12° 9	13°27	29° 0	n.a.	T 20
F 21	1 51 15	28°54'01	8♍ 3	11°20	12°17	0°12	29°35	28° 7	17°58	2°57	7°38	12° 3	13°24	29° 7	n.a.	F 21
S 22	1 55 12	29°55'07	20° 1	12°48	13°21	0°21	29°49	28°14	17°58	2°55	7°38	11°56	13°20	29°13	n.a.	S 22
S 23	1 59 8	0♏56'12	2♎ 8	14°18	14°25	0°31	0♏ 3	28°21	17°57	2°54	7°37	11°48	13°17	29°20	n.a.	S 23
M24	2 3 5	1°57'16	14°25	15°48	15°30	0°42	0°18	28°28	17°57	2°52	7°37	11°40	13°14	29°27	n.a.	M24
T 25	2 7 1	2°58'19	26°54	17°18	16°34	0°53	0°32	28°35	17°57	2°51	7°36	11°33	13°11	29°33	n.a.	T 25
W26	2 10 58	3°59'20	9♏36	18°50	17°39	1° 5	0°46	28°42	17°57	2°50	7°36	11°28	13° 8	29°40	n.a.	W26
T 27	2 14 54	5° 0'20	22°30	20°22	18°45	1°18	1° 0	28°50	17°57	2°48	7°35	11°24	13° 5	29°47	n.a.	T 27
F 28	2 18 51	6° 1'18	5♐35	21°55	19°50	1°31	1°14	28°57	17°D57	2°47	7°35	11°D22	13° 1	29°54	n.a.	F 28
S 29	2 22 48	7° 2'15	18°52	23°28	20°56	1°44	1°28	29° 4	17°57	2°45	7°34	11°22	12°58	0♍ 0	n.a.	S 29
S 30	2 26 44	8♏ 3'11	2♑21	25♎ 3	22♍ 2	1♓58	1♏42	29♎11	17♒57	2♈44	7♋34	11♊24	12♊55	0♍ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s27	22 s 0	0n23	8n 6	2n29	15n52	1n31	12 s38	0 s41	9 s40	0n15	9 s 2	1n17	16 s38	0 s54	0 s29	2 s 5	39n58	16n 7	23n 1	23n11	17n30		n.a.
S 2	3 52	24 38	0 s47	7 38	2 24	15 39	1 36	12 37	0 38	9 46	0 15	9 4	1 17	16 38	0 53	0 30	2 5	39 59	16 7	23 1	23 11	17 27		n.a.
M 3	4 17	25 56	1 56	7 8	2 18	15 24	1 41	12 37	0 36	9 51	0 15	9 7	1 17	16 39	0 53	0 30	2 5	39 59	16 8	23 1	23 10	17 25		n.a.
T 4	4 42	25 40	3 0	6 36	2 12	15 10	1 46	12 36	0 33	9 56	0 15	9 10	1 17	16 39	0 53	0 31	2 5	40 0	16 8	23 1	23 10	17 23		n.a.
W 5	5 6	23 46	3 54	6 3	2 6	14 54	1 51	12 34	0 31	10 2	0 15	9 13	1 17	16 39	0 53	0 32	2 5	40 0	16 9	23 1	23 9	17 21		n.a.
T 6	5 31	20 18	4 36	5 28	1 59	14 38	1 55	12 33	0 29	10 7	0 15	9 15	1 16	16 40	0 53	0 32	2 5	40 1	16 9	23 0	23 9	17 19		n.a.
F 7	5 55	15 31	4 59	4 53	1 52	14 22	2 0	12 31	0 26	10 12	0 15	9 18	1 16	16 40	0 53	0 33	2 5	40 1	16 10	23 0	23 9	17 17		n.a.
S 8	6 19	9 46	5 3	4 16	1 45	14 5	2 4	12 29	0 24	10 18	0 15	9 21	1 16	16 40	0 53	0 34	2 5	40 2	16 11	22 58	23 8	17 14		n.a.
S 9	6 44	3 26	4 47	3 39	1 38	13 47	2 8	12 27	0 22	10 23	0 14	9 23	1 16	16 41	0 53	0 34	2 5	40 2	16 11	22 57	23 8	17 12		n.a.
M10	7 8	3n 2	4 11	3 1	1 31	13 29	2 11	12 24	0 20	10 28	0 14	9 26	1 16	16 41	0 53	0 35	2 5	40 3	16 12	22 56	23 7	17 10		n.a.
T 11	7 32	9 16	3 20	2 22	1 23	13 10	2 15	12 21	0 18	10 33	0 14	9 29	1 16	16 41	0 53	0 36	2 5	40 4	16 12	22 55	23 7	17 8		n.a.
W12	7 56	14 52	2 17	1 43	1 16	12 51	2 18	12 18	0 16	10 39	0 14	9 32	1 16	16 41	0 53	0 36	2 5	40 4	16 13	22 54	23 7	17 6		n.a.
T 13	8 19	19 32	1 7	1 3	1 9	12 31	2 21	12 15	0 14	10 44	0 14	9 34	1 16	16 41	0 53	0 37	2 5	40 5	16 13	22 54	23 6	17 3		n.a.
F 14	8 43	23 2	0n 3	0 23	1 1	12 10	2 24	12 12	0 12	10 49	0 14	9 37	1 16	16 42	0 53	0 37	2 5	40 5	16 14	22 54	23 6	17 1		n.a.
S 15	9 6	25 15	1 12	0 s18	0 54	11 50	2 27	12 8	0 10	10 55	0 14	9 40	1 16	16 42	0 53	0 38	2 5	40 6	16 15	22 54	23 6	16 59		n.a.
S 16	9 29	26 6	2 16	0 59	0 46	11 28	2 29	12 4	0 8	11 0	0 13	9 42	1 16	16 42	0 53	0 39	2 5	40 6	16 15	22 54	23 5	16 57		n.a.
M17	9 53	25 40	3 11	1 40	0 39	11 7	2 32	12 0	0 6	11 5	0 13	9 45	1 16	16 42	0 53	0 39	2 5	40 7	16 16	22 54	23 5	16 54		n.a.
T 18	10 16	24 1	3 57	2 22	0 32	10 44	2 34	11 56	0 4	11 11	0 13	9 48	1 15	16 42	0 53	0 40	2 5	40 8	16 16	22 54	23 4	16 52		n.a.
W19	10 38	21 20	4 33	3 3	0 24	10 22	2 36	11 52	0 2	11 16	0 13	9 51	1 15	16 42	0 53	0 41	2 5	40 8	16 17	22 54	23 4	16 50		n.a.
T 20	11 1	17 47	4 57	3 45	0 17	9 59	2 38	11 47	0 0	11 21	0 13	9 53	1 15	16 43	0 53	0 41	2 5	40 9	16 17	22 53	23 4	16 48		n.a.
F 21	11 23	13 31	5 8	4 27	0 10	9 35	2 40	11 42	0n 1	11 26	0 13	9 56	1 15	16 43	0 53	0 42	2 5	40 9	16 18	22 53	23 3	16 45		n.a.
S 22	11 45	8 43	5 5	5 9	0 3	9 12	2 41	11 37	0 3	11 32	0 13	9 59	1 15	16 43	0 53	0 42	2 5	40 10	16 18	22 52	23 3	16 43		n.a.
S 23	12 7	3 32	4 49	5 51	0 s 4	8 47	2 43	11 32	0 5	11 37	0 13	10 1	1 15	16 43	0 53	0 43	2 5	40 10	16 19	22 50	23 2	16 41		n.a.
M24	12 29	1 s52	4 20	6 33	0 11	8 23	2 44	11 26	0 6	11 42	0 13	10 4	1 15	16 43	0 53	0 43	2 5	40 11	16 20	22 49	23 2	16 39		n.a.
T 25	12 51	7 17	3 38	7 15	0 18	7 58	2 45	11 21	0 8	11 47	0 12	10 7	1 15	16 43	0 52	0 44	2 5	40 12	16 20	22 48	23 1	16 36		n.a.
W26	13 12	12 31	2 44	7 57	0 25	7 33	2 46	11 15	0 9	11 52	0 12	10 9	1 15	16 43	0 52	0 44	2 5	40 12	16 21	22 48	23 1	16 34		n.a.
T 27	13 33	17 17	1 41	8 39	0 31	7 7	2 47	11 9	0 11	11 58	0 12	10 12	1 15	16 43	0 52	0 45	2 5	40 13	16 21	22 47	23 1	16 32		n.a.
F 28	13 54	21 20	0 31	9 21	0 37	6 41	2 47	11 3	0 12	12 3	0 12	10 15	1 15	16 43	0 52	0 46	2 5	40 13	16 22	22 47	23 0	16 30		n.a.
S 29	14 15	24 19	0 s41	10 2	0 44	6 15	2 48	10 56	0 14	12 8	0 12	10 17	1 15	16 43	0 52	0 46	2 4	40 14	16 22	22 47	23 0	16 27		n.a.
S 30	14 s35	25 s58	1 s52	10 s44	0 s50	5n49	2n48	10 s50	0n15	12 s13	0n12	10 s20	1n15	16 s43	0 s52	0 s47	2 s 4	40n14	16n23	22n47	22n59	16n25		n.a.

Julian Day Number = 188773.5, Delta T = 32h31m59s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'09, Lahiri = -61°36'09 Julian Calendar 1 Nov. 4197 BCE == Greg. Calendar 29 Sept. 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4197 BCE
geocentric

DECEMBER 4197 BCE (-4196) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 30 41	9♏ 4'04	16♉ 1	26♎37	23♍ 8	2♓13	1♏56	29♎18	17♒57	2°R43	7°R33	11♊25	12♊52	0♍14	n.a.	M 1
T 2	2 34 37	10° 4'56	29°53	28°13	24°14	2°28	2°10	29°25	17°57	2♈42	7♋32	11°27	12°49	0°20	n.a.	T 2
W 3	2 38 34	11° 5'45	13♒56	29°49	25°21	2°43	2°25	29°32	17°57	2°40	7°32	11°R27	12°45	0°27	n.a.	W 3
T 4	2 42 30	12° 6'33	28° 9	1♏26	26°27	2°59	2°39	29°40	17°58	2°39	7°31	11°26	12°42	0°34	n.a.	T 4
F 5	2 46 27	13° 7'19	12♓31	3° 4	27°34	3°16	2°53	29°47	17°58	2°38	7°30	11°24	12°39	0°41	n.a.	F 5
S 6	2 50 24	14° 8'02	26°56	4°43	28°41	3°33	3° 7	29°54	17°58	2°37	7°29	11°20	12°36	0°47	n.a.	S 6
S 7	2 54 20	15° 8'44	11♈22	6°22	29°48	3°50	3°21	0♏ 1	17°59	2°35	7°29	11°16	12°33	0°54	n.a.	S 7
M 8	2 58 17	16° 9'24	25°42	8° 2	0♎56	4° 8	3°35	0° 8	17°59	2°34	7°28	11°12	12°30	1° 1	n.a.	M 8
T 9	3 2 13	17°10'02	9♉51	9°43	2° 3	4°26	3°49	0°15	18° 0	2°33	7°27	11° 9	12°26	1° 8	n.a.	T 9
W10	3 6 10	18°10'38	23°45	11°25	3°11	4°44	4° 3	0°22	18° 1	2°32	7°26	11° 7	12°23	1°14	n.a.	W10
T 11	3 10 6	19°11'12	7♊19	13° 8	4°19	5° 3	4°16	0°29	18° 1	2°31	7°25	11°D 6	12°20	1°21	n.a.	T 11
F 12	3 14 3	20°11'45	20°32	14°51	5°27	5°23	4°30	0°36	18° 2	2°30	7°24	11° 6	12°17	1°28	n.a.	F 12
S 13	3 18 0	21°12'16	3♋24	16°36	6°35	5°42	4°44	0°43	18° 3	2°29	7°23	11° 8	12°14	1°34	n.a.	S 13
S 14	3 21 56	22°12'45	15°57	18°21	7°43	6° 2	4°58	0°49	18° 3	2°28	7°22	11° 9	12°11	1°41	n.a.	S 14
M15	3 25 53	23°13'13	28°13	20° 7	8°52	6°23	5°12	0°56	18° 4	2°27	7°21	11°11	12° 7	1°48	n.a.	M15
T 16	3 29 49	24°13'39	10♌17	21°54	10° 0	6°44	5°26	1° 3	18° 5	2°26	7°20	11°12	12° 4	1°55	n.a.	T 16
W17	3 33 46	25°14'03	22°13	23°42	11° 9	7° 5	5°39	1°10	18° 6	2°25	7°19	11°R12	12° 1	2° 1	n.a.	W17
T 18	3 37 42	26°14'25	4♍ 5	25°31	12°18	7°26	5°53	1°17	18° 7	2°24	7°18	11°12	11°58	2° 8	n.a.	T 18
F 19	3 41 39	27°14'45	15°59	27°21	13°27	7°48	6° 7	1°23	18° 8	2°23	7°17	11°11	11°55	2°15	n.a.	F 19
S 20	3 45 36	28°15'04	27°59	29°11	14°36	8°10	6°20	1°30	18° 9	2°23	7°16	11°10	11°51	2°21	n.a.	S 20
S 21	3 49 32	29°15'21	10♎ 9	1♐ 3	15°45	8°32	6°34	1°37	18°11	2°22	7°14	11° 8	11°48	2°28	n.a.	S 21
M22	3 53 29	0♐15'36	22°32	2°55	16°54	8°55	6°48	1°43	18°12	2°21	7°13	11° 7	11°45	2°35	n.a.	M22
T 23	3 57 25	1°15'49	5♏11	4°48	18° 4	9°18	7° 1	1°50	18°13	2°20	7°12	11° 5	11°42	2°42	n.a.	T 23
W24	4 1 22	2°16'00	18° 7	6°41	19°13	9°42	7°15	1°57	18°14	2°20	7°11	11° 4	11°39	2°48	n.a.	W24
T 25	4 5 18	3°16'10	1♐20	8°35	20°22	10° 5	7°28	2° 3	18°16	2°19	7° 9	11° 4	11°36	2°55	n.a.	T 25
F 26	4 9 15	4°16'17	14°50	10°30	21°32	10°29	7°42	2°10	18°17	2°18	7° 8	11°D 3	11°32	3° 2	n.a.	F 26
S 27	4 13 11	5°16'22	28°34	12°24	22°42	10°53	7°55	2°16	18°19	2°18	7° 7	11° 4	11°29	3° 9	n.a.	S 27
S 28	4 17 8	6°16'25	12♑30	14°19	23°51	11°18	8° 8	2°22	18°20	2°17	7° 6	11° 4	11°26	3°15	n.a.	S 28
M29	4 21 5	7°16'25	26°34	16°14	25° 1	11°42	8°21	2°29	18°22	2°17	7° 4	11° 5	11°23	3°22	n.a.	M29
T 30	4 25 1	8°16'23	10♒45	18° 8	26°11	12° 7	8°35	2°35	18°23	2°16	7° 3	11° 5	11°20	3°29	n.a.	T 30
W31	4 28 58	9♐16'18	24♒58	20♐ 2	27♎21	12♓33	8♏48	2♏41	18♒25	2♈16	7♋ 1	11♊ 5	11♊17	3♍35	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	14s55	26s 4	2s58	11s25	0s55	5n22	2n48	10s43	0n17	12s18	0n12	10s23	1n15	16s42	0s52	0s47	2s 4	40n15	16n23	22n47	22n59	16n23			n.a.
T 2	15 15	24 34	3 54	12 5	1 1	4 55	2 48	10 36	0 18	12 23	0 12	10 25	1 15	16 42	0 52	0 47	2 4	40 15	16 24	22 47	22 59	16 20			n.a.
W 3	15 35	21 32	4 38	12 46	1 7	4 28	2 48	10 30	0 20	12 28	0 11	10 28	1 15	16 42	0 52	0 48	2 4	40 16	16 24	22 47	22 58	16 18			n.a.
T 4	15 54	17 11	5 5	13 25	1 12	4 0	2 48	10 22	0 21	12 33	0 11	10 30	1 15	16 42	0 52	0 48	2 4	40 17	16 25	22 47	22 58	16 16			n.a.
F 5	16 13	11 51	5 13	14 5	1 17	3 33	2 48	10 15	0 22	12 38	0 11	10 33	1 15	16 42	0 52	0 49	2 4	40 17	16 25	22 47	22 57	16 14			n.a.
S 6	16 32	5 50	5 1	14 44	1 22	3 5	2 47	10 8	0 23	12 43	0 11	10 36	1 14	16 42	0 52	0 49	2 4	40 18	16 26	22 47	22 57	16 11			n.a.
S 7	16 50	0n29	4 31	15 22	1 26	2 37	2 47	10 0	0 25	12 49	0 11	10 38	1 14	16 42	0 52	0 50	2 4	40 18	16 26	22 46	22 56	16 9			n.a.
M 8	17 8	6 45	3 44	16 0	1 30	2 9	2 46	9 52	0 26	12 53	0 11	10 41	1 14	16 41	0 52	0 50	2 4	40 19	16 27	22 45	22 56	16 7			n.a.
T 9	17 26	12 36	2 43	16 37	1 34	1 41	2 45	9 44	0 27	12 58	0 11	10 43	1 14	16 41	0 52	0 51	2 4	40 19	16 27	22 45	22 56	16 4			n.a.
W10	17 44	17 43	1 34	17 14	1 38	1 12	2 45	9 36	0 28	13 3	0 11	10 46	1 14	16 41	0 52	0 51	2 4	40 20	16 28	22 45	22 55	16 2			n.a.
T 11	18 1	21 48	0 21	17 49	1 41	0 44	2 44	9 28	0 29	13 8	0 10	10 48	1 14	16 41	0 52	0 51	2 4	40 20	16 28	22 45	22 55	16 0			n.a.
F 12	18 18	24 38	0n52	18 24	1 44	0 15	2 42	9 20	0 31	13 13	0 10	10 51	1 14	16 40	0 52	0 52	2 4	40 21	16 29	22 45	22 54	15 57			n.a.
S 13	18 34	26 4	2 0	18 58	1 47	0s14	2 41	9 11	0 32	13 18	0 10	10 53	1 14	16 40	0 52	0 52	2 4	40 21	16 29	22 45	22 54	15 55			n.a.
S 14	18 50	26 7	3 0	19 31	1 49	0 43	2 40	9 3	0 33	13 23	0 10	10 56	1 14	16 40	0 52	0 52	2 4	40 22	16 29	22 45	22 54	15 53			n.a.
M15	19 6	24 52	3 51	20 3	1 51	1 12	2 38	8 54	0 34	13 28	0 10	10 58	1 14	16 40	0 52	0 53	2 4	40 22	16 30	22 45	22 53	15 50			n.a.
T 16	19 21	22 30	4 31	20 34	1 53	1 41	2 37	8 45	0 35	13 33	0 10	11 1	1 14	16 39	0 51	0 53	2 3	40 23	16 30	22 45	22 53	15 48			n.a.
W17	19 37	19 11	4 59	21 3	1 54	2 10	2 35	8 36	0 36	13 38	0 10	11 3	1 14	16 39	0 51	0 53	2 3	40 23	16 31	22 45	22 52	15 45			n.a.
T 18	19 51	15 7	5 13	21 32	1 54	2 39	2 34	8 27	0 37	13 42	0 10	11 6	1 14	16 38	0 51	0 54	2 3	40 24	16 31	22 45	22 52	15 43			n.a.
F 19	20 6	10 29	5 15	21 58	1 54	3 8	2 32	8 18	0 38	13 47	0 10	11 8	1 14	16 38	0 51	0 54	2 3	40 24	16 32	22 45	22 51	15 41			n.a.
S 20	20 20	5 25	5 2	22 24	1 54	3 37	2 30	8 9	0 39	13 52	0 9	11 10	1 14	16 38	0 51	0 54	2 3	40 25	16 32	22 45	22 51	15 38			n.a.
S 21	20 33	0 5	4 36	22 47	1 53	4 6	2 28	7 59	0 40	13 57	0 9	11 13	1 14	16 37	0 51	0 55	2 3	40 25	16 32	22 45	22 50	15 36			n.a.
M22	20 47	5s21	3 57	23 9	1 52	4 35	2 26	7 50	0 41	14 1	0 9	11 15	1 14	16 37	0 51	0 55	2 3	40 26	16 33	22 45	22 50	15 34			n.a.
T 23	21 0	10 42	3 6	23 29	1 50	5 4	2 24	7 40	0 42	14 6	0 9	11 18	1 14	16 36	0 51	0 55	2 3	40 26	16 33	22 44	22 50	15 31			n.a.
W24	21 12	15 44	2 4	23 48	1 47	5 33	2 21	7 30	0 42	14 11	0 9	11 20	1 14	16 36	0 51	0 55	2 3	40 27	16 34	22 44	22 49	15 29			n.a.
T 25	21 24	20 8	0 54	24 4	1 44	6 2	2 19	7 20	0 43	14 15	0 9	11 22	1 14	16 35	0 51	0 55	2 3	40 27	16 34	22 44	22 49	15 26			n.a.
F 26	21 36	23 34	0s21	24 18	1 40	6 31	2 17	7 10	0 44	14 20	0 9	11 25	1 14	16 35	0 51	0 56	2 3	40 28	16 34	22 44	22 48	15 24			n.a.
S 27	21 47	25 42	1 35	24 30	1 35	7 0	2 14	7 0	0 45	14 24	0 9	11 27	1 14	16 34	0 51	0 56	2 3	40 28	16 35	22 44	22 48	15 22			n.a.
S 28	21 58	26 15	2 46	24 39	1 30	7 29	2 12	6 50	0 46	14 29	0 8	11 29	1 14	16 34	0 51	0 56	2 3	40 28	16 35	22 44	22 47	15 19			n.a.
M29	22 8	25 8	3 46	24 46	1 24	7 57	2 9	6 39	0 47	14 33	0 8	11 31	1 14	16 33	0 51	0 56	2 3	40 29	16 35	22 44	22 47	15 17			n.a.
T 30	22 18	22 24	4 34	24 51	1 17	8 26	2 7	6 29	0 47	14 38	0 8	11 34	1 14	16 33	0 51	0 56	2 3	40 29	16 36	22 44	22 46	15 14			n.a.
W31	22s28	18s19	5s 5	24s53	1s10	8s54	2n 4	6s18	0n48	14s42	0n 8	11s36	1n14	16s32	0s51	0s56	2s 2	40n30	16n36	22n44	22n46	15n12			n.a.

Julian Day Number = 188803.5, Delta T = 32h31m56s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'05, Lahiri = -61°36'05 Julian Calendar 1 Dec. 4197 BCE == Greg. Calendar 29 Oct. 4197 BCE

The year -4196 astronomical counting style corresponds to year 4197 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

JANUARY 4196 BCE (-4195) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 32 54	10♐16'11	9♓11	21♐55	28♎31	12♓58	9♏ 1	2♏48	18♒27	2°R15	7°R 0	11°R 5	11♊13	3♍42	n.a.	T 1
F 2	4 36 51	11°16'01	23°22	23°46	29°41	13°24	9°14	2°54	18°28	2♈15	6♋59	11°D 5	11°10	3°49	n.a.	F 2
S 3	4 40 47	12°15'48	7♈28	25°36	0♏51	13°50	9°27	3° 0	18°30	2°14	6°57	11♊ 5	11° 7	3°56	n.a.	S 3
S 4	4 44 44	13°15'34	21°28	27°23	2° 1	14°16	9°40	3° 6	18°32	2°14	6°56	11° 5	11° 4	4° 2	n.a.	S 4
M 5	4 48 40	14°15'16	5♉18	29° 8	3°12	14°42	9°53	3°12	18°34	2°14	6°54	11° 6	11° 1	4° 9	n.a.	M 5
T 6	4 52 37	15°14'56	18°58	0♊50	4°22	15° 9	10° 6	3°18	18°36	2°13	6°53	11° 6	10°57	4°16	n.a.	T 6
W 7	4 56 33	16°14'34	2♊25	2°29	5°32	15°35	10°18	3°24	18°38	2°13	6°51	11° 6	10°54	4°23	n.a.	W 7
T 8	5 0 30	17°14'10	15°38	4° 3	6°43	16° 2	10°31	3°30	18°40	2°13	6°50	11°R 6	10°51	4°29	n.a.	T 8
F 9	5 4 27	18°13'43	28°36	5°32	7°53	16°29	10°44	3°36	18°42	2°13	6°48	11° 6	10°48	4°36	n.a.	F 9
S 10	5 8 23	19°13'14	11♋19	6°57	9° 4	16°57	10°56	3°42	18°44	2°13	6°47	11° 5	10°45	4°43	n.a.	S 10
S 11	5 12 20	20°12'43	23°47	8°16	10°14	17°24	11° 9	3°47	18°46	2°13	6°45	11° 4	10°42	4°49	n.a.	S 11
M12	5 16 16	21°12'10	6♌ 2	9°29	11°25	17°52	11°21	3°53	18°48	2°13	6°44	11° 3	10°38	4°56	n.a.	M12
T 13	5 20 13	22°11'34	18° 6	10°35	12°35	18°20	11°34	3°59	18°50	2°12	6°42	11° 1	10°35	5° 3	n.a.	T 13
W14	5 24 9	23°10'56	0♍ 2	11°35	13°46	18°48	11°46	4° 4	18°53	2°D12	6°40	11° 0	10°32	5°10	n.a.	W14
T 15	5 28 6	24°10'17	11°56	12°27	14°57	19°16	11°58	4°10	18°55	2°12	6°39	10°59	10°29	5°16	n.a.	T 15
F 16	5 32 2	25° 9'35	23°49	13°12	16° 8	19°45	12°11	4°15	18°57	2°13	6°37	10°D58	10°26	5°23	n.a.	F 16
S 17	5 35 59	26° 8'51	5♎49	13°50	17°18	20°13	12°23	4°20	18°59	2°13	6°36	10°59	10°23	5°30	n.a.	S 17
S 18	5 39 55	27° 8'05	17°58	14°19	18°29	20°42	12°35	4°26	19° 2	2°13	6°34	11° 0	10°19	5°37	n.a.	S 18
M19	5 43 52	28° 7'17	0♏22	14°41	19°40	21°11	12°47	4°31	19° 4	2°13	6°32	11° 1	10°16	5°43	n.a.	M19
T 20	5 47 48	29° 6'27	13° 4	14°54	20°51	21°40	12°58	4°36	19° 7	2°13	6°31	11° 2	10°13	5°50	n.a.	T 20
W21	5 51 45	0♑ 5'36	26° 7	15°R 0	22° 2	22° 9	13°10	4°41	19° 9	2°13	6°29	11° 3	10°10	5°57	n.a.	W21
T 22	5 55 42	1° 4'41	9♐33	14°58	23°13	22°39	13°22	4°46	19°12	2°14	6°28	11°R 4	10° 7	6° 3	n.a.	T 22
F 23	5 59 38	2° 3'45	23°22	14°49	24°24	23° 8	13°34	4°51	19°14	2°14	6°26	11° 4	10° 3	6°10	n.a.	F 23
S 24	6 3 35	3° 2'47	7♑30	14°33	25°35	23°38	13°45	4°56	19°17	2°14	6°24	11° 2	10° 0	6°17	n.a.	S 24
S 25	6 7 31	4° 1'46	21°54	14°10	26°46	24° 8	13°57	5° 1	19°20	2°15	6°23	11° 0	9°57	6°24	n.a.	S 25
M26	6 11 28	5° 0'43	6♒28	13°41	27°58	24°38	14° 8	5° 6	19°22	2°15	6°21	10°56	9°54	6°30	n.a.	M26
T 27	6 15 24	5°59'38	21° 5	13° 7	29° 9	25° 8	14°19	5°10	19°25	2°15	6°19	10°53	9°51	6°37	n.a.	T 27
W28	6 19 21	6°58'29	5♓39	12°28	0♐20	25°38	14°30	5°15	19°28	2°16	6°18	10°50	9°48	6°44	n.a.	W28
T 29	6 23 17	7°57'19	20° 5	11°45	1°31	26° 8	14°42	5°20	19°30	2°16	6°16	10°48	9°44	6°51	n.a.	T 29
F 30	6 27 14	8°56'05	4♈19	11° 0	2°42	26°39	14°53	5°24	19°33	2°17	6°15	10°D47	9°41	6°57	n.a.	F 30
S 31	6 31 10	9♑54'50	18♈19	10♑12	3♐54	27♓10	15♏ 3	5♏28	19♒36	2♈18	6♋13	10♊47	9♊38	7♍ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	22s37	13s13	5s17	24s53	1s 1	9s22	2n 1	6s 8	0n49	14s47	0n 8	11s38	1n14	16s32	0s51	0s57	2s 2	40n30	16n36	22n44	22n46	15n 9			n.a.
F 2	22 46	7 25	5 10	24 50	0 52	9 50	1 58	5 57	0 50	14 51	0 8	11 40	1 14	16 31	0 51	0 57	2 2	40 30	16 37	22 44	22 45	15 7			n.a.
S 3	22 54	1 17	4 44	24 45	0 43	10 18	1 56	5 46	0 50	14 56	0 8	11 42	1 14	16 31	0 51	0 57	2 2	40 31	16 37	22 44	22 45	15 5			n.a.
S 4	23 2	4n53	4 2	24 37	0 32	10 45	1 53	5 35	0 51	15 0	0 8	11 44	1 14	16 30	0 51	0 57	2 2	40 31	16 37	22 44	22 44	15 2			n.a.
M 5	23 9	10 45	3 6	24 28	0 21	11 13	1 50	5 24	0 52	15 4	0 8	11 46	1 14	16 29	0 51	0 57	2 2	40 32	16 37	22 44	22 44	15 0			n.a.
T 6	23 16	16 2	2 0	24 16	0 9	11 40	1 47	5 13	0 52	15 8	0 7	11 49	1 14	16 29	0 51	0 57	2 2	40 32	16 38	22 44	22 43	14 57			n.a.
W 7	23 23	20 27	0 48	24 2	0n 4	12 7	1 44	5 1	0 53	15 13	0 7	11 51	1 14	16 28	0 51	0 57	2 2	40 32	16 38	22 45	22 43	14 55			n.a.
T 8	23 29	23 44	0n25	23 47	0 17	12 33	1 41	4 50	0 54	15 17	0 7	11 53	1 14	16 27	0 50	0 57	2 2	40 33	16 38	22 45	22 42	14 52			n.a.
F 9	23 35	25 42	1 35	23 30	0 30	13 0	1 38	4 39	0 54	15 21	0 7	11 55	1 14	16 27	0 50	0 57	2 2	40 33	16 38	22 44	22 42	14 50			n.a.
S 10	23 40	26 16	2 40	23 12	0 44	13 26	1 35	4 27	0 55	15 25	0 7	11 57	1 14	16 26	0 50	0 57	2 2	40 33	16 39	22 44	22 41	14 47			n.a.
S 11	23 44	25 29	3 35	22 53	0 59	13 52	1 31	4 16	0 56	15 29	0 7	11 59	1 14	16 25	0 50	0 57	2 2	40 34	16 39	22 44	22 41	14 45			n.a.
M12	23 49	23 28	4 19	22 33	1 13	14 17	1 28	4 4	0 56	15 33	0 7	12 1	1 14	16 24	0 50	0 57	2 2	40 34	16 39	22 44	22 40	14 42			n.a.
T 13	23 53	20 26	4 51	22 13	1 28	14 42	1 25	3 52	0 57	15 37	0 7	12 3	1 14	16 24	0 50	0 57	2 1	40 34	16 39	22 44	22 40	14 40			n.a.
W14	23 56	16 35	5 10	21 54	1 43	15 7	1 22	3 40	0 57	15 41	0 6	12 4	1 14	16 23	0 50	0 57	2 1	40 34	16 39	22 44	22 40	14 37			n.a.
T 15	23 59	12 7	5 16	21 34	1 57	15 32	1 19	3 29	0 58	15 45	0 6	12 6	1 14	16 22	0 50	0 57	2 1	40 35	16 40	22 43	22 39	14 35			n.a.
F 16	24 1	7 12	5 8	21 15	2 12	15 56	1 15	3 17	0 59	15 49	0 6	12 8	1 14	16 21	0 50	0 57	2 1	40 35	16 40	22 43	22 39	14 32			n.a.
S 17	24 3	2 0	4 47	20 58	2 26	16 20	1 12	3 5	0 59	15 53	0 6	12 10	1 14	16 21	0 50	0 56	2 1	40 35	16 40	22 43	22 38	14 30			n.a.
S 18	24 5	3s22	4 13	20 41	2 39	16 43	1 9	2 53	1 0	15 57	0 6	12 12	1 14	16 20	0 50	0 56	2 1	40 35	16 40	22 44	22 38	14 27			n.a.
M19	24 6	8 43	3 26	20 26	2 52	17 6	1 5	2 40	1 0	16 1	0 6	12 14	1 14	16 19	0 50	0 56	2 1	40 36	16 40	22 44	22 37	14 25			n.a.
T 20	24 7	13 51	2 28	20 12	3 5	17 29	1 2	2 28	1 1	16 5	0 6	12 15	1 14	16 18	0 50	0 56	2 1	40 36	16 40	22 44	22 37	14 22			n.a.
W21	24 7	18 31	1 21	20 0	3 16	17 51	0 59	2 16	1 1	16 9	0 6	12 17	1 14	16 17	0 50	0 56	2 1	40 36	16 40	22 44	22 36	14 20			n.a.
T 22	24 7	22 22	0 8	19 50	3 26	18 13	0 55	2 4	1 2	16 12	0 6	12 19	1 14	16 16	0 50	0 56	2 1	40 36	16 41	22 44	22 36	14 17			n.a.
F 23	24 6	25 4	1s 7	19 42	3 35	18 34	0 52	1 51	1 2	16 16	0 5	12 21	1 14	16 16	0 50	0 55	2 1	40 37	16 41	22 44	22 35	14 15			n.a.
S 24	24 5	26 14	2 20	19 36	3 43	18 55	0 49	1 39	1 3	16 20	0 5	12 22	1 14	16 15	0 50	0 55	2 1	40 37	16 41	22 44	22 35	14 12			n.a.
S 25	24 3	25 40	3 26	19 32	3 49	19 15	0 45	1 26	1 3	16 23	0 5	12 24	1 14	16 14	0 50	0 55	2 1	40 37	16 41	22 44	22 34	14 10			n.a.
M26	24 1	23 21	4 19	19 31	3 54	19 35	0 42	1 13	1 4	16 27	0 5	12 25	1 14	16 13	0 50	0 55	2 0	40 37	16 41	22 43	22 34	14 7			n.a.
T 27	23 58	19 31	4 55	19 31	3 57	19 54	0 39	1 1	1 4	16 31	0 5	12 27	1 14	16 12	0 50	0 55	2 0	40 37	16 41	22 43	22 33	14 5			n.a.
W28	23 55	14 30	5 12	19 33	3 59	20 13	0 35	0 48	1 4	16 34	0 5	12 29	1 14	16 11	0 50	0 54	2 0	40 37	16 41	22 42	22 33	14 2			n.a.
T 29	23 52	8 45	5 9	19 38	3 58	20 32	0 32	0 35	1 5	16 38	0 5	12 30	1 14	16 10	0 50	0 54	2 0	40 38	16 41	22 42	22 32	14 0			n.a.
F 30	23 48	2 37	4 47	19 44	3 56	20 49	0 29	0 22	1 5	16 41	0 5	12 32	1 14	16 9	0 50	0 54	2 0	40 38	16 41	22 42	22 32	13 57			n.a.
S 31	23s44	3n33	4s 9	19s51	3n52	21s 7	0n26	0s10	1n 6	16s44	0n 4	12s33	1n15	16s 8	0s50	0s53	2s 0	40n38	16n41	22n42	22n31	13n54			n.a.

Julian Day Number = 188834.5, Delta T = 32h31m53s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°43'01, Lahiri = -61°36'01 Julian Calendar 1 Jan. 4196 BCE == Greg. Calendar 29 Nov. 4197 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

FEBRUARY 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 35 7	10♉53'31	2♌ 3	9°R24	5♐ 5	27♓40	15♏14	5♏33	19♒39	2♈18	6°R11	10♊48	9♊35	7♍11	n.a.	S 1
M 2	6 39 3	11°52'10	15°33	8♉35	6°16	28°11	15°25	5°37	19°42	2°19	6♋10	10°49	9°32	7°17	n.a.	M 2
T 3	6 43 0	12°50'47	28°48	7°48	7°28	28°42	15°36	5°41	19°45	2°19	6° 8	10°51	9°29	7°24	n.a.	T 3
W 4	6 46 56	13°49'21	11♊51	7° 2	8°39	29°13	15°46	5°45	19°48	2°20	6° 6	10°R51	9°25	7°31	n.a.	W 4
T 5	6 50 53	14°47'54	24°41	6°19	9°50	29°45	15°56	5°49	19°51	2°21	6° 5	10°50	9°22	7°38	n.a.	T 5
F 6	6 54 50	15°46'23	7♋19	5°39	11° 2	0♈16	16° 7	5°53	19°54	2°22	6° 3	10°48	9°19	7°44	n.a.	F 6
S 7	6 58 46	16°44'51	19°47	5° 2	12°13	0°47	16°17	5°57	19°57	2°22	6° 2	10°44	9°16	7°51	n.a.	S 7
S 8	7 2 43	17°43'17	2♌ 5	4°30	13°25	1°19	16°27	6° 1	20° 0	2°23	6° 0	10°38	9°13	7°58	n.a.	S 8
M 9	7 6 39	18°41'40	14°13	4° 3	14°36	1°50	16°37	6° 5	20° 3	2°24	5°58	10°31	9° 9	8° 4	n.a.	M 9
T 10	7 10 36	19°40'01	26°14	3°40	15°48	2°22	16°47	6° 8	20° 6	2°25	5°57	10°24	9° 6	8°11	n.a.	T 10
W11	7 14 32	20°38'21	8♍10	3°23	16°59	2°54	16°57	6°12	20° 9	2°26	5°55	10°17	9° 3	8°18	n.a.	W11
T 12	7 18 29	21°36'38	20° 2	3°10	18°11	3°26	17° 6	6°15	20°12	2°27	5°54	10°11	9° 0	8°25	n.a.	T 12
F 13	7 22 25	22°34'54	1♎55	3° 3	19°22	3°58	17°16	6°19	20°15	2°28	5°52	10° 7	8°57	8°31	n.a.	F 13
S 14	7 26 22	23°33'08	13°53	3°D 1	20°34	4°30	17°25	6°22	20°18	2°29	5°50	10° 5	8°54	8°38	n.a.	S 14
S 15	7 30 18	24°31'20	26° 0	3° 5	21°46	5° 2	17°35	6°25	20°21	2°30	5°49	10°D 5	8°50	8°45	n.a.	S 15
M16	7 34 15	25°29'30	8♏21	3°13	22°57	5°35	17°44	6°28	20°25	2°31	5°47	10° 5	8°47	8°52	n.a.	M16
T 17	7 38 11	26°27'39	21° 1	3°26	24° 9	6° 7	17°53	6°31	20°28	2°32	5°46	10° 7	8°44	8°58	n.a.	T 17
W18	7 42 8	27°25'46	4♐ 4	3°44	25°21	6°39	18° 2	6°34	20°31	2°33	5°44	10°R 8	8°41	9° 5	n.a.	W18
T 19	7 46 4	28°23'51	17°32	4° 7	26°32	7°12	18°11	6°37	20°34	2°34	5°43	10° 8	8°38	9°12	n.a.	T 19
F 20	7 50 1	29°21'55	1♑29	4°33	27°44	7°45	18°19	6°40	20°38	2°36	5°41	10° 6	8°35	9°18	n.a.	F 20
S 21	7 53 58	0♒19'57	15°51	5° 5	28°56	8°17	18°28	6°42	20°41	2°37	5°40	10° 2	8°31	9°25	n.a.	S 21
S 22	7 57 54	1°17'57	0♒34	5°40	0♑ 8	8°50	18°36	6°45	20°44	2°38	5°39	9°56	8°28	9°32	n.a.	S 22
M23	8 1 51	2°15'55	15°31	6°19	1°20	9°23	18°45	6°47	20°48	2°39	5°37	9°48	8°25	9°39	n.a.	M23
T 24	8 5 47	3°13'51	0♓34	7° 2	2°31	9°56	18°53	6°50	20°51	2°41	5°36	9°40	8°22	9°45	n.a.	T 24
W25	8 9 44	4°11'45	15°32	7°48	3°43	10°29	19° 1	6°52	20°54	2°42	5°34	9°32	8°19	9°52	n.a.	W25
T 26	8 13 40	5° 9'37	0♈17	8°38	4°55	11° 3	19° 9	6°54	20°58	2°43	5°33	9°26	8°15	9°59	n.a.	T 26
F 27	8 17 37	6° 7'27	14°43	9°31	6° 7	11°36	19°17	6°56	21° 1	2°45	5°32	9°22	8°12	10° 6	n.a.	F 27
S 28	8 21 33	7♒ 5'15	28♈48	10♉28	7♉19	12♈ 9	19♏24	6♏58	21♒ 4	2♈46	5♋30	9♊20	8♊ 9	10♍12	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s39	9n28	3s16	20s 1	3n46	21s23	0n22	0n 3	1n 6	16s48	0n 4	12s34	1n15	16s 7	0s50	0s53	2s 0	40n38	16n41	22n42	22n31	13n52			n.a.
M 2	23 34	14 50	2 14	20 11	3 39	21 39	0 19	0 16	1 7	16 51	0 4	12 36	1 15	16 6	0 50	0 53	2 0	40 38	16 41	22 42	22 30	13 49			n.a.
T 3	23 28	19 24	1 5	20 23	3 30	21 55	0 16	0 29	1 7	16 54	0 4	12 37	1 15	16 5	0 50	0 52	2 0	40 38	16 41	22 42	22 30	13 47			n.a.
W 4	23 22	22 56	0n 5	20 36	3 20	22 10	0 13	0 42	1 7	16 58	0 4	12 39	1 15	16 5	0 50	0 52	2 0	40 38	16 41	22 42	22 29	13 44			n.a.
T 5	23 16	25 15	1 15	20 49	3 9	22 24	0 9	0 55	1 8	17 1	0 4	12 40	1 15	16 4	0 50	0 52	2 0	40 38	16 41	22 42	22 29	13 42			n.a.
F 6	23 9	26 13	2 19	21 3	2 57	22 38	0 6	1 9	1 8	17 4	0 4	12 41	1 15	16 3	0 50	0 51	2 0	40 38	16 41	22 42	22 28	13 39			n.a.
S 7	23 2	25 50	3 16	21 18	2 44	22 51	0 3	1 22	1 8	17 7	0 4	12 42	1 15	16 2	0 49	0 51	2 0	40 38	16 41	22 41	22 28	13 36			n.a.
S 8	22 54	24 11	4 3	21 33	2 30	23 3	0s 0	1 35	1 9	17 10	0 3	12 44	1 15	16 1	0 49	0 51	2 0	40 38	16 41	22 40	22 27	13 34			n.a.
M 9	22 46	21 26	4 38	21 48	2 15	23 15	0 3	1 48	1 9	17 13	0 3	12 45	1 15	16 0	0 49	0 50	1 59	40 38	16 41	22 39	22 27	13 31			n.a.
T 10	22 38	17 48	5 0	22 3	2 1	23 26	0 6	2 2	1 10	17 16	0 3	12 46	1 15	15 58	0 49	0 50	1 59	40 38	16 41	22 38	22 26	13 29			n.a.
W11	22 29	13 30	5 9	22 19	1 46	23 37	0 9	2 15	1 10	17 19	0 3	12 47	1 15	15 57	0 49	0 49	1 59	40 38	16 41	22 37	22 26	13 26			n.a.
T 12	22 19	8 42	5 5	22 34	1 31	23 47	0 12	2 28	1 10	17 22	0 3	12 48	1 15	15 56	0 49	0 49	1 59	40 38	16 41	22 36	22 25	13 23			n.a.
F 13	22 10	3 35	4 47	22 49	1 16	23 56	0 15	2 42	1 11	17 25	0 3	12 50	1 15	15 55	0 49	0 48	1 59	40 38	16 41	22 36	22 25	13 21			n.a.
S 14	22 0	1s41	4 17	23 4	1 1	24 4	0 18	2 55	1 11	17 28	0 3	12 51	1 15	15 54	0 49	0 48	1 59	40 38	16 40	22 36	22 24	13 18			n.a.
S 15	21 49	6 59	3 36	23 18	0 47	24 12	0 21	3 8	1 11	17 31	0 2	12 52	1 15	15 53	0 49	0 47	1 59	40 38	16 40	22 35	22 24	13 16			n.a.
M16	21 38	12 7	2 43	23 32	0 32	24 19	0 24	3 22	1 11	17 34	0 2	12 53	1 15	15 52	0 49	0 47	1 59	40 38	16 40	22 36	22 23	13 13			n.a.
T 17	21 27	16 53	1 41	23 46	0 18	24 26	0 27	3 35	1 12	17 36	0 2	12 54	1 15	15 51	0 49	0 46	1 59	40 38	16 40	22 36	22 23	13 10			n.a.
W18	21 16	21 1	0 33	23 59	0 5	24 31	0 29	3 49	1 12	17 39	0 2	12 55	1 15	15 50	0 49	0 46	1 59	40 38	16 40	22 36	22 22	13 8			n.a.
T 19	21 4	24 11	0s40	24 11	0s 8	24 36	0 32	4 2	1 12	17 42	0 2	12 55	1 15	15 49	0 49	0 45	1 59	40 38	16 40	22 36	22 22	13 5			n.a.
F 20	20 52	25 59	1 52	24 23	0 21	24 40	0 35	4 16	1 13	17 44	0 2	12 56	1 15	15 48	0 49	0 45	1 59	40 38	16 40	22 36	22 21	13 2			n.a.
S 21	20 39	26 7	3 0	24 34	0 33	24 44	0 37	4 29	1 13	17 47	0 2	12 57	1 15	15 47	0 49	0 44	1 59	40 38	16 39	22 35	22 21	13 0			n.a.
S 22	20 26	24 27	3 57	24 44	0 44	24 47	0 40	4 43	1 13	17 50	0 1	12 58	1 15	15 46	0 49	0 44	1 59	40 38	16 39	22 34	22 20	12 57			n.a.
M23	20 13	21 3	4 39	24 53	0 55	24 49	0 42	4 56	1 13	17 52	0 1	12 59	1 15	15 45	0 49	0 43	1 58	40 38	16 39	22 33	22 20	12 55			n.a.
T 24	19 59	16 16	5 2	25 1	1 5	24 50	0 45	5 10	1 14	17 55	0 1	12 59	1 16	15 43	0 49	0 43	1 58	40 37	16 39	22 32	22 19	12 52			n.a.
W25	19 45	10 30	5 4	25 8	1 15	24 51	0 47	5 24	1 14	17 57	0 1	13 0	1 16	15 42	0 49	0 42	1 58	40 37	16 39	22 31	22 19	12 49			n.a.
T 26	19 31	4 14	4 46	25 14	1 24	24 51	0 50	5 37	1 14	17 59	0 1	13 1	1 16	15 41	0 49	0 41	1 58	40 37	16 38	22 30	22 18	12 47			n.a.
F 27	19 16	2n 8	4 10	25 18	1 33	24 50	0 52	5 51	1 14	18 2	0 1	13 2	1 16	15 40	0 49	0 41	1 58	40 37	16 38	22 29	22 18	12 44			n.a.
S 28	19s 1	8n15	3s19	25s22	1s41	24s48	0s54	6n 4	1n15	18s 4	0n 1	13s 2	1n16	15s39	0s49	0s40	1s58	40n37	16n38	22n29	22n17	12n41			n.a.

Julian Day Number = 188865.5, Delta T = 32h31m49s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'57, Lahiri = -61°35'56 Julian Calendar 1 Feb. 4196 BCE == Greg. Calendar 30 Dec. 4197 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

MARCH 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 30	8♒ 3'01	12♉29	11♋27	8♋31	12♈43	19♏32	7♏ 0	21♒ 8	2♈47	5°R29	9°D20	8♊ 6	10♍19	n.a.	S 1
M 2	8 29 26	9° 0'45	25°49	12°29	9°43	13°16	19°39	7° 2	21°11	2°49	5♋28	9♊21	8° 3	10°26	n.a.	M 2
T 3	8 33 23	9°58'27	8♊51	13°34	10°55	13°50	19°46	7° 4	21°15	2°50	5°26	9°R21	8° 0	10°32	n.a.	T 3
W 4	8 37 19	10°56'08	21°37	14°42	12° 7	14°23	19°53	7° 5	21°18	2°52	5°25	9°21	7°56	10°39	n.a.	W 4
T 5	8 41 16	11°53'46	4♋10	15°53	13°19	14°57	20° 0	7° 7	21°21	2°53	5°24	9°18	7°53	10°46	n.a.	T 5
F 6	8 45 13	12°51'23	16°32	17° 6	14°31	15°31	20° 7	7° 8	21°25	2°55	5°22	9°12	7°50	10°53	n.a.	F 6
S 7	8 49 9	13°48'58	28°45	18°21	15°43	16° 4	20°13	7°10	21°28	2°57	5°21	9° 5	7°47	10°59	n.a.	S 7
S 8	8 53 6	14°46'31	10♌52	19°39	16°55	16°38	20°20	7°11	21°32	2°58	5°20	8°54	7°44	11° 6	n.a.	S 8
M 9	8 57 2	15°44'03	22°53	21° 0	18° 7	17°12	20°26	7°12	21°35	3° 0	5°19	8°43	7°41	11°13	n.a.	M 9
T 10	9 0 59	16°41'33	4♍49	22°22	19°19	17°46	20°32	7°13	21°39	3° 1	5°18	8°30	7°37	11°20	n.a.	T 10
W11	9 4 55	17°39'02	16°42	23°47	20°31	18°20	20°38	7°14	21°42	3° 3	5°17	8°18	7°34	11°26	n.a.	W11
T 12	9 8 52	18°36'29	28°34	25°15	21°43	18°55	20°44	7°15	21°46	3° 5	5°16	8° 8	7°31	11°33	n.a.	T 12
F 13	9 12 48	19°33'56	10♎27	26°44	22°55	19°29	20°50	7°16	21°49	3° 6	5°15	7°59	7°28	11°40	n.a.	F 13
S 14	9 16 45	20°31'21	22°25	28°16	24° 7	20° 3	20°55	7°16	21°52	3° 8	5°13	7°54	7°25	11°46	n.a.	S 14
S 15	9 20 41	21°28'45	4♏31	29°50	25°20	20°37	21° 1	7°17	21°56	3°10	5°12	7°50	7°21	11°53	n.a.	S 15
M16	9 24 38	22°26'08	16°50	1♒26	26°32	21°12	21° 6	7°17	21°59	3°12	5°11	7°49	7°18	12° 0	n.a.	M16
T 17	9 28 34	23°23'30	29°26	3° 4	27°44	21°46	21°11	7°18	22° 3	3°13	5°10	7°D49	7°15	12° 7	n.a.	T 17
W18	9 32 31	24°20'51	12♐25	4°45	28°56	22°21	21°16	7°18	22° 6	3°15	5°10	7°R49	7°12	12°13	n.a.	W18
T 19	9 36 28	25°18'11	25°50	6°28	0♒ 9	22°55	21°21	7°18	22°10	3°17	5° 9	7°48	7° 9	12°20	n.a.	T 19
F 20	9 40 24	26°15'30	9♋44	8°13	1°21	23°30	21°25	7°R18	22°13	3°19	5° 8	7°45	7° 6	12°27	n.a.	F 20
S 21	9 44 21	27°12'49	24° 6	10° 0	2°33	24° 5	21°29	7°18	22°17	3°21	5° 7	7°40	7° 2	12°34	n.a.	S 21
S 22	9 48 17	28°10'06	8♒55	11°49	3°46	24°40	21°34	7°18	22°20	3°23	5° 6	7°32	6°59	12°40	n.a.	S 22
M23	9 52 14	29° 7'22	24° 3	13°40	4°58	25°15	21°38	7°18	22°24	3°25	5° 5	7°22	6°56	12°47	n.a.	M23
T 24	9 56 10	0♓ 4'38	9♓19	15°34	6°11	25°49	21°41	7°17	22°27	3°27	5° 4	7°11	6°53	12°54	n.a.	T 24
W25	10 0 7	1° 1'52	24°34	17°29	7°23	26°24	21°45	7°17	22°30	3°28	5° 4	7° 1	6°50	13° 0	n.a.	W25
T 26	10 4 3	1°59'05	9♈36	19°27	8°35	26°59	21°49	7°17	22°34	3°30	5° 3	6°52	6°46	13° 7	n.a.	T 26
F 27	10 8 0	2°56'17	24°16	21°26	9°48	27°35	21°52	7°16	22°37	3°32	5° 2	6°46	6°43	13°14	n.a.	F 27
S 28	10 11 57	3°53'27	8♉31	23°28	11° 0	28°10	21°55	7°15	22°41	3°34	5° 2	6°42	6°40	13°21	n.a.	S 28
S 29	10 15 53	4°50'37	22°18	25°31	12°13	28°45	21°58	7°14	22°44	3°36	5° 1	6°41	6°37	13°27	n.a.	S 29
M30	10 19 50	5°47'45	5♊39	27°36	13°25	29°20	22° 1	7°13	22°48	3°38	5° 0	6°41	6°34	13°34	n.a.	M30
T 31	10 23 46	6♓44'53	18♊37	29♒42	14♒38	29♈55	22♏ 3	7♏12	22♒51	3♈40	5♋ 0	6♊40	6♊31	13♍41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	18s46	13n50	2s18	25s24	1s48	24s46	0s56	6n18	1n15	18s 6	0n 1	13s 3	1n16	15s38	0s49	0s39	1s58	40n37	16n38	22n29	22n17	12n39			n.a.
M 2	18 31	18 36	1 12	25 25	1 55	24 43	0 58	6 32	1 15	18 8	0 0	13 3	1 16	15 37	0 49	0 39	1 58	40 37	16 38	22 29	22 16	12 36			n.a.
T 3	18 15	22 21	0 3	25 24	2 1	24 39	1 0	6 45	1 15	18 10	0 0	13 4	1 16	15 36	0 49	0 38	1 58	40 36	16 37	22 29	22 16	12 33			n.a.
W 4	17 59	24 55	1n 5	25 22	2 6	24 35	1 2	6 59	1 15	18 13	0 0	13 4	1 16	15 34	0 49	0 37	1 58	40 36	16 37	22 29	22 15	12 31			n.a.
T 5	17 42	26 11	2 8	25 19	2 11	24 30	1 4	7 12	1 16	18 15	0s 0	13 5	1 16	15 33	0 49	0 37	1 58	40 36	16 37	22 28	22 15	12 28			n.a.
F 6	17 26	26 6	3 4	25 14	2 15	24 24	1 6	7 26	1 16	18 17	0 0	13 5	1 16	15 32	0 49	0 36	1 58	40 36	16 36	22 27	22 14	12 25			n.a.
S 7	17 9	24 45	3 51	25 7	2 19	24 17	1 8	7 40	1 16	18 19	0 0	13 6	1 16	15 31	0 49	0 35	1 58	40 35	16 36	22 26	22 14	12 22			n.a.
S 8	16 52	22 16	4 27	24 58	2 22	24 10	1 10	7 53	1 16	18 20	0 1	13 6	1 16	15 30	0 49	0 35	1 58	40 35	16 36	22 25	22 13	12 20			n.a.
M 9	16 34	18 49	4 50	24 48	2 24	24 2	1 11	8 7	1 16	18 22	0 1	13 6	1 16	15 29	0 49	0 34	1 58	40 35	16 36	22 23	22 13	12 17			n.a.
T 10	16 16	14 39	5 1	24 36	2 26	23 53	1 13	8 20	1 17	18 24	0 1	13 7	1 16	15 28	0 49	0 33	1 58	40 35	16 35	22 21	22 12	12 14			n.a.
W11	15 59	9 57	4 58	24 22	2 27	23 44	1 15	8 34	1 17	18 26	0 1	13 7	1 16	15 26	0 49	0 33	1 58	40 34	16 35	22 19	22 11	12 12			n.a.
T 12	15 40	4 53	4 43	24 7	2 28	23 34	1 16	8 47	1 17	18 28	0 1	13 7	1 16	15 25	0 49	0 32	1 57	40 34	16 35	22 17	22 11	12 9			n.a.
F 13	15 22	0s22	4 15	23 49	2 28	23 23	1 18	9 1	1 17	18 29	0 1	13 7	1 16	15 24	0 49	0 31	1 57	40 34	16 34	22 16	22 10	12 6			n.a.
S 14	15 3	5 38	3 36	23 29	2 27	23 11	1 19	9 14	1 17	18 31	0 1	13 8	1 16	15 23	0 49	0 30	1 57	40 34	16 34	22 15	22 10	12 3			n.a.
S 15	14 44	10 47	2 47	23 8	2 26	22 59	1 20	9 28	1 18	18 33	0 2	13 8	1 16	15 22	0 49	0 30	1 57	40 33	16 34	22 14	22 9	12 1			n.a.
M16	14 25	15 36	1 49	22 44	2 24	22 46	1 21	9 41	1 18	18 34	0 2	13 8	1 17	15 21	0 49	0 29	1 57	40 33	16 33	22 14	22 9	11 58			n.a.
T 17	14 6	19 53	0 44	22 19	2 21	22 33	1 23	9 55	1 18	18 36	0 2	13 8	1 17	15 19	0 49	0 28	1 57	40 33	16 33	22 14	22 8	11 55			n.a.
W18	13 47	23 20	0s24	21 51	2 18	22 19	1 24	10 8	1 18	18 37	0 2	13 8	1 17	15 18	0 49	0 27	1 57	40 32	16 33	22 14	22 8	11 53			n.a.
T 19	13 27	25 37	1 34	21 21	2 15	22 4	1 25	10 22	1 18	18 39	0 2	13 8	1 17	15 17	0 49	0 26	1 57	40 32	16 32	22 14	22 7	11 50			n.a.
F 20	13 7	26 25	2 40	20 49	2 10	21 49	1 26	10 35	1 18	18 40	0 2	13 8	1 17	15 16	0 49	0 26	1 57	40 32	16 32	22 13	22 7	11 47			n.a.
S 21	12 47	25 29	3 39	20 15	2 5	21 33	1 27	10 48	1 18	18 41	0 3	13 8	1 17	15 15	0 49	0 25	1 57	40 31	16 31	22 12	22 6	11 44			n.a.
S 22	12 27	22 46	4 24	19 39	2 0	21 16	1 27	11 2	1 18	18 43	0 3	13 8	1 17	15 14	0 49	0 24	1 57	40 31	16 31	22 11	22 6	11 42			n.a.
M23	12 6	18 27	4 52	19 0	1 54	20 59	1 28	11 15	1 19	18 44	0 3	13 8	1 17	15 13	0 49	0 23	1 57	40 31	16 31	22 9	22 5	11 39			n.a.
T 24	11 46	12 54	5 0	18 20	1 47	20 41	1 29	11 28	1 19	18 45	0 3	13 8	1 17	15 11	0 49	0 22	1 57	40 30	16 30	22 8	22 4	11 36			n.a.
W25	11 25	6 35	4 47	17 37	1 40	20 23	1 29	11 41	1 19	18 46	0 3	13 7	1 17	15 10	0 49	0 22	1 57	40 30	16 30	22 6	22 4	11 33			n.a.
T 26	11 4	0n 3	4 13	16 52	1 33	20 4	1 30	11 55	1 19	18 47	0 3	13 7	1 17	15 9	0 49	0 21	1 57	40 30	16 29	22 4	22 3	11 31			n.a.
F 27	10 43	6 31	3 24	16 5	1 25	19 45	1 30	12 8	1 19	18 48	0 4	13 7	1 17	15 8	0 49	0 20	1 57	40 29	16 29	22 3	22 3	11 28			n.a.
S 28	10 21	12 29	2 23	15 16	1 16	19 25	1 31	12 21	1 19	18 49	0 4	13 7	1 17	15 7	0 49	0 19	1 57	40 29	16 29	22 3	22 2	11 25			n.a.
S 29	10 0	17 39	1 15	14 26	1 7	19 4	1 31	12 34	1 19	18 50	0 4	13 6	1 17	15 6	0 49	0 18	1 57	40 29	16 28	22 2	22 2	11 22			n.a.
M30	9 39	21 46	0 5	13 33	0 58	18 43	1 31	12 47	1 19	18 51	0 4	13 6	1 17	15 4	0 49	0 17	1 57	40 28	16 28	22 2	22 1	11 20			n.a.
T 31	9s17	24n39	1n 3	12s39	0s48	18s22	1s32	13n 0	1n19	18s52	0s 4	13s 6	1n17	15s 3	0s49	0s16	1s57	40n28	16n27	22n 2	22n 1	11n17			n.a.

Julian Day Number = 188893.5, Delta T = 32h31m46s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'53, Lahiri = -61°35'53 Julian Calendar 1 March 4196 BCE == Greg. Calendar 27 Jan. 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

APRIL 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 27 43	7♓41'59	1♋15	1♓50	15♒51	0♉31	22♏ 6	7°R11	22♒54	3♈42	4°R59	6°R39	6♊27	13♍47	n.a.	W 1
T 2	10 31 39	8°39'04	13°39	3°59	17° 3	1° 6	22° 8	7♏10	22°58	3°44	4♋59	6♊36	6°24	13°54	n.a.	T 2
F 3	10 35 36	9°36'08	25°51	6° 9	18°16	1°42	22°10	7° 9	23° 1	3°47	4°58	6°30	6°21	14° 1	n.a.	F 3
S 4	10 39 33	10°33'12	7♌55	8°20	19°28	2°17	22°12	7° 8	23° 4	3°49	4°58	6°21	6°18	14° 8	n.a.	S 4
S 5	10 43 29	11°30'14	19°54	10°31	20°41	2°53	22°13	7° 6	23° 8	3°51	4°57	6°10	6°15	14°14	n.a.	S 5
M 6	10 47 26	12°27'16	1♍49	12°42	21°54	3°28	22°15	7° 5	23°11	3°53	4°57	5°57	6°12	14°21	n.a.	M 6
T 7	10 51 22	13°24'17	13°42	14°53	23° 6	4° 4	22°16	7° 3	23°14	3°55	4°57	5°43	6° 8	14°28	n.a.	T 7
W 8	10 55 19	14°21'18	25°34	17° 4	24°19	4°40	22°17	7° 1	23°18	3°57	4°56	5°30	6° 5	14°35	n.a.	W 8
T 9	10 59 15	15°18'18	7♎28	19°15	25°32	5°15	22°18	6°59	23°21	3°59	4°56	5°18	6° 2	14°41	n.a.	T 9
F 10	11 3 12	16°15'17	19°24	21°24	26°44	5°51	22°19	6°57	23°24	4° 1	4°56	5° 9	5°59	14°48	n.a.	F 10
S 11	11 7 8	17°12'17	1♏25	23°33	27°57	6°27	22°19	6°55	23°27	4° 3	4°55	5° 2	5°56	14°55	n.a.	S 11
S 12	11 11 5	18° 9'16	13°35	25°40	29°10	7° 3	22°20	6°53	23°31	4° 6	4°55	4°58	5°52	15° 1	n.a.	S 12
M13	11 15 2	19° 6'15	25°56	27°45	0♓23	7°39	22°R20	6°51	23°34	4° 8	4°55	4°56	5°49	15° 8	n.a.	M13
T 14	11 18 58	20° 3'14	8♐32	29°50	1°36	8°15	22°20	6°49	23°37	4°10	4°55	4°D56	5°46	15°15	n.a.	T 14
W15	11 22 55	21° 0'13	21°28	1♈52	2°49	8°51	22°20	6°47	23°40	4°12	4°55	4°R56	5°43	15°22	n.a.	W15
T 16	11 26 51	21°57'12	4♑48	3°52	4° 2	9°27	22°19	6°44	23°43	4°14	4°55	4°56	5°40	15°28	n.a.	T 16
F 17	11 30 48	22°54'11	18°35	5°51	5°14	10° 3	22°19	6°42	23°47	4°16	4°55	4°53	5°37	15°35	n.a.	F 17
S 18	11 34 44	23°51'11	2♒50	7°47	6°27	10°40	22°18	6°39	23°50	4°19	4°D55	4°49	5°33	15°42	n.a.	S 18
S 19	11 38 41	24°48'10	17°31	9°42	7°40	11°16	22°17	6°36	23°53	4°21	4°55	4°42	5°30	15°49	n.a.	S 19
M20	11 42 38	25°45'09	2♓34	11°34	8°53	11°52	22°16	6°34	23°56	4°23	4°55	4°33	5°27	15°55	n.a.	M20
T 21	11 46 34	26°42'09	17°48	13°24	10° 6	12°29	22°14	6°31	23°59	4°25	4°55	4°23	5°24	16° 2	n.a.	T 21
W22	11 50 31	27°39'08	3♈ 5	15°12	11°20	13° 5	22°13	6°28	24° 2	4°28	4°55	4°14	5°21	16° 9	n.a.	W22
T 23	11 54 27	28°36'07	18°12	16°58	12°33	13°42	22°11	6°25	24° 5	4°30	4°55	4° 6	5°17	16°15	n.a.	T 23
F 24	11 58 24	29°33'06	3♉ 0	18°41	13°46	14°18	22° 9	6°22	24° 8	4°32	4°55	4° 1	5°14	16°22	n.a.	F 24
S 25	12 2 20	0♈30'05	17°23	20°23	14°59	14°55	22° 7	6°19	24°11	4°34	4°55	3°57	5°11	16°29	n.a.	S 25
S 26	12 6 17	1°27'04	1♊18	22° 2	16°12	15°31	22° 5	6°15	24°14	4°36	4°56	3°D56	5° 8	16°36	n.a.	S 26
M27	12 10 14	2°24'03	14°45	23°39	17°25	16° 8	22° 2	6°12	24°17	4°39	4°56	3°57	5° 5	16°42	n.a.	M27
T 28	12 14 10	3°21'02	27°46	25°13	18°38	16°45	21°59	6° 9	24°20	4°41	4°56	3°R57	5° 2	16°49	n.a.	T 28
W29	12 18 7	4°18'01	10♋25	26°46	19°52	17°21	21°56	6° 6	24°22	4°43	4°57	3°57	4°58	16°56	n.a.	W29
T 30	12 22 3	5♈14'59	22♋47	28♈16	21♓ 5	17♉58	21♏53	6♏ 2	24♒25	4♈45	4♋57	3♊56	4♊55	17♍ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8s55	26n13	2n 6	11s43	0s38	18s 0	1s32	13n13	1n20	18s53	0s 4	13s 5	1n17	15s 2	0s49	0s16	1s57	40n27	16n27	22n 2	22n 0	11n14		n.a.
T 2	8 33	26 24	3 2	10 45	0 28	17 37	1 32	13 25	1 20	18 54	0 5	13 5	1 17	15 1	0 49	0 15	1 57	40 27	16 27	22 1	21 59	11 11		n.a.
F 3	8 11	25 19	3 48	9 47	0 18	17 14	1 32	13 38	1 20	18 54	0 5	13 4	1 17	15 0	0 49	0 14	1 57	40 26	16 26	22 0	21 59	11 8		n.a.
S 4	7 49	23 3	4 24	8 47	0 7	16 51	1 32	13 51	1 20	18 55	0 5	13 4	1 17	14 59	0 49	0 13	1 56	40 26	16 26	21 59	21 58	11 6		n.a.
S 5	7 27	19 48	4 48	7 47	0n 3	16 27	1 32	14 4	1 20	18 56	0 5	13 3	1 17	14 58	0 49	0 12	1 56	40 26	16 25	21 57	21 58	11 3		n.a.
M 6	7 4	15 45	4 59	6 46	0 14	16 3	1 31	14 16	1 20	18 56	0 5	13 3	1 17	14 57	0 49	0 11	1 56	40 25	16 25	21 54	21 57	11 0		n.a.
T 7	6 42	11 8	4 57	5 45	0 24	15 38	1 31	14 29	1 20	18 57	0 6	13 2	1 17	14 56	0 49	0 10	1 56	40 25	16 24	21 52	21 57	10 57		n.a.
W 8	6 20	6 6	4 42	4 44	0 34	15 13	1 31	14 41	1 20	18 57	0 6	13 2	1 17	14 54	0 49	0 9	1 56	40 24	16 24	21 50	21 56	10 54		n.a.
T 9	5 57	0 50	4 14	3 42	0 44	14 47	1 30	14 54	1 20	18 58	0 6	13 1	1 17	14 53	0 49	0 9	1 56	40 24	16 23	21 47	21 55	10 52		n.a.
F 10	5 34	4s29	3 36	2 41	0 53	14 21	1 30	15 6	1 20	18 58	0 6	13 0	1 17	14 52	0 49	0 8	1 56	40 23	16 23	21 46	21 55	10 49		n.a.
S 11	5 11	9 42	2 47	1 41	1 2	13 55	1 29	15 19	1 20	18 58	0 6	13 0	1 18	14 51	0 49	0 7	1 56	40 23	16 22	21 44	21 54	10 46		n.a.
S 12	4 49	14 36	1 50	0 41	1 11	13 28	1 29	15 31	1 20	18 58	0 6	12 59	1 18	14 50	0 49	0 6	1 56	40 23	16 22	21 44	21 54	10 43		n.a.
M13	4 26	19 1	0 48	0n18	1 19	13 1	1 28	15 43	1 20	18 59	0 7	12 58	1 18	14 49	0 49	0 5	1 56	40 22	16 22	21 43	21 53	10 40		n.a.
T 14	4 3	22 40	0s19	1 15	1 27	12 34	1 27	15 55	1 20	18 59	0 7	12 57	1 18	14 48	0 49	0 4	1 56	40 22	16 21	21 43	21 53	10 38		n.a.
W15	3 40	25 16	1 27	2 12	1 34	12 6	1 27	16 7	1 20	18 59	0 7	12 57	1 18	14 47	0 49	0 3	1 56	40 21	16 21	21 43	21 52	10 35		n.a.
T 16	3 17	26 33	2 31	3 7	1 41	11 38	1 26	16 19	1 20	18 59	0 7	12 56	1 18	14 46	0 49	0 2	1 56	40 21	16 20	21 43	21 51	10 32		n.a.
F 17	2 54	26 15	3 30	4 1	1 47	11 10	1 25	16 31	1 20	18 59	0 7	12 55	1 18	14 45	0 49	0 1	1 56	40 20	16 20	21 43	21 51	10 29		n.a.
S 18	2 30	24 14	4 17	4 53	1 52	10 41	1 24	16 43	1 21	18 59	0 8	12 54	1 18	14 44	0 49	0 0	1 56	40 20	16 19	21 42	21 50	10 26		n.a.
S 19	2 7	20 35	4 49	5 44	1 57	10 12	1 23	16 54	1 21	18 59	0 8	12 53	1 18	14 43	0 49	0n 0	1 56	40 19	16 19	21 41	21 50	10 23		n.a.
M20	1 44	15 31	5 2	6 33	2 1	9 43	1 22	17 6	1 21	18 59	0 8	12 52	1 18	14 42	0 49	0 1	1 56	40 19	16 18	21 39	21 49	10 20		n.a.
T 21	1 21	9 26	4 54	7 20	2 5	9 14	1 21	17 18	1 21	18 59	0 8	12 51	1 18	14 41	0 49	0 2	1 56	40 18	16 18	21 37	21 49	10 18		n.a.
W22	0 58	2 47	4 25	8 6	2 8	8 44	1 19	17 29	1 21	18 58	0 8	12 50	1 18	14 40	0 49	0 3	1 56	40 18	16 17	21 36	21 48	10 15		n.a.
T 23	0 34	3n59	3 38	8 50	2 10	8 14	1 18	17 40	1 21	18 58	0 9	12 49	1 18	14 39	0 49	0 4	1 56	40 17	16 17	21 34	21 47	10 12		n.a.
F 24	0 11	10 25	2 37	9 32	2 12	7 44	1 17	17 52	1 21	18 58	0 9	12 48	1 18	14 38	0 49	0 5	1 56	40 17	16 16	21 33	21 47	10 9		n.a.
S 25	0n12	16 7	1 27	10 13	2 13	7 14	1 15	18 3	1 21	18 57	0 9	12 47	1 18	14 37	0 49	0 6	1 56	40 16	16 16	21 32	21 46	10 6		n.a.
S 26	0 36	20 46	0 14	10 52	2 13	6 43	1 14	18 14	1 21	18 57	0 9	12 46	1 18	14 36	0 49	0 7	1 56	40 16	16 15	21 32	21 46	10 3		n.a.
M27	0 59	24 10	0n57	11 29	2 13	6 13	1 12	18 25	1 21	18 57	0 9	12 45	1 18	14 35	0 49	0 8	1 56	40 15	16 15	21 32	21 45	10 1		n.a.
T 28	1 22	26 9	2 4	12 4	2 12	5 42	1 11	18 36	1 21	18 56	0 10	12 44	1 18	14 34	0 49	0 9	1 56	40 15	16 14	21 32	21 44	9 58		n.a.
W29	1 45	26 43	3 2	12 37	2 10	5 11	1 9	18 47	1 21	18 56	0 10	12 43	1 18	14 33	0 50	0 10	1 56	40 14	16 14	21 32	21 44	9 55		n.a.
T 30	2n 9	25n55	3n50	13n 8	2n 8	4s40	1s 8	18n57	1n21	18s55	0s10	12s42	1n18	14s32	0s50	0n11	1s56	40n14	16n13	21n32	21n43	9n52		n.a.

Julian Day Number = 188924.5, Delta T = 32h31m43s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'49, Lahiri = -61°35'49 Julian Calendar 1 Apr. 4196 BCE == Greg. Calendar 27 Feb. 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

MAY 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 26 0	6♈11'58	4♌55	29♈44	22♓18	18♉35	21°R50	5°R59	24♒28	4♈48	4♋57	3°R52	4♊52	17♍ 9	n.a.	F 1
S 2	12 29 56	7° 8'56	16°55	1♉ 9	23°31	19°12	21♏47	5♏55	24°31	4°50	4°58	3♊46	4°49	17°16	n.a.	S 2
S 3	12 33 53	8° 5'55	28°50	2°33	24°45	19°49	21°43	5°51	24°34	4°52	4°58	3°38	4°46	17°23	n.a.	S 3
M 4	12 37 50	9° 2'54	10♍42	3°53	25°58	20°26	21°39	5°48	24°36	4°54	4°59	3°28	4°43	17°29	n.a.	M 4
T 5	12 41 46	9°59'53	22°35	5°12	27°11	21° 3	21°36	5°44	24°39	4°57	4°59	3°18	4°39	17°36	n.a.	T 5
W 6	12 45 43	10°56'53	4♎30	6°28	28°25	21°40	21°31	5°40	24°42	4°59	5° 0	3° 9	4°36	17°43	n.a.	W 6
T 7	12 49 39	11°53'53	16°28	7°41	29°38	22°17	21°27	5°36	24°44	5° 1	5° 1	3° 0	4°33	17°50	n.a.	T 7
F 8	12 53 36	12°50'53	28°31	8°52	0♈52	22°54	21°23	5°32	24°47	5° 3	5° 1	2°53	4°30	17°56	n.a.	F 8
S 9	12 57 33	13°47'55	10♏42	10° 0	2° 5	23°32	21°18	5°28	24°49	5° 5	5° 2	2°49	4°27	18° 3	n.a.	S 9
S 10	13 1 29	14°44'57	23° 1	11° 6	3°18	24° 9	21°13	5°24	24°52	5° 8	5° 3	2°47	4°23	18°10	n.a.	S 10
M11	13 5 26	15°41'59	5♐31	12° 8	4°32	24°46	21° 8	5°20	24°54	5°10	5° 3	2°D46	4°20	18°16	n.a.	M11
T 12	13 9 22	16°39'03	18°14	13° 8	5°46	25°24	21° 3	5°16	24°57	5°12	5° 4	2°47	4°17	18°23	n.a.	T 12
W13	13 13 19	17°36'08	1♑15	14° 5	6°59	26° 1	20°58	5°12	24°59	5°14	5° 5	2°48	4°14	18°30	n.a.	W13
T 14	13 17 15	18°33'14	14°35	14°58	8°13	26°39	20°53	5° 8	25° 1	5°16	5° 6	2°R49	4°11	18°37	n.a.	T 14
F 15	13 21 12	19°30'20	28°17	15°49	9°26	27°16	20°47	5° 4	25° 4	5°19	5° 7	2°49	4° 8	18°43	n.a.	F 15
S 16	13 25 9	20°27'28	12♒22	16°36	10°40	27°54	20°42	4°59	25° 6	5°21	5° 7	2°47	4° 4	18°50	n.a.	S 16
S 17	13 29 5	21°24'37	26°50	17°19	11°54	28°31	20°36	4°55	25° 8	5°23	5° 8	2°43	4° 1	18°57	n.a.	S 17
M18	13 33 2	22°21'47	11♓36	17°59	13° 7	29° 9	20°30	4°51	25°11	5°25	5° 9	2°38	3°58	19° 3	n.a.	M18
T 19	13 36 58	23°18'58	26°34	18°34	14°21	29°47	20°24	4°46	25°13	5°27	5°10	2°33	3°55	19°10	n.a.	T 19
W20	13 40 55	24°16'10	11♈37	19° 6	15°35	0♊25	20°18	4°42	25°15	5°29	5°11	2°27	3°52	19°17	n.a.	W20
T 21	13 44 51	25°13'23	26°35	19°34	16°49	1° 2	20°11	4°38	25°17	5°32	5°12	2°23	3°48	19°24	n.a.	T 21
F 22	13 48 48	26°10'37	11♉18	19°57	18° 2	1°40	20° 5	4°33	25°19	5°34	5°13	2°19	3°45	19°30	n.a.	F 22
S 23	13 52 45	27° 7'53	25°41	20°16	19°16	2°18	19°58	4°29	25°21	5°36	5°14	2°D18	3°42	19°37	n.a.	S 23
S 24	13 56 41	28° 5'09	9♊39	20°30	20°30	2°56	19°52	4°24	25°23	5°38	5°16	2°18	3°39	19°44	n.a.	S 24
M25	14 0 38	29° 2'26	23°10	20°39	21°44	3°34	19°45	4°20	25°25	5°40	5°17	2°19	3°36	19°50	n.a.	M25
T 26	14 4 34	29°59'44	6♋16	20°R44	22°58	4°12	19°38	4°16	25°27	5°42	5°18	2°21	3°33	19°57	n.a.	T 26
W27	14 8 31	0♉57'03	18°59	20°43	24°12	4°50	19°31	4°11	25°29	5°44	5°19	2°22	3°29	20° 4	n.a.	W27
T 28	14 12 28	1°54'22	1♌23	20°37	25°26	5°29	19°24	4° 7	25°31	5°46	5°20	2°R23	3°26	20°11	n.a.	T 28
F 29	14 16 24	2°51'43	13°32	20°26	26°40	6° 7	19°17	4° 2	25°32	5°48	5°22	2°22	3°23	20°17	n.a.	F 29
S 30	14 20 21	3°49'04	25°32	20°10	27°54	6°45	19°10	3°58	25°34	5°50	5°23	2°20	3°20	20°24	n.a.	S 30
S 31	14 24 17	4♉46'27	7♍26	19♉49	29♈ 8	7♊23	19♏ 2	3♏53	25♒36	5♈52	5♋24	2♊17	3♊17	20♍31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n32	23n53	4n27	13n38	2n 5	4s 9	1s 6	19n 8	1n21	18s54	0s10	12s40	1n18	14s31	0s50	0n11	1s56	40n13	16n13	21n31	21n43	9n49		n.a.
S 2	2 55	20 49	4 52	14 6	2 2	3 37	1 4	19 18	1 21	18 54	0 10	12 39	1 18	14 30	0 50	0 12	1 56	40 13	16 13	21 30	21 42	9 46		n.a.
S 3	3 18	16 56	5 4	14 32	1 58	3 6	1 3	19 29	1 20	18 53	0 11	12 38	1 18	14 29	0 50	0 13	1 56	40 12	16 12	21 29	21 41	9 43		n.a.
M 4	3 41	12 24	5 2	14 56	1 53	2 34	1 1	19 39	1 20	18 52	0 11	12 37	1 18	14 28	0 50	0 14	1 56	40 12	16 12	21 27	21 41	9 40		n.a.
T 5	4 4	7 24	4 48	15 19	1 48	2 3	0 59	19 49	1 20	18 51	0 11	12 35	1 18	14 27	0 50	0 15	1 56	40 11	16 11	21 25	21 40	9 37		n.a.
W 6	4 27	2 8	4 21	15 40	1 42	1 31	0 57	19 59	1 20	18 50	0 11	12 34	1 17	14 26	0 50	0 16	1 56	40 11	16 11	21 23	21 40	9 35		n.a.
T 7	4 50	3s15	3 42	15 59	1 36	0 59	0 55	20 9	1 20	18 49	0 11	12 33	1 17	14 25	0 50	0 17	1 56	40 10	16 10	21 21	21 39	9 32		n.a.
F 8	5 13	8 34	2 53	16 16	1 29	0 28	0 53	20 19	1 20	18 48	0 12	12 32	1 17	14 25	0 50	0 18	1 56	40 10	16 10	21 20	21 38	9 29		n.a.
S 9	5 36	13 37	1 56	16 31	1 22	0n 4	0 51	20 29	1 20	18 47	0 12	12 30	1 17	14 24	0 50	0 19	1 56	40 9	16 9	21 19	21 38	9 26		n.a.
S 10	5 58	18 12	0 52	16 45	1 14	0 36	0 49	20 38	1 20	18 46	0 12	12 29	1 17	14 23	0 50	0 20	1 56	40 9	16 9	21 18	21 37	9 23		n.a.
M11	6 21	22 4	0s15	16 57	1 5	1 8	0 47	20 47	1 20	18 45	0 12	12 28	1 17	14 22	0 50	0 21	1 56	40 8	16 8	21 18	21 37	9 20		n.a.
T 12	6 43	24 57	1 23	17 7	0 56	1 40	0 45	20 57	1 20	18 44	0 12	12 26	1 17	14 21	0 50	0 21	1 56	40 8	16 8	21 18	21 36	9 17		n.a.
W13	7 6	26 34	2 28	17 15	0 47	2 12	0 43	21 6	1 20	18 43	0 13	12 25	1 17	14 20	0 50	0 22	1 56	40 7	16 7	21 19	21 35	9 14		n.a.
T 14	7 28	26 43	3 27	17 22	0 37	2 43	0 41	21 15	1 20	18 41	0 13	12 23	1 17	14 20	0 50	0 23	1 56	40 7	16 7	21 19	21 35	9 11		n.a.
F 15	7 50	25 15	4 15	17 27	0 26	3 15	0 39	21 24	1 20	18 40	0 13	12 22	1 17	14 19	0 50	0 24	1 56	40 7	16 6	21 19	21 34	9 8		n.a.
S 16	8 13	22 12	4 50	17 31	0 15	3 47	0 37	21 33	1 20	18 39	0 13	12 21	1 17	14 18	0 50	0 25	1 56	40 6	16 6	21 18	21 34	9 5		n.a.
S 17	8 35	17 43	5 8	17 32	0 4	4 18	0 34	21 41	1 20	18 37	0 14	12 19	1 17	14 17	0 50	0 26	1 56	40 6	16 6	21 18	21 33	9 3		n.a.
M18	8 57	12 6	5 6	17 32	0s 8	4 50	0 32	21 50	1 20	18 36	0 14	12 18	1 17	14 17	0 50	0 27	1 56	40 5	16 5	21 17	21 32	9 0		n.a.
T 19	9 18	5 42	4 43	17 31	0 21	5 21	0 30	21 58	1 20	18 34	0 14	12 16	1 17	14 16	0 50	0 28	1 56	40 5	16 5	21 16	21 32	8 57		n.a.
W20	9 40	1n 3	4 1	17 27	0 33	5 53	0 28	22 6	1 20	18 33	0 14	12 15	1 17	14 15	0 50	0 28	1 56	40 4	16 4	21 14	21 31	8 54		n.a.
T 21	10 2	7 43	3 2	17 23	0 47	6 24	0 25	22 14	1 19	18 31	0 14	12 13	1 17	14 14	0 50	0 29	1 56	40 4	16 4	21 14	21 31	8 51		n.a.
F 22	10 23	13 53	1 52	17 16	1 0	6 55	0 23	22 22	1 19	18 30	0 15	12 12	1 17	14 14	0 50	0 30	1 56	40 3	16 3	21 13	21 30	8 48		n.a.
S 23	10 44	19 9	0 36	17 8	1 14	7 26	0 21	22 30	1 19	18 28	0 15	12 11	1 17	14 13	0 50	0 31	1 56	40 3	16 3	21 13	21 29	8 45		n.a.
S 24	11 5	23 11	0n40	16 58	1 28	7 57	0 18	22 38	1 19	18 27	0 15	12 9	1 17	14 12	0 50	0 32	1 56	40 2	16 2	21 13	21 29	8 42		n.a.
M25	11 26	25 47	1 51	16 47	1 42	8 27	0 16	22 45	1 19	18 25	0 15	12 8	1 17	14 12	0 50	0 33	1 56	40 2	16 2	21 13	21 28	8 39		n.a.
T 26	11 47	26 52	2 55	16 35	1 56	8 58	0 14	22 53	1 19	18 23	0 15	12 6	1 16	14 11	0 50	0 33	1 56	40 1	16 2	21 13	21 27	8 36		n.a.
W27	12 8	26 29	3 48	16 21	2 10	9 28	0 11	23 0	1 19	18 21	0 16	12 5	1 16	14 11	0 50	0 34	1 56	40 1	16 1	21 13	21 27	8 33		n.a.
T 28	12 28	24 46	4 28	16 6	2 24	9 58	0 9	23 7	1 19	18 20	0 16	12 3	1 16	14 10	0 50	0 35	1 56	40 0	16 1	21 14	21 26	8 30		n.a.
F 29	12 49	21 56	4 56	15 50	2 38	10 28	0 7	23 14	1 19	18 18	0 16	12 2	1 16	14 9	0 50	0 36	1 56	40 0	16 0	21 13	21 26	8 27		n.a.
S 30	13 9	18 13	5 11	15 32	2 51	10 57	0 4	23 20	1 18	18 16	0 16	12 0	1 16	14 9	0 50	0 37	1 56	39 59	16 0	21 13	21 25	8 24		n.a.
S 31	13n29	13n49	5n11	15n14	3s 5	11n27	0s 2	23n27	1n18	18s14	0s16	11s59	1n16	14s 8	0s51	0n38	1s56	39n59	16n 0	21n12	21n24	8n21		n.a.

Julian Day Number = 188954.5, Delta T = 32h31m40s
Ecliptic obliquity = 24°07'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'45, Lahiri = -61°35'44 Julian Calendar 1 May 4196 BCE == Greg. Calendar 29 March 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

JUNE 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 28 14	5♉43'51	19♍18	19°R22	0♉22	8♊ 2	18°R55	3°R49	25♒38	5♈54	5♋26	2°R13	3♊14	20♍38	n.a.	M 1
T 2	14 32 10	6°41'15	1♎12	18♉52	1°36	8°40	18♏47	3♏44	25°39	5°56	5°27	2♊ 9	3°10	20°44	n.a.	T 2
W 3	14 36 7	7°38'41	13°11	18°17	2°50	9°18	18°40	3°40	25°41	5°58	5°28	2° 5	3° 7	20°51	n.a.	W 3
T 4	14 40 3	8°36'09	25°16	17°37	4° 4	9°57	18°32	3°35	25°42	6° 0	5°30	2° 1	3° 4	20°58	n.a.	T 4
F 5	14 44 0	9°33'37	7♏30	16°55	5°18	10°36	18°25	3°31	25°44	6° 2	5°31	1°59	3° 1	21° 4	n.a.	F 5
S 6	14 47 57	10°31'07	19°54	16°10	6°33	11°14	18°17	3°26	25°45	6° 4	5°33	1°57	2°58	21°11	n.a.	S 6
S 7	14 51 53	11°28'39	2♐29	15°23	7°47	11°53	18° 9	3°22	25°47	6° 6	5°34	1°D57	2°54	21°18	n.a.	S 7
M 8	14 55 50	12°26'13	15°16	14°34	9° 1	12°31	18° 2	3°17	25°48	6° 8	5°36	1°57	2°51	21°25	n.a.	M 8
T 9	14 59 46	13°23'48	28°16	13°46	10°15	13°10	17°54	3°13	25°49	6°10	5°37	1°58	2°48	21°31	n.a.	T 9
W10	15 3 43	14°21'25	11♑30	12°58	11°29	13°49	17°46	3° 9	25°50	6°12	5°39	2° 0	2°45	21°38	n.a.	W10
T 11	15 7 39	15°19'03	24°59	12°11	12°44	14°28	17°38	3° 4	25°52	6°13	5°40	2° 1	2°42	21°45	n.a.	T 11
F 12	15 11 36	16°16'44	8♒44	11°27	13°58	15° 7	17°30	3° 0	25°53	6°15	5°42	2° 1	2°39	21°51	n.a.	F 12
S 13	15 15 33	17°14'27	22°45	10°47	15°12	15°46	17°23	2°56	25°54	6°17	5°44	2°R 2	2°35	21°58	n.a.	S 13
S 14	15 19 29	18°12'11	7♓ 0	10°10	16°27	16°25	17°15	2°52	25°55	6°19	5°45	2° 1	2°32	22° 5	n.a.	S 14
M15	15 23 26	19° 9'57	21°27	9°39	17°41	17° 4	17° 7	2°47	25°56	6°20	5°47	2° 0	2°29	22°12	n.a.	M15
T 16	15 27 22	20° 7'46	6♈ 3	9°13	18°56	17°43	16°59	2°43	25°57	6°22	5°49	1°58	2°26	22°18	n.a.	T 16
W17	15 31 19	21° 5'36	20°41	8°54	20°10	18°22	16°51	2°39	25°58	6°24	5°51	1°57	2°23	22°25	n.a.	W17
T 18	15 35 15	22° 3'28	5♉16	8°41	21°25	19° 1	16°43	2°35	25°59	6°26	5°52	1°56	2°20	22°32	n.a.	T 18
F 19	15 39 12	23° 1'23	19°42	8°D36	22°39	19°40	16°36	2°31	26° 0	6°27	5°54	1°55	2°16	22°38	n.a.	F 19
S 20	15 43 9	23°59'19	3♊52	8°38	23°54	20°20	16°28	2°27	26° 0	6°29	5°56	1°D55	2°13	22°45	n.a.	S 20
S 21	15 47 5	24°57'17	17°43	8°48	25° 8	20°59	16°20	2°23	26° 1	6°31	5°58	1°55	2°10	22°52	n.a.	S 21
M22	15 51 2	25°55'17	1♋11	9° 6	26°23	21°38	16°13	2°19	26° 2	6°32	6° 0	1°56	2° 7	22°59	n.a.	M22
T 23	15 54 58	26°53'18	14°18	9°32	27°37	22°18	16° 5	2°15	26° 2	6°34	6° 1	1°56	2° 4	23° 5	n.a.	T 23
W24	15 58 55	27°51'21	27° 3	10° 5	28°52	22°57	15°58	2°11	26° 3	6°35	6° 3	1°57	2° 0	23°12	n.a.	W24
T 25	16 2 51	28°49'26	9♌30	10°46	0♊ 7	23°37	15°50	2° 7	26° 3	6°37	6° 5	1°57	1°57	23°19	n.a.	T 25
F 26	16 6 48	29°47'32	21°41	11°34	1°21	24°17	15°43	2° 4	26° 4	6°38	6° 7	1°57	1°54	23°25	n.a.	F 26
S 27	16 10 44	0♊45'41	3♍42	12°30	2°36	24°56	15°35	2° 0	26° 4	6°40	6° 9	1°R57	1°51	23°32	n.a.	S 27
S 28	16 14 41	1°43'50	15°36	13°33	3°51	25°36	15°28	1°56	26° 5	6°41	6°11	1°D57	1°48	23°39	n.a.	S 28
M29	16 18 38	2°42'02	27°29	14°42	5° 5	26°16	15°21	1°53	26° 5	6°43	6°13	1°57	1°45	23°46	n.a.	M29
T 30	16 22 34	3♊40'15	9♎24	15♉58	6♊20	26♊56	15♏14	1♏49	26♒ 5	6♈44	6♋15	1♊58	1♊41	23♍52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n48	8n55	4n59	14n55	3s17	11n56	0n 1	23n33	1n18	18s12	0s17	11s57	1n16	14s 8	0s51	0n38	1s56	39n58	15n59	21n12	21n24	8n18		n.a.
T 2	14 8	3 40	4 34	14 35	3 29	12 24	0 3	23 39	1 18	18 10	0 17	11 56	1 16	14 7	0 51	0 39	1 56	39 58	15 59	21 11	21 23	8 15		n.a.
W 3	14 27	1s44	3 56	14 15	3 39	12 53	0 5	23 45	1 18	18 8	0 17	11 54	1 16	14 7	0 51	0 40	1 56	39 57	15 58	21 10	21 22	8 12		n.a.
T 4	14 46	7 8	3 8	13 55	3 49	13 21	0 8	23 51	1 18	18 6	0 17	11 53	1 16	14 6	0 51	0 41	1 56	39 57	15 58	21 9	21 22	8 9		n.a.
F 5	15 5	12 21	2 10	13 34	3 58	13 49	0 10	23 57	1 18	18 4	0 17	11 52	1 16	14 6	0 51	0 41	1 56	39 57	15 58	21 9	21 21	8 6		n.a.
S 6	15 24	17 9	1 6	13 14	4 5	14 16	0 12	24 2	1 18	18 2	0 18	11 50	1 15	14 5	0 51	0 42	1 56	39 56	15 57	21 8	21 21	8 3		n.a.
S 7	15 42	21 18	0s 3	12 55	4 10	14 44	0 15	24 8	1 17	18 0	0 18	11 49	1 15	14 5	0 51	0 43	1 56	39 56	15 57	21 8	21 20	8 0		n.a.
M 8	16 0	24 29	1 13	12 37	4 14	15 10	0 17	24 13	1 17	17 58	0 18	11 47	1 15	14 4	0 51	0 44	1 56	39 55	15 57	21 8	21 19	7 57		n.a.
T 9	16 18	26 26	2 20	12 20	4 17	15 37	0 19	24 18	1 17	17 56	0 18	11 46	1 15	14 4	0 51	0 44	1 57	39 55	15 56	21 9	21 19	7 54		n.a.
W10	16 36	26 57	3 21	12 5	4 17	16 3	0 22	24 23	1 17	17 54	0 18	11 44	1 15	14 4	0 51	0 45	1 57	39 54	15 56	21 9	21 18	7 52		n.a.
T 11	16 53	25 52	4 12	11 52	4 16	16 28	0 24	24 27	1 17	17 52	0 19	11 43	1 15	14 3	0 51	0 46	1 57	39 54	15 55	21 9	21 17	7 49		n.a.
F 12	17 10	23 14	4 50	11 42	4 13	16 54	0 26	24 32	1 17	17 50	0 19	11 42	1 15	14 3	0 51	0 46	1 57	39 53	15 55	21 9	21 17	7 46		n.a.
S 13	17 27	19 12	5 12	11 33	4 8	17 18	0 28	24 36	1 17	17 48	0 19	11 40	1 15	14 2	0 51	0 47	1 57	39 53	15 55	21 9	21 16	7 43		n.a.
S 14	17 44	14 2	5 15	11 28	4 2	17 43	0 30	24 40	1 16	17 46	0 19	11 39	1 14	14 2	0 51	0 48	1 57	39 53	15 54	21 9	21 15	7 40		n.a.
M15	18 0	8 1	4 58	11 26	3 54	18 6	0 33	24 44	1 16	17 44	0 19	11 37	1 14	14 2	0 51	0 49	1 57	39 52	15 54	21 9	21 15	7 37		n.a.
T 16	18 16	1 31	4 22	11 26	3 44	18 30	0 35	24 48	1 16	17 42	0 19	11 36	1 14	14 2	0 51	0 49	1 57	39 52	15 54	21 9	21 14	7 34		n.a.
W17	18 32	5n 5	3 29	11 30	3 33	18 53	0 37	24 51	1 16	17 40	0 20	11 35	1 14	14 1	0 51	0 50	1 57	39 51	15 54	21 8	21 14	7 30		n.a.
T 18	18 48	11 25	2 22	11 38	3 22	19 15	0 39	24 54	1 16	17 37	0 20	11 33	1 14	14 1	0 51	0 51	1 57	39 51	15 53	21 8	21 13	7 27		n.a.
F 19	19 3	17 5	1 7	11 48	3 9	19 37	0 41	24 57	1 15	17 35	0 20	11 32	1 14	14 1	0 51	0 51	1 57	39 51	15 53	21 8	21 12	7 24		n.a.
S 20	19 18	21 42	0n11	12 2	2 55	19 58	0 43	25 0	1 15	17 33	0 20	11 31	1 14	14 1	0 51	0 52	1 57	39 50	15 53	21 8	21 12	7 21		n.a.
S 21	19 32	24 58	1 26	12 19	2 40	20 19	0 45	25 3	1 15	17 31	0 20	11 30	1 14	14 0	0 51	0 52	1 57	39 50	15 52	21 8	21 11	7 18		n.a.
M22	19 47	26 42	2 35	12 39	2 25	20 39	0 47	25 5	1 15	17 29	0 21	11 28	1 13	14 0	0 51	0 53	1 57	39 49	15 52	21 8	21 10	7 15		n.a.
T 23	20 1	26 52	3 34	13 1	2 10	20 59	0 49	25 8	1 15	17 27	0 21	11 27	1 13	14 0	0 51	0 54	1 57	39 49	15 52	21 8	21 10	7 12		n.a.
W24	20 14	25 35	4 20	13 27	1 54	21 18	0 51	25 10	1 14	17 25	0 21	11 26	1 13	14 0	0 52	0 54	1 57	39 49	15 52	21 8	21 9	7 9		n.a.
T 25	20 28	23 4	4 53	13 55	1 39	21 36	0 53	25 12	1 14	17 23	0 21	11 25	1 13	14 0	0 52	0 55	1 57	39 48	15 51	21 8	21 8	7 6		n.a.
F 26	20 41	19 34	5 12	14 25	1 23	21 54	0 55	25 13	1 14	17 21	0 21	11 23	1 13	14 0	0 52	0 55	1 57	39 48	15 51	21 8	21 8	7 3		n.a.
S 27	20 53	15 19	5 17	14 57	1 8	22 11	0 56	25 15	1 14	17 19	0 21	11 22	1 13	13 59	0 52	0 56	1 57	39 48	15 51	21 8	21 7	7 0		n.a.
S 28	21 5	10 32	5 8	15 31	0 52	22 28	0 58	25 16	1 14	17 17	0 22	11 21	1 13	13 59	0 52	0 56	1 57	39 47	15 50	21 8	21 6	6 57		n.a.
M29	21 17	5 23	4 46	16 7	0 37	22 44	1 0	25 17	1 13	17 15	0 22	11 20	1 12	13 59	0 52	0 57	1 57	39 47	15 50	21 8	21 6	6 54		n.a.
T 30	21n29	0n 1	4n12	16n43	0s23	22n59	1n 1	25n18	1n13	17s13	0s22	11s19	1n12	13s59	0s52	0n58	1s57	39n47	15n50	21n 8	21n 5	6n51		n.a.

Julian Day Number = 188985.5, Delta T = 32h31m36s
Ecliptic obliquity = 24°07'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'41, Lahiri = -61°35'40 Julian Calendar 1 June 4196 BCE == Greg. Calendar 29 Apr. 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

JULY 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 26 31	4♊38'30	21♎26	17♉19	7♊35	27♊35	15°R 7	1°R46	26♒ 5	6♈45	6♋17	1♊58	1♊38	23♍59	n.a.	W 1
T 2	16 30 27	5°36'47	3♏38	18°46	8°50	28°15	15♏ 0	1♏43	26° 6	6°47	6°19	1°58	1°35	24° 6	n.a.	T 2
F 3	16 34 24	6°35'06	16° 2	20°17	10° 4	28°55	14°53	1°39	26° 6	6°48	6°21	1°59	1°32	24°12	n.a.	F 3
S 4	16 38 20	7°33'27	28°41	21°53	11°19	29°35	14°47	1°36	26° 6	6°49	6°23	1°R59	1°29	24°19	n.a.	S 4
S 5	16 42 17	8°31'50	11♐35	23°32	12°34	0♋15	14°40	1°33	26°R 6	6°51	6°25	1°59	1°26	24°26	n.a.	S 5
M 6	16 46 13	9°30'16	24°45	25°15	13°49	0°55	14°34	1°30	26° 6	6°52	6°27	1°58	1°22	24°33	n.a.	M 6
T 7	16 50 10	10°28'43	8♑ 9	27° 0	15° 4	1°36	14°27	1°27	26° 6	6°53	6°29	1°57	1°19	24°39	n.a.	T 7
W 8	16 54 6	11°27'13	21°47	28°48	16°18	2°16	14°21	1°24	26° 5	6°54	6°31	1°56	1°16	24°46	n.a.	W 8
T 9	16 58 3	12°25'45	5♒36	0♊38	17°33	2°56	14°15	1°21	26° 5	6°55	6°34	1°55	1°13	24°53	n.a.	T 9
F 10	17 2 0	13°24'20	19°35	2°29	18°48	3°36	14° 9	1°19	26° 5	6°57	6°36	1°54	1°10	24°59	n.a.	F 10
S 11	17 5 56	14°22'57	3♓41	4°22	20° 3	4°17	14° 3	1°16	26° 5	6°58	6°38	1°53	1° 6	25° 6	n.a.	S 11
S 12	17 9 53	15°21'36	17°52	6°15	21°18	4°57	13°58	1°13	26° 4	6°59	6°40	1°D53	1° 3	25°13	n.a.	S 12
M13	17 13 49	16°20'18	2♈ 5	8° 8	22°33	5°38	13°52	1°11	26° 4	7° 0	6°42	1°53	1° 0	25°20	n.a.	M13
T 14	17 17 46	17°19'02	16°20	10° 2	23°48	6°18	13°47	1° 8	26° 4	7° 1	6°44	1°54	0°57	25°26	n.a.	T 14
W15	17 21 42	18°17'49	0♉32	11°56	25° 3	6°59	13°42	1° 6	26° 3	7° 2	6°47	1°56	0°54	25°33	n.a.	W15
T 16	17 25 39	19°16'39	14°39	13°50	26°18	7°40	13°37	1° 4	26° 3	7° 3	6°49	1°57	0°51	25°40	n.a.	T 16
F 17	17 29 35	20°15'31	28°38	15°43	27°33	8°20	13°32	1° 2	26° 2	7° 4	6°51	1°R57	0°47	25°46	n.a.	F 17
S 18	17 33 32	21°14'25	12♊25	17°36	28°48	9° 1	13°27	1° 0	26° 1	7° 5	6°53	1°57	0°44	25°53	n.a.	S 18
S 19	17 37 28	22°13'22	25°59	19°28	0♋ 3	9°42	13°22	0°58	26° 1	7° 5	6°55	1°56	0°41	26° 0	n.a.	S 19
M20	17 41 25	23°12'21	9♋16	21°19	1°18	10°23	13°18	0°56	26° 0	7° 6	6°58	1°53	0°38	26° 7	n.a.	M20
T 21	17 45 22	24°11'22	22°16	23°10	2°33	11° 4	13°14	0°54	25°59	7° 7	7° 0	1°50	0°35	26°13	n.a.	T 21
W22	17 49 18	25°10'25	4♌58	25° 0	3°48	11°45	13°10	0°52	25°58	7° 8	7° 2	1°46	0°32	26°20	n.a.	W22
T 23	17 53 15	26° 9'31	17°23	26°49	5° 3	12°26	13° 6	0°51	25°57	7° 9	7° 5	1°43	0°28	26°27	n.a.	T 23
F 24	17 57 11	27° 8'38	29°35	28°37	6°18	13° 7	13° 2	0°49	25°56	7° 9	7° 7	1°39	0°25	26°33	n.a.	F 24
S 25	18 1 8	28° 7'47	11♍36	0♋24	7°33	13°48	12°59	0°48	25°55	7°10	7° 9	1°37	0°22	26°40	n.a.	S 25
S 26	18 5 4	29° 6'59	23°30	2°11	8°48	14°29	12°55	0°46	25°54	7°10	7°11	1°36	0°19	26°47	n.a.	S 26
M27	18 9 1	0♋ 6'12	5♎22	3°56	10° 3	15°10	12°52	0°45	25°53	7°11	7°14	1°D36	0°16	26°54	n.a.	M27
T 28	18 12 57	1° 5'28	17°16	5°41	11°18	15°51	12°49	0°44	25°52	7°12	7°16	1°37	0°12	27° 0	n.a.	T 28
W29	18 16 54	2° 4'45	29°19	7°24	12°34	16°33	12°47	0°43	25°51	7°12	7°18	1°38	0° 9	27° 7	n.a.	W29
T 30	18 20 50	3° 4'05	11♏33	9° 7	13°49	17°14	12°44	0°42	25°50	7°13	7°20	1°40	0° 6	27°14	n.a.	T 30
F 31	18 24 47	4♋ 3'26	24♏ 4	10♋49	15♋ 4	17♋56	12♏42	0♏41	25♒49	7♈13	7♋23	1♊41	0♊ 3	27♍20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	21n40	5s25	3n26	17n20	0s 9	23n14	1n 3	25n19	1n13	17s11	0s22	11s18	1n12	13s59	0s52	0n58	1s57	39n46	15n50	21n 8	21n 4	6n48			n.a.
T 2	21 51	10 44	2 31	17 58	0n 4	23 28	1 5	25 19	1 13	17 9	0 22	11 17	1 12	13 59	0 52	0 59	1 57	39 46	15 50	21 9	21 4	6 45			n.a.
F 3	22 1	15 43	1 27	18 35	0 17	23 41	1 6	25 19	1 13	17 7	0 22	11 16	1 12	13 59	0 52	0 59	1 58	39 46	15 49	21 9	21 3	6 42			n.a.
S 4	22 11	20 8	0 18	19 13	0 29	23 53	1 8	25 19	1 12	17 5	0 22	11 15	1 12	13 59	0 52	1 0	1 58	39 45	15 49	21 9	21 2	6 39			n.a.
S 5	22 21	23 41	0s53	19 49	0 40	24 5	1 9	25 19	1 12	17 3	0 23	11 14	1 11	13 59	0 52	1 0	1 58	39 45	15 49	21 9	21 2	6 36			n.a.
M 6	22 30	26 3	2 3	20 25	0 50	24 16	1 10	25 19	1 12	17 1	0 23	11 13	1 11	13 59	0 52	1 0	1 58	39 45	15 49	21 9	21 1	6 33			n.a.
T 7	22 39	26 58	3 7	21 0	0 59	24 26	1 12	25 18	1 12	17 0	0 23	11 12	1 11	13 59	0 52	1 1	1 58	39 44	15 49	21 8	21 0	6 30			n.a.
W 8	22 47	26 16	4 2	21 33	1 8	24 36	1 13	25 17	1 11	16 58	0 23	11 11	1 11	13 59	0 52	1 1	1 58	39 44	15 48	21 8	21 0	6 27			n.a.
T 9	22 55	23 58	4 43	22 5	1 15	24 45	1 14	25 16	1 11	16 56	0 23	11 10	1 11	14 0	0 52	1 2	1 58	39 44	15 48	21 8	20 59	6 24			n.a.
F 10	23 3	20 14	5 9	22 35	1 22	24 53	1 15	25 15	1 11	16 54	0 23	11 10	1 11	14 0	0 52	1 2	1 58	39 44	15 48	21 8	20 58	6 21			n.a.
S 11	23 10	15 19	5 16	23 4	1 28	25 0	1 16	25 13	1 11	16 53	0 23	11 9	1 10	14 0	0 52	1 3	1 58	39 43	15 48	21 7	20 58	6 18			n.a.
S 12	23 17	9 34	5 4	23 30	1 33	25 7	1 17	25 12	1 10	16 51	0 24	11 8	1 10	14 0	0 52	1 3	1 58	39 43	15 48	21 7	20 57	6 14			n.a.
M13	23 23	3 18	4 33	23 54	1 38	25 12	1 18	25 10	1 10	16 50	0 24	11 7	1 10	14 0	0 52	1 3	1 58	39 43	15 48	21 8	20 56	6 11			n.a.
T 14	23 29	3n 8	3 46	24 16	1 42	25 17	1 19	25 7	1 10	16 48	0 24	11 7	1 10	14 0	0 52	1 4	1 58	39 42	15 48	21 8	20 56	6 8			n.a.
W15	23 35	9 25	2 45	24 35	1 45	25 21	1 20	25 5	1 9	16 47	0 24	11 6	1 10	14 1	0 52	1 4	1 58	39 42	15 47	21 8	20 55	6 5			n.a.
T 16	23 40	15 12	1 34	24 52	1 47	25 25	1 21	25 2	1 9	16 45	0 24	11 5	1 9	14 1	0 52	1 4	1 58	39 42	15 47	21 8	20 54	6 2			n.a.
F 17	23 45	20 7	0 18	25 7	1 48	25 27	1 22	25 0	1 9	16 44	0 24	11 5	1 9	14 1	0 52	1 5	1 58	39 42	15 47	21 8	20 54	5 59			n.a.
S 18	23 49	23 52	0n57	25 20	1 49	25 29	1 22	24 56	1 9	16 42	0 24	11 4	1 9	14 1	0 53	1 5	1 58	39 42	15 47	21 8	20 53	5 56			n.a.
S 19	23 53	26 12	2 8	25 30	1 50	25 30	1 23	24 53	1 8	16 41	0 24	11 4	1 9	14 2	0 53	1 5	1 58	39 41	15 47	21 8	20 52	5 53			n.a.
M20	23 56	26 58	3 11	25 39	1 50	25 30	1 23	24 50	1 8	16 40	0 25	11 3	1 9	14 2	0 53	1 6	1 58	39 41	15 47	21 8	20 52	5 50			n.a.
T 21	23 59	26 12	4 2	25 45	1 49	25 29	1 24	24 46	1 8	16 39	0 25	11 3	1 9	14 2	0 53	1 6	1 58	39 41	15 47	21 7	20 51	5 47			n.a.
W22	24 1	24 5	4 40	25 49	1 48	25 28	1 24	24 42	1 7	16 37	0 25	11 2	1 8	14 2	0 53	1 6	1 59	39 41	15 47	21 6	20 50	5 44			n.a.
T 23	24 3	20 52	5 4	25 51	1 46	25 26	1 25	24 38	1 7	16 36	0 25	11 2	1 8	14 3	0 53	1 6	1 59	39 40	15 47	21 5	20 50	5 41			n.a.
F 24	24 5	16 48	5 13	25 50	1 44	25 23	1 25	24 33	1 7	16 35	0 25	11 2	1 8	14 3	0 53	1 7	1 59	39 40	15 47	21 5	20 49	5 37			n.a.
S 25	24 6	12 9	5 9	25 48	1 41	25 19	1 25	24 29	1 6	16 34	0 25	11 1	1 8	14 4	0 53	1 7	1 59	39 40	15 47	21 4	20 48	5 34			n.a.
S 26	24 7	7 5	4 51	25 44	1 38	25 14	1 25	24 24	1 6	16 33	0 25	11 1	1 8	14 4	0 53	1 7	1 59	39 40	15 47	21 4	20 48	5 31			n.a.
M27	24 7	1 47	4 21	25 38	1 35	25 9	1 25	24 19	1 6	16 33	0 25	11 1	1 7	14 4	0 53	1 7	1 59	39 40	15 47	21 4	20 47	5 28			n.a.
T 28	24 7	3s36	3 39	25 31	1 31	25 2	1 25	24 14	1 6	16 32	0 25	11 0	1 7	14 5	0 53	1 7	1 59	39 40	15 47	21 4	20 46	5 25			n.a.
W29	24 6	8 56	2 48	25 22	1 27	24 55	1 25	24 8	1 5	16 31	0 26	11 0	1 7	14 5	0 53	1 7	1 59	39 39	15 47	21 4	20 45	5 22			n.a.
T 30	24 5	14 1	1 48	25 11	1 23	24 47	1 25	24 3	1 5	16 30	0 26	11 0	1 7	14 6	0 53	1 8	1 59	39 39	15 47	21 5	20 45	5 19			n.a.
F 31	24n 3	18s39	0n42	24n58	1n19	24n39	1n25	23n57	1n 5	16s30	0s26	11s 0	1n 7	14s 6	0s53	1n 8	1s59	39n39	15n47	21n 5	20n44	5n16			n.a.

Julian Day Number = 189015.5, Delta T = 32h31m33s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'37, Lahiri = -61°35'36 Julian Calendar 1 July 4196 BCE == Greg. Calendar 29 May 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

AUGUST 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 28 43	5♋ 2'50	6♐54	12♋30	16♋19	18♋37	12°R39	0°R41	25°R47	7♈14	7♋25	1°R42	29♉59	27♍27	n.a.	S 1
S 2	18 32 40	6° 2'16	20° 4	14°10	17°34	19°19	12♏38	0♏40	25♒46	7°14	7°27	1♊40	29°57	27°34	n.a.	S 2
M 3	18 36 36	7° 1'45	3♑36	15°50	18°49	20° 0	12°36	0°39	25°45	7°14	7°30	1°37	29°53	27°41	n.a.	M 3
T 4	18 40 33	8° 1'15	17°27	17°28	20° 4	20°42	12°34	0°39	25°43	7°15	7°32	1°32	29°50	27°47	n.a.	T 4
W 5	18 44 30	9° 0'48	1♒33	19° 6	21°19	21°24	12°33	0°39	25°42	7°15	7°34	1°27	29°47	27°54	n.a.	W 5
T 6	18 48 26	10° 0'23	15°50	20°43	22°34	22° 5	12°32	0°38	25°40	7°15	7°37	1°21	29°44	28° 1	n.a.	T 6
F 7	18 52 23	11° 0'01	0♓13	22°19	23°50	22°47	12°31	0°38	25°39	7°15	7°39	1°15	29°41	28° 7	n.a.	F 7
S 8	18 56 19	11°59'41	14°36	23°55	25° 5	23°29	12°30	0°D38	25°37	7°16	7°41	1°10	29°38	28°14	n.a.	S 8
S 9	19 0 16	12°59'24	28°54	25°30	26°20	24°11	12°29	0°38	25°35	7°16	7°43	1° 8	29°34	28°21	n.a.	S 9
M10	19 4 12	13°59'09	13♈ 6	27° 4	27°35	24°53	12°29	0°39	25°34	7°16	7°46	1°D 7	29°31	28°27	n.a.	M10
T 11	19 8 9	14°58'57	27° 9	28°37	28°50	25°35	12°D29	0°39	25°32	7°16	7°48	1° 7	29°28	28°34	n.a.	T 11
W12	19 12 5	15°58'47	11♉ 2	0♌10	0♌ 5	26°17	12°29	0°39	25°30	7°16	7°50	1° 9	29°25	28°41	n.a.	W12
T 13	19 16 2	16°58'40	24°44	1°42	1°20	26°59	12°29	0°40	25°28	7°R16	7°53	1°R10	29°22	28°48	n.a.	T 13
F 14	19 19 58	17°58'35	8♊17	3°13	2°35	27°41	12°29	0°40	25°27	7°16	7°55	1°10	29°18	28°54	n.a.	F 14
S 15	19 23 55	18°58'33	21°39	4°44	3°51	28°24	12°30	0°41	25°25	7°16	7°57	1° 8	29°15	29° 1	n.a.	S 15
S 16	19 27 51	19°58'33	4♋49	6°13	5° 6	29° 6	12°31	0°42	25°23	7°16	7°59	1° 3	29°12	29° 8	n.a.	S 16
M17	19 31 48	20°58'35	17°48	7°43	6°21	29°48	12°32	0°43	25°21	7°16	8° 2	0°57	29° 9	29°14	n.a.	M17
T 18	19 35 44	21°58'40	0♌33	9°11	7°36	0♌31	12°33	0°44	25°19	7°16	8° 4	0°48	29° 6	29°21	n.a.	T 18
W19	19 39 41	22°58'47	13° 6	10°39	8°51	1°13	12°34	0°45	25°17	7°15	8° 6	0°38	29° 3	29°28	n.a.	W19
T 20	19 43 38	23°58'55	25°26	12° 6	10° 6	1°56	12°36	0°46	25°15	7°15	8° 8	0°28	28°59	29°35	n.a.	T 20
F 21	19 47 34	24°59'06	7♍34	13°32	11°21	2°38	12°38	0°47	25°13	7°15	8°11	0°18	28°56	29°41	n.a.	F 21
S 22	19 51 31	25°59'18	19°33	14°58	12°36	3°21	12°40	0°49	25°11	7°15	8°13	0°10	28°53	29°48	n.a.	S 22
S 23	19 55 27	26°59'32	1♎25	16°23	13°51	4° 4	12°42	0°50	25° 9	7°14	8°15	0° 4	28°50	29°55	n.a.	S 23
M24	19 59 24	27°59'48	13°14	17°47	15° 7	4°46	12°44	0°52	25° 7	7°14	8°17	0° 1	28°47	0♎ 1	n.a.	M24
T 25	20 3 20	29° 0'06	25° 6	19°10	16°22	5°29	12°47	0°54	25° 4	7°14	8°19	29°D59	28°43	0° 8	n.a.	T 25
W26	20 7 17	0♌ 0'26	7♏ 6	20°32	17°37	6°12	12°50	0°56	25° 2	7°13	8°22	29♉59	28°40	0°15	n.a.	W26
T 27	20 11 13	1° 0'48	19°18	21°53	18°52	6°55	12°53	0°58	25° 0	7°13	8°24	0♊ 0	28°37	0°21	n.a.	T 27
F 28	20 15 10	2° 1'11	1♐48	23°13	20° 7	7°38	12°56	1° 0	24°58	7°12	8°26	0°R 1	28°34	0°28	n.a.	F 28
S 29	20 19 6	3° 1'36	14°40	24°32	21°22	8°21	12°59	1° 2	24°56	7°12	8°28	29♉59	28°31	0°35	n.a.	S 29
S 30	20 23 3	4° 2'03	27°58	25°49	22°37	9° 4	13° 3	1° 4	24°53	7°11	8°30	29°56	28°28	0°42	n.a.	S 30
M31	20 26 59	5♌ 2'31	11♑43	27♌ 6	23♌52	9♌47	13♏ 6	1♏ 6	24♒51	7♈11	8♋32	29♉50	28♉24	0♎48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	24n 1	22s32	0s28	24n44	1n14	24n29	1n25	23n50	1n 4	16s29	0s26	11s 0	1n 6	14s 7	0s53	1n 8	1s59	39n39	15n47	21n 5	20n43	5n13		n.a.	S 1
S 2	23 58	25 22	1 39	24 29	1 9	24 19	1 25	23 44	1 4	16 29	0 26	11 0	1 6	14 7	0 53	1 8	1 59	39 39	15 47	21 5	20 43	5 9		n.a.	S 2
M 3	23 55	26 49	2 45	24 12	1 4	24 9	1 24	23 37	1 3	16 28	0 26	11 0	1 6	14 8	0 53	1 8	1 59	39 39	15 47	21 4	20 42	5 6		n.a.	M 3
T 4	23 52	26 38	3 43	23 54	0 58	23 57	1 24	23 31	1 3	16 28	0 26	11 0	1 6	14 8	0 53	1 8	1 59	39 39	15 47	21 3	20 41	5 3		n.a.	T 4
W 5	23 48	24 44	4 29	23 35	0 52	23 45	1 23	23 24	1 3	16 27	0 26	11 0	1 6	14 9	0 53	1 8	1 59	39 39	15 47	21 2	20 41	5 0		n.a.	W 5
T 6	23 43	21 16	4 58	23 14	0 47	23 31	1 23	23 16	1 2	16 27	0 26	11 0	1 6	14 9	0 53	1 8	1 59	39 39	15 47	21 1	20 40	4 57		n.a.	T 6
F 7	23 39	16 31	5 9	22 53	0 41	23 18	1 22	23 9	1 2	16 27	0 26	11 0	1 5	14 10	0 53	1 8	2 0	39 38	15 47	21 0	20 39	4 54		n.a.	F 7
S 8	23 33	10 50	5 1	22 30	0 34	23 3	1 21	23 1	1 2	16 27	0 27	11 0	1 5	14 10	0 53	1 8	2 0	39 38	15 47	20 59	20 39	4 51		n.a.	S 8
S 9	23 28	4 37	4 34	22 6	0 28	22 48	1 21	22 53	1 1	16 26	0 27	11 1	1 5	14 11	0 53	1 8	2 0	39 38	15 47	20 58	20 38	4 48		n.a.	S 9
M10	23 21	1n48	3 50	21 42	0 22	22 32	1 20	22 45	1 1	16 26	0 27	11 1	1 5	14 12	0 53	1 8	2 0	39 38	15 47	20 58	20 37	4 44		n.a.	M10
T 11	23 15	8 4	2 53	21 16	0 15	22 16	1 19	22 37	1 1	16 26	0 27	11 1	1 5	14 12	0 53	1 8	2 0	39 38	15 47	20 58	20 36	4 41		n.a.	T 11
W12	23 8	13 52	1 47	20 50	0 9	21 58	1 18	22 29	1 0	16 27	0 27	11 1	1 4	14 13	0 53	1 8	2 0	39 38	15 47	20 58	20 36	4 38		n.a.	W12
T 13	23 0	18 56	0 35	20 22	0 2	21 41	1 17	22 20	1 0	16 27	0 27	11 2	1 4	14 14	0 53	1 8	2 0	39 38	15 48	20 58	20 35	4 35		n.a.	T 13
F 14	22 52	22 56	0n38	19 55	0s 5	21 22	1 16	22 11	0 59	16 27	0 27	11 2	1 4	14 14	0 53	1 8	2 0	39 38	15 48	20 58	20 34	4 32		n.a.	F 14
S 15	22 44	25 39	1 48	19 26	0 12	21 3	1 15	22 2	0 59	16 27	0 27	11 3	1 4	14 15	0 53	1 8	2 0	39 38	15 48	20 58	20 34	4 29		n.a.	S 15
S 16	22 35	26 52	2 51	18 57	0 19	20 43	1 14	21 52	0 59	16 27	0 27	11 3	1 4	14 16	0 53	1 8	2 0	39 38	15 48	20 57	20 33	4 26		n.a.	S 16
M17	22 26	26 35	3 44	18 27	0 26	20 23	1 12	21 43	0 58	16 28	0 27	11 4	1 3	14 16	0 54	1 8	2 0	39 38	15 48	20 56	20 32	4 23		n.a.	M17
T 18	22 16	24 53	4 24	17 56	0 33	20 2	1 11	21 33	0 58	16 28	0 27	11 4	1 3	14 17	0 54	1 8	2 0	39 38	15 48	20 54	20 31	4 19		n.a.	T 18
W19	22 6	22 0	4 51	17 25	0 40	19 40	1 10	21 23	0 57	16 29	0 27	11 5	1 3	14 18	0 54	1 8	2 0	39 38	15 49	20 52	20 31	4 16		n.a.	W19
T 20	21 55	18 9	5 4	16 54	0 47	19 18	1 8	21 13	0 57	16 29	0 27	11 5	1 3	14 18	0 54	1 7	2 0	39 38	15 49	20 49	20 30	4 13		n.a.	T 20
F 21	21 44	13 38	5 3	16 22	0 54	18 56	1 7	21 3	0 57	16 30	0 28	11 6	1 3	14 19	0 54	1 7	2 0	39 38	15 49	20 47	20 29	4 10		n.a.	F 21
S 22	21 33	8 39	4 48	15 50	1 1	18 33	1 5	20 52	0 56	16 31	0 28	11 7	1 2	14 20	0 54	1 7	2 0	39 38	15 49	20 46	20 29	4 7		n.a.	S 22
S 23	21 21	3 24	4 21	15 18	1 8	18 9	1 4	20 41	0 56	16 31	0 28	11 7	1 2	14 21	0 54	1 7	2 0	39 38	15 49	20 44	20 28	4 4		n.a.	S 23
M24	21 9	1s58	3 43	14 45	1 15	17 45	1 2	20 30	0 55	16 32	0 28	11 8	1 2	14 21	0 54	1 7	2 1	39 38	15 49	20 44	20 27	4 0		n.a.	M24
T 25	20 56	7 17	2 55	14 12	1 22	17 20	1 0	20 19	0 55	16 33	0 28	11 9	1 2	14 22	0 54	1 7	2 1	39 38	15 50	20 43	20 26	3 57		n.a.	T 25
W26	20 43	12 24	1 59	13 40	1 29	16 55	0 59	20 8	0 54	16 34	0 28	11 10	1 2	14 23	0 54	1 6	2 1	39 38	15 50	20 43	20 26	3 54		n.a.	W26
T 27	20 30	17 8	0 57	13 7	1 35	16 29	0 57	19 56	0 54	16 35	0 28	11 11	1 2	14 24	0 54	1 6	2 1	39 38	15 50	20 44	20 25	3 51		n.a.	T 27
F 28	20 16	21 16	0s10	12 34	1 42	16 3	0 55	19 45	0 54	16 36	0 28	11 11	1 1	14 24	0 54	1 6	2 1	39 38	15 50	20 44	20 24	3 48		n.a.	F 28
S 29	20 2	24 29	1 17	12 1	1 48	15 37	0 53	19 33	0 53	16 37	0 28	11 12	1 1	14 25	0 54	1 6	2 1	39 39	15 51	20 43	20 24	3 45		n.a.	S 29
S 30	19 47	26 29	2 23	11 29	1 55	15 10	0 51	19 21	0 53	16 38	0 28	11 13	1 1	14 26	0 54	1 5	2 1	39 39	15 51	20 43	20 23	3 42		n.a.	S 30
M31	19n33	26s57	3s23	10n56	2s 1	14n43	0n49	19n 8	0n52	16s40	0s28	11s14	1n 1	14s27	0s54	1n 5	2s 1	39n39	15n51	20n41	20n22	3n38		n.a.	M31

Julian Day Number = 189046.5, Delta T = 32h31m30s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'33, Lahiri = -61°35'32 Julian Calendar 1 Aug. 4196 BCE == Greg. Calendar 29 June 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

SEPTEMBER 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 30 56	6♌ 3'01	25♉53	28♌20	25♌ 7	10♌30	13♏10	1♏ 9	24°R49	7°R10	8♋34	29°R42	28♉21	0♎55	n.a.	T 1
W 2	20 34 53	7° 3'33	10♒24	29°33	26°22	11°13	13°14	1°11	24♒46	7♈ 9	8°37	29♉32	28°18	1° 2	n.a.	W 2
T 3	20 38 49	8° 4'07	25°10	0♍44	27°37	11°56	13°19	1°14	24°44	7° 9	8°39	29°21	28°15	1° 8	n.a.	T 3
F 4	20 42 46	9° 4'43	10♓ 1	1°53	28°52	12°40	13°23	1°16	24°42	7° 8	8°41	29°11	28°12	1°15	n.a.	F 4
S 5	20 46 42	10° 5'21	24°49	3° 0	0♍ 7	13°23	13°28	1°19	24°39	7° 7	8°43	29° 2	28° 9	1°22	n.a.	S 5
S 6	20 50 39	11° 6'00	9♈27	4° 5	1°22	14° 7	13°33	1°22	24°37	7° 6	8°45	28°56	28° 5	1°29	n.a.	S 6
M 7	20 54 35	12° 6'42	23°50	5° 6	2°37	14°50	13°38	1°25	24°34	7° 6	8°47	28°52	28° 2	1°35	n.a.	M 7
T 8	20 58 32	13° 7'26	7♉55	6° 4	3°51	15°33	13°43	1°28	24°32	7° 5	8°49	28°D51	27°59	1°42	n.a.	T 8
W 9	21 2 28	14° 8'11	21°41	6°58	5° 6	16°17	13°48	1°31	24°29	7° 4	8°51	28°R51	27°56	1°49	n.a.	W 9
T 10	21 6 25	15° 8'59	5♊11	7°49	6°21	17° 1	13°54	1°35	24°27	7° 3	8°53	28°51	27°53	1°55	n.a.	T 10
F 11	21 10 21	16° 9'49	18°25	8°35	7°36	17°44	14° 0	1°38	24°24	7° 2	8°55	28°50	27°49	2° 2	n.a.	F 11
S 12	21 14 18	17°10'41	1♋26	9°15	8°51	18°28	14° 5	1°41	24°22	7° 1	8°57	28°46	27°46	2° 9	n.a.	S 12
S 13	21 18 14	18°11'34	14°15	9°50	10° 6	19°12	14°11	1°45	24°19	7° 0	8°58	28°39	27°43	2°15	n.a.	S 13
M14	21 22 11	19°12'29	26°54	10°19	11°21	19°56	14°18	1°49	24°17	6°59	9° 0	28°29	27°40	2°22	n.a.	M14
T 15	21 26 8	20°13'26	9♌22	10°40	12°36	20°40	14°24	1°52	24°14	6°58	9° 2	28°17	27°37	2°29	n.a.	T 15
W16	21 30 4	21°14'24	21°42	10°53	13°50	21°23	14°31	1°56	24°12	6°57	9° 4	28° 2	27°34	2°36	n.a.	W16
T 17	21 34 1	22°15'24	3♍52	10°R58	15° 5	22° 7	14°37	2° 0	24° 9	6°56	9° 6	27°48	27°30	2°42	n.a.	T 17
F 18	21 37 57	23°16'24	15°54	10°54	16°20	22°51	14°44	2° 4	24° 7	6°55	9° 8	27°33	27°27	2°49	n.a.	F 18
S 19	21 41 54	24°17'27	27°49	10°39	17°35	23°35	14°51	2° 8	24° 4	6°54	9° 9	27°21	27°24	2°56	n.a.	S 19
S 20	21 45 50	25°18'30	9♎39	10°14	18°50	24°20	14°58	2°12	24° 2	6°52	9°11	27°11	27°21	3° 2	n.a.	S 20
M21	21 49 47	26°19'34	21°26	9°38	20° 4	25° 4	15° 6	2°16	23°59	6°51	9°13	27° 5	27°18	3° 9	n.a.	M21
T 22	21 53 43	27°20'40	3♏16	8°52	21°19	25°48	15°13	2°21	23°57	6°50	9°15	27° 1	27°15	3°16	n.a.	T 22
W23	21 57 40	28°21'46	15°12	7°55	22°34	26°32	15°21	2°25	23°54	6°49	9°16	26°59	27°11	3°22	n.a.	W23
T 24	22 1 37	29°22'54	27°20	6°49	23°48	27°17	15°29	2°30	23°52	6°48	9°18	26°59	27° 8	3°29	n.a.	T 24
F 25	22 5 33	0♍24'02	9♐45	5°36	25° 3	28° 1	15°37	2°34	23°49	6°46	9°19	26°59	27° 5	3°36	n.a.	F 25
S 26	22 9 30	1°25'12	22°32	4°17	26°18	28°45	15°45	2°39	23°47	6°45	9°21	26°57	27° 2	3°43	n.a.	S 26
S 27	22 13 26	2°26'22	5♑47	2°55	27°32	29°30	15°53	2°43	23°44	6°44	9°23	26°54	26°59	3°49	n.a.	S 27
M28	22 17 23	3°27'33	19°31	1°33	28°47	0♍14	16° 2	2°48	23°42	6°42	9°24	26°48	26°55	3°56	n.a.	M28
T 29	22 21 19	4°28'45	3♒45	0°13	0♎ 1	0°59	16°10	2°53	23°39	6°41	9°26	26°39	26°52	4° 3	n.a.	T 29
W30	22 25 16	5♍29'57	18♒27	28♌58	1♎16	1♍43	16♏19	2♏58	23♒37	6♈40	9♋27	26♉28	26♉49	4♎ 9	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n17	25s41	4s11	10n25	2s 7	14n15	0n47	18n56	0n52	16s41	0s28	11s15	1n 1	14s28	0s54	1n 5	2s 1	39n39	15n51	20n40	20n21	3n35		n.a.
W 2	19 2	22 41	4 45	9 53	2 13	13 47	0 45	18 43	0 51	16 42	0 28	11 16	1 0	14 29	0 54	1 4	2 1	39 39	15 52	20 37	20 21	3 32		n.a.
T 3	18 46	18 12	5 1	9 23	2 18	13 19	0 43	18 30	0 51	16 44	0 28	11 18	1 0	14 29	0 54	1 4	2 1	39 39	15 52	20 35	20 20	3 29		n.a.
F 4	18 29	12 35	4 56	8 53	2 23	12 50	0 41	18 17	0 50	16 45	0 28	11 19	1 0	14 30	0 54	1 4	2 1	39 39	15 52	20 33	20 19	3 26		n.a.
S 5	18 13	6 15	4 32	8 24	2 28	12 21	0 38	18 4	0 50	16 47	0 28	11 20	1 0	14 31	0 54	1 3	2 1	39 39	15 53	20 31	20 18	3 22		n.a.
S 6	17 56	0n20	3 50	7 56	2 32	11 51	0 36	17 51	0 49	16 48	0 29	11 21	1 0	14 32	0 54	1 3	2 1	39 40	15 53	20 29	20 18	3 19		n.a.
M 7	17 39	6 49	2 54	7 30	2 36	11 22	0 34	17 37	0 49	16 50	0 29	11 22	0 59	14 33	0 54	1 3	2 1	39 40	15 53	20 28	20 17	3 16		n.a.
T 8	17 21	12 50	1 49	7 5	2 40	10 52	0 32	17 24	0 48	16 51	0 29	11 24	0 59	14 34	0 54	1 2	2 1	39 40	15 54	20 28	20 16	3 13		n.a.
W 9	17 3	18 6	0 38	6 41	2 43	10 21	0 29	17 10	0 48	16 53	0 29	11 25	0 59	14 34	0 54	1 2	2 1	39 40	15 54	20 28	20 16	3 10		n.a.
T 10	16 45	22 19	0n33	6 20	2 45	9 51	0 27	16 56	0 47	16 55	0 29	11 26	0 59	14 35	0 54	1 1	2 1	39 40	15 54	20 28	20 15	3 7		n.a.
F 11	16 26	25 17	1 41	6 1	2 47	9 20	0 24	16 42	0 47	16 57	0 29	11 28	0 59	14 36	0 54	1 1	2 1	39 40	15 55	20 28	20 14	3 3		n.a.
S 12	16 7	26 50	2 43	5 45	2 47	8 49	0 22	16 27	0 46	16 59	0 29	11 29	0 59	14 37	0 54	1 1	2 2	39 41	15 55	20 27	20 13	3 0		n.a.
S 13	15 48	26 54	3 35	5 32	2 47	8 18	0 20	16 13	0 46	17 0	0 29	11 30	0 58	14 38	0 54	1 0	2 2	39 41	15 55	20 25	20 13	2 57		n.a.
M14	15 29	25 33	4 16	5 22	2 46	7 46	0 17	15 58	0 45	17 2	0 29	11 32	0 58	14 39	0 54	1 0	2 2	39 41	15 56	20 23	20 12	2 54		n.a.
T 15	15 9	22 57	4 43	5 16	2 43	7 15	0 15	15 43	0 45	17 4	0 29	11 33	0 58	14 40	0 54	0 59	2 2	39 41	15 56	20 20	20 11	2 51		n.a.
W16	14 49	19 20	4 57	5 14	2 40	6 43	0 12	15 28	0 44	17 6	0 29	11 35	0 58	14 40	0 54	0 59	2 2	39 42	15 56	20 17	20 10	2 47		n.a.
T 17	14 29	14 58	4 58	5 17	2 35	6 11	0 9	15 13	0 44	17 9	0 29	11 36	0 58	14 41	0 54	0 58	2 2	39 42	15 57	20 14	20 10	2 44		n.a.
F 18	14 9	10 3	4 44	5 25	2 28	5 39	0 7	14 58	0 43	17 11	0 29	11 38	0 58	14 42	0 54	0 58	2 2	39 42	15 57	20 10	20 9	2 41		n.a.
S 19	13 48	4 50	4 19	5 38	2 20	5 6	0 4	14 42	0 43	17 13	0 29	11 39	0 57	14 43	0 54	0 57	2 2	39 42	15 58	20 7	20 8	2 38		n.a.
S 20	13 27	0s32	3 42	5 57	2 10	4 34	0 2	14 27	0 42	17 15	0 29	11 41	0 57	14 44	0 54	0 57	2 2	39 43	15 58	20 5	20 7	2 35		n.a.
M21	13 6	5 53	2 56	6 22	1 58	4 1	0s 1	14 11	0 42	17 17	0 29	11 43	0 57	14 45	0 54	0 56	2 2	39 43	15 58	20 4	20 7	2 31		n.a.
T 22	12 44	11 3	2 2	6 52	1 44	3 29	0 4	13 55	0 41	17 20	0 29	11 44	0 57	14 46	0 54	0 56	2 2	39 43	15 59	20 3	20 6	2 28		n.a.
W23	12 22	15 52	1 2	7 28	1 29	2 56	0 6	13 39	0 41	17 22	0 29	11 46	0 57	14 46	0 54	0 55	2 2	39 43	15 59	20 2	20 5	2 25		n.a.
T 24	12 1	20 9	0s 2	8 9	1 12	2 23	0 9	13 23	0 40	17 24	0 30	11 48	0 57	14 47	0 54	0 55	2 2	39 44	16 0	20 2	20 4	2 22		n.a.
F 25	11 39	23 39	1 7	8 54	0 53	1 51	0 12	13 7	0 40	17 27	0 30	11 50	0 56	14 48	0 54	0 54	2 2	39 44	16 0	20 2	20 4	2 19		n.a.
S 26	11 16	26 5	2 11	9 42	0 34	1 18	0 14	12 51	0 39	17 29	0 30	11 51	0 56	14 49	0 54	0 54	2 2	39 44	16 1	20 2	20 3	2 15		n.a.
S 27	10 54	27 9	3 10	10 31	0 13	0 45	0 17	12 34	0 38	17 32	0 30	11 53	0 56	14 50	0 54	0 53	2 2	39 45	16 1	20 1	20 2	2 12		n.a.
M28	10 31	26 36	4 0	11 20	0n 7	0 12	0 20	12 18	0 38	17 34	0 30	11 55	0 56	14 51	0 54	0 52	2 2	39 45	16 2	20 0	20 1	2 9		n.a.
T 29	10 8	24 20	4 37	12 8	0 27	0s21	0 22	12 1	0 37	17 37	0 30	11 57	0 56	14 51	0 54	0 52	2 2	39 45	16 2	19 58	20 1	2 6		n.a.
W30	9n45	20s25	4s57	12n53	0n47	0s54	0s25	11n44	0n37	17s40	0s30	11s59	0n56	14s52	0s54	0n51	2s 2	39n46	16n 2	19n55	20n 0	2n 3		n.a.

Julian Day Number = 189077.5, Delta T = 32h31m27s
Ecliptic obliquity = 24°07'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'28, Lahiri = -61°35'28 Julian Calendar 1 Sept. 4196 BCE == Greg. Calendar 30 July 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

OCTOBER 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 29 12	6♍31'10	3♓28	27°R51	2♎31	2♍28	16♏28	3♏ 3	23°R35	6°R38	9♋29	26°R17	26♉46	4♎16	n.a.	T 1
F 2	22 33 9	7°32'24	18°40	26♌52	3°45	3°13	16°37	3° 8	23♒32	6♈37	9°30	26♉ 5	26°43	4°23	n.a.	F 2
S 3	22 37 6	8°33'39	3♈52	26° 5	4°59	3°57	16°46	3°13	23°30	6°35	9°32	25°56	26°40	4°29	n.a.	S 3
S 4	22 41 2	9°34'55	18°53	25°28	6°14	4°42	16°55	3°18	23°27	6°34	9°33	25°49	26°36	4°36	n.a.	S 4
M 5	22 44 59	10°36'12	3♉36	25° 3	7°28	5°27	17° 4	3°24	23°25	6°32	9°34	25°44	26°33	4°43	n.a.	M 5
T 6	22 48 55	11°37'30	17°55	24°49	8°43	6°12	17°14	3°29	23°23	6°31	9°36	25°43	26°30	4°49	n.a.	T 6
W 7	22 52 52	12°38'49	1♊50	24°D46	9°57	6°57	17°23	3°34	23°20	6°29	9°37	25°D43	26°27	4°56	n.a.	W 7
T 8	22 56 48	13°40'09	15°20	24°53	11°12	7°42	17°33	3°40	23°18	6°28	9°38	25°R43	26°24	5° 3	n.a.	T 8
F 9	23 0 45	14°41'30	28°29	25°10	12°26	8°27	17°43	3°45	23°16	6°26	9°39	25°42	26°21	5°10	n.a.	F 9
S 10	23 4 42	15°42'52	11♋20	25°35	13°40	9°12	17°53	3°51	23°13	6°25	9°41	25°39	26°17	5°16	n.a.	S 10
S 11	23 8 38	16°44'15	23°56	26° 8	14°55	9°57	18° 3	3°57	23°11	6°23	9°42	25°33	26°14	5°23	n.a.	S 11
M12	23 12 35	17°45'38	6♌20	26°48	16° 9	10°42	18°13	4° 2	23° 9	6°21	9°43	25°25	26°11	5°30	n.a.	M12
T 13	23 16 31	18°47'02	18°34	27°34	17°23	11°27	18°23	4° 8	23° 7	6°20	9°44	25°14	26° 8	5°36	n.a.	T 13
W14	23 20 28	19°48'27	0♍41	28°25	18°37	12°12	18°34	4°14	23° 4	6°18	9°45	25° 1	26° 5	5°43	n.a.	W14
T 15	23 24 24	20°49'51	12°41	29°21	19°51	12°57	18°44	4°20	23° 2	6°17	9°46	24°48	26° 1	5°50	n.a.	T 15
F 16	23 28 21	21°51'16	24°36	0♍22	21° 6	13°43	18°55	4°26	23° 0	6°15	9°47	24°35	25°58	5°56	n.a.	F 16
S 17	23 32 17	22°52'42	6♎27	1°26	22°20	14°28	19° 6	4°32	22°58	6°13	9°48	24°24	25°55	6° 3	n.a.	S 17
S 18	23 36 14	23°54'07	18°16	2°33	23°34	15°13	19°17	4°38	22°56	6°12	9°49	24°16	25°52	6°10	n.a.	S 18
M19	23 40 11	24°55'33	0♏ 5	3°43	24°48	15°59	19°28	4°44	22°54	6°10	9°50	24°10	25°49	6°16	n.a.	M19
T 20	23 44 7	25°56'58	11°56	4°56	26° 2	16°44	19°39	4°50	22°52	6° 8	9°51	24° 6	25°46	6°23	n.a.	T 20
W21	23 48 4	26°58'24	23°53	6°11	27°16	17°30	19°50	4°56	22°50	6° 7	9°52	24°D 6	25°42	6°30	n.a.	W21
T 22	23 52 0	27°59'50	6♐ 0	7°27	28°30	18°15	20° 1	5° 3	22°48	6° 5	9°53	24° 6	25°39	6°37	n.a.	T 22
F 23	23 55 57	29° 1'15	18°23	8°45	29°44	19° 1	20°12	5° 9	22°46	6° 3	9°53	24° 7	25°36	6°43	n.a.	F 23
S 24	23 59 54	0♎ 2'40	1♑ 4	10° 5	0♏58	19°46	20°24	5°15	22°44	6° 2	9°54	24°R 8	25°33	6°50	n.a.	S 24
S 25	0 3 50	1° 4'04	14°11	11°26	2°12	20°32	20°35	5°22	22°42	6° 0	9°55	24° 7	25°30	6°57	n.a.	S 25
M26	0 7 47	2° 5'29	27°45	12°48	3°26	21°18	20°47	5°28	22°41	5°58	9°56	24° 4	25°26	7° 3	n.a.	M26
T 27	0 11 43	3° 6'52	11♒50	14°12	4°40	22° 3	20°59	5°35	22°39	5°56	9°56	23°58	25°23	7°10	n.a.	T 27
W28	0 15 40	4° 8'15	26°23	15°36	5°53	22°49	21°11	5°41	22°37	5°55	9°57	23°52	25°20	7°17	n.a.	W28
T 29	0 19 36	5° 9'38	11♓21	17° 1	7° 7	23°35	21°23	5°48	22°36	5°53	9°57	23°44	25°17	7°23	n.a.	T 29
F 30	0 23 33	6°11'00	26°35	18°27	8°21	24°21	21°35	5°54	22°34	5°51	9°58	23°36	25°14	7°30	n.a.	F 30
S 31	0 27 30	7♎12'22	11♈55	19♍53	9♏35	25♍ 6	21♏47	6♏ 1	22♒32	5♈50	9♋59	23♉29	25♉11	7♎37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9n22	15s 7	4s58	13n35	1n 5	1s27	0s28	11n27	0n36	17s42	0s30	12s 1	0n55	14s53	0s54	0n51	2s 2	39n46	16n 3	19n52	19n59	1n59			n.a.
F 2	8 59	8 50	4 38	14 11	1 22	2 0	0 31	11 10	0 36	17 45	0 30	12 2	0 55	14 54	0 54	0 50	2 2	39 46	16 3	19 49	19 58	1 56			n.a.
S 3	8 35	2 2	3 58	14 42	1 37	2 33	0 33	10 53	0 35	17 48	0 30	12 4	0 55	14 55	0 54	0 49	2 2	39 47	16 4	19 47	19 58	1 53			n.a.
S 4	8 12	4n49	3 2	15 7	1 50	3 5	0 36	10 35	0 34	17 50	0 30	12 6	0 55	14 55	0 54	0 49	2 2	39 47	16 4	19 45	19 57	1 50			n.a.
M 5	7 48	11 17	1 54	15 26	2 1	3 38	0 38	10 18	0 34	17 53	0 30	12 8	0 55	14 56	0 54	0 48	2 2	39 47	16 5	19 44	19 56	1 46			n.a.
T 6	7 24	17 0	0 41	15 40	2 11	4 11	0 41	10 0	0 33	17 56	0 30	12 10	0 55	14 57	0 54	0 48	2 2	39 48	16 5	19 44	19 55	1 43			n.a.
W 7	7 0	21 38	0n32	15 48	2 18	4 43	0 44	9 43	0 33	17 59	0 30	12 12	0 55	14 58	0 54	0 47	2 2	39 48	16 6	19 44	19 55	1 40			n.a.
T 8	6 36	24 59	1 42	15 51	2 24	5 15	0 46	9 25	0 32	18 2	0 30	12 14	0 54	14 59	0 54	0 46	2 2	39 49	16 6	19 44	19 54	1 37			n.a.
F 9	6 12	26 51	2 44	15 50	2 29	5 48	0 49	9 7	0 31	18 5	0 30	12 16	0 54	14 59	0 54	0 46	2 2	39 49	16 7	19 44	19 53	1 34			n.a.
S 10	5 47	27 13	3 37	15 44	2 32	6 20	0 52	8 49	0 31	18 8	0 30	12 19	0 54	15 0	0 54	0 45	2 2	39 49	16 7	19 43	19 52	1 30			n.a.
S 11	5 23	26 9	4 18	15 34	2 34	6 52	0 54	8 31	0 30	18 11	0 30	12 21	0 54	15 1	0 54	0 44	2 2	39 50	16 8	19 42	19 52	1 27			n.a.
M12	4 58	23 49	4 46	15 20	2 34	7 23	0 57	8 13	0 30	18 14	0 30	12 23	0 54	15 2	0 54	0 44	2 3	39 50	16 9	19 39	19 51	1 24			n.a.
T 13	4 33	20 25	5 0	15 4	2 34	7 55	0 59	7 55	0 29	18 17	0 31	12 25	0 54	15 2	0 54	0 43	2 3	39 51	16 9	19 37	19 50	1 21			n.a.
W14	4 9	16 12	5 0	14 44	2 33	8 26	1 2	7 37	0 28	18 20	0 31	12 27	0 54	15 3	0 54	0 42	2 3	39 51	16 10	19 34	19 49	1 17			n.a.
T 15	3 44	11 23	4 48	14 22	2 31	8 58	1 4	7 18	0 28	18 23	0 31	12 29	0 53	15 4	0 54	0 42	2 3	39 52	16 10	19 30	19 48	1 14			n.a.
F 16	3 19	6 12	4 22	13 57	2 28	9 29	1 6	7 0	0 27	18 26	0 31	12 31	0 53	15 4	0 53	0 41	2 3	39 52	16 11	19 27	19 48	1 11			n.a.
S 17	2 54	0 48	3 46	13 31	2 25	9 59	1 9	6 41	0 26	18 29	0 31	12 34	0 53	15 5	0 53	0 40	2 3	39 53	16 11	19 24	19 47	1 8			n.a.
S 18	2 29	4s37	2 59	13 2	2 21	10 30	1 11	6 23	0 26	18 32	0 31	12 36	0 53	15 6	0 53	0 40	2 3	39 53	16 12	19 22	19 46	1 5			n.a.
M19	2 4	9 53	2 5	12 32	2 17	11 0	1 13	6 4	0 25	18 35	0 31	12 38	0 53	15 6	0 53	0 39	2 3	39 53	16 12	19 21	19 45	1 1			n.a.
T 20	1 39	14 49	1 5	12 0	2 12	11 30	1 16	5 45	0 25	18 38	0 31	12 40	0 53	15 7	0 53	0 38	2 3	39 54	16 13	19 20	19 45	0 58			n.a.
W21	1 14	19 15	0 1	11 27	2 7	12 0	1 18	5 26	0 24	18 41	0 31	12 43	0 53	15 8	0 53	0 38	2 3	39 54	16 13	19 20	19 44	0 55			n.a.
T 22	0 49	22 58	1s 4	10 53	2 1	12 29	1 20	5 8	0 23	18 45	0 31	12 45	0 53	15 8	0 53	0 37	2 3	39 55	16 14	19 20	19 43	0 52			n.a.
F 23	0 24	25 42	2 7	10 17	1 56	12 58	1 22	4 49	0 23	18 48	0 31	12 47	0 52	15 9	0 53	0 36	2 3	39 55	16 15	19 20	19 42	0 48			n.a.
S 24	0s 1	27 12	3 5	9 41	1 50	13 27	1 24	4 30	0 22	18 51	0 31	12 49	0 52	15 10	0 53	0 35	2 3	39 56	16 15	19 20	19 41	0 45			n.a.
S 25	0 26	27 15	3 56	9 4	1 43	13 55	1 26	4 11	0 21	18 54	0 31	12 52	0 52	15 10	0 53	0 35	2 3	39 56	16 16	19 20	19 41	0 42			n.a.
M26	0 51	25 42	4 36	8 25	1 37	14 23	1 28	3 52	0 21	18 57	0 31	12 54	0 52	15 11	0 53	0 34	2 3	39 57	16 16	19 19	19 40	0 39			n.a.
T 27	1 16	22 31	5 0	7 47	1 31	14 51	1 30	3 32	0 20	19 1	0 31	12 56	0 52	15 11	0 53	0 33	2 3	39 57	16 17	19 18	19 39	0 35			n.a.
W28	1 41	17 51	5 7	7 7	1 24	15 18	1 32	3 13	0 19	19 4	0 31	12 59	0 52	15 12	0 53	0 33	2 3	39 58	16 17	19 16	19 38	0 32			n.a.
T 29	2 6	12 0	4 53	6 27	1 17	15 45	1 34	2 54	0 19	19 7	0 31	13 1	0 52	15 12	0 53	0 32	2 3	39 58	16 18	19 14	19 38	0 29			n.a.
F 30	2 31	5 19	4 18	5 46	1 11	16 12	1 36	2 35	0 18	19 11	0 32	13 3	0 52	15 13	0 53	0 31	2 3	39 59	16 19	19 12	19 37	0 26			n.a.
S 31	2s56	1n43	3s25	5n 5	1n 4	16s38	1s38	2n16	0n17	19s14	0s32	13s 6	0n51	15s13	0s53	0n31	2s 3	40n 0	16n19	19n10	19n36	0n22			n.a.

Julian Day Number = 189107.5, Delta T = 32h31m23s
Ecliptic obliquity = 24°07'05, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'24, Lahiri = -61°35'24 Julian Calendar 1 Oct. 4196 BCE == Greg. Calendar 29 Aug. 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

NOVEMBER 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 31 26	8♎13'43	27♈10	21♍20	10♏48	25♍52	21♏59	6♏ 8	22°R31	5°R48	9♋59	23°R25	25♉ 7	7♎43	n.a.	S 1
M 2	0 35 23	9°15'05	12♉10	22°48	12° 2	26°38	22°11	6°15	22♒29	5♈46	9°59	23♉22	25° 4	7°50	n.a.	M 2
T 3	0 39 19	10°16'26	26°46	24°17	13°15	27°24	22°23	6°21	22°28	5°44	10° 0	23°D22	25° 1	7°57	n.a.	T 3
W 4	0 43 16	11°17'46	10♊56	25°45	14°29	28°10	22°36	6°28	22°26	5°43	10° 0	23°23	24°58	8° 4	n.a.	W 4
T 5	0 47 12	12°19'07	24°38	27°15	15°42	28°56	22°48	6°35	22°25	5°41	10° 1	23°24	24°55	8°10	n.a.	T 5
F 6	0 51 9	13°20'27	7♋54	28°45	16°56	29°42	23° 1	6°42	22°24	5°39	10° 1	23°R25	24°52	8°17	n.a.	F 6
S 7	0 55 6	14°21'47	20°46	0♎15	18° 9	0♎28	23°13	6°49	22°22	5°38	10° 1	23°25	24°48	8°24	n.a.	S 7
S 8	0 59 2	15°23'07	3♌20	1°46	19°22	1°14	23°26	6°56	22°21	5°36	10° 1	23°23	24°45	8°30	n.a.	S 8
M 9	1 2 59	16°24'26	15°37	3°17	20°36	2° 0	23°39	7° 3	22°20	5°34	10° 2	23°20	24°42	8°37	n.a.	M 9
T 10	1 6 55	17°25'44	27°44	4°49	21°49	2°47	23°52	7°10	22°19	5°33	10° 2	23°15	24°39	8°44	n.a.	T 10
W11	1 10 52	18°27'02	9♍42	6°21	23° 2	3°33	24° 5	7°17	22°18	5°31	10° 2	23° 8	24°36	8°50	n.a.	W11
T 12	1 14 48	19°28'19	21°35	7°54	24°15	4°19	24°18	7°24	22°16	5°29	10° 2	23° 2	24°32	8°57	n.a.	T 12
F 13	1 18 45	20°29'35	3♎26	9°27	25°28	5° 5	24°31	7°31	22°15	5°28	10° 2	22°55	24°29	9° 4	n.a.	F 13
S 14	1 22 42	21°30'51	15°15	11° 1	26°41	5°52	24°44	7°38	22°14	5°26	10°R 2	22°50	24°26	9°10	n.a.	S 14
S 15	1 26 38	22°32'05	27° 6	12°35	27°54	6°38	24°57	7°45	22°14	5°24	10° 2	22°46	24°23	9°17	n.a.	S 15
M16	1 30 35	23°33'19	8♏59	14°10	29° 7	7°24	25°10	7°52	22°13	5°23	10° 2	22°43	24°20	9°24	n.a.	M16
T 17	1 34 31	24°34'32	20°57	15°45	0♐20	8°10	25°23	7°59	22°12	5°21	10° 2	22°D42	24°17	9°30	n.a.	T 17
W18	1 38 28	25°35'43	3♐ 2	17°21	1°33	8°57	25°37	8° 6	22°11	5°20	10° 2	22°42	24°13	9°37	n.a.	W18
T 19	1 42 25	26°36'53	15°17	18°57	2°46	9°43	25°50	8°14	22°10	5°18	10° 2	22°44	24°10	9°44	n.a.	T 19
F 20	1 46 21	27°38'02	27°45	20°34	3°58	10°30	26° 3	8°21	22°10	5°16	10° 2	22°46	24° 7	9°51	n.a.	F 20
S 21	1 50 18	28°39'10	10♑29	22°12	5°11	11°16	26°17	8°28	22° 9	5°15	10° 1	22°47	24° 4	9°57	n.a.	S 21
S 22	1 54 14	29°40'15	23°33	23°50	6°23	12° 3	26°30	8°35	22° 9	5°13	10° 1	22°R48	24° 1	10° 4	n.a.	S 22
M23	1 58 11	0♏41'20	6♒59	25°29	7°36	12°49	26°44	8°43	22° 8	5°12	10° 1	22°48	23°57	10°11	n.a.	M23
T 24	2 2 7	1°42'23	20°51	27° 8	8°48	13°36	26°58	8°50	22° 8	5°10	10° 0	22°47	23°54	10°17	n.a.	T 24
W25	2 6 4	2°43'24	5♓ 7	28°48	10° 1	14°22	27°11	8°57	22° 7	5° 9	10° 0	22°45	23°51	10°24	n.a.	W25
T 26	2 10 1	3°44'23	19°46	0♏28	11°13	15° 9	27°25	9° 4	22° 7	5° 7	10° 0	22°43	23°48	10°31	n.a.	T 26
F 27	2 13 57	4°45'21	4♈43	2°10	12°25	15°55	27°39	9°12	22° 6	5° 6	9°59	22°40	23°45	10°37	n.a.	F 27
S 28	2 17 54	5°46'17	19°51	3°52	13°37	16°42	27°52	9°19	22° 6	5° 5	9°59	22°38	23°42	10°44	n.a.	S 28
S 29	2 21 50	6°47'11	4♉59	5°34	14°49	17°28	28° 6	9°26	22° 6	5° 3	9°58	22°37	23°38	10°51	n.a.	S 29
M30	2 25 47	7♏48'04	19♉59	7♏18	16♐ 1	18♎15	28♏20	9♏33	22♒ 6	5♈ 2	9♋58	22°D36	23♉35	10♎57	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s21	8n38	2s17	4n24	0n57	17s 3	1s39	1n56	0n17	19s17	0s32	13s 8	0n51	15s14	0s53	0n30	2s 3	40n 0	16n20	19n 9	19n35	0n19		n.a.
M 2	3 46	14 58	1 0	3 42	0 50	17 28	1 41	1 37	0 16	19 21	0 32	13 11	0 51	15 14	0 53	0 29	2 3	40 1	16 20	19 9	19 34	0 16		n.a.
T 3	4 11	20 17	0n18	2 59	0 43	17 53	1 42	1 17	0 15	19 24	0 32	13 13	0 51	15 15	0 53	0 29	2 3	40 1	16 21	19 8	19 34	0 13		n.a.
W 4	4 35	24 16	1 34	2 17	0 36	18 17	1 44	0 58	0 14	19 27	0 32	13 15	0 51	15 15	0 53	0 28	2 3	40 2	16 21	19 9	19 33	0 9		n.a.
T 5	5 0	26 42	2 41	1 34	0 29	18 41	1 45	0 39	0 14	19 31	0 32	13 18	0 51	15 16	0 53	0 27	2 3	40 2	16 22	19 9	19 32	0 6		n.a.
F 6	5 25	27 30	3 38	0 51	0 22	19 4	1 47	0 19	0 13	19 34	0 32	13 20	0 51	15 16	0 53	0 27	2 2	40 3	16 23	19 9	19 31	0 3		n.a.
S 7	5 49	26 46	4 22	0 8	0 15	19 27	1 48	0s 0	0 12	19 37	0 32	13 23	0 51	15 17	0 53	0 26	2 2	40 3	16 23	19 9	19 30	0s 0		n.a.
S 8	6 13	24 41	4 52	0s35	0 9	19 49	1 49	0 20	0 12	19 41	0 32	13 25	0 51	15 17	0 53	0 25	2 2	40 4	16 24	19 9	19 30	0 4		n.a.
M 9	6 38	21 29	5 8	1 19	0 2	20 10	1 50	0 39	0 11	19 44	0 32	13 27	0 50	15 17	0 53	0 25	2 2	40 4	16 24	19 8	19 29	0 7		n.a.
T 10	7 2	17 25	5 10	2 2	0s 5	20 31	1 51	0 59	0 10	19 47	0 32	13 30	0 50	15 18	0 53	0 24	2 2	40 5	16 25	19 7	19 28	0 10		n.a.
W11	7 26	12 43	4 58	2 46	0 12	20 52	1 52	1 18	0 10	19 51	0 32	13 32	0 50	15 18	0 53	0 23	2 2	40 6	16 26	19 5	19 27	0 13		n.a.
T 12	7 50	7 35	4 33	3 30	0 18	21 12	1 53	1 38	0 9	19 54	0 32	13 35	0 50	15 18	0 53	0 23	2 2	40 6	16 26	19 3	19 26	0 17		n.a.
F 13	8 13	2 12	3 57	4 13	0 24	21 31	1 54	1 57	0 8	19 57	0 32	13 37	0 50	15 19	0 53	0 22	2 2	40 7	16 27	19 2	19 26	0 20		n.a.
S 14	8 37	3s15	3 11	4 57	0 31	21 50	1 55	2 17	0 7	20 1	0 33	13 40	0 50	15 19	0 52	0 21	2 2	40 7	16 27	19 0	19 25	0 23		n.a.
S 15	9 1	8 38	2 16	5 40	0 37	22 8	1 56	2 36	0 7	20 4	0 33	13 42	0 50	15 19	0 52	0 21	2 2	40 8	16 28	18 59	19 24	0 26		n.a.
M16	9 24	13 43	1 15	6 24	0 43	22 25	1 56	2 56	0 6	20 7	0 33	13 45	0 50	15 19	0 52	0 20	2 2	40 8	16 28	18 58	19 23	0 30		n.a.
T 17	9 47	18 21	0 10	7 7	0 49	22 42	1 57	3 15	0 5	20 11	0 33	13 47	0 50	15 20	0 52	0 19	2 2	40 9	16 29	18 58	19 22	0 33		n.a.
W18	10 10	22 17	0s57	7 50	0 55	22 58	1 57	3 35	0 4	20 14	0 33	13 50	0 50	15 20	0 52	0 19	2 2	40 10	16 30	18 58	19 22	0 36		n.a.
T 19	10 33	25 17	2 1	8 33	1 0	23 13	1 58	3 54	0 4	20 18	0 33	13 52	0 49	15 20	0 52	0 18	2 2	40 10	16 30	18 59	19 21	0 40		n.a.
F 20	10 55	27 7	3 1	9 16	1 6	23 28	1 58	4 13	0 3	20 21	0 33	13 55	0 49	15 20	0 52	0 18	2 2	40 11	16 31	18 59	19 20	0 43		n.a.
S 21	11 18	27 34	3 53	9 58	1 11	23 42	1 58	4 33	0 2	20 24	0 33	13 57	0 49	15 20	0 52	0 17	2 2	40 11	16 31	18 59	19 19	0 46		n.a.
S 22	11 40	26 31	4 35	10 40	1 16	23 56	1 58	4 52	0 2	20 28	0 33	13 59	0 49	15 21	0 52	0 16	2 2	40 12	16 32	19 0	19 18	0 49		n.a.
M23	12 2	23 56	5 3	11 22	1 21	24 8	1 58	5 11	0 1	20 31	0 33	14 2	0 49	15 21	0 52	0 16	2 2	40 13	16 32	19 0	19 18	0 53		n.a.
T 24	12 24	19 54	5 15	12 3	1 25	24 20	1 58	5 31	0 0	20 34	0 33	14 4	0 49	15 21	0 52	0 15	2 2	40 13	16 33	18 59	19 17	0 56		n.a.
W25	12 46	14 39	5 8	12 44	1 29	24 31	1 58	5 50	0s 1	20 38	0 33	14 7	0 49	15 21	0 52	0 15	2 2	40 14	16 33	18 59	19 16	0 59		n.a.
T 26	13 7	8 27	4 41	13 25	1 34	24 42	1 58	6 9	0 1	20 41	0 33	14 9	0 49	15 21	0 52	0 14	2 2	40 14	16 34	18 58	19 15	1 2		n.a.
F 27	13 28	1 39	3 55	14 5	1 37	24 52	1 57	6 28	0 2	20 44	0 34	14 12	0 49	15 21	0 52	0 14	2 2	40 15	16 35	18 58	19 14	1 6		n.a.
S 28	13 49	5n20	2 51	14 44	1 41	25 1	1 57	6 47	0 3	20 47	0 34	14 14	0 49	15 21	0 52	0 13	2 2	40 15	16 35	18 57	19 14	1 9		n.a.
S 29	14 10	12 3	1 36	15 23	1 44	25 9	1 56	7 6	0 4	20 51	0 34	14 17	0 49	15 21	0 52	0 13	2 2	40 16	16 36	18 57	19 13	1 12		n.a.
M30	14s30	18n 0	0s14	16s 1	1s47	25s17	1s56	7s25	0s 4	20s54	0s34	14s19	0n49	15s21	0s52	0n12	2s 2	40n17	16n36	18n57	19n12	1s15		n.a.

Julian Day Number = 189138.5, Delta T = 32h31m20s
Ecliptic obliquity = 24°07'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'20, Lahiri = -61°35'20 Julian Calendar 1 Nov. 4196 BCE == Greg. Calendar 29 Sept. 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4196 BCE
geocentric

DECEMBER 4196 BCE (-4195) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 43	8♏48'56	4♊43	9♏ 2	17♐13	19♎ 1	28♏34	9♏41	22°R 6	5°R 0	9°R57	22♉36	23♉32	11♎ 4	n.a.	T 1
W 2	2 33 40	9°49'47	19° 3	10°47	18°25	19°48	28°48	9°48	22°D 6	4♈59	9♋57	22°37	23°29	11°11	n.a.	W 2
T 3	2 37 37	10°50'36	2♋57	12°32	19°36	20°35	29° 2	9°55	22♒ 6	4°58	9°56	22°38	23°26	11°17	n.a.	T 3
F 4	2 41 33	11°51'23	16°24	14°18	20°48	21°21	29°16	10° 3	22° 6	4°56	9°55	22°39	23°23	11°24	n.a.	F 4
S 5	2 45 30	12°52'09	29°25	16° 5	21°59	22° 8	29°30	10°10	22° 6	4°55	9°55	22°40	23°19	11°31	n.a.	S 5
S 6	2 49 26	13°52'54	12♌ 3	17°53	23°11	22°55	29°44	10°17	22° 6	4°54	9°54	22°R40	23°16	11°37	n.a.	S 6
M 7	2 53 23	14°53'38	24°23	19°41	24°22	23°41	29°58	10°24	22° 6	4°53	9°53	22°40	23°13	11°44	n.a.	M 7
T 8	2 57 19	15°54'19	6♍29	21°29	25°33	24°28	0♐12	10°32	22° 7	4°51	9°53	22°40	23°10	11°51	n.a.	T 8
W 9	3 1 16	16°55'00	18°25	23°18	26°44	25°15	0°26	10°39	22° 7	4°50	9°52	22°39	23° 7	11°57	n.a.	W 9
T 10	3 5 13	17°55'38	0♎15	25° 8	27°55	26° 2	0°40	10°46	22° 7	4°49	9°51	22°38	23° 3	12° 4	n.a.	T 10
F 11	3 9 9	18°56'15	12° 3	26°57	29° 6	26°48	0°54	10°54	22° 8	4°48	9°50	22°38	23° 0	12°11	n.a.	F 11
S 12	3 13 6	19°56'51	23°53	28°47	0♑17	27°35	1° 9	11° 1	22° 8	4°47	9°49	22°37	22°57	12°18	n.a.	S 12
S 13	3 17 2	20°57'24	5♏48	0♐37	1°27	28°22	1°23	11° 8	22° 9	4°46	9°48	22°37	22°54	12°24	n.a.	S 13
M14	3 20 59	21°57'56	17°49	2°26	2°38	29° 9	1°37	11°15	22° 9	4°45	9°47	22°37	22°51	12°31	n.a.	M14
T 15	3 24 55	22°58'26	29°58	4°16	3°48	29°56	1°51	11°22	22°10	4°44	9°46	22°37	22°48	12°38	n.a.	T 15
W16	3 28 52	23°58'54	12♐18	6° 4	4°58	0♏42	2° 5	11°30	22°11	4°43	9°45	22°37	22°44	12°44	n.a.	W16
T 17	3 32 49	24°59'21	24°48	7°51	6° 9	1°29	2°20	11°37	22°11	4°42	9°44	22°37	22°41	12°51	n.a.	T 17
F 18	3 36 45	25°59'45	7♑32	9°37	7°19	2°16	2°34	11°44	22°12	4°41	9°43	22°36	22°38	12°58	n.a.	F 18
S 19	3 40 42	27° 0'06	20°29	11°21	8°28	3° 3	2°48	11°51	22°13	4°40	9°42	22°36	22°35	13° 4	n.a.	S 19
S 20	3 44 38	28° 0'26	3♒42	13° 3	9°38	3°50	3° 3	11°58	22°14	4°39	9°41	22°35	22°32	13°11	n.a.	S 20
M21	3 48 35	29° 0'43	17°11	14°42	10°48	4°36	3°17	12° 5	22°15	4°38	9°40	22°35	22°29	13°18	n.a.	M21
T 22	3 52 31	0♐ 0'58	0♓57	16°18	11°57	5°23	3°31	12°12	22°16	4°37	9°39	22°D35	22°25	13°24	n.a.	T 22
W23	3 56 28	1° 1'10	15° 0	17°50	13° 6	6°10	3°46	12°19	22°17	4°36	9°38	22°35	22°22	13°31	n.a.	W23
T 24	4 0 24	2° 1'20	29°20	19°17	14°16	6°57	4° 0	12°27	22°18	4°36	9°37	22°36	22°19	13°38	n.a.	T 24
F 25	4 4 21	3° 1'27	13♈52	20°40	15°25	7°44	4°14	12°34	22°19	4°35	9°35	22°36	22°16	13°44	n.a.	F 25
S 26	4 8 18	4° 1'33	28°34	21°56	16°33	8°30	4°28	12°41	22°20	4°34	9°34	22°37	22°13	13°51	n.a.	S 26
S 27	4 12 14	5° 1'35	13♉20	23° 7	17°42	9°17	4°43	12°47	22°22	4°34	9°33	22°38	22° 9	13°58	n.a.	S 27
M28	4 16 11	6° 1'36	28° 2	24°10	18°50	10° 4	4°57	12°54	22°23	4°33	9°32	22°R38	22° 6	14° 4	n.a.	M28
T 29	4 20 7	7° 1'34	12♊34	25° 7	19°59	10°51	5°11	13° 1	22°24	4°32	9°30	22°37	22° 3	14°11	n.a.	T 29
W30	4 24 4	8° 1'31	26°51	25°55	21° 7	11°38	5°26	13° 8	22°26	4°32	9°29	22°36	22° 0	14°18	n.a.	W30
T 31	4 28 0	9♐ 1'25	10♋46	26♐35	22♑15	12♏24	5♐40	13♏15	22♒27	4♈31	9♋28	22♉34	21♉57	14♎24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14s50	22n46	1n 7	16s38	1s49	25s23	1s55	7s44	0s 5	20s57	0s34	14s22	0n48	15s21	0s52	0n11	2s 2	40n17	16n37	18n57	19n11	1s19			n.a.
W 2	15 10	26 0	2 21	17 14	1 51	25 29	1 54	8 3	0 6	21 1	0 34	14 24	0 48	15 21	0 52	0 11	2 2	40 18	16 37	18 57	19 10	1 22			n.a.
T 3	15 30	27 30	3 25	17 49	1 53	25 35	1 53	8 22	0 7	21 4	0 34	14 26	0 48	15 21	0 52	0 10	2 2	40 18	16 38	18 57	19 9	1 25			n.a.
F 4	15 49	27 19	4 16	18 24	1 54	25 39	1 52	8 40	0 7	21 7	0 34	14 29	0 48	15 21	0 52	0 10	2 2	40 19	16 38	18 57	19 9	1 29			n.a.
S 5	16 8	25 35	4 51	18 57	1 55	25 43	1 51	8 59	0 8	21 10	0 34	14 31	0 48	15 21	0 51	0 10	2 1	40 19	16 39	18 58	19 8	1 32			n.a.
S 6	16 27	22 38	5 12	19 29	1 55	25 46	1 50	9 17	0 9	21 13	0 34	14 34	0 48	15 21	0 51	0 9	2 1	40 20	16 39	18 58	19 7	1 35			n.a.
M 7	16 46	18 43	5 17	20 0	1 55	25 48	1 49	9 36	0 10	21 17	0 34	14 36	0 48	15 21	0 51	0 9	2 1	40 21	16 40	18 58	19 6	1 38			n.a.
T 8	17 4	14 8	5 8	20 29	1 54	25 50	1 47	9 54	0 10	21 20	0 34	14 38	0 48	15 20	0 51	0 8	2 1	40 21	16 40	18 57	19 5	1 42			n.a.
W 9	17 22	9 4	4 46	20 57	1 53	25 50	1 46	10 13	0 11	21 23	0 35	14 41	0 48	15 20	0 51	0 8	2 1	40 22	16 41	18 57	19 5	1 45			n.a.
T 10	17 39	3 43	4 11	21 23	1 51	25 50	1 44	10 31	0 12	21 26	0 35	14 43	0 48	15 20	0 51	0 7	2 1	40 22	16 41	18 57	19 4	1 48			n.a.
F 11	17 57	1s44	3 27	21 48	1 49	25 49	1 42	10 49	0 13	21 29	0 35	14 46	0 48	15 20	0 51	0 7	2 1	40 23	16 42	18 57	19 3	1 52			n.a.
S 12	18 13	7 10	2 33	22 10	1 46	25 48	1 41	11 7	0 13	21 32	0 35	14 48	0 48	15 20	0 51	0 7	2 1	40 23	16 42	18 57	19 2	1 55			n.a.
S 13	18 30	12 23	1 32	22 31	1 42	25 45	1 39	11 25	0 14	21 35	0 35	14 50	0 48	15 20	0 51	0 6	2 1	40 24	16 43	18 57	19 1	1 58			n.a.
M14	18 46	17 12	0 27	22 50	1 38	25 42	1 37	11 43	0 15	21 38	0 35	14 53	0 48	15 19	0 51	0 6	2 1	40 25	16 43	18 57	19 0	2 1			n.a.
T 15	19 2	21 23	0s41	23 6	1 32	25 38	1 35	12 0	0 16	21 42	0 35	14 55	0 48	15 19	0 51	0 5	2 1	40 25	16 44	18 57	19 0	2 5			n.a.
W16	19 18	24 41	1 47	23 21	1 26	25 34	1 33	12 18	0 17	21 45	0 35	14 57	0 47	15 19	0 51	0 5	2 1	40 26	16 44	18 57	18 59	2 8			n.a.
T 17	19 33	26 50	2 49	23 33	1 19	25 28	1 30	12 36	0 17	21 48	0 35	15 0	0 47	15 18	0 51	0 5	2 1	40 26	16 45	18 57	18 58	2 11			n.a.
F 18	19 48	27 38	3 44	23 42	1 12	25 22	1 28	12 53	0 18	21 51	0 35	15 2	0 47	15 18	0 51	0 4	2 1	40 27	16 45	18 57	18 57	2 14			n.a.
S 19	20 2	26 56	4 29	23 49	1 3	25 15	1 25	13 10	0 19	21 54	0 36	15 4	0 47	15 18	0 51	0 4	2 1	40 27	16 45	18 56	18 56	2 18			n.a.
S 20	20 16	24 43	5 0	23 54	0 54	25 8	1 23	13 27	0 20	21 57	0 36	15 7	0 47	15 17	0 51	0 4	2 1	40 28	16 46	18 56	18 55	2 21			n.a.
M21	20 30	21 7	5 16	23 56	0 44	25 0	1 20	13 44	0 20	21 59	0 36	15 9	0 47	15 17	0 51	0 3	2 1	40 28	16 46	18 56	18 55	2 24			n.a.
T 22	20 44	16 18	5 14	23 56	0 33	24 51	1 17	14 1	0 21	22 2	0 36	15 11	0 47	15 17	0 51	0 3	2 0	40 29	16 47	18 56	18 54	2 28			n.a.
W23	20 56	10 33	4 53	23 53	0 21	24 41	1 14	14 18	0 22	22 5	0 36	15 14	0 47	15 16	0 51	0 3	2 0	40 29	16 47	18 56	18 53	2 31			n.a.
T 24	21 9	4 9	4 14	23 48	0 8	24 31	1 11	14 34	0 23	22 8	0 36	15 16	0 47	15 16	0 51	0 3	2 0	40 30	16 48	18 56	18 52	2 34			n.a.
F 25	21 21	2n35	3 19	23 41	0n 6	24 20	1 8	14 51	0 23	22 11	0 36	15 18	0 47	15 15	0 51	0 2	2 0	40 30	16 48	18 57	18 51	2 37			n.a.
S 26	21 33	9 16	2 9	23 32	0 20	24 8	1 5	15 7	0 24	22 14	0 36	15 20	0 47	15 15	0 51	0 2	2 0	40 31	16 48	18 57	18 50	2 41			n.a.
S 27	21 44	15 28	0 51	23 22	0 34	23 56	1 2	15 23	0 25	22 17	0 36	15 22	0 47	15 15	0 50	0 2	2 0	40 31	16 49	18 57	18 50	2 44			n.a.
M28	21 55	20 46	0n30	23 9	0 50	23 43	0 59	15 39	0 26	22 20	0 37	15 25	0 47	15 14	0 50	0 2	2 0	40 32	16 49	18 57	18 49	2 47			n.a.
T 29	22 6	24 44	1 48	22 56	1 5	23 30	0 55	15 55	0 27	22 22	0 37	15 27	0 47	15 14	0 50	0 2	2 0	40 32	16 49	18 57	18 48	2 51			n.a.
W30	22 16	27 3	2 58	22 42	1 21	23 15	0 52	16 11	0 27	22 25	0 37	15 29	0 47	15 13	0 50	0 1	2 0	40 33	16 50	18 56	18 47	2 54			n.a.
T 31	22s26	27n35	3n56	22s27	1n38	23s 1	0s48	16s26	0s28	22s28	0s37	15s31	0n47	15s13	0s50	0n 1	2s 0	40n33	16n50	18n56	18n46	2s57			n.a.

Julian Day Number = 189168.5, Delta T = 32h31m17s
Ecliptic obliquity = 24°07'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'16, Lahiri = -61°35'16 Julian Calendar 1 Dec. 4196 BCE == Greg. Calendar 29 Oct. 4196 BCE

The year -4195 astronomical counting style corresponds to year 4196 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

JANUARY 4195 BCE (-4194) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 31 57	10♐ 1'17	24♋17	27♐ 6	23♑22	13♏11	5♐54	13♏22	22♒29	4°R31	9°R26	22°R31	21♉54	14♎31	n.a.	F 1
S 2	4 35 53	11° 1'07	7♌25	27°28	24°30	13°58	6° 9	13°29	22°30	4♈30	9♋25	22♉29	21°50	14°38	n.a.	S 2
S 3	4 39 50	12° 0'55	20° 9	27°41	25°37	14°45	6°23	13°35	22°32	4°30	9°23	22°27	21°47	14°44	n.a.	S 3
M 4	4 43 47	13° 0'41	2♍33	27°R45	26°44	15°31	6°37	13°42	22°33	4°29	9°22	22°25	21°44	14°51	n.a.	M 4
T 5	4 47 43	14° 0'25	14°42	27°40	27°51	16°18	6°51	13°49	22°35	4°29	9°21	22°D25	21°41	14°58	n.a.	T 5
W 6	4 51 40	15° 0'07	26°39	27°26	28°58	17° 5	7° 6	13°55	22°37	4°28	9°19	22°26	21°38	15° 4	n.a.	W 6
T 7	4 55 36	15°59'47	8♎29	27° 4	0♒ 4	17°52	7°20	14° 2	22°39	4°28	9°18	22°27	21°35	15°11	n.a.	T 7
F 8	4 59 33	16°59'25	20°18	26°35	1°10	18°38	7°34	14° 8	22°40	4°28	9°16	22°29	21°31	15°18	n.a.	F 8
S 9	5 3 29	17°59'01	2♏10	25°58	2°16	19°25	7°48	14°15	22°42	4°28	9°15	22°30	21°28	15°24	n.a.	S 9
S 10	5 7 26	18°58'35	14° 8	25°15	3°22	20°12	8° 2	14°21	22°44	4°27	9°13	22°32	21°25	15°31	n.a.	S 10
M11	5 11 22	19°58'07	26°17	24°28	4°27	20°59	8°17	14°28	22°46	4°27	9°12	22°R32	21°22	15°38	n.a.	M11
T 12	5 15 19	20°57'37	8♐39	23°36	5°33	21°45	8°31	14°34	22°48	4°27	9°10	22°31	21°19	15°45	n.a.	T 12
W13	5 19 15	21°57'04	21°15	22°42	6°38	22°32	8°45	14°41	22°50	4°27	9° 9	22°28	21°15	15°51	n.a.	W13
T 14	5 23 12	22°56'29	4♑ 6	21°46	7°42	23°19	8°59	14°47	22°52	4°27	9° 7	22°24	21°12	15°58	n.a.	T 14
F 15	5 27 8	23°55'52	17°13	20°50	8°47	24° 5	9°13	14°53	22°54	4°27	9° 5	22°19	21° 9	16° 5	n.a.	F 15
S 16	5 31 5	24°55'12	0♒33	19°55	9°51	24°52	9°27	14°59	22°56	4°D27	9° 4	22°14	21° 6	16°11	n.a.	S 16
S 17	5 35 2	25°54'30	14° 6	19° 2	10°55	25°38	9°41	15° 5	22°59	4°27	9° 2	22° 9	21° 3	16°18	n.a.	S 17
M18	5 38 58	26°53'46	27°50	18°12	11°58	26°25	9°55	15°12	23° 1	4°27	9° 1	22° 5	21° 0	16°25	n.a.	M18
T 19	5 42 55	27°52'58	11♓44	17°26	13° 1	27°12	10° 9	15°18	23° 3	4°27	8°59	22° 2	20°56	16°31	n.a.	T 19
W20	5 46 51	28°52'08	25°46	16°44	14° 4	27°58	10°23	15°24	23° 5	4°27	8°57	22°D 1	20°53	16°38	n.a.	W20
T 21	5 50 48	29°51'16	9♈54	16° 7	15° 7	28°45	10°37	15°30	23° 8	4°27	8°56	22° 1	20°50	16°45	n.a.	T 21
F 22	5 54 44	0♑50'20	24° 8	15°35	16° 9	29°31	10°51	15°35	23°10	4°27	8°54	22° 2	20°47	16°51	n.a.	F 22
S 23	5 58 41	1°49'23	8♉25	15° 9	17°11	0♐18	11° 5	15°41	23°13	4°28	8°53	22° 4	20°44	16°58	n.a.	S 23
S 24	6 2 37	2°48'23	22°43	14°49	18°12	1° 4	11°19	15°47	23°15	4°28	8°51	22°R 4	20°41	17° 5	n.a.	S 24
M25	6 6 34	3°47'20	6♊59	14°34	19°13	1°50	11°32	15°53	23°18	4°28	8°49	22° 3	20°37	17°11	n.a.	M25
T 26	6 10 30	4°46'15	21° 7	14°26	20°14	2°37	11°46	15°58	23°20	4°28	8°48	22° 0	20°34	17°18	n.a.	T 26
W27	6 14 27	5°45'08	5♋ 5	14°D23	21°14	3°23	12° 0	16° 4	23°23	4°29	8°46	21°55	20°31	17°25	n.a.	W27
T 28	6 18 23	6°43'58	18°47	14°26	22°14	4°10	12°13	16°10	23°25	4°29	8°44	21°49	20°28	17°31	n.a.	T 28
F 29	6 22 20	7°42'46	2♌11	14°34	23°14	4°56	12°27	16°15	23°28	4°30	8°43	21°41	20°25	17°38	n.a.	F 29
S 30	6 26 17	8°41'32	15°16	14°47	24°13	5°42	12°41	16°20	23°30	4°30	8°41	21°33	20°21	17°45	n.a.	S 30
S 31	6 30 13	9♑40'16	28♌ 0	15♐ 6	25♒11	6♐29	12♐54	16♏26	23♒33	4♈31	8♋39	21♉26	20♉18	17♎51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s35	26n25	4n38	22s11	1n54	22s45	0s44	16s42	0s29	22s31	0s37	15s33	0n47	15s12	0s50	0n 1	2s 0	40n33	16n50	18n55	18n45	3s 0		n.a.
S 2	22 44	23 50	5 5	21 56	2 10	22 29	0 40	16 57	0 30	22 33	0 37	15 35	0 47	15 11	0 50	0 1	2 0	40 34	16 51	18 55	18 44	3 4		n.a.
S 3	22 52	20 8	5 15	21 40	2 26	22 13	0 36	17 12	0 30	22 36	0 37	15 38	0 47	15 11	0 50	0 1	2 0	40 34	16 51	18 54	18 44	3 7		n.a.
M 4	23 0	15 39	5 11	21 25	2 41	21 56	0 32	17 27	0 31	22 38	0 37	15 40	0 46	15 10	0 50	0 1	2 0	40 35	16 51	18 54	18 43	3 10		n.a.
T 5	23 8	10 39	4 52	21 10	2 56	21 38	0 28	17 41	0 32	22 41	0 38	15 42	0 46	15 10	0 50	0 1	1 59	40 35	16 52	18 54	18 42	3 14		n.a.
W 6	23 15	5 21	4 21	20 56	3 9	21 20	0 24	17 56	0 33	22 44	0 38	15 44	0 46	15 9	0 50	0 1	1 59	40 36	16 52	18 54	18 41	3 17		n.a.
T 7	23 21	0s 7	3 39	20 43	3 22	21 2	0 20	18 10	0 33	22 46	0 38	15 46	0 46	15 8	0 50	0 0	1 59	40 36	16 52	18 54	18 40	3 20		n.a.
F 8	23 27	5 34	2 48	20 31	3 33	20 43	0 15	18 24	0 34	22 49	0 38	15 48	0 46	15 8	0 50	0 0	1 59	40 36	16 52	18 55	18 39	3 23		n.a.
S 9	23 33	10 51	1 50	20 21	3 43	20 23	0 11	18 38	0 35	22 51	0 38	15 50	0 46	15 7	0 50	0 0	1 59	40 37	16 53	18 55	18 39	3 27		n.a.
S 10	23 39	15 48	0 46	20 11	3 51	20 4	0 6	18 52	0 36	22 54	0 38	15 52	0 46	15 6	0 50	0 0	1 59	40 37	16 53	18 55	18 38	3 30		n.a.
M11	23 43	20 12	0s21	20 3	3 57	19 43	0 2	19 5	0 36	22 56	0 38	15 54	0 46	15 6	0 50	0 0	1 59	40 37	16 53	18 55	18 37	3 33		n.a.
T 12	23 48	23 48	1 27	19 57	4 1	19 22	0n 3	19 19	0 37	22 59	0 38	15 56	0 46	15 5	0 50	0 0	1 59	40 38	16 53	18 55	18 36	3 37		n.a.
W13	23 52	26 20	2 31	19 52	4 3	19 1	0 8	19 32	0 38	23 1	0 39	15 58	0 46	15 4	0 50	0 0	1 59	40 38	16 54	18 54	18 35	3 40		n.a.
T 14	23 55	27 31	3 28	19 48	4 4	18 40	0 12	19 45	0 39	23 4	0 39	16 0	0 46	15 4	0 50	0 0	1 59	40 39	16 54	18 53	18 34	3 43		n.a.
F 15	23 58	27 11	4 15	19 46	4 2	18 18	0 17	19 58	0 39	23 6	0 39	16 2	0 46	15 3	0 50	0 0	1 59	40 39	16 54	18 52	18 33	3 46		n.a.
S 16	24 1	25 18	4 50	19 46	3 58	17 55	0 22	20 10	0 40	23 8	0 39	16 4	0 46	15 2	0 50	0 1	1 59	40 39	16 54	18 51	18 33	3 50		n.a.
S 17	24 3	21 58	5 8	19 47	3 53	17 33	0 28	20 22	0 41	23 11	0 39	16 5	0 46	15 1	0 50	0 1	1 59	40 40	16 54	18 49	18 32	3 53		n.a.
M18	24 5	17 23	5 10	19 49	3 46	17 10	0 33	20 34	0 41	23 13	0 39	16 7	0 46	15 1	0 50	0 1	1 59	40 40	16 55	18 48	18 31	3 56		n.a.
T 19	24 6	11 51	4 53	19 53	3 38	16 47	0 38	20 46	0 42	23 15	0 39	16 9	0 46	15 0	0 50	0 1	1 58	40 40	16 55	18 48	18 30	4 0		n.a.
W20	24 7	5 41	4 19	19 59	3 28	16 23	0 43	20 58	0 43	23 17	0 40	16 11	0 46	14 59	0 49	0 1	1 58	40 40	16 55	18 47	18 29	4 3		n.a.
T 21	24 7	0n50	3 29	20 6	3 18	15 59	0 49	21 9	0 44	23 20	0 40	16 13	0 46	14 58	0 49	0 1	1 58	40 41	16 55	18 47	18 28	4 6		n.a.
F 22	24 7	7 22	2 26	20 14	3 6	15 35	0 54	21 20	0 44	23 22	0 40	16 15	0 46	14 57	0 49	0 1	1 58	40 41	16 55	18 48	18 27	4 9		n.a.
S 23	24 6	13 33	1 14	20 23	2 54	15 11	1 0	21 31	0 45	23 24	0 40	16 16	0 46	14 56	0 49	0 1	1 58	40 41	16 55	18 48	18 26	4 13		n.a.
S 24	24 5	19 2	0n 4	20 34	2 41	14 46	1 5	21 42	0 46	23 26	0 40	16 18	0 46	14 56	0 49	0 2	1 58	40 41	16 56	18 48	18 26	4 16		n.a.
M25	24 4	23 24	1 20	20 45	2 27	14 21	1 11	21 52	0 47	23 28	0 40	16 20	0 46	14 55	0 49	0 2	1 58	40 42	16 56	18 48	18 25	4 19		n.a.
T 26	24 2	26 19	2 31	20 58	2 14	13 57	1 17	22 3	0 47	23 30	0 40	16 21	0 46	14 54	0 49	0 2	1 58	40 42	16 56	18 47	18 24	4 23		n.a.
W27	23 59	27 32	3 31	21 11	2 0	13 31	1 22	22 13	0 48	23 32	0 41	16 23	0 46	14 53	0 49	0 2	1 58	40 42	16 56	18 46	18 23	4 26		n.a.
T 28	23 56	27 1	4 19	21 25	1 46	13 6	1 28	22 22	0 49	23 34	0 41	16 25	0 46	14 52	0 49	0 2	1 58	40 42	16 56	18 44	18 22	4 29		n.a.
F 29	23 53	24 56	4 50	21 40	1 33	12 41	1 34	22 32	0 49	23 36	0 41	16 26	0 46	14 51	0 49	0 3	1 58	40 42	16 56	18 42	18 21	4 33		n.a.
S 30	23 49	21 34	5 6	21 55	1 19	12 15	1 40	22 41	0 50	23 38	0 41	16 28	0 46	14 50	0 49	0 3	1 58	40 43	16 56	18 40	18 20	4 36		n.a.
S 31	23s45	17n16	5n 6	22s10	1n 6	11s50	1n46	22s50	0s51	23s40	0s41	16s30	0n46	14s49	0s49	0n 3	1s58	40n43	16n56	18n38	18n20	4s39		n.a.

Julian Day Number = 189199.5, Delta T = 32h31m13s
Ecliptic obliquity = 24°07'04, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'12, Lahiri = -61°35'12 Julian Calendar 1 Jan. 4195 BCE == Greg. Calendar 29 Nov. 4196 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

FEBRUARY 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 34 10	10♉38'58	10♍25	15♐29	26♒ 9	7♐15	13♐ 8	16♏31	23♒36	4♈31	8°R38	21°R20	20♉15	17♎58	n.a.	M 1
T 2	6 38 6	11°37'37	22°35	15°57	27° 7	8° 1	13°21	16°36	23°39	4°32	8♋36	21♉15	20°12	18° 5	n.a.	T 2
W 3	6 42 3	12°36'15	4♎33	16°29	28° 4	8°47	13°34	16°41	23°41	4°32	8°35	21°13	20° 9	18°11	n.a.	W 3
T 4	6 45 59	13°34'51	16°24	17° 5	29° 1	9°33	13°48	16°46	23°44	4°33	8°33	21°D13	20° 6	18°18	n.a.	T 4
F 5	6 49 56	14°33'25	28°14	17°45	29°57	10°20	14° 1	16°51	23°47	4°33	8°31	21°14	20° 2	18°25	n.a.	F 5
S 6	6 53 52	15°31'57	10♏ 7	18°29	0♓52	11° 6	14°14	16°56	23°50	4°34	8°30	21°15	19°59	18°31	n.a.	S 6
S 7	6 57 49	16°30'27	22° 8	19°16	1°47	11°52	14°28	17° 1	23°53	4°35	8°28	21°R15	19°56	18°38	n.a.	S 7
M 8	7 1 45	17°28'55	4♐23	20° 7	2°41	12°38	14°41	17° 6	23°56	4°36	8°26	21°14	19°53	18°45	n.a.	M 8
T 9	7 5 42	18°27'22	16°54	21° 0	3°35	13°24	14°54	17°11	23°59	4°36	8°25	21°11	19°50	18°51	n.a.	T 9
W10	7 9 38	19°25'46	29°44	21°57	4°28	14°10	15° 7	17°16	24° 2	4°37	8°23	21° 6	19°47	18°58	n.a.	W10
T 11	7 13 35	20°24'09	12♑55	22°57	5°21	14°56	15°20	17°20	24° 5	4°38	8°22	20°58	19°43	19° 5	n.a.	T 11
F 12	7 17 31	21°22'29	26°25	24° 0	6°13	15°42	15°33	17°25	24° 8	4°39	8°20	20°49	19°40	19°11	n.a.	F 12
S 13	7 21 28	22°20'48	10♒11	25° 5	7° 4	16°28	15°46	17°29	24°11	4°40	8°18	20°39	19°37	19°18	n.a.	S 13
S 14	7 25 25	23°19'04	24°11	26°12	7°54	17°13	15°58	17°33	24°14	4°41	8°17	20°29	19°34	19°25	n.a.	S 14
M15	7 29 21	24°17'17	8♓19	27°23	8°44	17°59	16°11	17°38	24°17	4°42	8°15	20°20	19°31	19°31	n.a.	M15
T 16	7 33 18	25°15'29	22°31	28°35	9°33	18°45	16°24	17°42	24°20	4°43	8°14	20°14	19°27	19°38	n.a.	T 16
W17	7 37 14	26°13'38	6♈44	29°50	10°21	19°31	16°36	17°46	24°23	4°44	8°12	20°10	19°24	19°45	n.a.	W17
T 18	7 41 11	27°11'45	20°55	1♉ 7	11° 8	20°16	16°49	17°50	24°26	4°45	8°11	20° 9	19°21	19°51	n.a.	T 18
F 19	7 45 7	28° 9'50	5♉ 2	2°26	11°55	21° 2	17° 1	17°54	24°30	4°46	8° 9	20°D 9	19°18	19°58	n.a.	F 19
S 20	7 49 4	29° 7'53	19° 4	3°47	12°40	21°48	17°14	17°58	24°33	4°47	8° 7	20°R 9	19°15	20° 5	n.a.	S 20
S 21	7 53 0	0♒ 5'53	3♊ 1	5°11	13°25	22°33	17°26	18° 2	24°36	4°48	8° 6	20° 9	19°12	20°11	n.a.	S 21
M22	7 56 57	1° 3'51	16°51	6°36	14° 8	23°19	17°38	18° 5	24°39	4°49	8° 4	20° 6	19° 8	20°18	n.a.	M22
T 23	8 0 53	2° 1'48	0♋34	8° 3	14°51	24° 4	17°50	18° 9	24°42	4°50	8° 3	20° 1	19° 5	20°25	n.a.	T 23
W24	8 4 50	2°59'42	14° 7	9°33	15°32	24°50	18° 3	18°13	24°46	4°52	8° 2	19°53	19° 2	20°31	n.a.	W24
T 25	8 8 46	3°57'34	27°28	11° 4	16°13	25°35	18°15	18°16	24°49	4°53	8° 0	19°43	18°59	20°38	n.a.	T 25
F 26	8 12 43	4°55'25	10♌35	12°37	16°52	26°20	18°26	18°20	24°52	4°54	7°59	19°31	18°56	20°45	n.a.	F 26
S 27	8 16 39	5°53'13	23°27	14°12	17°30	27° 6	18°38	18°23	24°56	4°55	7°57	19°19	18°53	20°51	n.a.	S 27
S 28	8 20 36	6♒51'00	6♍ 3	15♑49	18♓ 7	27♐51	18♐50	18♏26	24♒59	4♈57	7♋56	19♉ 7	18♉49	20♎58	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s40	12n20	4n51	22s26	0n52	11s24	1n52	22s59	0s51	23s42	0s41	16s31	0n46	14s48	0s49	0n 3	1s57	40n43	16n56	18n36	18n19	4s42		n.a.
T 2	23 35	7 2	4 23	22 42	0 39	10 58	1 58	23 7	0 52	23 44	0 42	16 33	0 46	14 47	0 49	0 4	1 57	40 43	16 56	18 35	18 18	4 46		n.a.
W 3	23 30	1 33	3 44	22 58	0 27	10 33	2 4	23 16	0 53	23 46	0 42	16 34	0 46	14 46	0 49	0 4	1 57	40 43	16 56	18 35	18 17	4 49		n.a.
T 4	23 24	3s56	2 56	23 14	0 15	10 7	2 11	23 24	0 53	23 48	0 42	16 36	0 46	14 45	0 49	0 4	1 57	40 43	16 56	18 34	18 16	4 52		n.a.
F 5	23 18	9 16	2 1	23 29	0 3	9 41	2 17	23 31	0 54	23 50	0 42	16 37	0 46	14 44	0 49	0 5	1 57	40 44	16 56	18 35	18 15	4 56		n.a.
S 6	23 11	14 19	1 0	23 45	0s 9	9 15	2 23	23 39	0 55	23 51	0 42	16 39	0 45	14 43	0 49	0 5	1 57	40 44	16 56	18 35	18 14	4 59		n.a.
S 7	23 4	18 54	0s 5	24 0	0 20	8 49	2 29	23 46	0 56	23 53	0 42	16 40	0 45	14 42	0 49	0 5	1 57	40 44	16 56	18 35	18 13	5 2		n.a.
M 8	22 56	22 46	1 10	24 14	0 30	8 24	2 36	23 53	0 56	23 55	0 43	16 42	0 45	14 41	0 49	0 6	1 57	40 44	16 56	18 35	18 12	5 5		n.a.
T 9	22 48	25 39	2 13	24 28	0 40	7 58	2 42	24 0	0 57	23 57	0 43	16 43	0 45	14 40	0 49	0 6	1 57	40 44	16 56	18 34	18 12	5 9		n.a.
W10	22 40	27 18	3 11	24 42	0 50	7 32	2 48	24 6	0 57	23 58	0 43	16 44	0 45	14 39	0 49	0 6	1 57	40 44	16 56	18 32	18 11	5 12		n.a.
T 11	22 31	27 27	4 0	24 54	0 59	7 7	2 55	24 12	0 58	24 0	0 43	16 46	0 45	14 38	0 49	0 7	1 57	40 44	16 56	18 30	18 10	5 15		n.a.
F 12	22 22	25 59	4 37	25 6	1 8	6 41	3 1	24 18	0 59	24 2	0 43	16 47	0 45	14 37	0 49	0 7	1 57	40 44	16 56	18 28	18 9	5 19		n.a.
S 13	22 12	22 58	4 59	25 17	1 16	6 16	3 8	24 24	0 59	24 3	0 43	16 48	0 45	14 36	0 49	0 8	1 57	40 44	16 56	18 25	18 8	5 22		n.a.
S 14	22 2	18 34	5 3	25 27	1 24	5 51	3 14	24 29	1 0	24 5	0 44	16 50	0 45	14 35	0 49	0 8	1 57	40 44	16 56	18 22	18 7	5 25		n.a.
M15	21 52	13 8	4 49	25 36	1 31	5 26	3 21	24 34	1 1	24 6	0 44	16 51	0 45	14 34	0 49	0 9	1 56	40 44	16 56	18 20	18 6	5 28		n.a.
T 16	21 41	6 58	4 17	25 44	1 38	5 2	3 27	24 39	1 1	24 8	0 44	16 52	0 45	14 33	0 49	0 9	1 56	40 44	16 55	18 18	18 5	5 32		n.a.
W17	21 30	0 27	3 29	25 51	1 44	4 37	3 34	24 43	1 2	24 9	0 44	16 53	0 45	14 32	0 49	0 10	1 56	40 44	16 55	18 17	18 5	5 35		n.a.
T 18	21 19	6n 6	2 29	25 56	1 49	4 13	3 40	24 47	1 3	24 11	0 44	16 54	0 45	14 30	0 49	0 10	1 56	40 44	16 55	18 17	18 4	5 38		n.a.
F 19	21 7	12 19	1 20	26 0	1 55	3 49	3 46	24 51	1 3	24 12	0 45	16 56	0 45	14 29	0 49	0 11	1 56	40 44	16 55	18 17	18 3	5 41		n.a.
S 20	20 55	17 53	0 6	26 3	1 59	3 25	3 53	24 55	1 4	24 14	0 45	16 57	0 45	14 28	0 49	0 11	1 56	40 44	16 55	18 17	18 2	5 45		n.a.
S 21	20 42	22 28	1n 8	26 4	2 3	3 2	3 59	24 58	1 4	24 15	0 45	16 58	0 45	14 27	0 49	0 12	1 56	40 44	16 55	18 17	18 1	5 48		n.a.
M22	20 29	25 43	2 17	26 4	2 7	2 39	4 6	25 2	1 5	24 16	0 45	16 59	0 45	14 26	0 49	0 12	1 56	40 44	16 55	18 16	18 0	5 51		n.a.
T 23	20 16	27 24	3 17	26 2	2 10	2 16	4 12	25 4	1 6	24 18	0 45	17 0	0 45	14 25	0 49	0 13	1 56	40 44	16 54	18 15	17 59	5 55		n.a.
W24	20 2	27 24	4 5	25 58	2 12	1 54	4 19	25 7	1 6	24 19	0 46	17 1	0 45	14 24	0 49	0 13	1 56	40 44	16 54	18 13	17 58	5 58		n.a.
T 25	19 48	25 48	4 39	25 52	2 14	1 32	4 25	25 9	1 7	24 20	0 46	17 2	0 45	14 23	0 48	0 14	1 56	40 44	16 54	18 10	17 57	6 1		n.a.
F 26	19 34	22 50	4 57	25 45	2 16	1 11	4 31	25 11	1 7	24 22	0 46	17 3	0 45	14 21	0 48	0 14	1 56	40 44	16 54	18 6	17 57	6 4		n.a.
S 27	19 20	18 47	5 0	25 36	2 17	0 50	4 37	25 13	1 8	24 23	0 46	17 4	0 45	14 20	0 48	0 15	1 56	40 44	16 54	18 3	17 56	6 8		n.a.
S 28	19s 5	13n59	4n48	25s25	2s17	0s30	4n44	25s14	1s 9	24s24	0s46	17s 5	0n45	14s19	0s48	0n16	1s56	40n43	16n53	18n 0	17n55	6s11		n.a.

Julian Day Number = 189230.5, Delta T = 32h31m10s
Ecliptic obliquity = 24°07'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'08, Lahiri = -61°35'07 Julian Calendar 1 Feb. 4195 BCE == Greg. Calendar 30 Dec. 4196 BCE

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

MARCH 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 24 33	7♒48'45	18♍23	17♑28	18♓43	28♐36	19♐ 2	18♏29	25♒ 2	4♈58	7°R54	18°R57	18♉46	21♎ 5	n.a.	M 1
T 2	8 28 29	8°46'29	0♎30	19° 8	19°17	29°21	19°13	18°32	25° 6	5° 0	7♋53	18♉49	18°43	21°11	n.a.	T 2
W 3	8 32 26	9°44'11	12°27	20°51	19°50	0♑ 6	19°25	18°35	25° 9	5° 1	7°52	18°44	18°40	21°18	n.a.	W 3
T 4	8 36 22	10°41'52	24°17	22°35	20°22	0°51	19°36	18°38	25°12	5° 2	7°50	18°41	18°37	21°25	n.a.	T 4
F 5	8 40 19	11°39'31	6♏ 6	24°22	20°52	1°37	19°48	18°41	25°16	5° 4	7°49	18°40	18°33	21°31	n.a.	F 5
S 6	8 44 15	12°37'09	17°59	26°10	21°20	2°21	19°59	18°43	25°19	5° 5	7°48	18°40	18°30	21°38	n.a.	S 6
S 7	8 48 12	13°34'46	0♐ 1	28° 0	21°47	3° 6	20°10	18°46	25°23	5° 7	7°47	18°40	18°27	21°45	n.a.	S 7
M 8	8 52 8	14°32'22	12°18	29°52	22°13	3°51	20°21	18°49	25°26	5° 8	7°45	18°39	18°24	21°51	n.a.	M 8
T 9	8 56 5	15°29'56	24°54	1♒46	22°37	4°36	20°32	18°51	25°30	5°10	7°44	18°35	18°21	21°58	n.a.	T 9
W10	9 0 1	16°27'29	7♑52	3°42	22°59	5°21	20°43	18°53	25°33	5°12	7°43	18°29	18°18	22° 5	n.a.	W10
T 11	9 3 58	17°25'01	21°15	5°39	23°19	6° 6	20°54	18°55	25°36	5°13	7°42	18°20	18°14	22°11	n.a.	T 11
F 12	9 7 55	18°22'31	5♒ 2	7°39	23°38	6°50	21° 5	18°58	25°40	5°15	7°41	18° 9	18°11	22°18	n.a.	F 12
S 13	9 11 51	19°20'00	19°11	9°40	23°54	7°35	21°15	19° 0	25°43	5°16	7°39	17°57	18° 8	22°25	n.a.	S 13
S 14	9 15 48	20°17'28	3♓35	11°43	24° 9	8°20	21°26	19° 2	25°47	5°18	7°38	17°46	18° 5	22°31	n.a.	S 14
M15	9 19 44	21°14'54	18° 9	13°47	24°22	9° 4	21°36	19° 3	25°50	5°20	7°37	17°36	18° 2	22°38	n.a.	M15
T 16	9 23 41	22°12'19	2♈46	15°53	24°32	9°49	21°46	19° 5	25°54	5°22	7°36	17°29	17°58	22°45	n.a.	T 16
W17	9 27 37	23° 9'42	17°19	18° 0	24°40	10°33	21°57	19° 7	25°57	5°23	7°35	17°24	17°55	22°51	n.a.	W17
T 18	9 31 34	24° 7'04	1♉43	20° 8	24°47	11°17	22° 7	19° 8	26° 1	5°25	7°34	17°22	17°52	22°58	n.a.	T 18
F 19	9 35 30	25° 4'24	15°55	22°18	24°50	12° 2	22°17	19°10	26° 4	5°27	7°33	17°21	17°49	23° 5	n.a.	F 19
S 20	9 39 27	26° 1'43	29°55	24°28	24°R52	12°46	22°27	19°11	26° 8	5°29	7°32	17°21	17°46	23°11	n.a.	S 20
S 21	9 43 23	26°59'00	13♊41	26°39	24°51	13°30	22°36	19°12	26°11	5°30	7°31	17°20	17°43	23°18	n.a.	S 21
M22	9 47 20	27°56'16	27°15	28°50	24°48	14°14	22°46	19°13	26°15	5°32	7°30	17°18	17°39	23°25	n.a.	M22
T 23	9 51 17	28°53'30	10♋38	1♓ 1	24°43	14°58	22°55	19°15	26°18	5°34	7°29	17°12	17°36	23°31	n.a.	T 23
W24	9 55 13	29°50'43	23°48	3°12	24°35	15°42	23° 5	19°15	26°21	5°36	7°29	17° 5	17°33	23°38	n.a.	W24
T 25	9 59 10	0♓47'55	6♌47	5°22	24°24	16°26	23°14	19°16	26°25	5°38	7°28	16°54	17°30	23°45	n.a.	T 25
F 26	10 3 6	1°45'06	19°34	7°32	24°12	17°10	23°23	19°17	26°28	5°40	7°27	16°42	17°27	23°51	n.a.	F 26
S 27	10 7 3	2°42'16	2♍ 9	9°40	23°56	17°54	23°32	19°18	26°32	5°42	7°26	16°30	17°24	23°58	n.a.	S 27
S 28	10 10 59	3°39'25	14°32	11°47	23°39	18°37	23°41	19°18	26°35	5°44	7°25	16°18	17°20	24° 4	n.a.	S 28
M29	10 14 56	4°36'33	26°43	13°53	23°19	19°21	23°50	19°19	26°39	5°46	7°25	16° 8	17°17	24°11	n.a.	M29
T 30	10 18 52	5°33'40	8♎44	15°57	22°57	20° 5	23°59	19°19	26°42	5°48	7°24	16° 0	17°14	24°18	n.a.	T 30
W31	10 22 49	6♓30'46	20♎37	18♓ 0	22♓33	20♑48	24♐ 7	19♏19	26♒46	5♈50	7♋23	15♉55	17♉11	24♎24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	18s50	8n44	4n23	25s12	2s17	0s10	4n50	25s16	1s 9	24s25	0s47	17s 6	0n45	14s18	0s48	0n16	1s56	40n43	16n53	17n57	17n54	6s14			n.a.
T 2	18 34	3 14	3 46	24 57	2 16	0n 9	4 56	25 17	1 10	24 27	0 47	17 7	0 45	14 17	0 48	0 17	1 55	40 43	16 53	17 55	17 53	6 18			n.a.
W 3	18 19	2s19	2 59	24 40	2 14	0 28	5 2	25 17	1 10	24 28	0 47	17 7	0 45	14 16	0 48	0 17	1 55	40 43	16 53	17 53	17 52	6 21			n.a.
T 4	18 3	7 45	2 5	24 20	2 13	0 46	5 7	25 18	1 11	24 29	0 47	17 8	0 45	14 14	0 48	0 18	1 55	40 43	16 52	17 52	17 51	6 24			n.a.
F 5	17 46	12 54	1 6	23 59	2 10	1 3	5 13	25 18	1 11	24 30	0 47	17 9	0 45	14 13	0 48	0 19	1 55	40 43	16 52	17 52	17 50	6 27			n.a.
S 6	17 30	17 37	0 4	23 35	2 7	1 20	5 19	25 18	1 12	24 31	0 48	17 10	0 45	14 12	0 48	0 19	1 55	40 43	16 52	17 52	17 49	6 31			n.a.
S 7	17 13	21 42	1s 0	23 9	2 3	1 36	5 24	25 17	1 12	24 32	0 48	17 11	0 45	14 11	0 48	0 20	1 55	40 42	16 52	17 52	17 48	6 34			n.a.
M 8	16 56	24 55	2 2	22 41	1 59	1 51	5 30	25 16	1 13	24 33	0 48	17 11	0 45	14 10	0 48	0 21	1 55	40 42	16 51	17 52	17 47	6 37			n.a.
T 9	16 38	27 0	2 59	22 11	1 54	2 5	5 35	25 15	1 13	24 34	0 48	17 12	0 45	14 8	0 48	0 21	1 55	40 42	16 51	17 51	17 47	6 40			n.a.
W10	16 21	27 41	3 49	21 38	1 48	2 19	5 40	25 14	1 14	24 35	0 49	17 13	0 45	14 7	0 48	0 22	1 55	40 42	16 51	17 49	17 46	6 44			n.a.
T 11	16 3	26 47	4 28	21 3	1 42	2 32	5 45	25 13	1 14	24 36	0 49	17 13	0 45	14 6	0 48	0 23	1 55	40 42	16 50	17 46	17 45	6 47			n.a.
F 12	15 45	24 16	4 53	20 25	1 36	2 43	5 49	25 11	1 15	24 37	0 49	17 14	0 45	14 5	0 48	0 24	1 55	40 41	16 50	17 43	17 44	6 50			n.a.
S 13	15 26	20 13	5 0	19 45	1 29	2 54	5 54	25 9	1 15	24 38	0 49	17 14	0 45	14 4	0 48	0 24	1 55	40 41	16 50	17 40	17 43	6 54			n.a.
S 14	15 8	14 56	4 49	19 3	1 21	3 4	5 58	25 7	1 16	24 39	0 50	17 15	0 45	14 2	0 48	0 25	1 55	40 41	16 49	17 37	17 42	6 57			n.a.
M15	14 49	8 46	4 19	18 19	1 13	3 12	6 2	25 4	1 16	24 40	0 50	17 15	0 45	14 1	0 48	0 26	1 55	40 41	16 49	17 34	17 41	7 0			n.a.
T 16	14 30	2 6	3 32	17 33	1 5	3 20	6 6	25 1	1 17	24 41	0 50	17 16	0 45	14 0	0 48	0 26	1 55	40 40	16 49	17 32	17 40	7 3			n.a.
W17	14 11	4n40	2 32	16 45	0 56	3 27	6 9	24 58	1 17	24 42	0 50	17 16	0 45	13 59	0 48	0 27	1 55	40 40	16 48	17 30	17 39	7 7			n.a.
T 18	13 51	11 8	1 22	15 55	0 46	3 32	6 12	24 55	1 18	24 43	0 50	17 17	0 45	13 58	0 48	0 28	1 55	40 40	16 48	17 30	17 38	7 10			n.a.
F 19	13 32	16 57	0 8	15 3	0 37	3 36	6 15	24 51	1 18	24 44	0 51	17 17	0 45	13 56	0 48	0 29	1 55	40 39	16 48	17 29	17 37	7 13			n.a.
S 20	13 12	21 47	1n 6	14 9	0 27	3 39	6 17	24 47	1 19	24 45	0 51	17 18	0 45	13 55	0 48	0 30	1 54	40 39	16 47	17 29	17 37	7 16			n.a.
S 21	12 52	25 19	2 15	13 14	0 16	3 40	6 19	24 43	1 19	24 45	0 51	17 18	0 45	13 54	0 48	0 30	1 54	40 39	16 47	17 29	17 36	7 20			n.a.
M22	12 32	27 20	3 14	12 18	0 6	3 40	6 21	24 39	1 20	24 46	0 51	17 18	0 45	13 53	0 48	0 31	1 54	40 38	16 47	17 28	17 35	7 23			n.a.
T 23	12 11	27 42	4 2	11 21	0n 5	3 39	6 22	24 35	1 20	24 47	0 52	17 19	0 45	13 51	0 48	0 32	1 54	40 38	16 46	17 27	17 34	7 26			n.a.
W24	11 51	26 30	4 37	10 23	0 15	3 36	6 22	24 30	1 20	24 48	0 52	17 19	0 45	13 50	0 48	0 33	1 54	40 38	16 46	17 25	17 33	7 29			n.a.
T 25	11 30	23 52	4 56	9 25	0 25	3 32	6 22	24 25	1 21	24 49	0 52	17 19	0 45	13 49	0 48	0 34	1 54	40 37	16 45	17 22	17 32	7 33			n.a.
F 26	11 9	20 6	5 1	8 26	0 36	3 27	6 22	24 19	1 21	24 49	0 52	17 19	0 45	13 48	0 48	0 34	1 54	40 37	16 45	17 18	17 31	7 36			n.a.
S 27	10 48	15 30	4 50	7 27	0 46	3 20	6 21	24 14	1 22	24 50	0 53	17 20	0 45	13 47	0 48	0 35	1 54	40 37	16 45	17 15	17 30	7 39			n.a.
S 28	10 27	10 19	4 26	6 29	0 56	3 11	6 19	24 8	1 22	24 51	0 53	17 20	0 45	13 45	0 48	0 36	1 54	40 36	16 44	17 11	17 29	7 43			n.a.
M29	10 5	4 50	3 50	5 31	1 5	3 1	6 17	24 2	1 23	24 51	0 53	17 20	0 45	13 44	0 48	0 37	1 54	40 36	16 44	17 8	17 28	7 46			n.a.
T 30	9 44	0s45	3 4	4 33	1 14	2 49	6 14	23 56	1 23	24 52	0 54	17 20	0 45	13 43	0 48	0 38	1 54	40 36	16 43	17 6	17 27	7 49			n.a.
W31	9s22	6s16	2n10	3s36	1n23	2n36	6n11	23s50	1s23	24s53	0s54	17s20	0n45	13s42	0s48	0n38	1s54	40n35	16n43	17n 4	17n26	7s52			n.a.

Julian Day Number = 189258.5, Delta T = 32h31m07s
Ecliptic obliquity = 24°07'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'04, Lahiri = -61°35'04 Julian Calendar 1 March 4195 BCE == Greg. Calendar 27 Jan. 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

APRIL 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 26 46	7♓27'52	2♏25	20♓ 0	22°R 6	21♑32	24♐16	19♏20	26♒49	5♈52	7°R23	15°R52	17♉ 8	24♎31	n.a.	T 1
F 2	10 30 42	8°24'57	14°13	21°58	21♓38	22°15	24°24	19°R20	26°53	5°54	7♋22	15°D51	17° 4	24°38	n.a.	F 2
S 3	10 34 39	9°22'02	26° 5	23°54	21° 8	22°59	24°32	19°20	26°56	5°56	7°22	15♉51	17° 1	24°44	n.a.	S 3
S 4	10 38 35	10°19'06	8♐ 7	25°48	20°36	23°42	24°40	19°20	26°59	5°58	7°21	15°R52	16°58	24°51	n.a.	S 4
M 5	10 42 32	11°16'10	20°23	27°39	20° 3	24°25	24°48	19°19	27° 3	6° 0	7°20	15°51	16°55	24°58	n.a.	M 5
T 6	10 46 28	12°13'14	2♑58	29°28	19°29	25° 8	24°56	19°19	27° 6	6° 2	7°20	15°49	16°52	25° 4	n.a.	T 6
W 7	10 50 25	13°10'17	15°58	1♈14	18°53	25°51	25° 3	19°19	27°10	6° 4	7°20	15°45	16°49	25°11	n.a.	W 7
T 8	10 54 21	14° 7'20	29°25	2°57	18°17	26°35	25°11	19°18	27°13	6° 6	7°19	15°39	16°45	25°18	n.a.	T 8
F 9	10 58 18	15° 4'23	13♒19	4°39	17°40	27°18	25°18	19°17	27°16	6° 8	7°19	15°31	16°42	25°24	n.a.	F 9
S 10	11 2 15	16° 1'25	27°39	6°17	17° 2	28° 0	25°25	19°17	27°20	6°10	7°18	15°22	16°39	25°31	n.a.	S 10
S 11	11 6 11	16°58'27	12♓19	7°53	16°25	28°43	25°32	19°16	27°23	6°12	7°18	15°13	16°36	25°38	n.a.	S 11
M12	11 10 8	17°55'29	27°13	9°27	15°47	29°26	25°39	19°15	27°26	6°14	7°18	15° 5	16°33	25°44	n.a.	M12
T 13	11 14 4	18°52'30	12♈11	10°58	15°10	0♒ 9	25°46	19°14	27°30	6°17	7°18	15° 0	16°30	25°51	n.a.	T 13
W14	11 18 1	19°49'30	27° 5	12°26	14°33	0°51	25°52	19°13	27°33	6°19	7°17	14°56	16°26	25°58	n.a.	W14
T 15	11 21 57	20°46'30	11♉48	13°51	13°57	1°34	25°59	19°12	27°36	6°21	7°17	14°D55	16°23	26° 4	n.a.	T 15
F 16	11 25 54	21°43'30	26°14	15°14	13°22	2°16	26° 5	19°10	27°39	6°23	7°17	14°55	16°20	26°11	n.a.	F 16
S 17	11 29 51	22°40'29	10♊21	16°34	12°48	2°59	26°11	19° 9	27°43	6°25	7°17	14°56	16°17	26°18	n.a.	S 17
S 18	11 33 47	23°37'28	24° 9	17°51	12°15	3°41	26°17	19° 7	27°46	6°27	7°17	14°R57	16°14	26°24	n.a.	S 18
M19	11 37 44	24°34'26	7♋37	19° 6	11°44	4°23	26°23	19° 6	27°49	6°30	7°17	14°56	16°10	26°31	n.a.	M19
T 20	11 41 40	25°31'24	20°49	20°18	11°15	5° 6	26°29	19° 4	27°52	6°32	7°D17	14°53	16° 7	26°38	n.a.	T 20
W21	11 45 37	26°28'21	3♌44	21°26	10°47	5°48	26°34	19° 2	27°55	6°34	7°17	14°48	16° 4	26°44	n.a.	W21
T 22	11 49 33	27°25'18	16°26	22°32	10°22	6°30	26°39	19° 1	27°58	6°36	7°17	14°42	16° 1	26°51	n.a.	T 22
F 23	11 53 30	28°22'15	28°56	23°34	9°59	7°12	26°44	18°59	28° 2	6°38	7°17	14°34	15°58	26°58	n.a.	F 23
S 24	11 57 27	29°19'11	11♍15	24°34	9°37	7°54	26°49	18°57	28° 5	6°41	7°17	14°26	15°55	27° 4	n.a.	S 24
S 25	12 1 23	0♈16'08	23°24	25°30	9°18	8°35	26°54	18°54	28° 8	6°43	7°17	14°18	15°51	27°11	n.a.	S 25
M26	12 5 20	1°13'04	5♎25	26°23	9° 2	9°17	26°59	18°52	28°11	6°45	7°17	14°12	15°48	27°18	n.a.	M26
T 27	12 9 16	2°10'01	17°19	27°12	8°48	9°59	27° 3	18°50	28°14	6°47	7°17	14° 7	15°45	27°24	n.a.	T 27
W28	12 13 13	3° 6'58	29° 9	27°57	8°36	10°40	27° 8	18°48	28°17	6°50	7°17	14° 4	15°42	27°31	n.a.	W28
T 29	12 17 9	4° 3'55	10♏56	28°39	8°26	11°22	27°12	18°45	28°20	6°52	7°18	14°D 2	15°39	27°37	n.a.	T 29
F 30	12 21 6	5♈ 0'53	22♏44	29♈18	8♓19	12♒ 3	27♐16	18♏43	28♒23	6♈54	7♋18	14♉ 3	15♉35	27♎44	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s 1	11s33	1n11	2s41	1n31	2n22	6n 6	23s43	1s24	24s53	0s54	17s20	0n45	13s41	0s48	0n39	1s54	40n35	16n43	17n 3	17n26	7s56		n.a.
F 2	8 39	16 25	0 9	1 46	1 39	2 6	6 1	23 36	1 24	24 54	0 54	17 20	0 45	13 39	0 48	0 40	1 54	40 35	16 42	17 3	17 25	7 59		n.a.
S 3	8 17	20 42	0s54	0 52	1 46	1 49	5 56	23 29	1 24	24 55	0 55	17 20	0 45	13 38	0 48	0 41	1 54	40 34	16 42	17 3	17 24	8 2		n.a.
S 4	7 55	24 11	1 56	0n 0	1 53	1 30	5 50	23 22	1 25	24 55	0 55	17 20	0 45	13 37	0 48	0 42	1 54	40 34	16 41	17 3	17 23	8 5		n.a.
M 5	7 32	26 38	2 53	0 51	1 59	1 11	5 43	23 14	1 25	24 56	0 55	17 20	0 45	13 36	0 48	0 43	1 54	40 33	16 41	17 3	17 22	8 9		n.a.
T 6	7 10	27 49	3 44	1 40	2 4	0 50	5 35	23 7	1 25	24 57	0 56	17 20	0 45	13 35	0 48	0 44	1 54	40 33	16 40	17 3	17 21	8 12		n.a.
W 7	6 48	27 31	4 25	2 28	2 9	0 28	5 27	22 59	1 26	24 57	0 56	17 20	0 45	13 33	0 48	0 45	1 54	40 32	16 40	17 1	17 20	8 15		n.a.
T 8	6 25	25 37	4 53	3 14	2 13	0 5	5 17	22 51	1 26	24 58	0 56	17 20	0 45	13 32	0 48	0 45	1 54	40 32	16 39	16 59	17 19	8 18		n.a.
F 9	6 2	22 8	5 4	3 58	2 17	0s18	5 8	22 42	1 26	24 58	0 56	17 20	0 45	13 31	0 48	0 46	1 54	40 32	16 39	16 57	17 18	8 22		n.a.
S 10	5 40	17 16	4 58	4 41	2 19	0 43	4 58	22 34	1 27	24 59	0 57	17 20	0 45	13 30	0 48	0 47	1 54	40 31	16 38	16 54	17 17	8 25		n.a.
S 11	5 17	11 17	4 32	5 22	2 21	1 8	4 47	22 25	1 27	24 59	0 57	17 19	0 45	13 29	0 48	0 48	1 54	40 31	16 38	16 52	17 16	8 28		n.a.
M12	4 54	4 35	3 47	6 1	2 23	1 33	4 35	22 16	1 27	25 0	0 57	17 19	0 45	13 28	0 48	0 49	1 54	40 30	16 38	16 49	17 15	8 31		n.a.
T 13	4 31	2n25	2 46	6 39	2 24	1 58	4 24	22 7	1 28	25 0	0 58	17 19	0 45	13 26	0 48	0 50	1 54	40 30	16 37	16 48	17 14	8 35		n.a.
W14	4 8	9 16	1 34	7 14	2 24	2 24	4 11	21 58	1 28	25 1	0 58	17 19	0 45	13 25	0 48	0 51	1 54	40 29	16 37	16 47	17 13	8 38		n.a.
T 15	3 45	15 32	0 17	7 48	2 23	2 50	3 59	21 48	1 28	25 1	0 58	17 18	0 45	13 24	0 48	0 52	1 54	40 29	16 36	16 46	17 12	8 41		n.a.
F 16	3 22	20 50	1n 0	8 20	2 22	3 16	3 46	21 39	1 29	25 2	0 58	17 18	0 45	13 23	0 48	0 53	1 54	40 28	16 36	16 46	17 12	8 44		n.a.
S 17	2 59	24 49	2 12	8 50	2 20	3 41	3 32	21 29	1 29	25 2	0 59	17 18	0 45	13 22	0 48	0 53	1 53	40 28	16 35	16 47	17 11	8 48		n.a.
S 18	2 36	27 14	3 15	9 18	2 17	4 6	3 19	21 19	1 29	25 3	0 59	17 17	0 44	13 21	0 48	0 54	1 53	40 27	16 35	16 47	17 10	8 51		n.a.
M19	2 13	27 58	4 5	9 44	2 14	4 31	3 5	21 9	1 29	25 3	0 59	17 17	0 44	13 20	0 48	0 55	1 53	40 27	16 34	16 46	17 9	8 54		n.a.
T 20	1 50	27 5	4 41	10 8	2 10	4 55	2 52	20 59	1 30	25 4	1 0	17 16	0 44	13 18	0 48	0 56	1 53	40 27	16 34	16 46	17 8	8 57		n.a.
W21	1 26	24 45	5 2	10 31	2 5	5 18	2 38	20 48	1 30	25 4	1 0	17 16	0 44	13 17	0 48	0 57	1 53	40 26	16 33	16 44	17 7	9 0		n.a.
T 22	1 3	21 13	5 7	10 51	1 59	5 41	2 24	20 38	1 30	25 5	1 0	17 15	0 44	13 16	0 49	0 58	1 53	40 26	16 33	16 42	17 6	9 4		n.a.
F 23	0 40	16 48	4 58	11 9	1 53	6 2	2 10	20 27	1 30	25 5	1 1	17 15	0 44	13 15	0 49	0 59	1 53	40 25	16 32	16 40	17 5	9 7		n.a.
S 24	0 17	11 46	4 35	11 25	1 47	6 23	1 57	20 16	1 31	25 6	1 1	17 14	0 44	13 14	0 49	1 0	1 53	40 25	16 32	16 37	17 4	9 10		n.a.
S 25	0n 7	6 20	4 0	11 40	1 39	6 43	1 43	20 5	1 31	25 6	1 1	17 14	0 44	13 13	0 49	1 1	1 53	40 24	16 31	16 35	17 3	9 13		n.a.
M26	0 30	0 44	3 14	11 52	1 31	7 2	1 30	19 54	1 31	25 7	1 2	17 13	0 44	13 12	0 49	1 2	1 53	40 24	16 31	16 33	17 2	9 17		n.a.
T 27	0 53	4s51	2 20	12 2	1 22	7 19	1 17	19 42	1 31	25 7	1 2	17 12	0 44	13 11	0 49	1 3	1 53	40 23	16 30	16 31	17 1	9 20		n.a.
W28	1 16	10 14	1 20	12 10	1 13	7 36	1 4	19 31	1 31	25 7	1 2	17 12	0 44	13 10	0 49	1 3	1 53	40 23	16 30	16 30	17 0	9 23		n.a.
T 29	1 40	15 16	0 17	12 16	1 2	7 51	0 51	19 19	1 32	25 8	1 3	17 11	0 44	13 9	0 49	1 4	1 53	40 22	16 29	16 30	16 59	9 26		n.a.
F 30	2n 3	19s44	0s47	12n20	0n52	8s 5	0n39	19s 8	1s32	25s 8	1s 3	17s11	0n44	13s 8	0s49	1n 5	1s53	40n22	16n29	16n30	16n58	9s29		n.a.

Julian Day Number = 189289.5, Delta T = 32h31m04s
Ecliptic obliquity = 24°07'06, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°42'00, Lahiri = -61°34'59 Julian Calendar 1 Apr. 4195 BCE == Greg. Calendar 27 Feb. 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

MAY 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 25 3	5♈57'51	4♐37	29♈52	8°R15	12♒45	27♐19	18°R40	28♒26	6♈56	7♋18	14♉ 4	15♉32	27♎51	n.a.	S 1
S 2	12 28 59	6°54'50	16°39	0♉22	8°D12	13°26	27°23	18♏37	28°29	6°58	7°19	14° 5	15°29	27°57	n.a.	S 2
M 3	12 32 56	7°51'49	28°55	0°48	8♓12	14° 7	27°26	18°34	28°31	7° 1	7°19	14° 7	15°26	28° 4	n.a.	M 3
T 4	12 36 52	8°48'49	11♊29	1° 9	8°15	14°48	27°30	18°32	28°34	7° 3	7°20	14°R 7	15°23	28°11	n.a.	T 4
W 5	12 40 49	9°45'50	24°26	1°26	8°20	15°29	27°33	18°29	28°37	7° 5	7°20	14° 6	15°20	28°17	n.a.	W 5
T 6	12 44 46	10°42'52	7♒49	1°39	8°26	16°10	27°36	18°26	28°40	7° 7	7°20	14° 4	15°16	28°24	n.a.	T 6
F 7	12 48 42	11°39'54	21°40	1°47	8°35	16°51	27°38	18°23	28°43	7°10	7°21	14° 0	15°13	28°31	n.a.	F 7
S 8	12 52 39	12°36'57	5♓59	1°R50	8°47	17°32	27°41	18°19	28°45	7°12	7°22	13°56	15°10	28°37	n.a.	S 8
S 9	12 56 35	13°34'00	20°42	1°48	9° 0	18°13	27°43	18°16	28°48	7°14	7°22	13°52	15° 7	28°44	n.a.	S 9
M10	13 0 32	14°31'04	5♈42	1°42	9°15	18°53	27°45	18°13	28°51	7°16	7°23	13°48	15° 4	28°51	n.a.	M10
T 11	13 4 28	15°28'09	20°52	1°31	9°32	19°34	27°47	18° 9	28°53	7°18	7°23	13°45	15° 1	28°57	n.a.	T 11
W12	13 8 25	16°25'15	6♉ 0	1°15	9°51	20°14	27°49	18° 6	28°56	7°21	7°24	13°44	14°57	29° 4	n.a.	W12
T 13	13 12 22	17°22'21	20°59	0°55	10°12	20°55	27°50	18° 2	28°59	7°23	7°25	13°D44	14°54	29°11	n.a.	T 13
F 14	13 16 18	18°19'28	5♊42	0°31	10°34	21°35	27°52	17°59	29° 1	7°25	7°26	13°45	14°51	29°17	n.a.	F 14
S 15	13 20 15	19°16'35	20° 2	0° 3	10°58	22°15	27°53	17°55	29° 4	7°27	7°26	13°46	14°48	29°24	n.a.	S 15
S 16	13 24 11	20°13'43	3♋58	29♈31	11°24	22°55	27°54	17°52	29° 6	7°30	7°27	13°47	14°45	29°31	n.a.	S 16
M17	13 28 8	21°10'51	17°30	28°56	11°51	23°35	27°55	17°48	29° 8	7°32	7°28	13°R48	14°41	29°37	n.a.	M17
T 18	13 32 4	22° 8'00	0♌39	28°18	12°20	24°15	27°55	17°44	29°11	7°34	7°29	13°48	14°38	29°44	n.a.	T 18
W19	13 36 1	23° 5'10	13°29	27°38	12°50	24°55	27°56	17°40	29°13	7°36	7°30	13°47	14°35	29°51	n.a.	W19
T 20	13 39 58	24° 2'20	26° 1	26°57	13°22	25°34	27°56	17°36	29°16	7°38	7°31	13°45	14°32	29°57	n.a.	T 20
F 21	13 43 54	24°59'30	8♍19	26°15	13°55	26°14	27°R56	17°32	29°18	7°40	7°32	13°42	14°29	0♏ 4	n.a.	F 21
S 22	13 47 51	25°56'42	20°27	25°33	14°30	26°54	27°56	17°28	29°20	7°43	7°33	13°39	14°26	0°10	n.a.	S 22
S 23	13 51 47	26°53'54	2♎25	24°52	15° 5	27°33	27°55	17°24	29°22	7°45	7°34	13°37	14°22	0°17	n.a.	S 23
M24	13 55 44	27°51'08	14°18	24°13	15°42	28°12	27°55	17°20	29°25	7°47	7°35	13°35	14°19	0°24	n.a.	M24
T 25	13 59 40	28°48'22	26° 8	23°35	16°20	28°52	27°54	17°16	29°27	7°49	7°36	13°33	14°16	0°30	n.a.	T 25
W26	14 3 37	29°45'38	7♏56	23° 1	16°59	29°31	27°53	17°12	29°29	7°51	7°37	13°D32	14°13	0°37	n.a.	W26
T 27	14 7 34	0♉42'54	19°44	22°30	17°39	0♓10	27°52	17° 7	29°31	7°53	7°38	13°33	14°10	0°44	n.a.	T 27
F 28	14 11 30	1°40'12	1♐36	22° 3	18°21	0°49	27°50	17° 3	29°33	7°55	7°39	13°33	14° 6	0°50	n.a.	F 28
S 29	14 15 27	2°37'32	13°34	21°41	19° 3	1°27	27°49	16°59	29°35	7°57	7°40	13°34	14° 3	0°57	n.a.	S 29
S 30	14 19 23	3°34'53	25°42	21°25	19°46	2° 6	27°47	16°55	29°37	7°59	7°42	13°35	14° 0	1° 4	n.a.	S 30
M31	14 23 20	4♉32'15	8♊ 1	21♈14	20♓31	2♓45	27♐45	16♏50	29♒39	8♈ 1	7♋43	13♉36	13♉57	1♏10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n26	23s28	1s50	12n22	0n40	8s18	0n27	18s56	1s32	25s 9	1s 3	17s10	0n44	13s 7	0s49	1n 6	1s53	40n21	16n28	16n31	16n57	9s33		n.a.
S 2	2 49	26 13	2 48	12 22	0 28	8 30	0 15	18 44	1 32	25 9	1 4	17 9	0 44	13 6	0 49	1 7	1 53	40 21	16 28	16 31	16 56	9 36		n.a.
M 3	3 12	27 47	3 41	12 19	0 16	8 40	0 4	18 32	1 32	25 9	1 4	17 8	0 44	13 5	0 49	1 8	1 53	40 20	16 27	16 31	16 55	9 39		n.a.
T 4	3 35	27 59	4 23	12 15	0 3	8 50	0s 8	18 19	1 32	25 10	1 4	17 8	0 44	13 4	0 49	1 9	1 53	40 19	16 27	16 32	16 55	9 42		n.a.
W 5	3 58	26 40	4 54	12 8	0s11	8 58	0 18	18 7	1 33	25 10	1 5	17 7	0 44	13 3	0 49	1 10	1 53	40 19	16 26	16 31	16 54	9 46		n.a.
T 6	4 21	23 49	5 11	11 59	0 25	9 5	0 29	17 54	1 33	25 11	1 5	17 6	0 44	13 2	0 49	1 11	1 53	40 18	16 26	16 31	16 53	9 49		n.a.
F 7	4 44	19 33	5 10	11 49	0 40	9 11	0 39	17 42	1 33	25 11	1 5	17 5	0 44	13 1	0 49	1 12	1 53	40 18	16 25	16 29	16 52	9 52		n.a.
S 8	5 7	14 2	4 50	11 36	0 54	9 15	0 49	17 29	1 33	25 11	1 6	17 4	0 44	13 0	0 49	1 13	1 53	40 17	16 25	16 28	16 51	9 55		n.a.
S 9	5 30	7 36	4 11	11 21	1 9	9 19	0 58	17 16	1 33	25 12	1 6	17 3	0 44	12 59	0 49	1 13	1 53	40 17	16 24	16 27	16 50	9 58		n.a.
M10	5 53	0 37	3 14	11 5	1 25	9 21	1 7	17 4	1 33	25 12	1 6	17 3	0 44	12 58	0 49	1 14	1 53	40 16	16 24	16 26	16 49	10 2		n.a.
T 11	6 15	6n29	2 2	10 47	1 40	9 23	1 16	16 50	1 33	25 13	1 7	17 2	0 44	12 57	0 49	1 15	1 53	40 16	16 23	16 25	16 48	10 5		n.a.
W12	6 38	13 14	0 42	10 27	1 55	9 23	1 24	16 37	1 34	25 13	1 7	17 1	0 44	12 56	0 49	1 16	1 53	40 15	16 23	16 24	16 47	10 8		n.a.
T 13	7 0	19 9	0n40	10 5	2 10	9 22	1 32	16 24	1 34	25 13	1 7	17 0	0 44	12 55	0 49	1 17	1 53	40 15	16 22	16 24	16 46	10 11		n.a.
F 14	7 23	23 48	1 58	9 43	2 25	9 20	1 40	16 11	1 34	25 14	1 8	16 59	0 43	12 54	0 49	1 18	1 53	40 14	16 22	16 25	16 45	10 14		n.a.
S 15	7 45	26 50	3 7	9 19	2 40	9 18	1 47	15 58	1 34	25 14	1 8	16 58	0 43	12 53	0 49	1 19	1 53	40 14	16 21	16 25	16 44	10 18		n.a.
S 16	8 7	28 6	4 2	8 55	2 54	9 14	1 54	15 44	1 34	25 14	1 8	16 57	0 43	12 53	0 49	1 20	1 53	40 13	16 21	16 26	16 43	10 21		n.a.
M17	8 29	27 36	4 43	8 30	3 7	9 9	2 0	15 31	1 34	25 15	1 9	16 56	0 43	12 52	0 49	1 21	1 53	40 13	16 21	16 26	16 42	10 24		n.a.
T 18	8 51	25 34	5 7	8 5	3 19	9 4	2 7	15 17	1 34	25 15	1 9	16 55	0 43	12 51	0 49	1 21	1 53	40 12	16 20	16 26	16 41	10 27		n.a.
W19	9 13	22 16	5 15	7 40	3 30	8 58	2 13	15 3	1 34	25 15	1 9	16 54	0 43	12 50	0 49	1 22	1 53	40 12	16 20	16 25	16 40	10 30		n.a.
T 20	9 35	18 0	5 8	7 16	3 40	8 50	2 19	14 50	1 34	25 16	1 10	16 53	0 43	12 49	0 49	1 23	1 53	40 11	16 19	16 25	16 39	10 34		n.a.
F 21	9 56	13 5	4 47	6 52	3 49	8 42	2 24	14 36	1 34	25 16	1 10	16 51	0 43	12 48	0 49	1 24	1 53	40 11	16 19	16 24	16 38	10 37		n.a.
S 22	10 18	7 45	4 13	6 30	3 56	8 33	2 29	14 22	1 34	25 16	1 10	16 50	0 43	12 48	0 49	1 25	1 53	40 10	16 18	16 23	16 37	10 40		n.a.
S 23	10 39	2 11	3 28	6 10	4 2	8 24	2 34	14 8	1 34	25 17	1 11	16 49	0 43	12 47	0 49	1 26	1 53	40 10	16 18	16 22	16 36	10 43		n.a.
M24	11 0	3s26	2 35	5 51	4 6	8 13	2 39	13 54	1 34	25 17	1 11	16 48	0 43	12 46	0 49	1 27	1 53	40 9	16 17	16 22	16 35	10 46		n.a.
T 25	11 21	8 54	1 35	5 34	4 9	8 2	2 43	13 40	1 34	25 18	1 11	16 47	0 43	12 45	0 49	1 27	1 53	40 8	16 17	16 21	16 34	10 50		n.a.
W26	11 42	14 4	0 31	5 20	4 10	7 50	2 47	13 26	1 34	25 18	1 12	16 46	0 43	12 45	0 49	1 28	1 53	40 8	16 16	16 21	16 33	10 53		n.a.
T 27	12 3	18 43	0s34	5 9	4 9	7 37	2 51	13 12	1 34	25 18	1 12	16 45	0 43	12 44	0 49	1 29	1 53	40 7	16 16	16 21	16 32	10 56		n.a.
F 28	12 23	22 40	1 38	5 1	4 7	7 24	2 55	12 57	1 34	25 18	1 13	16 44	0 43	12 43	0 49	1 30	1 53	40 7	16 16	16 21	16 31	10 59		n.a.
S 29	12 44	25 42	2 39	4 56	4 3	7 10	2 58	12 43	1 34	25 19	1 13	16 42	0 42	12 43	0 49	1 31	1 53	40 6	16 15	16 21	16 30	11 2		n.a.
S 30	13 4	27 36	3 33	4 55	3 58	6 55	3 1	12 29	1 34	25 19	1 13	16 41	0 42	12 42	0 50	1 32	1 53	40 6	16 15	16 22	16 29	11 6		n.a.
M31	13n24	28s10	4s18	4n56	3s52	6s40	3s 4	12s15	1s34	25s19	1s14	16s40	0n42	12s41	0s50	1n32	1s53	40n 5	16n14	16n22	16n28	11s 9		n.a.

Julian Day Number = 189319.5, Delta T = 32h31m01s
Ecliptic obliquity = 24°07'06, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'56, Lahiri = -61°34'55 Julian Calendar 1 May 4195 BCE == Greg. Calendar 29 March 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

JUNE 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 27 17	5♉29'39	20♋37	21°D 9	21♓16	3♓23	27°R43	16°R46	29♒41	8♈ 3	7♋44	13♉36	13♉54	1♏17	n.a.	T 1
W 2	14 31 13	6°27'04	3♒32	21♈10	22° 2	4° 2	27♐41	16♏41	29°42	8° 5	7°45	13°R37	13°51	1°24	n.a.	W 2
T 3	14 35 10	7°24'32	16°50	21°17	22°49	4°40	27°38	16°37	29°44	8° 7	7°47	13°37	13°47	1°30	n.a.	T 3
F 4	14 39 6	8°22'00	0♓33	21°32	23°36	5°18	27°36	16°33	29°46	8° 9	7°48	13°36	13°44	1°37	n.a.	F 4
S 5	14 43 3	9°19'31	14°42	21°53	24°25	5°56	27°33	16°28	29°48	8°11	7°50	13°36	13°41	1°44	n.a.	S 5
S 6	14 46 59	10°17'03	29°14	22°20	25°14	6°34	27°30	16°24	29°49	8°13	7°51	13°36	13°38	1°50	n.a.	S 6
M 7	14 50 56	11°14'37	14♈ 7	22°54	26° 4	7°12	27°26	16°19	29°51	8°15	7°52	13°35	13°35	1°57	n.a.	M 7
T 8	14 54 52	12°12'12	29°12	23°35	26°54	7°50	27°23	16°14	29°52	8°17	7°54	13°35	13°32	2° 4	n.a.	T 8
W 9	14 58 49	13° 9'49	14♉22	24°23	27°46	8°28	27°19	16°10	29°54	8°19	7°55	13°35	13°28	2°10	n.a.	W 9
T 10	15 2 46	14° 7'28	29°28	25°16	28°38	9° 5	27°16	16° 5	29°55	8°21	7°57	13°35	13°25	2°17	n.a.	T 10
F 11	15 6 42	15° 5'09	14♊20	26°17	29°30	9°43	27°12	16° 1	29°57	8°23	7°58	13°35	13°22	2°23	n.a.	F 11
S 12	15 10 39	16° 2'50	28°51	27°23	0♈23	10°20	27° 7	15°56	29°58	8°25	8° 0	13°35	13°19	2°30	n.a.	S 12
S 13	15 14 35	17° 0'34	12♋58	28°35	1°17	10°57	27° 3	15°52	29°59	8°27	8° 2	13°34	13°16	2°37	n.a.	S 13
M14	15 18 32	17°58'18	26°37	29°53	2°12	11°34	26°59	15°47	0♓ 1	8°28	8° 3	13°34	13°12	2°43	n.a.	M14
T 15	15 22 28	18°56'04	9♌51	1♉16	3° 6	12°11	26°54	15°43	0° 2	8°30	8° 5	13°34	13° 9	2°50	n.a.	T 15
W16	15 26 25	19°53'52	22°41	2°44	4° 2	12°48	26°49	15°38	0° 3	8°32	8° 7	13°D34	13° 6	2°57	n.a.	W16
T 17	15 30 22	20°51'41	5♍11	4°17	4°58	13°25	26°44	15°34	0° 4	8°34	8° 8	13°34	13° 3	3° 3	n.a.	T 17
F 18	15 34 18	21°49'31	17°24	5°54	5°54	14° 1	26°39	15°29	0° 5	8°36	8°10	13°35	13° 0	3°10	n.a.	F 18
S 19	15 38 15	22°47'23	29°25	7°35	6°51	14°38	26°33	15°25	0° 6	8°37	8°12	13°35	12°57	3°17	n.a.	S 19
S 20	15 42 11	23°45'16	11♎18	9°20	7°48	15°14	26°28	15°20	0° 7	8°39	8°14	13°36	12°53	3°23	n.a.	S 20
M21	15 46 8	24°43'12	23° 7	11° 7	8°46	15°50	26°22	15°16	0° 8	8°41	8°15	13°37	12°50	3°30	n.a.	M21
T 22	15 50 4	25°41'08	4♏55	12°58	9°44	16°26	26°17	15°11	0° 9	8°42	8°17	13°38	12°47	3°37	n.a.	T 22
W23	15 54 1	26°39'07	16°44	14°50	10°43	17° 2	26°11	15° 7	0°10	8°44	8°19	13°R38	12°44	3°43	n.a.	W23
T 24	15 57 57	27°37'08	28°38	16°45	11°42	17°38	26° 5	15° 2	0°11	8°46	8°21	13°38	12°41	3°50	n.a.	T 24
F 25	16 1 54	28°35'10	10♐38	18°41	12°42	18°14	25°58	14°58	0°12	8°47	8°23	13°36	12°38	3°57	n.a.	F 25
S 26	16 5 51	29°33'15	22°47	20°38	13°41	18°49	25°52	14°54	0°12	8°49	8°25	13°34	12°34	4° 3	n.a.	S 26
S 27	16 9 47	0♊31'22	5♑ 5	22°35	14°42	19°25	25°46	14°49	0°13	8°50	8°26	13°32	12°31	4°10	n.a.	S 27
M28	16 13 44	1°29'31	17°36	24°33	15°42	20° 0	25°39	14°45	0°14	8°52	8°28	13°29	12°28	4°16	n.a.	M28
T 29	16 17 40	2°27'42	0♒20	26°32	16°43	20°35	25°32	14°41	0°14	8°53	8°30	13°27	12°25	4°23	n.a.	T 29
W30	16 21 37	3♊25'55	13♒20	28♉30	17♈45	21♓10	25♐26	14♏37	0♓15	8♈55	8♋32	13♉25	12♉22	4♏30	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n43	27s18	4s52	5n 1	3s44	6s24	3s 7	12s 0	1s34	25s20	1s14	16s39	0n42	12s41	0s50	1n33	1s53	40n 5	16n14	16n22	16n28	11s12		n.a.
W 2	14 3	24 58	5 13	5 10	3 35	6 8	3 9	11 46	1 34	25 20	1 14	16 38	0 42	12 40	0 50	1 34	1 54	40 4	16 13	16 22	16 27	11 15		n.a.
T 3	14 22	21 15	5 17	5 22	3 26	5 51	3 11	11 31	1 34	25 20	1 15	16 36	0 42	12 39	0 50	1 35	1 54	40 4	16 13	16 22	16 26	11 18		n.a.
F 4	14 41	16 18	5 4	5 37	3 15	5 33	3 13	11 17	1 34	25 21	1 15	16 35	0 42	12 39	0 50	1 36	1 54	40 3	16 13	16 22	16 25	11 21		n.a.
S 5	15 0	10 21	4 32	5 56	3 3	5 15	3 15	11 2	1 34	25 21	1 15	16 34	0 42	12 38	0 50	1 36	1 54	40 3	16 12	16 22	16 24	11 25		n.a.
S 6	15 19	3 41	3 42	6 18	2 51	4 57	3 17	10 48	1 34	25 21	1 16	16 33	0 42	12 38	0 50	1 37	1 54	40 2	16 12	16 22	16 23	11 28		n.a.
M 7	15 38	3n19	2 37	6 43	2 38	4 37	3 18	10 33	1 34	25 21	1 16	16 31	0 42	12 37	0 50	1 38	1 54	40 2	16 11	16 22	16 22	11 31		n.a.
T 8	15 56	10 16	1 19	7 10	2 25	4 18	3 20	10 19	1 34	25 22	1 16	16 30	0 42	12 37	0 50	1 39	1 54	40 1	16 11	16 22	16 21	11 34		n.a.
W 9	16 14	16 40	0n 4	7 41	2 11	3 58	3 21	10 4	1 34	25 22	1 17	16 29	0 42	12 36	0 50	1 39	1 54	40 1	16 11	16 22	16 20	11 37		n.a.
T 10	16 32	22 1	1 27	8 14	1 57	3 37	3 21	9 49	1 34	25 22	1 17	16 28	0 41	12 36	0 50	1 40	1 54	40 0	16 10	16 22	16 19	11 40		n.a.
F 11	16 49	25 51	2 43	8 49	1 43	3 17	3 22	9 35	1 33	25 22	1 17	16 26	0 41	12 35	0 50	1 41	1 54	40 0	16 10	16 22	16 18	11 44		n.a.
S 12	17 6	27 53	3 46	9 27	1 29	2 55	3 23	9 20	1 33	25 23	1 18	16 25	0 41	12 35	0 50	1 42	1 54	39 59	16 10	16 22	16 17	11 47		n.a.
S 13	17 23	28 0	4 33	10 7	1 15	2 34	3 23	9 6	1 33	25 23	1 18	16 24	0 41	12 34	0 50	1 42	1 54	39 59	16 9	16 22	16 16	11 50		n.a.
M14	17 40	26 23	5 4	10 48	1 1	2 12	3 23	8 51	1 33	25 23	1 18	16 23	0 41	12 34	0 50	1 43	1 54	39 58	16 9	16 21	16 15	11 53		n.a.
T 15	17 57	23 21	5 17	11 31	0 47	1 49	3 23	8 36	1 33	25 23	1 19	16 21	0 41	12 33	0 50	1 44	1 54	39 58	16 8	16 21	16 14	11 56		n.a.
W16	18 13	19 15	5 13	12 15	0 33	1 27	3 23	8 22	1 33	25 24	1 19	16 20	0 41	12 33	0 50	1 44	1 54	39 58	16 8	16 21	16 13	11 59		n.a.
T 17	18 29	14 26	4 55	13 0	0 20	1 4	3 23	8 7	1 33	25 24	1 19	16 19	0 41	12 33	0 50	1 45	1 54	39 57	16 8	16 21	16 12	12 2		n.a.
F 18	18 44	9 9	4 24	13 45	0 7	0 40	3 22	7 52	1 33	25 24	1 19	16 18	0 41	12 32	0 50	1 46	1 54	39 57	16 7	16 22	16 11	12 6		n.a.
S 19	18 59	3 36	3 41	14 31	0n 5	0 17	3 22	7 38	1 32	25 24	1 20	16 16	0 40	12 32	0 50	1 46	1 54	39 56	16 7	16 22	16 10	12 9		n.a.
S 20	19 14	2s 0	2 50	15 17	0 17	0n 7	3 21	7 23	1 32	25 24	1 20	16 15	0 40	12 32	0 50	1 47	1 54	39 56	16 7	16 22	16 9	12 12		n.a.
M21	19 29	7 31	1 51	16 2	0 28	0 31	3 20	7 9	1 32	25 24	1 20	16 14	0 40	12 31	0 50	1 48	1 54	39 55	16 6	16 22	16 8	12 15		n.a.
T 22	19 43	12 46	0 48	16 47	0 39	0 55	3 19	6 54	1 32	25 24	1 21	16 13	0 40	12 31	0 50	1 48	1 54	39 55	16 6	16 23	16 7	12 18		n.a.
W23	19 57	17 35	0s17	17 31	0 49	1 20	3 18	6 40	1 32	25 25	1 21	16 12	0 40	12 31	0 50	1 49	1 54	39 54	16 6	16 23	16 6	12 21		n.a.
T 24	20 11	21 45	1 22	18 14	0 58	1 45	3 17	6 25	1 32	25 25	1 21	16 10	0 40	12 30	0 50	1 50	1 54	39 54	16 6	16 23	16 5	12 24		n.a.
F 25	20 24	25 3	2 24	18 56	1 6	2 10	3 16	6 10	1 31	25 25	1 22	16 9	0 40	12 30	0 51	1 50	1 54	39 54	16 5	16 22	16 4	12 27		n.a.
S 26	20 37	27 14	3 20	19 36	1 14	2 35	3 14	5 56	1 31	25 25	1 22	16 8	0 40	12 30	0 51	1 51	1 54	39 53	16 5	16 22	16 3	12 31		n.a.
S 27	20 50	28 8	4 7	20 14	1 20	3 0	3 13	5 42	1 31	25 25	1 22	16 7	0 40	12 30	0 51	1 51	1 54	39 53	16 5	16 21	16 2	12 34		n.a.
M28	21 2	27 37	4 44	20 50	1 26	3 26	3 11	5 27	1 31	25 25	1 22	16 6	0 39	12 30	0 51	1 52	1 54	39 52	16 4	16 20	16 1	12 37		n.a.
T 29	21 14	25 38	5 7	21 25	1 32	3 51	3 9	5 13	1 30	25 25	1 23	16 4	0 39	12 29	0 51	1 53	1 54	39 52	16 4	16 19	16 0	12 40		n.a.
W30	21n26	22s18	5s15	21n57	1n36	4n17	3s 7	4s58	1s30	25s25	1s23	16s 3	0n39	12s29	0s51	1n53	1s54	39n51	16n 4	16n19	15n59	12s43		n.a.

Julian Day Number = 189350.5, Delta T = 32h30m57s
Ecliptic obliquity = 24°07'06, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'52, Lahiri = -61°34'51 Julian Calendar 1 June 4195 BCE == Greg. Calendar 29 Apr. 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

JULY 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 25 33	4♊24'10	26♒38	0♊28	18♈46	21♓45	25°R19	14°R33	0♓15	8♈56	8♋34	13°R24	12♉18	4♏36	n.a.	T 1
F 2	16 29 30	5°22'28	10♓14	2°25	19°49	22°20	25♐12	14♏28	0°15	8°58	8°36	13°D24	12°15	4°43	n.a.	F 2
S 3	16 33 26	6°20'48	24°11	4°22	20°51	22°54	25° 5	14°24	0°16	8°59	8°38	13♉25	12°12	4°50	n.a.	S 3
S 4	16 37 23	7°19'11	8♈27	6°18	21°54	23°29	24°57	14°20	0°16	9° 0	8°40	13°26	12° 9	4°56	n.a.	S 4
M 5	16 41 20	8°17'36	23° 2	8°13	22°57	24° 3	24°50	14°16	0°16	9° 2	8°42	13°27	12° 6	5° 3	n.a.	M 5
T 6	16 45 16	9°16'03	7♉50	10° 8	24° 0	24°37	24°43	14°13	0°17	9° 3	8°44	13°R28	12° 3	5°10	n.a.	T 6
W 7	16 49 13	10°14'33	22°46	12° 1	25° 4	25°11	24°35	14° 9	0°17	9° 4	8°46	13°28	11°59	5°16	n.a.	W 7
T 8	16 53 9	11°13'05	7♊42	13°54	26° 7	25°44	24°27	14° 5	0°17	9° 6	8°49	13°26	11°56	5°23	n.a.	T 8
F 9	16 57 6	12°11'39	22°31	15°45	27°12	26°18	24°20	14° 1	0°R17	9° 7	8°51	13°24	11°53	5°30	n.a.	F 9
S 10	17 1 2	13°10'16	7♋ 4	17°35	28°16	26°51	24°12	13°57	0°17	9° 8	8°53	13°20	11°50	5°36	n.a.	S 10
S 11	17 4 59	14° 8'54	21°15	19°25	29°21	27°25	24° 4	13°54	0°17	9° 9	8°55	13°15	11°47	5°43	n.a.	S 11
M12	17 8 55	15° 7'34	5♌ 1	21°13	0♉26	27°58	23°57	13°50	0°17	9°10	8°57	13°10	11°44	5°50	n.a.	M12
T 13	17 12 52	16° 6'17	18°20	23° 0	1°31	28°30	23°49	13°47	0°16	9°11	8°59	13° 6	11°40	5°56	n.a.	T 13
W14	17 16 49	17° 5'01	1♍14	24°46	2°36	29° 3	23°41	13°43	0°16	9°13	9° 1	13° 4	11°37	6° 3	n.a.	W14
T 15	17 20 45	18° 3'47	13°45	26°31	3°42	29°36	23°33	13°40	0°16	9°14	9° 4	13°D 3	11°34	6°10	n.a.	T 15
F 16	17 24 42	19° 2'35	25°58	28°14	4°48	0♈ 8	23°25	13°37	0°16	9°15	9° 6	13° 3	11°31	6°16	n.a.	F 16
S 17	17 28 38	20° 1'25	7♎57	29°57	5°54	0°40	23°17	13°34	0°15	9°16	9° 8	13° 4	11°28	6°23	n.a.	S 17
S 18	17 32 35	21° 0'18	19°48	1♋39	7° 0	1°12	23° 9	13°30	0°15	9°17	9°10	13° 6	11°24	6°29	n.a.	S 18
M19	17 36 31	21°59'12	1♏36	3°20	8° 7	1°44	23° 1	13°27	0°14	9°17	9°12	13° 7	11°21	6°36	n.a.	M19
T 20	17 40 28	22°58'08	13°24	5° 0	9°14	2°15	22°53	13°24	0°14	9°18	9°15	13°R 8	11°18	6°43	n.a.	T 20
W21	17 44 24	23°57'06	25°18	6°38	10°21	2°46	22°45	13°22	0°13	9°19	9°17	13° 7	11°15	6°49	n.a.	W21
T 22	17 48 21	24°56'07	7♐19	8°16	11°28	3°18	22°37	13°19	0°13	9°20	9°19	13° 4	11°12	6°56	n.a.	T 22
F 23	17 52 17	25°55'10	19°31	9°53	12°35	3°48	22°29	13°16	0°12	9°21	9°21	12°59	11° 9	7° 3	n.a.	F 23
S 24	17 56 14	26°54'15	1♑54	11°29	13°43	4°19	22°21	13°13	0°11	9°22	9°24	12°53	11° 5	7° 9	n.a.	S 24
S 25	18 0 10	27°53'22	14°30	13° 4	14°51	4°50	22°13	13°11	0°11	9°22	9°26	12°45	11° 2	7°16	n.a.	S 25
M26	18 4 7	28°52'32	27°19	14°38	15°59	5°20	22° 5	13° 8	0°10	9°23	9°28	12°37	10°59	7°23	n.a.	M26
T 27	18 8 3	29°51'44	10♒21	16°11	17° 7	5°50	21°57	13° 6	0° 9	9°24	9°31	12°29	10°56	7°29	n.a.	T 27
W28	18 12 0	0♋50'59	23°35	17°43	18°15	6°20	21°49	13° 4	0° 8	9°24	9°33	12°22	10°53	7°36	n.a.	W28
T 29	18 15 57	1°50'16	7♓ 2	19°15	19°24	6°49	21°42	13° 1	0° 7	9°25	9°35	12°17	10°50	7°43	n.a.	T 29
F 30	18 19 53	2°49'36	20°40	20°45	20°32	7°19	21°34	12°59	0° 6	9°26	9°37	12°15	10°46	7°49	n.a.	F 30
S 31	18 23 50	3♋48'58	4♈32	22♋14	21♉41	7♈48	21♐26	12♏57	0♓ 5	9♈26	9♋40	12°D14	10♉43	7♏56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n37	17s46	5s 7	22n27	1n40	4n43	3s 5	4s44	1s30	25s25	1s23	16s 2	0n39	12s29	0s51	1n54	1s55	39n51	16n 4	16n18	15n58	12s46		n.a.
F 2	21 48	12 15	4 41	22 55	1 43	5 9	3 3	4 30	1 30	25 25	1 23	16 1	0 39	12 29	0 51	1 54	1 55	39 51	16 3	16 18	15 57	12 49		n.a.
S 3	21 59	6 1	3 59	23 21	1 46	5 35	3 1	4 15	1 29	25 25	1 24	16 0	0 39	12 29	0 51	1 55	1 55	39 50	16 3	16 18	15 56	12 52		n.a.
S 4	22 9	0n41	3 1	23 44	1 47	6 1	2 58	4 1	1 29	25 25	1 24	15 59	0 39	12 29	0 51	1 55	1 55	39 50	16 3	16 19	15 55	12 56		n.a.
M 5	22 19	7 30	1 50	24 5	1 49	6 27	2 56	3 47	1 29	25 25	1 24	15 58	0 39	12 29	0 51	1 56	1 55	39 50	16 3	16 19	15 54	12 59		n.a.
T 6	22 28	14 2	0 31	24 24	1 49	6 53	2 54	3 33	1 29	25 25	1 24	15 57	0 38	12 29	0 51	1 56	1 55	39 49	16 3	16 20	15 53	13 2		n.a.
W 7	22 37	19 48	0n51	24 40	1 49	7 19	2 51	3 19	1 28	25 25	1 24	15 56	0 38	12 29	0 51	1 57	1 55	39 49	16 2	16 20	15 52	13 5		n.a.
T 8	22 45	24 20	2 9	24 55	1 49	7 46	2 48	3 5	1 28	25 25	1 25	15 55	0 38	12 29	0 51	1 57	1 55	39 48	16 2	16 19	15 51	13 8		n.a.
F 9	22 54	27 12	3 18	25 7	1 48	8 12	2 46	2 51	1 28	25 24	1 25	15 53	0 38	12 29	0 51	1 58	1 55	39 48	16 2	16 18	15 50	13 11		n.a.
S 10	23 1	28 7	4 12	25 17	1 46	8 38	2 43	2 37	1 27	25 24	1 25	15 53	0 38	12 29	0 51	1 58	1 55	39 48	16 2	16 17	15 49	13 14		n.a.
S 11	23 9	27 9	4 50	25 25	1 44	9 4	2 40	2 23	1 27	25 24	1 25	15 52	0 38	12 29	0 51	1 58	1 55	39 47	16 2	16 16	15 48	13 17		n.a.
M12	23 16	24 32	5 9	25 31	1 42	9 30	2 37	2 9	1 27	25 24	1 25	15 51	0 38	12 29	0 51	1 59	1 55	39 47	16 1	16 14	15 47	13 20		n.a.
T 13	23 22	20 40	5 11	25 35	1 39	9 56	2 34	1 55	1 26	25 24	1 26	15 50	0 38	12 29	0 51	1 59	1 55	39 47	16 1	16 13	15 46	13 23		n.a.
W14	23 28	15 57	4 57	25 37	1 36	10 22	2 31	1 42	1 26	25 23	1 26	15 49	0 37	12 29	0 51	2 0	1 55	39 46	16 1	16 12	15 45	13 27		n.a.
T 15	23 34	10 41	4 29	25 37	1 32	10 48	2 28	1 28	1 26	25 23	1 26	15 48	0 37	12 29	0 51	2 0	1 55	39 46	16 1	16 12	15 44	13 30		n.a.
F 16	23 39	5 8	3 49	25 35	1 29	11 14	2 24	1 15	1 25	25 23	1 26	15 47	0 37	12 30	0 51	2 0	1 55	39 46	16 1	16 12	15 43	13 33		n.a.
S 17	23 44	0s30	3 0	25 31	1 24	11 39	2 21	1 1	1 25	25 23	1 26	15 46	0 37	12 30	0 51	2 1	1 55	39 45	16 1	16 12	15 42	13 36		n.a.
S 18	23 48	6 3	2 4	25 26	1 20	12 4	2 18	0 48	1 25	25 22	1 26	15 45	0 37	12 30	0 51	2 1	1 55	39 45	16 1	16 13	15 41	13 39		n.a.
M19	23 52	11 23	1 2	25 20	1 15	12 30	2 14	0 35	1 24	25 22	1 27	15 44	0 37	12 30	0 52	2 1	1 55	39 45	16 0	16 13	15 40	13 42		n.a.
T 20	23 55	16 20	0s 2	25 11	1 10	12 55	2 11	0 21	1 24	25 22	1 27	15 44	0 37	12 30	0 52	2 2	1 55	39 45	16 0	16 13	15 39	13 45		n.a.
W21	23 58	20 41	1 6	25 1	1 5	13 20	2 8	0 8	1 23	25 22	1 27	15 43	0 36	12 31	0 52	2 2	1 56	39 44	16 0	16 13	15 38	13 48		n.a.
T 22	24 1	24 14	2 7	24 50	0 59	13 44	2 4	0n 5	1 23	25 21	1 27	15 42	0 36	12 31	0 52	2 2	1 56	39 44	16 0	16 12	15 37	13 51		n.a.
F 23	24 3	26 45	3 4	24 38	0 53	14 9	2 0	0 18	1 23	25 21	1 27	15 41	0 36	12 31	0 52	2 3	1 56	39 44	16 0	16 11	15 36	13 54		n.a.
S 24	24 5	27 59	3 53	24 24	0 48	14 33	1 57	0 31	1 22	25 20	1 27	15 41	0 36	12 31	0 52	2 3	1 56	39 43	16 0	16 9	15 35	13 57		n.a.
S 25	24 6	27 48	4 31	24 8	0 41	14 57	1 53	0 44	1 22	25 20	1 27	15 40	0 36	12 32	0 52	2 3	1 56	39 43	16 0	16 6	15 34	14 0		n.a.
M26	24 7	26 8	4 57	23 52	0 35	15 21	1 50	0 56	1 21	25 20	1 27	15 39	0 36	12 32	0 52	2 3	1 56	39 43	16 0	16 4	15 33	14 3		n.a.
T 27	24 7	23 3	5 7	23 35	0 28	15 44	1 46	1 9	1 21	25 19	1 28	15 39	0 36	12 32	0 52	2 4	1 56	39 43	16 0	16 1	15 32	14 6		n.a.
W28	24 7	18 46	5 2	23 16	0 22	16 7	1 42	1 22	1 20	25 19	1 28	15 38	0 35	12 33	0 52	2 4	1 56	39 43	16 0	15 59	15 31	14 10		n.a.
T 29	24 6	13 29	4 39	22 56	0 15	16 30	1 38	1 34	1 20	25 18	1 28	15 38	0 35	12 33	0 52	2 4	1 56	39 42	16 0	15 58	15 30	14 13		n.a.
F 30	24 5	7 28	4 1	22 36	0 8	16 52	1 35	1 46	1 19	25 18	1 28	15 37	0 35	12 34	0 52	2 4	1 56	39 42	16 0	15 57	15 29	14 16		n.a.
S 31	24n 3	1s 1	3s 9	22n14	0n 1	17n14	1s31	1n59	1s19	25s18	1s28	15s37	0n35	12s34	0s52	2n 4	1s56	39n42	16n 0	15n56	15n28	14s19		n.a.

Julian Day Number = 189380.5, Delta T = 32h30m54s
Ecliptic obliquity = 24°07'05, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'48, Lahiri = -61°34'47 Julian Calendar 1 July 4195 BCE == Greg. Calendar 29 May 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

AUGUST 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 27 46	4♋48'23	18♈35	23♋43	22♉50	8♈17	21°R19	12°R55	0°R 4	9♈27	9♋42	12♉14	10♉40	8♏ 3	n.a.	S 1
M 2	18 31 43	5°47'50	2♉50	25°11	24° 0	8°45	21♐11	12♏53	0♓ 3	9°27	9°44	12°15	10°37	8° 9	n.a.	M 2
T 3	18 35 39	6°47'20	17°16	26°38	25° 9	9°14	21° 4	12°52	0° 1	9°28	9°47	12°R16	10°34	8°16	n.a.	T 3
W 4	18 39 36	7°46'53	1♊48	28° 3	26°19	9°42	20°56	12°50	0° 0	9°28	9°49	12°14	10°30	8°22	n.a.	W 4
T 5	18 43 32	8°46'28	16°23	29°28	27°28	10°10	20°49	12°48	29♒59	9°28	9°51	12°10	10°27	8°29	n.a.	T 5
F 6	18 47 29	9°46'06	0♋53	0♌52	28°38	10°37	20°42	12°47	29°58	9°29	9°54	12° 3	10°24	8°36	n.a.	F 6
S 7	18 51 25	10°45'46	15°14	2°15	29°48	11° 4	20°35	12°46	29°56	9°29	9°56	11°55	10°21	8°42	n.a.	S 7
S 8	18 55 22	11°45'28	29°18	3°37	0♊59	11°31	20°28	12°44	29°55	9°29	9°58	11°45	10°18	8°49	n.a.	S 8
M 9	18 59 18	12°45'12	13♌ 1	4°57	2° 9	11°58	20°21	12°43	29°53	9°30	10° 1	11°34	10°15	8°56	n.a.	M 9
T 10	19 3 15	13°44'59	26°20	6°17	3°19	12°24	20°14	12°42	29°52	9°30	10° 3	11°25	10°11	9° 2	n.a.	T 10
W11	19 7 12	14°44'47	9♍15	7°35	4°30	12°50	20° 8	12°41	29°50	9°30	10° 5	11°17	10° 8	9° 9	n.a.	W11
T 12	19 11 8	15°44'37	21°47	8°52	5°41	13°16	20° 1	12°40	29°49	9°30	10° 8	11°12	10° 5	9°16	n.a.	T 12
F 13	19 15 5	16°44'30	4♎ 1	10° 7	6°51	13°42	19°55	12°40	29°47	9°30	10°10	11° 9	10° 2	9°22	n.a.	F 13
S 14	19 19 1	17°44'24	16° 1	11°21	8° 2	14° 7	19°49	12°39	29°46	9°30	10°12	11°D 8	9°59	9°29	n.a.	S 14
S 15	19 22 58	18°44'20	27°52	12°34	9°14	14°32	19°42	12°38	29°44	9°R30	10°14	11° 9	9°56	9°36	n.a.	S 15
M16	19 26 54	19°44'18	9♏40	13°44	10°25	14°56	19°37	12°38	29°42	9°30	10°17	11°R 9	9°52	9°42	n.a.	M16
T 17	19 30 51	20°44'18	21°29	14°53	11°36	15°20	19°31	12°38	29°40	9°30	10°19	11° 9	9°49	9°49	n.a.	T 17
W18	19 34 47	21°44'20	3♐26	15°59	12°48	15°44	19°25	12°37	29°39	9°30	10°21	11° 6	9°46	9°56	n.a.	W18
T 19	19 38 44	22°44'24	15°34	17° 4	13°59	16° 7	19°20	12°37	29°37	9°30	10°24	11° 1	9°43	10° 2	n.a.	T 19
F 20	19 42 40	23°44'30	27°56	18° 6	15°11	16°30	19°14	12°D37	29°35	9°30	10°26	10°54	9°40	10° 9	n.a.	F 20
S 21	19 46 37	24°44'38	10♑35	19° 5	16°23	16°53	19° 9	12°37	29°33	9°30	10°28	10°44	9°36	10°15	n.a.	S 21
S 22	19 50 33	25°44'48	23°30	20° 1	17°35	17°15	19° 4	12°38	29°31	9°30	10°30	10°32	9°33	10°22	n.a.	S 22
M23	19 54 30	26°45'01	6♒42	20°53	18°47	17°37	18°59	12°38	29°29	9°29	10°33	10°19	9°30	10°29	n.a.	M23
T 24	19 58 26	27°45'15	20° 8	21°42	19°59	17°59	18°55	12°38	29°27	9°29	10°35	10° 6	9°27	10°35	n.a.	T 24
W25	20 2 23	28°45'31	3♓45	22°27	21°11	18°20	18°50	12°39	29°25	9°29	10°37	9°55	9°24	10°42	n.a.	W25
T 26	20 6 20	29°45'49	17°32	23° 7	22°23	18°41	18°46	12°39	29°23	9°28	10°39	9°47	9°21	10°49	n.a.	T 26
F 27	20 10 16	0♌46'10	1♈25	23°42	23°36	19° 1	18°42	12°40	29°21	9°28	10°42	9°42	9°17	10°55	n.a.	F 27
S 28	20 14 13	1°46'33	15°23	24°11	24°49	19°21	18°38	12°41	29°19	9°28	10°44	9°39	9°14	11° 2	n.a.	S 28
S 29	20 18 9	2°46'58	29°25	24°34	26° 1	19°40	18°34	12°42	29°16	9°27	10°46	9°39	9°11	11° 9	n.a.	S 29
M30	20 22 6	3°47'26	13♉30	24°51	27°14	19°59	18°30	12°43	29°14	9°27	10°48	9°39	9° 8	11°15	n.a.	M30
T 31	20 26 2	4♌47'56	27♉38	25♌ 0	28♊27	20♈18	18♐27	12♏44	29♒12	9♈26	10♋50	9♉38	9♉ 5	11♏22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	24n 1	5n35	2s 4	21n52	0s 6	17n36	1s27	2n11	1s18	25s17	1s28	15s36	0n35	12s34	0s52	2n 4	1s56	39n42	16n 0	15n57		15n27		14s22			n.a.
M 2	23 59	12 1	0 50	21 29	0 13	17 58	1 23	2 23	1 18	25 17	1 28	15 36	0 35	12 35	0 52	2 5	1 56	39 41	16 0	15 57		15 26		14 25			n.a.
T 3	23 56	17 54	0n27	21 5	0 21	18 19	1 19	2 35	1 17	25 16	1 28	15 35	0 35	12 35	0 52	2 5	1 56	39 41	16 0	15 57		15 25		14 28			n.a.
W 4	23 53	22 47	1 43	20 41	0 28	18 39	1 16	2 47	1 17	25 16	1 28	15 35	0 34	12 36	0 52	2 5	1 56	39 41	16 0	15 56		15 24		14 31			n.a.
T 5	23 49	26 15	2 52	20 16	0 36	18 59	1 12	2 58	1 16	25 15	1 28	15 35	0 34	12 36	0 52	2 5	1 56	39 41	16 0	15 55		15 22		14 34			n.a.
F 6	23 45	27 57	3 50	19 50	0 43	19 19	1 8	3 10	1 15	25 15	1 28	15 34	0 34	12 37	0 52	2 5	1 56	39 41	16 0	15 53		15 21		14 37			n.a.
S 7	23 40	27 43	4 32	19 24	0 51	19 38	1 4	3 22	1 15	25 14	1 28	15 34	0 34	12 37	0 52	2 5	1 56	39 41	16 0	15 50		15 20		14 40			n.a.
S 8	23 35	25 42	4 57	18 57	0 58	19 57	1 0	3 33	1 14	25 14	1 28	15 34	0 34	12 38	0 52	2 5	1 57	39 40	16 0	15 47		15 19		14 43			n.a.
M 9	23 29	22 13	5 4	18 30	1 6	20 16	0 56	3 44	1 14	25 13	1 28	15 34	0 34	12 38	0 52	2 5	1 57	39 40	16 0	15 44		15 18		14 46			n.a.
T 10	23 23	17 41	4 54	18 3	1 13	20 33	0 53	3 55	1 13	25 13	1 28	15 33	0 34	12 39	0 52	2 5	1 57	39 40	16 0	15 41		15 17		14 49			n.a.
W11	23 16	12 27	4 29	17 35	1 21	20 51	0 49	4 6	1 12	25 12	1 28	15 33	0 33	12 40	0 52	2 5	1 57	39 40	16 0	15 39		15 16		14 52			n.a.
T 12	23 9	6 52	3 52	17 8	1 29	21 7	0 45	4 17	1 12	25 12	1 28	15 33	0 33	12 40	0 52	2 5	1 57	39 40	16 0	15 37		15 15		14 55			n.a.
F 13	23 2	1 10	3 4	16 40	1 36	21 24	0 41	4 28	1 11	25 11	1 28	15 33	0 33	12 41	0 52	2 5	1 57	39 40	16 0	15 36		15 14		14 58			n.a.
S 14	22 54	4s29	2 10	16 12	1 43	21 39	0 37	4 39	1 10	25 10	1 28	15 33	0 33	12 41	0 52	2 5	1 57	39 40	16 0	15 36		15 13		15 1			n.a.
S 15	22 46	9 55	1 10	15 45	1 51	21 55	0 34	4 49	1 10	25 10	1 28	15 33	0 33	12 42	0 52	2 5	1 57	39 40	16 1	15 36		15 12		15 4			n.a.
M16	22 37	15 0	0 8	15 18	1 58	22 9	0 30	4 59	1 9	25 9	1 28	15 33	0 33	12 43	0 52	2 5	1 57	39 39	16 1	15 36		15 11		15 7			n.a.
T 17	22 28	19 32	0s55	14 51	2 5	22 23	0 26	5 10	1 8	25 9	1 28	15 33	0 33	12 43	0 52	2 5	1 57	39 39	16 1	15 36		15 10		15 10			n.a.
W18	22 18	23 19	1 56	14 24	2 12	22 36	0 22	5 20	1 7	25 8	1 28	15 33	0 32	12 44	0 53	2 5	1 57	39 39	16 1	15 35		15 9		15 13			n.a.
T 19	22 8	26 9	2 52	13 58	2 19	22 49	0 19	5 30	1 7	25 8	1 28	15 33	0 32	12 45	0 53	2 5	1 57	39 39	16 1	15 33		15 8		15 16			n.a.
F 20	21 58	27 47	3 41	13 33	2 25	23 1	0 15	5 39	1 6	25 7	1 28	15 33	0 32	12 45	0 53	2 5	1 57	39 39	16 1	15 31		15 7		15 19			n.a.
S 21	21 47	28 1	4 21	13 8	2 31	23 13	0 11	5 49	1 5	25 7	1 28	15 33	0 32	12 46	0 53	2 5	1 57	39 39	16 1	15 28		15 6		15 22			n.a.
S 22	21 36	26 43	4 48	12 45	2 37	23 23	0 8	5 59	1 4	25 6	1 27	15 34	0 32	12 47	0 53	2 4	1 57	39 39	16 2	15 24		15 5		15 25			n.a.
M23	21 24	23 57	5 0	12 23	2 43	23 34	0 4	6 8	1 3	25 6	1 27	15 34	0 32	12 48	0 53	2 4	1 57	39 39	16 2	15 20		15 4		15 28			n.a.
T 24	21 12	19 51	4 56	12 2	2 48	23 43	0 1	6 17	1 3	25 5	1 27	15 34	0 31	12 48	0 53	2 4	1 57	39 39	16 2	15 16		15 3		15 31			n.a.
W25	20 59	14 40	4 35	11 43	2 52	23 52	0n 3	6 26	1 2	25 5	1 27	15 34	0 31	12 49	0 53	2 4	1 58	39 39	16 2	15 12		15 2		15 34			n.a.
T 26	20 46	8 42	3 59	11 26	2 56	24 0	0 6	6 35	1 1	25 4	1 27	15 35	0 31	12 50	0 53	2 4	1 58	39 39	16 2	15 10		15 1		15 37			n.a.
F 27	20 33	2 16	3 7	11 11	2 59	24 7	0 10	6 44	1 0	25 4	1 27	15 35	0 31	12 51	0 53	2 4	1 58	39 39	16 3	15 8		15 0		15 40			n.a.
S 28	20 19	4n19	2 4	10 59	3 2	24 14	0 13	6 52	0 59	25 4	1 27	15 36	0 31	12 51	0 53	2 3	1 58	39 39	16 3	15 7		14 59		15 43			n.a.
S 29	20 5	10 45	0 54	10 49	3 4	24 20	0 16	7 1	0 58	25 3	1 27	15 36	0 31	12 52	0 53	2 3	1 58	39 39	16 3	15 7		14 58		15 46			n.a.
M30	19 51	16 40	0n20	10 43	3 4	24 25	0 20	7 9	0 57	25 3	1 27	15 36	0 31	12 53	0 53	2 3	1 58	39 39	16 3	15 7		14 57		15 49			n.a.
T 31	19n36	21n42	1n34	10n41	3s 4	24n29	0n23	7n17	0s56	25s 2	1s27	15s37	0n30	12s54	0s53	2n 3	1s58	39n39	16n 3	15n 6		14n56		15s52			n.a.

Julian Day Number = 189411.5, Delta T = 32h30m51s
Ecliptic obliquity = 24°07'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'43, Lahiri = -61°34'43 Julian Calendar 1 Aug. 4195 BCE == Greg. Calendar 29 June 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

SEPTEMBER 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 29 59	5♌48'28	11♊47	25°R 1	29♊40	20♈36	18°R24	12♏45	29°R10	9°R26	10♋52	9°R35	9♉ 1	11♏29	n.a.	W 1
T 2	20 33 55	6°49'02	25°55	24♌53	0♋53	20°54	18♐21	12°46	29♒ 8	9♈25	10°55	9♉30	8°58	11°35	n.a.	T 2
F 3	20 37 52	7°49'38	9♋59	24°36	2° 6	21°11	18°18	12°48	29° 5	9°24	10°57	9°21	8°55	11°42	n.a.	F 3
S 4	20 41 48	8°50'16	23°55	24° 9	3°19	21°27	18°15	12°49	29° 3	9°24	10°59	9°10	8°52	11°49	n.a.	S 4
S 5	20 45 45	9°50'56	7♌39	23°32	4°33	21°43	18°13	12°51	29° 1	9°23	11° 1	8°57	8°49	11°55	n.a.	S 5
M 6	20 49 41	10°51'38	21° 7	22°46	5°46	21°59	18°11	12°53	28°58	9°22	11° 3	8°43	8°46	12° 2	n.a.	M 6
T 7	20 53 38	11°52'22	4♍17	21°50	7° 0	22°14	18° 9	12°55	28°56	9°22	11° 5	8°31	8°42	12° 8	n.a.	T 7
W 8	20 57 35	12°53'07	17° 6	20°46	8°13	22°29	18° 7	12°57	28°53	9°21	11° 7	8°20	8°39	12°15	n.a.	W 8
T 9	21 1 31	13°53'53	29°36	19°35	9°27	22°42	18° 5	12°59	28°51	9°20	11° 9	8°13	8°36	12°22	n.a.	T 9
F 10	21 5 28	14°54'41	11♎49	18°18	10°40	22°56	18° 4	13° 1	28°49	9°19	11°11	8° 8	8°33	12°28	n.a.	F 10
S 11	21 9 24	15°55'31	23°49	16°58	11°54	23° 9	18° 3	13° 3	28°46	9°19	11°13	8° 5	8°30	12°35	n.a.	S 11
S 12	21 13 21	16°56'22	5♏40	15°38	13° 8	23°21	18° 2	13° 5	28°44	9°18	11°15	8°D 4	8°27	12°42	n.a.	S 12
M13	21 17 17	17°57'14	17°27	14°19	14°22	23°32	18° 1	13° 8	28°41	9°17	11°17	8°R 4	8°23	12°48	n.a.	M13
T 14	21 21 14	18°58'07	29°17	13° 5	15°36	23°43	18° 1	13°10	28°39	9°16	11°19	8° 4	8°20	12°55	n.a.	T 14
W15	21 25 10	19°59'02	11♐14	11°58	16°50	23°54	18° 0	13°13	28°36	9°15	11°21	8° 2	8°17	13° 2	n.a.	W15
T 16	21 29 7	20°59'58	23°24	11° 0	18° 4	24° 3	18°D 0	13°16	28°34	9°14	11°23	7°58	8°14	13° 8	n.a.	T 16
F 17	21 33 3	22° 0'55	5♑51	10°12	19°18	24°12	18° 0	13°19	28°31	9°13	11°25	7°51	8°11	13°15	n.a.	F 17
S 18	21 37 0	23° 1'54	18°39	9°36	20°32	24°21	18° 0	13°22	28°29	9°12	11°27	7°42	8° 7	13°22	n.a.	S 18
S 19	21 40 57	24° 2'53	1♒49	9°11	21°47	24°29	18° 1	13°25	28°26	9°11	11°29	7°30	8° 4	13°28	n.a.	S 19
M20	21 44 53	25° 3'54	15°20	8°58	23° 1	24°36	18° 2	13°28	28°24	9°10	11°30	7°18	8° 1	13°35	n.a.	M20
T 21	21 48 50	26° 4'56	29° 9	8°D56	24°15	24°42	18° 2	13°31	28°21	9° 8	11°32	7° 6	7°58	13°42	n.a.	T 21
W22	21 52 46	27° 5'59	13♓14	9° 5	25°30	24°48	18° 4	13°34	28°19	9° 7	11°34	6°55	7°55	13°48	n.a.	W22
T 23	21 56 43	28° 7'04	27°28	9°24	26°44	24°53	18° 5	13°38	28°16	9° 6	11°36	6°47	7°52	13°55	n.a.	T 23
F 24	22 0 39	29° 8'10	11♈47	9°52	27°59	24°57	18° 6	13°41	28°14	9° 5	11°37	6°42	7°48	14° 1	n.a.	F 24
S 25	22 4 36	0♍ 9'17	26° 5	10°28	29°13	25° 0	18° 8	13°45	28°11	9° 4	11°39	6°40	7°45	14° 8	n.a.	S 25
S 26	22 8 32	1°10'26	10♉20	11°12	0♌28	25° 3	18°10	13°49	28° 9	9° 2	11°41	6°D39	7°42	14°15	n.a.	S 26
M27	22 12 29	2°11'36	24°29	12° 2	1°42	25° 5	18°12	13°52	28° 6	9° 1	11°42	6°40	7°39	14°21	n.a.	M27
T 28	22 16 26	3°12'47	8♊32	12°58	2°57	25° 6	18°14	13°56	28° 4	9° 0	11°44	6°R40	7°36	14°28	n.a.	T 28
W29	22 20 22	4°14'00	22°28	13°59	4°12	25°R 7	18°17	14° 0	28° 1	8°59	11°46	6°38	7°33	14°35	n.a.	W29
T 30	22 24 19	5♍15'15	6♋15	15♌ 4	5♌27	25♈ 6	18♐19	14♏ 4	27♒59	8♈57	11♋47	6♉34	7♉29	14♏41	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n21	25n30	2n41	10n42	3s 2	24n33	0n26	7n25	0s55	25s 2	1s26	15s37	0n30	12s55	0s53	2n 2	1s58	39n39	16n 4	15n 6	14n55	15s55		n.a.
T 2	19 6	27 41	3 38	10 48	2 59	24 36	0 29	7 33	0 54	25 1	1 26	15 38	0 30	12 56	0 53	2 2	1 58	39 39	16 4	15 4	14 54	15 58		n.a.
F 3	18 50	28 5	4 22	10 58	2 54	24 38	0 32	7 40	0 53	25 1	1 26	15 39	0 30	12 56	0 53	2 2	1 58	39 39	16 4	15 1	14 52	16 1		n.a.
S 4	18 33	26 41	4 49	11 13	2 48	24 40	0 35	7 48	0 52	25 1	1 26	15 39	0 30	12 57	0 53	2 2	1 58	39 39	16 5	14 57	14 51	16 4		n.a.
S 5	18 17	23 41	5 0	11 33	2 40	24 40	0 38	7 55	0 51	25 0	1 26	15 40	0 30	12 58	0 53	2 1	1 58	39 39	16 5	14 53	14 50	16 6		n.a.
M 6	18 0	19 28	4 53	11 58	2 30	24 40	0 41	8 2	0 50	25 0	1 26	15 40	0 30	12 59	0 53	2 1	1 58	39 40	16 5	14 49	14 49	16 9		n.a.
T 7	17 43	14 24	4 31	12 28	2 18	24 39	0 44	8 9	0 49	25 0	1 26	15 41	0 29	13 0	0 53	2 1	1 58	39 40	16 5	14 44	14 48	16 12		n.a.
W 8	17 25	8 49	3 55	13 2	2 3	24 38	0 47	8 15	0 48	24 59	1 26	15 42	0 29	13 1	0 53	2 0	1 58	39 40	16 6	14 41	14 47	16 15		n.a.
T 9	17 7	3 2	3 8	13 40	1 48	24 35	0 49	8 21	0 47	24 59	1 25	15 43	0 29	13 2	0 53	2 0	1 58	39 40	16 6	14 38	14 46	16 18		n.a.
F 10	16 49	2s45	2 14	14 21	1 30	24 32	0 52	8 28	0 45	24 59	1 25	15 44	0 29	13 2	0 53	1 59	1 58	39 40	16 6	14 37	14 45	16 21		n.a.
S 11	16 31	8 21	1 15	15 4	1 11	24 28	0 55	8 34	0 44	24 59	1 25	15 44	0 29	13 3	0 53	1 59	1 58	39 40	16 7	14 36	14 44	16 24		n.a.
S 12	16 12	13 35	0 13	15 47	0 51	24 24	0 57	8 39	0 43	24 58	1 25	15 45	0 29	13 4	0 53	1 59	1 58	39 40	16 7	14 36	14 43	16 27		n.a.
M13	15 53	18 19	0s50	16 30	0 31	24 18	1 0	8 45	0 42	24 58	1 25	15 46	0 29	13 5	0 53	1 58	1 59	39 40	16 7	14 36	14 42	16 30		n.a.
T 14	15 33	22 21	1 50	17 12	0 11	24 12	1 2	8 50	0 40	24 58	1 25	15 47	0 29	13 6	0 53	1 58	1 59	39 41	16 8	14 36	14 41	16 33		n.a.
W15	15 14	25 30	2 46	17 50	0n 9	24 5	1 4	8 55	0 39	24 58	1 25	15 48	0 28	13 7	0 53	1 57	1 59	39 41	16 8	14 35	14 40	16 36		n.a.
T 16	14 54	27 32	3 36	18 25	0 29	23 57	1 7	9 0	0 38	24 58	1 24	15 49	0 28	13 8	0 53	1 57	1 59	39 41	16 8	14 34	14 39	16 39		n.a.
F 17	14 34	28 15	4 16	18 56	0 46	23 49	1 9	9 5	0 36	24 57	1 24	15 50	0 28	13 9	0 53	1 56	1 59	39 41	16 9	14 31	14 38	16 42		n.a.
S 18	14 13	27 29	4 45	19 22	1 3	23 40	1 11	9 9	0 35	24 57	1 24	15 51	0 28	13 10	0 53	1 56	1 59	39 41	16 9	14 28	14 37	16 44		n.a.
S 19	13 53	25 11	5 0	19 43	1 18	23 30	1 13	9 14	0 34	24 57	1 24	15 52	0 28	13 10	0 53	1 56	1 59	39 41	16 10	14 24	14 36	16 47		n.a.
M20	13 32	21 26	4 58	19 59	1 31	23 19	1 15	9 18	0 32	24 57	1 24	15 53	0 28	13 11	0 53	1 55	1 59	39 42	16 10	14 20	14 35	16 50		n.a.
T 21	13 11	16 26	4 40	20 11	1 43	23 8	1 17	9 22	0 31	24 57	1 24	15 54	0 28	13 12	0 53	1 55	1 59	39 42	16 10	14 16	14 34	16 53		n.a.
W22	12 49	10 30	4 4	20 18	1 52	22 56	1 18	9 25	0 29	24 57	1 23	15 55	0 27	13 13	0 53	1 54	1 59	39 42	16 11	14 13	14 33	16 56		n.a.
T 23	12 28	3 58	3 12	20 20	2 1	22 43	1 20	9 28	0 28	24 57	1 23	15 57	0 27	13 14	0 53	1 54	1 59	39 42	16 11	14 10	14 31	16 59		n.a.
F 24	12 6	2n50	2 8	20 19	2 7	22 29	1 22	9 31	0 26	24 57	1 23	15 58	0 27	13 15	0 53	1 53	1 59	39 43	16 12	14 8	14 30	17 2		n.a.
S 25	11 44	9 29	0 56	20 14	2 12	22 15	1 23	9 34	0 24	24 57	1 23	15 59	0 27	13 16	0 53	1 53	1 59	39 43	16 12	14 7	14 29	17 5		n.a.
S 26	11 22	15 39	0n20	20 5	2 16	22 0	1 25	9 37	0 23	24 57	1 23	16 0	0 27	13 17	0 53	1 52	1 59	39 43	16 12	14 7	14 28	17 8		n.a.
M27	10 59	20 56	1 34	19 53	2 19	21 45	1 26	9 39	0 21	24 57	1 23	16 2	0 27	13 18	0 53	1 51	1 59	39 43	16 13	14 7	14 27	17 10		n.a.
T 28	10 37	25 0	2 41	19 39	2 21	21 28	1 28	9 41	0 19	24 57	1 22	16 3	0 27	13 18	0 53	1 51	1 59	39 44	16 13	14 7	14 26	17 13		n.a.
W29	10 14	27 32	3 39	19 21	2 22	21 11	1 29	9 43	0 18	24 57	1 22	16 4	0 27	13 19	0 53	1 50	1 59	39 44	16 14	14 7	14 25	17 16		n.a.
T 30	9n51	28n21	4n23	19n 1	2n21	20n54	1n30	9n44	0s16	24s57	1s22	16s 6	0n26	13s20	0s53	1n50	1s59	39n44	16n14	14n 6	14n24	17s19		n.a.

Julian Day Number = 189442.5, Delta T = 32h30m47s
Ecliptic obliquity = 24°07'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'39, Lahiri = -61°34'39 Julian Calendar 1 Sept. 4195 BCE == Greg. Calendar 30 July 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

OCTOBER 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 28 15	6♍16'30	19♋54	16♌13	6♌41	25°R 5	18♐22	14♏ 8	27°R56	8°R56	11♋49	6°R28	7♉26	14♏48	n.a.	F 1
S 2	22 32 12	7°17'47	3♌24	17°26	7°56	25♈ 3	18°25	14°13	27♒54	8♈54	11°50	6♉19	7°23	14°55	n.a.	S 2
S 3	22 36 8	8°19'04	16°42	18°41	9°11	25° 0	18°29	14°17	27°51	8°53	11°52	6° 9	7°20	15° 1	n.a.	S 3
M 4	22 40 5	9°20'22	29°48	19°58	10°26	24°57	18°32	14°21	27°49	8°52	11°53	5°58	7°17	15° 8	n.a.	M 4
T 5	22 44 1	10°21'42	12♍39	21°18	11°41	24°52	18°36	14°26	27°46	8°50	11°55	5°47	7°13	15°15	n.a.	T 5
W 6	22 47 58	11°23'01	25°15	22°39	12°56	24°47	18°40	14°30	27°44	8°49	11°56	5°39	7°10	15°21	n.a.	W 6
T 7	22 51 55	12°24'22	7♎36	24° 2	14°11	24°41	18°44	14°35	27°41	8°47	11°58	5°32	7° 7	15°28	n.a.	T 7
F 8	22 55 51	13°25'43	19°44	25°26	15°26	24°34	18°48	14°40	27°39	8°46	11°59	5°29	7° 4	15°35	n.a.	F 8
S 9	22 59 48	14°27'04	1♏41	26°52	16°41	24°26	18°53	14°44	27°37	8°44	12° 0	5°D27	7° 1	15°41	n.a.	S 9
S 10	23 3 44	15°28'26	13°31	28°18	17°56	24°17	18°57	14°49	27°34	8°43	12° 2	5°27	6°58	15°48	n.a.	S 10
M11	23 7 41	16°29'48	25°17	29°45	19°11	24° 8	19° 2	14°54	27°32	8°41	12° 3	5°28	6°54	15°54	n.a.	M11
T 12	23 11 37	17°31'11	7♐ 6	1♍13	20°26	23°58	19° 7	14°59	27°30	8°40	12° 4	5°30	6°51	16° 1	n.a.	T 12
W13	23 15 34	18°32'34	19° 2	2°42	21°42	23°47	19°12	15° 4	27°27	8°38	12° 5	5°R30	6°48	16° 8	n.a.	W13
T 14	23 19 31	19°33'57	1♑10	4°11	22°57	23°35	19°18	15° 9	27°25	8°36	12° 6	5°29	6°45	16°14	n.a.	T 14
F 15	23 23 27	20°35'20	13°36	5°40	24°12	23°22	19°23	15°15	27°23	8°35	12° 8	5°27	6°42	16°21	n.a.	F 15
S 16	23 27 24	21°36'43	26°24	7°10	25°27	23° 9	19°29	15°20	27°20	8°33	12° 9	5°22	6°39	16°28	n.a.	S 16
S 17	23 31 20	22°38'06	9♒36	8°40	26°42	22°54	19°35	15°25	27°18	8°32	12°10	5°16	6°35	16°34	n.a.	S 17
M18	23 35 17	23°39'29	23°15	10°11	27°57	22°39	19°41	15°31	27°16	8°30	12°11	5° 9	6°32	16°41	n.a.	M18
T 19	23 39 13	24°40'52	7♓18	11°42	29°13	22°23	19°47	15°36	27°14	8°28	12°12	5° 2	6°29	16°48	n.a.	T 19
W20	23 43 10	25°42'15	21°42	13°13	0♍28	22° 7	19°53	15°42	27°12	8°27	12°13	4°55	6°26	16°54	n.a.	W20
T 21	23 47 7	26°43'38	6♈20	14°45	1°43	21°50	20° 0	15°47	27°10	8°25	12°14	4°51	6°23	17° 1	n.a.	T 21
F 22	23 51 3	27°45'01	21° 6	16°17	2°58	21°32	20° 7	15°53	27° 8	8°23	12°15	4°48	6°19	17° 8	n.a.	F 22
S 23	23 55 0	28°46'24	5♉52	17°49	4°13	21°13	20°14	15°59	27° 6	8°22	12°16	4°D48	6°16	17°14	n.a.	S 23
S 24	23 58 56	29°47'48	20°32	19°21	5°29	20°54	20°21	16° 5	27° 3	8°20	12°16	4°48	6°13	17°21	n.a.	S 24
M25	0 2 53	0♎49'11	5♊ 0	20°54	6°44	20°34	20°28	16°10	27° 2	8°18	12°17	4°50	6°10	17°28	n.a.	M25
T 26	0 6 49	1°50'36	19°13	22°26	7°59	20°14	20°35	16°16	27° 0	8°17	12°18	4°51	6° 7	17°34	n.a.	T 26
W27	0 10 46	2°52'00	3♋11	23°59	9°14	19°53	20°43	16°22	26°58	8°15	12°19	4°R52	6° 4	17°41	n.a.	W27
T 28	0 14 43	3°53'24	16°51	25°33	10°30	19°32	20°50	16°28	26°56	8°13	12°19	4°51	6° 0	17°47	n.a.	T 28
F 29	0 18 39	4°54'48	0♌16	27° 7	11°45	19°10	20°58	16°35	26°54	8°12	12°20	4°49	5°57	17°54	n.a.	F 29
S 30	0 22 36	5°56'13	13°26	28°41	13° 0	18°48	21° 6	16°41	26°52	8°10	12°21	4°45	5°54	18° 1	n.a.	S 30
S 31	0 26 32	6♎57'37	26♌22	0♎15	14♍16	18♈25	21♐14	16♏47	26♒50	8♈ 8	12♋21	4♉41	5♉51	18♏ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n28	27n24	4n52	18n39	2n20	20n36	1n31	9n46	0s14	24s57	1s22	16s 7	0n26	13s21	0s53	1n49	1s59	39n45	16n15	14n 3	14n23	17s22		n.a.
S 2	9 4	24 51	5 4	18 15	2 19	20 17	1 32	9 47	0 12	24 57	1 22	16 8	0 26	13 22	0 53	1 49	1 59	39 45	16 15	14 0	14 22	17 25		n.a.
S 3	8 41	21 0	4 59	17 48	2 17	19 58	1 33	9 47	0 10	24 57	1 22	16 10	0 26	13 23	0 53	1 48	1 59	39 45	16 16	13 57	14 21	17 28		n.a.
M 4	8 17	16 11	4 39	17 21	2 14	19 38	1 34	9 48	0 9	24 58	1 21	16 11	0 26	13 24	0 53	1 47	1 59	39 45	16 16	13 53	14 20	17 30		n.a.
T 5	7 54	10 45	4 4	16 51	2 10	19 17	1 35	9 48	0 7	24 58	1 21	16 13	0 26	13 25	0 53	1 47	1 59	39 46	16 17	13 50	14 19	17 33		n.a.
W 6	7 30	4 58	3 18	16 20	2 7	18 56	1 36	9 47	0 5	24 58	1 21	16 14	0 26	13 25	0 53	1 46	1 59	39 46	16 17	13 47	14 18	17 36		n.a.
T 7	7 6	0s54	2 24	15 48	2 2	18 34	1 36	9 47	0 3	24 58	1 21	16 16	0 26	13 26	0 53	1 46	1 59	39 47	16 18	13 44	14 17	17 39		n.a.
F 8	6 42	6 39	1 24	15 15	1 58	18 12	1 37	9 46	0 1	24 58	1 21	16 17	0 25	13 27	0 53	1 45	1 59	39 47	16 18	13 43	14 15	17 42		n.a.
S 9	6 17	12 5	0 20	14 40	1 53	17 49	1 37	9 45	0n 1	24 59	1 21	16 19	0 25	13 28	0 53	1 44	1 59	39 47	16 19	13 43	14 14	17 45		n.a.
S 10	5 53	17 2	0s43	14 5	1 48	17 26	1 38	9 44	0 3	24 59	1 20	16 20	0 25	13 29	0 53	1 44	1 59	39 48	16 19	13 43	14 13	17 47		n.a.
M11	5 28	21 19	1 45	13 28	1 42	17 2	1 38	9 42	0 6	24 59	1 20	16 22	0 25	13 30	0 53	1 43	1 59	39 48	16 20	13 43	14 12	17 50		n.a.
T 12	5 4	24 47	2 43	12 51	1 37	16 38	1 38	9 40	0 8	24 59	1 20	16 24	0 25	13 30	0 53	1 42	1 59	39 48	16 20	13 44	14 11	17 53		n.a.
W13	4 39	27 12	3 34	12 13	1 31	16 13	1 38	9 38	0 10	25 0	1 20	16 25	0 25	13 31	0 53	1 42	2 0	39 49	16 21	13 44	14 10	17 56		n.a.
T 14	4 15	28 23	4 16	11 34	1 25	15 48	1 39	9 36	0 12	25 0	1 20	16 27	0 25	13 32	0 53	1 41	2 0	39 49	16 21	13 43	14 9	17 59		n.a.
F 15	3 50	28 10	4 47	10 55	1 19	15 22	1 39	9 33	0 14	25 0	1 20	16 29	0 25	13 33	0 53	1 40	2 0	39 50	16 22	13 42	14 8	18 1		n.a.
S 16	3 25	26 28	5 6	10 15	1 13	14 56	1 39	9 30	0 16	25 0	1 19	16 30	0 24	13 34	0 53	1 40	2 0	39 50	16 22	13 41	14 7	18 4		n.a.
S 17	3 0	23 17	5 8	9 34	1 6	14 30	1 38	9 26	0 19	25 1	1 19	16 32	0 24	13 34	0 53	1 39	2 0	39 50	16 23	13 39	14 6	18 7		n.a.
M18	2 35	18 46	4 54	8 53	1 0	14 3	1 38	9 23	0 21	25 1	1 19	16 34	0 24	13 35	0 53	1 38	2 0	39 51	16 23	13 36	14 5	18 10		n.a.
T 19	2 10	13 6	4 22	8 12	0 53	13 36	1 38	9 19	0 23	25 1	1 19	16 36	0 24	13 36	0 53	1 38	2 0	39 51	16 24	13 34	14 4	18 13		n.a.
W20	1 45	6 37	3 33	7 30	0 47	13 8	1 38	9 15	0 26	25 2	1 19	16 37	0 24	13 37	0 53	1 37	2 0	39 52	16 25	13 32	14 3	18 15		n.a.
T 21	1 20	0n19	2 29	6 47	0 40	12 40	1 37	9 10	0 28	25 2	1 19	16 39	0 24	13 37	0 53	1 36	2 0	39 52	16 25	13 30	14 2	18 18		n.a.
F 22	0 55	7 19	1 14	6 5	0 34	12 12	1 37	9 5	0 30	25 3	1 19	16 41	0 24	13 38	0 52	1 36	2 0	39 53	16 26	13 29	14 0	18 21		n.a.
S 23	0 30	13 57	0n 6	5 22	0 27	11 43	1 36	9 0	0 33	25 3	1 18	16 43	0 24	13 39	0 52	1 35	2 0	39 53	16 26	13 29	13 59	18 24		n.a.
S 24	0 5	19 45	1 25	4 39	0 21	11 14	1 35	8 55	0 35	25 3	1 18	16 45	0 24	13 39	0 52	1 34	2 0	39 54	16 27	13 29	13 58	18 27		n.a.
M25	0s20	24 19	2 38	3 55	0 14	10 45	1 35	8 50	0 37	25 4	1 18	16 46	0 23	13 40	0 52	1 34	2 0	39 54	16 27	13 30	13 57	18 29		n.a.
T 26	0 45	27 18	3 39	3 12	0 7	10 15	1 34	8 44	0 40	25 4	1 18	16 48	0 23	13 41	0 52	1 33	2 0	39 55	16 28	13 30	13 56	18 32		n.a.
W27	1 10	28 31	4 27	2 28	0 1	9 46	1 33	8 38	0 42	25 5	1 18	16 50	0 23	13 41	0 52	1 32	2 0	39 55	16 28	13 30	13 55	18 35		n.a.
T 28	1 35	27 56	4 58	1 44	0s 6	9 15	1 32	8 32	0 44	25 5	1 18	16 52	0 23	13 42	0 52	1 32	2 0	39 55	16 29	13 30	13 54	18 38		n.a.
F 29	2 0	25 44	5 12	1 0	0 12	8 45	1 31	8 26	0 47	25 5	1 17	16 54	0 23	13 43	0 52	1 31	2 0	39 56	16 30	13 29	13 53	18 40		n.a.
S 30	2 25	22 11	5 9	0 16	0 18	8 14	1 30	8 19	0 49	25 6	1 17	16 56	0 23	13 43	0 52	1 30	2 0	39 56	16 30	13 28	13 52	18 43		n.a.
S 31	2s50	17n37	4n51	0s29	0s25	7n44	1n29	8n12	0n52	25s 6	1s17	16s58	0n23	13s44	0s52	1n30	2s 0	39n57	16n31	13n27	13n51	18s46		n.a.

Julian Day Number = 189472.5, Delta T = 32h30m44s
Ecliptic obliquity = 24°07'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'35, Lahiri = -61°34'35 Julian Calendar 1 Oct. 4195 BCE == Greg. Calendar 29 Aug. 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

NOVEMBER 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 30 29	7♎59'01	9♍ 4	1♎49	15♍31	18°R 2	21♐23	16♏53	26°R49	8°R 6	12♋22	4°R36	5♉48	18♏14	n.a.	M 1
T 2	0 34 25	9° 0'24	21°34	3°24	16°46	17♈38	21°31	17° 0	26♒47	8♈ 5	12°23	4♉31	5°44	18°21	n.a.	T 2
W 3	0 38 22	10° 1'47	3♎53	5° 0	18° 1	17°15	21°40	17° 6	26°45	8° 3	12°23	4°28	5°41	18°27	n.a.	W 3
T 4	0 42 19	11° 3'10	16° 2	6°35	19°17	16°51	21°48	17°12	26°44	8° 1	12°24	4°25	5°38	18°34	n.a.	T 4
F 5	0 46 15	12° 4'32	28° 2	8°11	20°32	16°27	21°57	17°19	26°42	8° 0	12°24	4°24	5°35	18°41	n.a.	F 5
S 6	0 50 12	13° 5'54	9♏54	9°48	21°47	16° 3	22° 6	17°25	26°40	7°58	12°24	4°D24	5°32	18°47	n.a.	S 6
S 7	0 54 8	14° 7'15	21°43	11°24	23° 2	15°39	22°15	17°32	26°39	7°56	12°25	4°25	5°29	18°54	n.a.	S 7
M 8	0 58 5	15° 8'35	3♐29	13° 2	24°18	15°14	22°25	17°38	26°38	7°54	12°25	4°26	5°25	19° 1	n.a.	M 8
T 9	1 2 1	16° 9'54	15°18	14°39	25°33	14°50	22°34	17°45	26°36	7°53	12°25	4°28	5°22	19° 7	n.a.	T 9
W10	1 5 58	17°11'12	27°13	16°18	26°48	14°26	22°43	17°52	26°35	7°51	12°26	4°29	5°19	19°14	n.a.	W10
T 11	1 9 55	18°12'29	9♑19	17°56	28° 3	14° 2	22°53	17°59	26°33	7°49	12°26	4°30	5°16	19°21	n.a.	T 11
F 12	1 13 51	19°13'46	21°41	19°35	29°18	13°38	23° 3	18° 5	26°32	7°48	12°26	4°R30	5°13	19°27	n.a.	F 12
S 13	1 17 48	20°15'01	4♒23	21°15	0♎33	13°15	23°13	18°12	26°31	7°46	12°26	4°30	5°10	19°34	n.a.	S 13
S 14	1 21 44	21°16'14	17°30	22°55	1°49	12°52	23°23	18°19	26°30	7°44	12°26	4°29	5° 6	19°41	n.a.	S 14
M15	1 25 41	22°17'27	1♓ 3	24°35	3° 4	12°29	23°33	18°26	26°29	7°43	12°26	4°27	5° 3	19°47	n.a.	M15
T 16	1 29 38	23°18'38	15° 4	26°16	4°19	12° 6	23°43	18°33	26°28	7°41	12°26	4°26	5° 0	19°54	n.a.	T 16
W17	1 33 34	24°19'48	29°30	27°58	5°34	11°44	23°53	18°40	26°27	7°40	12°R26	4°24	4°57	20° 0	n.a.	W17
T 18	1 37 31	25°20'56	14♈19	29°40	6°49	11°22	24° 4	18°47	26°26	7°38	12°26	4°24	4°54	20° 7	n.a.	T 18
F 19	1 41 27	26°22'04	29°21	1♏23	8° 4	11° 1	24°14	18°54	26°25	7°36	12°26	4°D23	4°50	20°14	n.a.	F 19
S 20	1 45 24	27°23'11	14♉29	3° 6	9°19	10°40	24°25	19° 1	26°24	7°35	12°26	4°23	4°47	20°20	n.a.	S 20
S 21	1 49 20	28°24'16	29°34	4°49	10°34	10°20	24°36	19° 8	26°23	7°33	12°26	4°24	4°44	20°27	n.a.	S 21
M22	1 53 17	29°25'21	14♊26	6°33	11°49	10° 0	24°47	19°15	26°22	7°32	12°26	4°24	4°41	20°34	n.a.	M22
T 23	1 57 14	0♏26'24	29° 0	8°17	13° 4	9°41	24°58	19°22	26°21	7°30	12°26	4°25	4°38	20°40	n.a.	T 23
W24	2 1 10	1°27'27	13♋11	10° 1	14°19	9°23	25° 9	19°29	26°21	7°28	12°26	4°25	4°35	20°47	n.a.	W24
T 25	2 5 7	2°28'28	26°59	11°46	15°35	9° 5	25°20	19°36	26°20	7°27	12°25	4°25	4°31	20°54	n.a.	T 25
F 26	2 9 3	3°29'29	10♌23	13°31	16°50	8°48	25°31	19°44	26°19	7°25	12°25	4°R25	4°28	21° 0	n.a.	F 26
S 27	2 13 0	4°30'28	23°25	15°15	18° 5	8°31	25°43	19°51	26°19	7°24	12°25	4°D25	4°25	21° 7	n.a.	S 27
S 28	2 16 56	5°31'26	6♍ 8	16°59	19°19	8°15	25°54	19°58	26°18	7°23	12°24	4°25	4°22	21°14	n.a.	S 28
M29	2 20 53	6°32'23	18°35	18°43	20°34	8° 0	26° 6	20° 5	26°18	7°21	12°24	4°25	4°19	21°20	n.a.	M29
T 30	2 24 50	7♏33'18	0♎50	20♏27	21♎49	7♈46	26♐17	20♏13	26♒18	7♈20	12♋24	4♉26	4♉16	21♏27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s15	12n22	4n19	1s13	0s31	7n13	1n28	8n 6	0n54	25s 7	1s17	17s 0	0n23	13s44	0s52	1n29	2s 0	39n58	16n31	13n25	13n50	18s49		n.a.
T 2	3 40	6 42	3 34	1 57	0 37	6 41	1 27	7 59	0 56	25 7	1 17	17 2	0 23	13 45	0 52	1 28	2 0	39 58	16 32	13 23	13 49	18 51		n.a.
W 3	4 5	0 51	2 40	2 41	0 43	6 10	1 25	7 51	0 59	25 7	1 17	17 4	0 22	13 46	0 52	1 27	2 0	39 59	16 33	13 22	13 47	18 54		n.a.
T 4	4 30	4s57	1 39	3 26	0 49	5 39	1 24	7 44	1 1	25 8	1 17	17 6	0 22	13 46	0 52	1 27	2 0	39 59	16 33	13 21	13 46	18 57		n.a.
F 5	4 54	10 32	0 35	4 10	0 54	5 7	1 23	7 37	1 3	25 8	1 16	17 8	0 22	13 47	0 52	1 26	2 0	40 0	16 34	13 21	13 45	19 0		n.a.
S 6	5 19	15 41	0s30	4 54	1 0	4 35	1 21	7 29	1 5	25 9	1 16	17 10	0 22	13 47	0 52	1 25	2 0	40 0	16 34	13 21	13 44	19 2		n.a.
S 7	5 43	20 13	1 34	5 38	1 5	4 3	1 20	7 22	1 8	25 9	1 16	17 11	0 22	13 48	0 52	1 25	2 0	40 1	16 35	13 21	13 43	19 5		n.a.
M 8	6 8	23 58	2 34	6 22	1 11	3 31	1 18	7 14	1 10	25 10	1 16	17 14	0 22	13 48	0 52	1 24	1 59	40 1	16 35	13 22	13 42	19 8		n.a.
T 9	6 32	26 43	3 27	7 6	1 16	2 59	1 17	7 6	1 12	25 10	1 16	17 16	0 22	13 49	0 52	1 23	1 59	40 2	16 36	13 22	13 41	19 10		n.a.
W10	6 56	28 18	4 12	7 49	1 21	2 27	1 15	6 59	1 14	25 10	1 16	17 18	0 22	13 49	0 52	1 23	1 59	40 2	16 37	13 23	13 40	19 13		n.a.
T 11	7 20	28 33	4 47	8 32	1 25	1 55	1 13	6 51	1 16	25 11	1 16	17 20	0 22	13 49	0 52	1 22	1 59	40 3	16 37	13 23	13 39	19 16		n.a.
F 12	7 44	27 24	5 9	9 15	1 30	1 22	1 11	6 44	1 18	25 11	1 16	17 22	0 22	13 50	0 52	1 21	1 59	40 3	16 38	13 23	13 38	19 18		n.a.
S 13	8 8	24 49	5 17	9 58	1 34	0 50	1 10	6 36	1 20	25 12	1 15	17 24	0 21	13 50	0 52	1 21	1 59	40 4	16 38	13 23	13 37	19 21		n.a.
S 14	8 31	20 54	5 9	10 40	1 38	0 18	1 8	6 28	1 22	25 12	1 15	17 26	0 21	13 51	0 52	1 20	1 59	40 5	16 39	13 23	13 35	19 24		n.a.
M15	8 55	15 48	4 44	11 21	1 41	0s15	1 6	6 21	1 24	25 13	1 15	17 28	0 21	13 51	0 52	1 20	1 59	40 5	16 40	13 22	13 34	19 27		n.a.
T 16	9 18	9 44	4 1	12 2	1 45	0 47	1 4	6 14	1 26	25 13	1 15	17 30	0 21	13 51	0 52	1 19	1 59	40 6	16 40	13 21	13 33	19 29		n.a.
W17	9 41	2 58	3 2	12 43	1 48	1 20	1 2	6 6	1 28	25 13	1 15	17 32	0 21	13 52	0 52	1 18	1 59	40 6	16 41	13 21	13 32	19 32		n.a.
T 18	10 4	4n 8	1 49	13 23	1 50	1 52	1 0	5 59	1 30	25 14	1 15	17 34	0 21	13 52	0 52	1 18	1 59	40 7	16 41	13 21	13 31	19 35		n.a.
F 19	10 27	11 7	0 28	14 2	1 53	2 24	0 58	5 52	1 31	25 14	1 15	17 36	0 21	13 52	0 51	1 17	1 59	40 7	16 42	13 21	13 30	19 37		n.a.
S 20	10 50	17 31	0n56	14 41	1 55	2 57	0 56	5 46	1 33	25 14	1 15	17 38	0 21	13 52	0 51	1 16	1 59	40 8	16 42	13 21	13 29	19 40		n.a.
S 21	11 12	22 50	2 15	15 18	1 56	3 29	0 54	5 39	1 35	25 15	1 15	17 40	0 21	13 53	0 51	1 16	1 59	40 9	16 43	13 21	13 28	19 43		n.a.
M22	11 35	26 34	3 25	15 55	1 57	4 1	0 52	5 32	1 36	25 15	1 15	17 42	0 21	13 53	0 51	1 15	1 59	40 9	16 44	13 21	13 27	19 45		n.a.
T 23	11 57	28 26	4 19	16 31	1 58	4 33	0 50	5 26	1 38	25 16	1 14	17 44	0 20	13 53	0 51	1 15	1 59	40 10	16 44	13 21	13 26	19 48		n.a.
W24	12 19	28 21	4 56	17 5	1 58	5 5	0 47	5 20	1 39	25 16	1 14	17 46	0 20	13 53	0 51	1 14	1 59	40 10	16 45	13 21	13 25	19 51		n.a.
T 25	12 40	26 30	5 15	17 39	1 57	5 36	0 45	5 14	1 41	25 16	1 14	17 48	0 20	13 54	0 51	1 13	1 59	40 11	16 45	13 21	13 23	19 53		n.a.
F 26	13 2	23 11	5 16	18 11	1 56	6 8	0 43	5 8	1 42	25 17	1 14	17 51	0 20	13 54	0 51	1 13	1 59	40 12	16 46	13 21	13 22	19 56		n.a.
S 27	13 23	18 48	5 1	18 41	1 55	6 40	0 41	5 3	1 44	25 17	1 14	17 53	0 20	13 54	0 51	1 12	1 59	40 12	16 46	13 21	13 21	19 58		n.a.
S 28	13 44	13 41	4 31	19 10	1 52	7 11	0 38	4 58	1 45	25 17	1 14	17 55	0 20	13 54	0 51	1 12	1 59	40 13	16 47	13 21	13 20	20 1		n.a.
M29	14 5	8 7	3 48	19 38	1 49	7 42	0 36	4 53	1 46	25 17	1 14	17 57	0 20	13 54	0 51	1 11	1 59	40 13	16 48	13 21	13 19	20 4		n.a.
T 30	14s25	2n20	2n56	20s 3	1s46	8s13	0n34	4n48	1n47	25s18	1s14	17s59	0n20	13s54	0s51	1n11	1s59	40n14	16n48	13n21	13n18	20s 6		n.a.

Julian Day Number = 189503.5, Delta T = 32h30m41s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'31, Lahiri = -61°34'31 Julian Calendar 1 Nov. 4195 BCE == Greg. Calendar 29 Sept. 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4195 BCE
geocentric

DECEMBER 4195 BCE (-4194) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 28 46	8♏34'12	12♎54	22♏ 9	23♎ 4	7°R33	26♐29	20♏20	26°R17	7°R18	12°R23	4♉26	4♉12	21♏34	n.a.	W 1
T 2	2 32 43	9°35'05	24°51	23°50	24°19	7♈20	26°41	20°27	26♒17	7♈17	12♋23	4°26	4° 9	21°40	n.a.	T 2
F 3	2 36 39	10°35'56	6♏43	25°30	25°34	7° 8	26°53	20°35	26°17	7°15	12°22	4°R26	4° 6	21°47	n.a.	F 3
S 4	2 40 36	11°36'46	18°31	27° 8	26°49	6°57	27° 5	20°42	26°17	7°14	12°21	4°26	4° 3	21°54	n.a.	S 4
S 5	2 44 32	12°37'34	0♐19	28°43	28° 4	6°46	27°17	20°49	26°16	7°13	12°21	4°25	4° 0	22° 0	n.a.	S 5
M 6	2 48 29	13°38'20	12° 8	0♐15	29°19	6°37	27°29	20°57	26°16	7°11	12°20	4°24	3°56	22° 7	n.a.	M 6
T 7	2 52 26	14°39'05	24° 0	1°44	0♏34	6°28	27°42	21° 4	26°D16	7°10	12°20	4°23	3°53	22°14	n.a.	T 7
W 8	2 56 22	15°39'47	5♑59	3° 9	1°48	6°20	27°54	21°11	26°16	7° 9	12°19	4°21	3°50	22°20	n.a.	W 8
T 9	3 0 19	16°40'28	18° 7	4°28	3° 3	6°13	28° 6	21°19	26°17	7° 8	12°18	4°19	3°47	22°27	n.a.	T 9
F 10	3 4 15	17°41'07	0♒28	5°43	4°18	6° 7	28°19	21°26	26°17	7° 6	12°17	4°18	3°44	22°33	n.a.	F 10
S 11	3 8 12	18°41'43	13° 7	6°51	5°33	6° 1	28°31	21°34	26°17	7° 5	12°17	4°D18	3°41	22°40	n.a.	S 11
S 12	3 12 8	19°42'18	26° 5	7°52	6°48	5°56	28°44	21°41	26°17	7° 4	12°16	4°18	3°37	22°47	n.a.	S 12
M13	3 16 5	20°42'50	9♓28	8°46	8° 2	5°52	28°57	21°48	26°17	7° 3	12°15	4°18	3°34	22°53	n.a.	M13
T 14	3 20 2	21°43'20	23°17	9°31	9°17	5°49	29° 9	21°56	26°18	7° 2	12°14	4°19	3°31	23° 0	n.a.	T 14
W15	3 23 58	22°43'47	7♈32	10° 7	10°32	5°47	29°22	22° 3	26°18	7° 1	12°13	4°21	3°28	23° 7	n.a.	W15
T 16	3 27 55	23°44'13	22°12	10°34	11°46	5°45	29°35	22°11	26°19	7° 0	12°12	4°22	3°25	23°13	n.a.	T 16
F 17	3 31 51	24°44'37	7♉12	10°51	13° 1	5°45	29°48	22°18	26°19	6°59	12°11	4°R22	3°21	23°20	n.a.	F 17
S 18	3 35 48	25°44'58	22°25	10°R58	14°16	5°D44	0♑ 1	22°25	26°20	6°58	12°10	4°21	3°18	23°27	n.a.	S 18
S 19	3 39 44	26°45'18	7♊41	10°54	15°30	5°45	0°14	22°33	26°20	6°57	12° 9	4°19	3°15	23°33	n.a.	S 19
M20	3 43 41	27°45'35	22°49	10°41	16°45	5°47	0°27	22°40	26°21	6°56	12° 8	4°17	3°12	23°40	n.a.	M20
T 21	3 47 38	28°45'51	7♋41	10°17	17°59	5°49	0°40	22°48	26°22	6°55	12° 7	4°13	3° 9	23°47	n.a.	T 21
W22	3 51 34	29°46'05	22° 9	9°45	19°14	5°51	0°54	22°55	26°23	6°54	12° 6	4°10	3° 6	23°53	n.a.	W22
T 23	3 55 31	0♐46'17	6♌10	9° 4	20°29	5°55	1° 7	23° 2	26°23	6°53	12° 5	4° 7	3° 2	24° 0	n.a.	T 23
F 24	3 59 27	1°46'28	19°43	8°16	21°43	5°59	1°20	23°10	26°24	6°52	12° 4	4° 5	2°59	24° 7	n.a.	F 24
S 25	4 3 24	2°46'36	2♍48	7°22	22°58	6° 4	1°34	23°17	26°25	6°51	12° 3	4°D 4	2°56	24°13	n.a.	S 25
S 26	4 7 20	3°46'42	15°29	6°23	24°12	6°10	1°47	23°24	26°26	6°50	12° 2	4° 5	2°53	24°20	n.a.	S 26
M27	4 11 17	4°46'47	27°51	5°22	25°27	6°16	2° 1	23°32	26°27	6°50	12° 0	4° 6	2°50	24°27	n.a.	M27
T 28	4 15 13	5°46'50	9♎58	4°18	26°41	6°23	2°14	23°39	26°28	6°49	11°59	4° 8	2°47	24°33	n.a.	T 28
W29	4 19 10	6°46'50	21°55	3°15	27°56	6°30	2°28	23°46	26°30	6°48	11°58	4°10	2°43	24°40	n.a.	W29
T 30	4 23 7	7°46'49	3♏44	2°13	29°10	6°38	2°41	23°54	26°31	6°48	11°57	4°R10	2°40	24°47	n.a.	T 30
F 31	4 27 3	8♐46'46	15♏31	1♐14	0♐25	6♈47	2♑55	24♏ 1	26♒32	6♈47	11♋55	4♉10	2♉37	24♏53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s45	3s27	1n57	20s27	1s41	8s44	0n31	4n44	1n48	25s18	1s14	18s 1	0n20	13s54	0s51	1n10	1s59	40n15	16n49	13n22	13n17	20s 9		n.a.
T 2	15 5	9 4	0 53	20 48	1 36	9 14	0 29	4 39	1 49	25 18	1 14	18 3	0 20	13 54	0 51	1 10	1 59	40 15	16 49	13 22	13 16	20 12		n.a.
F 3	15 25	14 20	0s13	21 8	1 30	9 45	0 27	4 35	1 50	25 18	1 14	18 5	0 20	13 54	0 51	1 9	1 59	40 16	16 50	13 22	13 15	20 14		n.a.
S 4	15 45	19 4	1 17	21 25	1 23	10 15	0 24	4 32	1 51	25 19	1 13	18 7	0 19	13 54	0 51	1 9	1 59	40 16	16 50	13 22	13 13	20 17		n.a.
S 5	16 4	23 3	2 19	21 39	1 15	10 45	0 22	4 28	1 52	25 19	1 13	18 9	0 19	13 54	0 51	1 8	1 59	40 17	16 51	13 21	13 12	20 19		n.a.
M 6	16 23	26 6	3 14	21 51	1 6	11 14	0 19	4 25	1 53	25 19	1 13	18 11	0 19	13 54	0 51	1 8	1 59	40 18	16 51	13 21	13 11	20 22		n.a.
T 7	16 41	28 0	4 2	22 0	0 56	11 44	0 17	4 23	1 54	25 19	1 13	18 13	0 19	13 54	0 51	1 7	1 58	40 18	16 52	13 20	13 10	20 24		n.a.
W 8	17 0	28 37	4 39	22 7	0 45	12 13	0 15	4 20	1 55	25 19	1 13	18 16	0 19	13 54	0 51	1 7	1 58	40 19	16 52	13 20	13 9	20 27		n.a.
T 9	17 17	27 52	5 4	22 11	0 33	12 41	0 12	4 18	1 56	25 19	1 13	18 18	0 19	13 54	0 51	1 6	1 58	40 19	16 53	13 19	13 8	20 30		n.a.
F 10	17 35	25 45	5 16	22 12	0 21	13 10	0 10	4 16	1 56	25 20	1 13	18 20	0 19	13 54	0 50	1 6	1 58	40 20	16 53	13 19	13 7	20 32		n.a.
S 11	17 52	22 20	5 13	22 11	0 7	13 38	0 7	4 14	1 57	25 20	1 13	18 22	0 19	13 54	0 50	1 5	1 58	40 21	16 54	13 19	13 6	20 35		n.a.
S 12	18 9	17 46	4 54	22 7	0n 8	14 5	0 5	4 13	1 58	25 20	1 13	18 24	0 19	13 54	0 50	1 5	1 58	40 21	16 54	13 19	13 5	20 37		n.a.
M13	18 26	12 13	4 19	22 0	0 23	14 33	0 3	4 12	1 58	25 20	1 13	18 26	0 19	13 54	0 50	1 4	1 58	40 22	16 55	13 19	13 4	20 40		n.a.
T 14	18 42	5 55	3 28	21 52	0 39	15 0	0 0	4 11	1 59	25 20	1 13	18 28	0 19	13 53	0 50	1 4	1 58	40 22	16 55	13 19	13 2	20 42		n.a.
W15	18 58	0n54	2 23	21 40	0 56	15 26	0s 2	4 11	2 0	25 20	1 13	18 30	0 19	13 53	0 50	1 4	1 58	40 23	16 56	13 20	13 1	20 45		n.a.
T 16	19 14	7 51	1 7	21 27	1 13	15 52	0 5	4 11	2 0	25 20	1 13	18 32	0 18	13 53	0 50	1 3	1 58	40 23	16 56	13 20	13 0	20 48		n.a.
F 17	19 29	14 33	0n16	21 12	1 31	16 18	0 7	4 11	2 1	25 20	1 13	18 34	0 18	13 53	0 50	1 3	1 58	40 24	16 57	13 20	12 59	20 50		n.a.
S 18	19 44	20 28	1 38	20 56	1 49	16 43	0 9	4 11	2 1	25 20	1 13	18 36	0 18	13 53	0 50	1 3	1 58	40 25	16 57	13 20	12 58	20 53		n.a.
S 19	19 59	25 4	2 53	20 38	2 6	17 8	0 12	4 12	2 1	25 20	1 13	18 38	0 18	13 52	0 50	1 2	1 58	40 25	16 58	13 19	12 57	20 55		n.a.
M20	20 13	27 51	3 56	20 19	2 23	17 32	0 14	4 13	2 2	25 20	1 13	18 40	0 18	13 52	0 50	1 2	1 58	40 26	16 58	13 18	12 56	20 58		n.a.
T 21	20 27	28 34	4 41	19 59	2 40	17 56	0 16	4 14	2 2	25 20	1 13	18 42	0 18	13 52	0 50	1 2	1 58	40 26	16 59	13 17	12 55	21 0		n.a.
W22	20 40	27 17	5 7	19 39	2 56	18 20	0 19	4 15	2 3	25 19	1 12	18 44	0 18	13 51	0 50	1 1	1 58	40 27	16 59	13 16	12 54	21 3		n.a.
T 23	20 53	24 19	5 14	19 19	3 10	18 43	0 21	4 17	2 3	25 19	1 12	18 46	0 18	13 51	0 50	1 1	1 58	40 27	16 59	13 15	12 52	21 5		n.a.
F 24	21 6	20 5	5 3	18 58	3 23	19 5	0 23	4 19	2 3	25 19	1 12	18 48	0 18	13 51	0 50	1 1	1 58	40 28	17 0	13 14	12 51	21 8		n.a.
S 25	21 18	15 2	4 36	18 38	3 34	19 27	0 26	4 21	2 3	25 19	1 12	18 50	0 18	13 50	0 50	1 0	1 57	40 28	17 0	13 14	12 50	21 10		n.a.
S 26	21 30	9 29	3 56	18 19	3 44	19 48	0 28	4 24	2 4	25 19	1 12	18 52	0 18	13 50	0 50	1 0	1 57	40 29	17 1	13 14	12 49	21 13		n.a.
M27	21 42	3 42	3 6	18 1	3 51	20 9	0 30	4 26	2 4	25 18	1 12	18 54	0 18	13 50	0 50	1 0	1 57	40 29	17 1	13 15	12 48	21 15		n.a.
T 28	21 53	2s 6	2 9	17 44	3 56	20 29	0 32	4 29	2 4	25 18	1 12	18 56	0 18	13 49	0 50	1 0	1 57	40 30	17 2	13 15	12 47	21 18		n.a.
W29	22 3	7 45	1 7	17 29	4 0	20 49	0 34	4 33	2 4	25 18	1 12	18 58	0 17	13 49	0 50	0 59	1 57	40 30	17 2	13 16	12 46	21 20		n.a.
T 30	22 13	13 5	0 2	17 16	4 1	21 8	0 36	4 36	2 4	25 18	1 12	19 0	0 17	13 48	0 50	0 59	1 57	40 31	17 2	13 16	12 45	21 23		n.a.
F 31	22s23	17s56	1s 2	17s 5	4n 0	21s26	0s38	4n40	2n 5	25s17	1s12	19s 2	0n17	13s48	0s50	0n59	1s57	40n31	17n 3	13n16	12n43	21s25		n.a.

Julian Day Number = 189533.5, Delta T = 32h30m38s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'27, Lahiri = -61°34'27 Julian Calendar 1 Dec. 4195 BCE == Greg. Calendar 29 Oct. 4195 BCE

The year -4194 astronomical counting style corresponds to year 4195 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

JANUARY 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 31 0	9♐46'41	27♏18	0°R19	1♐39	6♈56	3♑ 9	24♏ 8	26♒33	6°R46	11°R54	4°R 7	2♉34	25♏ 0	n.a.	S 1
S 2	4 34 56	10°46'33	9♐ 8	29♏29	2°54	7° 6	3°23	24°15	26°35	6♈46	11♋53	4♉ 3	2°31	25° 7	n.a.	S 2
M 3	4 38 53	11°46'24	21° 2	28°44	4° 8	7°17	3°36	24°23	26°36	6°45	11°51	3°57	2°27	25°13	n.a.	M 3
T 4	4 42 49	12°46'12	3♑ 2	28° 6	5°22	7°28	3°50	24°30	26°37	6°45	11°50	3°50	2°24	25°20	n.a.	T 4
W 5	4 46 46	13°45'57	15°10	27°33	6°37	7°39	4° 4	24°37	26°39	6°44	11°49	3°42	2°21	25°27	n.a.	W 5
T 6	4 50 42	14°45'41	27°27	27° 8	7°51	7°51	4°18	24°44	26°40	6°44	11°47	3°35	2°18	25°33	n.a.	T 6
F 7	4 54 39	15°45'22	9♒56	26°49	9° 6	8° 4	4°32	24°51	26°42	6°43	11°46	3°29	2°15	25°40	n.a.	F 7
S 8	4 58 35	16°45'00	22°38	26°36	10°20	8°17	4°46	24°58	26°44	6°43	11°44	3°24	2°12	25°47	n.a.	S 8
S 9	5 2 32	17°44'36	5♓36	26°D30	11°34	8°31	5° 0	25° 5	26°45	6°43	11°43	3°21	2° 8	25°53	n.a.	S 9
M10	5 6 29	18°44'09	18°53	26°30	12°49	8°45	5°14	25°12	26°47	6°42	11°41	3°D21	2° 5	26° 0	n.a.	M10
T 11	5 10 25	19°43'40	2♈30	26°36	14° 3	9° 0	5°28	25°19	26°49	6°42	11°40	3°21	2° 2	26° 7	n.a.	T 11
W12	5 14 22	20°43'08	16°30	26°48	15°17	9°15	5°42	25°26	26°50	6°42	11°38	3°22	1°59	26°13	n.a.	W12
T 13	5 18 18	21°42'33	0♉53	27° 5	16°31	9°31	5°56	25°33	26°52	6°42	11°37	3°R23	1°56	26°20	n.a.	T 13
F 14	5 22 15	22°41'56	15°37	27°27	17°46	9°47	6°10	25°40	26°54	6°42	11°35	3°23	1°53	26°27	n.a.	F 14
S 15	5 26 11	23°41'17	0♊36	27°54	19° 0	10° 3	6°24	25°47	26°56	6°41	11°34	3°20	1°49	26°33	n.a.	S 15
S 16	5 30 8	24°40'35	15°44	28°25	20°14	10°20	6°38	25°54	26°58	6°41	11°32	3°15	1°46	26°40	n.a.	S 16
M17	5 34 4	25°39'51	0♋50	29° 1	21°28	10°38	6°52	26° 1	27° 0	6°41	11°31	3° 8	1°43	26°47	n.a.	M17
T 18	5 38 1	26°39'04	15°46	29°41	22°43	10°55	7° 6	26° 7	27° 2	6°41	11°29	3° 0	1°40	26°53	n.a.	T 18
W19	5 41 57	27°38'16	0♌22	0♐25	23°57	11°14	7°21	26°14	27° 4	6°D41	11°28	2°51	1°37	27° 0	n.a.	W19
T 20	5 45 54	28°37'25	14°31	1°12	25°11	11°32	7°35	26°21	27° 6	6°41	11°26	2°43	1°33	27° 6	n.a.	T 20
F 21	5 49 51	29°36'32	28°12	2° 2	26°25	11°51	7°49	26°27	27° 9	6°41	11°24	2°37	1°30	27°13	n.a.	F 21
S 22	5 53 47	0♑35'37	11♍24	2°56	27°39	12°10	8° 3	26°34	27°11	6°41	11°23	2°33	1°27	27°20	n.a.	S 22
S 23	5 57 44	1°34'40	24°10	3°53	28°53	12°30	8°18	26°41	27°13	6°41	11°21	2°31	1°24	27°26	n.a.	S 23
M24	6 1 40	2°33'41	6♎33	4°52	0♑ 8	12°50	8°32	26°47	27°15	6°42	11°19	2°D31	1°21	27°33	n.a.	M24
T 25	6 5 37	3°32'40	18°40	5°54	1°22	13°11	8°46	26°53	27°18	6°42	11°18	2°32	1°18	27°40	n.a.	T 25
W26	6 9 33	4°31'37	0♏35	6°59	2°36	13°31	9° 0	27° 0	27°20	6°42	11°16	2°R32	1°14	27°46	n.a.	W26
T 27	6 13 30	5°30'32	12°23	8° 6	3°50	13°52	9°15	27° 6	27°22	6°42	11°15	2°32	1°11	27°53	n.a.	T 27
F 28	6 17 26	6°29'25	24° 9	9°16	5° 4	14°14	9°29	27°13	27°25	6°43	11°13	2°29	1° 8	28° 0	n.a.	F 28
S 29	6 21 23	7°28'15	5♐57	10°27	6°18	14°36	9°43	27°19	27°27	6°43	11°11	2°25	1° 5	28° 6	n.a.	S 29
S 30	6 25 19	8°27'04	17°51	11°41	7°32	14°58	9°57	27°25	27°30	6°43	11°10	2°17	1° 2	28°13	n.a.	S 30
M31	6 29 16	9♑25'51	29♐53	12♐57	8♑46	15♈20	10♑12	27♏31	27♒32	6♈44	11♋ 8	2♉ 7	0♉59	28♏20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s33	22s 6	2s 3	16s57	3n57	21s44	0s40	4n44	2n 5	25s17	1s12	19s 4	0n17	13s47	0s49	0n59	1s57	40n32	17n 3	13n15	12n42	21s28		n.a.
S 2	22 42	25 23	2 59	16 50	3 52	22 1	0 42	4 48	2 5	25 17	1 12	19 6	0 17	13 47	0 49	0 59	1 57	40 32	17 3	13 14	12 41	21 30		n.a.
M 3	22 50	27 35	3 47	16 47	3 46	22 18	0 44	4 52	2 5	25 16	1 12	19 7	0 17	13 46	0 49	0 58	1 57	40 33	17 4	13 11	12 40	21 33		n.a.
T 4	22 58	28 31	4 26	16 45	3 38	22 34	0 46	4 57	2 5	25 16	1 12	19 9	0 17	13 46	0 49	0 58	1 57	40 33	17 4	13 9	12 39	21 35		n.a.
W 5	23 6	28 5	4 53	16 47	3 29	22 49	0 48	5 1	2 5	25 15	1 12	19 11	0 17	13 45	0 49	0 58	1 57	40 34	17 4	13 6	12 38	21 37		n.a.
T 6	23 13	26 16	5 7	16 50	3 20	23 4	0 50	5 6	2 5	25 15	1 12	19 13	0 17	13 45	0 49	0 58	1 57	40 34	17 5	13 4	12 37	21 40		n.a.
F 7	23 20	23 11	5 7	16 56	3 9	23 18	0 52	5 12	2 5	25 14	1 12	19 15	0 17	13 44	0 49	0 58	1 57	40 35	17 5	13 2	12 36	21 42		n.a.
S 8	23 26	18 56	4 52	17 4	2 58	23 31	0 54	5 17	2 5	25 14	1 12	19 17	0 17	13 43	0 49	0 58	1 56	40 35	17 5	13 0	12 34	21 45		n.a.
S 9	23 32	13 45	4 22	17 14	2 46	23 44	0 56	5 23	2 5	25 13	1 12	19 19	0 17	13 43	0 49	0 58	1 56	40 36	17 6	12 59	12 33	21 47		n.a.
M10	23 37	7 50	3 37	17 25	2 34	23 55	0 57	5 28	2 5	25 13	1 12	19 20	0 17	13 42	0 49	0 58	1 56	40 36	17 6	12 59	12 32	21 50		n.a.
T 11	23 42	1 24	2 39	17 39	2 22	24 6	0 59	5 34	2 5	25 12	1 12	19 22	0 16	13 41	0 49	0 58	1 56	40 36	17 6	12 59	12 31	21 52		n.a.
W12	23 47	5n17	1 30	17 54	2 10	24 17	1 0	5 40	2 5	25 12	1 12	19 24	0 16	13 41	0 49	0 58	1 56	40 37	17 6	12 59	12 30	21 55		n.a.
T 13	23 51	11 54	0 13	18 10	1 57	24 27	1 2	5 47	2 5	25 11	1 12	19 26	0 16	13 40	0 49	0 58	1 56	40 37	17 7	13 0	12 29	21 57		n.a.
F 14	23 54	18 1	1n 5	18 27	1 45	24 35	1 4	5 53	2 5	25 10	1 12	19 27	0 16	13 39	0 49	0 58	1 56	40 38	17 7	12 59	12 28	21 59		n.a.
S 15	23 58	23 9	2 21	18 45	1 32	24 44	1 5	6 0	2 5	25 10	1 12	19 29	0 16	13 39	0 49	0 58	1 56	40 38	17 7	12 59	12 27	22 2		n.a.
S 16	24 0	26 46	3 28	19 4	1 20	24 51	1 6	6 7	2 5	25 9	1 12	19 31	0 16	13 38	0 49	0 58	1 56	40 38	17 7	12 57	12 25	22 4		n.a.
M17	24 2	28 26	4 19	19 24	1 8	24 58	1 8	6 13	2 5	25 8	1 12	19 33	0 16	13 37	0 49	0 58	1 56	40 39	17 7	12 54	12 24	22 6		n.a.
T 18	24 4	28 0	4 52	19 44	0 56	25 4	1 9	6 21	2 5	25 8	1 12	19 34	0 16	13 36	0 49	0 58	1 56	40 39	17 8	12 51	12 23	22 9		n.a.
W19	24 6	25 37	5 6	20 5	0 45	25 9	1 10	6 28	2 5	25 7	1 12	19 36	0 16	13 36	0 49	0 58	1 56	40 40	17 8	12 48	12 22	22 11		n.a.
T 20	24 6	21 42	4 59	20 26	0 33	25 13	1 12	6 35	2 4	25 6	1 12	19 38	0 16	13 35	0 49	0 58	1 56	40 40	17 8	12 46	12 21	22 14		n.a.
F 21	24 7	16 44	4 36	20 47	0 22	25 17	1 13	6 43	2 4	25 5	1 12	19 39	0 16	13 34	0 49	0 58	1 56	40 40	17 8	12 44	12 20	22 16		n.a.
S 22	24 7	11 9	3 59	21 9	0 12	25 20	1 14	6 50	2 4	25 4	1 12	19 41	0 16	13 33	0 49	0 58	1 55	40 41	17 8	12 42	12 19	22 18		n.a.
S 23	24 6	5 17	3 11	21 30	0 1	25 22	1 15	6 58	2 4	25 3	1 13	19 43	0 16	13 32	0 49	0 58	1 55	40 41	17 8	12 41	12 18	22 21		n.a.
M24	24 5	0s38	2 14	21 51	0s 9	25 23	1 16	7 6	2 4	25 2	1 13	19 44	0 16	13 32	0 49	0 58	1 55	40 41	17 9	12 41	12 16	22 23		n.a.
T 25	24 4	6 23	1 14	22 12	0 19	25 23	1 17	7 14	2 4	25 2	1 13	19 46	0 15	13 31	0 48	0 59	1 55	40 41	17 9	12 42	12 15	22 25		n.a.
W26	24 2	11 50	0 11	22 33	0 28	25 23	1 18	7 22	2 4	25 1	1 13	19 47	0 15	13 30	0 48	0 59	1 55	40 42	17 9	12 42	12 14	22 28		n.a.
T 27	24 0	16 49	0s52	22 53	0 37	25 22	1 18	7 31	2 4	25 0	1 13	19 49	0 15	13 29	0 48	0 59	1 55	40 42	17 9	12 42	12 13	22 30		n.a.
F 28	23 57	21 9	1 53	23 13	0 46	25 20	1 19	7 39	2 3	24 59	1 13	19 51	0 15	13 28	0 48	0 59	1 55	40 42	17 9	12 41	12 12	22 32		n.a.
S 29	23 54	24 40	2 48	23 32	0 54	25 18	1 20	7 48	2 3	24 58	1 13	19 52	0 15	13 27	0 48	0 59	1 55	40 42	17 9	12 39	12 11	22 35		n.a.
S 30	23 50	27 8	3 37	23 51	1 2	25 14	1 21	7 56	2 3	24 57	1 13	19 54	0 15	13 26	0 48	1 0	1 55	40 43	17 9	12 36	12 10	22 37		n.a.
M31	23s46	28s23	4s16	24s 8	1s 9	25s10	1s21	8n 5	2n 3	24s56	1s13	19s55	0n15	13s25	0s48	1n 0	1s55	40n43	17n 9	12n33	12n 8	22s39		n.a.

Julian Day Number = 189564.5, Delta T = 32h30m34s
Ecliptic obliquity = 24°07'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'23, Lahiri = -61°34'22 Julian Calendar 1 Jan. 4194 BCE == Greg. Calendar 29 Nov. 4195 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

FEBRUARY 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 33 12	10♉24'35	12♉ 4	14♐15	10♉ 0	15♈43	10♉26	27♏37	27♒35	6♈44	11°R 6	1°R55	0♌55	28♏26	n.a.	T 1
W 2	6 37 9	11°23'18	24°25	15°34	11°14	16° 6	10°40	27°44	27°38	6°45	11♋ 5	1♌42	0°52	28°33	n.a.	W 2
T 3	6 41 5	12°21'58	6♒58	16°56	12°29	16°29	10°55	27°50	27°40	6°45	11° 3	1°30	0°49	28°40	n.a.	T 3
F 4	6 45 2	13°20'35	19°41	18°19	13°43	16°53	11° 9	27°56	27°43	6°46	11° 1	1°19	0°46	28°46	n.a.	F 4
S 5	6 48 59	14°19'10	2♓37	19°44	14°57	17°17	11°23	28° 1	27°46	6°46	11° 0	1°11	0°43	28°53	n.a.	S 5
S 6	6 52 55	15°17'43	15°44	21°11	16°11	17°41	11°37	28° 7	27°48	6°47	10°58	1° 5	0°39	29° 0	n.a.	S 6
M 7	6 56 52	16°16'14	29° 5	22°40	17°25	18° 5	11°52	28°13	27°51	6°47	10°56	1° 2	0°36	29° 6	n.a.	M 7
T 8	7 0 48	17°14'41	12♈41	24°10	18°39	18°30	12° 6	28°19	27°54	6°48	10°55	1°D 1	0°33	29°13	n.a.	T 8
W 9	7 4 45	18°13'07	26°33	25°42	19°53	18°55	12°20	28°24	27°57	6°49	10°53	1°R 1	0°30	29°20	n.a.	W 9
T 10	7 8 41	19°11'30	10♉42	27°16	21° 7	19°20	12°34	28°30	28° 0	6°50	10°51	1° 1	0°27	29°26	n.a.	T 10
F 11	7 12 38	20° 9'51	25° 6	28°51	22°20	19°45	12°48	28°36	28° 3	6°50	10°50	0°59	0°24	29°33	n.a.	F 11
S 12	7 16 34	21° 8'09	9♊44	0♉28	23°34	20°11	13° 3	28°41	28° 6	6°51	10°48	0°55	0°20	29°40	n.a.	S 12
S 13	7 20 31	22° 6'26	24°31	2° 6	24°48	20°37	13°17	28°47	28° 8	6°52	10°47	0°48	0°17	29°46	n.a.	S 13
M14	7 24 27	23° 4'40	9♋19	3°47	26° 2	21° 3	13°31	28°52	28°11	6°53	10°45	0°39	0°14	29°53	n.a.	M14
T 15	7 28 24	24° 2'52	24° 0	5°29	27°16	21°30	13°45	28°57	28°14	6°54	10°43	0°28	0°11	29°59	n.a.	T 15
W16	7 32 20	25° 1'02	8♌27	7°12	28°30	21°56	13°59	29° 2	28°17	6°55	10°42	0°16	0° 8	0♐ 6	n.a.	W16
T 17	7 36 17	25°59'10	22°33	8°57	29°44	22°23	14°13	29° 8	28°21	6°56	10°40	0° 5	0° 5	0°13	n.a.	T 17
F 18	7 40 13	26°57'16	6♍14	10°44	0♒58	22°50	14°28	29°13	28°24	6°57	10°39	29♈56	0° 1	0°20	n.a.	F 18
S 19	7 44 10	27°55'20	19°28	12°33	2°12	23°17	14°42	29°18	28°27	6°58	10°37	29°50	29♈58	0°26	n.a.	S 19
S 20	7 48 7	28°53'22	2♎16	14°23	3°25	23°44	14°56	29°23	28°30	6°59	10°36	29°46	29°55	0°33	n.a.	S 20
M21	7 52 3	29°51'23	14°43	16°15	4°39	24°12	15°10	29°28	28°33	7° 0	10°34	29°44	29°52	0°40	n.a.	M21
T 22	7 56 0	0♒49'22	26°52	18° 8	5°53	24°40	15°24	29°32	28°36	7° 1	10°32	29°44	29°49	0°46	n.a.	T 22
W23	7 59 56	1°47'20	8♏48	20° 3	7° 7	25° 8	15°38	29°37	28°39	7° 2	10°31	29°44	29°45	0°53	n.a.	W23
T 24	8 3 53	2°45'16	20°38	22° 0	8°21	25°36	15°52	29°42	28°42	7° 3	10°29	29°43	29°42	1° 0	n.a.	T 24
F 25	8 7 49	3°43'10	2♐26	23°59	9°35	26° 4	16° 6	29°46	28°46	7° 4	10°28	29°40	29°39	1° 6	n.a.	F 25
S 26	8 11 46	4°41'03	14°17	25°59	10°48	26°33	16°19	29°51	28°49	7° 5	10°26	29°35	29°36	1°13	n.a.	S 26
S 27	8 15 42	5°38'55	26°16	28° 0	12° 2	27° 2	16°33	29°55	28°52	7° 7	10°25	29°27	29°33	1°20	n.a.	S 27
M28	8 19 39	6♒36'44	8♑26	0♒ 3	13♒16	27♈30	16♑47	29♏59	28♒55	7♈ 8	10♋24	29♈17	29♈30	1♐26	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s42	28s16	4s44	24s25	1s16	25s 5	1s22	8n14	2n 3	24s54	1s13	19s57	0n15	13s24	0s48	1n 0	1s55	40n43	17n 9	12n29	12n 7	22s42		n.a.
W 2	23 37	26 44	4 59	24 41	1 23	24 59	1 22	8 23	2 2	24 53	1 13	19 58	0 15	13 23	0 48	1 0	1 55	40 43	17 9	12 24	12 6	22 44		n.a.
T 3	23 31	23 53	5 0	24 56	1 29	24 53	1 23	8 32	2 2	24 52	1 13	20 0	0 15	13 22	0 48	1 1	1 55	40 44	17 9	12 20	12 5	22 46		n.a.
F 4	23 25	19 50	4 46	25 10	1 35	24 46	1 23	8 41	2 2	24 51	1 13	20 1	0 15	13 21	0 48	1 1	1 55	40 44	17 10	12 16	12 4	22 49		n.a.
S 5	23 19	14 49	4 18	25 23	1 40	24 38	1 23	8 50	2 2	24 50	1 13	20 3	0 15	13 20	0 48	1 1	1 54	40 44	17 10	12 13	12 3	22 51		n.a.
S 6	23 13	9 4	3 35	25 34	1 45	24 29	1 23	9 0	2 2	24 49	1 13	20 4	0 15	13 19	0 48	1 1	1 54	40 44	17 10	12 11	12 2	22 53		n.a.
M 7	23 6	2 49	2 40	25 44	1 50	24 20	1 24	9 9	2 1	24 47	1 13	20 5	0 15	13 18	0 48	1 2	1 54	40 44	17 10	12 10	12 0	22 55		n.a.
T 8	22 58	3n41	1 35	25 53	1 54	24 9	1 24	9 19	2 1	24 46	1 13	20 7	0 15	13 17	0 48	1 2	1 54	40 44	17 10	12 9	11 59	22 58		n.a.
W 9	22 50	10 10	0 24	26 0	1 57	23 59	1 24	9 28	2 1	24 45	1 13	20 8	0 14	13 16	0 48	1 2	1 54	40 45	17 9	12 9	11 58	23 0		n.a.
T 10	22 42	16 16	0n51	26 6	2 1	23 47	1 24	9 38	2 1	24 43	1 14	20 9	0 14	13 15	0 48	1 3	1 54	40 45	17 9	12 9	11 57	23 2		n.a.
F 11	22 33	21 35	2 4	26 10	2 3	23 35	1 23	9 48	2 1	24 42	1 14	20 11	0 14	13 14	0 48	1 3	1 54	40 45	17 9	12 9	11 56	23 4		n.a.
S 12	22 24	25 40	3 9	26 12	2 5	23 22	1 23	9 57	2 0	24 41	1 14	20 12	0 14	13 13	0 48	1 4	1 54	40 45	17 9	12 7	11 55	23 7		n.a.
S 13	22 15	28 3	4 3	26 13	2 7	23 8	1 23	10 7	2 0	24 39	1 14	20 13	0 14	13 12	0 48	1 4	1 54	40 45	17 9	12 5	11 54	23 9		n.a.
M14	22 5	28 26	4 40	26 12	2 8	22 54	1 23	10 17	2 0	24 38	1 14	20 15	0 14	13 11	0 48	1 4	1 54	40 45	17 9	12 1	11 52	23 11		n.a.
T 15	21 54	26 48	4 58	26 9	2 9	22 39	1 22	10 27	2 0	24 37	1 14	20 16	0 14	13 10	0 48	1 5	1 54	40 45	17 9	11 57	11 51	23 13		n.a.
W16	21 44	23 26	4 57	26 3	2 9	22 23	1 22	10 37	1 59	24 35	1 14	20 17	0 14	13 9	0 48	1 5	1 54	40 45	17 9	11 53	11 50	23 16		n.a.
T 17	21 33	18 45	4 38	25 56	2 8	22 7	1 22	10 47	1 59	24 34	1 14	20 18	0 14	13 8	0 48	1 6	1 54	40 45	17 9	11 49	11 49	23 18		n.a.
F 18	21 21	13 13	4 3	25 47	2 7	21 50	1 21	10 57	1 59	24 32	1 14	20 20	0 14	13 7	0 48	1 6	1 54	40 45	17 9	11 46	11 48	23 20		n.a.
S 19	21 10	7 16	3 16	25 36	2 6	21 32	1 20	11 7	1 59	24 31	1 14	20 21	0 14	13 5	0 48	1 7	1 53	40 45	17 9	11 44	11 47	23 22		n.a.
S 20	20 58	1 12	2 20	25 22	2 4	21 14	1 20	11 18	1 58	24 29	1 14	20 22	0 14	13 4	0 48	1 7	1 53	40 45	17 9	11 42	11 46	23 25		n.a.
M21	20 45	4s45	1 19	25 6	2 1	20 55	1 19	11 28	1 58	24 28	1 15	20 23	0 14	13 3	0 48	1 8	1 53	40 45	17 8	11 42	11 44	23 27		n.a.
T 22	20 32	10 24	0 15	24 47	1 58	20 36	1 18	11 38	1 58	24 26	1 15	20 24	0 14	13 2	0 48	1 8	1 53	40 45	17 8	11 41	11 43	23 29		n.a.
W23	20 19	15 35	0s48	24 27	1 54	20 16	1 17	11 49	1 58	24 25	1 15	20 25	0 14	13 1	0 48	1 9	1 53	40 45	17 8	11 41	11 42	23 31		n.a.
T 24	20 6	20 9	1 48	24 4	1 49	19 55	1 17	11 59	1 57	24 23	1 15	20 26	0 13	13 0	0 48	1 9	1 53	40 45	17 8	11 41	11 41	23 33		n.a.
F 25	19 52	23 54	2 44	23 38	1 44	19 34	1 16	12 9	1 57	24 21	1 15	20 27	0 13	12 59	0 48	1 10	1 53	40 45	17 8	11 40	11 40	23 35		n.a.
S 26	19 38	26 41	3 32	23 10	1 39	19 13	1 15	12 20	1 57	24 20	1 15	20 29	0 13	12 57	0 48	1 10	1 53	40 45	17 8	11 38	11 39	23 38		n.a.
S 27	19 23	28 16	4 12	22 40	1 33	18 51	1 14	12 30	1 57	24 18	1 15	20 30	0 13	12 56	0 48	1 11	1 53	40 45	17 7	11 36	11 37	23 40		n.a.
M28	19s 9	28s31	4s41	22s 7	1s26	18s28	1s12	12n41	1n56	24s17	1s15	20s31	0n13	12s55	0s48	1n11	1s53	40n45	17n 7	11n32	11n36	23s42		n.a.

Julian Day Number = 189595.5, Delta T = 32h30m31s
Ecliptic obliquity = 24°07'06, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'19, Lahiri = -61°34'18 Julian Calendar 1 Feb. 4194 BCE == Greg. Calendar 30 Dec. 4195 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

MARCH 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 23 35	7♒34'33	20♉48	2♒ 8	14♒30	28♈ 0	17♉ 1	0♐ 4	28♒59	7♈ 9	10°R22	29°R 5	29♈26	1♐33	n.a.	T 1
W 2	8 27 32	8°32'19	3♒25	4°14	15°43	28°29	17°15	0° 8	29° 2	7°10	10♋21	28♈52	29°23	1°40	n.a.	W 2
T 3	8 31 28	9°30'04	16°15	6°21	16°57	28°58	17°28	0°12	29° 5	7°12	10°19	28°39	29°20	1°46	n.a.	T 3
F 4	8 35 25	10°27'47	29°19	8°29	18°11	29°28	17°42	0°16	29° 9	7°13	10°18	28°28	29°17	1°53	n.a.	F 4
S 5	8 39 21	11°25'28	12♓34	10°37	19°25	29°58	17°56	0°20	29°12	7°15	10°17	28°19	29°14	2° 0	n.a.	S 5
S 6	8 43 18	12°23'08	26° 1	12°47	20°38	0♉27	18° 9	0°24	29°15	7°16	10°15	28°13	29°11	2° 6	n.a.	S 6
M 7	8 47 15	13°20'46	9♈38	14°57	21°52	0°58	18°23	0°28	29°19	7°17	10°14	28°10	29° 7	2°13	n.a.	M 7
T 8	8 51 11	14°18'22	23°24	17° 7	23° 6	1°28	18°36	0°32	29°22	7°19	10°13	28°D 9	29° 4	2°20	n.a.	T 8
W 9	8 55 8	15°15'56	7♉19	19°16	24°19	1°58	18°50	0°35	29°26	7°20	10°11	28° 9	29° 1	2°26	n.a.	W 9
T 10	8 59 4	16°13'28	21°23	21°26	25°33	2°29	19° 3	0°39	29°29	7°22	10°10	28°R 9	28°58	2°33	n.a.	T 10
F 11	9 3 1	17°10'59	5♊35	23°35	26°47	2°59	19°17	0°42	29°32	7°24	10° 9	28° 8	28°55	2°40	n.a.	F 11
S 12	9 6 57	18° 8'28	19°54	25°43	28° 0	3°30	19°30	0°46	29°36	7°25	10° 8	28° 4	28°51	2°46	n.a.	S 12
S 13	9 10 54	19° 5'55	4♋17	27°49	29°14	4° 1	19°43	0°49	29°39	7°27	10° 6	27°58	28°48	2°53	n.a.	S 13
M14	9 14 50	20° 3'21	18°40	29°54	0♓28	4°32	19°57	0°52	29°43	7°28	10° 5	27°50	28°45	3° 0	n.a.	M14
T 15	9 18 47	21° 0'45	2♌57	1♓58	1°41	5° 3	20°10	0°55	29°46	7°30	10° 4	27°41	28°42	3° 7	n.a.	T 15
W16	9 22 43	21°58'08	17° 2	3°59	2°55	5°35	20°23	0°58	29°50	7°32	10° 3	27°30	28°39	3°13	n.a.	W16
T 17	9 26 40	22°55'29	0♍51	5°58	4° 8	6° 6	20°36	1° 1	29°53	7°33	10° 2	27°21	28°36	3°20	n.a.	T 17
F 18	9 30 37	23°52'49	14°19	7°55	5°22	6°38	20°49	1° 4	29°57	7°35	10° 1	27°12	28°32	3°27	n.a.	F 18
S 19	9 34 33	24°50'08	27°26	9°50	6°35	7° 9	21° 2	1° 7	0♓ 0	7°37	10° 0	27° 6	28°29	3°33	n.a.	S 19
S 20	9 38 30	25°47'26	10♎11	11°42	7°49	7°41	21°15	1°10	0° 3	7°38	9°59	27° 3	28°26	3°40	n.a.	S 20
M21	9 42 26	26°44'43	22°36	13°31	9° 2	8°13	21°28	1°12	0° 7	7°40	9°58	27°D 1	28°23	3°47	n.a.	M21
T 22	9 46 23	27°41'59	4♏46	15°17	10°16	8°45	21°41	1°15	0°10	7°42	9°57	27° 2	28°20	3°53	n.a.	T 22
W23	9 50 19	28°39'14	16°44	17° 0	11°29	9°18	21°54	1°17	0°14	7°44	9°56	27° 2	28°16	4° 0	n.a.	W23
T 24	9 54 16	29°36'28	28°35	18°41	12°43	9°50	22° 6	1°19	0°17	7°46	9°55	27°R 3	28°13	4° 7	n.a.	T 24
F 25	9 58 12	0♓33'42	10♐25	20°18	13°56	10°22	22°19	1°21	0°21	7°47	9°54	27° 2	28°10	4°13	n.a.	F 25
S 26	10 2 9	1°30'55	22°19	21°52	15°10	10°55	22°31	1°24	0°24	7°49	9°53	27° 0	28° 7	4°20	n.a.	S 26
S 27	10 6 6	2°28'07	4♉22	23°24	16°23	11°28	22°44	1°26	0°28	7°51	9°52	26°56	28° 4	4°27	n.a.	S 27
M28	10 10 2	3°25'18	16°37	24°52	17°37	12° 0	22°56	1°27	0°31	7°53	9°51	26°49	28° 1	4°33	n.a.	M28
T 29	10 13 59	4°22'29	29° 8	26°17	18°50	12°33	23° 9	1°29	0°35	7°55	9°50	26°41	27°57	4°40	n.a.	T 29
W30	10 17 55	5°19'39	11♒57	27°39	20° 4	13° 6	23°21	1°31	0°38	7°57	9°50	26°33	27°54	4°47	n.a.	W30
T 31	10 21 52	6♓16'48	25♒ 3	28♓58	21♓17	13♉39	23♉33	1♐33	0♓42	7♈59	9♋49	26♈24	27♈51	4♐53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	18s54	27s21	4s57	21s31	1s19	18s 5	1s11	12n51	1n56	24s15	1s15	20s32	0n13	12s54	0s48	1n12	1s53	40n45	17n 7	11n27	11n35	23s44			n.a.
W 2	18 38	24 47	4 59	20 54	1 11	17 41	1 10	13 2	1 56	24 13	1 16	20 33	0 13	12 53	0 47	1 12	1 53	40 45	17 7	11 23	11 34	23 46			n.a.
T 3	18 23	20 57	4 46	20 14	1 3	17 17	1 9	13 12	1 56	24 11	1 16	20 34	0 13	12 51	0 47	1 13	1 53	40 45	17 7	11 18	11 33	23 48			n.a.
F 4	18 7	16 3	4 18	19 31	0 54	16 53	1 7	13 23	1 55	24 10	1 16	20 34	0 13	12 50	0 47	1 14	1 53	40 45	17 6	11 14	11 32	23 51			n.a.
S 5	17 50	10 20	3 36	18 47	0 45	16 28	1 6	13 34	1 55	24 8	1 16	20 35	0 13	12 49	0 47	1 14	1 53	40 45	17 6	11 11	11 31	23 53			n.a.
S 6	17 34	4 5	2 41	18 1	0 35	16 2	1 5	13 44	1 55	24 6	1 16	20 36	0 13	12 48	0 47	1 15	1 52	40 45	17 6	11 8	11 29	23 55			n.a.
M 7	17 17	2n27	1 36	17 13	0 25	15 36	1 3	13 55	1 54	24 4	1 16	20 37	0 13	12 46	0 47	1 16	1 52	40 44	17 6	11 7	11 28	23 57			n.a.
T 8	17 0	8 57	0 25	16 23	0 15	15 10	1 1	14 5	1 54	24 3	1 16	20 38	0 13	12 45	0 47	1 16	1 52	40 44	17 5	11 7	11 27	23 59			n.a.
W 9	16 43	15 6	0n48	15 32	0 5	14 43	1 0	14 16	1 54	24 1	1 17	20 39	0 13	12 44	0 47	1 17	1 52	40 44	17 5	11 7	11 26	24 1			n.a.
T 10	16 25	20 33	2 0	14 40	0n 6	14 16	0 58	14 27	1 54	23 59	1 17	20 40	0 12	12 43	0 47	1 18	1 52	40 44	17 5	11 7	11 25	24 3			n.a.
F 11	16 7	24 52	3 5	13 47	0 17	13 49	0 57	14 37	1 53	23 57	1 17	20 41	0 12	12 41	0 47	1 18	1 52	40 44	17 4	11 6	11 24	24 5			n.a.
S 12	15 49	27 41	3 58	12 53	0 27	13 21	0 55	14 48	1 53	23 55	1 17	20 41	0 12	12 40	0 47	1 19	1 52	40 44	17 4	11 5	11 22	24 7			n.a.
S 13	15 31	28 40	4 37	11 59	0 38	12 53	0 53	14 58	1 53	23 54	1 17	20 42	0 12	12 39	0 47	1 20	1 52	40 43	17 4	11 3	11 21	24 9			n.a.
M14	15 12	27 42	4 59	11 4	0 48	12 25	0 51	15 9	1 52	23 52	1 17	20 43	0 12	12 38	0 47	1 20	1 52	40 43	17 3	11 0	11 20	24 12			n.a.
T 15	14 54	24 56	5 1	10 10	0 59	11 56	0 49	15 20	1 52	23 50	1 17	20 44	0 12	12 36	0 47	1 21	1 52	40 43	17 3	10 56	11 19	24 14			n.a.
W16	14 35	20 41	4 45	9 16	1 9	11 27	0 47	15 30	1 52	23 48	1 18	20 44	0 12	12 35	0 47	1 22	1 52	40 43	17 3	10 53	11 18	24 16			n.a.
T 17	14 16	15 24	4 13	8 22	1 19	10 58	0 45	15 41	1 51	23 46	1 18	20 45	0 12	12 34	0 47	1 23	1 52	40 42	17 2	10 49	11 17	24 18			n.a.
F 18	13 56	9 30	3 27	7 29	1 28	10 29	0 43	15 51	1 51	23 44	1 18	20 46	0 12	12 33	0 47	1 23	1 52	40 42	17 2	10 46	11 15	24 20			n.a.
S 19	13 37	3 21	2 31	6 37	1 37	9 59	0 41	16 2	1 51	23 42	1 18	20 46	0 12	12 31	0 47	1 24	1 52	40 42	17 2	10 44	11 14	24 22			n.a.
S 20	13 17	2s47	1 29	5 46	1 45	9 29	0 39	16 12	1 51	23 40	1 18	20 47	0 12	12 30	0 47	1 25	1 52	40 42	17 1	10 43	11 13	24 24			n.a.
M21	12 57	8 40	0 24	4 56	1 53	8 59	0 37	16 23	1 50	23 38	1 18	20 48	0 12	12 29	0 47	1 26	1 52	40 41	17 1	10 42	11 12	24 26			n.a.
T 22	12 37	14 7	0s41	4 7	2 0	8 28	0 35	16 33	1 50	23 37	1 19	20 48	0 12	12 28	0 47	1 26	1 52	40 41	17 1	10 42	11 11	24 28			n.a.
W23	12 16	18 58	1 44	3 20	2 7	7 57	0 33	16 43	1 50	23 35	1 19	20 49	0 12	12 26	0 47	1 27	1 52	40 41	17 0	10 42	11 10	24 30			n.a.
T 24	11 56	23 1	2 41	2 34	2 13	7 27	0 31	16 54	1 49	23 33	1 19	20 49	0 11	12 25	0 47	1 28	1 52	40 40	17 0	10 43	11 8	24 32			n.a.
F 25	11 35	26 7	3 31	1 50	2 19	6 56	0 28	17 4	1 49	23 31	1 19	20 50	0 11	12 24	0 47	1 29	1 51	40 40	16 59	10 42	11 7	24 34			n.a.
S 26	11 14	28 5	4 12	1 7	2 24	6 24	0 26	17 14	1 49	23 29	1 19	20 50	0 11	12 23	0 47	1 29	1 51	40 40	16 59	10 41	11 6	24 36			n.a.
S 27	10 53	28 45	4 43	0 27	2 28	5 53	0 24	17 24	1 48	23 27	1 19	20 51	0 11	12 21	0 47	1 30	1 51	40 40	16 59	10 40	11 5	24 38			n.a.
M28	10 32	28 2	5 1	0n12	2 31	5 21	0 21	17 35	1 48	23 25	1 20	20 51	0 11	12 20	0 47	1 31	1 51	40 39	16 58	10 37	11 4	24 40			n.a.
T 29	10 11	25 53	5 6	0 50	2 34	4 50	0 19	17 45	1 48	23 23	1 20	20 52	0 11	12 19	0 47	1 32	1 51	40 39	16 58	10 35	11 3	24 42			n.a.
W30	9 49	22 24	4 55	1 25	2 36	4 18	0 17	17 55	1 47	23 21	1 20	20 52	0 11	12 17	0 47	1 33	1 51	40 38	16 57	10 31	11 1	24 44			n.a.
T 31	9s28	17s44	4s29	1n58	2n37	3s46	0s14	18n 5	1n47	23s19	1s20	20s53	0n11	12s16	0s47	1n33	1s51	40n38	16n57	10n28	11n 0	24s46			n.a.

Julian Day Number = 189623.5, Delta T = 32h30m28s
Ecliptic obliquity = 24°07'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'15, Lahiri = -61°34'14 Julian Calendar 1 March 4194 BCE == Greg. Calendar 27 Jan. 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

APRIL 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 25 48	7♓13'56	8♓27	0♈13	22♓30	14♉13	23♊46	1♐34	0♓45	8♈ 1	9°R48	26°R16	27♈48	5♐ 0	n.a.	F 1
S 2	10 29 45	8°11'04	22° 5	1°25	23°44	14°46	23°58	1°36	0°49	8° 3	9♋48	26♈10	27°45	5° 7	n.a.	S 2
S 3	10 33 41	9° 8'10	5♈56	2°34	24°57	15°19	24°10	1°37	0°52	8° 5	9°47	26° 6	27°42	5°13	n.a.	S 3
M 4	10 37 38	10° 5'16	19°56	3°40	26°10	15°53	24°22	1°38	0°56	8° 7	9°46	26°D 5	27°38	5°20	n.a.	M 4
T 5	10 41 35	11° 2'21	4♉ 2	4°42	27°24	16°27	24°33	1°39	0°59	8° 9	9°46	26° 5	27°35	5°27	n.a.	T 5
W 6	10 45 31	11°59'26	18°12	5°40	28°37	17° 0	24°45	1°40	1° 3	8°11	9°45	26° 6	27°32	5°33	n.a.	W 6
T 7	10 49 28	12°56'29	2♊24	6°35	29°50	17°34	24°57	1°41	1° 6	8°13	9°45	26° 7	27°29	5°40	n.a.	T 7
F 8	10 53 24	13°53'31	16°35	7°26	1♈ 4	18° 8	25° 9	1°42	1° 9	8°15	9°44	26°R 7	27°26	5°47	n.a.	F 8
S 9	10 57 21	14°50'33	0♋44	8°13	2°17	18°42	25°20	1°43	1°13	8°17	9°44	26° 6	27°22	5°53	n.a.	S 9
S 10	11 1 17	15°47'34	14°49	8°56	3°30	19°17	25°31	1°43	1°16	8°19	9°43	26° 4	27°19	6° 0	n.a.	S 10
M11	11 5 14	16°44'34	28°48	9°36	4°44	19°51	25°43	1°44	1°20	8°21	9°43	25°59	27°16	6° 7	n.a.	M11
T 12	11 9 11	17°41'34	12♌38	10°11	5°57	20°25	25°54	1°44	1°23	8°23	9°42	25°54	27°13	6°13	n.a.	T 12
W13	11 13 7	18°38'32	26°17	10°42	7°10	21° 0	26° 5	1°44	1°26	8°26	9°42	25°48	27°10	6°20	n.a.	W13
T 14	11 17 4	19°35'31	9♍41	11° 9	8°23	21°34	26°16	1°45	1°30	8°28	9°42	25°42	27° 7	6°27	n.a.	T 14
F 15	11 21 0	20°32'29	22°50	11°31	9°36	22° 9	26°27	1°45	1°33	8°30	9°41	25°38	27° 3	6°33	n.a.	F 15
S 16	11 24 57	21°29'26	5♎41	11°49	10°50	22°43	26°38	1°R45	1°36	8°32	9°41	25°34	27° 0	6°40	n.a.	S 16
S 17	11 28 53	22°26'24	18°16	12° 3	12° 3	23°18	26°49	1°45	1°40	8°34	9°41	25°33	26°57	6°47	n.a.	S 17
M18	11 32 50	23°23'21	0♏35	12°12	13°16	23°53	27° 0	1°44	1°43	8°36	9°41	25°D33	26°54	6°53	n.a.	M18
T 19	11 36 46	24°20'18	12°42	12°R16	14°29	24°28	27°10	1°44	1°46	8°38	9°41	25°34	26°51	7° 0	n.a.	T 19
W20	11 40 43	25°17'16	24°39	12°16	15°42	25° 3	27°21	1°44	1°50	8°41	9°40	25°35	26°48	7° 7	n.a.	W20
T 21	11 44 40	26°14'13	6♐31	12°11	16°55	25°38	27°31	1°43	1°53	8°43	9°40	25°37	26°44	7°13	n.a.	T 21
F 22	11 48 36	27°11'11	18°22	12° 2	18° 8	26°14	27°42	1°43	1°56	8°45	9°40	25°38	26°41	7°20	n.a.	F 22
S 23	11 52 33	28° 8'09	0♑16	11°49	19°21	26°49	27°52	1°42	1°59	8°47	9°D40	25°R38	26°38	7°27	n.a.	S 23
S 24	11 56 29	29° 5'08	12°20	11°32	20°34	27°24	28° 2	1°41	2° 2	8°49	9°40	25°38	26°35	7°34	n.a.	S 24
M25	12 0 26	0♈ 2'06	24°37	11°10	21°47	28° 0	28°12	1°40	2° 6	8°52	9°40	25°36	26°32	7°40	n.a.	M25
T 26	12 4 23	0°59'05	7♒11	10°46	23° 0	28°35	28°22	1°39	2° 9	8°54	9°40	25°33	26°28	7°47	n.a.	T 26
W27	12 8 19	1°56'04	20° 6	10°18	24°13	29°11	28°32	1°38	2°12	8°56	9°41	25°30	26°25	7°54	n.a.	W27
T 28	12 12 16	2°53'04	3♓22	9°47	25°26	29°47	28°41	1°37	2°15	8°58	9°41	25°26	26°22	8° 0	n.a.	T 28
F 29	12 16 12	3°50'03	17° 0	9°14	26°39	0♊23	28°51	1°36	2°18	9° 0	9°41	25°23	26°19	8° 7	n.a.	F 29
S 30	12 20 9	4♈47'03	0♈57	8♈39	27♈52	0♊59	29♑ 0	1♐35	2♓21	9♈ 3	9♋41	25♈21	26♈16	8♐14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s 6	12s 8	3s48	2n29	2n38	3s14	0s12	18n15	1n47	23s17	1s20	20s53	0n11	12s15	0s47	1n34	1s51	40n38	16n57	10n25	10n59	24s48		n.a.
S 2	8 44	5 51	2 53	2 59	2 37	2 42	0 9	18 25	1 46	23 15	1 21	20 53	0 11	12 14	0 47	1 35	1 51	40 37	16 56	10 23	10 58	24 50		n.a.
S 3	8 22	0n48	1 46	3 26	2 36	2 10	0 7	18 35	1 46	23 13	1 21	20 54	0 11	12 12	0 47	1 36	1 51	40 37	16 56	10 22	10 57	24 52		n.a.
M 4	8 0	7 30	0 33	3 51	2 35	1 38	0 5	18 44	1 46	23 11	1 21	20 54	0 11	12 11	0 47	1 37	1 51	40 37	16 55	10 21	10 56	24 54		n.a.
T 5	7 38	13 54	0n43	4 14	2 32	1 6	0 2	18 54	1 45	23 9	1 21	20 54	0 11	12 10	0 47	1 38	1 51	40 36	16 55	10 21	10 54	24 56		n.a.
W 6	7 15	19 36	1 57	4 34	2 28	0 33	0n 0	19 4	1 45	23 7	1 21	20 55	0 11	12 9	0 47	1 39	1 51	40 36	16 54	10 21	10 53	24 58		n.a.
T 7	6 53	24 14	3 4	4 53	2 24	0 1	0 3	19 13	1 45	23 5	1 22	20 55	0 10	12 7	0 47	1 39	1 51	40 35	16 54	10 22	10 52	24 59		n.a.
F 8	6 31	27 23	3 59	5 9	2 19	0n31	0 5	19 23	1 44	23 3	1 22	20 55	0 10	12 6	0 47	1 40	1 51	40 35	16 53	10 22	10 51	25 1		n.a.
S 9	6 8	28 47	4 40	5 23	2 13	1 3	0 8	19 32	1 44	23 1	1 22	20 55	0 10	12 5	0 47	1 41	1 51	40 35	16 53	10 21	10 50	25 3		n.a.
S 10	5 45	28 18	5 4	5 34	2 7	1 35	0 10	19 42	1 44	22 59	1 22	20 55	0 10	12 4	0 47	1 42	1 51	40 34	16 53	10 20	10 49	25 5		n.a.
M11	5 23	26 1	5 9	5 43	1 59	2 8	0 13	19 51	1 43	22 57	1 23	20 56	0 10	12 2	0 47	1 43	1 51	40 34	16 52	10 19	10 47	25 7		n.a.
T 12	5 0	22 13	4 57	5 50	1 51	2 40	0 16	20 0	1 43	22 55	1 23	20 56	0 10	12 1	0 47	1 44	1 51	40 33	16 52	10 17	10 46	25 9		n.a.
W13	4 37	17 17	4 27	5 54	1 42	3 12	0 18	20 9	1 42	22 53	1 23	20 56	0 10	12 0	0 47	1 45	1 51	40 33	16 51	10 15	10 45	25 11		n.a.
T 14	4 14	11 35	3 44	5 56	1 32	3 44	0 21	20 18	1 42	22 51	1 23	20 56	0 10	11 59	0 47	1 46	1 51	40 32	16 51	10 12	10 44	25 13		n.a.
F 15	3 51	5 30	2 49	5 55	1 21	4 16	0 23	20 27	1 42	22 49	1 24	20 56	0 10	11 58	0 47	1 46	1 51	40 32	16 50	10 11	10 43	25 15		n.a.
S 16	3 28	0s42	1 46	5 52	1 9	4 48	0 26	20 36	1 41	22 48	1 24	20 56	0 10	11 56	0 47	1 47	1 51	40 31	16 50	10 10	10 42	25 17		n.a.
S 17	3 5	6 45	0 40	5 46	0 57	5 19	0 28	20 45	1 41	22 46	1 24	20 56	0 10	11 55	0 47	1 48	1 51	40 31	16 49	10 9	10 40	25 18		n.a.
M18	2 42	12 26	0s28	5 37	0 44	5 51	0 31	20 54	1 41	22 44	1 24	20 56	0 10	11 54	0 47	1 49	1 51	40 31	16 49	10 9	10 39	25 20		n.a.
T 19	2 19	17 33	1 32	5 27	0 30	6 22	0 33	21 2	1 40	22 42	1 25	20 56	0 10	11 53	0 47	1 50	1 51	40 30	16 48	10 9	10 38	25 22		n.a.
W20	1 55	21 56	2 33	5 13	0 16	6 54	0 36	21 11	1 40	22 40	1 25	20 56	0 9	11 52	0 47	1 51	1 51	40 30	16 48	10 10	10 37	25 24		n.a.
T 21	1 32	25 23	3 26	4 58	0 1	7 25	0 38	21 19	1 40	22 38	1 25	20 56	0 9	11 50	0 47	1 52	1 51	40 29	16 47	10 11	10 36	25 26		n.a.
F 22	1 9	27 44	4 10	4 40	0s14	7 56	0 41	21 28	1 39	22 36	1 25	20 56	0 9	11 49	0 47	1 53	1 51	40 29	16 47	10 11	10 34	25 28		n.a.
S 23	0 46	28 51	4 44	4 21	0 30	8 27	0 43	21 36	1 39	22 34	1 26	20 56	0 9	11 48	0 47	1 54	1 51	40 28	16 46	10 11	10 33	25 29		n.a.
S 24	0 22	28 36	5 5	3 59	0 46	8 57	0 45	21 44	1 38	22 32	1 26	20 56	0 9	11 47	0 47	1 55	1 51	40 28	16 46	10 11	10 32	25 31		n.a.
M25	0n 1	26 57	5 14	3 36	1 2	9 28	0 48	21 52	1 38	22 31	1 26	20 56	0 9	11 46	0 47	1 55	1 50	40 27	16 45	10 10	10 31	25 33		n.a.
T 26	0 24	23 56	5 7	3 11	1 18	9 58	0 50	22 0	1 38	22 29	1 26	20 56	0 9	11 44	0 47	1 56	1 50	40 27	16 45	10 9	10 30	25 35		n.a.
W27	0 47	19 41	4 46	2 45	1 34	10 28	0 52	22 7	1 37	22 27	1 27	20 56	0 9	11 43	0 47	1 57	1 50	40 26	16 44	10 8	10 29	25 37		n.a.
T 28	1 11	14 23	4 8	2 18	1 50	10 57	0 55	22 15	1 37	22 25	1 27	20 56	0 9	11 42	0 47	1 58	1 50	40 26	16 44	10 7	10 27	25 38		n.a.
F 29	1 34	8 16	3 16	1 51	2 5	11 27	0 57	22 23	1 36	22 23	1 27	20 55	0 9	11 41	0 48	1 59	1 50	40 25	16 43	10 5	10 26	25 40		n.a.
S 30	1n57	1s35	2s10	1n23	2s20	11n56	0n59	22n30	1n36	22s22	1s27	20s55	0n 9	11s40	0s48	2n 0	1s50	40n25	16n43	10n 5	10n25	25s42		n.a.

Julian Day Number = 189654.5, Delta T = 32h30m25s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'11, Lahiri = -61°34'10 Julian Calendar 1 Apr. 4194 BCE == Greg. Calendar 27 Feb. 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

MAY 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 24 5	5♈44'04	15♈11	8°R 3	29♈ 5	1♊35	29♋10	1°R33	2♓24	9♈ 5	9♋41	25°R20	26♈13	8♐20	n.a.	S 1
M 2	12 28 2	6°41'04	29°37	7♈26	0♉18	2°11	29°19	1♐31	2°27	9° 7	9°42	25°D20	26° 9	8°27	n.a.	M 2
T 3	12 31 59	7°38'05	14♉ 9	6°50	1°31	2°47	29°28	1°30	2°30	9° 9	9°42	25♈20	26° 6	8°34	n.a.	T 3
W 4	12 35 55	8°35'06	28°41	6°14	2°44	3°23	29°37	1°28	2°33	9°12	9°42	25°21	26° 3	8°40	n.a.	W 4
T 5	12 39 52	9°32'07	13♊10	5°39	3°57	4° 0	29°46	1°26	2°36	9°14	9°43	25°23	26° 0	8°47	n.a.	T 5
F 6	12 43 48	10°29'09	27°30	5° 6	5°10	4°36	29°55	1°24	2°39	9°16	9°43	25°23	25°57	8°54	n.a.	F 6
S 7	12 47 45	11°26'10	11♋40	4°36	6°23	5°13	0♒ 3	1°22	2°42	9°18	9°43	25°R24	25°53	9° 0	n.a.	S 7
S 8	12 51 41	12°23'12	25°37	4° 9	7°36	5°49	0°12	1°20	2°45	9°21	9°44	25°23	25°50	9° 7	n.a.	S 8
M 9	12 55 38	13°20'14	9♌20	3°45	8°48	6°26	0°20	1°18	2°48	9°23	9°44	25°23	25°47	9°14	n.a.	M 9
T 10	12 59 35	14°17'16	22°49	3°25	10° 1	7° 3	0°28	1°16	2°51	9°25	9°45	25°21	25°44	9°20	n.a.	T 10
W11	13 3 31	15°14'19	6♍ 4	3°10	11°14	7°39	0°36	1°13	2°53	9°27	9°46	25°20	25°41	9°27	n.a.	W11
T 12	13 7 28	16°11'22	19° 4	2°59	12°27	8°16	0°44	1°11	2°56	9°29	9°46	25°19	25°38	9°34	n.a.	T 12
F 13	13 11 24	17° 8'25	1♎50	2°53	13°39	8°53	0°52	1° 8	2°59	9°32	9°47	25°18	25°34	9°40	n.a.	F 13
S 14	13 15 21	18° 5'29	14°23	2°D52	14°52	9°30	1° 0	1° 6	3° 2	9°34	9°47	25°17	25°31	9°47	n.a.	S 14
S 15	13 19 17	19° 2'34	26°44	2°57	16° 5	10° 7	1° 7	1° 3	3° 4	9°36	9°48	25°D17	25°28	9°54	n.a.	S 15
M16	13 23 14	19°59'40	8♏54	3° 7	17°17	10°44	1°14	1° 0	3° 7	9°38	9°49	25°17	25°25	10° 1	n.a.	M16
T 17	13 27 11	20°56'47	20°55	3°23	18°30	11°22	1°22	0°57	3° 9	9°40	9°50	25°18	25°22	10° 7	n.a.	T 17
W18	13 31 7	21°53'54	2♐49	3°44	19°43	11°59	1°29	0°54	3°12	9°43	9°50	25°18	25°19	10°14	n.a.	W18
T 19	13 35 4	22°51'03	14°40	4°11	20°55	12°36	1°36	0°51	3°15	9°45	9°51	25°18	25°15	10°21	n.a.	T 19
F 20	13 39 0	23°48'13	26°31	4°44	22° 8	13°14	1°42	0°48	3°17	9°47	9°52	25°19	25°12	10°27	n.a.	F 20
S 21	13 42 57	24°45'24	8♑25	5°22	23°20	13°51	1°49	0°45	3°20	9°49	9°53	25°19	25° 9	10°34	n.a.	S 21
S 22	13 46 54	25°42'36	20°28	6° 6	24°33	14°29	1°56	0°42	3°22	9°51	9°54	25°19	25° 6	10°41	n.a.	S 22
M23	13 50 50	26°39'50	2♒43	6°56	25°45	15° 7	2° 2	0°38	3°24	9°54	9°55	25°19	25° 3	10°47	n.a.	M23
T 24	13 54 47	27°37'05	15°16	7°50	26°58	15°45	2° 8	0°35	3°27	9°56	9°56	25°19	24°59	10°54	n.a.	T 24
W25	13 58 43	28°34'21	28° 9	8°51	28°10	16°22	2°14	0°31	3°29	9°58	9°57	25°19	24°56	11° 1	n.a.	W25
T 26	14 2 40	29°31'38	11♓26	9°56	29°23	17° 0	2°20	0°28	3°31	10° 0	9°58	25°19	24°53	11° 7	n.a.	T 26
F 27	14 6 36	0♉28'57	25° 9	11° 7	0♊35	17°38	2°26	0°24	3°34	10° 2	9°59	25°20	24°50	11°14	n.a.	F 27
S 28	14 10 33	1°26'17	9♈16	12°23	1°48	18°16	2°31	0°21	3°36	10° 4	10° 0	25°20	24°47	11°21	n.a.	S 28
S 29	14 14 30	2°23'38	23°45	13°43	3° 0	18°55	2°37	0°17	3°38	10° 6	10° 1	25°R21	24°44	11°27	n.a.	S 29
M30	14 18 26	3°21'01	8♉30	15° 9	4°12	19°33	2°42	0°13	3°40	10° 8	10° 2	25°20	24°40	11°34	n.a.	M30
T 31	14 22 23	4♉18'25	23♉26	16♈39	5♊25	20♊11	2♒47	0♐ 9	3♓42	10♈11	10♋ 4	25♈20	24♈37	11♐41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	2n20	5n18	0s56	0n56	2s34	12n25	1n 2	22n37	1n36	22s20	1s28	20s55	0n 9	11s39	0s48	2n 1	1s50	40n24	16n42	10n 4	10n24	25s44			n.a.
M 2	2 44	12 1	0n24	0 29	2 48	12 53	1 4	22 44	1 35	22 18	1 28	20 55	0 8	11 38	0 48	2 2	1 50	40 23	16 42	10 4	10 23	25 45			n.a.
T 3	3 7	18 9	1 42	0 3	3 0	13 22	1 6	22 51	1 35	22 17	1 28	20 55	0 8	11 37	0 48	2 3	1 50	40 23	16 41	10 4	10 21	25 47			n.a.
W 4	3 30	23 15	2 54	0s22	3 11	13 50	1 8	22 58	1 35	22 15	1 29	20 54	0 8	11 36	0 48	2 4	1 50	40 22	16 41	10 5	10 20	25 49			n.a.
T 5	3 53	26 54	3 54	0 45	3 21	14 17	1 10	23 5	1 34	22 13	1 29	20 54	0 8	11 35	0 48	2 5	1 50	40 22	16 40	10 5	10 19	25 51			n.a.
F 6	4 16	28 45	4 39	1 7	3 30	14 44	1 12	23 12	1 34	22 12	1 29	20 54	0 8	11 33	0 48	2 5	1 50	40 21	16 40	10 5	10 18	25 52			n.a.
S 7	4 39	28 41	5 7	1 26	3 37	15 11	1 14	23 18	1 33	22 10	1 29	20 53	0 8	11 32	0 48	2 6	1 50	40 21	16 39	10 6	10 17	25 54			n.a.
S 8	5 2	26 47	5 16	1 42	3 43	15 38	1 16	23 25	1 33	22 8	1 30	20 53	0 8	11 31	0 48	2 7	1 50	40 20	16 39	10 5	10 16	25 56			n.a.
M 9	5 25	23 20	5 7	1 56	3 48	16 4	1 18	23 31	1 32	22 7	1 30	20 53	0 8	11 30	0 48	2 8	1 50	40 20	16 38	10 5	10 14	25 58			n.a.
T 10	5 47	18 42	4 41	2 7	3 51	16 30	1 20	23 37	1 32	22 5	1 30	20 52	0 8	11 29	0 48	2 9	1 50	40 19	16 38	10 5	10 13	25 59			n.a.
W11	6 10	13 14	4 0	2 15	3 53	16 55	1 22	23 43	1 32	22 4	1 31	20 52	0 8	11 28	0 48	2 10	1 50	40 19	16 37	10 4	10 12	26 1			n.a.
T 12	6 32	7 18	3 7	2 20	3 54	17 20	1 23	23 48	1 31	22 2	1 31	20 51	0 8	11 27	0 48	2 11	1 50	40 18	16 37	10 4	10 11	26 3			n.a.
F 13	6 55	1 10	2 6	2 22	3 53	17 44	1 25	23 54	1 31	22 1	1 31	20 51	0 7	11 26	0 48	2 12	1 50	40 18	16 36	10 3	10 10	26 4			n.a.
S 14	7 17	4s55	1 0	2 20	3 51	18 8	1 27	24 0	1 30	22 0	1 32	20 50	0 7	11 25	0 48	2 13	1 50	40 17	16 36	10 3	10 8	26 6			n.a.
S 15	7 40	10 43	0s 8	2 15	3 48	18 31	1 28	24 5	1 30	21 58	1 32	20 50	0 7	11 24	0 48	2 14	1 50	40 16	16 35	10 3	10 7	26 8			n.a.
M16	8 2	16 3	1 15	2 7	3 43	18 54	1 30	24 10	1 30	21 57	1 32	20 49	0 7	11 23	0 48	2 14	1 50	40 16	16 35	10 3	10 6	26 9			n.a.
T 17	8 24	20 42	2 17	1 56	3 38	19 17	1 31	24 15	1 29	21 55	1 33	20 49	0 7	11 22	0 48	2 15	1 50	40 15	16 34	10 3	10 5	26 11			n.a.
W18	8 46	24 28	3 13	1 41	3 31	19 39	1 33	24 20	1 29	21 54	1 33	20 48	0 7	11 22	0 48	2 16	1 50	40 15	16 34	10 3	10 4	26 13			n.a.
T 19	9 8	27 12	4 1	1 23	3 24	20 0	1 34	24 25	1 28	21 53	1 33	20 48	0 7	11 21	0 48	2 17	1 50	40 14	16 33	10 4	10 2	26 14			n.a.
F 20	9 29	28 42	4 38	1 2	3 15	20 21	1 36	24 29	1 28	21 52	1 34	20 47	0 7	11 20	0 48	2 18	1 50	40 14	16 33	10 4	10 1	26 16			n.a.
S 21	9 51	28 53	5 3	0 39	3 6	20 42	1 37	24 33	1 27	21 50	1 34	20 47	0 7	11 19	0 48	2 19	1 50	40 13	16 32	10 4	10 0	26 18			n.a.
S 22	10 13	27 42	5 16	0 12	2 56	21 1	1 38	24 38	1 27	21 49	1 34	20 46	0 7	11 18	0 48	2 20	1 50	40 13	16 32	10 4	9 59	26 19			n.a.
M23	10 34	25 12	5 14	0n18	2 46	21 21	1 39	24 42	1 26	21 48	1 35	20 45	0 7	11 17	0 48	2 21	1 50	40 12	16 31	10 4	9 58	26 21			n.a.
T 24	10 55	21 26	4 58	0 50	2 35	21 39	1 40	24 45	1 26	21 47	1 35	20 45	0 6	11 16	0 48	2 21	1 50	40 11	16 31	10 4	9 56	26 22			n.a.
W25	11 16	16 36	4 27	1 25	2 23	21 57	1 41	24 49	1 26	21 46	1 35	20 44	0 6	11 15	0 48	2 22	1 50	40 11	16 30	10 4	9 55	26 24			n.a.
T 26	11 37	10 51	3 40	2 2	2 11	22 15	1 42	24 53	1 25	21 45	1 36	20 43	0 6	11 15	0 48	2 23	1 50	40 10	16 30	10 4	9 54	26 26			n.a.
F 27	11 58	4 25	2 40	2 42	1 59	22 32	1 43	24 56	1 25	21 44	1 36	20 43	0 6	11 14	0 48	2 24	1 50	40 10	16 29	10 4	9 53	26 27			n.a.
S 28	12 18	2n26	1 28	3 24	1 47	22 48	1 44	24 59	1 24	21 43	1 36	20 42	0 6	11 13	0 48	2 25	1 50	40 9	16 29	10 4	9 52	26 29			n.a.
S 29	12 39	9 20	0 9	4 8	1 34	23 3	1 44	25 2	1 24	21 42	1 37	20 41	0 6	11 12	0 48	2 26	1 50	40 9	16 28	10 4	9 50	26 30			n.a.
M30	12 59	15 53	1n12	4 53	1 21	23 18	1 45	25 5	1 23	21 41	1 37	20 41	0 6	11 11	0 48	2 26	1 50	40 8	16 28	10 4	9 49	26 32			n.a.
T 31	13n19	21n34	2n29	5n41	1s 8	23n32	1n46	25n 7	1n23	21s40	1s37	20s40	0n 6	11s11	0s48	2n27	1s50	40n 8	16n28	10n 4	9n48	26s34			n.a.

Julian Day Number = 189684.5, Delta T = 32h30m22s
Ecliptic obliquity = 24°07'08, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'07, Lahiri = -61°34'06 Julian Calendar 1 May 4194 BCE == Greg. Calendar 29 March 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

JUNE 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 26 19	5♉15'50	8♊23	18♈13	6♊37	20♊49	2♒52	0°R 5	3♓44	10♈13	10♋ 5	25°R19	24♈34	11♐48	n.a.	W 1
T 2	14 30 16	6°13'17	23°13	19°51	7°49	21°28	2°56	0♐ 1	3°46	10°15	10° 6	25♈18	24°31	11°54	n.a.	T 2
F 3	14 34 12	7°10'45	7♋51	21°34	9° 2	22° 6	3° 1	29♏57	3°48	10°17	10° 7	25°16	24°28	12° 1	n.a.	F 3
S 4	14 38 9	8° 8'13	22°10	23°19	10°14	22°45	3° 5	29°53	3°50	10°19	10° 9	25°15	24°25	12° 8	n.a.	S 4
S 5	14 42 6	9° 5'43	6♌ 9	25° 8	11°26	23°24	3° 9	29°49	3°52	10°21	10°10	25°D15	24°21	12°14	n.a.	S 5
M 6	14 46 2	10° 3'14	19°46	27° 0	12°38	24° 2	3°13	29°45	3°54	10°23	10°11	25°15	24°18	12°21	n.a.	M 6
T 7	14 49 59	11° 0'46	3♍ 3	28°55	13°50	24°41	3°17	29°41	3°56	10°25	10°13	25°16	24°15	12°28	n.a.	T 7
W 8	14 53 55	11°58'19	16° 1	0♉51	15° 2	25°20	3°21	29°36	3°58	10°27	10°14	25°17	24°12	12°34	n.a.	W 8
T 9	14 57 52	12°55'54	28°43	2°50	16°14	25°59	3°24	29°32	3°59	10°29	10°15	25°19	24° 9	12°41	n.a.	T 9
F 10	15 1 48	13°53'30	11♎11	4°50	17°26	26°38	3°27	29°28	4° 1	10°31	10°17	25°20	24° 5	12°48	n.a.	F 10
S 11	15 5 45	14°51'07	23°27	6°50	18°38	27°17	3°30	29°23	4° 3	10°33	10°18	25°R20	24° 2	12°54	n.a.	S 11
S 12	15 9 42	15°48'46	5♏35	8°52	19°50	27°56	3°33	29°19	4° 4	10°34	10°20	25°20	23°59	13° 1	n.a.	S 12
M13	15 13 38	16°46'26	17°35	10°54	21° 2	28°35	3°36	29°15	4° 6	10°36	10°22	25°18	23°56	13° 8	n.a.	M13
T 14	15 17 35	17°44'09	29°30	12°56	22°14	29°15	3°39	29°10	4° 7	10°38	10°23	25°16	23°53	13°15	n.a.	T 14
W15	15 21 31	18°41'53	11♐21	14°58	23°26	29°54	3°41	29° 6	4° 9	10°40	10°25	25°13	23°50	13°21	n.a.	W15
T 16	15 25 28	19°39'38	23°11	17° 0	24°38	0♋33	3°43	29° 1	4°10	10°42	10°26	25° 9	23°46	13°28	n.a.	T 16
F 17	15 29 24	20°37'26	5♑ 3	19° 2	25°50	1°13	3°45	28°57	4°11	10°44	10°28	25° 4	23°43	13°35	n.a.	F 17
S 18	15 33 21	21°35'16	16°58	21° 2	27° 1	1°52	3°47	28°52	4°13	10°45	10°30	25° 1	23°40	13°41	n.a.	S 18
S 19	15 37 18	22°33'07	29° 1	23° 2	28°13	2°32	3°48	28°48	4°14	10°47	10°31	24°57	23°37	13°48	n.a.	S 19
M20	15 41 14	23°31'01	11♒15	25° 1	29°25	3°12	3°50	28°43	4°15	10°49	10°33	24°55	23°34	13°55	n.a.	M20
T 21	15 45 11	24°28'57	23°44	26°59	0♋36	3°52	3°51	28°38	4°16	10°51	10°35	24°D55	23°30	14° 1	n.a.	T 21
W22	15 49 7	25°26'54	6♓32	28°55	1°48	4°31	3°52	28°34	4°18	10°52	10°36	24°55	23°27	14° 8	n.a.	W22
T 23	15 53 4	26°24'54	19°44	0♊51	2°59	5°11	3°53	28°29	4°19	10°54	10°38	24°56	23°24	14°15	n.a.	T 23
F 24	15 57 0	27°22'56	3♈21	2°45	4°11	5°51	3°53	28°25	4°20	10°56	10°40	24°58	23°21	14°21	n.a.	F 24
S 25	16 0 57	28°21'01	17°25	4°38	5°22	6°31	3°54	28°20	4°21	10°57	10°42	24°59	23°18	14°28	n.a.	S 25
S 26	16 4 53	29°19'07	1♉56	6°30	6°34	7°11	3°R54	28°15	4°22	10°59	10°44	24°R59	23°15	14°35	n.a.	S 26
M27	16 8 50	0♊17'16	16°49	8°21	7°45	7°52	3°54	28°11	4°22	11° 1	10°46	24°58	23°11	14°42	n.a.	M27
T 28	16 12 47	1°15'26	1♊57	10°10	8°56	8°32	3°54	28° 6	4°23	11° 2	10°48	24°54	23° 8	14°48	n.a.	T 28
W29	16 16 43	2°13'39	17°12	11°59	10° 8	9°12	3°53	28° 1	4°24	11° 4	10°49	24°50	23° 5	14°55	n.a.	W29
T 30	16 20 40	3♊11'54	2♋21	13♊45	11♋19	9♋53	3♒53	27♏57	4♓25	11♈ 5	10♋51	24♈44	23♈ 2	15♐ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n39	25n53	3n36	6n30	0s55	23n46	1n46	25n10	1n22	21s39	1s38	20s39	0n 6	11s10	0s48	2n28	1s51	40n 7	16n27	10n 4	9n47	26s35		n.a.
T 2	13 58	28 24	4 28	7 20	0 42	23 59	1 46	25 12	1 22	21 39	1 38	20 38	0 6	11 9	0 48	2 29	1 51	40 6	16 27	10 3	9 46	26 37		n.a.
F 3	14 18	28 54	5 2	8 11	0 30	24 11	1 47	25 14	1 21	21 38	1 38	20 38	0 5	11 8	0 48	2 30	1 51	40 6	16 26	10 3	9 44	26 38		n.a.
S 4	14 37	27 25	5 16	9 3	0 17	24 23	1 47	25 16	1 21	21 37	1 39	20 37	0 5	11 8	0 48	2 30	1 51	40 5	16 26	10 2	9 43	26 40		n.a.
S 5	14 56	24 16	5 10	9 55	0 5	24 33	1 47	25 17	1 21	21 37	1 39	20 36	0 5	11 7	0 48	2 31	1 51	40 5	16 25	10 2	9 42	26 41		n.a.
M 6	15 15	19 50	4 48	10 48	0n 7	24 43	1 47	25 19	1 20	21 36	1 39	20 35	0 5	11 6	0 49	2 32	1 51	40 4	16 25	10 2	9 41	26 43		n.a.
T 7	15 33	14 32	4 10	11 40	0 18	24 53	1 47	25 20	1 20	21 35	1 40	20 34	0 5	11 6	0 49	2 33	1 51	40 4	16 25	10 3	9 40	26 44		n.a.
W 8	15 51	8 44	3 20	12 32	0 29	25 1	1 47	25 21	1 19	21 35	1 40	20 33	0 5	11 5	0 49	2 34	1 51	40 3	16 24	10 3	9 38	26 46		n.a.
T 9	16 10	2 41	2 22	13 24	0 39	25 9	1 47	25 22	1 19	21 34	1 41	20 33	0 5	11 5	0 49	2 34	1 51	40 3	16 24	10 4	9 37	26 47		n.a.
F 10	16 27	3s22	1 17	14 15	0 48	25 16	1 47	25 23	1 18	21 34	1 41	20 32	0 5	11 4	0 49	2 35	1 51	40 2	16 23	10 4	9 36	26 49		n.a.
S 11	16 45	9 12	0 10	15 5	0 57	25 23	1 46	25 23	1 18	21 34	1 41	20 31	0 5	11 3	0 49	2 36	1 51	40 2	16 23	10 4	9 35	26 50		n.a.
S 12	17 2	14 38	0s56	15 53	1 5	25 29	1 46	25 23	1 17	21 33	1 42	20 30	0 5	11 3	0 49	2 37	1 51	40 1	16 23	10 4	9 34	26 52		n.a.
M13	17 19	19 28	1 59	16 40	1 13	25 33	1 45	25 23	1 17	21 33	1 42	20 29	0 4	11 2	0 49	2 37	1 51	40 0	16 22	10 4	9 32	26 53		n.a.
T 14	17 36	23 29	2 57	17 25	1 19	25 38	1 45	25 23	1 16	21 33	1 42	20 28	0 4	11 2	0 49	2 38	1 51	40 0	16 22	10 3	9 31	26 55		n.a.
W15	17 52	26 31	3 46	18 9	1 26	25 41	1 44	25 23	1 16	21 32	1 43	20 27	0 4	11 1	0 49	2 39	1 51	39 59	16 21	10 1	9 30	26 56		n.a.
T 16	18 9	28 22	4 26	18 50	1 31	25 44	1 43	25 22	1 15	21 32	1 43	20 26	0 4	11 1	0 49	2 39	1 51	39 59	16 21	10 0	9 29	26 57		n.a.
F 17	18 25	28 55	4 54	19 30	1 36	25 45	1 42	25 21	1 15	21 32	1 44	20 26	0 4	11 0	0 49	2 40	1 51	39 58	16 21	9 58	9 28	26 59		n.a.
S 18	18 40	28 8	5 10	20 7	1 40	25 46	1 41	25 20	1 14	21 32	1 44	20 25	0 4	11 0	0 49	2 41	1 51	39 58	16 20	9 57	9 26	27 0		n.a.
S 19	18 56	26 1	5 12	20 43	1 43	25 47	1 40	25 19	1 14	21 32	1 44	20 24	0 4	10 59	0 49	2 42	1 51	39 57	16 20	9 56	9 25	27 2		n.a.
M20	19 11	22 41	5 0	21 16	1 45	25 46	1 39	25 18	1 13	21 32	1 45	20 23	0 4	10 59	0 49	2 42	1 51	39 57	16 20	9 55	9 24	27 3		n.a.
T 21	19 25	18 17	4 34	21 47	1 48	25 45	1 38	25 16	1 13	21 32	1 45	20 22	0 4	10 59	0 49	2 43	1 51	39 56	16 19	9 55	9 23	27 5		n.a.
W22	19 40	12 58	3 54	22 15	1 49	25 43	1 37	25 14	1 12	21 32	1 45	20 21	0 4	10 58	0 49	2 44	1 51	39 56	16 19	9 55	9 22	27 6		n.a.
T 23	19 54	6 56	3 1	22 42	1 50	25 40	1 35	25 12	1 12	21 33	1 46	20 20	0 3	10 58	0 49	2 44	1 51	39 55	16 19	9 55	9 20	27 7		n.a.
F 24	20 8	0 23	1 55	23 6	1 50	25 37	1 34	25 10	1 11	21 33	1 46	20 19	0 3	10 57	0 49	2 45	1 51	39 55	16 18	9 56	9 19	27 9		n.a.
S 25	20 21	6n24	0 41	23 28	1 50	25 33	1 32	25 8	1 11	21 33	1 47	20 18	0 3	10 57	0 49	2 45	1 51	39 54	16 18	9 56	9 18	27 10		n.a.
S 26	20 34	13 4	0n38	23 48	1 49	25 28	1 31	25 5	1 10	21 33	1 47	20 17	0 3	10 57	0 49	2 46	1 51	39 54	16 18	9 56	9 17	27 11		n.a.
M27	20 47	19 11	1 56	24 5	1 48	25 22	1 29	25 2	1 9	21 34	1 47	20 16	0 3	10 56	0 49	2 47	1 51	39 53	16 17	9 56	9 16	27 13		n.a.
T 28	21 0	24 12	3 7	24 21	1 46	25 15	1 27	24 59	1 9	21 34	1 48	20 15	0 3	10 56	0 49	2 47	1 51	39 53	16 17	9 55	9 14	27 14		n.a.
W29	21 12	27 34	4 6	24 35	1 44	25 8	1 25	24 56	1 8	21 35	1 48	20 14	0 3	10 56	0 49	2 48	1 51	39 52	16 17	9 53	9 13	27 16		n.a.
T 30	21n23	28n52	4n47	24n46	1n41	25n 0	1n23	24n52	1n 8	21s35	1s48	20s13	0n 3	10s56	0s49	2n48	1s51	39n52	16n16	9n51	9n12	27s17		n.a.

Julian Day Number = 189715.5, Delta T = 32h30m18s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°41'03, Lahiri = -61°34'02 Julian Calendar 1 June 4194 BCE == Greg. Calendar 29 Apr. 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

JULY 4194 BCE (-4193) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 24 36	4♊10'10	17♋17	15♊31	12♋30	10♋33	3°R52	27°R52	4♓25	11♈ 7	10♋53	24°R39	22♈59	15♐ 8	n.a.	F 1
S 2	16 28 33	5° 8'29	1♌51	17°16	13°41	11°14	3♒51	27♏48	4°26	11° 8	10°55	24♈34	22°56	15°15	n.a.	S 2
S 3	16 32 29	6° 6'49	15°59	18°59	14°52	11°54	3°49	27°43	4°27	11°10	10°57	24°30	22°52	15°22	n.a.	S 3
M 4	16 36 26	7° 5'11	29°39	20°41	16° 3	12°35	3°48	27°39	4°27	11°11	10°59	24°28	22°49	15°28	n.a.	M 4
T 5	16 40 22	8° 3'34	12♍53	22°22	17°14	13°15	3°46	27°34	4°28	11°13	11° 1	24°D28	22°46	15°35	n.a.	T 5
W 6	16 44 19	9° 2'00	25°44	24° 1	18°25	13°56	3°45	27°30	4°28	11°14	11° 3	24°29	22°43	15°42	n.a.	W 6
T 7	16 48 15	10° 0'27	8♎16	25°40	19°36	14°37	3°43	27°25	4°28	11°15	11° 5	24°31	22°40	15°49	n.a.	T 7
F 8	16 52 12	10°58'56	20°32	27°17	20°47	15°18	3°40	27°21	4°29	11°17	11° 7	24°R32	22°36	15°55	n.a.	F 8
S 9	16 56 9	11°57'28	2♏37	28°53	21°57	15°59	3°38	27°16	4°29	11°18	11° 9	24°31	22°33	16° 2	n.a.	S 9
S 10	17 0 5	12°56'01	14°35	0♋28	23° 8	16°40	3°35	27°12	4°29	11°19	11°12	24°29	22°30	16° 9	n.a.	S 10
M11	17 4 2	13°54'36	26°28	2° 2	24°18	17°21	3°33	27° 8	4°29	11°21	11°14	24°25	22°27	16°15	n.a.	M11
T 12	17 7 58	14°53'14	8♐19	3°35	25°29	18° 2	3°30	27° 3	4°30	11°22	11°16	24°18	22°24	16°22	n.a.	T 12
W13	17 11 55	15°51'53	20°10	5° 7	26°39	18°44	3°27	26°59	4°30	11°23	11°18	24° 9	22°21	16°29	n.a.	W13
T 14	17 15 51	16°50'35	2♑ 2	6°37	27°50	19°25	3°23	26°55	4°R30	11°24	11°20	23°59	22°17	16°35	n.a.	T 14
F 15	17 19 48	17°49'19	13°57	8° 7	29° 0	20° 6	3°20	26°51	4°30	11°25	11°22	23°49	22°14	16°42	n.a.	F 15
S 16	17 23 44	18°48'06	25°58	9°35	0♌10	20°48	3°16	26°47	4°30	11°26	11°24	23°39	22°11	16°49	n.a.	S 16
S 17	17 27 41	19°46'55	8♒ 5	11° 2	1°20	21°29	3°12	26°43	4°29	11°27	11°27	23°31	22° 8	16°56	n.a.	S 17
M18	17 31 37	20°45'46	20°21	12°28	2°30	22°11	3° 8	26°39	4°29	11°28	11°29	23°24	22° 5	17° 2	n.a.	M18
T 19	17 35 34	21°44'40	2♓50	13°53	3°40	22°53	3° 4	26°35	4°29	11°29	11°31	23°20	22° 2	17° 9	n.a.	T 19
W20	17 39 31	22°43'36	15°35	15°17	4°50	23°34	2°59	26°31	4°29	11°30	11°33	23°18	21°58	17°16	n.a.	W20
T 21	17 43 27	23°42'35	28°40	16°39	6° 0	24°16	2°55	26°27	4°28	11°31	11°36	23°D18	21°55	17°22	n.a.	T 21
F 22	17 47 24	24°41'37	12♈ 7	18° 0	7°10	24°58	2°50	26°23	4°28	11°32	11°38	23°19	21°52	17°29	n.a.	F 22
S 23	17 51 20	25°40'41	26° 1	19°20	8°19	25°40	2°45	26°19	4°27	11°33	11°40	23°R19	21°49	17°36	n.a.	S 23
S 24	17 55 17	26°39'47	10♉22	20°39	9°29	26°22	2°40	26°16	4°27	11°34	11°42	23°18	21°46	17°42	n.a.	S 24
M25	17 59 13	27°38'57	25° 7	21°56	10°38	27° 4	2°34	26°12	4°26	11°35	11°45	23°14	21°42	17°49	n.a.	M25
T 26	18 3 10	28°38'08	10♊11	23°11	11°48	27°46	2°29	26° 9	4°26	11°36	11°47	23° 8	21°39	17°56	n.a.	T 26
W27	18 7 6	29°37'23	25°27	24°25	12°57	28°28	2°23	26° 5	4°25	11°36	11°49	23° 0	21°36	18° 3	n.a.	W27
T 28	18 11 3	0♋36'39	10♋44	25°37	14° 6	29°10	2°17	26° 2	4°25	11°37	11°51	22°50	21°33	18° 9	n.a.	T 28
F 29	18 14 59	1°35'58	25°49	26°48	15°15	29°53	2°11	25°58	4°24	11°38	11°54	22°40	21°30	18°16	n.a.	F 29
S 30	18 18 56	2°35'19	10♌34	27°57	16°24	0♌35	2° 5	25°55	4°23	11°38	11°56	22°30	21°27	18°23	n.a.	S 30
S 31	18 22 52	3♋34'42	24♌52	29♋ 3	17♌33	1♌17	1♒59	25♏52	4♓22	11♈39	11♋58	22♈23	21♈23	18♐29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n35	28n 2	5n 7	24n56	1n38	24n52	1n21	24n48	1n 7	21s36	1s49	20s12	0n 3	10s55	0s49	2n49	1s51	39n52	16n16	9n49	9n11	27s18		n.a.
S 2	21 46	25 17	5 7	25 3	1 34	24 42	1 19	24 44	1 7	21 36	1 49	20 11	0 2	10 55	0 50	2 50	1 51	39 51	16 16	9 47	9 10	27 20		n.a.
S 3	21 56	21 4	4 48	25 9	1 31	24 32	1 17	24 40	1 6	21 37	1 50	20 10	0 2	10 55	0 50	2 50	1 52	39 51	16 16	9 45	9 8	27 21		n.a.
M 4	22 6	15 51	4 14	25 13	1 27	24 21	1 14	24 36	1 6	21 38	1 50	20 9	0 2	10 55	0 50	2 51	1 52	39 50	16 15	9 45	9 7	27 22		n.a.
T 5	22 16	10 4	3 26	25 15	1 22	24 10	1 12	24 31	1 5	21 38	1 50	20 8	0 2	10 55	0 50	2 51	1 52	39 50	16 15	9 45	9 6	27 23		n.a.
W 6	22 26	4 1	2 29	25 16	1 17	23 57	1 9	24 26	1 5	21 39	1 51	20 7	0 2	10 55	0 50	2 52	1 52	39 49	16 15	9 45	9 5	27 25		n.a.
T 7	22 35	2s 3	1 27	25 15	1 12	23 45	1 7	24 21	1 4	21 40	1 51	20 7	0 2	10 55	0 50	2 52	1 52	39 49	16 15	9 46	9 3	27 26		n.a.
F 8	22 43	7 55	0 22	25 12	1 7	23 31	1 4	24 16	1 3	21 41	1 51	20 6	0 2	10 54	0 50	2 53	1 52	39 48	16 14	9 46	9 2	27 27		n.a.
S 9	22 52	13 24	0s44	25 8	1 1	23 17	1 1	24 10	1 3	21 42	1 52	20 5	0 2	10 54	0 50	2 53	1 52	39 48	16 14	9 46	9 1	27 29		n.a.
S 10	22 59	18 21	1 46	25 2	0 55	23 2	0 59	24 5	1 2	21 43	1 52	20 4	0 2	10 54	0 50	2 54	1 52	39 48	16 14	9 45	9 0	27 30		n.a.
M11	23 7	22 33	2 43	24 55	0 49	22 47	0 56	23 59	1 2	21 44	1 52	20 3	0 2	10 54	0 50	2 54	1 52	39 47	16 14	9 43	8 59	27 31		n.a.
T 12	23 14	25 49	3 33	24 47	0 43	22 30	0 53	23 52	1 1	21 45	1 53	20 2	0 1	10 54	0 50	2 55	1 52	39 47	16 14	9 41	8 57	27 32		n.a.
W13	23 20	27 57	4 13	24 37	0 36	22 14	0 50	23 46	1 1	21 46	1 53	20 1	0 1	10 54	0 50	2 55	1 52	39 46	16 13	9 38	8 56	27 34		n.a.
T 14	23 27	28 49	4 43	24 26	0 29	21 56	0 46	23 39	1 0	21 47	1 53	20 0	0 1	10 54	0 50	2 55	1 52	39 46	16 13	9 34	8 55	27 35		n.a.
F 15	23 32	28 20	5 0	24 14	0 22	21 39	0 43	23 33	0 59	21 48	1 54	19 59	0 1	10 54	0 50	2 56	1 52	39 46	16 13	9 30	8 54	27 36		n.a.
S 16	23 38	26 32	5 4	24 1	0 15	21 20	0 40	23 26	0 59	21 49	1 54	19 58	0 1	10 55	0 50	2 56	1 52	39 45	16 13	9 26	8 53	27 37		n.a.
S 17	23 43	23 30	4 55	23 46	0 8	21 1	0 36	23 18	0 58	21 51	1 54	19 57	0 1	10 55	0 50	2 57	1 52	39 45	16 13	9 23	8 51	27 38		n.a.
M18	23 47	19 24	4 32	23 31	0 0	20 42	0 33	23 11	0 58	21 52	1 55	19 57	0 1	10 55	0 50	2 57	1 52	39 44	16 13	9 20	8 50	27 40		n.a.
T 19	23 51	14 24	3 56	23 15	0s 7	20 21	0 29	23 3	0 57	21 53	1 55	19 56	0 1	10 55	0 50	2 57	1 52	39 44	16 12	9 19	8 49	27 41		n.a.
W20	23 55	8 42	3 7	22 58	0 15	20 1	0 26	22 55	0 57	21 55	1 55	19 55	0 1	10 55	0 50	2 58	1 52	39 44	16 12	9 18	8 48	27 42		n.a.
T 21	23 58	2 29	2 8	22 40	0 23	19 40	0 22	22 47	0 56	21 56	1 56	19 54	0 1	10 55	0 50	2 58	1 52	39 43	16 12	9 18	8 46	27 43		n.a.
F 22	24 0	4n 1	0 59	22 21	0 31	19 18	0 18	22 39	0 55	21 58	1 56	19 53	0 0	10 55	0 50	2 58	1 52	39 43	16 12	9 18	8 45	27 44		n.a.
S 23	24 3	10 33	0n14	22 2	0 39	18 56	0 15	22 31	0 55	21 59	1 56	19 52	0 0	10 56	0 50	2 59	1 52	39 43	16 12	9 18	8 44	27 46		n.a.
S 24	24 4	16 45	1 29	21 42	0 47	18 33	0 11	22 22	0 54	22 1	1 57	19 52	0 0	10 56	0 50	2 59	1 53	39 42	16 12	9 18	8 43	27 47		n.a.
M25	24 6	22 10	2 41	21 22	0 56	18 10	0 7	22 13	0 54	22 2	1 57	19 51	0 0	10 56	0 50	2 59	1 53	39 42	16 12	9 17	8 42	27 48		n.a.
T 26	24 6	26 16	3 42	21 1	1 4	17 47	0 3	22 4	0 53	22 4	1 57	19 50	0 0	10 56	0 50	2 59	1 53	39 42	16 12	9 14	8 40	27 49		n.a.
W27	24 7	28 30	4 28	20 40	1 12	17 23	0s 1	21 54	0 52	22 5	1 57	19 49	0s 0	10 57	0 50	3 0	1 53	39 41	16 12	9 11	8 39	27 50		n.a.
T 28	24 7	28 35	4 55	20 18	1 21	16 59	0 5	21 45	0 52	22 7	1 58	19 49	0 0	10 57	0 51	3 0	1 53	39 41	16 12	9 7	8 38	27 51		n.a.
F 29	24 6	26 31	5 2	19 56	1 29	16 34	0 10	21 35	0 51	22 9	1 58	19 48	0 0	10 57	0 51	3 0	1 53	39 41	16 11	9 3	8 37	27 52		n.a.
S 30	24 5	22 41	4 47	19 34	1 37	16 9	0 14	21 25	0 51	22 10	1 58	19 47	0 0	10 57	0 51	3 0	1 53	39 40	16 11	9 0	8 35	27 53		n.a.
S 31	24n 4	17n35	4n15	19n12	1s46	15n43	0s18	21n15	0n50	22s12	1s58	19s47	0s 0	10s58	0s51	3n 1	1s53	39n40	16n11	8n57	8n34	27s55		n.a.

Julian Day Number = 189745.5, Delta T = 32h30m15s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'59, Lahiri = -61°33'58 Julian Calendar 1 July 4194 BCE == Greg. Calendar 29 May 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

AUGUST 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 26 49	4♋34'07	8♍41	0♌ 8	18♌42	2♌ 0	1°R53	25°R49	4°R21	11♈40	12♋ 1	22°R18	21♈20	18♐36	n.a.	M 1
T 2	18 30 46	5°33'34	21°59	1°10	19°50	2°43	1♒46	25♏46	4♓20	11°40	12° 3	22♈15	21°17	18°43	n.a.	T 2
W 3	18 34 42	6°33'03	4♎51	2° 9	20°59	3°25	1°40	25°43	4°19	11°41	12° 5	22°D14	21°14	18°49	n.a.	W 3
T 4	18 38 39	7°32'34	17°21	3° 6	22° 7	4° 8	1°33	25°40	4°18	11°41	12° 8	22°R15	21°11	18°56	n.a.	T 4
F 5	18 42 35	8°32'07	29°34	4° 0	23°16	4°51	1°26	25°38	4°17	11°42	12°10	22°14	21° 8	19° 3	n.a.	F 5
S 6	18 46 32	9°31'42	11♏34	4°51	24°24	5°33	1°19	25°35	4°16	11°42	12°12	22°13	21° 4	19°10	n.a.	S 6
S 7	18 50 28	10°31'19	23°27	5°38	25°32	6°16	1°12	25°32	4°15	11°43	12°15	22° 9	21° 1	19°16	n.a.	S 7
M 8	18 54 25	11°30'58	5♐17	6°21	26°39	6°59	1° 5	25°30	4°14	11°43	12°17	22° 2	20°58	19°23	n.a.	M 8
T 9	18 58 21	12°30'39	17° 7	7° 0	27°47	7°42	0°57	25°27	4°12	11°43	12°19	21°53	20°55	19°30	n.a.	T 9
W10	19 2 18	13°30'23	29° 0	7°34	28°55	8°25	0°50	25°25	4°11	11°44	12°22	21°41	20°52	19°36	n.a.	W10
T 11	19 6 14	14°30'08	10♑57	8° 3	0♍ 2	9° 8	0°43	25°23	4°10	11°44	12°24	21°27	20°48	19°43	n.a.	T 11
F 12	19 10 11	15°29'56	23° 0	8°26	1° 9	9°52	0°35	25°21	4° 8	11°44	12°26	21°12	20°45	19°50	n.a.	F 12
S 13	19 14 7	16°29'46	5♒10	8°44	2°16	10°35	0°27	25°19	4° 7	11°44	12°29	20°59	20°42	19°56	n.a.	S 13
S 14	19 18 4	17°29'39	17°27	8°54	3°23	11°18	0°20	25°17	4° 5	11°44	12°31	20°46	20°39	20° 3	n.a.	S 14
M15	19 22 0	18°29'34	29°53	8°R58	4°30	12° 1	0°12	25°15	4° 4	11°44	12°33	20°37	20°36	20°10	n.a.	M15
T 16	19 25 57	19°29'31	12♓30	8°54	5°37	12°45	0° 4	25°13	4° 2	11°45	12°36	20°30	20°33	20°17	n.a.	T 16
W17	19 29 54	20°29'30	25°19	8°42	6°43	13°28	29♑56	25°12	4° 1	11°45	12°38	20°26	20°29	20°23	n.a.	W17
T 18	19 33 50	21°29'32	8♈24	8°22	7°49	14°12	29°48	25°10	3°59	11°R45	12°40	20°25	20°26	20°30	n.a.	T 18
F 19	19 37 47	22°29'36	21°47	7°52	8°55	14°56	29°40	25° 9	3°57	11°45	12°43	20°24	20°23	20°37	n.a.	F 19
S 20	19 41 43	23°29'43	5♉31	7°14	10° 1	15°39	29°32	25° 7	3°56	11°45	12°45	20°24	20°20	20°43	n.a.	S 20
S 21	19 45 40	24°29'52	19°36	6°27	11° 7	16°23	29°24	25° 6	3°54	11°44	12°47	20°23	20°17	20°50	n.a.	S 21
M22	19 49 36	25°30'04	4♊ 4	5°32	12°12	17° 7	29°16	25° 5	3°52	11°44	12°49	20°19	20°14	20°57	n.a.	M22
T 23	19 53 33	26°30'18	18°51	4°29	13°18	17°51	29° 8	25° 4	3°50	11°44	12°52	20°12	20°10	21° 4	n.a.	T 23
W24	19 57 29	27°30'35	3♋51	3°20	14°23	18°35	28°59	25° 3	3°48	11°44	12°54	20° 3	20° 7	21°10	n.a.	W24
T 25	20 1 26	28°30'53	18°56	2° 7	15°27	19°19	28°51	25° 2	3°47	11°44	12°56	19°51	20° 4	21°17	n.a.	T 25
F 26	20 5 22	29°31'14	3♌55	0°50	16°32	20° 3	28°43	25° 1	3°45	11°44	12°59	19°40	20° 1	21°24	n.a.	F 26
S 27	20 9 19	0♌31'36	18°39	29♋33	17°36	20°47	28°35	25° 1	3°43	11°43	13° 1	19°29	19°58	21°30	n.a.	S 27
S 28	20 13 15	1°32'01	2♍59	28°18	18°40	21°31	28°27	25° 0	3°41	11°43	13° 3	19°20	19°54	21°37	n.a.	S 28
M29	20 17 12	2°32'27	16°52	27° 7	19°44	22°15	28°19	25° 0	3°39	11°43	13° 5	19°13	19°51	21°44	n.a.	M29
T 30	20 21 8	3°32'55	0♎17	26° 2	20°48	22°59	28°11	25° 0	3°37	11°42	13° 8	19°10	19°48	21°51	n.a.	T 30
W31	20 25 5	4♌33'24	13♎14	25♋ 6	21♍51	23♌44	28♑ 3	25♏ 0	3♓34	11♈42	13♋10	19♈ 8	19♈45	21♐57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	24n 2	11n46	3n29	18n51	1s54	15n17	0s23	21n 5	0n49	22s14	1s59	19s46	0s 1	10s58	0s51	3n 1	1s53	39n40	16n11	8n55	8n33	27s56			n.a.
T 2	24 0	5 36	2 33	18 29	2 2	14 51	0 27	20 54	0 49	22 15	1 59	19 45	0 1	10 59	0 51	3 1	1 53	39 40	16 11	8 54	8 32	27 57			n.a.
W 3	23 57	0s36	1 31	18 8	2 10	14 25	0 31	20 43	0 48	22 17	1 59	19 45	0 1	10 59	0 51	3 1	1 53	39 39	16 11	8 54	8 31	27 58			n.a.
T 4	23 54	6 36	0 26	17 47	2 18	13 58	0 36	20 32	0 47	22 19	1 59	19 44	0 1	10 59	0 51	3 1	1 53	39 39	16 11	8 54	8 29	27 59			n.a.
F 5	23 50	12 14	0s39	17 27	2 26	13 31	0 40	20 21	0 47	22 21	2 0	19 44	0 1	11 0	0 51	3 1	1 53	39 39	16 11	8 54	8 28	28 0			n.a.
S 6	23 46	17 19	1 40	17 7	2 33	13 3	0 45	20 10	0 46	22 23	2 0	19 43	0 1	11 0	0 51	3 2	1 53	39 39	16 11	8 53	8 27	28 1			n.a.
S 7	23 41	21 42	2 37	16 48	2 41	12 36	0 50	19 58	0 46	22 24	2 0	19 42	0 1	11 1	0 51	3 2	1 53	39 38	16 11	8 52	8 26	28 2			n.a.
M 8	23 36	25 10	3 26	16 31	2 48	12 8	0 54	19 46	0 45	22 26	2 0	19 42	0 1	11 1	0 51	3 2	1 53	39 38	16 11	8 49	8 24	28 3			n.a.
T 9	23 30	27 34	4 7	16 15	2 54	11 40	0 59	19 34	0 44	22 28	2 0	19 41	0 1	11 2	0 51	3 2	1 53	39 38	16 11	8 46	8 23	28 4			n.a.
W10	23 24	28 43	4 37	16 0	3 0	11 11	1 4	19 22	0 44	22 30	2 1	19 41	0 1	11 2	0 51	3 2	1 53	39 38	16 11	8 41	8 22	28 5			n.a.
T 11	23 18	28 32	4 54	15 47	3 6	10 43	1 8	19 10	0 43	22 32	2 1	19 41	0 2	11 3	0 51	3 2	1 54	39 38	16 11	8 36	8 21	28 6			n.a.
F 12	23 11	27 0	4 59	15 36	3 11	10 14	1 13	18 58	0 42	22 34	2 1	19 40	0 2	11 3	0 51	3 2	1 54	39 37	16 12	8 30	8 20	28 7			n.a.
S 13	23 4	24 12	4 50	15 27	3 15	9 45	1 18	18 45	0 42	22 35	2 1	19 40	0 2	11 4	0 51	3 2	1 54	39 37	16 12	8 25	8 18	28 8			n.a.
S 14	22 56	20 17	4 28	15 21	3 19	9 16	1 23	18 32	0 41	22 37	2 1	19 39	0 2	11 4	0 51	3 2	1 54	39 37	16 12	8 20	8 17	28 9			n.a.
M15	22 48	15 26	3 53	15 18	3 21	8 46	1 28	18 19	0 40	22 39	2 1	19 39	0 2	11 5	0 51	3 2	1 54	39 37	16 12	8 16	8 16	28 10			n.a.
T 16	22 39	9 54	3 5	15 17	3 23	8 17	1 33	18 6	0 40	22 41	2 1	19 39	0 2	11 6	0 51	3 2	1 54	39 37	16 12	8 14	8 15	28 11			n.a.
W17	22 30	3 52	2 8	15 20	3 23	7 47	1 38	17 52	0 39	22 43	2 1	19 38	0 2	11 6	0 51	3 2	1 54	39 36	16 12	8 12	8 13	28 12			n.a.
T 18	22 21	2n28	1 3	15 27	3 22	7 18	1 42	17 39	0 38	22 45	2 2	19 38	0 2	11 7	0 51	3 2	1 54	39 36	16 12	8 12	8 12	28 13			n.a.
F 19	22 11	8 50	0n 7	15 37	3 19	6 48	1 47	17 25	0 38	22 47	2 2	19 38	0 2	11 8	0 51	3 2	1 54	39 36	16 12	8 11	8 11	28 14			n.a.
S 20	22 0	14 58	1 19	15 52	3 14	6 18	1 52	17 11	0 37	22 48	2 2	19 38	0 2	11 8	0 51	3 2	1 54	39 36	16 12	8 11	8 10	28 15			n.a.
S 21	21 50	20 30	2 27	16 10	3 7	5 48	1 57	16 57	0 36	22 50	2 2	19 37	0 3	11 9	0 51	3 2	1 54	39 36	16 12	8 11	8 9	28 16			n.a.
M22	21 38	24 58	3 28	16 32	2 59	5 18	2 2	16 43	0 36	22 52	2 2	19 37	0 3	11 10	0 51	3 2	1 54	39 36	16 13	8 9	8 7	28 17			n.a.
T 23	21 27	27 54	4 17	16 58	2 48	4 48	2 7	16 28	0 35	22 54	2 2	19 37	0 3	11 10	0 51	3 1	1 54	39 36	16 13	8 7	8 6	28 18			n.a.
W24	21 15	28 52	4 48	17 27	2 35	4 18	2 12	16 14	0 34	22 56	2 2	19 37	0 3	11 11	0 51	3 1	1 54	39 36	16 13	8 3	8 5	28 19			n.a.
T 25	21 2	27 41	5 0	17 58	2 21	3 48	2 17	15 59	0 34	22 57	2 2	19 37	0 3	11 12	0 51	3 1	1 54	39 36	16 13	7 59	8 4	28 19			n.a.
F 26	20 50	24 31	4 51	18 31	2 4	3 18	2 22	15 44	0 33	22 59	2 2	19 37	0 3	11 13	0 51	3 1	1 54	39 35	16 13	7 54	8 2	28 20			n.a.
S 27	20 36	19 48	4 23	19 5	1 46	2 47	2 27	15 29	0 32	23 1	2 2	19 37	0 3	11 13	0 51	3 1	1 54	39 35	16 13	7 50	8 1	28 21			n.a.
S 28	20 23	14 4	3 38	19 40	1 27	2 17	2 32	15 14	0 32	23 3	2 2	19 37	0 3	11 14	0 51	3 1	1 54	39 35	16 14	7 46	8 0	28 22			n.a.
M29	20 9	7 48	2 42	20 14	1 7	1 47	2 36	14 59	0 31	23 4	2 2	19 37	0 3	11 15	0 51	3 0	1 55	39 35	16 14	7 44	7 59	28 23			n.a.
T 30	19 54	1 23	1 38	20 46	0 47	1 17	2 41	14 43	0 30	23 6	2 2	19 37	0 3	11 16	0 51	3 0	1 55	39 35	16 14	7 42	7 57	28 24			n.a.
W31	19n40	4s53	0n31	21n16	0s27	0n47	2s46	14n27	0n30	23s 8	2s 2	19s37	0s 3	11s16	0s52	3n 0	1s55	39n35	16n14	7n42	7n56	28s25			n.a.

Julian Day Number = 189776.5, Delta T = 32h30m12s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'54, Lahiri = -61°33'54 Julian Calendar 1 Aug. 4194 BCE == Greg. Calendar 29 June 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

SEPTEMBER 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 29 2	5♌33'56	25♎47	24°R19	22♍54	24♌28	27°R55	24°D59	3°R32	11°R41	13♋12	19°D 8	19♈42	22♐ 4	n.a.	T 1
F 2	20 32 58	6°34'28	8♏ 2	23♋44	23°57	25°12	27♑47	24♏59	3♓30	11♈41	13°14	19°R 8	19°39	22°11	n.a.	F 2
S 3	20 36 55	7°35'03	20° 3	23°19	24°59	25°57	27°39	25° 0	3°28	11°40	13°16	19♈ 8	19°35	22°17	n.a.	S 3
S 4	20 40 51	8°35'39	1♐56	23° 7	26° 1	26°41	27°31	25° 0	3°26	11°40	13°19	19° 5	19°32	22°24	n.a.	S 4
M 5	20 44 48	9°36'17	13°45	23°D 6	27° 3	27°26	27°23	25° 0	3°24	11°39	13°21	19° 0	19°29	22°31	n.a.	M 5
T 6	20 48 44	10°36'56	25°36	23°16	28° 5	28°11	27°15	25° 1	3°21	11°39	13°23	18°52	19°26	22°37	n.a.	T 6
W 7	20 52 41	11°37'37	7♑32	23°36	29° 6	28°55	27° 8	25° 1	3°19	11°38	13°25	18°41	19°23	22°44	n.a.	W 7
T 8	20 56 37	12°38'19	19°35	24° 7	0♎ 6	29°40	27° 0	25° 2	3°17	11°37	13°27	18°29	19°20	22°51	n.a.	T 8
F 9	21 0 34	13°39'03	1♒48	24°45	1° 7	0♍25	26°53	25° 3	3°14	11°36	13°29	18°17	19°16	22°58	n.a.	F 9
S 10	21 4 30	14°39'49	14°10	25°32	2° 6	1°10	26°45	25° 4	3°12	11°36	13°31	18° 4	19°13	23° 4	n.a.	S 10
S 11	21 8 27	15°40'36	26°43	26°26	3° 6	1°55	26°38	25° 5	3°10	11°35	13°33	17°54	19°10	23°11	n.a.	S 11
M12	21 12 24	16°41'25	9♓27	27°26	4° 5	2°40	26°31	25° 6	3° 7	11°34	13°35	17°45	19° 7	23°18	n.a.	M12
T 13	21 16 20	17°42'15	22°21	28°31	5° 4	3°25	26°23	25° 7	3° 5	11°33	13°37	17°40	19° 4	23°24	n.a.	T 13
W14	21 20 17	18°43'07	5♈26	29°41	6° 2	4°10	26°17	25° 8	3° 2	11°32	13°39	17°37	19° 0	23°31	n.a.	W14
T 15	21 24 13	19°44'01	18°43	0♌54	6°59	4°55	26°10	25°10	3° 0	11°32	13°41	17°D36	18°57	23°38	n.a.	T 15
F 16	21 28 10	20°44'57	2♉12	2°12	7°57	5°40	26° 3	25°11	2°58	11°31	13°43	17°36	18°54	23°45	n.a.	F 16
S 17	21 32 6	21°45'54	15°55	3°32	8°53	6°25	25°56	25°13	2°55	11°30	13°45	17°R37	18°51	23°51	n.a.	S 17
S 18	21 36 3	22°46'53	29°53	4°54	9°49	7°10	25°50	25°15	2°53	11°29	13°47	17°37	18°48	23°58	n.a.	S 18
M19	21 39 59	23°47'54	14♊ 5	6°19	10°45	7°56	25°43	25°16	2°50	11°28	13°49	17°35	18°45	24° 5	n.a.	M19
T 20	21 43 56	24°48'57	28°31	7°45	11°40	8°41	25°37	25°18	2°48	11°27	13°51	17°31	18°41	24°11	n.a.	T 20
W21	21 47 52	25°50'01	13♋ 5	9°13	12°34	9°26	25°31	25°20	2°45	11°26	13°53	17°25	18°38	24°18	n.a.	W21
T 22	21 51 49	26°51'07	27°44	10°42	13°28	10°12	25°25	25°23	2°43	11°25	13°55	17°17	18°35	24°25	n.a.	T 22
F 23	21 55 46	27°52'14	12♌20	12°12	14°21	10°57	25°19	25°25	2°40	11°23	13°57	17° 9	18°32	24°32	n.a.	F 23
S 24	21 59 42	28°53'22	26°45	13°42	15°14	11°43	25°14	25°27	2°38	11°22	13°58	17° 1	18°29	24°38	n.a.	S 24
S 25	22 3 39	29°54'32	10♍53	15°14	16° 6	12°29	25° 8	25°30	2°35	11°21	14° 0	16°54	18°26	24°45	n.a.	S 25
M26	22 7 35	0♍55'42	24°40	16°46	16°57	13°14	25° 3	25°32	2°33	11°20	14° 2	16°50	18°22	24°52	n.a.	M26
T 27	22 11 32	1°56'54	8♎ 3	18°18	17°47	14° 0	24°58	25°35	2°30	11°19	14° 4	16°47	18°19	24°58	n.a.	T 27
W28	22 15 28	2°58'06	21° 2	19°51	18°37	14°46	24°53	25°38	2°28	11°17	14° 5	16°D47	18°16	25° 5	n.a.	W28
T 29	22 19 25	3°59'19	3♏39	21°24	19°26	15°31	24°48	25°41	2°25	11°16	14° 7	16°48	18°13	25°12	n.a.	T 29
F 30	22 23 21	5♍ 0'33	15♏57	22♌57	20♎14	16♍17	24♑44	25♏44	2♓22	11♈15	14♋ 9	16♈50	18♈10	25♐19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n25	10s47	0s35	21n44	0s 8	0n17	2s51	14n12	0n29	23s 9	2s 2	19s37	0s 4	11s17	0s52	3n 0	1s55	39n35	16n15	7n42	7n55	28s26		n.a.
F 2	19 9	16 8	1 38	22 9	0n11	0s12	2 56	13 56	0 28	23 11	2 2	19 37	0 4	11 18	0 52	3 0	1 55	39 35	16 15	7 42	7 54	28 26		n.a.
S 3	18 53	20 45	2 36	22 31	0 29	0 42	3 0	13 40	0 28	23 13	2 2	19 37	0 4	11 19	0 52	2 59	1 55	39 35	16 15	7 42	7 52	28 27		n.a.
S 4	18 37	24 30	3 26	22 49	0 45	1 12	3 5	13 23	0 27	23 14	2 2	19 37	0 4	11 20	0 52	2 59	1 55	39 35	16 15	7 41	7 51	28 28		n.a.
M 5	18 21	27 11	4 7	23 4	1 0	1 41	3 10	13 7	0 26	23 16	2 2	19 37	0 4	11 21	0 52	2 59	1 55	39 35	16 16	7 39	7 50	28 29		n.a.
T 6	18 4	28 40	4 38	23 15	1 13	2 10	3 14	12 51	0 26	23 17	2 2	19 37	0 4	11 21	0 52	2 58	1 55	39 35	16 16	7 36	7 49	28 30		n.a.
W 7	17 47	28 49	4 56	23 23	1 25	2 39	3 19	12 34	0 25	23 19	2 2	19 38	0 4	11 22	0 52	2 58	1 55	39 35	16 16	7 31	7 48	28 30		n.a.
T 8	17 29	27 37	5 2	23 27	1 35	3 8	3 23	12 17	0 24	23 20	2 1	19 38	0 4	11 23	0 52	2 58	1 55	39 35	16 16	7 27	7 46	28 31		n.a.
F 9	17 12	25 5	4 54	23 29	1 44	3 37	3 28	12 0	0 24	23 21	2 1	19 38	0 4	11 24	0 52	2 58	1 55	39 35	16 17	7 22	7 45	28 32		n.a.
S 10	16 54	21 22	4 32	23 27	1 51	4 5	3 32	11 43	0 23	23 23	2 1	19 38	0 4	11 25	0 52	2 57	1 55	39 35	16 17	7 17	7 44	28 33		n.a.
S 11	16 35	16 38	3 56	23 23	1 57	4 34	3 37	11 26	0 22	23 24	2 1	19 39	0 4	11 26	0 52	2 57	1 55	39 35	16 17	7 13	7 43	28 34		n.a.
M12	16 17	11 9	3 9	23 16	2 2	5 2	3 41	11 9	0 21	23 25	2 1	19 39	0 5	11 27	0 52	2 56	1 55	39 35	16 18	7 9	7 41	28 34		n.a.
T 13	15 58	5 6	2 10	23 6	2 6	5 29	3 45	10 52	0 21	23 27	2 1	19 40	0 5	11 28	0 52	2 56	1 55	39 36	16 18	7 7	7 40	28 35		n.a.
W14	15 38	1n14	1 5	22 53	2 9	5 57	3 49	10 34	0 20	23 28	2 1	19 40	0 5	11 29	0 52	2 56	1 55	39 36	16 18	7 6	7 39	28 36		n.a.
T 15	15 19	7 37	0n 6	22 38	2 10	6 24	3 53	10 17	0 19	23 29	2 0	19 40	0 5	11 29	0 52	2 55	1 55	39 36	16 19	7 6	7 38	28 36		n.a.
F 16	14 59	13 47	1 17	22 21	2 11	6 51	3 57	9 59	0 19	23 30	2 0	19 41	0 5	11 30	0 52	2 55	1 55	39 36	16 19	7 6	7 36	28 37		n.a.
S 17	14 39	19 23	2 26	22 2	2 11	7 17	4 1	9 41	0 18	23 31	2 0	19 41	0 5	11 31	0 52	2 54	1 55	39 36	16 19	7 6	7 35	28 38		n.a.
S 18	14 18	24 3	3 26	21 41	2 11	7 43	4 5	9 23	0 17	23 32	2 0	19 42	0 5	11 32	0 52	2 54	1 56	39 36	16 20	7 6	7 34	28 39		n.a.
M19	13 58	27 22	4 16	21 18	2 9	8 9	4 8	9 5	0 16	23 34	2 0	19 42	0 5	11 33	0 52	2 54	1 56	39 36	16 20	7 6	7 33	28 39		n.a.
T 20	13 37	28 56	4 49	20 54	2 7	8 35	4 12	8 47	0 16	23 35	2 0	19 43	0 5	11 34	0 52	2 53	1 56	39 36	16 20	7 4	7 31	28 40		n.a.
W21	13 16	28 31	5 5	20 28	2 5	9 0	4 15	8 29	0 15	23 35	1 59	19 44	0 5	11 35	0 52	2 53	1 56	39 37	16 21	7 1	7 30	28 41		n.a.
T 22	12 55	26 7	5 1	20 0	2 2	9 24	4 18	8 11	0 14	23 36	1 59	19 44	0 5	11 36	0 52	2 52	1 56	39 37	16 21	6 58	7 29	28 41		n.a.
F 23	12 33	22 0	4 37	19 31	1 59	9 49	4 22	7 52	0 14	23 37	1 59	19 45	0 5	11 37	0 52	2 52	1 56	39 37	16 22	6 55	7 28	28 42		n.a.
S 24	12 11	16 38	3 56	19 1	1 55	10 13	4 25	7 34	0 13	23 38	1 59	19 45	0 6	11 38	0 52	2 51	1 56	39 37	16 22	6 52	7 26	28 43		n.a.
S 25	11 49	10 28	3 1	18 29	1 51	10 36	4 28	7 15	0 12	23 39	1 58	19 46	0 6	11 39	0 52	2 51	1 56	39 37	16 22	6 49	7 25	28 43		n.a.
M26	11 27	3 57	1 56	17 57	1 47	10 59	4 30	6 57	0 12	23 40	1 58	19 47	0 6	11 40	0 52	2 50	1 56	39 37	16 23	6 48	7 24	28 44		n.a.
T 27	11 5	2s34	0 47	17 23	1 42	11 21	4 33	6 38	0 11	23 40	1 58	19 48	0 6	11 41	0 52	2 50	1 56	39 38	16 23	6 47	7 23	28 45		n.a.
W28	10 42	8 47	0s23	16 48	1 37	11 43	4 35	6 19	0 10	23 41	1 58	19 48	0 6	11 42	0 52	2 49	1 56	39 38	16 24	6 47	7 22	28 45		n.a.
T 29	10 19	14 29	1 30	16 13	1 32	12 4	4 38	6 0	0 9	23 42	1 57	19 49	0 6	11 42	0 52	2 49	1 56	39 38	16 24	6 47	7 20	28 46		n.a.
F 30	9n56	19s29	2s31	15n36	1n26	12s25	4s40	5n41	0n 9	23s42	1s57	19s50	0s 6	11s43	0s52	2n48	1s56	39n38	16n25	6n48	7n19	28s46		n.a.

Julian Day Number = 189807.5, Delta T = 32h30m08s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'50, Lahiri = -61°33'50 Julian Calendar 1 Sept. 4194 BCE == Greg. Calendar 30 July 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

OCTOBER 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 27 18	6♍ 1'48	28♏ 1	24♌30	21♎ 1	17♍ 3	24°R39	25♏47	2°R20	11°R14	14♋10	16♈51	18♈ 6	25♐25	n.a.	S 1
S 2	22 31 15	7° 3'03	9♐56	26° 4	21°47	17°49	24♑35	25°50	2♓17	11♈12	14°12	16°R51	18° 3	25°32	n.a.	S 2
M 3	22 35 11	8° 4'19	21°47	27°37	22°32	18°35	24°31	25°53	2°15	11°11	14°14	16°50	18° 0	25°39	n.a.	M 3
T 4	22 39 8	9° 5'35	3♑40	29°11	23°16	19°21	24°27	25°56	2°12	11°10	14°15	16°47	17°57	25°45	n.a.	T 4
W 5	22 43 4	10° 6'52	15°37	0♍45	23°59	20° 7	24°24	26° 0	2°10	11° 8	14°17	16°42	17°54	25°52	n.a.	W 5
T 6	22 47 1	11° 8'10	27°45	2°18	24°41	20°53	24°20	26° 3	2° 7	11° 7	14°18	16°37	17°51	25°59	n.a.	T 6
F 7	22 50 57	12° 9'28	10♒ 4	3°52	25°22	21°39	24°17	26° 7	2° 5	11° 5	14°20	16°30	17°47	26° 6	n.a.	F 7
S 8	22 54 54	13°10'47	22°38	5°26	26° 1	22°25	24°14	26°11	2° 2	11° 4	14°21	16°24	17°44	26°12	n.a.	S 8
S 9	22 58 51	14°12'06	5♓26	7° 0	26°40	23°11	24°11	26°15	2° 0	11° 2	14°22	16°18	17°41	26°19	n.a.	S 9
M10	23 2 47	15°13'25	18°30	8°34	27°17	23°58	24° 9	26°18	1°58	11° 1	14°24	16°14	17°38	26°26	n.a.	M10
T 11	23 6 44	16°14'45	1♈47	10° 8	27°52	24°44	24° 6	26°22	1°55	10°59	14°25	16°12	17°35	26°32	n.a.	T 11
W12	23 10 40	17°16'06	15°17	11°42	28°27	25°30	24° 4	26°26	1°53	10°58	14°27	16°D11	17°31	26°39	n.a.	W12
T 13	23 14 37	18°17'27	28°57	13°16	28°59	26°16	24° 2	26°31	1°50	10°56	14°28	16°11	17°28	26°46	n.a.	T 13
F 14	23 18 33	19°18'49	12♉47	14°50	29°31	27° 3	24° 0	26°35	1°48	10°55	14°29	16°13	17°25	26°53	n.a.	F 14
S 15	23 22 30	20°20'11	26°45	16°24	0♏ 0	27°49	23°58	26°39	1°46	10°53	14°30	16°14	17°22	26°59	n.a.	S 15
S 16	23 26 26	21°21'35	10♊49	17°59	0°29	28°36	23°57	26°44	1°43	10°52	14°32	16°16	17°19	27° 6	n.a.	S 16
M17	23 30 23	22°22'58	24°57	19°33	0°55	29°22	23°56	26°48	1°41	10°50	14°33	16°R16	17°16	27°13	n.a.	M17
T 18	23 34 20	23°24'23	9♋ 9	21° 8	1°20	0♎ 9	23°55	26°53	1°39	10°48	14°34	16°15	17°12	27°19	n.a.	T 18
W19	23 38 16	24°25'48	23°22	22°43	1°43	0°55	23°54	26°57	1°36	10°47	14°35	16°13	17° 9	27°26	n.a.	W19
T 20	23 42 13	25°27'13	7♌32	24°18	2° 3	1°42	23°53	27° 2	1°34	10°45	14°36	16°11	17° 6	27°33	n.a.	T 20
F 21	23 46 9	26°28'39	21°38	25°53	2°22	2°28	23°53	27° 7	1°32	10°44	14°37	16° 8	17° 3	27°40	n.a.	F 21
S 22	23 50 6	27°30'05	5♍34	27°28	2°39	3°15	23°D53	27°12	1°30	10°42	14°38	16° 5	17° 0	27°46	n.a.	S 22
S 23	23 54 3	28°31'30	19°17	29° 4	2°54	4° 2	23°53	27°17	1°27	10°40	14°39	16° 3	16°57	27°53	n.a.	S 23
M24	23 57 59	29°32'56	2♎45	0♎40	3° 7	4°48	23°53	27°22	1°25	10°39	14°40	16° 1	16°53	28° 0	n.a.	M24
T 25	0 1 56	0♎34'22	15°55	2°16	3°18	5°35	23°54	27°27	1°23	10°37	14°41	16°D 1	16°50	28° 6	n.a.	T 25
W26	0 5 52	1°35'48	28°46	3°52	3°26	6°22	23°54	27°32	1°21	10°35	14°42	16° 1	16°47	28°13	n.a.	W26
T 27	0 9 49	2°37'13	11♏21	5°29	3°32	7° 9	23°55	27°38	1°19	10°34	14°43	16° 2	16°44	28°20	n.a.	T 27
F 28	0 13 45	3°38'38	23°39	7° 6	3°35	7°55	23°56	27°43	1°17	10°32	14°43	16° 3	16°41	28°27	n.a.	F 28
S 29	0 17 42	4°40'03	5♐45	8°43	3°R37	8°42	23°57	27°48	1°15	10°30	14°44	16° 5	16°37	28°33	n.a.	S 29
S 30	0 21 39	5°41'27	17°42	10°21	3°35	9°29	23°59	27°54	1°13	10°28	14°45	16° 6	16°34	28°40	n.a.	S 30
M31	0 25 35	6♎42'51	29♐34	11♎58	3♏31	10♎16	24♑ 1	28♏ 0	1♓11	10♈27	14♋46	16♈ 6	16♈31	28♐47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	9n33	23s36	3s25	14n59	1n21	12s45	4s42	5n22	0n 8	23s43	1s57	19s51	0s 6	11s44	0s52	2n48	1s56	39n39	16n25	6n48	7n18	28s47		n.a.	S 1
S 2	9 10	26 40	4 8	14 22	1 15	13 5	4 44	5 3	0 7	23 43	1 57	19 52	0 6	11 45	0 52	2 47	1 56	39 39	16 25	6 48	7 17	28 48		n.a.	S 2
M 3	8 47	28 32	4 41	13 43	1 9	13 24	4 45	4 44	0 6	23 44	1 56	19 53	0 6	11 46	0 52	2 46	1 56	39 39	16 26	6 48	7 15	28 48		n.a.	M 3
T 4	8 23	29 6	5 2	13 4	1 3	13 42	4 47	4 25	0 6	23 44	1 56	19 53	0 6	11 47	0 52	2 46	1 56	39 39	16 26	6 47	7 14	28 49		n.a.	T 4
W 5	7 59	28 18	5 10	12 24	0 57	14 0	4 48	4 6	0 5	23 45	1 56	19 54	0 6	11 48	0 52	2 45	1 56	39 40	16 27	6 45	7 13	28 49		n.a.	W 5
T 6	7 35	26 10	5 5	11 44	0 51	14 17	4 49	3 47	0 4	23 45	1 55	19 55	0 7	11 49	0 52	2 45	1 56	39 40	16 27	6 42	7 12	28 50		n.a.	T 6
F 7	7 11	22 47	4 45	11 4	0 45	14 33	4 50	3 27	0 4	23 45	1 55	19 56	0 7	11 50	0 52	2 44	1 56	39 40	16 28	6 40	7 10	28 50		n.a.	F 7
S 8	6 47	18 18	4 11	10 22	0 38	14 48	4 50	3 8	0 3	23 46	1 55	19 57	0 7	11 51	0 52	2 43	1 56	39 41	16 28	6 37	7 9	28 51		n.a.	S 8
S 9	6 23	12 56	3 24	9 41	0 32	15 3	4 50	2 49	0 2	23 46	1 55	19 58	0 7	11 52	0 52	2 43	1 56	39 41	16 29	6 35	7 8	28 51		n.a.	S 9
M10	5 59	6 54	2 26	8 59	0 26	15 17	4 50	2 29	0 1	23 46	1 54	19 59	0 7	11 52	0 52	2 42	1 56	39 41	16 29	6 34	7 7	28 52		n.a.	M10
T 11	5 34	0 27	1 18	8 17	0 19	15 30	4 50	2 10	0 1	23 46	1 54	20 0	0 7	11 53	0 52	2 42	1 56	39 41	16 30	6 33	7 5	28 52		n.a.	T 11
W12	5 10	6n 6	0 5	7 34	0 13	15 42	4 50	1 50	0s 0	23 46	1 54	20 1	0 7	11 54	0 52	2 41	1 56	39 42	16 30	6 32	7 4	28 53		n.a.	W12
T 13	4 45	12 29	1n 9	6 51	0 6	15 54	4 49	1 31	0 1	23 46	1 53	20 2	0 7	11 55	0 52	2 40	1 56	39 42	16 31	6 33	7 3	28 53		n.a.	T 13
F 14	4 21	18 21	2 21	6 8	0 0	16 4	4 48	1 11	0 1	23 46	1 53	20 3	0 7	11 56	0 52	2 40	1 56	39 43	16 31	6 33	7 2	28 54		n.a.	F 14
S 15	3 56	23 17	3 24	5 25	0s 6	16 14	4 46	0 51	0 2	23 46	1 53	20 5	0 7	11 57	0 52	2 39	1 56	39 43	16 32	6 34	7 0	28 54		n.a.	S 15
S 16	3 31	26 55	4 16	4 41	0 13	16 23	4 44	0 32	0 3	23 46	1 52	20 6	0 7	11 58	0 51	2 38	1 56	39 43	16 32	6 34	6 59	28 55		n.a.	S 16
M17	3 6	28 54	4 53	3 58	0 19	16 30	4 42	0 12	0 4	23 46	1 52	20 7	0 7	11 59	0 51	2 38	1 56	39 44	16 33	6 34	6 58	28 55		n.a.	M17
T 18	2 41	28 59	5 12	3 14	0 25	16 37	4 40	0s 8	0 4	23 46	1 52	20 8	0 7	11 59	0 51	2 37	1 56	39 44	16 34	6 34	6 57	28 56		n.a.	T 18
W19	2 16	27 9	5 12	2 30	0 31	16 43	4 37	0 27	0 5	23 46	1 51	20 9	0 8	12 0	0 51	2 36	1 56	39 44	16 34	6 33	6 55	28 56		n.a.	W19
T 20	1 51	23 36	4 53	1 46	0 37	16 47	4 34	0 47	0 6	23 46	1 51	20 10	0 8	12 1	0 51	2 36	1 56	39 45	16 35	6 32	6 54	28 57		n.a.	T 20
F 21	1 26	18 43	4 16	1 1	0 43	16 51	4 30	1 7	0 7	23 45	1 51	20 12	0 8	12 2	0 51	2 35	1 56	39 45	16 35	6 31	6 53	28 57		n.a.	F 21
S 22	1 1	12 53	3 25	0 17	0 49	16 53	4 26	1 26	0 7	23 45	1 50	20 13	0 8	12 3	0 51	2 34	1 56	39 46	16 36	6 30	6 52	28 58		n.a.	S 22
S 23	0 36	6 32	2 22	0s27	0 55	16 54	4 22	1 46	0 8	23 45	1 50	20 14	0 8	12 3	0 51	2 34	1 56	39 46	16 36	6 29	6 50	28 58		n.a.	S 23
M24	0 11	0s 1	1 13	1 12	1 1	16 54	4 17	2 6	0 9	23 44	1 50	20 15	0 8	12 4	0 51	2 33	1 56	39 47	16 37	6 29	6 49	28 58		n.a.	M24
T 25	0s14	6 25	0 1	1 56	1 6	16 53	4 11	2 25	0 9	23 44	1 49	20 17	0 8	12 5	0 51	2 32	1 56	39 47	16 37	6 28	6 48	28 59		n.a.	T 25
W26	0 39	12 26	1s10	2 40	1 11	16 50	4 6	2 45	0 10	23 43	1 49	20 18	0 8	12 6	0 51	2 32	1 56	39 47	16 38	6 29	6 47	28 59		n.a.	W26
T 27	1 4	17 48	2 15	3 24	1 17	16 47	3 59	3 5	0 11	23 43	1 49	20 19	0 8	12 6	0 51	2 31	1 56	39 48	16 39	6 29	6 45	28 59		n.a.	T 27
F 28	1 29	22 20	3 13	4 8	1 22	16 42	3 52	3 24	0 12	23 42	1 48	20 21	0 8	12 7	0 51	2 30	1 56	39 48	16 39	6 29	6 44	29 0		n.a.	F 28
S 29	1 54	25 50	4 2	4 52	1 26	16 35	3 45	3 44	0 12	23 42	1 48	20 22	0 8	12 8	0 51	2 30	1 56	39 49	16 40	6 30	6 43	29 0		n.a.	S 29
S 30	2 19	28 9	4 39	5 36	1 31	16 27	3 37	4 3	0 13	23 41	1 48	20 23	0 8	12 8	0 51	2 29	1 56	39 49	16 40	6 30	6 42	29 1		n.a.	S 30
M31	2s44	29s11	5s 4	6s19	1s35	16s18	3s29	4s23	0s14	23s41	1s47	20s25	0s 8	12s 9	0s51	2n28	1s56	39n50	16n41	6n30	6n40	29s 1		n.a.	M31

Julian Day Number = 189837.5, Delta T = 32h30m05s
Ecliptic obliquity = 24°07'08, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'46, Lahiri = -61°33'46 Julian Calendar 1 Oct. 4194 BCE == Greg. Calendar 29 Aug. 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

NOVEMBER 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 29 32	7♎44'13	11♑26	13♎37	3°R25	11♎ 3	24♑ 3	28♏ 5	1°R 9	10°R25	14♋46	16°R 6	16♈28	28♐53	n.a.	T 1
W 2	0 33 28	8°45'36	23°24	15°15	3♏16	11°50	24° 5	28°11	1♓ 7	10♈23	14°47	16♈ 6	16°25	29° 0	n.a.	W 2
T 3	0 37 25	9°46'57	5♒31	16°54	3° 4	12°37	24° 7	28°17	1° 5	10°22	14°48	16° 5	16°22	29° 7	n.a.	T 3
F 4	0 41 21	10°48'18	17°52	18°32	2°50	13°23	24° 9	28°23	1° 4	10°20	14°48	16° 5	16°18	29°14	n.a.	F 4
S 5	0 45 18	11°49'38	0♓30	20°12	2°34	14°10	24°12	28°28	1° 2	10°18	14°49	16° 4	16°15	29°20	n.a.	S 5
S 6	0 49 15	12°50'57	13°27	21°51	2°15	14°57	24°15	28°34	1° 0	10°17	14°49	16° 3	16°12	29°27	n.a.	S 6
M 7	0 53 11	13°52'16	26°45	23°30	1°53	15°44	24°18	28°40	0°58	10°15	14°50	16° 3	16° 9	29°34	n.a.	M 7
T 8	0 57 8	14°53'33	10♈23	25°10	1°29	16°31	24°21	28°46	0°57	10°13	14°50	16° 3	16° 6	29°40	n.a.	T 8
W 9	1 1 4	15°54'50	24°19	26°50	1° 4	17°18	24°25	28°53	0°55	10°11	14°51	16° 3	16° 2	29°47	n.a.	W 9
T 10	1 5 1	16°56'06	8♉29	28°29	0°36	18° 6	24°29	28°59	0°54	10°10	14°51	16° 3	15°59	29°54	n.a.	T 10
F 11	1 8 57	17°57'22	22°49	0♏ 8	0° 6	18°53	24°32	29° 5	0°52	10° 8	14°51	16° 3	15°56	0♑ 1	n.a.	F 11
S 12	1 12 54	18°58'37	7♊13	1°47	29♎34	19°40	24°37	29°11	0°51	10° 6	14°52	16° 3	15°53	0° 7	n.a.	S 12
S 13	1 16 51	19°59'52	21°38	3°26	29° 1	20°27	24°41	29°18	0°49	10° 5	14°52	16° 2	15°50	0°14	n.a.	S 13
M14	1 20 47	21° 1'06	5♋58	5° 4	28°27	21°14	24°45	29°24	0°48	10° 3	14°52	16° 2	15°47	0°21	n.a.	M14
T 15	1 24 44	22° 2'19	20°11	6°41	27°52	22° 1	24°50	29°31	0°46	10° 1	14°52	16°D 2	15°43	0°28	n.a.	T 15
W16	1 28 40	23° 3'32	4♌14	8°17	27°15	22°48	24°55	29°37	0°45	10° 0	14°52	16° 2	15°40	0°34	n.a.	W16
T 17	1 32 37	24° 4'43	18° 6	9°52	26°38	23°35	25° 0	29°44	0°44	9°58	14°52	16° 2	15°37	0°41	n.a.	T 17
F 18	1 36 34	25° 5'54	1♍46	11°25	26° 1	24°22	25° 5	29°50	0°43	9°56	14°53	16° 3	15°34	0°48	n.a.	F 18
S 19	1 40 30	26° 7'05	15°14	12°55	25°24	25°10	25°10	29°57	0°42	9°55	14°53	16° 4	15°31	0°54	n.a.	S 19
S 20	1 44 27	27° 8'14	28°30	14°23	24°47	25°57	25°16	0♐ 4	0°40	9°53	14°R53	16° 5	15°28	1° 1	n.a.	S 20
M21	1 48 23	28° 9'22	11♎32	15°48	24°10	26°44	25°21	0°10	0°39	9°52	14°53	16°R 5	15°24	1° 8	n.a.	M21
T 22	1 52 20	29°10'29	24°21	17° 9	23°34	27°31	25°27	0°17	0°38	9°50	14°52	16° 5	15°21	1°15	n.a.	T 22
W23	1 56 16	0♏11'35	6♏58	18°26	23° 0	28°18	25°33	0°24	0°37	9°48	14°52	16° 4	15°18	1°21	n.a.	W23
T 24	2 0 13	1°12'39	19°23	19°37	22°26	29° 6	25°39	0°31	0°37	9°47	14°52	16° 3	15°15	1°28	n.a.	T 24
F 25	2 4 10	2°13'42	1♐36	20°43	21°53	29°53	25°46	0°38	0°36	9°45	14°52	16° 0	15°12	1°35	n.a.	F 25
S 26	2 8 6	3°14'44	13°39	21°41	21°22	0♏40	25°52	0°45	0°35	9°44	14°52	15°58	15° 8	1°41	n.a.	S 26
S 27	2 12 3	4°15'45	25°36	22°33	20°53	1°27	25°59	0°52	0°34	9°42	14°52	15°55	15° 5	1°48	n.a.	S 27
M28	2 15 59	5°16'43	7♑28	23°16	20°26	2°14	26° 6	0°59	0°33	9°41	14°51	15°52	15° 2	1°55	n.a.	M28
T 29	2 19 56	6°17'40	19°19	23°49	20° 1	3° 2	26°13	1° 6	0°33	9°39	14°51	15°50	14°59	2° 2	n.a.	T 29
W30	2 23 52	7♏18'35	1♒15	24♏13	19♎38	3♏49	26♑20	1♐13	0♓32	9♈38	14♋51	15♈49	14♈56	2♑ 8	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 9	28s51	5s16	7s 2	1s39	16s 7	3s20	4s43	0s14	23s40	1s47	20s26	0s 9	12s10	0s51	2n28	1s56	39n50	16n41	6n30	6n39	29s 1		n.a.
W 2	3 34	27 11	5 14	7 45	1 43	15 55	3 11	5 2	0 15	23 39	1 47	20 27	0 9	12 10	0 51	2 27	1 56	39 51	16 42	6 30	6 38	29 2		n.a.
T 3	3 59	24 14	4 59	8 27	1 47	15 42	3 1	5 22	0 16	23 38	1 46	20 29	0 9	12 11	0 51	2 26	1 56	39 51	16 43	6 30	6 37	29 2		n.a.
F 4	4 24	20 10	4 29	9 9	1 50	15 27	2 50	5 41	0 16	23 38	1 46	20 30	0 9	12 12	0 51	2 26	1 56	39 52	16 43	6 30	6 35	29 2		n.a.
S 5	4 48	15 7	3 46	9 51	1 53	15 11	2 39	6 0	0 17	23 37	1 46	20 32	0 9	12 12	0 51	2 25	1 56	39 52	16 44	6 30	6 34	29 2		n.a.
S 6	5 13	9 18	2 51	10 31	1 56	14 53	2 27	6 20	0 18	23 36	1 45	20 33	0 9	12 13	0 51	2 24	1 56	39 53	16 44	6 29	6 33	29 3		n.a.
M 7	5 37	2 55	1 45	11 12	1 58	14 34	2 15	6 39	0 19	23 35	1 45	20 35	0 9	12 14	0 51	2 24	1 56	39 53	16 45	6 29	6 32	29 3		n.a.
T 8	6 2	3n45	0 31	11 51	1 59	14 14	2 2	6 58	0 19	23 34	1 45	20 36	0 9	12 14	0 51	2 23	1 56	39 54	16 46	6 29	6 30	29 3		n.a.
W 9	6 26	10 24	0n46	12 30	2 1	13 52	1 49	7 17	0 20	23 33	1 44	20 37	0 9	12 15	0 51	2 22	1 56	39 54	16 46	6 29	6 29	29 4		n.a.
T 10	6 50	16 38	2 1	13 7	2 2	13 30	1 36	7 36	0 21	23 32	1 44	20 39	0 9	12 15	0 51	2 22	1 56	39 55	16 47	6 29	6 28	29 4		n.a.
F 11	7 14	22 3	3 10	13 44	2 2	13 6	1 22	7 55	0 21	23 31	1 44	20 40	0 9	12 16	0 51	2 21	1 56	39 55	16 47	6 29	6 27	29 4		n.a.
S 12	7 38	26 11	4 7	14 20	2 2	12 41	1 8	8 14	0 22	23 30	1 43	20 42	0 9	12 16	0 51	2 20	1 56	39 56	16 48	6 29	6 25	29 4		n.a.
S 13	8 2	28 39	4 49	14 54	2 1	12 15	0 53	8 33	0 23	23 29	1 43	20 43	0 9	12 17	0 51	2 20	1 56	39 57	16 49	6 29	6 24	29 5		n.a.
M14	8 26	29 10	5 12	15 27	1 59	11 49	0 38	8 52	0 23	23 28	1 43	20 45	0 10	12 17	0 51	2 19	1 56	39 57	16 49	6 29	6 23	29 5		n.a.
T 15	8 49	27 45	5 16	15 58	1 57	11 22	0 23	9 11	0 24	23 27	1 42	20 46	0 10	12 18	0 51	2 18	1 56	39 58	16 50	6 29	6 21	29 5		n.a.
W16	9 13	24 36	5 1	16 28	1 54	10 54	0 8	9 30	0 25	23 25	1 42	20 48	0 10	12 18	0 51	2 18	1 56	39 58	16 50	6 29	6 20	29 5		n.a.
T 17	9 36	20 5	4 29	16 55	1 51	10 27	0n 7	9 48	0 25	23 24	1 42	20 49	0 10	12 18	0 50	2 17	1 56	39 59	16 51	6 29	6 19	29 5		n.a.
F 18	9 59	14 34	3 41	17 21	1 46	9 59	0 23	10 7	0 26	23 23	1 41	20 51	0 10	12 19	0 50	2 16	1 56	39 59	16 51	6 29	6 18	29 6		n.a.
S 19	10 22	8 28	2 43	17 45	1 41	9 31	0 38	10 25	0 27	23 21	1 41	20 53	0 10	12 19	0 50	2 16	1 56	40 0	16 52	6 30	6 16	29 6		n.a.
S 20	10 44	2 4	1 36	18 6	1 34	9 3	0 53	10 43	0 27	23 20	1 41	20 54	0 10	12 20	0 50	2 15	1 56	40 1	16 53	6 30	6 15	29 6		n.a.
M21	11 7	4s18	0 25	18 25	1 27	8 35	1 8	11 2	0 28	23 19	1 40	20 56	0 10	12 20	0 50	2 15	1 56	40 1	16 53	6 30	6 14	29 6		n.a.
T 22	11 29	10 24	0s46	18 41	1 19	8 8	1 23	11 20	0 29	23 17	1 40	20 57	0 10	12 20	0 50	2 14	1 56	40 2	16 54	6 30	6 13	29 6		n.a.
W23	11 51	16 0	1 53	18 54	1 9	7 41	1 37	11 38	0 29	23 16	1 40	20 59	0 10	12 21	0 50	2 13	1 56	40 2	16 54	6 30	6 11	29 6		n.a.
T 24	12 13	20 51	2 54	19 5	0 59	7 16	1 51	11 56	0 30	23 14	1 39	21 0	0 10	12 21	0 50	2 13	1 56	40 3	16 55	6 29	6 10	29 6		n.a.
F 25	12 35	24 44	3 45	19 12	0 47	6 51	2 5	12 13	0 31	23 13	1 39	21 2	0 10	12 21	0 50	2 12	1 56	40 3	16 56	6 28	6 9	29 7		n.a.
S 26	12 57	27 29	4 26	19 15	0 34	6 27	2 18	12 31	0 31	23 11	1 39	21 3	0 10	12 21	0 50	2 11	1 56	40 4	16 56	6 27	6 8	29 7		n.a.
S 27	13 18	28 58	4 55	19 15	0 20	6 4	2 31	12 49	0 32	23 10	1 38	21 5	0 11	12 22	0 50	2 11	1 56	40 5	16 57	6 26	6 6	29 7		n.a.
M28	13 39	29 5	5 11	19 12	0 6	5 42	2 43	13 6	0 33	23 8	1 38	21 7	0 11	12 22	0 50	2 10	1 56	40 5	16 57	6 25	6 5	29 7		n.a.
T 29	14 0	27 51	5 14	19 5	0n10	5 21	2 55	13 23	0 33	23 6	1 38	21 8	0 11	12 22	0 50	2 10	1 56	40 6	16 58	6 24	6 4	29 7		n.a.
W30	14s20	25s22	5s 3	18s55	0n27	5s 2	3n 6	13s41	0s34	23s 5	1s38	21s10	0s11	12s22	0s50	2n 9	1s56	40n 6	16n58	6n24	6n 3	29s 7		n.a.

Julian Day Number = 189868.5, Delta T = 32h30m02s
Ecliptic obliquity = 24°07'08, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'42, Lahiri = -61°33'41 Julian Calendar 1 Nov. 4194 BCE == Greg. Calendar 29 Sept. 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4194 BCE
geocentric

DECEMBER 4194 BCE (-4193) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 27 49	8♏19'29	13♒19	24♏27	19°R17	4♏36	26♑27	1♐20	0°R32	9°R36	14°R50	15°D49	14♈53	2♑15	n.a.	T 1
F 2	2 31 46	9°20'20	25°37	24°R30	18♎59	5°23	26°35	1°27	0♓31	9♈35	14♋50	15♈50	14°49	2°22	n.a.	F 2
S 3	2 35 42	10°21'10	8♓12	24°21	18°43	6°11	26°42	1°34	0°31	9°33	14°50	15°51	14°46	2°29	n.a.	S 3
S 4	2 39 39	11°21'58	21° 9	24° 2	18°29	6°58	26°50	1°41	0°30	9°32	14°49	15°53	14°43	2°35	n.a.	S 4
M 5	2 43 35	12°22'43	4♈31	23°31	18°18	7°45	26°58	1°49	0°30	9°31	14°49	15°54	14°40	2°42	n.a.	M 5
T 6	2 47 32	13°23'27	18°18	22°51	18°10	8°32	27° 6	1°56	0°30	9°29	14°48	15°R55	14°37	2°49	n.a.	T 6
W 7	2 51 28	14°24'10	2♉30	22° 2	18° 4	9°19	27°14	2° 3	0°29	9°28	14°47	15°54	14°34	2°55	n.a.	W 7
T 8	2 55 25	15°24'50	17° 3	21° 5	18° 0	10° 7	27°23	2°10	0°29	9°27	14°47	15°51	14°30	3° 2	n.a.	T 8
F 9	2 59 22	16°25'29	1♊50	20° 2	18°D 0	10°54	27°31	2°18	0°29	9°25	14°46	15°48	14°27	3° 9	n.a.	F 9
S 10	3 3 18	17°26'06	16°45	18°55	18° 1	11°41	27°40	2°25	0°29	9°24	14°45	15°43	14°24	3°16	n.a.	S 10
S 11	3 7 15	18°26'42	1♋37	17°46	18° 5	12°28	27°49	2°32	0°D29	9°23	14°45	15°38	14°21	3°22	n.a.	S 11
M12	3 11 11	19°27'16	16°20	16°36	18°11	13°15	27°57	2°40	0°29	9°21	14°44	15°34	14°18	3°29	n.a.	M12
T 13	3 15 8	20°27'49	0♌48	15°27	18°20	14° 3	28° 6	2°47	0°29	9°20	14°43	15°31	14°14	3°36	n.a.	T 13
W14	3 19 4	21°28'19	14°56	14°21	18°31	14°50	28°16	2°55	0°29	9°19	14°43	15°29	14°11	3°42	n.a.	W14
T 15	3 23 1	22°28'48	28°44	13°20	18°44	15°37	28°25	3° 2	0°29	9°18	14°42	15°D29	14° 8	3°49	n.a.	T 15
F 16	3 26 58	23°29'16	12♍12	12°25	18°59	16°24	28°34	3°10	0°30	9°17	14°41	15°30	14° 5	3°56	n.a.	F 16
S 17	3 30 54	24°29'42	25°22	11°35	19°16	17°11	28°44	3°17	0°30	9°16	14°40	15°32	14° 2	4° 3	n.a.	S 17
S 18	3 34 51	25°30'06	8♎17	10°53	19°35	17°58	28°53	3°25	0°30	9°15	14°39	15°33	13°59	4° 9	n.a.	S 18
M19	3 38 47	26°30'28	20°58	10°18	19°56	18°45	29° 3	3°32	0°31	9°14	14°38	15°R33	13°55	4°16	n.a.	M19
T 20	3 42 44	27°30'49	3♏27	9°51	20°19	19°32	29°13	3°40	0°31	9°12	14°37	15°31	13°52	4°23	n.a.	T 20
W21	3 46 40	28°31'07	15°47	9°32	20°44	20°20	29°23	3°47	0°31	9°11	14°36	15°28	13°49	4°30	n.a.	W21
T 22	3 50 37	29°31'24	27°58	9°19	21°10	21° 7	29°33	3°55	0°32	9°11	14°35	15°21	13°46	4°36	n.a.	T 22
F 23	3 54 33	0♐31'39	10♐ 3	9°D14	21°38	21°54	29°43	4° 2	0°33	9°10	14°34	15°14	13°43	4°43	n.a.	F 23
S 24	3 58 30	1°31'51	22° 1	9°15	22° 8	22°41	29°54	4°10	0°33	9° 9	14°33	15° 5	13°40	4°50	n.a.	S 24
S 25	4 2 27	2°32'02	3♑55	9°23	22°39	23°28	0♒ 4	4°17	0°34	9° 8	14°32	14°55	13°36	4°56	n.a.	S 25
M26	4 6 23	3°32'10	15°47	9°37	23°12	24°15	0°15	4°25	0°35	9° 7	14°31	14°46	13°33	5° 3	n.a.	M26
T 27	4 10 20	4°32'16	27°38	9°57	23°46	25° 2	0°25	4°32	0°36	9° 6	14°30	14°38	13°30	5°10	n.a.	T 27
W28	4 14 16	5°32'19	9♒33	10°22	24°21	25°49	0°36	4°40	0°36	9° 5	14°29	14°33	13°27	5°17	n.a.	W28
T 29	4 18 13	6°32'20	21°35	10°52	24°58	26°36	0°47	4°47	0°37	9° 5	14°27	14°29	13°24	5°23	n.a.	T 29
F 30	4 22 9	7°32'19	3♓48	11°26	25°36	27°22	0°58	4°55	0°38	9° 4	14°26	14°D28	13°20	5°30	n.a.	F 30
S 31	4 26 6	8♐32'15	16♓18	12♏ 5	26♎15	28♏ 9	1♒ 9	5♐ 2	0♓39	9♈ 3	14♋25	14♈28	13♈17	5♑37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14s41	21s44	4s39	18s41	0n45	4s44	3n16	13s58	0s35	23s 3	1s37	21s11	0s11	12s22	0s50	2n 9	1s56	40n 7	16n59	6n24	6n 1	29s 7			n.a.
F 2	15 1	17 7	4 2	18 24	1 3	4 28	3 26	14 14	0 35	23 1	1 37	21 13	0 11	12 23	0 50	2 8	1 56	40 8	17 0	6 24	6 0	29 7			n.a.
S 3	15 20	11 41	3 12	18 4	1 22	4 13	3 36	14 31	0 36	22 59	1 37	21 14	0 11	12 23	0 50	2 8	1 56	40 8	17 0	6 25	5 59	29 7			n.a.
S 4	15 40	5 37	2 12	17 41	1 41	4 0	3 45	14 48	0 37	22 57	1 36	21 16	0 11	12 23	0 50	2 7	1 56	40 9	17 1	6 25	5 58	29 7			n.a.
M 5	15 59	0n54	1 2	17 15	2 0	3 48	3 53	15 4	0 37	22 56	1 36	21 18	0 11	12 23	0 50	2 7	1 56	40 10	17 1	6 26	5 56	29 7			n.a.
T 6	16 18	7 34	0n13	16 48	2 18	3 38	4 1	15 21	0 38	22 54	1 36	21 19	0 11	12 23	0 50	2 6	1 55	40 10	17 2	6 26	5 55	29 7			n.a.
W 7	16 37	14 5	1 30	16 18	2 35	3 29	4 8	15 37	0 38	22 52	1 36	21 21	0 11	12 23	0 50	2 6	1 55	40 11	17 2	6 26	5 54	29 7			n.a.
T 8	16 55	19 59	2 42	15 48	2 51	3 21	4 14	15 53	0 39	22 50	1 35	21 22	0 11	12 23	0 50	2 5	1 55	40 11	17 3	6 25	5 52	29 7			n.a.
F 9	17 13	24 47	3 45	15 17	3 6	3 15	4 20	16 9	0 40	22 48	1 35	21 24	0 11	12 23	0 49	2 5	1 55	40 12	17 3	6 23	5 51	29 7			n.a.
S 10	17 31	27 57	4 33	14 46	3 18	3 11	4 26	16 24	0 40	22 46	1 35	21 25	0 12	12 23	0 49	2 4	1 55	40 13	17 4	6 21	5 50	29 7			n.a.
S 11	17 48	29 9	5 2	14 16	3 29	3 8	4 31	16 40	0 41	22 44	1 34	21 27	0 12	12 23	0 49	2 4	1 55	40 13	17 4	6 19	5 49	29 7			n.a.
M12	18 5	28 14	5 11	13 48	3 38	3 6	4 35	16 55	0 41	22 42	1 34	21 29	0 12	12 23	0 49	2 3	1 55	40 14	17 5	6 18	5 47	29 7			n.a.
T 13	18 22	25 26	5 0	13 22	3 44	3 6	4 39	17 10	0 42	22 39	1 34	21 30	0 12	12 23	0 49	2 3	1 55	40 14	17 5	6 16	5 46	29 7			n.a.
W14	18 38	21 7	4 31	12 58	3 48	3 7	4 43	17 25	0 43	22 37	1 34	21 32	0 12	12 23	0 49	2 2	1 55	40 15	17 6	6 16	5 45	29 7			n.a.
T 15	18 55	15 47	3 47	12 38	3 50	3 9	4 46	17 40	0 43	22 35	1 33	21 33	0 12	12 23	0 49	2 2	1 55	40 16	17 6	6 16	5 44	29 7			n.a.
F 16	19 10	9 48	2 51	12 21	3 50	3 12	4 49	17 55	0 44	22 33	1 33	21 35	0 12	12 22	0 49	2 1	1 55	40 16	17 7	6 16	5 42	29 7			n.a.
S 17	19 26	3 31	1 47	12 8	3 48	3 17	4 51	18 9	0 44	22 31	1 33	21 36	0 12	12 22	0 49	2 1	1 55	40 17	17 7	6 17	5 41	29 7			n.a.
S 18	19 41	2s46	0 39	11 58	3 44	3 22	4 53	18 23	0 45	22 28	1 33	21 38	0 12	12 22	0 49	2 1	1 55	40 17	17 8	6 17	5 40	29 7			n.a.
M19	19 55	8 51	0s29	11 52	3 39	3 29	4 54	18 37	0 45	22 26	1 32	21 39	0 12	12 22	0 49	2 0	1 55	40 18	17 8	6 17	5 39	29 7			n.a.
T 20	20 10	14 30	1 35	11 49	3 33	3 37	4 55	18 51	0 46	22 24	1 32	21 41	0 12	12 22	0 49	2 0	1 55	40 19	17 9	6 17	5 37	29 7			n.a.
W21	20 24	19 31	2 36	11 50	3 25	3 46	4 56	19 5	0 47	22 21	1 32	21 43	0 12	12 22	0 49	2 0	1 55	40 19	17 9	6 15	5 36	29 7			n.a.
T 22	20 37	23 39	3 29	11 54	3 17	3 55	4 57	19 18	0 47	22 19	1 32	21 44	0 13	12 21	0 49	1 59	1 55	40 20	17 10	6 13	5 35	29 7			n.a.
F 23	20 50	26 43	4 11	12 1	3 8	4 6	4 57	19 31	0 48	22 16	1 31	21 46	0 13	12 21	0 49	1 59	1 55	40 20	17 10	6 10	5 33	29 7			n.a.
S 24	21 3	28 34	4 42	12 11	2 58	4 17	4 57	19 44	0 48	22 14	1 31	21 47	0 13	12 21	0 49	1 59	1 55	40 21	17 11	6 6	5 32	29 7			n.a.
S 25	21 15	29 4	5 1	12 23	2 48	4 29	4 56	19 57	0 49	22 11	1 31	21 49	0 13	12 20	0 49	1 58	1 54	40 21	17 11	6 2	5 31	29 6			n.a.
M26	21 27	28 13	5 6	12 37	2 37	4 42	4 56	20 10	0 49	22 9	1 31	21 50	0 13	12 20	0 49	1 58	1 54	40 22	17 11	5 59	5 30	29 6			n.a.
T 27	21 39	26 6	4 59	12 54	2 27	4 56	4 55	20 22	0 50	22 6	1 31	21 52	0 13	12 20	0 49	1 58	1 54	40 23	17 12	5 56	5 28	29 6			n.a.
W28	21 50	22 49	4 38	13 12	2 16	5 10	4 54	20 34	0 50	22 4	1 30	21 53	0 13	12 19	0 49	1 58	1 54	40 23	17 12	5 53	5 27	29 6			n.a.
T 29	22 1	18 33	4 5	13 32	2 5	5 25	4 52	20 46	0 51	22 1	1 30	21 55	0 13	12 19	0 49	1 57	1 54	40 24	17 13	5 52	5 26	29 6			n.a.
F 30	22 11	13 29	3 20	13 54	1 54	5 40	4 51	20 58	0 51	21 58	1 30	21 56	0 13	12 19	0 49	1 57	1 54	40 24	17 13	5 51	5 25	29 6			n.a.
S 31	22s21	7s46	2s25	14s16	1n43	5s56	4n49	21s 9	0s52	21s56	1s30	21s58	0s13	12s18	0s48	1n57	1s54	40n25	17n13	5n52	5n23	29s 5			n.a.

Julian Day Number = 189898.5, Delta T = 32h29m59s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'38, Lahiri = -61°33'37 Julian Calendar 1 Dec. 4194 BCE == Greg. Calendar 29 Oct. 4194 BCE

The year -4193 astronomical counting style corresponds to year 4194 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

JANUARY 4193 BCE (-4192) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 30 2	9♐32'08	29♓ 9	12♏47	26♎55	28♏56	1♒20	5♐10	0♓40	9°R 2	14°R24	14♈29	13♈14	5♑44	n.a.	S 1
M 2	4 33 59	10°31'59	12♈25	13°34	27°36	29°43	1°31	5°17	0°42	9♈ 2	14♋22	14°R30	13°11	5°50	n.a.	M 2
T 3	4 37 56	11°31'48	26° 9	14°24	28°19	0♐30	1°43	5°25	0°43	9° 1	14°21	14°29	13° 8	5°57	n.a.	T 3
W 4	4 41 52	12°31'34	10♉23	15°17	29° 2	1°17	1°54	5°32	0°44	9° 1	14°20	14°26	13° 5	6° 4	n.a.	W 4
T 5	4 45 49	13°31'18	25° 3	16°13	29°46	2° 3	2° 5	5°40	0°45	9° 0	14°18	14°21	13° 1	6°10	n.a.	T 5
F 6	4 49 45	14°30'59	10♊ 5	17°12	0♏32	2°50	2°17	5°47	0°46	8°59	14°17	14°14	12°58	6°17	n.a.	F 6
S 7	4 53 42	15°30'39	25°19	18°13	1°18	3°37	2°29	5°55	0°48	8°59	14°16	14° 5	12°55	6°24	n.a.	S 7
S 8	4 57 38	16°30'16	10♋34	19°17	2° 5	4°23	2°40	6° 2	0°49	8°59	14°14	13°55	12°52	6°31	n.a.	S 8
M 9	5 1 35	17°29'51	25°39	20°23	2°53	5°10	2°52	6°10	0°51	8°58	14°13	13°46	12°49	6°37	n.a.	M 9
T 10	5 5 31	18°29'24	10♌26	21°32	3°42	5°57	3° 4	6°17	0°52	8°58	14°11	13°39	12°46	6°44	n.a.	T 10
W11	5 9 28	19°28'54	24°49	22°43	4°31	6°43	3°16	6°24	0°54	8°57	14°10	13°35	12°42	6°51	n.a.	W11
T 12	5 13 24	20°28'23	8♍45	23°55	5°21	7°30	3°28	6°32	0°55	8°57	14° 8	13°32	12°39	6°58	n.a.	T 12
F 13	5 17 21	21°27'50	22°14	25°10	6°12	8°16	3°40	6°39	0°57	8°57	14° 7	13°D32	12°36	7° 4	n.a.	F 13
S 14	5 21 18	22°27'14	5♎19	26°26	7° 4	9° 3	3°53	6°47	0°59	8°57	14° 5	13°32	12°33	7°11	n.a.	S 14
S 15	5 25 14	23°26'37	18° 4	27°45	7°56	9°49	4° 5	6°54	1° 0	8°56	14° 4	13°R32	12°30	7°18	n.a.	S 15
M16	5 29 11	24°25'58	0♏33	29° 4	8°49	10°36	4°17	7° 1	1° 2	8°56	14° 2	13°31	12°26	7°24	n.a.	M16
T 17	5 33 7	25°25'17	12°50	0♐26	9°42	11°22	4°30	7° 9	1° 4	8°56	14° 1	13°27	12°23	7°31	n.a.	T 17
W18	5 37 4	26°24'33	24°57	1°49	10°36	12° 9	4°42	7°16	1° 6	8°56	13°59	13°21	12°20	7°38	n.a.	W18
T 19	5 41 0	27°23'48	6♐58	3°14	11°31	12°55	4°55	7°23	1° 8	8°56	13°58	13°11	12°17	7°45	n.a.	T 19
F 20	5 44 57	28°23'00	18°54	4°40	12°26	13°41	5° 7	7°30	1°10	8°56	13°56	12°59	12°14	7°51	n.a.	F 20
S 21	5 48 53	29°22'10	0♑48	6° 8	13°22	14°28	5°20	7°38	1°12	8°D56	13°55	12°46	12°11	7°58	n.a.	S 21
S 22	5 52 50	0♑21'18	12°40	7°37	14°18	15°14	5°33	7°45	1°14	8°56	13°53	12°32	12° 7	8° 5	n.a.	S 22
M23	5 56 46	1°20'23	24°32	9° 8	15°14	16° 0	5°46	7°52	1°16	8°56	13°51	12°18	12° 4	8°11	n.a.	M23
T 24	6 0 43	2°19'26	6♒26	10°40	16°11	16°46	5°58	7°59	1°18	8°56	13°50	12° 6	12° 1	8°18	n.a.	T 24
W25	6 4 39	3°18'27	18°23	12°13	17° 9	17°32	6°11	8° 6	1°20	8°56	13°48	11°56	11°58	8°25	n.a.	W25
T 26	6 8 36	4°17'25	0♓26	13°48	18° 7	18°19	6°24	8°13	1°22	8°56	13°47	11°50	11°55	8°32	n.a.	T 26
F 27	6 12 33	5°16'20	12°40	15°25	19° 5	19° 5	6°37	8°20	1°25	8°56	13°45	11°46	11°52	8°38	n.a.	F 27
S 28	6 16 29	6°15'13	25° 8	17° 3	20° 4	19°51	6°50	8°27	1°27	8°56	13°43	11°44	11°48	8°45	n.a.	S 28
S 29	6 20 26	7°14'04	7♈54	18°42	21° 3	20°37	7° 3	8°34	1°29	8°57	13°42	11°44	11°45	8°52	n.a.	S 29
M30	6 24 22	8°12'52	21° 3	20°22	22° 2	21°23	7°17	8°41	1°32	8°57	13°40	11°44	11°42	8°59	n.a.	M30
T 31	6 28 19	9♑11'37	4♉39	22♐ 5	23♏ 2	22♐ 8	7♒30	8♐48	1♓34	8♈57	13♋38	11♈43	11♈39	9♑ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	22s30	1s35	1s21	14s40	1n32	6s13	4n47	21s20	0s52	21s53	1s29	21s59	0s13	12s18	0s48	1n57	1s54	40n25	17n14	5n52	5n22	29s 5			n.a.
M 2	22 39	4n52	0 11	15 5	1 21	6 30	4 45	21 31	0 53	21 50	1 29	22 1	0 13	12 17	0 48	1 56	1 54	40 26	17 14	5 52	5 21	29 5			n.a.
T 3	22 48	11 20	1n 2	15 30	1 10	6 47	4 42	21 42	0 53	21 47	1 29	22 2	0 14	12 17	0 48	1 56	1 54	40 26	17 15	5 52	5 20	29 5			n.a.
W 4	22 56	17 28	2 14	15 56	0 59	7 5	4 40	21 53	0 54	21 44	1 29	22 4	0 14	12 16	0 48	1 56	1 54	40 27	17 15	5 51	5 18	29 5			n.a.
T 5	23 4	22 47	3 19	16 23	0 49	7 24	4 37	22 3	0 54	21 41	1 29	22 5	0 14	12 16	0 48	1 56	1 54	40 27	17 15	5 49	5 17	29 4			n.a.
F 6	23 11	26 44	4 12	16 50	0 39	7 43	4 34	22 13	0 55	21 39	1 28	22 6	0 14	12 15	0 48	1 56	1 54	40 28	17 16	5 46	5 16	29 4			n.a.
S 7	23 18	28 49	4 47	17 17	0 29	8 2	4 31	22 23	0 55	21 36	1 28	22 8	0 14	12 15	0 48	1 56	1 54	40 28	17 16	5 42	5 14	29 4			n.a.
S 8	23 25	28 43	5 3	17 44	0 19	8 21	4 28	22 32	0 56	21 33	1 28	22 9	0 14	12 14	0 48	1 55	1 54	40 29	17 16	5 39	5 13	29 4			n.a.
M 9	23 31	26 28	4 57	18 12	0 9	8 41	4 25	22 41	0 56	21 30	1 28	22 11	0 14	12 14	0 48	1 55	1 53	40 29	17 17	5 35	5 12	29 3			n.a.
T 10	23 36	22 27	4 31	18 40	0 0	9 1	4 21	22 50	0 57	21 27	1 28	22 12	0 14	12 13	0 48	1 55	1 53	40 30	17 17	5 32	5 11	29 3			n.a.
W11	23 41	17 12	3 49	19 7	0s 9	9 21	4 18	22 59	0 57	21 24	1 28	22 14	0 14	12 13	0 48	1 55	1 53	40 30	17 17	5 30	5 9	29 3			n.a.
T 12	23 46	11 11	2 54	19 34	0 18	9 42	4 14	23 8	0 58	21 21	1 27	22 15	0 14	12 12	0 48	1 55	1 53	40 31	17 17	5 29	5 8	29 3			n.a.
F 13	23 50	4 51	1 51	20 1	0 26	10 2	4 10	23 16	0 58	21 17	1 27	22 16	0 14	12 11	0 48	1 55	1 53	40 31	17 18	5 29	5 7	29 2			n.a.
S 14	23 54	1s31	0 43	20 28	0 34	10 23	4 7	23 24	0 58	21 14	1 27	22 18	0 15	12 11	0 48	1 55	1 53	40 32	17 18	5 29	5 6	29 2			n.a.
S 15	23 57	7 39	0s24	20 54	0 42	10 44	4 3	23 31	0 59	21 11	1 27	22 19	0 15	12 10	0 48	1 55	1 53	40 32	17 18	5 29	5 4	29 2			n.a.
M16	24 0	13 22	1 29	21 20	0 50	11 5	3 59	23 39	0 59	21 8	1 27	22 20	0 15	12 9	0 48	1 55	1 53	40 33	17 18	5 29	5 3	29 1			n.a.
T 17	24 2	18 29	2 29	21 45	0 57	11 26	3 54	23 46	1 0	21 5	1 27	22 22	0 15	12 9	0 48	1 55	1 53	40 33	17 19	5 27	5 2	29 1			n.a.
W18	24 4	22 47	3 20	22 9	1 4	11 47	3 50	23 53	1 0	21 1	1 26	22 23	0 15	12 8	0 48	1 55	1 53	40 33	17 19	5 25	5 0	29 1			n.a.
T 19	24 5	26 4	4 3	22 33	1 11	12 8	3 46	23 59	1 0	20 58	1 26	22 24	0 15	12 7	0 48	1 55	1 53	40 34	17 19	5 21	4 59	29 0			n.a.
F 20	24 6	28 11	4 34	22 56	1 17	12 30	3 42	24 6	1 1	20 55	1 26	22 26	0 15	12 6	0 48	1 55	1 53	40 34	17 19	5 16	4 58	29 0			n.a.
S 21	24 7	29 0	4 53	23 18	1 23	12 51	3 37	24 12	1 1	20 52	1 26	22 27	0 15	12 6	0 48	1 55	1 53	40 35	17 20	5 11	4 57	29 0			n.a.
S 22	24 7	28 28	5 0	23 39	1 28	13 12	3 33	24 18	1 2	20 48	1 26	22 28	0 15	12 5	0 48	1 55	1 53	40 35	17 20	5 5	4 55	28 59			n.a.
M23	24 7	26 37	4 53	23 59	1 34	13 33	3 28	24 23	1 2	20 45	1 26	22 30	0 15	12 4	0 47	1 55	1 52	40 35	17 20	5 0	4 54	28 59			n.a.
T 24	24 6	23 36	4 34	24 18	1 38	13 54	3 24	24 28	1 2	20 41	1 26	22 31	0 15	12 3	0 47	1 55	1 52	40 36	17 20	4 55	4 53	28 58			n.a.
W25	24 4	19 34	4 2	24 36	1 43	14 15	3 19	24 33	1 3	20 38	1 25	22 32	0 16	12 2	0 47	1 56	1 52	40 36	17 20	4 51	4 52	28 58			n.a.
T 26	24 3	14 43	3 19	24 52	1 47	14 36	3 14	24 38	1 3	20 34	1 25	22 33	0 16	12 1	0 47	1 56	1 52	40 36	17 20	4 48	4 50	28 58			n.a.
F 27	24 0	9 15	2 27	25 7	1 50	14 57	3 10	24 43	1 3	20 31	1 25	22 35	0 16	12 1	0 47	1 56	1 52	40 37	17 20	4 47	4 49	28 57			n.a.
S 28	23 58	3 18	1 26	25 21	1 53	15 18	3 5	24 47	1 4	20 27	1 25	22 36	0 16	12 0	0 47	1 56	1 52	40 37	17 21	4 46	4 48	28 57			n.a.
S 29	23 55	2n55	0 20	25 33	1 56	15 38	3 0	24 51	1 4	20 24	1 25	22 37	0 16	11 59	0 47	1 56	1 52	40 37	17 21	4 46	4 46	28 56			n.a.
M30	23 51	9 12	0n49	25 43	1 58	15 58	2 55	24 54	1 5	20 20	1 25	22 38	0 16	11 58	0 47	1 56	1 52	40 38	17 21	4 46	4 45	28 56			n.a.
T 31	23s47	15n17	1n58	25s52	2s 0	16s19	2n50	24s57	1s 5	20s17	1s25	22s40	0s16	11s57	0s47	1n56	1s52	40n38	17n21	4n45	4n44	28s55			n.a.

Julian Day Number = 189929.5, Delta T = 32h29m55s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'34, Lahiri = -61°33'33 Julian Calendar 1 Jan. 4193 BCE == Greg. Calendar 29 Nov. 4194 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

FEBRUARY 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 32 15	10♉10'20	18♉44	23♐48	24♏ 2	22♐54	7♒43	8♐55	1♓36	8♈58	13°R37	11°R39	11♈36	9♉12	n.a.	W 1
T 2	6 36 12	11° 9'01	3♊18	25°33	25° 2	23°40	7°56	9° 2	1°39	8°58	13♋35	11♈33	11°32	9°19	n.a.	T 2
F 3	6 40 8	12° 7'39	18°16	27°20	26° 3	24°26	8°10	9° 8	1°41	8°58	13°33	11°25	11°29	9°25	n.a.	F 3
S 4	6 44 5	13° 6'15	3♋31	29° 8	27° 4	25°12	8°23	9°15	1°44	8°59	13°32	11°15	11°26	9°32	n.a.	S 4
S 5	6 48 1	14° 4'49	18°52	0♉57	28° 5	25°57	8°36	9°22	1°47	8°59	13°30	11° 3	11°23	9°39	n.a.	S 5
M 6	6 51 58	15° 3'20	4♌ 8	2°48	29° 7	26°43	8°50	9°28	1°49	9° 0	13°28	10°53	11°20	9°46	n.a.	M 6
T 7	6 55 54	16° 1'50	19° 8	4°40	0♑ 8	27°29	9° 3	9°35	1°52	9° 0	13°27	10°44	11°17	9°52	n.a.	T 7
W 8	6 59 51	17° 0'17	3♍44	6°34	1°11	28°14	9°17	9°41	1°54	9° 1	13°25	10°38	11°13	9°59	n.a.	W 8
T 9	7 3 47	17°58'43	17°51	8°30	2°13	29° 0	9°31	9°48	1°57	9° 2	13°23	10°34	11°10	10° 6	n.a.	T 9
F 10	7 7 44	18°57'06	1♎28	10°27	3°16	29°45	9°44	9°54	2° 0	9° 2	13°22	10°33	11° 7	10°13	n.a.	F 10
S 11	7 11 41	19°55'28	14°38	12°25	4°19	0♉30	9°58	10° 1	2° 3	9° 3	13°20	10°33	11° 4	10°19	n.a.	S 11
S 12	7 15 37	20°53'48	27°23	14°25	5°22	1°16	10°11	10° 7	2° 5	9° 4	13°18	10°33	11° 1	10°26	n.a.	S 12
M13	7 19 34	21°52'06	9♏50	16°26	6°25	2° 1	10°25	10°13	2° 8	9° 4	13°17	10°32	10°57	10°33	n.a.	M13
T 14	7 23 30	22°50'23	22° 2	18°28	7°29	2°47	10°39	10°20	2°11	9° 5	13°15	10°28	10°54	10°39	n.a.	T 14
W15	7 27 27	23°48'37	4♐ 4	20°32	8°32	3°32	10°53	10°26	2°14	9° 6	13°14	10°23	10°51	10°46	n.a.	W15
T 16	7 31 23	24°46'50	15°59	22°37	9°36	4°17	11° 6	10°32	2°17	9° 7	13°12	10°14	10°48	10°53	n.a.	T 16
F 17	7 35 20	25°45'02	27°51	24°43	10°41	5° 2	11°20	10°38	2°20	9° 8	13°10	10° 3	10°45	11° 0	n.a.	F 17
S 18	7 39 16	26°43'11	9♉42	26°49	11°45	5°47	11°34	10°44	2°23	9° 9	13° 9	9°50	10°42	11° 6	n.a.	S 18
S 19	7 43 13	27°41'18	21°35	28°57	12°50	6°32	11°48	10°50	2°26	9°10	13° 7	9°37	10°38	11°13	n.a.	S 19
M20	7 47 9	28°39'24	3♒30	1♒ 4	13°54	7°17	12° 2	10°56	2°29	9°10	13° 6	9°24	10°35	11°20	n.a.	M20
T 21	7 51 6	29°37'27	15°28	3°12	14°59	8° 2	12°16	11° 2	2°32	9°11	13° 4	9°13	10°32	11°27	n.a.	T 21
W22	7 55 2	0♒35'29	27°33	5°20	16° 4	8°47	12°29	11° 8	2°35	9°13	13° 2	9° 3	10°29	11°33	n.a.	W22
T 23	7 58 59	1°33'28	9♓44	7°28	17°10	9°32	12°43	11°13	2°38	9°14	13° 1	8°57	10°26	11°40	n.a.	T 23
F 24	8 2 55	2°31'25	22° 5	9°35	18°15	10°17	12°57	11°19	2°41	9°15	12°59	8°54	10°23	11°47	n.a.	F 24
S 25	8 6 52	3°29'21	4♈38	11°41	19°21	11° 2	13°11	11°25	2°44	9°16	12°58	8°D52	10°19	11°53	n.a.	S 25
S 26	8 10 49	4°27'14	17°27	13°46	20°26	11°46	13°25	11°30	2°47	9°17	12°56	8°52	10°16	12° 0	n.a.	S 26
M27	8 14 45	5°25'05	0♉35	15°50	21°32	12°31	13°39	11°36	2°51	9°18	12°55	8°R53	10°13	12° 7	n.a.	M27
T 28	8 18 42	6°22'54	14° 6	17°52	22°38	13°15	13°53	11°41	2°54	9°19	12°53	8°53	10°10	12°14	n.a.	T 28
W29	8 22 38	7♒20'42	28♉ 1	19♒51	23♐44	14♉ 0	14♒ 7	11♐47	2♓57	9♈20	12♋52	8♈51	10♈ 7	12♉20	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s43	20n47	3n 2	25s59	2s 1	16s38	2n46	25s 0	1s 5	20s13	1s24	22s41	0s16	11s56	0s47	1n57	1s52	40n38	17n21	4n44	4n43	28s55		n.a.
T 2	23 38	25 16	3 56	26 5	2 2	16 58	2 41	25 3	1 5	20 9	1 24	22 42	0 16	11 55	0 47	1 57	1 52	40 38	17 21	4 42	4 41	28 55		n.a.
F 3	23 33	28 10	4 36	26 8	2 3	17 18	2 36	25 6	1 6	20 6	1 24	22 43	0 16	11 54	0 47	1 57	1 52	40 39	17 21	4 38	4 40	28 54		n.a.
S 4	23 27	29 1	4 57	26 9	2 2	17 37	2 31	25 8	1 6	20 2	1 24	22 44	0 17	11 53	0 47	1 57	1 52	40 39	17 21	4 34	4 39	28 54		n.a.
S 5	23 21	27 39	4 57	26 9	2 2	17 56	2 26	25 10	1 6	19 58	1 24	22 45	0 17	11 52	0 47	1 58	1 52	40 39	17 21	4 30	4 38	28 53		n.a.
M 6	23 14	24 13	4 36	26 6	2 1	18 14	2 21	25 11	1 7	19 54	1 24	22 47	0 17	11 51	0 47	1 58	1 51	40 39	17 21	4 25	4 36	28 53		n.a.
T 7	23 7	19 13	3 56	26 1	1 59	18 32	2 16	25 13	1 7	19 51	1 24	22 48	0 17	11 50	0 47	1 58	1 51	40 40	17 21	4 22	4 35	28 52		n.a.
W 8	23 0	13 13	3 1	25 53	1 56	18 50	2 11	25 14	1 7	19 47	1 24	22 49	0 17	11 49	0 47	1 59	1 51	40 40	17 21	4 19	4 34	28 52		n.a.
T 9	22 52	6 43	1 57	25 44	1 54	19 8	2 6	25 14	1 7	19 43	1 24	22 50	0 17	11 48	0 47	1 59	1 51	40 40	17 21	4 18	4 32	28 51		n.a.
F 10	22 44	0 8	0 48	25 31	1 50	19 25	2 1	25 15	1 8	19 39	1 24	22 51	0 17	11 47	0 47	1 59	1 51	40 40	17 21	4 17	4 31	28 50		n.a.
S 11	22 35	6s15	0s22	25 17	1 46	19 42	1 56	25 15	1 8	19 35	1 23	22 52	0 17	11 46	0 47	1 59	1 51	40 40	17 21	4 17	4 30	28 50		n.a.
S 12	22 26	12 12	1 28	25 0	1 42	19 59	1 51	25 15	1 8	19 31	1 23	22 53	0 17	11 45	0 47	2 0	1 51	40 41	17 21	4 17	4 29	28 49		n.a.
M13	22 17	17 30	2 28	24 40	1 36	20 15	1 46	25 15	1 9	19 27	1 23	22 54	0 17	11 44	0 47	2 0	1 51	40 41	17 21	4 17	4 27	28 49		n.a.
T 14	22 7	22 1	3 20	24 18	1 31	20 30	1 42	25 14	1 9	19 24	1 23	22 55	0 18	11 43	0 47	2 1	1 51	40 41	17 21	4 16	4 26	28 48		n.a.
W15	21 57	25 32	4 3	23 53	1 24	20 46	1 37	25 13	1 9	19 20	1 23	22 56	0 18	11 42	0 47	2 1	1 51	40 41	17 21	4 13	4 25	28 48		n.a.
T 16	21 46	27 54	4 34	23 26	1 17	21 1	1 32	25 12	1 9	19 16	1 23	22 57	0 18	11 41	0 47	2 1	1 51	40 41	17 21	4 10	4 23	28 47		n.a.
F 17	21 36	29 0	4 54	22 56	1 10	21 15	1 27	25 11	1 9	19 12	1 23	22 58	0 18	11 40	0 47	2 2	1 51	40 41	17 21	4 5	4 22	28 46		n.a.
S 18	21 24	28 44	5 0	22 24	1 2	21 29	1 22	25 9	1 10	19 8	1 23	22 59	0 18	11 39	0 47	2 2	1 51	40 41	17 21	4 0	4 21	28 46		n.a.
S 19	21 13	27 10	4 54	21 49	0 53	21 42	1 17	25 7	1 10	19 4	1 23	23 0	0 18	11 37	0 47	2 3	1 51	40 41	17 21	3 55	4 20	28 45		n.a.
M20	21 1	24 22	4 35	21 12	0 44	21 55	1 13	25 5	1 10	18 59	1 23	23 1	0 18	11 36	0 47	2 3	1 50	40 42	17 21	3 50	4 18	28 45		n.a.
T 21	20 48	20 30	4 3	20 33	0 34	22 7	1 8	25 2	1 10	18 55	1 23	23 2	0 18	11 35	0 47	2 4	1 50	40 42	17 21	3 45	4 17	28 44		n.a.
W22	20 36	15 47	3 20	19 52	0 24	22 19	1 3	24 59	1 10	18 51	1 23	23 3	0 18	11 34	0 47	2 4	1 50	40 42	17 20	3 41	4 16	28 43		n.a.
T 23	20 22	10 25	2 28	19 9	0 14	22 31	0 59	24 56	1 11	18 47	1 23	23 4	0 19	11 33	0 46	2 5	1 50	40 42	17 20	3 39	4 15	28 43		n.a.
F 24	20 9	4 34	1 28	18 25	0 3	22 41	0 54	24 53	1 11	18 43	1 23	23 5	0 19	11 32	0 46	2 5	1 50	40 42	17 20	3 37	4 13	28 42		n.a.
S 25	19 55	1n33	0 23	17 39	0n 7	22 52	0 49	24 49	1 11	18 39	1 22	23 6	0 19	11 30	0 46	2 6	1 50	40 42	17 20	3 37	4 12	28 41		n.a.
S 26	19 41	7 44	0n46	16 52	0 18	23 1	0 45	24 46	1 11	18 35	1 22	23 7	0 19	11 29	0 46	2 6	1 50	40 42	17 20	3 37	4 11	28 41		n.a.
M27	19 27	13 45	1 53	16 4	0 29	23 10	0 40	24 42	1 11	18 30	1 22	23 8	0 19	11 28	0 46	2 7	1 50	40 42	17 20	3 37	4 9	28 40		n.a.
T 28	19 12	19 19	2 56	15 16	0 41	23 19	0 36	24 37	1 11	18 26	1 22	23 8	0 19	11 27	0 46	2 7	1 50	40 42	17 19	3 37	4 8	28 39		n.a.
W29	18s57	24n 1	3n51	14s28	0n52	23s27	0n31	24s33	1s12	18s22	1s22	23s 9	0s19	11s26	0s46	2n 8	1s50	40n42	17n19	3n36	4n 7	28s39		n.a.

Julian Day Number = 189960.5, Delta T = 32h29m52s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'30, Lahiri = -61°33'29 Julian Calendar 1 Feb. 4193 BCE == Greg. Calendar 30 Dec. 4194 BCE

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

MARCH 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 35	8♒18'27	12♊22	21♒49	24♐51	14♑44	14♒21	11♐52	3♓ 0	9♈22	12°R50	8°R47	10♈ 3	12♑27	n.a.	T 1
F 2	8 30 31	9°16'10	27° 5	23°44	25°57	15°29	14°35	11°57	3° 4	9°23	12♋49	8♈41	10° 0	12°34	n.a.	F 2
S 3	8 34 28	10°13'52	12♋ 6	25°36	27° 4	16°13	14°49	12° 2	3° 7	9°24	12°47	8°33	9°57	12°41	n.a.	S 3
S 4	8 38 24	11°11'31	27°16	27°25	28°10	16°58	15° 3	12° 7	3°10	9°26	12°46	8°25	9°54	12°47	n.a.	S 4
M 5	8 42 21	12° 9'09	12♌25	29°11	29°17	17°42	15°17	12°12	3°13	9°27	12°45	8°16	9°51	12°54	n.a.	M 5
T 6	8 46 17	13° 6'45	27°22	0♓53	0♑24	18°26	15°31	12°17	3°17	9°28	12°43	8°10	9°48	13° 1	n.a.	T 6
W 7	8 50 14	14° 4'20	12♍ 0	2°32	1°31	19°10	15°45	12°22	3°20	9°30	12°42	8° 5	9°44	13° 7	n.a.	W 7
T 8	8 54 10	15° 1'53	26°12	4° 8	2°38	19°54	15°59	12°27	3°23	9°31	12°40	8° 2	9°41	13°14	n.a.	T 8
F 9	8 58 7	15°59'25	9♎56	5°40	3°46	20°38	16°13	12°32	3°27	9°33	12°39	8°D 2	9°38	13°21	n.a.	F 9
S 10	9 2 4	16°56'56	23°12	7° 9	4°53	21°22	16°27	12°36	3°30	9°34	12°38	8° 2	9°35	13°28	n.a.	S 10
S 11	9 6 0	17°54'26	6♏ 3	8°34	6° 1	22° 6	16°42	12°41	3°34	9°36	12°37	8° 4	9°32	13°34	n.a.	S 11
M12	9 9 57	18°51'54	18°33	9°55	7° 8	22°50	16°56	12°45	3°37	9°37	12°35	8°R 4	9°29	13°41	n.a.	M12
T 13	9 13 53	19°49'22	0♐46	11°12	8°16	23°34	17°10	12°50	3°40	9°39	12°34	8° 3	9°25	13°48	n.a.	T 13
W14	9 17 50	20°46'48	12°48	12°25	9°24	24°18	17°24	12°54	3°44	9°40	12°33	8° 1	9°22	13°55	n.a.	W14
T 15	9 21 46	21°44'14	24°42	13°35	10°32	25° 2	17°38	12°58	3°47	9°42	12°32	7°56	9°19	14° 1	n.a.	T 15
F 16	9 25 43	22°41'38	6♑34	14°40	11°40	25°45	17°52	13° 3	3°51	9°44	12°30	7°50	9°16	14° 8	n.a.	F 16
S 17	9 29 39	23°39'01	18°26	15°42	12°48	26°29	18° 6	13° 7	3°54	9°45	12°29	7°43	9°13	14°15	n.a.	S 17
S 18	9 33 36	24°36'23	0♒20	16°39	13°56	27°13	18°20	13°11	3°58	9°47	12°28	7°35	9° 9	14°21	n.a.	S 18
M19	9 37 33	25°33'44	12°21	17°32	15° 4	27°56	18°34	13°15	4° 1	9°49	12°27	7°27	9° 6	14°28	n.a.	M19
T 20	9 41 29	26°31'03	24°28	18°21	16°13	28°40	18°48	13°18	4° 4	9°50	12°26	7°20	9° 3	14°35	n.a.	T 20
W21	9 45 26	27°28'22	6♓43	19° 6	17°21	29°23	19° 1	13°22	4° 8	9°52	12°25	7°15	9° 0	14°42	n.a.	W21
T 22	9 49 22	28°25'39	19° 8	19°46	18°30	0♒ 6	19°15	13°26	4°11	9°54	12°24	7°11	8°57	14°48	n.a.	T 22
F 23	9 53 19	29°22'56	1♈43	20°22	19°39	0°50	19°29	13°29	4°15	9°56	12°23	7°D10	8°54	14°55	n.a.	F 23
S 24	9 57 15	0♓20'10	14°30	20°53	20°47	1°33	19°43	13°33	4°18	9°57	12°22	7°10	8°50	15° 2	n.a.	S 24
S 25	10 1 12	1°17'24	27°32	21°20	21°56	2°16	19°57	13°36	4°22	9°59	12°21	7°11	8°47	15° 9	n.a.	S 25
M26	10 5 8	2°14'37	10♉48	21°42	23° 5	2°59	20°11	13°40	4°25	10° 1	12°20	7°13	8°44	15°15	n.a.	M26
T 27	10 9 5	3°11'48	24°22	22° 0	24°14	3°42	20°25	13°43	4°29	10° 3	12°19	7°14	8°41	15°22	n.a.	T 27
W28	10 13 1	4° 8'58	8♊14	22°13	25°23	4°25	20°39	13°46	4°32	10° 5	12°18	7°R14	8°38	15°29	n.a.	W28
T 29	10 16 58	5° 6'07	22°25	22°21	26°32	5° 8	20°52	13°49	4°36	10° 7	12°17	7°13	8°35	15°35	n.a.	T 29
F 30	10 20 55	6° 3'15	6♋52	22°R24	27°41	5°51	21° 6	13°52	4°39	10° 8	12°17	7°10	8°31	15°42	n.a.	F 30
S 31	10 24 51	7♓ 0'22	21♋32	22♓23	28♑51	6♒34	21♒20	13♐55	4♓43	10♈10	12♋16	7♈ 7	8♈28	15♑49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	18s42	27n25	4n33	13s39	1n 3	23s34	0n27	24s28	1s12	18s18	1s22	23s10	0s19	11s24	0s46	2n 8	1s50	40n42	17n19	3n35	4n 6	28s38			n.a.
F 2	18 26	29 3	4 58	12 50	1 13	23 41	0 23	24 23	1 12	18 14	1 22	23 11	0 19	11 23	0 46	2 9	1 50	40 42	17 19	3 32	4 4	28 37			n.a.
S 3	18 11	28 35	5 4	12 2	1 24	23 47	0 18	24 17	1 12	18 9	1 22	23 12	0 20	11 22	0 46	2 9	1 50	40 42	17 19	3 29	4 3	28 37			n.a.
S 4	17 54	26 0	4 48	11 15	1 34	23 52	0 14	24 12	1 12	18 5	1 22	23 13	0 20	11 21	0 46	2 10	1 50	40 41	17 18	3 26	4 2	28 36			n.a.
M 5	17 38	21 35	4 12	10 28	1 44	23 57	0 10	24 6	1 12	18 1	1 22	23 13	0 20	11 19	0 46	2 11	1 50	40 41	17 18	3 22	4 0	28 35			n.a.
T 6	17 21	15 50	3 20	9 43	1 53	24 1	0 6	24 0	1 12	17 56	1 22	23 14	0 20	11 18	0 46	2 11	1 50	40 41	17 18	3 20	3 59	28 34			n.a.
W 7	17 4	9 19	2 15	8 59	2 2	24 5	0 2	23 54	1 12	17 52	1 22	23 15	0 20	11 17	0 46	2 12	1 49	40 41	17 18	3 18	3 58	28 34			n.a.
T 8	16 47	2 31	1 3	8 16	2 10	24 8	0s 2	23 47	1 12	17 48	1 22	23 16	0 20	11 16	0 46	2 12	1 49	40 41	17 17	3 17	3 57	28 33			n.a.
F 9	16 29	4s12	0s10	7 34	2 18	24 10	0 6	23 41	1 13	17 43	1 22	23 17	0 20	11 14	0 46	2 13	1 49	40 41	17 17	3 16	3 55	28 32			n.a.
S 10	16 12	10 30	1 21	6 54	2 25	24 11	0 10	23 34	1 13	17 39	1 22	23 17	0 20	11 13	0 46	2 14	1 49	40 41	17 17	3 17	3 54	28 31			n.a.
S 11	15 54	16 11	2 25	6 16	2 31	24 12	0 14	23 26	1 13	17 35	1 22	23 18	0 21	11 12	0 46	2 14	1 49	40 41	17 16	3 17	3 53	28 30			n.a.
M12	15 35	21 2	3 20	5 40	2 37	24 13	0 17	23 19	1 13	17 30	1 22	23 19	0 21	11 11	0 46	2 15	1 49	40 41	17 16	3 17	3 51	28 30			n.a.
T 13	15 17	24 53	4 5	5 5	2 42	24 12	0 21	23 11	1 13	17 26	1 22	23 19	0 21	11 9	0 46	2 16	1 49	40 40	17 16	3 17	3 50	28 29			n.a.
W14	14 58	27 34	4 38	4 33	2 46	24 11	0 25	23 4	1 13	17 21	1 22	23 20	0 21	11 8	0 46	2 16	1 49	40 40	17 16	3 16	3 49	28 28			n.a.
T 15	14 39	29 0	4 59	4 2	2 49	24 9	0 28	22 55	1 13	17 17	1 22	23 21	0 21	11 7	0 46	2 17	1 49	40 40	17 15	3 14	3 48	28 27			n.a.
F 16	14 20	29 4	5 7	3 34	2 52	24 7	0 32	22 47	1 13	17 12	1 22	23 21	0 21	11 5	0 46	2 18	1 49	40 40	17 15	3 12	3 46	28 26			n.a.
S 17	14 1	27 48	5 2	3 8	2 54	24 4	0 35	22 39	1 13	17 8	1 22	23 22	0 21	11 4	0 46	2 19	1 49	40 40	17 15	3 9	3 45	28 26			n.a.
S 18	13 41	25 16	4 44	2 45	2 55	24 0	0 39	22 30	1 13	17 4	1 22	23 23	0 21	11 3	0 46	2 19	1 49	40 39	17 14	3 5	3 44	28 25			n.a.
M19	13 22	21 37	4 13	2 23	2 55	23 56	0 42	22 21	1 13	16 59	1 22	23 23	0 21	11 1	0 46	2 20	1 49	40 39	17 14	3 2	3 42	28 24			n.a.
T 20	13 2	17 2	3 30	2 5	2 54	23 51	0 45	22 12	1 13	16 55	1 22	23 24	0 22	11 0	0 46	2 21	1 49	40 39	17 13	2 59	3 41	28 23			n.a.
W21	12 41	11 43	2 37	1 48	2 52	23 45	0 48	22 3	1 13	16 50	1 22	23 25	0 22	10 59	0 46	2 21	1 49	40 39	17 13	2 57	3 40	28 22			n.a.
T 22	12 21	5 53	1 36	1 35	2 49	23 39	0 51	21 53	1 13	16 46	1 22	23 25	0 22	10 58	0 46	2 22	1 49	40 38	17 13	2 56	3 39	28 21			n.a.
F 23	12 1	0n15	0 30	1 24	2 46	23 32	0 54	21 44	1 13	16 41	1 22	23 26	0 22	10 56	0 46	2 23	1 49	40 38	17 12	2 55	3 37	28 20			n.a.
S 24	11 40	6 29	0n40	1 15	2 41	23 24	0 57	21 34	1 13	16 37	1 22	23 26	0 22	10 55	0 46	2 24	1 49	40 38	17 12	2 55	3 36	28 19			n.a.
S 25	11 19	12 34	1 49	1 9	2 36	23 15	1 0	21 24	1 13	16 32	1 22	23 27	0 22	10 54	0 46	2 25	1 48	40 38	17 12	2 56	3 35	28 19			n.a.
M26	10 58	18 13	2 53	1 7	2 29	23 6	1 2	21 14	1 13	16 28	1 22	23 27	0 22	10 52	0 46	2 25	1 48	40 37	17 11	2 56	3 33	28 18			n.a.
T 27	10 37	23 5	3 49	1 6	2 21	22 57	1 5	21 3	1 13	16 23	1 22	23 28	0 23	10 51	0 46	2 26	1 48	40 37	17 11	2 57	3 32	28 17			n.a.
W28	10 16	26 47	4 33	1 9	2 13	22 46	1 8	20 53	1 13	16 19	1 22	23 28	0 23	10 50	0 46	2 27	1 48	40 37	17 10	2 57	3 31	28 16			n.a.
T 29	9 54	28 55	5 2	1 15	2 3	22 35	1 10	20 42	1 13	16 14	1 22	23 29	0 23	10 48	0 46	2 28	1 48	40 36	17 10	2 57	3 30	28 15			n.a.
F 30	9 33	29 7	5 12	1 23	1 53	22 24	1 13	20 31	1 13	16 10	1 22	23 29	0 23	10 47	0 46	2 28	1 48	40 36	17 10	2 56	3 28	28 14			n.a.
S 31	9s11	27n18	5n 2	1s34	1n41	22s12	1s15	20s20	1s13	16s 5	1s22	23s30	0s23	10s46	0s46	2n29	1s48	40n36	17n 9	2n54	3n27	28s13			n.a.

Julian Day Number = 189989.5, Delta T = 32h29m49s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'26, Lahiri = -61°33'25 Julian Calendar 1 March 4193 BCE == Greg. Calendar 28 Jan. 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

APRIL 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 28 48	7♓57'28	6♌19	22°R18	0♒ 0	7♒16	21♒34	13♐58	4♓46	10♈12	12°R15	7°R 3	8♈25	15♉56	n.a.	S 1
M 2	10 32 44	8°54'33	21° 7	22♓ 8	1°10	7°59	21°47	14° 0	4°50	10°14	12♋14	6♈59	8°22	16° 2	n.a.	M 2
T 3	10 36 41	9°51'37	5♍47	21°54	2°19	8°42	22° 1	14° 3	4°53	10°16	12°14	6°56	8°19	16° 9	n.a.	T 3
W 4	10 40 37	10°48'40	20°12	21°36	3°29	9°24	22°15	14° 5	4°57	10°18	12°13	6°54	8°15	16°16	n.a.	W 4
T 5	10 44 34	11°45'42	4♎17	21°15	4°38	10° 7	22°28	14° 8	5° 0	10°20	12°12	6°D53	8°12	16°22	n.a.	T 5
F 6	10 48 31	12°42'44	17°59	20°51	5°48	10°49	22°42	14°10	5° 4	10°22	12°12	6°53	8° 9	16°29	n.a.	F 6
S 7	10 52 27	13°39'46	1♏16	20°23	6°58	11°32	22°55	14°12	5° 7	10°24	12°11	6°55	8° 6	16°36	n.a.	S 7
S 8	10 56 24	14°36'47	14°10	19°53	8° 8	12°14	23° 9	14°14	5°11	10°26	12°10	6°56	8° 3	16°43	n.a.	S 8
M 9	11 0 20	15°33'48	26°44	19°22	9°18	12°56	23°22	14°16	5°14	10°28	12°10	6°57	8° 0	16°49	n.a.	M 9
T 10	11 4 17	16°30'49	9♐ 1	18°49	10°28	13°38	23°36	14°18	5°18	10°30	12° 9	6°58	7°56	16°56	n.a.	T 10
W11	11 8 13	17°27'50	21° 5	18°15	11°38	14°21	23°49	14°20	5°21	10°33	12° 9	6°R58	7°53	17° 3	n.a.	W11
T 12	11 12 10	18°24'51	3♑ 1	17°41	12°48	15° 3	24° 3	14°22	5°24	10°35	12° 9	6°58	7°50	17°10	n.a.	T 12
F 13	11 16 6	19°21'51	14°54	17° 8	13°58	15°45	24°16	14°23	5°28	10°37	12° 8	6°56	7°47	17°16	n.a.	F 13
S 14	11 20 3	20°18'52	26°47	16°35	15° 8	16°27	24°29	14°25	5°31	10°39	12° 8	6°54	7°44	17°23	n.a.	S 14
S 15	11 24 0	21°15'52	8♒45	16° 4	16°19	17° 9	24°42	14°26	5°35	10°41	12° 7	6°52	7°40	17°30	n.a.	S 15
M16	11 27 56	22°12'52	20°51	15°35	17°29	17°50	24°56	14°28	5°38	10°43	12° 7	6°50	7°37	17°36	n.a.	M16
T 17	11 31 53	23° 9'52	3♓ 7	15° 8	18°39	18°32	25° 9	14°29	5°42	10°45	12° 7	6°48	7°34	17°43	n.a.	T 17
W18	11 35 49	24° 6'52	15°35	14°45	19°50	19°14	25°22	14°30	5°45	10°47	12° 7	6°46	7°31	17°50	n.a.	W18
T 19	11 39 46	25° 3'52	28°16	14°25	21° 1	19°56	25°35	14°31	5°48	10°50	12° 6	6°46	7°28	17°57	n.a.	T 19
F 20	11 43 42	26° 0'51	11♈11	14° 8	22°11	20°37	25°48	14°32	5°52	10°52	12° 6	6°D46	7°25	18° 3	n.a.	F 20
S 21	11 47 39	26°57'51	24°20	13°56	23°22	21°19	26° 1	14°33	5°55	10°54	12° 6	6°46	7°21	18°10	n.a.	S 21
S 22	11 51 36	27°54'50	7♉42	13°48	24°33	22° 0	26°14	14°34	5°58	10°56	12° 6	6°47	7°18	18°17	n.a.	S 22
M23	11 55 32	28°51'49	21°17	13°D44	25°43	22°42	26°27	14°34	6° 1	10°58	12° 6	6°47	7°15	18°23	n.a.	M23
T 24	11 59 29	29°48'48	5♊ 5	13°45	26°54	23°23	26°39	14°35	6° 5	11° 0	12° 6	6°48	7°12	18°30	n.a.	T 24
W25	12 3 25	0♈45'47	19° 4	13°51	28° 5	24° 4	26°52	14°35	6° 8	11° 3	12°D 6	6°48	7° 9	18°37	n.a.	W25
T 26	12 7 22	1°42'46	3♋13	14° 1	29°16	24°45	27° 5	14°35	6°11	11° 5	12° 6	6°R49	7° 6	18°44	n.a.	T 26
F 27	12 11 19	2°39'44	17°29	14°16	0♓27	25°27	27°17	14°36	6°14	11° 7	12° 6	6°48	7° 2	18°50	n.a.	F 27
S 28	12 15 15	3°36'43	1♌51	14°37	1°38	26° 8	27°30	14°R36	6°18	11° 9	12° 6	6°48	6°59	18°57	n.a.	S 28
S 29	12 19 12	4°33'41	16°13	15° 2	2°49	26°49	27°43	14°36	6°21	11°11	12° 6	6°48	6°56	19° 4	n.a.	S 29
M30	12 23 8	5♈30'39	0♍34	15♓32	4♓ 0	27♒30	27♒55	14♐36	6♓24	11♈14	12♋ 6	6♈48	6♈53	19♉11	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8 s49	23n36	4n32	1 s47	1n29	21 s59	1 s17	20 s 9	1 s13	16 s 1	1 s22	23 s30	0 s23	10 s44	0 s46	2n30	1 s48	40n35	17n 9	2n52	3n26	28 s12		n.a.
M 2	8 27	18 24	3 44	2 3	1 15	21 45	1 19	19 57	1 13	15 56	1 22	23 31	0 23	10 43	0 46	2 31	1 48	40 35	17 8	2 51	3 24	28 11		n.a.
T 3	8 5	12 9	2 42	2 22	1 1	21 31	1 21	19 46	1 13	15 51	1 22	23 31	0 23	10 42	0 46	2 32	1 48	40 35	17 8	2 50	3 23	28 10		n.a.
W 4	7 43	5 22	1 30	2 42	0 47	21 17	1 23	19 34	1 12	15 47	1 22	23 32	0 24	10 40	0 46	2 33	1 48	40 34	17 7	2 49	3 22	28 9		n.a.
T 5	7 21	1 s32	0 14	3 5	0 31	21 1	1 25	19 22	1 12	15 42	1 22	23 32	0 24	10 39	0 46	2 33	1 48	40 34	17 7	2 48	3 21	28 8		n.a.
F 6	6 58	8 10	1 s 1	3 30	0 15	20 46	1 27	19 10	1 12	15 38	1 22	23 33	0 24	10 38	0 46	2 34	1 48	40 33	17 6	2 49	3 19	28 7		n.a.
S 7	6 36	14 16	2 10	3 55	0 s 1	20 29	1 29	18 58	1 12	15 33	1 22	23 33	0 24	10 37	0 46	2 35	1 48	40 33	17 6	2 49	3 18	28 6		n.a.
S 8	6 13	19 34	3 11	4 23	0 17	20 12	1 31	18 46	1 12	15 29	1 22	23 33	0 24	10 35	0 46	2 36	1 48	40 33	17 5	2 50	3 17	28 5		n.a.
M 9	5 51	23 52	4 0	4 50	0 34	19 55	1 32	18 33	1 12	15 24	1 23	23 34	0 24	10 34	0 46	2 37	1 48	40 32	17 5	2 50	3 15	28 4		n.a.
T 10	5 28	27 0	4 38	5 19	0 50	19 37	1 34	18 21	1 12	15 20	1 23	23 34	0 24	10 33	0 46	2 38	1 48	40 32	17 5	2 51	3 14	28 3		n.a.
W11	5 5	28 50	5 3	5 47	1 7	19 18	1 35	18 8	1 12	15 15	1 23	23 35	0 25	10 31	0 46	2 39	1 48	40 31	17 4	2 51	3 13	28 2		n.a.
T 12	4 42	29 19	5 14	6 16	1 23	18 59	1 36	17 55	1 12	15 11	1 23	23 35	0 25	10 30	0 46	2 39	1 48	40 31	17 4	2 50	3 12	28 1		n.a.
F 13	4 19	28 25	5 12	6 43	1 38	18 39	1 38	17 42	1 11	15 6	1 23	23 35	0 25	10 29	0 46	2 40	1 48	40 31	17 3	2 50	3 10	28 0		n.a.
S 14	3 57	26 14	4 56	7 10	1 53	18 19	1 39	17 29	1 11	15 2	1 23	23 36	0 25	10 27	0 46	2 41	1 48	40 30	17 3	2 49	3 9	27 59		n.a.
S 15	3 33	22 52	4 28	7 35	2 7	17 59	1 40	17 16	1 11	14 57	1 23	23 36	0 25	10 26	0 46	2 42	1 48	40 30	17 2	2 48	3 8	27 58		n.a.
M16	3 10	18 31	3 47	7 59	2 20	17 38	1 41	17 3	1 11	14 53	1 23	23 36	0 25	10 25	0 46	2 43	1 48	40 29	17 2	2 47	3 6	27 57		n.a.
T 17	2 47	13 22	2 55	8 21	2 33	17 16	1 42	16 49	1 11	14 48	1 23	23 36	0 25	10 24	0 46	2 44	1 48	40 29	17 1	2 46	3 5	27 55		n.a.
W18	2 24	7 35	1 54	8 41	2 44	16 54	1 43	16 35	1 11	14 44	1 23	23 37	0 26	10 22	0 46	2 45	1 48	40 28	17 1	2 46	3 4	27 54		n.a.
T 19	2 1	1 25	0 47	8 58	2 54	16 31	1 43	16 22	1 11	14 39	1 23	23 37	0 26	10 21	0 46	2 46	1 48	40 28	17 0	2 45	3 3	27 53		n.a.
F 20	1 38	4n55	0n24	9 13	3 3	16 8	1 44	16 8	1 10	14 35	1 23	23 37	0 26	10 20	0 46	2 46	1 48	40 27	17 0	2 45	3 1	27 52		n.a.
S 21	1 14	11 10	1 36	9 25	3 11	15 45	1 44	15 54	1 10	14 30	1 23	23 37	0 26	10 19	0 46	2 47	1 48	40 27	16 59	2 46	3 0	27 51		n.a.
S 22	0 51	17 2	2 43	9 34	3 17	15 21	1 45	15 40	1 10	14 26	1 23	23 38	0 26	10 17	0 46	2 48	1 48	40 26	16 59	2 46	2 59	27 50		n.a.
M23	0 28	22 9	3 42	9 41	3 23	14 57	1 45	15 26	1 10	14 22	1 24	23 38	0 26	10 16	0 46	2 49	1 48	40 26	16 58	2 46	2 57	27 49		n.a.
T 24	0 5	26 10	4 29	9 44	3 27	14 32	1 46	15 12	1 10	14 17	1 24	23 38	0 26	10 15	0 46	2 50	1 47	40 25	16 58	2 46	2 56	27 48		n.a.
W25	0n19	28 40	5 1	9 45	3 30	14 8	1 46	14 58	1 9	14 13	1 24	23 38	0 27	10 14	0 46	2 51	1 47	40 25	16 57	2 47	2 55	27 46		n.a.
T 26	0 42	29 20	5 16	9 42	3 32	13 42	1 46	14 43	1 9	14 8	1 24	23 38	0 27	10 12	0 46	2 52	1 47	40 24	16 57	2 47	2 54	27 45		n.a.
F 27	1 5	28 4	5 11	9 37	3 33	13 16	1 46	14 29	1 9	14 4	1 24	23 39	0 27	10 11	0 46	2 53	1 47	40 24	16 56	2 47	2 52	27 44		n.a.
S 28	1 29	24 58	4 47	9 28	3 33	12 50	1 46	14 14	1 9	14 0	1 24	23 39	0 27	10 10	0 46	2 54	1 47	40 23	16 56	2 46	2 51	27 43		n.a.
S 29	1 52	20 18	4 5	9 17	3 31	12 24	1 46	14 0	1 9	13 55	1 24	23 39	0 27	10 9	0 46	2 55	1 47	40 23	16 55	2 46	2 50	27 42		n.a.
M30	2n15	14n30	3n 7	9 s 3	3 s29	11 s57	1 s46	13 s45	1 s 8	13 s51	1 s24	23 s39	0 s27	10 s 8	0 s46	2n55	1 s47	40n22	16n55	2n46	2n48	27 s41		n.a.

Julian Day Number = 190020.5, Delta T = 32h29m46s
Ecliptic obliquity = 24°07'08, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'21, Lahiri = -61°33'21 Julian Calendar 1 Apr. 4193 BCE == Greg. Calendar 28 Feb. 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

MAY 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 27 5	6♈27'37	14♍47	16♓ 7	5♓12	28♒11	28♒ 7	14°R35	6♓27	11♈16	12♋ 6	6°D48	6♈50	19♑17	n.a.	T 1
W 2	12 31 1	7°24'35	28°49	16°46	6°23	28°51	28°20	14♐35	6°30	11°18	12° 7	6°R48	6°46	19°24	n.a.	W 2
T 3	12 34 58	8°21'34	12♎37	17°30	7°34	29°32	28°32	14°35	6°33	11°20	12° 7	6♈48	6°43	19°31	n.a.	T 3
F 4	12 38 55	9°18'33	26° 6	18°19	8°46	0♓13	28°44	14°34	6°36	11°23	12° 7	6°48	6°40	19°37	n.a.	F 4
S 5	12 42 51	10°15'33	9♏16	19°13	9°57	0°54	28°56	14°33	6°40	11°25	12° 8	6°47	6°37	19°44	n.a.	S 5
S 6	12 46 48	11°12'33	22° 8	20°11	11° 9	1°34	29° 8	14°33	6°43	11°27	12° 8	6°47	6°34	19°51	n.a.	S 6
M 7	12 50 44	12° 9'34	4♐41	21°13	12°20	2°15	29°20	14°32	6°46	11°29	12° 8	6°46	6°31	19°58	n.a.	M 7
T 8	12 54 41	13° 6'36	16°58	22°20	13°32	2°55	29°32	14°31	6°49	11°32	12° 9	6°46	6°27	20° 4	n.a.	T 8
W 9	12 58 37	14° 3'38	29° 4	23°32	14°44	3°36	29°44	14°30	6°52	11°34	12° 9	6°45	6°24	20°11	n.a.	W 9
T 10	13 2 34	15° 0'41	11♑ 1	24°48	15°55	4°16	29°56	14°29	6°54	11°36	12°10	6°D45	6°21	20°18	n.a.	T 10
F 11	13 6 31	15°57'46	22°54	26° 7	17° 7	4°56	0♓ 7	14°28	6°57	11°38	12°10	6°45	6°18	20°24	n.a.	F 11
S 12	13 10 27	16°54'51	4♒49	27°32	18°19	5°36	0°19	14°26	7° 0	11°40	12°11	6°45	6°15	20°31	n.a.	S 12
S 13	13 14 24	17°51'57	16°48	29° 0	19°31	6°17	0°31	14°25	7° 3	11°43	12°11	6°46	6°12	20°38	n.a.	S 13
M14	13 18 20	18°49'04	28°58	0♈32	20°43	6°57	0°42	14°23	7° 6	11°45	12°12	6°47	6° 8	20°45	n.a.	M14
T 15	13 22 17	19°46'12	11♓20	2° 8	21°55	7°37	0°53	14°22	7° 9	11°47	12°13	6°48	6° 5	20°51	n.a.	T 15
W16	13 26 13	20°43'20	23°58	3°47	23° 7	8°17	1° 5	14°20	7°11	11°49	12°13	6°49	6° 2	20°58	n.a.	W16
T 17	13 30 10	21°40'30	6♈55	5°30	24°19	8°56	1°16	14°18	7°14	11°52	12°14	6°R49	5°59	21° 5	n.a.	T 17
F 18	13 34 7	22°37'41	20°10	7°17	25°31	9°36	1°27	14°16	7°17	11°54	12°15	6°49	5°56	21°12	n.a.	F 18
S 19	13 38 3	23°34'52	3♉43	9° 7	26°43	10°16	1°38	14°14	7°20	11°56	12°15	6°48	5°52	21°18	n.a.	S 19
S 20	13 42 0	24°32'05	17°31	10°59	27°56	10°56	1°49	14°12	7°22	11°58	12°16	6°46	5°49	21°25	n.a.	S 20
M21	13 45 56	25°29'19	1♊33	12°55	29° 8	11°35	2° 0	14°10	7°25	12° 0	12°17	6°44	5°46	21°32	n.a.	M21
T 22	13 49 53	26°26'33	15°44	14°52	0♈20	12°15	2°11	14° 8	7°27	12° 3	12°18	6°41	5°43	21°38	n.a.	T 22
W23	13 53 50	27°23'48	29°59	16°52	1°33	12°54	2°21	14° 6	7°30	12° 5	12°19	6°39	5°40	21°45	n.a.	W23
T 24	13 57 46	28°21'04	14♋17	18°54	2°45	13°34	2°32	14° 3	7°32	12° 7	12°20	6°37	5°37	21°52	n.a.	T 24
F 25	14 1 43	29°18'21	28°32	20°57	3°58	14°13	2°42	14° 1	7°35	12° 9	12°21	6°D37	5°33	21°59	n.a.	F 25
S 26	14 5 39	0♉15'38	12♌43	23° 1	5°10	14°52	2°53	13°58	7°37	12°11	12°22	6°37	5°30	22° 5	n.a.	S 26
S 27	14 9 36	1°12'57	26°47	25° 6	6°23	15°31	3° 3	13°55	7°40	12°13	12°23	6°38	5°27	22°12	n.a.	S 27
M28	14 13 32	2°10'16	10♍43	27°11	7°35	16°11	3°13	13°53	7°42	12°15	12°24	6°40	5°24	22°19	n.a.	M28
T 29	14 17 29	3° 7'36	24°30	29°17	8°48	16°50	3°23	13°50	7°44	12°18	12°25	6°41	5°21	22°25	n.a.	T 29
W30	14 21 26	4° 4'57	8♎ 5	1♉22	10° 1	17°29	3°33	13°47	7°47	12°20	12°26	6°R41	5°17	22°32	n.a.	W30
T 31	14 25 22	5♉ 2'19	21♎29	3♉27	11♈14	18♓ 8	3♓43	13♐44	7♓49	12♈22	12♋27	6♈41	5♈14	22♑39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	2n38	7n58	1n59	8s46	3s26	11s30	1s46	13s30	1s 8	13s47	1s24	23s39	0s27	10s 6	0s46	2n56	1s47	40n22	16n54	2n46	2n47	27s39			n.a.
W 2	3 1	1 9	0 44	8 27	3 21	11 3	1 45	13 15	1 8	13 42	1 25	23 39	0 28	10 5	0 46	2 57	1 47	40 21	16 53	2 46	2 46	27 38			n.a.
T 3	3 24	5s37	0s32	8 4	3 16	10 35	1 45	13 0	1 8	13 38	1 25	23 39	0 28	10 4	0 46	2 58	1 47	40 21	16 53	2 46	2 44	27 37			n.a.
F 4	3 47	11 59	1 45	7 39	3 10	10 7	1 45	12 45	1 7	13 34	1 25	23 39	0 28	10 3	0 46	2 59	1 47	40 20	16 52	2 46	2 43	27 36			n.a.
S 5	4 10	17 40	2 50	7 11	3 4	9 39	1 44	12 30	1 7	13 30	1 25	23 40	0 28	10 2	0 46	3 0	1 47	40 20	16 52	2 46	2 42	27 34			n.a.
S 6	4 33	22 26	3 45	6 41	2 57	9 11	1 43	12 15	1 7	13 25	1 25	23 40	0 28	10 1	0 46	3 1	1 47	40 19	16 51	2 46	2 41	27 33			n.a.
M 7	4 56	26 4	4 28	6 8	2 48	8 42	1 43	12 0	1 7	13 21	1 25	23 40	0 28	10 0	0 46	3 2	1 47	40 18	16 51	2 46	2 39	27 32			n.a.
T 8	5 19	28 24	4 58	5 33	2 40	8 13	1 42	11 45	1 6	13 17	1 25	23 40	0 28	9 58	0 46	3 3	1 47	40 18	16 50	2 45	2 38	27 31			n.a.
W 9	5 42	29 20	5 13	4 56	2 31	7 44	1 41	11 29	1 6	13 13	1 25	23 40	0 29	9 57	0 46	3 4	1 47	40 17	16 50	2 45	2 37	27 29			n.a.
T 10	6 4	28 53	5 15	4 16	2 21	7 14	1 40	11 14	1 6	13 9	1 25	23 40	0 29	9 56	0 46	3 5	1 47	40 17	16 49	2 45	2 35	27 28			n.a.
F 11	6 27	27 6	5 4	3 34	2 11	6 45	1 39	10 59	1 5	13 4	1 26	23 40	0 29	9 55	0 46	3 5	1 47	40 16	16 49	2 45	2 34	27 27			n.a.
S 12	6 50	24 6	4 39	2 50	2 0	6 15	1 38	10 43	1 5	13 0	1 26	23 40	0 29	9 54	0 46	3 6	1 47	40 16	16 48	2 45	2 33	27 26			n.a.
S 13	7 12	20 5	4 2	2 4	1 49	5 45	1 37	10 28	1 5	12 56	1 26	23 40	0 29	9 53	0 46	3 7	1 47	40 15	16 48	2 46	2 32	27 24			n.a.
M14	7 34	15 11	3 14	1 16	1 38	5 15	1 36	10 12	1 4	12 52	1 26	23 40	0 29	9 52	0 46	3 8	1 47	40 14	16 47	2 46	2 30	27 23			n.a.
T 15	7 57	9 36	2 16	0 26	1 26	4 45	1 35	9 57	1 4	12 48	1 26	23 40	0 29	9 51	0 46	3 9	1 47	40 14	16 47	2 47	2 29	27 22			n.a.
W16	8 19	3 32	1 10	0n25	1 14	4 14	1 34	9 41	1 4	12 44	1 26	23 40	0 30	9 50	0 46	3 10	1 47	40 13	16 46	2 47	2 28	27 20			n.a.
T 17	8 41	2n50	0n 0	1 18	1 2	3 44	1 32	9 25	1 4	12 40	1 26	23 39	0 30	9 49	0 47	3 11	1 47	40 13	16 46	2 47	2 26	27 19			n.a.
F 18	9 3	9 13	1 13	2 12	0 50	3 13	1 31	9 9	1 3	12 36	1 27	23 39	0 30	9 48	0 47	3 12	1 47	40 12	16 45	2 47	2 25	27 18			n.a.
S 19	9 24	15 20	2 23	3 7	0 38	2 42	1 30	8 54	1 3	12 32	1 27	23 39	0 30	9 47	0 47	3 13	1 47	40 12	16 45	2 46	2 24	27 16			n.a.
S 20	9 46	20 49	3 26	4 4	0 27	2 11	1 28	8 38	1 3	12 29	1 27	23 39	0 30	9 46	0 47	3 13	1 47	40 11	16 44	2 46	2 23	27 15			n.a.
M21	10 8	25 15	4 17	5 1	0 15	1 40	1 26	8 22	1 2	12 25	1 27	23 39	0 30	9 45	0 47	3 14	1 47	40 10	16 44	2 45	2 21	27 14			n.a.
T 22	10 29	28 11	4 53	5 58	0 3	1 9	1 25	8 6	1 2	12 21	1 27	23 39	0 30	9 44	0 47	3 15	1 47	40 10	16 43	2 44	2 20	27 12			n.a.
W23	10 50	29 19	5 12	6 56	0n 8	0 38	1 23	7 50	1 1	12 17	1 27	23 39	0 31	9 43	0 47	3 16	1 47	40 9	16 43	2 43	2 19	27 11			n.a.
T 24	11 11	28 29	5 11	7 53	0 19	0 7	1 21	7 35	1 1	12 13	1 28	23 39	0 31	9 42	0 47	3 17	1 47	40 9	16 42	2 42	2 17	27 9			n.a.
F 25	11 32	25 47	4 52	8 51	0 29	0n24	1 20	7 19	1 1	12 10	1 28	23 38	0 31	9 41	0 47	3 18	1 47	40 8	16 42	2 42	2 16	27 8			n.a.
S 26	11 53	21 31	4 14	9 47	0 39	0 56	1 18	7 3	1 0	12 6	1 28	23 38	0 31	9 40	0 47	3 19	1 47	40 7	16 41	2 42	2 15	27 7			n.a.
S 27	12 14	16 5	3 22	10 43	0 48	1 27	1 16	6 47	1 0	12 2	1 28	23 38	0 31	9 39	0 47	3 19	1 47	40 7	16 41	2 42	2 13	27 5			n.a.
M28	12 34	9 52	2 18	11 38	0 57	1 58	1 14	6 31	1 0	11 59	1 28	23 38	0 31	9 38	0 47	3 20	1 47	40 6	16 40	2 43	2 12	27 4			n.a.
T 29	12 54	3 15	1 6	12 32	1 5	2 29	1 12	6 15	0 59	11 55	1 28	23 38	0 31	9 38	0 47	3 21	1 47	40 6	16 40	2 44	2 11	27 2			n.a.
W30	13 14	3s25	0s 8	13 25	1 12	3 0	1 10	5 59	0 59	11 51	1 29	23 37	0 32	9 37	0 47	3 22	1 47	40 5	16 39	2 44	2 10	27 1			n.a.
T 31	13n34	9s50	1s20	14n15	1n19	3n31	1s 8	5s43	0s58	11s48	1s29	23s37	0s32	9s36	0s47	3n23	1s47	40n 4	16n39	2n43	2n 8	27s 0			n.a.

Julian Day Number = 190050.5, Delta T = 32h29m42s
Ecliptic obliquity = 24°07'08, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'17, Lahiri = -61°33'17 Julian Calendar 1 May 4193 BCE == Greg. Calendar 29 March 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

JUNE 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 29 19	5♉59'43	4♏39	5♉32	12♈26	18♓46	3♓53	13°R41	7♓51	12♈24	12♋28	6°R38	5♈11	22♑46	n.a.	F 1
S 2	14 33 15	6°57'08	17°35	7°36	13°39	19°25	4° 2	13♐37	7°53	12°26	12°30	6♈35	5° 8	22°52	n.a.	S 2
S 3	14 37 12	7°54'34	0♐16	9°39	14°52	20° 4	4°12	13°34	7°55	12°28	12°31	6°30	5° 5	22°59	n.a.	S 3
M 4	14 41 8	8°52'02	12°44	11°41	16° 5	20°42	4°21	13°31	7°57	12°30	12°32	6°25	5° 2	23° 6	n.a.	M 4
T 5	14 45 5	9°49'32	24°58	13°42	17°18	21°21	4°30	13°27	8° 0	12°32	12°33	6°19	4°58	23°12	n.a.	T 5
W 6	14 49 2	10°47'03	7♑ 2	15°42	18°31	22° 0	4°39	13°24	8° 2	12°34	12°35	6°14	4°55	23°19	n.a.	W 6
T 7	14 52 58	11°44'36	18°58	17°40	19°44	22°38	4°49	13°20	8° 4	12°36	12°36	6°11	4°52	23°26	n.a.	T 7
F 8	14 56 55	12°42'11	0♒51	19°37	20°58	23°16	4°57	13°17	8° 5	12°38	12°37	6° 8	4°49	23°33	n.a.	F 8
S 9	15 0 51	13°39'47	12°44	21°33	22°11	23°55	5° 6	13°13	8° 7	12°40	12°39	6°D 7	4°46	23°39	n.a.	S 9
S 10	15 4 48	14°37'25	24°42	23°27	23°24	24°33	5°15	13° 9	8° 9	12°42	12°40	6° 8	4°43	23°46	n.a.	S 10
M11	15 8 44	15°35'05	6♓51	25°20	24°37	25°11	5°23	13° 5	8°11	12°44	12°42	6° 9	4°39	23°53	n.a.	M11
T 12	15 12 41	16°32'47	19°15	27°12	25°51	25°49	5°32	13° 2	8°13	12°46	12°43	6°11	4°36	23°59	n.a.	T 12
W13	15 16 38	17°30'31	1♈59	29° 2	27° 4	26°27	5°40	12°58	8°14	12°48	12°45	6°R12	4°33	24° 6	n.a.	W13
T 14	15 20 34	18°28'16	15° 4	0♊50	28°18	27° 5	5°48	12°54	8°16	12°50	12°46	6°11	4°30	24°13	n.a.	T 14
F 15	15 24 31	19°26'04	28°34	2°38	29°31	27°43	5°56	12°50	8°18	12°52	12°48	6° 9	4°27	24°20	n.a.	F 15
S 16	15 28 27	20°23'53	12♉27	4°23	0♉45	28°20	6° 4	12°45	8°19	12°54	12°49	6° 5	4°23	24°26	n.a.	S 16
S 17	15 32 24	21°21'45	26°41	6° 8	1°58	28°58	6°12	12°41	8°21	12°55	12°51	6° 0	4°20	24°33	n.a.	S 17
M18	15 36 20	22°19'38	11♊10	7°51	3°12	29°36	6°20	12°37	8°22	12°57	12°53	5°53	4°17	24°40	n.a.	M18
T 19	15 40 17	23°17'33	25°48	9°33	4°26	0♈13	6°27	12°33	8°24	12°59	12°54	5°45	4°14	24°47	n.a.	T 19
W20	15 44 13	24°15'29	10♋28	11°13	5°39	0°51	6°34	12°29	8°25	13° 1	12°56	5°39	4°11	24°53	n.a.	W20
T 21	15 48 10	25°13'27	25° 3	12°52	6°53	1°28	6°42	12°24	8°27	13° 3	12°58	5°34	4° 8	25° 0	n.a.	T 21
F 22	15 52 7	26°11'27	9♌27	14°30	8° 7	2° 5	6°49	12°20	8°28	13° 4	12°59	5°30	4° 4	25° 7	n.a.	F 22
S 23	15 56 3	27° 9'28	23°38	16° 6	9°21	2°43	6°55	12°15	8°29	13° 6	13° 1	5°D29	4° 1	25°13	n.a.	S 23
S 24	16 0 0	28° 7'30	7♍34	17°41	10°35	3°20	7° 2	12°11	8°30	13° 8	13° 3	5°29	3°58	25°20	n.a.	S 24
M25	16 3 56	29° 5'35	21°15	19°14	11°49	3°57	7° 9	12° 6	8°31	13° 9	13° 5	5°30	3°55	25°27	n.a.	M25
T 26	16 7 53	0♊ 3'41	4♎41	20°47	13° 3	4°34	7°15	12° 2	8°33	13°11	13° 7	5°R31	3°52	25°34	n.a.	T 26
W27	16 11 49	1° 1'48	17°54	22°17	14°17	5°10	7°21	11°57	8°34	13°13	13° 8	5°30	3°49	25°40	n.a.	W27
T 28	16 15 46	1°59'58	0♏55	23°47	15°31	5°47	7°28	11°53	8°35	13°14	13°10	5°27	3°45	25°47	n.a.	T 28
F 29	16 19 42	2°58'09	13°44	25°15	16°45	6°24	7°34	11°48	8°36	13°16	13°12	5°22	3°42	25°54	n.a.	F 29
S 30	16 23 39	3♊56'22	26♏22	26♊42	17♉59	7♈ 0	7♓39	11♐44	8♓37	13♈17	13♋14	5♈14	3♈39	26♑ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n54	15s44	2s27	15n 5	1n26	4n 3	1s 6	5s27	0s58	11s45	1s29	23s37	0s32	9s35	0s47	3n24	1s47	40n 4	16n38	2n43	2n 7	26s58		n.a.
S 2	14 13	20 49	3 25	15 52	1 31	4 34	1 4	5 11	0 58	11 41	1 29	23 37	0 32	9 34	0 47	3 24	1 47	40 3	16 38	2 41	2 6	26 57		n.a.
S 3	14 32	24 52	4 11	16 37	1 36	5 5	1 2	4 55	0 57	11 38	1 29	23 36	0 32	9 33	0 47	3 25	1 47	40 3	16 38	2 39	2 4	26 55		n.a.
M 4	14 51	27 40	4 45	17 21	1 40	5 35	0 59	4 39	0 57	11 34	1 30	23 36	0 32	9 33	0 47	3 26	1 47	40 2	16 37	2 37	2 3	26 54		n.a.
T 5	15 10	29 6	5 5	18 2	1 44	6 6	0 57	4 23	0 56	11 31	1 30	23 36	0 32	9 32	0 47	3 27	1 47	40 1	16 37	2 35	2 2	26 52		n.a.
W 6	15 29	29 6	5 11	18 42	1 47	6 37	0 55	4 7	0 56	11 28	1 30	23 35	0 33	9 31	0 47	3 28	1 48	40 1	16 36	2 33	2 1	26 51		n.a.
T 7	15 47	27 44	5 3	19 19	1 49	7 7	0 53	3 51	0 55	11 25	1 30	23 35	0 33	9 30	0 47	3 28	1 48	40 0	16 36	2 31	1 59	26 49		n.a.
F 8	16 5	25 7	4 43	19 54	1 50	7 38	0 50	3 35	0 55	11 21	1 30	23 35	0 33	9 30	0 47	3 29	1 48	40 0	16 35	2 30	1 58	26 48		n.a.
S 9	16 23	21 27	4 10	20 27	1 52	8 8	0 48	3 19	0 55	11 18	1 31	23 34	0 33	9 29	0 47	3 30	1 48	39 59	16 35	2 30	1 57	26 46		n.a.
S 10	16 41	16 53	3 26	20 58	1 52	8 38	0 46	3 3	0 54	11 15	1 31	23 34	0 33	9 28	0 47	3 31	1 48	39 59	16 34	2 30	1 55	26 45		n.a.
M11	16 58	11 35	2 32	21 27	1 52	9 8	0 43	2 47	0 54	11 12	1 31	23 34	0 33	9 28	0 47	3 31	1 48	39 58	16 34	2 31	1 54	26 43		n.a.
T 12	17 15	5 45	1 31	21 53	1 51	9 38	0 41	2 31	0 53	11 9	1 31	23 33	0 33	9 27	0 47	3 32	1 48	39 57	16 34	2 31	1 53	26 42		n.a.
W13	17 32	0n28	0 23	22 18	1 50	10 7	0 38	2 15	0 53	11 6	1 31	23 33	0 33	9 26	0 47	3 33	1 48	39 57	16 33	2 32	1 51	26 40		n.a.
T 14	17 49	6 50	0n48	22 41	1 49	10 37	0 36	1 59	0 52	11 3	1 32	23 33	0 34	9 26	0 47	3 34	1 48	39 56	16 33	2 32	1 50	26 39		n.a.
F 15	18 5	13 6	1 58	23 1	1 47	11 6	0 33	1 43	0 52	11 0	1 32	23 32	0 34	9 25	0 47	3 34	1 48	39 56	16 32	2 31	1 49	26 37		n.a.
S 16	18 21	18 54	3 3	23 20	1 44	11 35	0 31	1 27	0 51	10 58	1 32	23 32	0 34	9 25	0 47	3 35	1 48	39 55	16 32	2 29	1 48	26 35		n.a.
S 17	18 37	23 49	3 58	23 36	1 41	12 3	0 28	1 12	0 51	10 55	1 32	23 31	0 34	9 24	0 47	3 36	1 48	39 55	16 32	2 27	1 46	26 34		n.a.
M18	18 52	27 21	4 39	23 51	1 38	12 31	0 26	0 56	0 50	10 52	1 33	23 31	0 34	9 24	0 47	3 36	1 48	39 54	16 31	2 24	1 45	26 32		n.a.
T 19	19 7	29 5	5 2	24 4	1 34	12 59	0 23	0 40	0 50	10 50	1 33	23 31	0 34	9 23	0 47	3 37	1 48	39 53	16 31	2 21	1 44	26 31		n.a.
W20	19 22	28 46	5 6	24 14	1 30	13 27	0 21	0 24	0 49	10 47	1 33	23 30	0 34	9 23	0 48	3 38	1 48	39 53	16 31	2 18	1 42	26 29		n.a.
T 21	19 37	26 28	4 49	24 24	1 25	13 55	0 18	0 9	0 49	10 44	1 33	23 30	0 34	9 22	0 48	3 39	1 48	39 52	16 30	2 16	1 41	26 28		n.a.
F 22	19 51	22 28	4 15	24 31	1 20	14 22	0 16	0n 7	0 48	10 42	1 33	23 29	0 35	9 22	0 48	3 39	1 48	39 52	16 30	2 15	1 40	26 26		n.a.
S 23	20 5	17 14	3 25	24 37	1 15	14 48	0 13	0 23	0 48	10 40	1 34	23 29	0 35	9 21	0 48	3 40	1 48	39 51	16 29	2 14	1 39	26 24		n.a.
S 24	20 18	11 11	2 24	24 41	1 10	15 15	0 11	0 38	0 47	10 37	1 34	23 28	0 35	9 21	0 48	3 41	1 48	39 51	16 29	2 14	1 37	26 23		n.a.
M25	20 31	4 43	1 16	24 44	1 4	15 41	0 8	0 54	0 47	10 35	1 34	23 28	0 35	9 20	0 48	3 41	1 48	39 50	16 29	2 15	1 36	26 21		n.a.
T 26	20 44	1s51	0 4	24 45	0 58	16 6	0 6	1 10	0 46	10 33	1 34	23 27	0 35	9 20	0 48	3 42	1 48	39 50	16 28	2 15	1 35	26 19		n.a.
W27	20 57	8 13	1s 6	24 44	0 51	16 31	0 3	1 25	0 46	10 31	1 35	23 27	0 35	9 19	0 48	3 42	1 48	39 49	16 28	2 15	1 33	26 18		n.a.
T 28	21 9	14 10	2 11	24 42	0 44	16 56	0 1	1 41	0 45	10 28	1 35	23 26	0 35	9 19	0 48	3 43	1 48	39 49	16 28	2 14	1 32	26 16		n.a.
F 29	21 21	19 24	3 9	24 39	0 37	17 21	0n 2	1 56	0 44	10 26	1 35	23 26	0 35	9 19	0 48	3 44	1 48	39 48	16 27	2 11	1 31	26 15		n.a.
S 30	21n32	23s43	3s57	24n35	0n30	17n45	0n 4	2n11	0s44	10s24	1s35	23s25	0s36	9s18	0s48	3n44	1s48	39n47	16n27	2n 8	1n29	26s13		n.a.

Julian Day Number = 190081.5, Delta T = 32h29m39s
Ecliptic obliquity = 24°07'08, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'13, Lahiri = -61°33'13 Julian Calendar 1 June 4193 BCE == Greg. Calendar 29 Apr. 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

JULY 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 27 36	4♊54'37	8♐50	28♊ 7	19♉13	7♈37	7♓45	11°R39	8♓37	13♈19	13♋16	5°R 4	3♈36	26♑ 7	n.a.	S 1
M 2	16 31 32	5°52'55	21° 8	29°31	20°27	8°13	7°50	11♐34	8°38	13°21	13°18	4♈53	3°33	26°14	n.a.	M 2
T 3	16 35 29	6°51'14	3♑15	0♋54	21°42	8°50	7°56	11°30	8°39	13°22	13°20	4°42	3°29	26°21	n.a.	T 3
W 4	16 39 25	7°49'36	15°15	2°15	22°56	9°26	8° 1	11°25	8°40	13°24	13°22	4°31	3°26	26°27	n.a.	W 4
T 5	16 43 22	8°48'00	27° 9	3°35	24°10	10° 2	8° 6	11°20	8°40	13°25	13°24	4°22	3°23	26°34	n.a.	T 5
F 6	16 47 18	9°46'27	8♒59	4°53	25°25	10°38	8°11	11°16	8°41	13°26	13°26	4°15	3°20	26°41	n.a.	F 6
S 7	16 51 15	10°44'55	20°50	6° 9	26°39	11°14	8°15	11°11	8°41	13°28	13°28	4°11	3°17	26°47	n.a.	S 7
S 8	16 55 11	11°43'26	2♓46	7°24	27°54	11°50	8°20	11° 6	8°42	13°29	13°30	4° 9	3°14	26°54	n.a.	S 8
M 9	16 59 8	12°42'00	14°52	8°37	29° 8	12°26	8°24	11° 2	8°42	13°30	13°32	4°D 8	3°10	27° 1	n.a.	M 9
T 10	17 3 4	13°40'36	27°13	9°48	0♊23	13° 2	8°28	10°57	8°43	13°32	13°34	4° 9	3° 7	27° 8	n.a.	T 10
W11	17 7 1	14°39'14	9♈55	10°57	1°37	13°37	8°32	10°52	8°43	13°33	13°36	4°R 9	3° 4	27°14	n.a.	W11
T 12	17 10 58	15°37'55	23° 1	12° 4	2°52	14°13	8°36	10°48	8°44	13°34	13°38	4° 7	3° 1	27°21	n.a.	T 12
F 13	17 14 54	16°36'38	6♉35	13° 9	4° 7	14°48	8°39	10°43	8°44	13°36	13°41	4° 4	2°58	27°28	n.a.	F 13
S 14	17 18 51	17°35'24	20°38	14°11	5°22	15°24	8°43	10°38	8°44	13°37	13°43	3°58	2°55	27°34	n.a.	S 14
S 15	17 22 47	18°34'12	5♊ 7	15°12	6°36	15°59	8°46	10°34	8°44	13°38	13°45	3°49	2°51	27°41	n.a.	S 15
M16	17 26 44	19°33'03	19°56	16° 9	7°51	16°34	8°49	10°29	8°44	13°39	13°47	3°38	2°48	27°48	n.a.	M16
T 17	17 30 40	20°31'55	4♋58	17° 4	9° 6	17° 9	8°52	10°24	8°R44	13°40	13°49	3°27	2°45	27°55	n.a.	T 17
W18	17 34 37	21°30'50	20° 3	17°56	10°21	17°44	8°54	10°20	8°44	13°41	13°51	3°17	2°42	28° 1	n.a.	W18
T 19	17 38 33	22°29'48	5♌ 0	18°44	11°36	18°19	8°57	10°15	8°44	13°42	13°54	3° 8	2°39	28° 8	n.a.	T 19
F 20	17 42 30	23°28'47	19°41	19°29	12°51	18°53	8°59	10°11	8°44	13°43	13°56	3° 3	2°35	28°15	n.a.	F 20
S 21	17 46 26	24°27'48	4♍ 3	20°10	14° 6	19°28	9° 1	10° 6	8°44	13°44	13°58	2°59	2°32	28°21	n.a.	S 21
S 22	17 50 23	25°26'51	18° 2	20°47	15°21	20° 2	9° 3	10° 2	8°44	13°45	14° 0	2°58	2°29	28°28	n.a.	S 22
M23	17 54 20	26°25'55	1♎38	21°20	16°36	20°37	9° 5	9°57	8°43	13°46	14° 3	2°58	2°26	28°35	n.a.	M23
T 24	17 58 16	27°25'02	14°55	21°48	17°51	21°11	9° 6	9°53	8°43	13°47	14° 5	2°58	2°23	28°42	n.a.	T 24
W25	18 2 13	28°24'11	27°54	22°10	19° 6	21°45	9° 7	9°49	8°43	13°48	14° 7	2°56	2°20	28°48	n.a.	W25
T 26	18 6 9	29°23'22	10♏39	22°27	20°21	22°19	9° 8	9°44	8°42	13°49	14° 9	2°52	2°16	28°55	n.a.	T 26
F 27	18 10 6	0♋22'35	23°11	22°38	21°36	22°53	9° 9	9°40	8°42	13°50	14°12	2°45	2°13	29° 2	n.a.	F 27
S 28	18 14 2	1°21'51	5♐34	22°R43	22°51	23°27	9°10	9°36	8°41	13°50	14°14	2°35	2°10	29° 8	n.a.	S 28
S 29	18 17 59	2°21'08	17°48	22°41	24° 6	24° 0	9°10	9°32	8°41	13°51	14°16	2°22	2° 7	29°15	n.a.	S 29
M30	18 21 55	3°20'28	29°54	22°31	25°21	24°34	9°11	9°28	8°40	13°52	14°19	2° 8	2° 4	29°22	n.a.	M30
T 31	18 25 52	4♋19'50	11♑55	22♋15	26♊37	25♈ 7	9°R11	9♐24	8♓40	13♈53	14♋21	1♈54	2♈ 1	29♑28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21n43	26s52	4s32	24n29	0n23	18n 8	0n 7	2n27	0s43	10s22	1s36	23s25	0s36	9s18	0s48	3n45	1s48	39n47	16n27	2n 4	1n28	26s11			n.a.
M 2	21 54	28 42	4 54	24 22	0 15	18 31	0 9	2 42	0 43	10 21	1 36	23 24	0 36	9 18	0 48	3 45	1 48	39 46	16 27	2 0	1 27	26 10			n.a.
T 3	22 4	29 7	5 3	24 14	0 7	18 53	0 12	2 57	0 42	10 19	1 36	23 23	0 36	9 18	0 48	3 46	1 48	39 46	16 26	1 55	1 26	26 8			n.a.
W 4	22 14	28 8	4 57	24 5	0s 1	19 15	0 14	3 12	0 42	10 17	1 36	23 23	0 36	9 17	0 48	3 46	1 48	39 45	16 26	1 51	1 24	26 6			n.a.
T 5	22 23	25 53	4 39	23 55	0 9	19 37	0 17	3 27	0 41	10 15	1 37	23 22	0 36	9 17	0 48	3 47	1 48	39 45	16 26	1 47	1 23	26 4			n.a.
F 6	22 33	22 31	4 9	23 44	0 18	19 58	0 19	3 43	0 40	10 14	1 37	23 22	0 36	9 17	0 48	3 48	1 48	39 44	16 25	1 44	1 22	26 3			n.a.
S 7	22 41	18 14	3 29	23 32	0 26	20 18	0 21	3 58	0 40	10 12	1 37	23 21	0 36	9 17	0 48	3 48	1 48	39 44	16 25	1 42	1 20	26 1			n.a.
S 8	22 50	13 14	2 39	23 20	0 35	20 38	0 24	4 13	0 39	10 11	1 37	23 21	0 36	9 17	0 48	3 49	1 49	39 43	16 25	1 42	1 19	25 59			n.a.
M 9	22 58	7 40	1 41	23 6	0 44	20 57	0 26	4 27	0 39	10 9	1 38	23 20	0 37	9 17	0 48	3 49	1 49	39 43	16 25	1 41	1 18	25 58			n.a.
T 10	23 5	1 42	0 37	22 52	0 53	21 16	0 28	4 42	0 38	10 8	1 38	23 19	0 37	9 16	0 48	3 50	1 49	39 42	16 25	1 42	1 16	25 56			n.a.
W11	23 12	4n30	0n31	22 38	1 2	21 34	0 31	4 57	0 37	10 7	1 38	23 19	0 37	9 16	0 48	3 50	1 49	39 42	16 24	1 42	1 15	25 54			n.a.
T 12	23 19	10 43	1 38	22 22	1 11	21 52	0 33	5 12	0 37	10 5	1 38	23 18	0 37	9 16	0 48	3 50	1 49	39 41	16 24	1 41	1 14	25 52			n.a.
F 13	23 25	16 39	2 43	22 7	1 20	22 9	0 35	5 27	0 36	10 4	1 39	23 18	0 37	9 16	0 48	3 51	1 49	39 41	16 24	1 40	1 13	25 51			n.a.
S 14	23 31	21 56	3 40	21 51	1 30	22 25	0 37	5 41	0 35	10 3	1 39	23 17	0 37	9 16	0 48	3 51	1 49	39 41	16 24	1 37	1 11	25 49			n.a.
S 15	23 36	26 5	4 24	21 35	1 39	22 40	0 39	5 56	0 35	10 2	1 39	23 17	0 37	9 16	0 48	3 52	1 49	39 40	16 23	1 33	1 10	25 47			n.a.
M16	23 41	28 35	4 52	21 19	1 48	22 55	0 41	6 10	0 34	10 1	1 40	23 16	0 37	9 16	0 48	3 52	1 49	39 40	16 23	1 29	1 9	25 45			n.a.
T 17	23 46	29 1	5 0	21 3	1 58	23 9	0 44	6 25	0 33	10 0	1 40	23 15	0 37	9 16	0 49	3 53	1 49	39 39	16 23	1 25	1 7	25 43			n.a.
W18	23 50	27 19	4 48	20 47	2 7	23 23	0 46	6 39	0 33	10 0	1 40	23 15	0 37	9 16	0 49	3 53	1 49	39 39	16 23	1 20	1 6	25 42			n.a.
T 19	23 54	23 41	4 16	20 31	2 16	23 36	0 48	6 53	0 32	9 59	1 40	23 14	0 37	9 16	0 49	3 53	1 49	39 38	16 23	1 17	1 5	25 40			n.a.
F 20	23 57	18 36	3 27	20 16	2 25	23 48	0 49	7 7	0 31	9 58	1 41	23 14	0 38	9 16	0 49	3 54	1 49	39 38	16 23	1 15	1 4	25 38			n.a.
S 21	24 0	12 34	2 26	20 1	2 34	23 59	0 51	7 21	0 31	9 58	1 41	23 13	0 38	9 16	0 49	3 54	1 49	39 38	16 22	1 13	1 2	25 36			n.a.
S 22	24 2	6 3	1 18	19 46	2 43	24 10	0 53	7 35	0 30	9 57	1 41	23 12	0 38	9 16	0 49	3 54	1 49	39 37	16 22	1 13	1 1	25 34			n.a.
M23	24 4	0s34	0 7	19 33	2 52	24 20	0 55	7 49	0 29	9 57	1 41	23 12	0 38	9 17	0 49	3 55	1 49	39 37	16 22	1 13	1 0	25 33			n.a.
T 24	24 5	7 0	1s 3	19 20	3 0	24 29	0 57	8 3	0 28	9 57	1 42	23 11	0 38	9 17	0 49	3 55	1 49	39 36	16 22	1 13	0 58	25 31			n.a.
W25	24 6	13 0	2 7	19 9	3 8	24 38	0 59	8 17	0 28	9 56	1 42	23 11	0 38	9 17	0 49	3 55	1 49	39 36	16 22	1 12	0 57	25 29			n.a.
T 26	24 7	18 21	3 5	18 59	3 15	24 45	1 0	8 31	0 27	9 56	1 42	23 10	0 38	9 17	0 49	3 56	1 49	39 36	16 22	1 10	0 56	25 27			n.a.
F 27	24 7	22 49	3 52	18 51	3 22	24 52	1 2	8 44	0 26	9 56	1 42	23 9	0 38	9 17	0 49	3 56	1 49	39 35	16 22	1 7	0 54	25 25			n.a.
S 28	24 6	26 13	4 27	18 44	3 27	24 59	1 3	8 58	0 25	9 56	1 43	23 9	0 38	9 18	0 49	3 56	1 50	39 35	16 22	1 3	0 53	25 23			n.a.
S 29	24 6	28 21	4 50	18 39	3 33	25 4	1 5	9 11	0 25	9 56	1 43	23 8	0 38	9 18	0 49	3 56	1 50	39 34	16 22	0 58	0 52	25 22			n.a.
M30	24 4	29 6	4 59	18 37	3 37	25 8	1 6	9 25	0 24	9 56	1 43	23 8	0 38	9 18	0 49	3 57	1 50	39 34	16 22	0 52	0 51	25 20			n.a.
T 31	24n 3	28s27	4s55	18n37	3s40	25n12	1n 8	9n38	0s23	9s57	1s44	23s 7	0s38	9s18	0s49	3n57	1s50	39n34	16n21	0n46	0n49	25s18			n.a.

Julian Day Number = 190111.5, Delta T = 32h29m36s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'09, Lahiri = -61°33'09 Julian Calendar 1 July 4193 BCE == Greg. Calendar 29 May 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

AUGUST 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 29 48	5♋19'14	23♉50	21°R50	27♊52	25♈40	9°R11	9°R20	8°R39	13♈53	14♋23	1°R40	1♈57	29♉35	n.a.	W 1
T 2	18 33 45	6°18'41	5♒41	21♋17	29° 7	26°14	9♓10	9♐16	8♓38	13°54	14°26	1♈28	1°54	29°42	n.a.	T 2
F 3	18 37 41	7°18'10	17°31	20°37	0♌22	26°47	9°10	9°12	8°37	13°54	14°28	1°19	1°51	29°49	n.a.	F 3
S 4	18 41 38	8°17'41	29°21	19°49	1°38	27°19	9° 9	9° 8	8°36	13°55	14°30	1°12	1°48	29°55	n.a.	S 4
S 5	18 45 34	9°17'15	11♓16	18°54	2°53	27°52	9° 8	9° 5	8°35	13°55	14°33	1° 9	1°45	0♒ 2	n.a.	S 5
M 6	18 49 31	10°16'52	23°20	17°53	4° 8	28°25	9° 7	9° 1	8°35	13°56	14°35	1° 8	1°41	0° 9	n.a.	M 6
T 7	18 53 28	11°16'31	5♈38	16°46	5°24	28°57	9° 6	8°57	8°34	13°56	14°37	1° 7	1°38	0°15	n.a.	T 7
W 8	18 57 24	12°16'12	18°15	15°36	6°39	29°30	9° 4	8°54	8°32	13°57	14°40	1° 7	1°35	0°22	n.a.	W 8
T 9	19 1 21	13°15'56	1♉16	14°24	7°55	0♉ 2	9° 2	8°50	8°31	13°57	14°42	1° 6	1°32	0°29	n.a.	T 9
F 10	19 5 17	14°15'43	14°45	13°12	9°10	0°34	9° 0	8°47	8°30	13°58	14°44	1° 3	1°29	0°36	n.a.	F 10
S 11	19 9 14	15°15'32	28°44	12° 2	10°26	1° 6	8°58	8°44	8°29	13°58	14°47	0°57	1°26	0°42	n.a.	S 11
S 12	19 13 10	16°15'24	13♊12	10°56	11°41	1°38	8°56	8°40	8°28	13°58	14°49	0°49	1°22	0°49	n.a.	S 12
M13	19 17 7	17°15'18	28° 6	9°56	12°57	2° 9	8°53	8°37	8°26	13°58	14°51	0°39	1°19	0°56	n.a.	M13
T 14	19 21 3	18°15'15	13♋18	9° 3	14°12	2°41	8°51	8°34	8°25	13°59	14°54	0°28	1°16	1° 2	n.a.	T 14
W15	19 25 0	19°15'13	28°37	8°20	15°28	3°12	8°48	8°31	8°24	13°59	14°56	0°18	1°13	1° 9	n.a.	W15
T 16	19 28 56	20°15'14	13♌51	7°47	16°43	3°43	8°44	8°28	8°22	13°59	14°58	0° 9	1°10	1°16	n.a.	T 16
F 17	19 32 53	21°15'17	28°51	7°24	17°59	4°14	8°41	8°26	8°21	13°59	15° 1	0° 3	1° 7	1°23	n.a.	F 17
S 18	19 36 49	22°15'22	13♍28	7°D13	19°15	4°45	8°38	8°23	8°19	13°59	15° 3	29♓59	1° 3	1°29	n.a.	S 18
S 19	19 40 46	23°15'28	27°39	7°13	20°30	5°15	8°34	8°20	8°18	13°R59	15° 5	29°D59	1° 0	1°36	n.a.	S 19
M20	19 44 42	24°15'36	11♎23	7°25	21°46	5°46	8°30	8°18	8°16	13°59	15° 8	29°59	0°57	1°43	n.a.	M20
T 21	19 48 39	25°15'46	24°41	7°46	23° 1	6°16	8°26	8°15	8°15	13°59	15°10	29°R59	0°54	1°49	n.a.	T 21
W22	19 52 36	26°15'59	7♏37	8°18	24°17	6°46	8°22	8°13	8°13	13°59	15°12	29°59	0°51	1°56	n.a.	W22
T 23	19 56 32	27°16'12	20°15	8°59	25°33	7°16	8°17	8°11	8°11	13°59	15°15	29°56	0°47	2° 3	n.a.	T 23
F 24	20 0 29	28°16'28	2♐38	9°48	26°48	7°46	8°13	8° 9	8° 9	13°59	15°17	29°51	0°44	2° 9	n.a.	F 24
S 25	20 4 25	29°16'46	14°50	10°44	28° 4	8°15	8° 8	8° 7	8° 8	13°59	15°19	29°43	0°41	2°16	n.a.	S 25
S 26	20 8 22	0♑17'05	26°54	11°47	29°20	8°44	8° 3	8° 5	8° 6	13°58	15°22	29°33	0°38	2°23	n.a.	S 26
M27	20 12 18	1°17'26	8♉52	12°56	0♑35	9°14	7°58	8° 3	8° 4	13°58	15°24	29°22	0°35	2°30	n.a.	M27
T 28	20 16 15	2°17'49	20°47	14° 9	1°51	9°42	7°52	8° 1	8° 2	13°58	15°26	29°10	0°32	2°36	n.a.	T 28
W29	20 20 11	3°18'14	2♒39	15°27	3° 7	10°11	7°47	7°59	8° 0	13°58	15°29	28°59	0°28	2°43	n.a.	W29
T 30	20 24 8	4°18'41	14°30	16°49	4°22	10°40	7°41	7°58	7°58	13°57	15°31	28°50	0°25	2°50	n.a.	T 30
F 31	20 28 4	5♑19'10	26♒21	18♋14	5♑38	11♉ 8	7♓36	7♐56	7♓56	13♈57	15♋33	28♓42	0♈22	2♒56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	24n 0	26s30	4s37	18n39	3s42	25n15	1n 9	9n51	0s22	9s57	1s44	23s 7	0s38	9s19	0s49	3n57	1s50	39n33	16n21	0n41	0n48	25s16			n.a.
T 2	23 58	23 23	4 8	18 44	3 42	25 17	1 11	10 4	0 21	9 57	1 44	23 6	0 39	9 19	0 49	3 57	1 50	39 33	16 21	0 36	0 47	25 14			n.a.
F 3	23 54	19 19	3 28	18 51	3 40	25 19	1 12	10 17	0 21	9 58	1 44	23 6	0 39	9 19	0 49	3 57	1 50	39 33	16 21	0 32	0 45	25 12			n.a.
S 4	23 51	14 30	2 39	19 2	3 37	25 19	1 13	10 30	0 20	9 58	1 45	23 5	0 39	9 20	0 49	3 58	1 50	39 32	16 21	0 30	0 44	25 10			n.a.
S 5	23 47	9 7	1 43	19 15	3 32	25 19	1 14	10 43	0 19	9 59	1 45	23 5	0 39	9 20	0 49	3 58	1 50	39 32	16 21	0 28	0 43	25 8			n.a.
M 6	23 42	3 21	0 41	19 30	3 25	25 18	1 15	10 56	0 18	9 59	1 45	23 4	0 39	9 21	0 49	3 58	1 50	39 32	16 21	0 28	0 41	25 6			n.a.
T 7	23 37	2n40	0n24	19 48	3 15	25 16	1 16	11 8	0 17	10 0	1 45	23 3	0 39	9 21	0 49	3 58	1 50	39 31	16 21	0 28	0 40	25 4			n.a.
W 8	23 32	8 43	1 29	20 8	3 4	25 14	1 17	11 21	0 16	10 1	1 46	23 3	0 39	9 21	0 49	3 58	1 50	39 31	16 21	0 28	0 39	25 2			n.a.
T 9	23 26	14 37	2 32	20 30	2 50	25 10	1 18	11 33	0 16	10 2	1 46	23 2	0 39	9 22	0 49	3 58	1 50	39 31	16 21	0 27	0 38	25 1			n.a.
F 10	23 20	20 2	3 29	20 52	2 35	25 6	1 19	11 46	0 15	10 3	1 46	23 2	0 39	9 22	0 49	3 58	1 50	39 31	16 21	0 26	0 36	24 59			n.a.
S 11	23 13	24 35	4 15	21 16	2 18	25 1	1 20	11 58	0 14	10 4	1 46	23 2	0 39	9 23	0 49	3 58	1 50	39 30	16 21	0 23	0 35	24 57			n.a.
S 12	23 6	27 47	4 47	21 40	2 0	24 55	1 20	12 10	0 13	10 5	1 47	23 1	0 39	9 23	0 49	3 58	1 50	39 30	16 21	0 20	0 34	24 55			n.a.
M13	22 58	29 7	5 1	22 3	1 41	24 49	1 21	12 22	0 12	10 6	1 47	23 1	0 39	9 24	0 49	3 59	1 50	39 30	16 21	0 16	0 32	24 53			n.a.
T 14	22 50	28 18	4 54	22 27	1 21	24 41	1 22	12 34	0 11	10 8	1 47	23 0	0 39	9 24	0 50	3 59	1 50	39 29	16 21	0 11	0 31	24 51			n.a.
W15	22 41	25 21	4 26	22 49	1 2	24 33	1 22	12 46	0 10	10 9	1 47	23 0	0 39	9 25	0 50	3 59	1 50	39 29	16 22	0 7	0 30	24 49			n.a.
T 16	22 32	20 37	3 39	23 11	0 42	24 24	1 23	12 58	0 9	10 10	1 47	22 59	0 39	9 25	0 50	3 59	1 51	39 29	16 22	0 4	0 28	24 47			n.a.
F 17	22 23	14 39	2 37	23 31	0 23	24 15	1 23	13 10	0 8	10 12	1 48	22 59	0 39	9 26	0 50	3 59	1 51	39 29	16 22	0 1	0 27	24 45			n.a.
S 18	22 13	8 0	1 27	23 50	0 5	24 4	1 23	13 21	0 7	10 13	1 48	22 59	0 39	9 27	0 50	3 59	1 51	39 29	16 22	0s 0	0 26	24 43			n.a.
S 19	22 3	1 9	0 12	24 7	0n12	23 53	1 24	13 33	0 6	10 15	1 48	22 58	0 40	9 27	0 50	3 58	1 51	39 28	16 22	0 1	0 25	24 41			n.a.
M20	21 52	5s33	1s 0	24 22	0 28	23 41	1 24	13 44	0 5	10 17	1 48	22 58	0 40	9 28	0 50	3 58	1 51	39 28	16 22	0 0	0 23	24 39			n.a.
T 21	21 41	11 48	2 7	24 36	0 43	23 28	1 24	13 55	0 4	10 18	1 48	22 57	0 40	9 29	0 50	3 58	1 51	39 28	16 22	0 0	0 22	24 37			n.a.
W22	21 30	17 22	3 6	24 47	0 56	23 15	1 24	14 6	0 3	10 20	1 49	22 57	0 40	9 29	0 50	3 58	1 51	39 28	16 22	0 1	0 21	24 35			n.a.
T 23	21 18	22 4	3 54	24 57	1 8	23 1	1 24	14 17	0 2	10 22	1 49	22 57	0 40	9 30	0 50	3 58	1 51	39 28	16 22	0 2	0 19	24 33			n.a.
F 24	21 5	25 41	4 30	25 4	1 19	22 46	1 24	14 28	0 1	10 24	1 49	22 56	0 40	9 31	0 50	3 58	1 51	39 27	16 23	0 4	0 18	24 31			n.a.
S 25	20 53	28 5	4 53	25 8	1 29	22 30	1 24	14 39	0 0	10 26	1 49	22 56	0 40	9 31	0 50	3 58	1 51	39 27	16 23	0 7	0 17	24 29			n.a.
S 26	20 40	29 8	5 3	25 11	1 37	22 14	1 24	14 50	0n 1	10 28	1 49	22 56	0 40	9 32	0 50	3 58	1 51	39 27	16 23	0 11	0 15	24 26			n.a.
M27	20 26	28 47	4 59	25 11	1 44	21 57	1 23	15 0	0 2	10 30	1 50	22 56	0 40	9 33	0 50	3 58	1 51	39 27	16 23	0 16	0 14	24 24			n.a.
T 28	20 12	27 7	4 43	25 9	1 49	21 40	1 23	15 11	0 3	10 33	1 50	22 55	0 40	9 34	0 50	3 58	1 51	39 27	16 23	0 20	0 13	24 22			n.a.
W29	19 58	24 14	4 14	25 5	1 54	21 21	1 23	15 21	0 4	10 35	1 50	22 55	0 40	9 34	0 50	3 57	1 51	39 27	16 23	0 25	0 12	24 20			n.a.
T 30	19 43	20 20	3 33	24 58	1 58	21 2	1 22	15 31	0 5	10 37	1 50	22 55	0 40	9 35	0 50	3 57	1 51	39 27	16 24	0 29	0 10	24 18			n.a.
F 31	19n28	15s39	2s44	24n49	2n 0	20n43	1n22	15n41	0n 6	10s39	1s50	22s55	0s40	9s36	0s50	3n57	1s51	39n27	16n24	0s32	0n 9	24s16			n.a.

Julian Day Number = 190142.5, Delta T = 32h29m33s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'05, Lahiri = -61°33'05 Julian Calendar 1 Aug. 4193 BCE == Greg. Calendar 29 June 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

SEPTEMBER 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 32 1	6♌19'41	8♓16	19♋41	6♌54	11♉36	7°R30	7°R55	7°R54	13°R56	15♋35	28°R38	0♈19	3♒ 3	n.a.	S 1
S 2	20 35 57	7°20'13	20°15	21°10	8° 9	12° 4	7♓24	7♐54	7♓52	13♈56	15°38	28♓35	0°16	3°10	n.a.	S 2
M 3	20 39 54	8°20'48	2♈23	22°42	9°25	12°32	7°17	7°53	7°50	13°56	15°40	28°D35	0°13	3°16	n.a.	M 3
T 4	20 43 51	9°21'25	14°43	24°14	10°41	12°59	7°11	7°52	7°48	13°55	15°42	28°36	0° 9	3°23	n.a.	T 4
W 5	20 47 47	10°22'04	27°19	25°48	11°56	13°26	7° 4	7°51	7°46	13°54	15°44	28°37	0° 6	3°30	n.a.	W 5
T 6	20 51 44	11°22'45	10♉15	27°23	13°12	13°53	6°58	7°50	7°44	13°54	15°46	28°R38	0° 3	3°37	n.a.	T 6
F 7	20 55 40	12°23'28	23°36	28°59	14°28	14°20	6°51	7°49	7°41	13°53	15°48	28°37	29♓59	3°43	n.a.	F 7
S 8	20 59 37	13°24'13	7♊24	0♌35	15°43	14°46	6°44	7°49	7°39	13°53	15°51	28°35	29°57	3°50	n.a.	S 8
S 9	21 3 33	14°25'00	21°40	2°11	16°59	15°12	6°37	7°48	7°37	13°52	15°53	28°30	29°53	3°57	n.a.	S 9
M10	21 7 30	15°25'49	6♋22	3°48	18°15	15°38	6°30	7°48	7°35	13°51	15°55	28°24	29°50	4° 3	n.a.	M10
T 11	21 11 26	16°26'40	21°24	5°24	19°31	16° 4	6°23	7°47	7°32	13°51	15°57	28°18	29°47	4°10	n.a.	T 11
W12	21 15 23	17°27'33	6♌38	7° 1	20°46	16°29	6°15	7°47	7°30	13°50	15°59	28°11	29°44	4°17	n.a.	W12
T 13	21 19 19	18°28'27	21°54	8°38	22° 2	16°54	6° 8	7°D47	7°28	13°49	16° 1	28° 6	29°41	4°24	n.a.	T 13
F 14	21 23 16	19°29'23	7♍ 1	10°15	23°18	17°19	6° 0	7°47	7°25	13°48	16° 3	28° 2	29°38	4°30	n.a.	F 14
S 15	21 27 13	20°30'20	21°49	11°52	24°33	17°44	5°53	7°47	7°23	13°47	16° 5	28°D 1	29°34	4°37	n.a.	S 15
S 16	21 31 9	21°31'18	6♎12	13°29	25°49	18° 8	5°45	7°48	7°21	13°46	16° 7	28° 1	29°31	4°44	n.a.	S 16
M17	21 35 6	22°32'17	20° 8	15° 5	27° 5	18°32	5°37	7°48	7°18	13°46	16° 9	28° 2	29°28	4°50	n.a.	M17
T 18	21 39 2	23°33'18	3♏36	16°41	28°20	18°55	5°30	7°49	7°16	13°45	16°11	28° 4	29°25	4°57	n.a.	T 18
W19	21 42 59	24°34'20	16°38	18°18	29°36	19°18	5°22	7°49	7°13	13°44	16°13	28° 5	29°22	5° 4	n.a.	W19
T 20	21 46 55	25°35'22	29°18	19°54	0♍52	19°41	5°14	7°50	7°11	13°43	16°15	28°R 5	29°18	5°10	n.a.	T 20
F 21	21 50 52	26°36'26	11♐40	21°29	2° 7	20° 4	5° 6	7°51	7° 8	13°42	16°17	28° 4	29°15	5°17	n.a.	F 21
S 22	21 54 48	27°37'31	23°49	23° 5	3°23	20°26	4°58	7°52	7° 6	13°41	16°19	28° 1	29°12	5°24	n.a.	S 22
S 23	21 58 45	28°38'37	5♑48	24°41	4°39	20°48	4°49	7°53	7° 3	13°40	16°21	27°57	29° 9	5°31	n.a.	S 23
M24	22 2 42	29°39'44	17°42	26°16	5°54	21°10	4°41	7°54	7° 1	13°38	16°23	27°52	29° 6	5°37	n.a.	M24
T 25	22 6 38	0♍40'52	29°32	27°51	7°10	21°31	4°33	7°55	6°58	13°37	16°25	27°47	29° 3	5°44	n.a.	T 25
W26	22 10 35	1°42'00	11♒23	29°26	8°25	21°52	4°25	7°57	6°56	13°36	16°26	27°42	28°59	5°51	n.a.	W26
T 27	22 14 31	2°43'10	23°17	1♍ 1	9°41	22°12	4°17	7°58	6°53	13°35	16°28	27°38	28°56	5°57	n.a.	T 27
F 28	22 18 28	3°44'21	5♓14	2°36	10°57	22°32	4° 9	8° 0	6°51	13°34	16°30	27°35	28°53	6° 4	n.a.	F 28
S 29	22 22 24	4°45'32	17°17	4°11	12°12	22°52	4° 0	8° 1	6°48	13°33	16°32	27°33	28°50	6°11	n.a.	S 29
S 30	22 26 21	5♍46'45	29♓28	5♍45	13♍28	23♉11	3♓52	8♐ 3	6♓46	13♈31	16♋33	27°D33	28♓47	6♒17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n13	10s21	1s47	24n38	2n 2	20n23	1n21	15n51	0n 7	10s42	1s50	22s54	0s40	9s37	0s50	3n57	1s51	39n26	16n24	0s34	0n 8	24s14		n.a.
S 2	18 57	4 39	0 45	24 25	2 3	20 2	1 21	16 1	0 8	10 44	1 50	22 54	0 40	9 37	0 50	3 57	1 51	39 26	16 24	0 35	0 6	24 12		n.a.
M 3	18 41	1n17	0n20	24 10	2 3	19 41	1 20	16 11	0 10	10 47	1 51	22 54	0 40	9 38	0 50	3 56	1 51	39 26	16 24	0 35	0 5	24 10		n.a.
T 4	18 25	7 16	1 26	23 54	2 3	19 19	1 19	16 21	0 11	10 49	1 51	22 54	0 40	9 39	0 50	3 56	1 52	39 26	16 25	0 34	0 4	24 8		n.a.
W 5	18 8	13 6	2 29	23 35	2 2	18 57	1 18	16 30	0 12	10 52	1 51	22 54	0 40	9 40	0 50	3 56	1 52	39 26	16 25	0 34	0 3	24 6		n.a.
T 6	17 51	18 33	3 26	23 14	2 1	18 34	1 18	16 40	0 13	10 55	1 51	22 54	0 40	9 41	0 50	3 56	1 52	39 26	16 25	0 34	0 1	24 3		n.a.
F 7	17 34	23 17	4 13	22 52	1 58	18 10	1 17	16 49	0 14	10 57	1 51	22 54	0 40	9 42	0 50	3 55	1 52	39 26	16 26	0 34	0s 0	24 1		n.a.
S 8	17 16	26 54	4 48	22 29	1 56	17 47	1 16	16 58	0 16	11 0	1 51	22 54	0 40	9 43	0 50	3 55	1 52	39 26	16 26	0 35	0 1	23 59		n.a.
S 9	16 58	28 57	5 7	22 4	1 53	17 22	1 15	17 7	0 17	11 3	1 51	22 54	0 40	9 43	0 50	3 55	1 52	39 26	16 26	0 37	0 3	23 57		n.a.
M10	16 40	29 3	5 6	21 37	1 50	16 57	1 14	17 16	0 18	11 6	1 51	22 54	0 40	9 44	0 50	3 54	1 52	39 26	16 26	0 39	0 4	23 55		n.a.
T 11	16 21	27 2	4 44	21 10	1 46	16 32	1 12	17 25	0 19	11 8	1 51	22 54	0 40	9 45	0 50	3 54	1 52	39 26	16 27	0 42	0 5	23 53		n.a.
W12	16 2	23 2	4 2	20 41	1 42	16 6	1 11	17 34	0 21	11 11	1 51	22 54	0 40	9 46	0 50	3 54	1 52	39 26	16 27	0 44	0 7	23 51		n.a.
T 13	15 43	17 29	3 3	20 11	1 37	15 39	1 10	17 43	0 22	11 14	1 51	22 54	0 40	9 47	0 50	3 53	1 52	39 26	16 27	0 47	0 8	23 48		n.a.
F 14	15 23	10 54	1 52	19 40	1 33	15 13	1 9	17 51	0 23	11 17	1 52	22 54	0 40	9 48	0 50	3 53	1 52	39 26	16 28	0 48	0 9	23 46		n.a.
S 15	15 4	3 51	0 34	19 7	1 28	14 46	1 7	18 0	0 25	11 20	1 52	22 54	0 40	9 49	0 50	3 53	1 52	39 26	16 28	0 49	0 10	23 44		n.a.
S 16	14 44	3s12	0s45	18 34	1 23	14 18	1 6	18 8	0 26	11 23	1 52	22 54	0 40	9 50	0 50	3 52	1 52	39 26	16 28	0 49	0 12	23 42		n.a.
M17	14 23	9 53	1 58	18 0	1 18	13 50	1 4	18 16	0 27	11 26	1 52	22 54	0 40	9 51	0 50	3 52	1 52	39 26	16 29	0 48	0 13	23 40		n.a.
T 18	14 3	15 54	3 2	17 25	1 12	13 22	1 3	18 24	0 29	11 29	1 52	22 54	0 41	9 52	0 50	3 51	1 52	39 26	16 29	0 48	0 14	23 37		n.a.
W19	13 42	21 1	3 54	16 50	1 7	12 53	1 1	18 32	0 30	11 32	1 52	22 54	0 41	9 53	0 50	3 51	1 52	39 26	16 29	0 47	0 16	23 35		n.a.
T 20	13 21	25 1	4 34	16 13	1 1	12 24	1 0	18 40	0 32	11 35	1 52	22 54	0 41	9 54	0 50	3 51	1 52	39 27	16 30	0 47	0 17	23 33		n.a.
F 21	13 0	27 46	5 0	15 36	0 55	11 55	0 58	18 48	0 33	11 38	1 52	22 54	0 41	9 54	0 50	3 50	1 52	39 27	16 30	0 47	0 18	23 31		n.a.
S 22	12 38	29 9	5 11	14 59	0 49	11 25	0 56	18 55	0 35	11 41	1 52	22 54	0 41	9 55	0 50	3 50	1 52	39 27	16 30	0 49	0 20	23 29		n.a.
S 23	12 16	29 8	5 9	14 20	0 43	10 55	0 54	19 3	0 36	11 44	1 52	22 55	0 41	9 56	0 50	3 49	1 52	39 27	16 31	0 50	0 21	23 26		n.a.
M24	11 55	27 46	4 54	13 42	0 37	10 25	0 53	19 10	0 38	11 47	1 51	22 55	0 41	9 57	0 50	3 49	1 52	39 27	16 31	0 52	0 22	23 24		n.a.
T 25	11 32	25 9	4 26	13 2	0 31	9 54	0 51	19 17	0 39	11 50	1 51	22 55	0 41	9 58	0 50	3 48	1 52	39 27	16 32	0 54	0 23	23 22		n.a.
W26	11 10	21 28	3 47	12 22	0 25	9 24	0 49	19 24	0 41	11 53	1 51	22 55	0 41	9 59	0 50	3 48	1 52	39 27	16 32	0 56	0 25	23 20		n.a.
T 27	10 48	16 55	2 57	11 42	0 18	8 53	0 47	19 31	0 43	11 56	1 51	22 56	0 41	10 0	0 50	3 47	1 53	39 27	16 32	0 58	0 26	23 17		n.a.
F 28	10 25	11 42	2 0	11 1	0 12	8 22	0 45	19 38	0 44	11 59	1 51	22 56	0 41	10 1	0 50	3 47	1 53	39 28	16 33	0 59	0 27	23 15		n.a.
S 29	10 2	6 1	0 56	10 20	0 6	7 50	0 43	19 45	0 46	12 2	1 51	22 56	0 41	10 2	0 50	3 46	1 53	39 28	16 33	1 0	0 29	23 13		n.a.
S 30	9n39	0s 4	0n11	9n39	0s 1	7n19	0n41	19n52	0n47	12s 5	1s51	22s57	0s41	10s 3	0s50	3n46	1s53	39n28	16n34	1s 0	0s30	23s11		n.a.

Julian Day Number = 190173.5, Delta T = 32h29m29s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°40'01, Lahiri = -61°33'00 Julian Calendar 1 Sept. 4193 BCE == Greg. Calendar 30 July 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

OCTOBER 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 30 17	6♍47'58	11♈48	7♍20	14♍43	23♉30	3°R44	8♐ 5	6°R43	13°R30	16♋35	27♓34	28♓44	6♒24	n.a.	M 1
T 2	22 34 14	7°49'13	24°19	8°55	15°59	23°49	3♓36	8° 7	6♓41	13♈29	16°37	27°35	28°40	6°31	n.a.	T 2
W 3	22 38 11	8°50'29	7♉ 4	10°29	17°14	24° 7	3°28	8° 9	6°38	13°27	16°38	27°37	28°37	6°37	n.a.	W 3
T 4	22 42 7	9°51'46	20° 5	12° 3	18°30	24°24	3°20	8°11	6°35	13°26	16°40	27°38	28°34	6°44	n.a.	T 4
F 5	22 46 4	10°53'04	3♊25	13°38	19°45	24°42	3°12	8°14	6°33	13°25	16°42	27°39	28°31	6°51	n.a.	F 5
S 6	22 50 0	11°54'23	17° 5	15°12	21° 1	24°58	3° 4	8°16	6°30	13°23	16°43	27°R39	28°28	6°58	n.a.	S 6
S 7	22 53 57	12°55'43	1♋ 7	16°47	22°16	25°15	2°56	8°19	6°28	13°22	16°45	27°38	28°24	7° 4	n.a.	S 7
M 8	22 57 53	13°57'04	15°29	18°22	23°32	25°30	2°48	8°21	6°25	13°20	16°46	27°37	28°21	7°11	n.a.	M 8
T 9	23 1 50	14°58'26	0♌ 9	19°56	24°47	25°46	2°40	8°24	6°23	13°19	16°48	27°35	28°18	7°18	n.a.	T 9
W10	23 5 47	15°59'48	15° 1	21°31	26° 2	26° 0	2°32	8°27	6°20	13°18	16°49	27°34	28°15	7°24	n.a.	W10
T 11	23 9 43	17° 1'12	29°59	23° 6	27°18	26°15	2°24	8°30	6°18	13°16	16°50	27°32	28°12	7°31	n.a.	T 11
F 12	23 13 40	18° 2'35	14♍53	24°40	28°33	26°28	2°17	8°33	6°15	13°15	16°52	27°32	28° 9	7°38	n.a.	F 12
S 13	23 17 36	19° 3'59	29°36	26°15	29°49	26°42	2° 9	8°36	6°13	13°13	16°53	27°D32	28° 5	7°44	n.a.	S 13
S 14	23 21 33	20° 5'24	14♎ 1	27°50	1♎ 4	26°54	2° 2	8°39	6°11	13°12	16°55	27°32	28° 2	7°51	n.a.	S 14
M15	23 25 29	21° 6'48	28° 3	29°25	2°19	27° 6	1°54	8°43	6° 8	13°10	16°56	27°32	27°59	7°58	n.a.	M15
T 16	23 29 26	22° 8'13	11♏39	1♎ 1	3°35	27°18	1°47	8°46	6° 6	13° 8	16°57	27°33	27°56	8° 4	n.a.	T 16
W17	23 33 22	23° 9'38	24°50	2°36	4°50	27°29	1°40	8°50	6° 3	13° 7	16°58	27°34	27°53	8°11	n.a.	W17
T 18	23 37 19	24°11'03	7♐37	4°11	6° 5	27°39	1°33	8°53	6° 1	13° 5	17° 0	27°34	27°50	8°18	n.a.	T 18
F 19	23 41 16	25°12'28	20° 4	5°46	7°21	27°49	1°26	8°57	5°59	13° 4	17° 1	27°34	27°46	8°25	n.a.	F 19
S 20	23 45 12	26°13'53	2♑14	7°22	8°36	27°58	1°19	9° 1	5°56	13° 2	17° 2	27°R34	27°43	8°31	n.a.	S 20
S 21	23 49 9	27°15'17	14°13	8°57	9°51	28° 7	1°12	9° 5	5°54	13° 0	17° 3	27°D34	27°40	8°38	n.a.	S 21
M22	23 53 5	28°16'41	26° 6	10°32	11° 6	28°14	1° 6	9° 9	5°52	12°59	17° 4	27°34	27°37	8°45	n.a.	M22
T 23	23 57 2	29°18'05	7♒55	12° 7	12°22	28°22	0°59	9°13	5°49	12°57	17° 5	27°34	27°34	8°51	n.a.	T 23
W24	0 0 59	0♎19'29	19°47	13°42	13°37	28°28	0°53	9°17	5°47	12°56	17° 6	27°34	27°30	8°58	n.a.	W24
T 25	0 4 55	1°20'52	1♓43	15°16	14°52	28°34	0°47	9°21	5°45	12°54	17° 7	27°35	27°27	9° 5	n.a.	T 25
F 26	0 8 52	2°22'15	13°48	16°50	16° 7	28°40	0°41	9°26	5°43	12°52	17° 8	27°35	27°24	9°11	n.a.	F 26
S 27	0 12 48	3°23'38	26° 2	18°24	17°22	28°44	0°35	9°30	5°40	12°51	17° 9	27°R35	27°21	9°18	n.a.	S 27
S 28	0 16 45	4°25'01	8♈28	19°56	18°37	28°48	0°30	9°35	5°38	12°49	17°10	27°35	27°18	9°25	n.a.	S 28
M29	0 20 41	5°26'23	21° 7	21°28	19°52	28°51	0°24	9°39	5°36	12°47	17°11	27°35	27°15	9°31	n.a.	M29
T 30	0 24 38	6°27'45	3♉59	22°59	21° 7	28°54	0°19	9°44	5°34	12°45	17°11	27°34	27°11	9°38	n.a.	T 30
W31	0 28 35	7♎29'07	17♉ 4	24♎28	22♎23	28♉55	0♓14	9♐49	5♓32	12♈44	17♋12	27♓32	27♓ 8	9♒45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	9n16	5n59	1n18	8n57	0s 7	6n47	0n39	19n58	0n49	12s 8	1s51	22s57	0s41	10s 4	0s50	3n45	1s53	39n28	16n34	1s 0	0s31	23s 8			n.a.
T 2	8 52	11 53	2 22	8 15	0 13	6 15	0 37	20 5	0 51	12 11	1 51	22 57	0 41	10 5	0 50	3 45	1 53	39 28	16 35	0 59	0 33	23 6			n.a.
W 3	8 29	17 25	3 21	7 33	0 20	5 43	0 35	20 11	0 53	12 14	1 51	22 58	0 41	10 6	0 50	3 44	1 53	39 29	16 35	0 59	0 34	23 4			n.a.
T 4	8 5	22 17	4 11	6 50	0 26	5 10	0 33	20 17	0 54	12 17	1 51	22 58	0 41	10 7	0 50	3 43	1 53	39 29	16 36	0 58	0 35	23 1			n.a.
F 5	7 41	26 9	4 48	6 7	0 32	4 38	0 30	20 23	0 56	12 20	1 50	22 58	0 41	10 8	0 50	3 43	1 53	39 29	16 36	0 58	0 36	22 59			n.a.
S 6	7 17	28 37	5 11	5 24	0 38	4 6	0 28	20 29	0 58	12 23	1 50	22 59	0 41	10 9	0 50	3 42	1 53	39 29	16 36	0 58	0 38	22 57			n.a.
S 7	6 53	29 22	5 16	4 41	0 44	3 33	0 26	20 35	1 0	12 25	1 50	22 59	0 41	10 10	0 50	3 42	1 53	39 29	16 37	0 58	0 39	22 54			n.a.
M 8	6 29	28 10	5 1	3 58	0 50	3 0	0 24	20 41	1 2	12 28	1 50	23 0	0 41	10 11	0 50	3 41	1 53	39 30	16 37	0 58	0 40	22 52			n.a.
T 9	6 5	25 2	4 27	3 14	0 56	2 27	0 22	20 46	1 4	12 31	1 50	23 0	0 41	10 12	0 50	3 41	1 53	39 30	16 38	0 59	0 42	22 50			n.a.
W10	5 40	20 11	3 34	2 31	1 2	1 55	0 19	20 52	1 6	12 34	1 50	23 1	0 41	10 13	0 50	3 40	1 53	39 30	16 38	1 0	0 43	22 48			n.a.
T 11	5 16	14 5	2 27	1 47	1 8	1 22	0 17	20 57	1 7	12 36	1 49	23 1	0 41	10 14	0 50	3 39	1 53	39 31	16 39	1 0	0 44	22 45			n.a.
F 12	4 51	7 11	1 10	1 4	1 13	0 49	0 15	21 2	1 9	12 39	1 49	23 2	0 41	10 15	0 50	3 39	1 53	39 31	16 39	1 1	0 46	22 43			n.a.
S 13	4 27	0s 1	0s12	0 20	1 18	0 16	0 12	21 8	1 11	12 42	1 49	23 2	0 41	10 15	0 50	3 38	1 53	39 31	16 40	1 1	0 47	22 40			n.a.
S 14	4 2	7 4	1 30	0s23	1 24	0s17	0 10	21 13	1 13	12 44	1 49	23 3	0 41	10 16	0 50	3 37	1 53	39 31	16 40	1 1	0 48	22 38			n.a.
M15	3 37	13 35	2 41	1 7	1 29	0 50	0 7	21 17	1 16	12 47	1 49	23 3	0 41	10 17	0 50	3 37	1 53	39 32	16 41	1 0	0 49	22 36			n.a.
T 16	3 12	19 15	3 41	1 50	1 33	1 23	0 5	21 22	1 18	12 49	1 48	23 4	0 41	10 18	0 50	3 36	1 53	39 32	16 42	1 0	0 51	22 33			n.a.
W17	2 47	23 49	4 27	2 33	1 38	1 56	0 3	21 27	1 20	12 52	1 48	23 4	0 41	10 19	0 50	3 36	1 53	39 32	16 42	1 0	0 52	22 31			n.a.
T 18	2 22	27 6	4 58	3 16	1 42	2 29	0 0	21 31	1 22	12 54	1 48	23 5	0 41	10 20	0 50	3 35	1 53	39 33	16 43	1 0	0 53	22 29			n.a.
F 19	1 57	28 58	5 15	3 59	1 47	3 2	0s 2	21 36	1 24	12 56	1 48	23 6	0 41	10 21	0 50	3 34	1 53	39 33	16 43	1 0	0 55	22 26			n.a.
S 20	1 32	29 22	5 16	4 41	1 50	3 34	0 5	21 40	1 26	12 59	1 47	23 6	0 41	10 22	0 50	3 34	1 53	39 34	16 44	1 0	0 56	22 24			n.a.
S 21	1 7	28 22	5 4	5 23	1 54	4 7	0 7	21 44	1 28	13 1	1 47	23 7	0 41	10 23	0 50	3 33	1 53	39 34	16 44	1 0	0 57	22 21			n.a.
M22	0 42	26 5	4 39	6 4	1 57	4 39	0 9	21 48	1 31	13 3	1 47	23 8	0 41	10 23	0 50	3 32	1 53	39 34	16 45	1 0	0 59	22 19			n.a.
T 23	0 17	22 41	4 2	6 45	2 0	5 12	0 12	21 52	1 33	13 5	1 47	23 8	0 41	10 24	0 50	3 32	1 53	39 35	16 45	1 0	1 0	22 17			n.a.
W24	0s 8	18 22	3 15	7 25	2 2	5 44	0 14	21 56	1 35	13 7	1 46	23 9	0 41	10 25	0 50	3 31	1 53	39 35	16 46	0 59	1 1	22 14			n.a.
T 25	0 33	13 19	2 19	8 5	2 4	6 16	0 17	22 0	1 38	13 9	1 46	23 10	0 41	10 26	0 50	3 30	1 53	39 36	16 46	0 59	1 2	22 12			n.a.
F 26	0 58	7 43	1 16	8 44	2 6	6 48	0 19	22 3	1 40	13 11	1 46	23 10	0 41	10 27	0 50	3 30	1 53	39 36	16 47	0 59	1 4	22 9			n.a.
S 27	1 23	1 45	0 9	9 21	2 7	7 20	0 21	22 6	1 42	13 13	1 45	23 11	0 41	10 28	0 50	3 29	1 53	39 36	16 48	0 59	1 5	22 7			n.a.
S 28	1 48	4n22	1n 0	9 58	2 8	7 52	0 24	22 10	1 45	13 14	1 45	23 12	0 41	10 28	0 50	3 28	1 53	39 37	16 48	0 59	1 6	22 5			n.a.
M29	2 13	10 25	2 7	10 34	2 8	8 23	0 26	22 13	1 47	13 16	1 45	23 13	0 41	10 29	0 50	3 28	1 53	39 37	16 49	0 59	1 8	22 2			n.a.
T 30	2 38	16 8	3 8	11 8	2 7	8 54	0 28	22 16	1 50	13 18	1 44	23 13	0 41	10 30	0 50	3 27	1 53	39 38	16 49	1 0	1 9	22 0			n.a.
W31	3s 3	21n15	4n 1	11s41	2s 6	9s25	0s31	22n19	1n52	13s19	1s44	23s14	0s41	10s31	0s50	3n26	1s53	39n38	16n50	1s 0	1s10	21s57			n.a.

Julian Day Number = 190203.5, Delta T = 32h29m26s
Ecliptic obliquity = 24°07'08, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'57, Lahiri = -61°32'56 Julian Calendar 1 Oct. 4193 BCE == Greg. Calendar 29 Aug. 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

NOVEMBER 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 32 31	8♎30'29	0♊22	25♎55	23♎38	28♉56	0°R 9	9♐53	5°R30	12°R42	17♋13	27°R31	27♓ 5	9♒52	n.a.	T 1
F 2	0 36 28	9°31'50	13°54	27°21	24°53	28°R57	0♓ 4	9°58	5♓28	12♈40	17°14	27♓30	27° 2	9°58	n.a.	F 2
S 3	0 40 24	10°33'12	27°38	28°44	26° 8	28°56	29♒59	10° 3	5°26	12°39	17°14	27°29	26°59	10° 5	n.a.	S 3
S 4	0 44 21	11°34'33	11♋35	0♏ 4	27°23	28°55	29°55	10° 9	5°24	12°37	17°15	27°D28	26°55	10°12	n.a.	S 4
M 5	0 48 17	12°35'54	25°44	1°20	28°38	28°53	29°51	10°14	5°22	12°35	17°16	27°29	26°52	10°18	n.a.	M 5
T 6	0 52 14	13°37'15	10♌ 2	2°33	29°53	28°50	29°47	10°19	5°20	12°34	17°16	27°30	26°49	10°25	n.a.	T 6
W 7	0 56 11	14°38'35	24°27	3°41	1♏ 8	28°46	29°43	10°24	5°19	12°32	17°17	27°31	26°46	10°32	n.a.	W 7
T 8	1 0 7	15°39'55	8♍55	4°43	2°22	28°42	29°39	10°30	5°17	12°30	17°17	27°32	26°43	10°38	n.a.	T 8
F 9	1 4 4	16°41'14	23°23	5°39	3°37	28°37	29°35	10°35	5°15	12°28	17°18	27°R33	26°40	10°45	n.a.	F 9
S 10	1 8 0	17°42'32	7♎45	6°28	4°52	28°31	29°32	10°41	5°13	12°27	17°18	27°32	26°36	10°52	n.a.	S 10
S 11	1 11 57	18°43'50	21°54	7° 8	6° 7	28°24	29°29	10°46	5°12	12°25	17°18	27°31	26°33	10°58	n.a.	S 11
M12	1 15 53	19°45'07	5♏48	7°40	7°22	28°16	29°26	10°52	5°10	12°23	17°19	27°29	26°30	11° 5	n.a.	M12
T 13	1 19 50	20°46'23	19°22	8° 2	8°37	28° 7	29°23	10°58	5° 8	12°22	17°19	27°25	26°27	11°12	n.a.	T 13
W14	1 23 47	21°47'38	2♐34	8°14	9°52	27°58	29°21	11° 4	5° 7	12°20	17°19	27°21	26°24	11°18	n.a.	W14
T 15	1 27 43	22°48'52	15°25	8°R14	11° 6	27°48	29°18	11° 9	5° 5	12°18	17°20	27°17	26°21	11°25	n.a.	T 15
F 16	1 31 40	23°50'05	27°55	8° 3	12°21	27°37	29°16	11°15	5° 4	12°17	17°20	27°14	26°17	11°32	n.a.	F 16
S 17	1 35 36	24°51'16	10♑ 9	7°40	13°36	27°26	29°14	11°21	5° 3	12°15	17°20	27°12	26°14	11°39	n.a.	S 17
S 18	1 39 33	25°52'26	22°10	7° 5	14°51	27°13	29°13	11°28	5° 1	12°13	17°20	27°D10	26°11	11°45	n.a.	S 18
M19	1 43 30	26°53'35	4♒ 3	6°20	16° 5	27° 0	29°11	11°34	5° 0	12°12	17°20	27°11	26° 8	11°52	n.a.	M19
T 20	1 47 26	27°54'42	15°53	5°26	17°20	26°46	29°10	11°40	4°59	12°10	17°20	27°12	26° 5	11°59	n.a.	T 20
W21	1 51 23	28°55'48	27°44	4°23	18°35	26°31	29° 9	11°46	4°57	12° 8	17°R20	27°14	26° 1	12° 5	n.a.	W21
T 22	1 55 19	29°56'52	9♓43	3°14	19°49	26°16	29° 8	11°52	4°56	12° 7	17°20	27°16	25°58	12°12	n.a.	T 22
F 23	1 59 16	0♏57'54	21°52	2° 0	21° 4	26° 0	29° 7	11°59	4°55	12° 5	17°20	27°R17	25°55	12°19	n.a.	F 23
S 24	2 3 12	1°58'55	4♈16	0°45	22°18	25°43	29° 7	12° 5	4°54	12° 4	17°20	27°17	25°52	12°25	n.a.	S 24
S 25	2 7 9	2°59'55	16°56	29♎30	23°33	25°25	29° 6	12°12	4°53	12° 2	17°20	27°15	25°49	12°32	n.a.	S 25
M26	2 11 6	4° 0'53	29°54	28°17	24°47	25° 7	29°D 6	12°18	4°52	12° 0	17°20	27°11	25°46	12°39	n.a.	M26
T 27	2 15 2	5° 1'50	13♉10	27° 8	26° 2	24°49	29° 6	12°25	4°51	11°59	17°20	27° 6	25°42	12°45	n.a.	T 27
W28	2 18 59	6° 2'46	26°42	26° 6	27°16	24°29	29° 7	12°31	4°50	11°57	17°20	26°59	25°39	12°52	n.a.	W28
T 29	2 22 55	7° 3'40	10♊28	25°10	28°31	24° 9	29° 7	12°38	4°49	11°56	17°19	26°53	25°36	12°59	n.a.	T 29
F 30	2 26 52	8♏ 4'33	24♊23	24♎22	29♏45	23♉49	29♒ 8	12♐45	4♓49	11♈54	17♋19	26♓46	25♓33	13♒ 5	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s28	25n23	4n42	12 s12	2 s 4	9 s56	0 s33	22n21	1n55	13 s21	1 s44	23 s15	0 s41	10 s31	0 s50	3n26	1 s53	39n39	16n50	1 s 1	1 s11	21 s55		n.a.
F 2	3 53	28 12	5 7	12 41	2 1	10 27	0 35	22 24	1 57	13 22	1 44	23 16	0 41	10 32	0 50	3 25	1 53	39 39	16 51	1 1	1 13	21 52		n.a.
S 3	4 17	29 22	5 16	13 9	1 57	10 57	0 38	22 26	2 0	13 24	1 43	23 16	0 41	10 33	0 50	3 24	1 53	39 40	16 52	1 2	1 14	21 50		n.a.
S 4	4 42	28 41	5 7	13 34	1 53	11 27	0 40	22 28	2 3	13 25	1 43	23 17	0 41	10 33	0 50	3 24	1 53	39 40	16 52	1 2	1 15	21 47		n.a.
M 5	5 7	26 9	4 39	13 56	1 47	11 57	0 42	22 31	2 5	13 26	1 43	23 18	0 42	10 34	0 49	3 23	1 53	39 41	16 53	1 2	1 17	21 45		n.a.
T 6	5 31	21 58	3 53	14 16	1 40	12 26	0 45	22 32	2 8	13 27	1 42	23 19	0 42	10 35	0 49	3 22	1 53	39 41	16 53	1 1	1 18	21 42		n.a.
W 7	5 56	16 27	2 53	14 33	1 33	12 55	0 47	22 34	2 11	13 29	1 42	23 20	0 42	10 35	0 49	3 22	1 53	39 42	16 54	1 1	1 19	21 40		n.a.
T 8	6 20	10 0	1 41	14 46	1 24	13 24	0 49	22 36	2 13	13 30	1 41	23 20	0 42	10 36	0 49	3 21	1 53	39 42	16 55	1 0	1 21	21 37		n.a.
F 9	6 44	3 3	0 23	14 56	1 14	13 52	0 51	22 37	2 16	13 31	1 41	23 21	0 42	10 37	0 49	3 20	1 53	39 43	16 55	1 0	1 22	21 35		n.a.
S 10	7 8	4 s 1	0 s56	15 2	1 2	14 21	0 53	22 38	2 19	13 31	1 41	23 22	0 42	10 37	0 49	3 20	1 53	39 43	16 56	1 0	1 23	21 32		n.a.
S 11	7 32	10 46	2 10	15 4	0 50	14 48	0 55	22 39	2 21	13 32	1 40	23 23	0 42	10 38	0 49	3 19	1 53	39 44	16 56	1 1	1 24	21 30		n.a.
M12	7 56	16 53	3 15	15 1	0 36	15 16	0 57	22 40	2 24	13 33	1 40	23 24	0 42	10 39	0 49	3 18	1 53	39 44	16 57	1 2	1 26	21 27		n.a.
T 13	8 20	22 1	4 7	14 54	0 20	15 42	0 59	22 41	2 27	13 34	1 40	23 25	0 42	10 39	0 49	3 18	1 53	39 45	16 58	1 3	1 27	21 25		n.a.
W14	8 44	25 55	4 45	14 43	0 4	16 9	1 1	22 41	2 29	13 34	1 39	23 26	0 42	10 40	0 49	3 17	1 53	39 45	16 58	1 5	1 28	21 22		n.a.
T 15	9 7	28 23	5 7	14 26	0n14	16 35	1 3	22 42	2 32	13 35	1 39	23 26	0 42	10 40	0 49	3 16	1 53	39 46	16 59	1 6	1 30	21 20		n.a.
F 16	9 30	29 20	5 14	14 5	0 32	17 1	1 5	22 42	2 35	13 35	1 39	23 27	0 42	10 41	0 49	3 16	1 53	39 46	16 59	1 8	1 31	21 17		n.a.
S 17	9 53	28 48	5 6	13 39	0 51	17 26	1 7	22 42	2 38	13 35	1 38	23 28	0 42	10 41	0 49	3 15	1 53	39 47	17 0	1 9	1 32	21 15		n.a.
S 18	10 16	26 54	4 44	13 9	1 11	17 50	1 9	22 41	2 40	13 36	1 38	23 29	0 42	10 42	0 49	3 14	1 53	39 47	17 1	1 9	1 34	21 12		n.a.
M19	10 39	23 51	4 11	12 36	1 30	18 15	1 11	22 41	2 43	13 36	1 37	23 30	0 42	10 42	0 49	3 14	1 53	39 48	17 1	1 9	1 35	21 10		n.a.
T 20	11 2	19 49	3 27	11 59	1 50	18 38	1 12	22 40	2 46	13 36	1 37	23 31	0 42	10 43	0 49	3 13	1 53	39 49	17 2	1 9	1 36	21 7		n.a.
W21	11 24	15 0	2 35	11 20	2 8	19 1	1 14	22 39	2 49	13 36	1 37	23 32	0 42	10 43	0 49	3 12	1 53	39 49	17 2	1 8	1 37	21 4		n.a.
T 22	11 46	9 36	1 35	10 40	2 26	19 24	1 16	22 38	2 51	13 36	1 36	23 33	0 42	10 43	0 49	3 12	1 53	39 50	17 3	1 7	1 39	21 2		n.a.
F 23	12 8	3 46	0 30	9 59	2 42	19 46	1 17	22 37	2 54	13 36	1 36	23 34	0 42	10 44	0 49	3 11	1 53	39 50	17 3	1 7	1 40	20 59		n.a.
S 24	12 30	2n19	0n38	9 19	2 56	20 8	1 19	22 35	2 56	13 36	1 36	23 35	0 42	10 44	0 49	3 11	1 53	39 51	17 4	1 7	1 41	20 57		n.a.
S 25	12 51	8 27	1 45	8 41	3 8	20 29	1 20	22 33	2 59	13 35	1 35	23 36	0 42	10 44	0 49	3 10	1 53	39 52	17 5	1 7	1 43	20 54		n.a.
M26	13 13	14 22	2 48	8 6	3 18	20 49	1 22	22 31	3 2	13 35	1 35	23 36	0 42	10 45	0 49	3 9	1 53	39 52	17 5	1 9	1 44	20 52		n.a.
T 27	13 34	19 46	3 43	7 34	3 26	21 9	1 23	22 29	3 4	13 35	1 34	23 37	0 42	10 45	0 49	3 9	1 53	39 53	17 6	1 11	1 45	20 49		n.a.
W28	13 55	24 18	4 27	7 6	3 31	21 28	1 24	22 26	3 7	13 34	1 34	23 38	0 42	10 45	0 49	3 8	1 53	39 53	17 6	1 14	1 46	20 46		n.a.
T 29	14 15	27 32	4 57	6 42	3 34	21 47	1 26	22 23	3 9	13 34	1 34	23 39	0 42	10 46	0 49	3 8	1 52	39 54	17 7	1 17	1 48	20 44		n.a.
F 30	14 s36	29n 8	5n 9	6 s23	3n35	22 s 5	1 s27	22n20	3n12	13 s33	1 s33	23 s40	0 s42	10 s46	0 s49	3n 7	1 s52	39n55	17n 8	1 s19	1 s49	20 s41		n.a.

Julian Day Number = 190234.5, Delta T = 32h29m23s
Ecliptic obliquity = 24°07'08, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'53, Lahiri = -61°32'52 Julian Calendar 1 Nov. 4193 BCE == Greg. Calendar 29 Sept. 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4193 BCE
geocentric

DECEMBER 4193 BCE (-4192) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 30 48	9♏ 5'25	8♋26	23°R43	1♐ 0	23°R28	29♒ 9	12♐52	4°R48	11°R53	17°R19	26°R41	25♓30	13♒12	n.a.	S 1
S 2	2 34 45	10° 6'15	22°33	23♎12	2°14	23♉ 7	29°10	12°58	4♓47	11♈51	17♋18	26♓38	25°27	13°19	n.a.	S 2
M 3	2 38 42	11° 7'04	6♌41	22°49	3°28	22°45	29°11	13° 5	4°47	11°50	17°18	26°D36	25°23	13°25	n.a.	M 3
T 4	2 42 38	12° 7'52	20°49	22°35	4°43	22°22	29°13	13°12	4°46	11°49	17°18	26°36	25°20	13°32	n.a.	T 4
W 5	2 46 35	13° 8'38	4♍55	22°D29	5°57	22° 0	29°15	13°19	4°45	11°47	17°17	26°37	25°17	13°39	n.a.	W 5
T 6	2 50 31	14° 9'23	18°59	22°30	7°11	21°37	29°17	13°26	4°45	11°46	17°17	26°39	25°14	13°46	n.a.	T 6
F 7	2 54 28	15°10'06	2♎58	22°38	8°25	21°14	29°19	13°33	4°45	11°44	17°16	26°R39	25°11	13°52	n.a.	F 7
S 8	2 58 24	16°10'48	16°51	22°53	9°40	20°50	29°21	13°40	4°44	11°43	17°16	26°37	25° 7	13°59	n.a.	S 8
S 9	3 2 21	17°11'28	0♏35	23°14	10°54	20°26	29°24	13°47	4°44	11°42	17°15	26°32	25° 4	14° 6	n.a.	S 9
M10	3 6 18	18°12'07	14° 7	23°41	12° 8	20° 3	29°26	13°54	4°44	11°40	17°14	26°26	25° 1	14°12	n.a.	M10
T 11	3 10 14	19°12'43	27°26	24°13	13°22	19°39	29°29	14° 2	4°43	11°39	17°14	26°17	24°58	14°19	n.a.	T 11
W12	3 14 11	20°13'18	10♐29	24°49	14°36	19°15	29°32	14° 9	4°43	11°38	17°13	26° 7	24°55	14°26	n.a.	W12
T 13	3 18 7	21°13'51	23°14	25°31	15°50	18°51	29°36	14°16	4°43	11°37	17°12	25°57	24°52	14°32	n.a.	T 13
F 14	3 22 4	22°14'22	5♑43	26°16	17° 4	18°27	29°39	14°23	4°D43	11°35	17°12	25°47	24°48	14°39	n.a.	F 14
S 15	3 26 0	23°14'51	17°56	27° 4	18°18	18° 3	29°43	14°31	4°43	11°34	17°11	25°39	24°45	14°46	n.a.	S 15
S 16	3 29 57	24°15'18	29°57	27°56	19°32	17°40	29°47	14°38	4°43	11°33	17°10	25°34	24°42	14°52	n.a.	S 16
M17	3 33 54	25°15'42	11♒50	28°52	20°46	17°16	29°51	14°45	4°43	11°32	17° 9	25°30	24°39	14°59	n.a.	M17
T 18	3 37 50	26°16'05	23°39	29°50	22° 0	16°53	29°55	14°53	4°43	11°31	17° 8	25°D29	24°36	15° 6	n.a.	T 18
W19	3 41 47	27°16'24	5♓30	0♏51	23°14	16°30	29°59	15° 0	4°44	11°30	17° 8	25°30	24°32	15°12	n.a.	W19
T 20	3 45 43	28°16'42	17°28	1°54	24°28	16° 8	0♓ 4	15° 7	4°44	11°29	17° 7	25°30	24°29	15°19	n.a.	T 20
F 21	3 49 40	29°16'57	29°38	3° 0	25°41	15°45	0° 9	15°15	4°44	11°28	17° 6	25°R30	24°26	15°26	n.a.	F 21
S 22	3 53 36	0♐17'10	12♈ 6	4° 8	26°55	15°24	0°14	15°22	4°45	11°27	17° 5	25°29	24°23	15°32	n.a.	S 22
S 23	3 57 33	1°17'21	24°54	5°18	28° 9	15° 2	0°19	15°30	4°45	11°26	17° 4	25°25	24°20	15°39	n.a.	S 23
M24	4 1 29	2°17'29	8♉ 5	6°30	29°22	14°41	0°24	15°37	4°45	11°25	17° 3	25°19	24°17	15°46	n.a.	M24
T 25	4 5 26	3°17'35	21°40	7°43	0♑36	14°21	0°29	15°45	4°46	11°24	17° 2	25°10	24°13	15°52	n.a.	T 25
W26	4 9 23	4°17'40	5♊36	8°59	1°49	14° 1	0°35	15°52	4°47	11°23	17° 1	25° 0	24°10	15°59	n.a.	W26
T 27	4 13 19	5°17'42	19°49	10°16	3° 3	13°42	0°41	16° 0	4°47	11°22	16°59	24°48	24° 7	16° 6	n.a.	T 27
F 28	4 17 16	6°17'42	4♋14	11°34	4°16	13°23	0°47	16° 7	4°48	11°21	16°58	24°38	24° 4	16°12	n.a.	F 28
S 29	4 21 12	7°17'40	18°44	12°54	5°30	13° 5	0°53	16°15	4°49	11°20	16°57	24°28	24° 1	16°19	n.a.	S 29
S 30	4 25 9	8°17'35	3♌12	14°16	6°43	12°48	0°59	16°23	4°49	11°19	16°56	24°22	23°58	16°26	n.a.	S 30
M31	4 29 5	9♐17'29	17♌34	15♏39	7♑56	12♉31	1♓ 6	16♐30	4♓50	11♈19	16♋55	24♓18	23♓54	16♒32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s56	28n52	5n 3	6s 9	3n35	22s22	1s28	22n17	3n14	13s32	1s33	23s41	0s42	10s46	0s48	3n 7	1s52	39n55	17n 8	1s21	1s50	20s39		n.a.
S 2	15 16	26 44	4 38	5 59	3 32	22 39	1 29	22 14	3 16	13 32	1 32	23 42	0 42	10 46	0 48	3 6	1 52	39 56	17 9	1 23	1 52	20 36		n.a.
M 3	15 35	22 56	3 57	5 54	3 29	22 55	1 30	22 10	3 18	13 31	1 32	23 43	0 43	10 47	0 48	3 5	1 52	39 56	17 9	1 23	1 53	20 33		n.a.
T 4	15 54	17 49	3 1	5 53	3 24	23 10	1 31	22 6	3 21	13 30	1 32	23 44	0 43	10 47	0 48	3 5	1 52	39 57	17 10	1 23	1 54	20 31		n.a.
W 5	16 13	11 45	1 55	5 57	3 18	23 25	1 32	22 2	3 23	13 29	1 31	23 45	0 43	10 47	0 48	3 4	1 52	39 58	17 10	1 23	1 56	20 28		n.a.
T 6	16 32	5 7	0 41	6 3	3 11	23 39	1 33	21 58	3 25	13 28	1 31	23 46	0 43	10 47	0 48	3 4	1 52	39 58	17 11	1 22	1 57	20 25		n.a.
F 7	16 51	1s44	0s34	6 13	3 3	23 52	1 34	21 53	3 27	13 27	1 31	23 47	0 43	10 47	0 48	3 3	1 52	39 59	17 11	1 22	1 58	20 23		n.a.
S 8	17 9	8 26	1 47	6 27	2 55	24 5	1 34	21 49	3 29	13 26	1 30	23 48	0 43	10 47	0 48	3 3	1 52	39 59	17 12	1 23	1 59	20 20		n.a.
S 9	17 27	14 40	2 52	6 43	2 47	24 17	1 35	21 44	3 30	13 24	1 30	23 49	0 43	10 47	0 48	3 2	1 52	40 0	17 13	1 25	2 1	20 17		n.a.
M10	17 44	20 7	3 47	7 1	2 38	24 28	1 35	21 39	3 32	13 23	1 29	23 50	0 43	10 47	0 48	3 2	1 52	40 1	17 13	1 28	2 2	20 15		n.a.
T 11	18 1	24 29	4 28	7 21	2 28	24 38	1 36	21 34	3 34	13 22	1 29	23 51	0 43	10 47	0 48	3 1	1 52	40 1	17 14	1 31	2 3	20 12		n.a.
W12	18 18	27 30	4 54	7 44	2 19	24 48	1 36	21 28	3 35	13 20	1 29	23 51	0 43	10 47	0 48	3 1	1 52	40 2	17 14	1 35	2 5	20 9		n.a.
T 13	18 35	29 1	5 5	8 8	2 9	24 57	1 37	21 23	3 37	13 19	1 28	23 52	0 43	10 47	0 48	3 1	1 52	40 3	17 15	1 39	2 6	20 7		n.a.
F 14	18 51	29 0	5 0	8 34	2 0	25 5	1 37	21 17	3 38	13 17	1 28	23 53	0 43	10 47	0 48	3 0	1 52	40 3	17 15	1 43	2 7	20 4		n.a.
S 15	19 7	27 32	4 42	9 1	1 50	25 12	1 37	21 12	3 39	13 15	1 28	23 54	0 43	10 47	0 48	3 0	1 52	40 4	17 16	1 46	2 8	20 1		n.a.
S 16	19 22	24 50	4 12	9 29	1 40	25 19	1 37	21 6	3 41	13 14	1 27	23 55	0 43	10 47	0 48	2 59	1 52	40 4	17 16	1 49	2 10	19 59		n.a.
M17	19 37	21 6	3 31	9 58	1 30	25 24	1 37	21 0	3 42	13 12	1 27	23 56	0 43	10 47	0 48	2 59	1 52	40 5	17 17	1 50	2 11	19 56		n.a.
T 18	19 52	16 33	2 42	10 28	1 21	25 29	1 37	20 54	3 43	13 10	1 27	23 57	0 43	10 47	0 48	2 58	1 52	40 6	17 17	1 51	2 12	19 53		n.a.
W19	20 6	11 22	1 45	10 59	1 11	25 34	1 37	20 48	3 44	13 8	1 26	23 58	0 43	10 47	0 48	2 58	1 52	40 6	17 18	1 50	2 14	19 51		n.a.
T 20	20 20	5 45	0 43	11 31	1 2	25 37	1 37	20 42	3 45	13 6	1 26	23 59	0 43	10 47	0 48	2 58	1 51	40 7	17 18	1 50	2 15	19 48		n.a.
F 21	20 34	0n11	0n22	12 3	0 52	25 40	1 37	20 36	3 45	13 4	1 25	24 0	0 44	10 47	0 48	2 57	1 51	40 7	17 19	1 50	2 16	19 45		n.a.
S 22	20 47	6 15	1 27	12 35	0 43	25 42	1 37	20 30	3 46	13 2	1 25	24 1	0 44	10 46	0 48	2 57	1 51	40 8	17 19	1 51	2 18	19 42		n.a.
S 23	21 0	12 13	2 30	13 8	0 34	25 43	1 36	20 24	3 47	13 0	1 25	24 2	0 44	10 46	0 47	2 57	1 51	40 9	17 20	1 52	2 19	19 40		n.a.
M24	21 12	17 50	3 26	13 41	0 25	25 43	1 36	20 18	3 47	12 57	1 24	24 2	0 44	10 46	0 47	2 56	1 51	40 9	17 20	1 55	2 20	19 37		n.a.
T 25	21 24	22 44	4 12	14 14	0 16	25 43	1 35	20 12	3 48	12 55	1 24	24 3	0 44	10 46	0 47	2 56	1 51	40 10	17 20	1 58	2 21	19 34		n.a.
W26	21 36	26 31	4 45	14 47	0 7	25 41	1 35	20 6	3 48	12 53	1 24	24 4	0 44	10 46	0 47	2 56	1 51	40 10	17 21	2 3	2 23	19 32		n.a.
T 27	21 47	28 42	5 0	15 20	0s 1	25 39	1 34	20 1	3 48	12 50	1 23	24 5	0 44	10 45	0 47	2 55	1 51	40 11	17 21	2 7	2 24	19 29		n.a.
F 28	21 58	29 0	4 57	15 53	0 9	25 36	1 34	19 55	3 48	12 48	1 23	24 6	0 44	10 45	0 47	2 55	1 51	40 12	17 22	2 12	2 25	19 26		n.a.
S 29	22 9	27 18	4 35	16 25	0 17	25 33	1 33	19 49	3 48	12 45	1 23	24 7	0 44	10 45	0 47	2 55	1 51	40 12	17 22	2 15	2 27	19 23		n.a.
S 30	22 19	23 48	3 56	16 58	0 25	25 28	1 32	19 44	3 48	12 43	1 22	24 8	0 44	10 44	0 47	2 55	1 51	40 13	17 23	2 18	2 28	19 21		n.a.
M31	22s28	18n52	3n 1	17s30	0s33	25s23	1s31	19n38	3n48	12s40	1s22	24s 9	0s44	10s44	0s47	2n54	1s51	40n13	17n23	2s20	2s29	19s18		n.a.

Julian Day Number = 190264.5, Delta T = 32h29m20s
Ecliptic obliquity = 24°07'07, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'49, Lahiri = -61°32'48 Julian Calendar 1 Dec. 4193 BCE == Greg. Calendar 29 Oct. 4193 BCE

The year -4192 astronomical counting style corresponds to year 4193 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

JANUARY 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 33 2	10♐17'21	1♍47	17♏ 3	9♉10	12°R15	1♓12	16♐38	4♓51	11°R18	16°R54	24°R16	23♓51	16♒39	n.a.	T 1
W 2	4 36 58	11°17'11	15°49	18°29	10°23	11♉59	1°19	16°45	4°52	11♈17	16♋52	24°D16	23°48	16°46	n.a.	W 2
T 3	4 40 55	12°16'59	29°40	19°55	11°36	11°45	1°26	16°53	4°53	11°17	16°51	24°R16	23°45	16°53	n.a.	T 3
F 4	4 44 51	13°16'45	13♎20	21°24	12°49	11°31	1°33	17° 1	4°54	11°16	16°50	24♓15	23°42	16°59	n.a.	F 4
S 5	4 48 48	14°16'30	26°49	22°53	14° 2	11°18	1°40	17° 8	4°55	11°15	16°48	24°11	23°38	17° 6	n.a.	S 5
S 6	4 52 45	15°16'12	10♏ 8	24°24	15°15	11° 5	1°47	17°16	4°56	11°15	16°47	24° 5	23°35	17°13	n.a.	S 6
M 7	4 56 41	16°15'52	23°17	25°56	16°28	10°53	1°55	17°24	4°58	11°14	16°46	23°56	23°32	17°19	n.a.	M 7
T 8	5 0 38	17°15'30	6♐14	27°29	17°41	10°43	2° 2	17°31	4°59	11°14	16°44	23°44	23°29	17°26	n.a.	T 8
W 9	5 4 34	18°15'06	18°59	29° 3	18°54	10°33	2°10	17°39	5° 0	11°13	16°43	23°30	23°26	17°33	n.a.	W 9
T 10	5 8 31	19°14'39	1♑31	0♐39	20° 7	10°23	2°18	17°47	5° 1	11°13	16°42	23°16	23°23	17°39	n.a.	T 10
F 11	5 12 27	20°14'11	13°51	2°16	21°19	10°15	2°26	17°54	5° 3	11°12	16°40	23° 3	23°19	17°46	n.a.	F 11
S 12	5 16 24	21°13'39	25°59	3°54	22°32	10° 7	2°34	18° 2	5° 4	11°12	16°39	22°52	23°16	17°53	n.a.	S 12
S 13	5 20 20	22°13'06	7♒57	5°33	23°45	10° 0	2°42	18°10	5° 6	11°12	16°37	22°43	23°13	17°59	n.a.	S 13
M14	5 24 17	23°12'30	19°48	7°13	24°57	9°54	2°51	18°17	5° 7	11°11	16°36	22°37	23°10	18° 6	n.a.	M14
T 15	5 28 13	24°11'51	1♓36	8°55	26°10	9°49	2°59	18°25	5° 9	11°11	16°34	22°34	23° 7	18°13	n.a.	T 15
W16	5 32 10	25°11'09	13°25	10°38	27°22	9°44	3° 8	18°33	5°11	11°11	16°33	22°33	23° 4	18°19	n.a.	W16
T 17	5 36 7	26°10'26	25°21	12°22	28°34	9°41	3°17	18°40	5°12	11°11	16°31	22°33	23° 0	18°26	n.a.	T 17
F 18	5 40 3	27° 9'39	7♈30	14° 8	29°47	9°38	3°26	18°48	5°14	11°11	16°30	22°33	22°57	18°33	n.a.	F 18
S 19	5 44 0	28° 8'50	19°56	15°55	0♒59	9°36	3°35	18°55	5°16	11°10	16°28	22°31	22°54	18°39	n.a.	S 19
S 20	5 47 56	29° 7'58	2♉45	17°43	2°11	9°34	3°44	19° 3	5°17	11°10	16°27	22°28	22°51	18°46	n.a.	S 20
M21	5 51 53	0♑ 7'04	16° 0	19°32	3°23	9°D34	3°53	19°10	5°19	11°10	16°25	22°22	22°48	18°53	n.a.	M21
T 22	5 55 49	1° 6'08	29°43	21°23	4°35	9°34	4° 3	19°18	5°21	11°10	16°23	22°13	22°44	18°59	n.a.	T 22
W23	5 59 46	2° 5'09	13♊52	23°15	5°47	9°35	4°12	19°26	5°23	11°D10	16°22	22° 2	22°41	19° 6	n.a.	W23
T 24	6 3 42	3° 4'08	28°24	25° 9	6°59	9°37	4°22	19°33	5°25	11°10	16°20	21°51	22°38	19°13	n.a.	T 24
F 25	6 7 39	4° 3'04	13♋12	27° 3	8°11	9°39	4°32	19°41	5°27	11°10	16°19	21°40	22°35	19°19	n.a.	F 25
S 26	6 11 35	5° 1'59	28° 7	29° 0	9°22	9°42	4°42	19°48	5°29	11°10	16°17	21°30	22°32	19°26	n.a.	S 26
S 27	6 15 32	6° 0'51	13♌ 0	0♑57	10°34	9°46	4°52	19°56	5°31	11°11	16°15	21°23	22°29	19°33	n.a.	S 27
M28	6 19 28	6°59'41	27°44	2°55	11°45	9°50	5° 2	20° 3	5°34	11°11	16°14	21°19	22°25	19°39	n.a.	M28
T 29	6 23 25	7°58'29	12♍13	4°55	12°57	9°55	5°12	20°10	5°36	11°11	16°12	21°17	22°22	19°46	n.a.	T 29
W30	6 27 22	8°57'15	26°24	6°56	14° 8	10° 1	5°22	20°18	5°38	11°11	16°10	21°D17	22°19	19°53	n.a.	W30
T 31	6 31 18	9♑55'59	10♎16	8♑58	15♒19	10♉ 7	5♓32	20♐25	5♓40	11♈11	16♋ 9	21°R18	22♓16	19♒59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22s37	12n56	1n56	18s 2	0s40	25s17	1s30	19n33	3n48	12s37	1s22	24s10	0s44	10s44	0s47	2n54	1s51	40n14	17n23	2s20	2s30	19s15			n.a.
W 2	22 46	6 26	0 45	18 34	0 47	25 10	1 29	19 28	3 48	12 34	1 21	24 10	0 44	10 43	0 47	2 54	1 51	40 15	17 24	2 20	2 32	19 12			n.a.
T 3	22 54	0s18	0s29	19 5	0 54	25 3	1 28	19 23	3 48	12 32	1 21	24 11	0 44	10 43	0 47	2 54	1 51	40 15	17 24	2 20	2 33	19 9			n.a.
F 4	23 2	6 55	1 39	19 35	1 0	24 55	1 26	19 18	3 47	12 29	1 21	24 12	0 45	10 42	0 47	2 53	1 51	40 16	17 24	2 21	2 34	19 7			n.a.
S 5	23 10	13 9	2 43	20 5	1 6	24 46	1 25	19 13	3 47	12 26	1 20	24 13	0 45	10 42	0 47	2 53	1 51	40 16	17 25	2 22	2 36	19 4			n.a.
S 6	23 17	18 41	3 37	20 34	1 12	24 36	1 24	19 9	3 46	12 23	1 20	24 14	0 45	10 41	0 47	2 53	1 50	40 17	17 25	2 25	2 37	19 1			n.a.
M 7	23 23	23 17	4 18	21 3	1 18	24 26	1 22	19 5	3 46	12 20	1 20	24 15	0 45	10 41	0 47	2 53	1 50	40 17	17 26	2 29	2 38	18 58			n.a.
T 8	23 29	26 39	4 46	21 30	1 23	24 14	1 20	19 1	3 45	12 17	1 19	24 15	0 45	10 40	0 47	2 53	1 50	40 18	17 26	2 33	2 40	18 56			n.a.
W 9	23 35	28 36	4 59	21 57	1 28	24 3	1 19	18 57	3 45	12 13	1 19	24 16	0 45	10 40	0 47	2 53	1 50	40 18	17 26	2 39	2 41	18 53			n.a.
T 10	23 40	29 3	4 56	22 23	1 33	23 50	1 17	18 53	3 44	12 10	1 19	24 17	0 45	10 39	0 47	2 53	1 50	40 19	17 26	2 45	2 42	18 50			n.a.
F 11	23 45	28 1	4 40	22 47	1 37	23 37	1 15	18 50	3 43	12 7	1 19	24 18	0 45	10 39	0 47	2 53	1 50	40 19	17 27	2 50	2 43	18 47			n.a.
S 12	23 49	25 40	4 12	23 11	1 41	23 23	1 13	18 46	3 42	12 4	1 18	24 19	0 45	10 38	0 47	2 52	1 50	40 20	17 27	2 55	2 45	18 44			n.a.
S 13	23 53	22 12	3 32	23 33	1 45	23 8	1 12	18 43	3 42	12 0	1 18	24 19	0 45	10 38	0 47	2 52	1 50	40 20	17 27	2 58	2 46	18 41			n.a.
M14	23 56	17 52	2 44	23 54	1 48	22 53	1 10	18 40	3 41	11 57	1 18	24 20	0 45	10 37	0 46	2 52	1 50	40 21	17 28	3 0	2 47	18 39			n.a.
T 15	23 59	12 53	1 48	24 14	1 51	22 37	1 8	18 38	3 40	11 53	1 17	24 21	0 45	10 36	0 46	2 52	1 50	40 21	17 28	3 2	2 49	18 36			n.a.
W16	24 1	7 26	0 48	24 32	1 53	22 21	1 5	18 36	3 39	11 50	1 17	24 22	0 46	10 36	0 46	2 52	1 50	40 22	17 28	3 2	2 50	18 33			n.a.
T 17	24 3	1 40	0n15	24 49	1 55	22 4	1 3	18 33	3 38	11 46	1 17	24 23	0 46	10 35	0 46	2 52	1 50	40 22	17 28	3 2	2 51	18 30			n.a.
F 18	24 5	4n15	1 18	25 4	1 57	21 46	1 1	18 32	3 37	11 43	1 16	24 23	0 46	10 34	0 46	2 52	1 50	40 23	17 29	3 2	2 52	18 27			n.a.
S 19	24 6	10 9	2 19	25 18	1 58	21 28	0 59	18 30	3 36	11 39	1 16	24 24	0 46	10 34	0 46	2 52	1 50	40 23	17 29	3 3	2 54	18 24			n.a.
S 20	24 7	15 49	3 15	25 30	1 58	21 9	0 56	18 29	3 35	11 35	1 16	24 25	0 46	10 33	0 46	2 52	1 49	40 24	17 29	3 4	2 55	18 22			n.a.
M21	24 7	20 57	4 3	25 39	1 58	20 49	0 54	18 27	3 34	11 32	1 16	24 26	0 46	10 32	0 46	2 52	1 49	40 24	17 29	3 7	2 56	18 19			n.a.
T 22	24 7	25 11	4 38	25 47	1 58	20 29	0 51	18 26	3 33	11 28	1 15	24 26	0 46	10 31	0 46	2 52	1 49	40 24	17 30	3 10	2 58	18 16			n.a.
W23	24 6	28 2	4 58	25 53	1 57	20 9	0 49	18 26	3 32	11 24	1 15	24 27	0 46	10 31	0 46	2 52	1 49	40 25	17 30	3 15	2 59	18 13			n.a.
T 24	24 5	29 5	4 59	25 57	1 56	19 47	0 46	18 25	3 31	11 20	1 15	24 28	0 46	10 30	0 46	2 52	1 49	40 25	17 30	3 19	3 0	18 10			n.a.
F 25	24 3	28 5	4 40	25 59	1 54	19 26	0 43	18 25	3 30	11 16	1 15	24 28	0 46	10 29	0 46	2 53	1 49	40 26	17 30	3 24	3 1	18 7			n.a.
S 26	24 1	25 4	4 2	25 58	1 51	19 4	0 40	18 25	3 29	11 12	1 14	24 29	0 46	10 28	0 46	2 53	1 49	40 26	17 30	3 28	3 3	18 4			n.a.
S 27	23 58	20 23	3 8	25 55	1 48	18 41	0 38	18 25	3 27	11 8	1 14	24 30	0 47	10 27	0 46	2 53	1 49	40 26	17 30	3 30	3 4	18 2			n.a.
M28	23 55	14 29	2 1	25 49	1 44	18 18	0 35	18 25	3 26	11 4	1 14	24 31	0 47	10 27	0 46	2 53	1 49	40 27	17 31	3 32	3 5	17 59			n.a.
T 29	23 52	7 54	0 48	25 41	1 40	17 55	0 32	18 26	3 25	11 0	1 14	24 31	0 47	10 26	0 46	2 53	1 49	40 27	17 31	3 33	3 7	17 56			n.a.
W30	23 48	1 4	0s27	25 31	1 35	17 31	0 29	18 27	3 24	10 56	1 13	24 32	0 47	10 25	0 46	2 53	1 49	40 28	17 31	3 33	3 8	17 53			n.a.
T 31	23s44	5s41	1s39	25s17	1s29	17s 6	0s26	18n28	3n23	10s52	1s13	24s33	0s47	10s24	0s46	2n53	1s49	40n28	17n31	3s33	3s 9	17s50			n.a.

Julian Day Number = 190295.5, Delta T = 32h29m16s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'44, Lahiri = -61°32'44 Julian Calendar 1 Jan. 4192 BCE == Greg. Calendar 29 Nov. 4193 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

FEBRUARY 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 35 15	10♉54'41	23♎49	11♉ 1	16♒30	10♌15	5♓43	20♐33	5♓42	11♈12	16°R 7	21°R17	22♓13	20♒ 6	n.a.	F 1
S 2	6 39 11	11°53'21	7♏ 7	13° 5	17°42	10°22	5°53	20°40	5°45	11°12	16♋ 6	21♓14	22°10	20°13	n.a.	S 2
S 3	6 43 8	12°51'59	20° 9	15° 9	18°52	10°31	6° 4	20°47	5°47	11°12	16° 4	21° 9	22° 6	20°19	n.a.	S 3
M 4	6 47 4	13°50'36	2♐59	17°14	20° 3	10°40	6°15	20°55	5°50	11°13	16° 2	21° 1	22° 3	20°26	n.a.	M 4
T 5	6 51 1	14°49'10	15°37	19°19	21°14	10°49	6°26	21° 2	5°52	11°13	16° 1	20°51	22° 0	20°33	n.a.	T 5
W 6	6 54 57	15°47'43	28° 4	21°25	22°25	10°59	6°37	21° 9	5°55	11°14	15°59	20°40	21°57	20°39	n.a.	W 6
T 7	6 58 54	16°46'13	10♑21	23°30	23°36	11°10	6°48	21°16	5°57	11°14	15°57	20°28	21°54	20°46	n.a.	T 7
F 8	7 2 50	17°44'41	22°29	25°34	24°46	11°21	6°59	21°23	6° 0	11°15	15°56	20°16	21°50	20°53	n.a.	F 8
S 9	7 6 47	18°43'07	4♒28	27°38	25°56	11°33	7°10	21°30	6° 2	11°15	15°54	20° 7	21°47	20°59	n.a.	S 9
S 10	7 10 43	19°41'31	16°21	29°40	27° 7	11°46	7°21	21°38	6° 5	11°16	15°52	19°59	21°44	21° 6	n.a.	S 10
M11	7 14 40	20°39'53	28°10	1♒41	28°17	11°59	7°33	21°45	6° 8	11°17	15°51	19°54	21°41	21°13	n.a.	M11
T 12	7 18 36	21°38'12	9♓57	3°41	29°27	12°12	7°44	21°52	6°10	11°17	15°49	19°52	21°38	21°19	n.a.	T 12
W13	7 22 33	22°36'29	21°46	5°38	0♓37	12°26	7°56	21°59	6°13	11°18	15°47	19°D51	21°35	21°26	n.a.	W13
T 14	7 26 30	23°34'44	3♈42	7°32	1°47	12°41	8° 7	22° 6	6°16	11°19	15°46	19°52	21°31	21°33	n.a.	T 14
F 15	7 30 26	24°32'57	15°49	9°24	2°57	12°56	8°19	22°12	6°19	11°19	15°44	19°53	21°28	21°39	n.a.	F 15
S 16	7 34 23	25°31'07	28°13	11°12	4° 6	13°11	8°31	22°19	6°21	11°20	15°42	19°R53	21°25	21°46	n.a.	S 16
S 17	7 38 19	26°29'15	10♌59	12°58	5°16	13°27	8°42	22°26	6°24	11°21	15°41	19°52	21°22	21°53	n.a.	S 17
M18	7 42 16	27°27'21	24°11	14°39	6°25	13°44	8°54	22°33	6°27	11°22	15°39	19°49	21°19	21°59	n.a.	M18
T 19	7 46 12	28°25'25	7♊51	16°17	7°34	14° 1	9° 6	22°40	6°30	11°23	15°37	19°44	21°16	22° 6	n.a.	T 19
W20	7 50 9	29°23'27	22° 1	17°51	8°44	14°18	9°18	22°46	6°33	11°24	15°36	19°37	21°12	22°13	n.a.	W20
T 21	7 54 5	0♒21'26	6♋37	19°21	9°53	14°36	9°30	22°53	6°36	11°25	15°34	19°30	21° 9	22°19	n.a.	T 21
F 22	7 58 2	1°19'24	21°33	20°46	11° 1	14°54	9°42	23° 0	6°39	11°26	15°33	19°22	21° 6	22°26	n.a.	F 22
S 23	8 1 58	2°17'19	6♌42	22° 7	12°10	15°13	9°55	23° 6	6°42	11°27	15°31	19°16	21° 3	22°33	n.a.	S 23
S 24	8 5 55	3°15'13	21°53	23°24	13°19	15°32	10° 7	23°13	6°45	11°28	15°29	19°12	21° 0	22°39	n.a.	S 24
M25	8 9 51	4°13'05	6♍56	24°35	14°27	15°52	10°19	23°19	6°48	11°29	15°28	19° 9	20°56	22°46	n.a.	M25
T 26	8 13 48	5°10'55	21°43	25°43	15°35	16°11	10°32	23°25	6°51	11°30	15°26	19°D 9	20°53	22°53	n.a.	T 26
W27	8 17 44	6° 8'44	6♎ 9	26°45	16°44	16°32	10°44	23°32	6°54	11°31	15°25	19° 9	20°50	22°59	n.a.	W27
T 28	8 21 41	7♒ 6'31	20♎12	27♒42	17♓52	16♌52	10♓56	23♐38	6♓57	11♈32	15♋23	19♓11	20♓47	23♒ 6	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s39	12 s 1	2 s43	25 s 2	1 s23	16 s42	0 s23	18n29	3n22	10 s48	1 s13	24 s33	0 s47	10 s23	0 s46	2n54	1 s49	40n28	17n31	3 s33	3 s10	17 s47		n.a.
S 2	23 34	17 41	3 38	24 43	1 16	16 16	0 20	18 30	3 20	10 44	1 13	24 34	0 47	10 22	0 46	2 54	1 49	40 29	17 31	3 34	3 12	17 44		n.a.
S 3	23 28	22 26	4 20	24 22	1 9	15 51	0 16	18 32	3 19	10 39	1 12	24 34	0 47	10 21	0 46	2 54	1 48	40 29	17 31	3 36	3 13	17 41		n.a.
M 4	23 22	26 3	4 48	23 59	1 1	15 25	0 13	18 34	3 18	10 35	1 12	24 35	0 47	10 20	0 46	2 54	1 48	40 29	17 31	3 39	3 14	17 38		n.a.
T 5	23 16	28 18	5 1	23 33	0 52	14 59	0 10	18 36	3 17	10 31	1 12	24 36	0 48	10 19	0 46	2 54	1 48	40 29	17 31	3 43	3 16	17 35		n.a.
W 6	23 9	29 6	5 0	23 4	0 43	14 32	0 6	18 38	3 15	10 26	1 12	24 36	0 48	10 18	0 46	2 55	1 48	40 30	17 31	3 48	3 17	17 33		n.a.
T 7	23 2	28 26	4 45	22 34	0 34	14 5	0 3	18 40	3 14	10 22	1 11	24 37	0 48	10 17	0 46	2 55	1 48	40 30	17 31	3 53	3 18	17 30		n.a.
F 8	22 54	26 24	4 17	22 1	0 24	13 38	0n 0	18 43	3 13	10 17	1 11	24 38	0 48	10 16	0 46	2 55	1 48	40 30	17 31	3 57	3 19	17 27		n.a.
S 9	22 46	23 12	3 37	21 26	0 13	13 10	0 4	18 45	3 12	10 13	1 11	24 38	0 48	10 15	0 45	2 56	1 48	40 31	17 31	4 1	3 21	17 24		n.a.
S 10	22 37	19 3	2 49	20 50	0 2	12 42	0 7	18 48	3 11	10 8	1 11	24 39	0 48	10 14	0 45	2 56	1 48	40 31	17 31	4 4	3 22	17 21		n.a.
M11	22 29	14 13	1 53	20 12	0n 9	12 14	0 11	18 51	3 9	10 4	1 10	24 39	0 48	10 13	0 45	2 56	1 48	40 31	17 31	4 6	3 23	17 18		n.a.
T 12	22 19	8 52	0 53	19 33	0 21	11 46	0 14	18 54	3 8	9 59	1 10	24 40	0 48	10 12	0 45	2 56	1 48	40 31	17 31	4 7	3 25	17 15		n.a.
W13	22 10	3 12	0n10	18 53	0 32	11 17	0 18	18 58	3 7	9 55	1 10	24 40	0 48	10 11	0 45	2 57	1 48	40 31	17 31	4 8	3 26	17 12		n.a.
T 14	21 59	2n38	1 14	18 12	0 44	10 48	0 22	19 1	3 6	9 50	1 10	24 41	0 49	10 10	0 45	2 57	1 48	40 32	17 31	4 7	3 27	17 9		n.a.
F 15	21 49	8 27	2 15	17 31	0 56	10 19	0 25	19 5	3 4	9 45	1 10	24 42	0 49	10 9	0 45	2 58	1 48	40 32	17 31	4 7	3 28	17 6		n.a.
S 16	21 38	14 6	3 11	16 50	1 7	9 50	0 29	19 8	3 3	9 41	1 9	24 42	0 49	10 8	0 45	2 58	1 48	40 32	17 31	4 7	3 30	17 3		n.a.
S 17	21 27	19 19	4 0	16 8	1 19	9 20	0 33	19 12	3 2	9 36	1 9	24 43	0 49	10 7	0 45	2 58	1 48	40 32	17 31	4 7	3 31	17 0		n.a.
M18	21 15	23 49	4 37	15 28	1 30	8 51	0 36	19 16	3 1	9 31	1 9	24 43	0 49	10 6	0 45	2 59	1 47	40 32	17 31	4 9	3 32	16 57		n.a.
T 19	21 4	27 11	5 1	14 48	1 41	8 21	0 40	19 21	3 0	9 26	1 9	24 44	0 49	10 4	0 45	2 59	1 47	40 32	17 31	4 11	3 34	16 54		n.a.
W20	20 51	28 58	5 7	14 8	1 52	7 51	0 44	19 25	2 58	9 21	1 9	24 44	0 49	10 3	0 45	3 0	1 47	40 32	17 31	4 13	3 35	16 51		n.a.
T 21	20 39	28 50	4 54	13 30	2 3	7 21	0 48	19 29	2 57	9 17	1 8	24 45	0 50	10 2	0 45	3 0	1 47	40 33	17 31	4 16	3 36	16 48		n.a.
F 22	20 26	26 37	4 20	12 53	2 12	6 51	0 51	19 34	2 56	9 12	1 8	24 45	0 50	10 1	0 45	3 0	1 47	40 33	17 31	4 19	3 37	16 45		n.a.
S 23	20 12	22 29	3 29	12 18	2 22	6 20	0 55	19 38	2 55	9 7	1 8	24 46	0 50	10 0	0 45	3 1	1 47	40 33	17 30	4 22	3 39	16 42		n.a.
S 24	19 59	16 50	2 22	11 44	2 31	5 50	0 59	19 43	2 54	9 2	1 8	24 46	0 50	9 59	0 45	3 1	1 47	40 33	17 30	4 24	3 40	16 39		n.a.
M25	19 45	10 14	1 6	11 13	2 39	5 20	1 3	19 48	2 52	8 57	1 8	24 47	0 50	9 57	0 45	3 2	1 47	40 33	17 30	4 25	3 41	16 36		n.a.
T 26	19 30	3 10	0 s14	10 43	2 46	4 49	1 7	19 52	2 51	8 52	1 7	24 47	0 50	9 56	0 45	3 2	1 47	40 33	17 30	4 25	3 43	16 33		n.a.
W27	19 16	3 s54	1 31	10 15	2 53	4 18	1 11	19 57	2 50	8 47	1 7	24 48	0 50	9 55	0 45	3 3	1 47	40 33	17 30	4 25	3 44	16 30		n.a.
T 28	19 s 1	10 s34	2 s40	9 s49	2n59	3 s48	1n14	20n 2	2n49	8 s42	1 s 7	24 s48	0 s50	9 s54	0 s45	3n 3	1 s47	40n33	17n30	4 s24	3 s45	16 s27		n.a.

Julian Day Number = 190326.5, Delta T = 32h29m13s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'40, Lahiri = -61°32'40 Julian Calendar 1 Feb. 4192 BCE == Greg. Calendar 30 Dec. 4193 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

MARCH 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 25 38	8♒ 4'17	3♏50	28♒35	18♓59	17♉13	11♓ 9	23♐44	7♓ 0	11♈33	15°R22	19°R12	20♓44	23♒13	n.a.	F 1
S 2	8 29 34	9° 2'01	17° 7	29°23	20° 7	17°35	11°22	23°51	7° 4	11°34	15♋20	19♓11	20°41	23°19	n.a.	S 2
S 3	8 33 31	9°59'44	0♐ 4	0♓ 5	21°15	17°56	11°34	23°57	7° 7	11°36	15°19	19°10	20°37	23°26	n.a.	S 3
M 4	8 37 27	10°57'26	12°43	0°43	22°22	18°18	11°47	24° 3	7°10	11°37	15°17	19° 6	20°34	23°33	n.a.	M 4
T 5	8 41 24	11°55'07	25° 9	1°15	23°29	18°41	12° 0	24° 9	7°13	11°38	15°16	19° 1	20°31	23°39	n.a.	T 5
W 6	8 45 20	12°52'46	7♑23	1°42	24°36	19° 3	12°13	24°15	7°17	11°39	15°14	18°55	20°28	23°46	n.a.	W 6
T 7	8 49 17	13°50'23	19°28	2° 5	25°43	19°26	12°25	24°21	7°20	11°41	15°13	18°49	20°25	23°53	n.a.	T 7
F 8	8 53 13	14°48'00	1♒25	2°21	26°50	19°50	12°38	24°26	7°23	11°42	15°12	18°43	20°22	23°59	n.a.	F 8
S 9	8 57 10	15°45'34	13°17	2°33	27°57	20°13	12°51	24°32	7°26	11°44	15°10	18°37	20°18	24° 6	n.a.	S 9
S 10	9 1 6	16°43'07	25° 6	2°40	29° 3	20°37	13° 4	24°38	7°30	11°45	15° 9	18°34	20°15	24°13	n.a.	S 10
M11	9 5 3	17°40'39	6♓53	2°R42	0♈ 9	21° 2	13°17	24°44	7°33	11°46	15° 8	18°31	20°12	24°19	n.a.	M11
T 12	9 9 0	18°38'09	18°42	2°39	1°15	21°26	13°30	24°49	7°36	11°48	15° 6	18°D31	20° 9	24°26	n.a.	T 12
W13	9 12 56	19°35'38	0♈34	2°31	2°21	21°51	13°43	24°55	7°40	11°49	15° 5	18°31	20° 6	24°33	n.a.	W13
T 14	9 16 53	20°33'05	12°33	2°18	3°27	22°17	13°57	25° 0	7°43	11°51	15° 4	18°33	20° 2	24°39	n.a.	T 14
F 15	9 20 49	21°30'30	24°44	2° 2	4°32	22°42	14°10	25° 6	7°47	11°52	15° 2	18°34	19°59	24°46	n.a.	F 15
S 16	9 24 46	22°27'54	7♉ 9	1°41	5°37	23° 8	14°23	25°11	7°50	11°54	15° 1	18°36	19°56	24°53	n.a.	S 16
S 17	9 28 42	23°25'17	19°54	1°18	6°42	23°34	14°36	25°16	7°53	11°56	15° 0	18°R37	19°53	24°59	n.a.	S 17
M18	9 32 39	24°22'38	3♊ 2	0°51	7°47	24° 0	14°49	25°21	7°57	11°57	14°59	18°36	19°50	25° 6	n.a.	M18
T 19	9 36 35	25°19'57	16°35	0°21	8°52	24°27	15° 3	25°26	8° 0	11°59	14°58	18°35	19°47	25°13	n.a.	T 19
W20	9 40 32	26°17'15	0♋37	29♒49	9°56	24°53	15°16	25°31	8° 4	12° 1	14°56	18°33	19°43	25°19	n.a.	W20
T 21	9 44 28	27°14'32	15° 4	29°16	11° 0	25°20	15°29	25°36	8° 7	12° 2	14°55	18°30	19°40	25°26	n.a.	T 21
F 22	9 48 25	28°11'47	29°55	28°42	12° 4	25°48	15°43	25°41	8°11	12° 4	14°54	18°28	19°37	25°33	n.a.	F 22
S 23	9 52 22	29° 9'01	15♌ 1	28° 7	13° 7	26°15	15°56	25°46	8°14	12° 6	14°53	18°26	19°34	25°39	n.a.	S 23
S 24	9 56 18	0♓ 6'14	0♍14	27°33	14°11	26°43	16°10	25°51	8°18	12° 7	14°52	18°24	19°31	25°46	n.a.	S 24
M25	10 0 15	1° 3'26	15°24	26°59	15°14	27°11	16°23	25°55	8°21	12° 9	14°51	18°D23	19°28	25°53	n.a.	M25
T 26	10 4 11	2° 0'36	0♎23	26°27	16°17	27°39	16°37	26° 0	8°24	12°11	14°50	18°24	19°24	25°59	n.a.	T 26
W27	10 8 8	2°57'46	15° 2	25°57	17°19	28° 8	16°50	26° 5	8°28	12°13	14°49	18°24	19°21	26° 6	n.a.	W27
T 28	10 12 4	3°54'56	29°17	25°30	18°21	28°36	17° 4	26° 9	8°31	12°15	14°48	18°26	19°18	26°13	n.a.	T 28
F 29	10 16 1	4°52'04	13♏ 5	25° 5	19°23	29° 5	17°17	26°13	8°35	12°16	14°47	18°27	19°15	26°19	n.a.	F 29
S 30	10 19 57	5°49'13	26°28	24°43	20°25	29°34	17°31	26°18	8°38	12°18	14°46	18°27	19°12	26°26	n.a.	S 30
S 31	10 23 54	6♓46'20	9♐26	24♒25	21♈26	0♊ 4	17♓44	26♐22	8♓42	12♈20	14♋45	18°R27	19♓ 8	26♒33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s46	16s34	3s38	9s26	3n 4	3s17	1n18	20n 8	2n48	8s37	1s 7	24s48	0s51	9s53	0s45	3n 4	1s47	40n33	17n29	4s24	3s46	16s24		n.a.
S 2	18 30	21 37	4 23	9 5	3 8	2 46	1 22	20 13	2 47	8 32	1 7	24 49	0 51	9 51	0 45	3 4	1 47	40 33	17 29	4 24	3 48	16 21		n.a.
S 3	18 14	25 30	4 53	8 47	3 11	2 15	1 26	20 18	2 45	8 27	1 6	24 49	0 51	9 50	0 45	3 5	1 47	40 33	17 29	4 24	3 49	16 18		n.a.
M 4	17 58	28 4	5 8	8 32	3 13	1 45	1 30	20 23	2 44	8 21	1 6	24 50	0 51	9 49	0 45	3 6	1 47	40 33	17 29	4 26	3 50	16 15		n.a.
T 5	17 42	29 10	5 9	8 19	3 14	1 14	1 33	20 29	2 43	8 16	1 6	24 50	0 51	9 48	0 45	3 6	1 46	40 33	17 29	4 28	3 52	16 12		n.a.
W 6	17 25	28 48	4 55	8 9	3 15	0 43	1 37	20 34	2 42	8 11	1 6	24 51	0 51	9 46	0 45	3 7	1 46	40 33	17 28	4 30	3 53	16 9		n.a.
T 7	17 8	27 4	4 27	8 2	3 14	0 13	1 41	20 40	2 41	8 6	1 6	24 51	0 51	9 45	0 45	3 7	1 46	40 33	17 28	4 33	3 54	16 6		n.a.
F 8	16 51	24 7	3 49	7 57	3 12	0n18	1 45	20 45	2 40	8 1	1 6	24 51	0 52	9 44	0 45	3 8	1 46	40 33	17 28	4 35	3 55	16 3		n.a.
S 9	16 34	20 11	3 1	7 56	3 9	0 49	1 48	20 51	2 39	7 55	1 6	24 52	0 52	9 43	0 45	3 9	1 46	40 33	17 28	4 37	3 57	16 0		n.a.
S 10	16 16	15 28	2 5	7 58	3 4	1 19	1 52	20 56	2 38	7 50	1 5	24 52	0 52	9 41	0 45	3 9	1 46	40 33	17 27	4 39	3 58	15 57		n.a.
M11	15 58	10 12	1 3	8 2	2 59	1 49	1 56	21 2	2 36	7 45	1 5	24 53	0 52	9 40	0 45	3 10	1 46	40 33	17 27	4 40	3 59	15 54		n.a.
T 12	15 40	4 35	0n 1	8 10	2 52	2 20	1 59	21 8	2 35	7 40	1 5	24 53	0 52	9 39	0 45	3 10	1 46	40 33	17 27	4 40	4 1	15 51		n.a.
W13	15 21	1n14	1 6	8 20	2 44	2 50	2 3	21 13	2 34	7 34	1 5	24 53	0 52	9 37	0 45	3 11	1 46	40 32	17 27	4 40	4 2	15 48		n.a.
T 14	15 3	7 3	2 8	8 33	2 35	3 20	2 7	21 19	2 33	7 29	1 5	24 54	0 53	9 36	0 45	3 12	1 46	40 32	17 26	4 39	4 3	15 45		n.a.
F 15	14 44	12 43	3 6	8 48	2 25	3 50	2 10	21 25	2 32	7 24	1 5	24 54	0 53	9 35	0 45	3 12	1 46	40 32	17 26	4 39	4 4	15 42		n.a.
S 16	14 25	17 59	3 56	9 6	2 13	4 20	2 14	21 31	2 31	7 18	1 4	24 55	0 53	9 33	0 45	3 13	1 46	40 32	17 26	4 38	4 6	15 39		n.a.
S 17	14 6	22 38	4 36	9 27	2 1	4 49	2 17	21 36	2 30	7 13	1 4	24 55	0 53	9 32	0 45	3 14	1 46	40 32	17 25	4 38	4 7	15 36		n.a.
M18	13 46	26 18	5 3	9 49	1 48	5 19	2 20	21 42	2 29	7 7	1 4	24 55	0 53	9 31	0 45	3 14	1 46	40 32	17 25	4 38	4 8	15 33		n.a.
T 19	13 26	28 38	5 15	10 13	1 33	5 48	2 24	21 48	2 28	7 2	1 4	24 56	0 53	9 29	0 45	3 15	1 46	40 31	17 25	4 38	4 10	15 30		n.a.
W20	13 6	29 15	5 8	10 38	1 18	6 17	2 27	21 54	2 27	6 57	1 4	24 56	0 54	9 28	0 45	3 16	1 46	40 31	17 24	4 39	4 11	15 27		n.a.
T 21	12 46	27 54	4 42	11 5	1 3	6 46	2 30	21 59	2 26	6 51	1 4	24 56	0 54	9 27	0 45	3 17	1 46	40 31	17 24	4 40	4 12	15 23		n.a.
F 22	12 26	24 35	3 56	11 32	0 47	7 15	2 33	22 5	2 25	6 46	1 4	24 57	0 54	9 25	0 45	3 17	1 46	40 31	17 24	4 41	4 13	15 20		n.a.
S 23	12 6	19 33	2 54	11 59	0 30	7 43	2 37	22 11	2 24	6 40	1 4	24 57	0 54	9 24	0 45	3 18	1 45	40 31	17 23	4 42	4 15	15 17		n.a.
S 24	11 45	13 14	1 39	12 27	0 14	8 11	2 40	22 17	2 22	6 35	1 3	24 57	0 54	9 23	0 45	3 19	1 45	40 30	17 23	4 43	4 16	15 14		n.a.
M25	11 24	6 10	0 16	12 54	0s 3	8 39	2 43	22 22	2 21	6 29	1 3	24 58	0 54	9 21	0 45	3 20	1 45	40 30	17 22	4 43	4 17	15 11		n.a.
T 26	11 3	1s 9	1s 6	13 21	0 19	9 7	2 46	22 28	2 20	6 24	1 3	24 58	0 55	9 20	0 45	3 20	1 45	40 30	17 22	4 43	4 19	15 8		n.a.
W27	10 42	8 15	2 22	13 47	0 35	9 34	2 48	22 34	2 19	6 18	1 3	24 58	0 55	9 19	0 45	3 21	1 45	40 30	17 22	4 43	4 20	15 5		n.a.
T 28	10 21	14 45	3 27	14 11	0 51	10 1	2 51	22 40	2 18	6 13	1 3	24 59	0 55	9 17	0 44	3 22	1 45	40 29	17 21	4 42	4 21	15 2		n.a.
F 29	10 0	20 18	4 18	14 34	1 6	10 28	2 54	22 45	2 17	6 7	1 3	24 59	0 55	9 16	0 44	3 23	1 45	40 29	17 21	4 42	4 22	14 59		n.a.
S 30	9 38	24 40	4 54	14 55	1 21	10 54	2 57	22 51	2 16	6 2	1 3	24 59	0 55	9 15	0 44	3 23	1 45	40 29	17 20	4 41	4 24	14 56		n.a.
S 31	9s16	27s38	5s13	15s15	1s35	11n20	2n59	22n56	2n15	5s56	1s 3	24s59	0s55	9s13	0s44	3n24	1s45	40n28	17n20	4s41	4s25	14s53		n.a.

Julian Day Number = 190354.5, Delta T = 32h29m10s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'37, Lahiri = -61°32'36 Julian Calendar 1 March 4192 BCE == Greg. Calendar 27 Jan. 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

APRIL 4192 BCE (-4191) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 27 51	7♓43'27	22♐ 4	24°R11	22♈27	0♊33	17♓58	26♐26	8♓45	12♈22	14°R44	18°R27	19♓ 5	26♒39	n.a.	M 1
T 2	10 31 47	8°40'34	4♑25	24♒ 1	23°28	1° 3	18°11	26°30	8°49	12°24	14♋44	18♓26	19° 2	26°46	n.a.	T 2
W 3	10 35 44	9°37'40	16°32	23°55	24°28	1°33	18°25	26°34	8°53	12°26	14°43	18°25	18°59	26°52	n.a.	W 3
T 4	10 39 40	10°34'46	28°30	23°D54	25°28	2° 3	18°39	26°38	8°56	12°28	14°42	18°24	18°56	26°59	n.a.	T 4
F 5	10 43 37	11°31'51	10♒21	23°57	26°28	2°33	18°52	26°41	9° 0	12°30	14°41	18°23	18°53	27° 6	n.a.	F 5
S 6	10 47 33	12°28'55	22° 9	24° 5	27°27	3° 3	19° 6	26°45	9° 3	12°32	14°41	18°22	18°49	27°12	n.a.	S 6
S 7	10 51 30	13°25'59	3♓57	24°17	28°26	3°34	19°20	26°49	9° 7	12°34	14°40	18°22	18°46	27°19	n.a.	S 7
M 8	10 55 27	14°23'03	15°46	24°34	29°25	4° 5	19°33	26°52	9°10	12°36	14°39	18°D22	18°43	27°26	n.a.	M 8
T 9	10 59 23	15°20'06	27°40	24°55	0♉23	4°36	19°47	26°55	9°14	12°38	14°39	18°22	18°40	27°32	n.a.	T 9
W10	11 3 20	16°17'08	9♈40	25°21	1°21	5° 7	20° 1	26°59	9°17	12°40	14°38	18°22	18°37	27°39	n.a.	W10
T 11	11 7 16	17°14'10	21°48	25°51	2°18	5°39	20°14	27° 2	9°20	12°42	14°38	18°22	18°33	27°46	n.a.	T 11
F 12	11 11 13	18°11'12	4♉ 8	26°25	3°15	6°10	20°28	27° 5	9°24	12°44	14°37	18°R22	18°30	27°52	n.a.	F 12
S 13	11 15 9	19° 8'12	16°41	27° 4	4°11	6°42	20°42	27° 8	9°27	12°46	14°37	18°22	18°27	27°59	n.a.	S 13
S 14	11 19 6	20° 5'13	29°31	27°47	5° 7	7°14	20°55	27°11	9°31	12°48	14°36	18°22	18°24	28° 6	n.a.	S 14
M15	11 23 2	21° 2'12	12♊39	28°34	6° 3	7°46	21° 9	27°14	9°34	12°50	14°36	18°22	18°21	28°12	n.a.	M15
T 16	11 26 59	21°59'12	26° 9	29°24	6°58	8°18	21°23	27°17	9°38	12°52	14°35	18°D22	18°18	28°19	n.a.	T 16
W17	11 30 56	22°56'10	10♋ 1	0♓19	7°52	8°51	21°37	27°19	9°41	12°54	14°35	18°22	18°14	28°26	n.a.	W17
T 18	11 34 52	23°53'09	24°15	1°18	8°46	9°23	21°50	27°22	9°45	12°56	14°35	18°22	18°11	28°32	n.a.	T 18
F 19	11 38 49	24°50'06	8♌50	2°20	9°40	9°56	22° 4	27°24	9°48	12°59	14°34	18°23	18° 8	28°39	n.a.	F 19
S 20	11 42 45	25°47'04	23°40	3°27	10°33	10°29	22°18	27°27	9°52	13° 1	14°34	18°23	18° 5	28°46	n.a.	S 20
S 21	11 46 42	26°44'01	8♍41	4°37	11°25	11° 2	22°31	27°29	9°55	13° 3	14°34	18°24	18° 2	28°52	n.a.	S 21
M22	11 50 38	27°40'57	23°43	5°50	12°16	11°35	22°45	27°31	9°58	13° 5	14°34	18°R24	17°59	28°59	n.a.	M22
T 23	11 54 35	28°37'54	8♎39	7° 7	13° 7	12° 9	22°59	27°33	10° 2	13° 7	14°34	18°23	17°55	29° 6	n.a.	T 23
W24	11 58 32	29°34'51	23°21	8°28	13°57	12°42	23°12	27°35	10° 5	13° 9	14°33	18°22	17°52	29°12	n.a.	W24
T 25	12 2 28	0♈31'48	7♏41	9°52	14°47	13°16	23°26	27°37	10° 8	13°12	14°33	18°21	17°49	29°19	n.a.	T 25
F 26	12 6 25	1°28'45	21°37	11°20	15°36	13°49	23°39	27°39	10°12	13°14	14°33	18°20	17°46	29°26	n.a.	F 26
S 27	12 10 21	2°25'43	5♐ 6	12°51	16°24	14°23	23°53	27°41	10°15	13°16	14°33	18°18	17°43	29°32	n.a.	S 27
S 28	12 14 18	3°22'41	18°10	14°25	17°11	14°57	24° 7	27°42	10°18	13°18	14°D33	18°17	17°39	29°39	n.a.	S 28
M29	12 18 15	4°19'40	0♑50	16° 2	17°58	15°31	24°20	27°44	10°22	13°20	14°33	18°D16	17°36	29°46	n.a.	M29
T 30	12 22 11	5♈16'39	13♑11	17♓43	18♉44	16♊ 6	24♓34	27♐45	10♓25	13♈23	14♋33	18♓17	17♓33	29♒52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s55	29s 8	5s16	15s32	1s48	11n46	3n 1	23n 2	2n14	5s50	1s 2	25s 0	0s56	9s12	0s44	3n25	1s45	40n28	17n20	4s42	4s26	14s49		n.a.
T 2	8 33	29 7	5 4	15 47	2 0	12 12	3 4	23 7	2 13	5 45	1 2	25 0	0 56	9 11	0 44	3 26	1 45	40 28	17 19	4 42	4 27	14 46		n.a.
W 3	8 11	27 41	4 39	15 59	2 12	12 37	3 6	23 13	2 12	5 39	1 2	25 0	0 56	9 9	0 44	3 27	1 45	40 28	17 19	4 42	4 29	14 43		n.a.
T 4	7 48	25 0	4 3	16 9	2 22	13 2	3 8	23 18	2 11	5 34	1 2	25 1	0 56	9 8	0 44	3 27	1 45	40 27	17 18	4 43	4 30	14 40		n.a.
F 5	7 26	21 16	3 16	16 17	2 31	13 26	3 10	23 23	2 10	5 28	1 2	25 1	0 56	9 6	0 44	3 28	1 45	40 27	17 18	4 43	4 31	14 37		n.a.
S 6	7 4	16 43	2 20	16 22	2 40	13 50	3 12	23 28	2 9	5 23	1 2	25 1	0 56	9 5	0 44	3 29	1 45	40 26	17 17	4 43	4 33	14 34		n.a.
S 7	6 41	11 34	1 19	16 25	2 47	14 14	3 14	23 34	2 8	5 17	1 2	25 1	0 57	9 4	0 44	3 30	1 45	40 26	17 17	4 44	4 34	14 31		n.a.
M 8	6 19	5 59	0 14	16 25	2 53	14 37	3 16	23 39	2 7	5 11	1 2	25 2	0 57	9 2	0 44	3 31	1 45	40 26	17 16	4 44	4 35	14 28		n.a.
T 9	5 56	0 10	0n51	16 23	2 59	15 0	3 17	23 44	2 6	5 6	1 2	25 2	0 57	9 1	0 44	3 32	1 45	40 25	17 16	4 44	4 36	14 24		n.a.
W10	5 34	5n42	1 56	16 18	3 3	15 22	3 19	23 49	2 5	5 0	1 2	25 2	0 57	9 0	0 44	3 32	1 45	40 25	17 15	4 44	4 38	14 21		n.a.
T 11	5 11	11 26	2 55	16 10	3 6	15 44	3 20	23 54	2 4	4 55	1 1	25 2	0 57	8 58	0 44	3 33	1 45	40 25	17 15	4 44	4 39	14 18		n.a.
F 12	4 48	16 49	3 48	16 1	3 9	16 5	3 22	23 58	2 3	4 49	1 1	25 3	0 58	8 57	0 44	3 34	1 45	40 24	17 14	4 44	4 40	14 15		n.a.
S 13	4 25	21 36	4 30	15 48	3 10	16 26	3 23	24 3	2 2	4 43	1 1	25 3	0 58	8 56	0 44	3 35	1 45	40 24	17 14	4 44	4 42	14 12		n.a.
S 14	4 2	25 30	5 0	15 34	3 11	16 47	3 24	24 8	2 1	4 38	1 1	25 3	0 58	8 54	0 44	3 36	1 45	40 23	17 13	4 44	4 43	14 9		n.a.
M15	3 39	28 10	5 16	15 16	3 11	17 7	3 24	24 12	2 0	4 32	1 1	25 3	0 58	8 53	0 44	3 37	1 45	40 23	17 13	4 44	4 44	14 6		n.a.
T 16	3 16	29 18	5 14	14 57	3 10	17 26	3 25	24 17	1 59	4 26	1 1	25 4	0 58	8 52	0 44	3 38	1 45	40 22	17 12	4 44	4 45	14 2		n.a.
W17	2 53	28 38	4 55	14 35	3 8	17 45	3 26	24 21	1 59	4 21	1 1	25 4	0 59	8 50	0 44	3 38	1 45	40 22	17 12	4 44	4 47	13 59		n.a.
T 18	2 30	26 5	4 17	14 11	3 5	18 4	3 26	24 25	1 58	4 15	1 1	25 4	0 59	8 49	0 44	3 39	1 44	40 22	17 11	4 43	4 48	13 56		n.a.
F 19	2 6	21 48	3 22	13 45	3 1	18 22	3 26	24 29	1 57	4 10	1 1	25 4	0 59	8 48	0 44	3 40	1 44	40 21	17 11	4 43	4 49	13 53		n.a.
S 20	1 43	16 5	2 13	13 16	2 57	18 39	3 26	24 34	1 56	4 4	1 1	25 5	0 59	8 46	0 44	3 41	1 44	40 21	17 10	4 43	4 50	13 50		n.a.
S 21	1 20	9 22	0 54	12 45	2 52	18 56	3 26	24 37	1 55	3 58	1 1	25 5	0 59	8 45	0 44	3 42	1 44	40 20	17 10	4 43	4 52	13 47		n.a.
M22	0 57	2 7	0s30	12 12	2 47	19 13	3 26	24 41	1 54	3 53	1 1	25 5	1 0	8 44	0 44	3 43	1 44	40 20	17 9	4 43	4 53	13 43		n.a.
T 23	0 34	5s12	1 50	11 37	2 40	19 28	3 26	24 45	1 53	3 47	1 0	25 5	1 0	8 42	0 44	3 44	1 44	40 19	17 9	4 43	4 54	13 40		n.a.
W24	0 10	12 7	3 2	10 59	2 33	19 44	3 25	24 49	1 52	3 41	1 0	25 6	1 0	8 41	0 45	3 45	1 44	40 19	17 8	4 43	4 56	13 37		n.a.
T 25	0n13	18 14	4 0	10 20	2 26	19 58	3 24	24 52	1 51	3 36	1 0	25 6	1 0	8 40	0 45	3 45	1 44	40 18	17 8	4 44	4 57	13 34		n.a.
F 26	0 36	23 13	4 43	9 38	2 18	20 12	3 23	24 56	1 50	3 30	1 0	25 6	1 0	8 39	0 45	3 46	1 44	40 18	17 7	4 45	4 58	13 31		n.a.
S 27	1 0	26 48	5 8	8 54	2 9	20 26	3 22	24 59	1 49	3 25	1 0	25 6	1 1	8 37	0 45	3 47	1 44	40 17	17 7	4 45	4 59	13 27		n.a.
S 28	1 23	28 49	5 16	8 8	2 0	20 38	3 21	25 2	1 48	3 19	1 0	25 7	1 1	8 36	0 45	3 48	1 44	40 17	17 6	4 46	5 1	13 24		n.a.
M29	1 46	29 16	5 9	7 21	1 51	20 51	3 19	25 5	1 47	3 14	1 0	25 7	1 1	8 35	0 45	3 49	1 44	40 16	17 6	4 46	5 2	13 21		n.a.
T 30	2n 9	28s12	4s47	6s31	1s41	21n 2	3n17	25n 8	1n46	3s 8	1s 0	25s 7	1s 1	8s33	0s45	3n50	1s44	40n16	17n 5	4s46	5s 3	13s18		n.a.

Julian Day Number = 190385.5, Delta T = 32h29m07s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'32, Lahiri = -61°32'32 Julian Calendar 1 Apr. 4192 BCE == Greg. Calendar 27 Feb. 4192 BCE

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

MAY 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 26 8	6♈13'39	25♉16	19♓27	19♉29	16♊40	24♓47	27♐46	10♓28	13♈25	14♋33	18♓17	17♓30	29♒59	n.a.	W 1
T 2	12 30 4	7°10'39	7♒11	21°14	20°13	17°15	25° 1	27°47	10°31	13°27	14°34	18°19	17°27	0♓ 5	n.a.	T 2
F 3	12 34 1	8° 7'40	19° 1	23° 4	20°56	17°50	25°14	27°49	10°35	13°29	14°34	18°20	17°24	0°12	n.a.	F 3
S 4	12 37 57	9° 4'41	0♓48	24°57	21°38	18°24	25°28	27°49	10°38	13°31	14°34	18°22	17°20	0°19	n.a.	S 4
S 5	12 41 54	10° 1'43	12°37	26°53	22°19	18°59	25°41	27°50	10°41	13°34	14°34	18°R22	17°17	0°25	n.a.	S 5
M 6	12 45 51	10°58'45	24°32	28°51	23° 0	19°35	25°55	27°51	10°44	13°36	14°34	18°22	17°14	0°32	n.a.	M 6
T 7	12 49 47	11°55'48	6♈34	0♈51	23°39	20°10	26° 8	27°52	10°47	13°38	14°35	18°21	17°11	0°39	n.a.	T 7
W 8	12 53 44	12°52'51	18°46	2°53	24°17	20°45	26°22	27°52	10°50	13°40	14°35	18°19	17° 8	0°45	n.a.	W 8
T 9	12 57 40	13°49'55	1♉ 9	4°57	24°54	21°21	26°35	27°53	10°53	13°43	14°35	18°16	17° 4	0°52	n.a.	T 9
F 10	13 1 37	14°47'00	13°45	7° 2	25°29	21°56	26°48	27°53	10°56	13°45	14°36	18°12	17° 1	0°59	n.a.	F 10
S 11	13 5 33	15°44'05	26°34	9° 9	26° 4	22°32	27° 2	27°53	10°59	13°47	14°36	18° 7	16°58	1° 5	n.a.	S 11
S 12	13 9 30	16°41'10	9♊37	11°16	26°37	23° 8	27°15	27°53	11° 3	13°49	14°37	18° 3	16°55	1°12	n.a.	S 12
M13	13 13 27	17°38'16	22°54	13°24	27° 9	23°44	27°28	27°R53	11° 5	13°52	14°37	18° 0	16°52	1°19	n.a.	M13
T 14	13 17 23	18°35'23	6♋27	15°32	27°39	24°20	27°41	27°53	11° 8	13°54	14°38	17°58	16°49	1°25	n.a.	T 14
W15	13 21 20	19°32'30	20°15	17°40	28° 8	24°56	27°55	27°53	11°11	13°56	14°38	17°D58	16°45	1°32	n.a.	W15
T 16	13 25 16	20°29'37	4♌19	19°48	28°36	25°33	28° 8	27°53	11°14	13°58	14°39	17°58	16°42	1°39	n.a.	T 16
F 17	13 29 13	21°26'45	18°36	21°56	29° 2	26° 9	28°21	27°53	11°17	14° 0	14°39	18° 0	16°39	1°45	n.a.	F 17
S 18	13 33 9	22°23'54	3♍ 7	24° 2	29°26	26°46	28°34	27°52	11°20	14° 3	14°40	18° 1	16°36	1°52	n.a.	S 18
S 19	13 37 6	23°21'02	17°45	26° 8	29°49	27°23	28°47	27°51	11°23	14° 5	14°41	18°R 2	16°33	1°59	n.a.	S 19
M20	13 41 3	24°18'12	2♎28	28°13	0♊ 9	27°59	29° 0	27°51	11°26	14° 7	14°42	18° 1	16°30	2° 5	n.a.	M20
T 21	13 44 59	25°15'23	17° 8	0♉16	0°28	28°36	29°13	27°50	11°28	14° 9	14°42	17°59	16°26	2°12	n.a.	T 21
W22	13 48 56	26°12'34	1♏38	2°19	0°46	29°13	29°26	27°49	11°31	14°11	14°43	17°54	16°23	2°19	n.a.	W22
T 23	13 52 52	27° 9'47	15°53	4°20	1° 1	29°50	29°38	27°48	11°34	14°14	14°44	17°49	16°20	2°25	n.a.	T 23
F 24	13 56 49	28° 7'01	29°46	6°19	1°14	0♋28	29°51	27°47	11°36	14°16	14°45	17°43	16°17	2°32	n.a.	F 24
S 25	14 0 46	29° 4'16	13♐16	8°17	1°26	1° 5	0♈ 4	27°46	11°39	14°18	14°46	17°36	16°14	2°38	n.a.	S 25
S 26	14 4 42	0♉ 1'32	26°22	10°13	1°35	1°42	0°17	27°44	11°42	14°20	14°47	17°31	16°10	2°45	n.a.	S 26
M27	14 8 39	0°58'50	9♑ 4	12° 8	1°42	2°20	0°29	27°43	11°44	14°22	14°48	17°27	16° 7	2°52	n.a.	M27
T 28	14 12 35	1°56'09	21°26	14° 2	1°47	2°58	0°42	27°41	11°47	14°25	14°49	17°25	16° 4	2°58	n.a.	T 28
W29	14 16 32	2°53'30	3♒32	15°53	1°50	3°36	0°55	27°40	11°49	14°27	14°50	17°D24	16° 1	3° 5	n.a.	W29
T 30	14 20 28	3°50'52	15°27	17°43	1°R50	4°13	1° 7	27°38	11°52	14°29	14°51	17°25	15°58	3°12	n.a.	T 30
F 31	14 24 25	4♉48'16	27♒17	19♉32	1♊48	4♋51	1♈20	27♐36	11♓54	14♈31	14♋52	17♓26	15♓55	3♓18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2n32	25s49	4s13	5s40	1s30	21n13	3n15	25n11	1n45	3s 2	1s 0	25s 7	1s 1	8s32	0s45	3n51	1s44	40n15	17n 5	4s45	5s 4	13s15		n.a.
T 2	2 56	22 21	3 28	4 47	1 20	21 23	3 13	25 13	1 44	2 57	1 0	25 8	1 2	8 31	0 45	3 52	1 44	40 14	17 4	4 45	5 6	13 11		n.a.
F 3	3 19	18 0	2 35	3 52	1 9	21 33	3 10	25 16	1 43	2 51	1 0	25 8	1 2	8 30	0 45	3 53	1 44	40 14	17 4	4 44	5 7	13 8		n.a.
S 4	3 42	12 59	1 35	2 56	0 58	21 42	3 8	25 18	1 43	2 46	1 0	25 8	1 2	8 28	0 45	3 53	1 44	40 13	17 3	4 44	5 8	13 5		n.a.
S 5	4 5	7 30	0 32	1 59	0 47	21 50	3 5	25 20	1 42	2 40	1 0	25 8	1 2	8 27	0 45	3 54	1 44	40 13	17 3	4 43	5 10	13 2		n.a.
M 6	4 28	1 43	0n34	1 1	0 35	21 58	3 1	25 22	1 41	2 35	1 0	25 8	1 2	8 26	0 45	3 55	1 44	40 12	17 2	4 43	5 11	12 59		n.a.
T 7	4 51	4n11	1 38	0 1	0 24	22 5	2 58	25 24	1 40	2 29	1 0	25 9	1 3	8 25	0 45	3 56	1 44	40 12	17 2	4 44	5 12	12 55		n.a.
W 8	5 14	10 0	2 39	0n59	0 13	22 11	2 54	25 26	1 39	2 24	1 0	25 9	1 3	8 24	0 45	3 57	1 44	40 11	17 1	4 45	5 13	12 52		n.a.
T 9	5 36	15 31	3 34	1 59	0 2	22 16	2 50	25 27	1 38	2 18	1 0	25 9	1 3	8 22	0 45	3 58	1 44	40 11	17 0	4 46	5 15	12 49		n.a.
F 10	5 59	20 30	4 18	3 0	0n 9	22 21	2 46	25 29	1 37	2 13	1 0	25 9	1 3	8 21	0 45	3 59	1 44	40 10	17 0	4 48	5 16	12 46		n.a.
S 11	6 22	24 39	4 51	4 1	0 19	22 25	2 41	25 30	1 36	2 7	1 0	25 9	1 3	8 20	0 45	4 0	1 44	40 9	16 59	4 49	5 17	12 42		n.a.
S 12	6 44	27 37	5 9	5 2	0 29	22 29	2 36	25 31	1 35	2 2	0 59	25 10	1 4	8 19	0 45	4 1	1 44	40 9	16 59	4 51	5 18	12 39		n.a.
M13	7 7	29 7	5 12	6 2	0 39	22 31	2 31	25 32	1 34	1 56	0 59	25 10	1 4	8 18	0 45	4 2	1 44	40 8	16 58	4 52	5 20	12 36		n.a.
T 14	7 29	28 54	4 57	7 1	0 48	22 33	2 26	25 33	1 33	1 51	0 59	25 10	1 4	8 17	0 45	4 2	1 44	40 8	16 58	4 53	5 21	12 33		n.a.
W15	7 51	26 54	4 25	8 0	0 57	22 34	2 20	25 34	1 32	1 45	0 59	25 10	1 4	8 15	0 45	4 3	1 44	40 7	16 57	4 53	5 22	12 30		n.a.
T 16	8 13	23 13	3 36	8 58	1 5	22 35	2 14	25 34	1 32	1 40	0 59	25 10	1 4	8 14	0 45	4 4	1 44	40 6	16 57	4 53	5 24	12 26		n.a.
F 17	8 35	18 6	2 34	9 54	1 13	22 34	2 7	25 34	1 31	1 35	0 59	25 11	1 5	8 13	0 45	4 5	1 44	40 6	16 56	4 53	5 25	12 23		n.a.
S 18	8 57	11 54	1 21	10 49	1 20	22 33	2 0	25 34	1 30	1 29	0 59	25 11	1 5	8 12	0 45	4 6	1 44	40 5	16 56	4 52	5 26	12 20		n.a.
S 19	9 19	5 0	0 1	11 42	1 26	22 31	1 53	25 34	1 29	1 24	0 59	25 11	1 5	8 11	0 45	4 7	1 44	40 5	16 55	4 52	5 27	12 17		n.a.
M20	9 41	2s12	1s18	12 34	1 32	22 28	1 45	25 34	1 28	1 19	0 59	25 11	1 5	8 10	0 45	4 8	1 44	40 4	16 55	4 52	5 29	12 13		n.a.
T 21	10 2	9 14	2 32	13 24	1 37	22 25	1 37	25 34	1 27	1 13	0 59	25 11	1 5	8 9	0 45	4 9	1 44	40 3	16 54	4 53	5 30	12 10		n.a.
W22	10 24	15 43	3 35	14 12	1 42	22 20	1 29	25 33	1 26	1 8	0 59	25 12	1 6	8 8	0 45	4 9	1 44	40 3	16 54	4 55	5 31	12 7		n.a.
T 23	10 45	21 14	4 23	14 58	1 46	22 15	1 21	25 32	1 25	1 3	0 59	25 12	1 6	8 7	0 45	4 10	1 44	40 2	16 53	4 57	5 32	12 4		n.a.
F 24	11 6	25 28	4 55	15 43	1 49	22 9	1 12	25 31	1 24	0 58	0 59	25 12	1 6	8 6	0 45	4 11	1 44	40 2	16 53	4 59	5 34	12 0		n.a.
S 25	11 27	28 8	5 9	16 25	1 51	22 3	1 2	25 30	1 23	0 52	0 59	25 12	1 6	8 5	0 45	4 12	1 44	40 1	16 52	5 2	5 35	11 57		n.a.
S 26	11 48	29 10	5 6	17 5	1 53	21 55	0 52	25 29	1 23	0 47	0 59	25 12	1 6	8 4	0 45	4 13	1 44	40 0	16 52	5 4	5 36	11 54		n.a.
M27	12 8	28 35	4 48	17 43	1 55	21 46	0 42	25 27	1 22	0 42	0 59	25 13	1 7	8 3	0 45	4 14	1 44	40 0	16 51	5 6	5 37	11 50		n.a.
T 28	12 29	26 35	4 17	18 20	1 55	21 37	0 32	25 26	1 21	0 37	0 59	25 13	1 7	8 2	0 45	4 15	1 44	39 59	16 51	5 7	5 39	11 47		n.a.
W29	12 49	23 23	3 35	18 54	1 56	21 27	0 21	25 24	1 20	0 32	0 59	25 13	1 7	8 1	0 45	4 15	1 44	39 58	16 50	5 7	5 40	11 44		n.a.
T 30	13 9	19 16	2 44	19 26	1 55	21 16	0 9	25 22	1 19	0 27	0 59	25 13	1 7	8 0	0 45	4 16	1 44	39 58	16 50	5 7	5 41	11 41		n.a.
F 31	13n29	14s26	1s47	19n56	1n54	21n 4	0s 2	25n20	1n18	0s21	0s59	25s13	1s 7	7s59	0s45	4n17	1s44	39n57	16n49	5s 6	5s43	11s37		n.a.

Julian Day Number = 190415.5, Delta T = 32h29m03s
Ecliptic obliquity = 24°07'08, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'28, Lahiri = -61°32'28 Julian Calendar 1 May 4192 BCE == Greg. Calendar 29 March 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

JUNE 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 28 22	5♉45'41	9♓ 5	21♉19	1°R44	5♋29	1♈32	27°R34	11♓57	14♈33	14♋53	17♓27	15♓51	3♓25	n.a.	S 1
S 2	14 32 18	6°43'08	20°57	23° 4	1♊38	6° 8	1°44	27♐32	11°59	14°35	14°54	17°R27	15°48	3°32	n.a.	S 2
M 3	14 36 15	7°40'36	2♈57	24°48	1°29	6°46	1°57	27°30	12° 1	14°37	14°55	17°26	15°45	3°38	n.a.	M 3
T 4	14 40 11	8°38'06	15° 9	26°30	1°18	7°24	2° 9	27°28	12° 4	14°39	14°56	17°23	15°42	3°45	n.a.	T 4
W 5	14 44 8	9°35'37	27°34	28°10	1° 4	8° 3	2°21	27°26	12° 6	14°41	14°57	17°17	15°39	3°52	n.a.	W 5
T 6	14 48 4	10°33'10	10♉15	29°49	0°49	8°42	2°33	27°24	12° 8	14°43	14°59	17° 9	15°36	3°58	n.a.	T 6
F 7	14 52 1	11°30'44	23°11	1♊27	0°31	9°20	2°45	27°21	12°10	14°45	15° 0	17° 0	15°32	4° 5	n.a.	F 7
S 8	14 55 58	12°28'20	6♊22	3° 3	0°10	9°59	2°57	27°18	12°12	14°48	15° 1	16°51	15°29	4°12	n.a.	S 8
S 9	14 59 54	13°25'58	19°47	4°37	29♉48	10°38	3° 9	27°16	12°14	14°50	15° 3	16°42	15°26	4°18	n.a.	S 9
M10	15 3 51	14°23'37	3♋22	6°10	29°24	11°17	3°21	27°13	12°16	14°52	15° 4	16°34	15°23	4°25	n.a.	M10
T 11	15 7 47	15°21'17	17° 8	7°41	28°57	11°56	3°33	27°10	12°18	14°54	15° 5	16°29	15°20	4°32	n.a.	T 11
W12	15 11 44	16°18'58	1♌ 2	9°11	28°29	12°35	3°44	27° 7	12°20	14°56	15° 7	16°26	15°16	4°38	n.a.	W12
T 13	15 15 40	17°16'41	15° 3	10°39	27°59	13°15	3°56	27° 4	12°22	14°57	15° 8	16°D25	15°13	4°45	n.a.	T 13
F 14	15 19 37	18°14'25	29°11	12° 5	27°27	13°54	4° 8	27° 1	12°24	14°59	15°10	16°25	15°10	4°51	n.a.	F 14
S 15	15 23 34	19°12'10	13♍24	13°30	26°55	14°34	4°19	26°58	12°26	15° 1	15°11	16°R25	15° 7	4°58	n.a.	S 15
S 16	15 27 30	20° 9'57	27°41	14°53	26°20	15°13	4°31	26°55	12°28	15° 3	15°13	16°25	15° 4	5° 5	n.a.	S 16
M17	15 31 27	21° 7'46	11♎58	16°14	25°45	15°53	4°42	26°52	12°30	15° 5	15°14	16°23	15° 1	5°11	n.a.	M17
T 18	15 35 23	22° 5'35	26°14	17°34	25°10	16°33	4°53	26°48	12°31	15° 7	15°16	16°18	14°57	5°18	n.a.	T 18
W19	15 39 20	23° 3'27	10♏22	18°52	24°33	17°12	5° 4	26°45	12°33	15° 9	15°17	16°10	14°54	5°25	n.a.	W19
T 20	15 43 16	24° 1'20	24°19	20° 8	23°57	17°52	5°15	26°41	12°35	15°11	15°19	16° 1	14°51	5°31	n.a.	T 20
F 21	15 47 13	24°59'16	8♐ 0	21°22	23°20	18°32	5°26	26°38	12°36	15°13	15°21	15°50	14°48	5°38	n.a.	F 21
S 22	15 51 9	25°57'13	21°22	22°34	22°44	19°12	5°37	26°34	12°38	15°14	15°22	15°38	14°45	5°45	n.a.	S 22
S 23	15 55 6	26°55'12	4♑22	23°45	22° 8	19°53	5°48	26°30	12°39	15°16	15°24	15°28	14°42	5°51	n.a.	S 23
M24	15 59 3	27°53'14	17° 2	24°53	21°32	20°33	5°59	26°26	12°41	15°18	15°26	15°20	14°38	5°58	n.a.	M24
T 25	16 2 59	28°51'17	29°23	25°58	20°58	21°13	6° 9	26°22	12°42	15°20	15°28	15°14	14°35	6° 5	n.a.	T 25
W26	16 6 56	29°49'23	11♒29	27° 2	20°25	21°54	6°20	26°19	12°43	15°21	15°29	15°10	14°32	6°11	n.a.	W26
T 27	16 10 52	0♊47'30	23°24	28° 3	19°53	22°34	6°30	26°15	12°45	15°23	15°31	15° 9	14°29	6°18	n.a.	T 27
F 28	16 14 49	1°45'40	5♓13	29° 1	19°22	23°15	6°41	26°10	12°46	15°25	15°33	15°D 9	14°26	6°25	n.a.	F 28
S 29	16 18 45	2°43'52	17° 2	29°57	18°53	23°56	6°51	26° 6	12°47	15°26	15°35	15°R 9	14°22	6°31	n.a.	S 29
S 30	16 22 42	3♊42'07	28♓56	0♋49	18♉26	24♋37	7♈ 1	26♐ 2	12♓48	15♈28	15♋37	15♓ 8	14♓19	6♓38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n49	9s 5	0s45	20n25	1n53	20n51	0s15	25n17	1n17	0s16	0s59	25s13	1s 8	7s58	0s45	4n18	1s44	39n57	16n49	5s 6	5s44	11s34		n.a.
S 2	14 8	3 24	0n19	20 51	1 51	20 38	0 27	25 15	1 16	0 11	0 59	25 14	1 8	7 57	0 45	4 19	1 44	39 56	16 48	5 5	5 45	11 31		n.a.
M 3	14 28	2n28	1 23	21 15	1 49	20 24	0 40	25 12	1 15	0 6	0 59	25 14	1 8	7 56	0 45	4 20	1 44	39 55	16 48	5 6	5 46	11 27		n.a.
T 4	14 47	8 19	2 23	21 38	1 46	20 9	0 53	25 9	1 14	0 1	0 59	25 14	1 8	7 55	0 45	4 20	1 44	39 55	16 47	5 7	5 48	11 24		n.a.
W 5	15 6	13 58	3 18	21 59	1 42	19 53	1 6	25 5	1 14	0n 4	0 59	25 14	1 8	7 55	0 45	4 21	1 44	39 54	16 47	5 10	5 49	11 21		n.a.
T 6	15 24	19 10	4 5	22 17	1 39	19 36	1 20	25 2	1 13	0 9	0 59	25 14	1 9	7 54	0 45	4 22	1 44	39 53	16 46	5 13	5 50	11 18		n.a.
F 7	15 43	23 35	4 39	22 34	1 34	19 19	1 33	24 58	1 12	0 14	0 59	25 14	1 9	7 53	0 45	4 23	1 44	39 53	16 46	5 16	5 51	11 14		n.a.
S 8	16 1	26 54	5 0	22 50	1 30	19 1	1 47	24 55	1 11	0 18	0 59	25 14	1 9	7 52	0 45	4 24	1 44	39 52	16 45	5 20	5 53	11 11		n.a.
S 9	16 19	28 46	5 4	23 3	1 25	18 42	2 2	24 51	1 10	0 23	0 59	25 15	1 9	7 51	0 45	4 24	1 44	39 52	16 45	5 24	5 54	11 8		n.a.
M10	16 37	28 56	4 52	23 15	1 19	18 23	2 16	24 46	1 9	0 28	0 59	25 15	1 9	7 51	0 45	4 25	1 44	39 51	16 44	5 27	5 55	11 4		n.a.
T 11	16 54	27 19	4 23	23 25	1 14	18 3	2 30	24 42	1 8	0 33	0 59	25 15	1 10	7 50	0 45	4 26	1 44	39 50	16 44	5 29	5 56	11 1		n.a.
W12	17 11	24 2	3 38	23 34	1 7	17 43	2 45	24 37	1 7	0 38	0 59	25 15	1 10	7 49	0 45	4 27	1 44	39 50	16 44	5 30	5 58	10 58		n.a.
T 13	17 28	19 18	2 39	23 41	1 1	17 22	2 59	24 32	1 6	0 42	0 59	25 15	1 10	7 48	0 46	4 27	1 44	39 49	16 43	5 31	5 59	10 55		n.a.
F 14	17 45	13 30	1 31	23 46	0 54	17 1	3 13	24 27	1 6	0 47	0 59	25 15	1 10	7 48	0 46	4 28	1 44	39 48	16 43	5 30	6 0	10 51		n.a.
S 15	18 1	6 57	0 16	23 51	0 47	16 40	3 27	24 22	1 5	0 52	0 59	25 15	1 10	7 47	0 46	4 29	1 44	39 48	16 42	5 30	6 2	10 48		n.a.
S 16	18 17	0 3	1s 0	23 53	0 40	16 18	3 41	24 17	1 4	0 56	0 59	25 15	1 10	7 46	0 46	4 30	1 44	39 47	16 42	5 30	6 3	10 45		n.a.
M17	18 33	6s52	2 12	23 55	0 32	15 57	3 55	24 11	1 3	1 1	0 59	25 15	1 11	7 46	0 46	4 30	1 44	39 47	16 42	5 31	6 4	10 41		n.a.
T 18	18 48	13 25	3 15	23 55	0 24	15 35	4 8	24 5	1 2	1 6	0 59	25 16	1 11	7 45	0 46	4 31	1 44	39 46	16 41	5 33	6 5	10 38		n.a.
W19	19 4	19 13	4 6	23 54	0 15	15 14	4 21	23 59	1 1	1 10	0 59	25 16	1 11	7 44	0 46	4 32	1 44	39 45	16 41	5 36	6 7	10 35		n.a.
T 20	19 18	23 55	4 41	23 51	0 7	14 53	4 33	23 53	1 0	1 15	0 59	25 16	1 11	7 44	0 46	4 33	1 45	39 45	16 40	5 40	6 8	10 31		n.a.
F 21	19 33	27 11	4 59	23 48	0s 2	14 32	4 45	23 46	0 59	1 19	0 59	25 16	1 11	7 43	0 46	4 33	1 45	39 44	16 40	5 45	6 9	10 28		n.a.
S 22	19 47	28 50	5 1	23 43	0 11	14 12	4 57	23 40	0 58	1 23	0 59	25 16	1 12	7 43	0 46	4 34	1 45	39 44	16 40	5 49	6 10	10 25		n.a.
S 23	20 1	28 49	4 46	23 38	0 20	13 52	5 8	23 33	0 58	1 28	0 59	25 16	1 12	7 42	0 46	4 35	1 45	39 43	16 39	5 53	6 12	10 21		n.a.
M24	20 15	27 15	4 18	23 31	0 30	13 33	5 18	23 26	0 57	1 32	0 59	25 16	1 12	7 41	0 46	4 35	1 45	39 42	16 39	5 56	6 13	10 18		n.a.
T 25	20 28	24 24	3 38	23 24	0 40	13 15	5 28	23 19	0 56	1 36	0 59	25 16	1 12	7 41	0 46	4 36	1 45	39 42	16 38	5 59	6 14	10 15		n.a.
W26	20 41	20 31	2 49	23 16	0 49	12 57	5 36	23 11	0 55	1 41	0 59	25 16	1 12	7 40	0 46	4 37	1 45	39 41	16 38	6 0	6 15	10 11		n.a.
T 27	20 54	15 52	1 53	23 7	1 0	12 41	5 45	23 3	0 54	1 45	1 0	25 16	1 12	7 40	0 46	4 37	1 45	39 41	16 38	6 1	6 17	10 8		n.a.
F 28	21 6	10 40	0 52	22 57	1 10	12 25	5 52	22 55	0 53	1 49	1 0	25 16	1 13	7 40	0 46	4 38	1 45	39 40	16 37	6 1	6 18	10 5		n.a.
S 29	21 18	5 7	0n10	22 47	1 20	12 11	5 59	22 47	0 52	1 53	1 0	25 16	1 13	7 39	0 46	4 38	1 45	39 39	16 37	6 1	6 19	10 1		n.a.
S 30	21n29	0n40	1n12	22n36	1s31	11n58	6s 5	22n39	0n51	1n57	1s 0	25s16	1s13	7s39	0s46	4n39	1s45	39n39	16n37	6s 1	6s20	9s58		n.a.

Julian Day Number = 190446.5, Delta T = 32h29m00s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'24, Lahiri = -61°32'24 Julian Calendar 1 June 4192 BCE == Greg. Calendar 29 Apr. 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

JULY 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 26 38	4♊40'23	11♈ 0	1♋39	18°R 1	25♋18	7♈11	25°R58	12♓49	15♈30	15♋39	15°R 6	14♓16	6♓44	n.a.	M 1
T 2	16 30 35	5°38'42	23°18	2°25	17♉38	25°59	7°21	25♐54	12°50	15°31	15°41	15♓ 1	14°13	6°51	n.a.	T 2
W 3	16 34 32	6°37'04	5♉55	3° 7	17°18	26°40	7°31	25°49	12°51	15°33	15°42	14°53	14°10	6°58	n.a.	W 3
T 4	16 38 28	7°35'27	18°51	3°46	16°59	27°21	7°41	25°45	12°52	15°34	15°44	14°43	14° 7	7° 4	n.a.	T 4
F 5	16 42 25	8°33'53	2♊ 7	4°21	16°43	28° 2	7°51	25°41	12°53	15°36	15°46	14°31	14° 3	7°11	n.a.	F 5
S 6	16 46 21	9°32'21	15°42	4°51	16°29	28°43	8° 0	25°36	12°54	15°37	15°48	14°19	14° 0	7°18	n.a.	S 6
S 7	16 50 18	10°30'51	29°31	5°17	16°17	29°25	8°10	25°32	12°55	15°39	15°50	14° 7	13°57	7°24	n.a.	S 7
M 8	16 54 14	11°29'24	13♋32	5°38	16° 8	0♌ 6	8°19	25°27	12°56	15°40	15°52	13°56	13°54	7°31	n.a.	M 8
T 9	16 58 11	12°27'58	27°40	5°54	16° 1	0°48	8°28	25°23	12°56	15°42	15°54	13°49	13°51	7°38	n.a.	T 9
W10	17 2 7	13°26'34	11♌51	6° 4	15°57	1°30	8°37	25°18	12°57	15°43	15°56	13°44	13°47	7°44	n.a.	W10
T 11	17 6 4	14°25'12	26° 2	6°R 8	15°D55	2°12	8°46	25°13	12°58	15°44	15°59	13°42	13°44	7°51	n.a.	T 11
F 12	17 10 0	15°23'52	10♍10	6° 6	15°55	2°53	8°55	25° 9	12°58	15°46	16° 1	13°41	13°41	7°58	n.a.	F 12
S 13	17 13 57	16°22'33	24°16	5°57	15°57	3°35	9° 4	25° 4	12°59	15°47	16° 3	13°41	13°38	8° 4	n.a.	S 13
S 14	17 17 54	17°21'17	8♎17	5°42	16° 2	4°17	9°12	24°59	12°59	15°48	16° 5	13°40	13°35	8°11	n.a.	S 14
M15	17 21 50	18°20'02	22°14	5°19	16° 9	4°59	9°21	24°55	12°59	15°49	16° 7	13°37	13°32	8°18	n.a.	M15
T 16	17 25 47	19°18'50	6♏ 5	4°50	16°19	5°42	9°29	24°50	13° 0	15°51	16° 9	13°31	13°28	8°24	n.a.	T 16
W17	17 29 43	20°17'40	19°47	4°14	16°30	6°24	9°37	24°45	13° 0	15°52	16°11	13°23	13°25	8°31	n.a.	W17
T 18	17 33 40	21°16'31	3♐20	3°31	16°43	7° 6	9°45	24°40	13° 0	15°53	16°13	13°12	13°22	8°37	n.a.	T 18
F 19	17 37 36	22°15'25	16°40	2°42	16°59	7°49	9°53	24°36	13° 0	15°54	16°16	12°59	13°19	8°44	n.a.	F 19
S 20	17 41 33	23°14'22	29°45	1°47	17°16	8°31	10° 1	24°31	13° 1	15°55	16°18	12°47	13°16	8°51	n.a.	S 20
S 21	17 45 29	24°13'20	12♑33	0°48	17°36	9°14	10° 9	24°26	13° 1	15°56	16°20	12°35	13°13	8°57	n.a.	S 21
M22	17 49 26	25°12'21	25° 5	29♊44	17°57	9°56	10°16	24°21	13°R 1	15°57	16°22	12°25	13° 9	9° 4	n.a.	M22
T 23	17 53 22	26°11'25	7♒21	28°39	18°20	10°39	10°24	24°17	13° 1	15°58	16°25	12°17	13° 6	9°11	n.a.	T 23
W24	17 57 19	27°10'30	19°23	27°32	18°45	11°22	10°31	24°12	13° 1	15°59	16°27	12°13	13° 3	9°17	n.a.	W24
T 25	18 1 15	28° 9'38	1♓17	26°27	19°11	12° 5	10°38	24° 7	13° 0	16° 0	16°29	12°10	13° 0	9°24	n.a.	T 25
F 26	18 5 12	29° 8'49	13° 5	25°23	19°40	12°47	10°45	24° 2	13° 0	16° 1	16°31	12°D10	12°57	9°31	n.a.	F 26
S 27	18 9 9	0♋ 8'02	24°53	24°24	20° 9	13°30	10°52	23°57	13° 0	16° 2	16°34	12°R10	12°53	9°37	n.a.	S 27
S 28	18 13 5	1° 7'18	6♈46	23°31	20°41	14°14	10°58	23°53	13° 0	16° 3	16°36	12°10	12°50	9°44	n.a.	S 28
M29	18 17 2	2° 6'36	18°50	22°45	21°13	14°57	11° 5	23°48	12°59	16° 4	16°38	12° 9	12°47	9°51	n.a.	M29
T 30	18 20 58	3° 5'57	1♉11	22° 7	21°47	15°40	11°11	23°43	12°59	16° 5	16°41	12° 5	12°44	9°57	n.a.	T 30
W31	18 24 55	4♋ 5'21	13♉51	21♊38	22♉23	16♌23	11♈17	23♐39	12♓59	16♈ 5	16♋43	11♓59	12♓41	10♓ 4	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n40	6n29	2n12	22n25	1s41	11n45	6s11	22n31	0n51	2n 1	1s 0	25s16	1s13	7s38	0s46	4n40	1s45	39n38	16n36	6s 2	6s22	9s55			n.a.
T 2	21 51	12 11	3 7	22 14	1 52	11 34	6 16	22 22	0 50	2 5	1 0	25 16	1 13	7 38	0 46	4 40	1 45	39 38	16 36	6 4	6 23	9 51			n.a.
W 3	22 2	17 32	3 54	22 3	2 2	11 25	6 20	22 13	0 49	2 9	1 0	25 16	1 13	7 38	0 46	4 41	1 45	39 37	16 36	6 7	6 24	9 48			n.a.
T 4	22 12	22 14	4 31	21 51	2 13	11 16	6 23	22 4	0 48	2 13	1 0	25 16	1 13	7 37	0 46	4 41	1 45	39 36	16 35	6 11	6 25	9 45			n.a.
F 5	22 21	25 57	4 53	21 39	2 23	11 9	6 26	21 55	0 47	2 17	1 0	25 16	1 14	7 37	0 46	4 42	1 45	39 36	16 35	6 16	6 27	9 41			n.a.
S 6	22 30	28 18	5 0	21 28	2 34	11 3	6 28	21 45	0 46	2 21	1 0	25 16	1 14	7 37	0 46	4 43	1 45	39 35	16 35	6 21	6 28	9 38			n.a.
S 7	22 39	28 57	4 50	21 17	2 44	10 58	6 30	21 35	0 45	2 25	1 0	25 16	1 14	7 36	0 46	4 43	1 45	39 35	16 35	6 25	6 29	9 35			n.a.
M 8	22 48	27 45	4 22	21 6	2 54	10 54	6 31	21 25	0 44	2 28	1 0	25 16	1 14	7 36	0 46	4 44	1 45	39 34	16 34	6 29	6 30	9 31			n.a.
T 9	22 56	24 46	3 37	20 55	3 4	10 52	6 32	21 15	0 43	2 32	1 0	25 16	1 14	7 36	0 46	4 44	1 45	39 34	16 34	6 32	6 32	9 28			n.a.
W10	23 3	20 16	2 40	20 46	3 13	10 50	6 32	21 5	0 43	2 36	1 0	25 16	1 14	7 36	0 46	4 45	1 45	39 33	16 34	6 34	6 33	9 24			n.a.
T 11	23 11	14 38	1 32	20 37	3 22	10 50	6 31	20 54	0 42	2 39	1 0	25 16	1 14	7 35	0 46	4 45	1 45	39 33	16 33	6 35	6 34	9 21			n.a.
F 12	23 17	8 15	0 19	20 28	3 30	10 51	6 30	20 44	0 41	2 43	1 0	25 16	1 14	7 35	0 46	4 46	1 45	39 32	16 33	6 35	6 35	9 18			n.a.
S 13	23 24	1 30	0s56	20 21	3 38	10 53	6 29	20 33	0 40	2 46	1 0	25 16	1 15	7 35	0 47	4 46	1 45	39 32	16 33	6 35	6 37	9 14			n.a.
S 14	23 30	5s18	2 6	20 15	3 44	10 56	6 27	20 22	0 39	2 50	1 0	25 16	1 15	7 35	0 47	4 47	1 45	39 31	16 33	6 36	6 38	9 11			n.a.
M15	23 35	11 48	3 8	20 11	3 50	11 0	6 25	20 11	0 38	2 53	1 0	25 16	1 15	7 35	0 47	4 47	1 45	39 30	16 33	6 37	6 39	9 8			n.a.
T 16	23 40	17 40	3 59	20 7	3 54	11 5	6 22	19 59	0 37	2 56	1 0	25 16	1 15	7 35	0 47	4 47	1 45	39 30	16 32	6 39	6 40	9 4			n.a.
W17	23 45	22 35	4 36	20 6	3 57	11 11	6 19	19 47	0 36	3 0	1 0	25 16	1 15	7 35	0 47	4 48	1 46	39 29	16 32	6 43	6 42	9 1			n.a.
T 18	23 49	26 15	4 56	20 6	3 59	11 18	6 16	19 36	0 36	3 3	1 1	25 16	1 15	7 35	0 47	4 48	1 46	39 29	16 32	6 47	6 43	8 58			n.a.
F 19	23 53	28 24	5 0	20 7	3 58	11 26	6 13	19 24	0 35	3 6	1 1	25 15	1 15	7 34	0 47	4 49	1 46	39 28	16 32	6 52	6 44	8 54			n.a.
S 20	23 56	28 55	4 47	20 10	3 56	11 35	6 9	19 11	0 34	3 9	1 1	25 15	1 15	7 34	0 47	4 49	1 46	39 28	16 32	6 57	6 45	8 51			n.a.
S 21	23 59	27 50	4 21	20 15	3 52	11 44	6 5	18 59	0 33	3 12	1 1	25 15	1 15	7 34	0 47	4 49	1 46	39 27	16 31	7 2	6 47	8 47			n.a.
M22	24 2	25 21	3 42	20 21	3 46	11 54	6 1	18 46	0 32	3 15	1 1	25 15	1 16	7 34	0 47	4 50	1 46	39 27	16 31	7 6	6 48	8 44			n.a.
T 23	24 4	21 45	2 53	20 29	3 38	12 5	5 56	18 34	0 31	3 18	1 1	25 15	1 16	7 35	0 47	4 50	1 46	39 26	16 31	7 8	6 49	8 41			n.a.
W24	24 5	17 17	1 58	20 39	3 27	12 16	5 52	18 21	0 30	3 21	1 1	25 15	1 16	7 35	0 47	4 51	1 46	39 26	16 31	7 10	6 51	8 37			n.a.
T 25	24 6	12 13	0 58	20 49	3 15	12 28	5 47	18 8	0 30	3 24	1 1	25 15	1 16	7 35	0 47	4 51	1 46	39 26	16 31	7 11	6 52	8 34			n.a.
F 26	24 7	6 45	0n 5	21 2	3 1	12 40	5 42	17 54	0 29	3 26	1 1	25 15	1 16	7 35	0 47	4 51	1 46	39 25	16 31	7 11	6 53	8 30			n.a.
S 27	24 7	1 4	1 7	21 15	2 45	12 53	5 36	17 41	0 28	3 29	1 1	25 15	1 16	7 35	0 47	4 51	1 46	39 25	16 30	7 11	6 54	8 27			n.a.
S 28	24 7	4n42	2 7	21 29	2 28	13 7	5 31	17 27	0 27	3 32	1 1	25 14	1 16	7 35	0 47	4 52	1 46	39 24	16 30	7 11	6 56	8 24			n.a.
M29	24 6	10 22	3 2	21 45	2 10	13 21	5 26	17 13	0 26	3 34	1 1	25 14	1 16	7 35	0 47	4 52	1 46	39 24	16 30	7 12	6 57	8 20			n.a.
T 30	24 5	15 47	3 50	22 1	1 51	13 35	5 20	17 0	0 25	3 37	1 1	25 14	1 16	7 35	0 47	4 52	1 46	39 23	16 30	7 13	6 58	8 17			n.a.
W31	24n 3	20n41	4n28	22n18	1s33	13n50	5s14	16n45	0n24	3n39	1s 1	25s14	1s16	7s36	0s47	4n53	1s46	39n23	16n30	7s15	6s59	8s14			n.a.

Julian Day Number = 190476.5, Delta T = 32h28m57s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'20, Lahiri = -61°32'20 Julian Calendar 1 July 4192 BCE == Greg. Calendar 29 May 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

AUGUST 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 28 51	5♋ 4'47	26♉55	21°R20	23♉ 0	17♌ 7	11♈23	23°R34	12°R58	16♈ 6	16♋45	11°R51	12♓38	10♓11	n.a.	T 1
F 2	18 32 48	6° 4'16	10♊24	21°D12	23°38	17°50	11°29	23♐29	12♓58	16° 7	16°48	11♓41	12°34	10°17	n.a.	F 2
S 3	18 36 44	7° 3'47	24°16	21♊15	24°17	18°34	11°35	23°25	12°57	16° 7	16°50	11°30	12°31	10°24	n.a.	S 3
S 4	18 40 41	8° 3'20	8♋28	21°28	24°57	19°17	11°41	23°20	12°56	16° 8	16°52	11°20	12°28	10°31	n.a.	S 4
M 5	18 44 37	9° 2'56	22°55	21°51	25°39	20° 1	11°46	23°16	12°56	16° 9	16°55	11°11	12°25	10°37	n.a.	M 5
T 6	18 48 34	10° 2'34	7♌29	22°24	26°22	20°45	11°51	23°11	12°55	16° 9	16°57	11° 4	12°22	10°44	n.a.	T 6
W 7	18 52 30	11° 2'14	22° 4	23° 7	27° 5	21°28	11°56	23° 7	12°54	16°10	16°59	11° 0	12°19	10°50	n.a.	W 7
T 8	18 56 27	12° 1'56	6♍35	23°57	27°50	22°12	12° 1	23° 3	12°53	16°10	17° 2	10°D59	12°15	10°57	n.a.	T 8
F 9	19 0 23	13° 1'40	20°58	24°56	28°35	22°56	12° 6	22°58	12°52	16°11	17° 4	10°59	12°12	11° 4	n.a.	F 9
S 10	19 4 20	14° 1'25	5♎ 8	26° 1	29°22	23°40	12°10	22°54	12°51	16°11	17° 6	11° 0	12° 9	11°10	n.a.	S 10
S 11	19 8 17	15° 1'13	19° 7	27°12	0♊ 9	24°24	12°15	22°50	12°50	16°12	17° 9	11°R 0	12° 6	11°17	n.a.	S 11
M12	19 12 13	16° 1'03	2♏53	28°29	0°58	25° 8	12°19	22°45	12°49	16°12	17°11	10°59	12° 3	11°24	n.a.	M12
T 13	19 16 10	17° 0'55	16°26	29°51	1°47	25°53	12°23	22°41	12°48	16°12	17°13	10°55	11°59	11°30	n.a.	T 13
W14	19 20 6	18° 0'48	29°47	1♋16	2°37	26°37	12°27	22°37	12°47	16°12	17°16	10°49	11°56	11°37	n.a.	W14
T 15	19 24 3	19° 0'44	12♐56	2°45	3°27	27°21	12°30	22°33	12°46	16°13	17°18	10°41	11°53	11°44	n.a.	T 15
F 16	19 27 59	20° 0'42	25°53	4°17	4°19	28° 6	12°34	22°29	12°45	16°13	17°21	10°32	11°50	11°50	n.a.	F 16
S 17	19 31 56	21° 0'42	8♑37	5°51	5°11	28°50	12°37	22°25	12°44	16°13	17°23	10°23	11°47	11°57	n.a.	S 17
S 18	19 35 52	22° 0'44	21° 8	7°27	6° 4	29°35	12°40	22°22	12°42	16°13	17°25	10°14	11°44	12° 4	n.a.	S 18
M19	19 39 49	23° 0'48	3♒27	9° 5	6°58	0♏19	12°43	22°18	12°41	16°13	17°28	10° 7	11°40	12°10	n.a.	M19
T 20	19 43 45	24° 0'54	15°34	10°44	7°52	1° 4	12°46	22°14	12°39	16°14	17°30	10° 2	11°37	12°17	n.a.	T 20
W21	19 47 42	25° 1'02	27°32	12°23	8°47	1°49	12°49	22°11	12°38	16°14	17°32	9°59	11°34	12°24	n.a.	W21
T 22	19 51 38	26° 1'13	9♓22	14° 4	9°42	2°33	12°51	22° 7	12°37	16°R14	17°35	9°D58	11°31	12°30	n.a.	T 22
F 23	19 55 35	27° 1'26	21° 9	15°45	10°39	3°18	12°53	22° 4	12°35	16°14	17°37	9°58	11°28	12°37	n.a.	F 23
S 24	19 59 31	28° 1'41	2♈56	17°26	11°35	4° 3	12°55	22° 0	12°33	16°14	17°39	10° 0	11°25	12°43	n.a.	S 24
S 25	20 3 28	29° 1'58	14°48	19° 7	12°33	4°48	12°57	21°57	12°32	16°13	17°42	10° 1	11°21	12°50	n.a.	S 25
M26	20 7 25	0♌ 2'18	26°50	20°48	13°30	5°33	12°58	21°54	12°30	16°13	17°44	10°R 2	11°18	12°57	n.a.	M26
T 27	20 11 21	1° 2'40	9♉ 8	22°30	14°29	6°18	13° 0	21°51	12°28	16°13	17°46	10° 2	11°15	13° 3	n.a.	T 27
W28	20 15 18	2° 3'04	21°46	24°11	15°28	7° 3	13° 1	21°47	12°27	16°13	17°49	10° 0	11°12	13°10	n.a.	W28
T 29	20 19 14	3° 3'31	4♊48	25°52	16°27	7°48	13° 2	21°44	12°25	16°13	17°51	9°57	11° 9	13°17	n.a.	T 29
F 30	20 23 11	4° 4'00	18°18	27°32	17°27	8°34	13° 3	21°42	12°23	16°12	17°53	9°52	11° 5	13°23	n.a.	F 30
S 31	20 27 7	5♌ 4'31	2♋14	29♋12	18♊27	9♏19	13♈ 3	21♐39	12♓21	16♈12	17♋56	9♓46	11♓ 2	13♓30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	24n 1	24n46	4n53	22n36	1s14	14n 5	5s 8	16n31	0n23	3n41	1s 1	25s14	1s16	7s36	0s47	4n53	1s46	39n22	16n30	7s19	7s 0	8s10			n.a.
F 2	23 58	27 38	5 3	22 54	0 55	14 20	5 2	16 17	0 23	3 44	1 2	25 14	1 16	7 36	0 47	4 53	1 46	39 22	16 30	7 23	7 2	8 7			n.a.
S 3	23 55	28 55	4 56	23 13	0 37	14 36	4 56	16 2	0 22	3 46	1 2	25 13	1 17	7 36	0 47	4 53	1 46	39 22	16 30	7 27	7 3	8 3			n.a.
S 4	23 52	28 20	4 30	23 31	0 19	14 51	4 50	15 47	0 21	3 48	1 2	25 13	1 17	7 37	0 47	4 53	1 46	39 21	16 30	7 31	7 4	8 0			n.a.
M 5	23 48	25 50	3 47	23 49	0 3	15 7	4 44	15 32	0 20	3 50	1 2	25 13	1 17	7 37	0 47	4 54	1 46	39 21	16 30	7 34	7 5	7 57			n.a.
T 6	23 43	21 38	2 49	24 7	0n13	15 23	4 38	15 17	0 19	3 52	1 2	25 13	1 17	7 37	0 47	4 54	1 46	39 20	16 30	7 37	7 7	7 53			n.a.
W 7	23 39	16 6	1 39	24 24	0 28	15 40	4 32	15 2	0 18	3 54	1 2	25 13	1 17	7 38	0 47	4 54	1 47	39 20	16 30	7 39	7 8	7 50			n.a.
T 8	23 33	9 42	0 23	24 40	0 41	15 56	4 25	14 47	0 17	3 56	1 2	25 12	1 17	7 38	0 47	4 54	1 47	39 20	16 30	7 39	7 9	7 46			n.a.
F 9	23 27	2 52	0s53	24 54	0 53	16 12	4 19	14 31	0 17	3 58	1 2	25 12	1 17	7 38	0 47	4 54	1 47	39 19	16 30	7 39	7 10	7 43			n.a.
S 10	23 21	4s 1	2 6	25 8	1 4	16 29	4 12	14 15	0 16	4 0	1 2	25 12	1 17	7 39	0 47	4 54	1 47	39 19	16 30	7 39	7 12	7 40			n.a.
S 11	23 15	10 36	3 10	25 20	1 14	16 45	4 6	14 0	0 15	4 1	1 2	25 12	1 17	7 39	0 48	4 54	1 47	39 19	16 30	7 39	7 13	7 36			n.a.
M12	23 7	16 35	4 2	25 30	1 23	17 2	4 0	13 44	0 14	4 3	1 2	25 12	1 17	7 40	0 48	4 55	1 47	39 18	16 30	7 39	7 14	7 33			n.a.
T 13	23 0	21 40	4 39	25 38	1 31	17 18	3 53	13 27	0 13	4 4	1 2	25 11	1 17	7 40	0 48	4 55	1 47	39 18	16 30	7 41	7 15	7 29			n.a.
W14	22 52	25 34	5 1	25 44	1 37	17 35	3 46	13 11	0 12	4 6	1 2	25 11	1 17	7 41	0 48	4 55	1 47	39 18	16 30	7 43	7 17	7 26			n.a.
T 15	22 43	28 3	5 6	25 48	1 43	17 51	3 40	12 55	0 12	4 7	1 3	25 11	1 17	7 41	0 48	4 55	1 47	39 17	16 30	7 46	7 18	7 22			n.a.
F 16	22 35	28 58	4 55	25 50	1 47	18 7	3 33	12 38	0 11	4 9	1 3	25 11	1 17	7 41	0 48	4 55	1 47	39 17	16 30	7 50	7 19	7 19			n.a.
S 17	22 25	28 19	4 30	25 50	1 51	18 23	3 27	12 22	0 10	4 10	1 3	25 11	1 17	7 42	0 48	4 55	1 47	39 17	16 30	7 53	7 20	7 16			n.a.
S 18	22 16	26 14	3 52	25 48	1 54	18 39	3 20	12 5	0 9	4 11	1 3	25 10	1 17	7 43	0 48	4 55	1 47	39 16	16 30	7 57	7 22	7 12			n.a.
M19	22 5	22 55	3 4	25 43	1 56	18 54	3 14	11 48	0 8	4 12	1 3	25 10	1 17	7 43	0 48	4 55	1 47	39 16	16 30	7 59	7 23	7 9			n.a.
T 20	21 55	18 39	2 8	25 37	1 57	19 10	3 7	11 31	0 7	4 13	1 3	25 10	1 17	7 44	0 48	4 55	1 47	39 16	16 30	8 1	7 24	7 5			n.a.
W21	21 44	13 43	1 7	25 28	1 57	19 25	3 1	11 14	0 6	4 14	1 3	25 10	1 17	7 44	0 48	4 55	1 47	39 16	16 30	8 3	7 25	7 2			n.a.
T 22	21 32	8 20	0 3	25 18	1 57	19 40	2 54	10 57	0 6	4 15	1 3	25 10	1 17	7 45	0 48	4 55	1 47	39 15	16 30	8 3	7 27	6 59			n.a.
F 23	21 21	2 41	1n 0	25 5	1 57	19 55	2 47	10 39	0 5	4 16	1 3	25 9	1 17	7 46	0 48	4 55	1 47	39 15	16 30	8 3	7 28	6 55			n.a.
S 24	21 8	3n 3	2 2	24 51	1 55	20 9	2 41	10 22	0 4	4 16	1 3	25 9	1 17	7 46	0 48	4 55	1 47	39 15	16 30	8 2	7 29	6 52			n.a.
S 25	20 56	8 43	2 58	24 35	1 54	20 23	2 35	10 4	0 3	4 17	1 3	25 9	1 17	7 47	0 48	4 55	1 47	39 15	16 31	8 1	7 30	6 48			n.a.
M26	20 43	14 9	3 47	24 17	1 51	20 37	2 28	9 46	0 2	4 18	1 3	25 9	1 17	7 48	0 48	4 54	1 48	39 14	16 31	8 1	7 32	6 45			n.a.
T 27	20 29	19 9	4 28	23 58	1 49	20 51	2 22	9 29	0 2	4 18	1 3	25 9	1 17	7 48	0 48	4 54	1 48	39 14	16 31	8 1	7 33	6 41			n.a.
W28	20 16	23 28	4 56	23 37	1 46	21 4	2 15	9 11	0 1	4 19	1 3	25 8	1 17	7 49	0 48	4 54	1 48	39 14	16 31	8 2	7 34	6 38			n.a.
T 29	20 2	26 47	5 10	23 15	1 42	21 16	2 9	8 53	0s 0	4 19	1 4	25 8	1 17	7 50	0 48	4 54	1 48	39 14	16 31	8 3	7 35	6 35			n.a.
F 30	19 47	28 42	5 8	22 51	1 39	21 28	2 3	8 35	0 1	4 19	1 4	25 8	1 17	7 50	0 48	4 54	1 48	39 14	16 31	8 5	7 37	6 31			n.a.
S 31	19n32	28n54	4n48	22n26	1n34	21n40	1s56	8n16	0s 2	4n19	1s 4	25s 8	1s17	7s51	0s48	4n54	1s48	39n13	16n32	8s 7	7s38	6s28			n.a.

Julian Day Number = 190507.5, Delta T = 32h28m54s
Ecliptic obliquity = 24°07'06, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'16, Lahiri = -61°32'16 Julian Calendar 1 Aug. 4192 BCE == Greg. Calendar 29 June 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

SEPTEMBER 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 31 4	6♌ 5'04	16♋36	0♌52	19♊28	10♍ 4	13♈ 4	21°R36	12°R19	16°R12	17♋58	9°R41	10♓59	13♓37	n.a.	S 1
M 2	20 35 0	7° 5'39	1♌18	2°32	20°29	10°50	13°R 4	21♐34	12♓18	16♈12	18° 0	9♓36	10°56	13°43	n.a.	M 2
T 3	20 38 57	8° 6'16	16°13	4°11	21°31	11°35	13° 4	21°31	12°16	16°11	18° 2	9°33	10°53	13°50	n.a.	T 3
W 4	20 42 53	9° 6'54	1♍13	5°50	22°33	12°21	13° 3	21°29	12°14	16°11	18° 5	9°31	10°50	13°57	n.a.	W 4
T 5	20 46 50	10° 7'35	16° 9	7°28	23°35	13° 6	13° 3	21°26	12°12	16°10	18° 7	9°D31	10°46	14° 3	n.a.	T 5
F 6	20 50 46	11° 8'16	0♎53	9° 6	24°38	13°52	13° 2	21°24	12°10	16°10	18° 9	9°32	10°43	14°10	n.a.	F 6
S 7	20 54 43	12° 9'00	15°22	10°44	25°41	14°37	13° 2	21°22	12° 7	16° 9	18°11	9°33	10°40	14°16	n.a.	S 7
S 8	20 58 40	13° 9'44	29°30	12°21	26°44	15°23	13° 1	21°20	12° 5	16° 9	18°14	9°35	10°37	14°23	n.a.	S 8
M 9	21 2 36	14°10'31	13♏18	13°58	27°48	16° 9	12°59	21°18	12° 3	16° 8	18°16	9°R35	10°34	14°30	n.a.	M 9
T 10	21 6 33	15°11'18	26°46	15°35	28°52	16°55	12°58	21°16	12° 1	16° 7	18°18	9°35	10°31	14°36	n.a.	T 10
W11	21 10 29	16°12'07	9♐56	17°11	29°56	17°41	12°56	21°15	11°59	16° 7	18°20	9°33	10°27	14°43	n.a.	W11
T 12	21 14 26	17°12'57	22°48	18°47	1♋ 1	18°26	12°54	21°13	11°57	16° 6	18°22	9°30	10°24	14°50	n.a.	T 12
F 13	21 18 22	18°13'49	5♑26	20°22	2° 6	19°12	12°52	21°11	11°54	16° 5	18°24	9°27	10°21	14°56	n.a.	F 13
S 14	21 22 19	19°14'42	17°52	21°58	3°12	19°58	12°50	21°10	11°52	16° 5	18°26	9°24	10°18	15° 3	n.a.	S 14
S 15	21 26 15	20°15'36	0♒ 6	23°33	4°17	20°44	12°48	21° 9	11°50	16° 4	18°29	9°20	10°15	15°10	n.a.	S 15
M16	21 30 12	21°16'32	12°12	25° 8	5°23	21°30	12°45	21° 8	11°47	16° 3	18°31	9°18	10°11	15°16	n.a.	M16
T 17	21 34 8	22°17'29	24° 9	26°42	6°29	22°17	12°42	21° 6	11°45	16° 2	18°33	9°16	10° 8	15°23	n.a.	T 17
W18	21 38 5	23°18'28	6♓ 1	28°16	7°36	23° 3	12°39	21° 6	11°43	16° 1	18°35	9°D16	10° 5	15°30	n.a.	W18
T 19	21 42 2	24°19'27	17°49	29°50	8°43	23°49	12°36	21° 5	11°40	16° 0	18°37	9°16	10° 2	15°36	n.a.	T 19
F 20	21 45 58	25°20'29	29°36	1♍24	9°50	24°35	12°33	21° 4	11°38	16° 0	18°39	9°17	9°59	15°43	n.a.	F 20
S 21	21 49 55	26°21'31	11♈25	2°58	10°57	25°21	12°29	21° 3	11°36	15°59	18°41	9°18	9°56	15°50	n.a.	S 21
S 22	21 53 51	27°22'36	23°18	4°32	12° 4	26° 8	12°25	21° 3	11°33	15°58	18°43	9°19	9°52	15°56	n.a.	S 22
M23	21 57 48	28°23'41	5♉21	6° 5	13°12	26°54	12°21	21° 2	11°31	15°57	18°45	9°20	9°49	16° 3	n.a.	M23
T 24	22 1 44	29°24'48	17°37	7°38	14°20	27°40	12°17	21° 2	11°28	15°56	18°47	9°21	9°46	16° 9	n.a.	T 24
W25	22 5 41	0♍25'57	0♊10	9°11	15°28	28°27	12°13	21° 2	11°26	15°55	18°49	9°R21	9°43	16°16	n.a.	W25
T 26	22 9 37	1°27'07	13° 5	10°44	16°37	29°13	12° 8	21°D 2	11°23	15°53	18°50	9°21	9°40	16°23	n.a.	T 26
F 27	22 13 34	2°28'19	26°26	12°17	17°45	29°59	12° 4	21° 2	11°21	15°52	18°52	9°20	9°37	16°29	n.a.	F 27
S 28	22 17 31	3°29'32	10♋14	13°50	18°54	0♎46	11°59	21° 2	11°18	15°51	18°54	9°20	9°33	16°36	n.a.	S 28
S 29	22 21 27	4°30'46	24°29	15°22	20° 3	1°33	11°54	21° 2	11°16	15°50	18°56	9°19	9°30	16°43	n.a.	S 29
M30	22 25 24	5♍32'01	9♌ 9	16♍55	21♋12	2♎20	11♈49	21♐ 3	11♓13	15♈49	18♋58	9♓19	9♓27	16♓49	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n17	27n11	4n10	22n 0	1n30	21n51	1s50	7n58	0s 3	4n19	1s 4	25s 8	1s17	7s52	0s48	4n54	1s48	39n13	16n32	8s10	7s39	6s24		n.a.
M 2	19 1	23 35	3 14	21 32	1 26	22 2	1 44	7 40	0 3	4 19	1 4	25 7	1 17	7 53	0 48	4 53	1 48	39 13	16 32	8 11	7 40	6 21		n.a.
T 3	18 45	18 23	2 4	21 4	1 21	22 13	1 38	7 21	0 4	4 19	1 4	25 7	1 17	7 53	0 48	4 53	1 48	39 13	16 32	8 13	7 42	6 17		n.a.
W 4	18 29	12 3	0 45	20 34	1 16	22 23	1 32	7 3	0 5	4 19	1 4	25 7	1 17	7 54	0 48	4 53	1 48	39 13	16 32	8 13	7 43	6 14		n.a.
T 5	18 12	5 4	0s36	20 3	1 10	22 32	1 26	6 44	0 6	4 19	1 4	25 7	1 17	7 55	0 48	4 53	1 48	39 13	16 33	8 13	7 44	6 10		n.a.
F 6	17 55	2s 7	1 55	19 32	1 5	22 41	1 20	6 25	0 7	4 19	1 4	25 7	1 17	7 56	0 48	4 53	1 48	39 13	16 33	8 13	7 45	6 7		n.a.
S 7	17 38	9 2	3 4	18 59	0 59	22 49	1 14	6 6	0 7	4 18	1 4	25 7	1 17	7 57	0 48	4 52	1 48	39 12	16 33	8 12	7 46	6 4		n.a.
S 8	17 20	15 21	4 1	18 26	0 54	22 57	1 8	5 48	0 8	4 18	1 4	25 6	1 17	7 58	0 48	4 52	1 48	39 12	16 33	8 12	7 48	6 0		n.a.
M 9	17 2	20 45	4 42	17 52	0 48	23 4	1 2	5 29	0 9	4 17	1 4	25 6	1 17	7 58	0 48	4 52	1 48	39 12	16 34	8 12	7 49	5 57		n.a.
T 10	16 44	24 57	5 7	17 17	0 42	23 10	0 57	5 10	0 10	4 17	1 4	25 6	1 17	7 59	0 48	4 51	1 48	39 12	16 34	8 12	7 50	5 53		n.a.
W11	16 26	27 45	5 15	16 42	0 36	23 16	0 51	4 51	0 10	4 16	1 4	25 6	1 17	8 0	0 48	4 51	1 48	39 12	16 34	8 12	7 51	5 50		n.a.
T 12	16 7	29 1	5 6	16 6	0 30	23 22	0 45	4 32	0 11	4 15	1 4	25 6	1 17	8 1	0 48	4 51	1 48	39 12	16 34	8 13	7 53	5 46		n.a.
F 13	15 48	28 43	4 43	15 29	0 24	23 26	0 40	4 12	0 12	4 14	1 4	25 6	1 17	8 2	0 48	4 51	1 48	39 12	16 35	8 15	7 54	5 43		n.a.
S 14	15 28	26 58	4 7	14 51	0 17	23 30	0 34	3 53	0 13	4 13	1 5	25 6	1 17	8 3	0 48	4 50	1 48	39 12	16 35	8 16	7 55	5 40		n.a.
S 15	15 8	23 57	3 20	14 14	0 11	23 34	0 29	3 34	0 14	4 12	1 5	25 5	1 17	8 4	0 48	4 50	1 48	39 12	16 35	8 17	7 56	5 36		n.a.
M16	14 49	19 55	2 24	13 35	0 5	23 37	0 24	3 14	0 14	4 11	1 5	25 5	1 17	8 5	0 48	4 50	1 49	39 12	16 36	8 18	7 58	5 33		n.a.
T 17	14 28	15 8	1 23	12 56	0s 2	23 39	0 18	2 55	0 15	4 10	1 5	25 5	1 17	8 6	0 48	4 49	1 49	39 12	16 36	8 19	7 59	5 29		n.a.
W18	14 8	9 50	0 18	12 17	0 8	23 40	0 13	2 36	0 16	4 9	1 5	25 5	1 17	8 6	0 48	4 49	1 49	39 12	16 36	8 19	8 0	5 26		n.a.
T 19	13 47	4 13	0n47	11 37	0 14	23 41	0 8	2 16	0 17	4 8	1 5	25 5	1 17	8 7	0 48	4 48	1 49	39 12	16 37	8 19	8 1	5 22		n.a.
F 20	13 26	1n31	1 50	10 57	0 21	23 41	0 3	1 57	0 17	4 6	1 5	25 5	1 17	8 8	0 48	4 48	1 49	39 12	16 37	8 19	8 3	5 19		n.a.
S 21	13 5	7 13	2 49	10 17	0 27	23 41	0n 2	1 37	0 18	4 5	1 5	25 5	1 17	8 9	0 48	4 48	1 49	39 12	16 37	8 18	8 4	5 15		n.a.
S 22	12 43	12 42	3 41	9 36	0 33	23 40	0 6	1 18	0 19	4 3	1 5	25 5	1 17	8 10	0 48	4 47	1 49	39 12	16 38	8 18	8 5	5 12		n.a.
M23	12 22	17 48	4 24	8 56	0 40	23 38	0 11	0 58	0 20	4 2	1 5	25 5	1 17	8 11	0 48	4 47	1 49	39 12	16 38	8 17	8 6	5 8		n.a.
T 24	12 0	22 16	4 55	8 14	0 46	23 35	0 16	0 38	0 20	4 0	1 5	25 5	1 16	8 12	0 48	4 46	1 49	39 12	16 38	8 17	8 7	5 5		n.a.
W25	11 38	25 51	5 14	7 33	0 52	23 32	0 20	0 19	0 21	3 58	1 5	25 5	1 16	8 13	0 48	4 46	1 49	39 12	16 39	8 17	8 9	5 2		n.a.
T 26	11 16	28 15	5 17	6 51	0 58	23 28	0 25	0s 1	0 22	3 56	1 5	25 5	1 16	8 14	0 48	4 45	1 49	39 12	16 39	8 17	8 10	4 58		n.a.
F 27	10 53	29 8	5 4	6 10	1 4	23 23	0 29	0 20	0 22	3 54	1 5	25 4	1 16	8 15	0 48	4 45	1 49	39 12	16 40	8 17	8 11	4 55		n.a.
S 28	10 30	28 15	4 33	5 28	1 10	23 18	0 33	0 40	0 23	3 53	1 5	25 4	1 16	8 16	0 48	4 44	1 49	39 12	16 40	8 18	8 12	4 51		n.a.
S 29	10 8	25 30	3 44	4 46	1 16	23 11	0 37	1 0	0 24	3 50	1 5	25 4	1 16	8 17	0 48	4 44	1 49	39 12	16 40	8 18	8 14	4 48		n.a.
M30	9n45	21n 2	2n40	4n 4	1s21	23n 5	0n42	1s20	0s25	3n48	1s 5	25s 4	1s16	8s18	0s48	4n43	1s49	39n13	16n41	8s18	8s15	4s44		n.a.

Julian Day Number = 190538.5, Delta T = 32h28m50s
Ecliptic obliquity = 24°07'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'12, Lahiri = -61°32'11 Julian Calendar 1 Sept. 4192 BCE == Greg. Calendar 30 July 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

OCTOBER 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 29 20	6♍33'17	24♌ 9	18♍27	22♋21	3♎ 6	11°R43	21♐ 3	11°R11	15°R48	18♋59	9°R18	9♓24	16♓56	n.a.	T 1
W 2	22 33 17	7°34'34	9♍20	19°59	23°31	3°53	11♈38	21° 4	11♓ 8	15♈46	19° 1	9°D18	9°21	17° 3	n.a.	W 2
T 3	22 37 13	8°35'52	24°33	21°31	24°41	4°40	11°32	21° 4	11° 6	15°45	19° 3	9♓18	9°17	17° 9	n.a.	T 3
F 4	22 41 10	9°37'11	9♎38	23° 3	25°51	5°26	11°26	21° 5	11° 3	15°44	19° 5	9°R18	9°14	17°16	n.a.	F 4
S 5	22 45 6	10°38'30	24°27	24°34	27° 1	6°13	11°20	21° 6	11° 0	15°42	19° 6	9°18	9°11	17°23	n.a.	S 5
S 6	22 49 3	11°39'50	8♏54	26° 5	28°11	7° 0	11°14	21° 7	10°58	15°41	19° 8	9°18	9° 8	17°29	n.a.	S 6
M 7	22 53 0	12°41'10	22°55	27°36	29°21	7°47	11° 8	21° 8	10°55	15°40	19°10	9°18	9° 5	17°36	n.a.	M 7
T 8	22 56 56	13°42'31	6♐29	29° 7	0♌31	8°34	11° 1	21°10	10°53	15°38	19°11	9°18	9° 2	17°43	n.a.	T 8
W 9	23 0 53	14°43'52	19°39	0♎36	1°42	9°21	10°55	21°11	10°50	15°37	19°13	9°D18	8°58	17°49	n.a.	W 9
T 10	23 4 49	15°45'14	2♑26	2° 6	2°53	10° 8	10°48	21°13	10°48	15°36	19°14	9°18	8°55	17°56	n.a.	T 10
F 11	23 8 46	16°46'35	14°55	3°34	4° 4	10°54	10°41	21°14	10°45	15°34	19°16	9°18	8°52	18° 3	n.a.	F 11
S 12	23 12 42	17°47'57	27° 9	5° 2	5°15	11°41	10°34	21°16	10°43	15°33	19°17	9°19	8°49	18° 9	n.a.	S 12
S 13	23 16 39	18°49'19	9♒11	6°28	6°26	12°28	10°27	21°18	10°40	15°31	19°19	9°20	8°46	18°16	n.a.	S 13
M14	23 20 36	19°50'41	21° 6	7°54	7°37	13°15	10°20	21°20	10°38	15°30	19°20	9°21	8°42	18°22	n.a.	M14
T 15	23 24 32	20°52'04	2♓56	9°18	8°48	14° 2	10°13	21°22	10°35	15°28	19°21	9°22	8°39	18°29	n.a.	T 15
W16	23 28 29	21°53'26	14°44	10°40	10° 0	14°49	10° 6	21°24	10°33	15°27	19°23	9°R22	8°36	18°36	n.a.	W16
T 17	23 32 25	22°54'49	26°32	12° 0	11°11	15°36	9°58	21°26	10°30	15°25	19°24	9°21	8°33	18°42	n.a.	T 17
F 18	23 36 22	23°56'12	8♈23	13°18	12°23	16°24	9°51	21°28	10°28	15°24	19°25	9°20	8°30	18°49	n.a.	F 18
S 19	23 40 18	24°57'35	20°17	14°32	13°35	17°11	9°43	21°31	10°25	15°22	19°27	9°17	8°27	18°56	n.a.	S 19
S 20	23 44 15	25°58'59	2♉17	15°44	14°47	17°58	9°35	21°33	10°23	15°20	19°28	9°15	8°23	19° 2	n.a.	S 20
M21	23 48 12	27° 0'23	14°26	16°52	15°59	18°45	9°28	21°36	10°20	15°19	19°29	9°12	8°20	19° 9	n.a.	M21
T 22	23 52 8	28° 1'47	26°47	17°55	17°11	19°32	9°20	21°39	10°18	15°17	19°30	9° 9	8°17	19°16	n.a.	T 22
W23	23 56 5	29° 3'11	9♊21	18°53	18°23	20°19	9°12	21°42	10°16	15°16	19°31	9° 7	8°14	19°22	n.a.	W23
T 24	0 0 1	0♎ 4'36	22°13	19°46	19°35	21° 6	9° 4	21°45	10°13	15°14	19°33	9° 6	8°11	19°29	n.a.	T 24
F 25	0 3 58	1° 6'01	5♋25	20°31	20°48	21°53	8°56	21°48	10°11	15°12	19°34	9°D 6	8° 8	19°36	n.a.	F 25
S 26	0 7 54	2° 7'26	19° 0	21° 9	22° 0	22°41	8°48	21°51	10° 9	15°11	19°35	9° 7	8° 4	19°42	n.a.	S 26
S 27	0 11 51	3° 8'51	2♌59	21°39	23°12	23°28	8°40	21°54	10° 6	15° 9	19°36	9° 8	8° 1	19°49	n.a.	S 27
M28	0 15 48	4°10'16	17°23	21°59	24°25	24°15	8°32	21°58	10° 4	15° 7	19°37	9°10	7°58	19°56	n.a.	M28
T 29	0 19 44	5°11'42	2♍ 9	22°R 9	25°38	25° 2	8°24	22° 1	10° 2	15° 6	19°38	9°R11	7°55	20° 2	n.a.	T 29
W30	0 23 41	6°13'07	17°11	22° 8	26°50	25°49	8°16	22° 5	10° 0	15° 4	19°39	9°10	7°52	20° 9	n.a.	W30
T 31	0 27 37	7♎14'31	2♎23	21♎55	28♌ 3	26♎37	8♈ 7	22♐ 8	9♓57	15♈ 2	19♋39	9♓ 9	7♓48	20♓15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9n21	15n 9	1n23	3n22	1s27	22n57	0n45	1s39	0s25	3n46	1s 5	25s 4	1s16	8s19	0s48	4n43	1s49	39n13	16n41	8s18	8s16	4s41			n.a.
W 2	8 58	8 17	0s 0	2 40	1 32	22 49	0 49	1 59	0 26	3 44	1 5	25 4	1 16	8 20	0 48	4 42	1 49	39 13	16 42	8 18	8 17	4 37			n.a.
T 3	8 34	0 57	1 24	1 59	1 37	22 40	0 53	2 19	0 27	3 42	1 5	25 4	1 16	8 21	0 48	4 42	1 49	39 13	16 42	8 18	8 19	4 34			n.a.
F 4	8 11	6s22	2 41	1 17	1 42	22 30	0 57	2 38	0 27	3 39	1 5	25 4	1 16	8 22	0 48	4 41	1 49	39 13	16 43	8 18	8 20	4 30			n.a.
S 5	7 47	13 13	3 46	0 35	1 47	22 20	1 0	2 58	0 28	3 37	1 5	25 4	1 16	8 23	0 48	4 41	1 49	39 13	16 43	8 18	8 21	4 27			n.a.
S 6	7 23	19 11	4 34	0s 6	1 51	22 9	1 4	3 18	0 29	3 35	1 5	25 4	1 16	8 24	0 48	4 40	1 49	39 14	16 43	8 18	8 22	4 24			n.a.
M 7	6 59	23 55	5 5	0 47	1 55	21 58	1 7	3 37	0 30	3 32	1 5	25 4	1 16	8 25	0 48	4 40	1 49	39 14	16 44	8 18	8 23	4 20			n.a.
T 8	6 35	27 13	5 17	1 27	1 59	21 45	1 10	3 57	0 30	3 30	1 5	25 4	1 16	8 26	0 48	4 39	1 49	39 14	16 44	8 18	8 25	4 17			n.a.
W 9	6 11	28 54	5 13	2 7	2 3	21 32	1 14	4 16	0 31	3 27	1 5	25 5	1 16	8 27	0 48	4 39	1 49	39 14	16 45	8 18	8 26	4 13			n.a.
T 10	5 46	28 58	4 52	2 46	2 6	21 19	1 17	4 36	0 32	3 24	1 5	25 5	1 16	8 28	0 48	4 38	1 49	39 14	16 45	8 18	8 27	4 10			n.a.
F 11	5 22	27 32	4 19	3 25	2 9	21 4	1 20	4 56	0 32	3 22	1 5	25 5	1 16	8 29	0 48	4 37	1 49	39 15	16 46	8 18	8 28	4 6			n.a.
S 12	4 57	24 49	3 34	4 3	2 11	20 50	1 22	5 15	0 33	3 19	1 4	25 5	1 16	8 30	0 48	4 37	1 49	39 15	16 46	8 18	8 30	4 3			n.a.
S 13	4 33	21 2	2 40	4 40	2 13	20 34	1 25	5 34	0 34	3 16	1 4	25 5	1 16	8 31	0 48	4 36	1 49	39 15	16 47	8 17	8 31	3 59			n.a.
M14	4 8	16 26	1 40	5 16	2 14	20 18	1 28	5 54	0 34	3 13	1 4	25 5	1 15	8 32	0 48	4 36	1 49	39 15	16 47	8 17	8 32	3 56			n.a.
T 15	3 43	11 16	0 36	5 51	2 15	20 1	1 30	6 13	0 35	3 11	1 4	25 5	1 15	8 33	0 48	4 35	1 49	39 16	16 48	8 17	8 33	3 52			n.a.
W16	3 18	5 43	0n30	6 24	2 16	19 44	1 33	6 33	0 35	3 8	1 4	25 5	1 15	8 34	0 48	4 34	1 49	39 16	16 48	8 17	8 34	3 49			n.a.
T 17	2 53	0n 1	1 34	6 56	2 15	19 26	1 35	6 52	0 36	3 5	1 4	25 5	1 15	8 35	0 48	4 34	1 49	39 16	16 49	8 17	8 36	3 45			n.a.
F 18	2 28	5 45	2 34	7 26	2 14	19 7	1 37	7 11	0 37	3 2	1 4	25 5	1 15	8 36	0 48	4 33	1 49	39 16	16 49	8 18	8 37	3 42			n.a.
S 19	2 3	11 20	3 28	7 54	2 12	18 48	1 39	7 30	0 37	2 59	1 4	25 5	1 15	8 37	0 48	4 32	1 49	39 17	16 50	8 18	8 38	3 38			n.a.
S 20	1 38	16 32	4 13	8 20	2 9	18 28	1 41	7 49	0 38	2 56	1 4	25 5	1 15	8 38	0 48	4 32	1 49	39 17	16 50	8 20	8 39	3 35			n.a.
M21	1 13	21 10	4 47	8 44	2 5	18 8	1 43	8 8	0 39	2 53	1 4	25 6	1 15	8 38	0 48	4 31	1 50	39 17	16 51	8 21	8 41	3 32			n.a.
T 22	0 48	24 58	5 8	9 4	2 1	17 47	1 45	8 27	0 39	2 50	1 4	25 6	1 15	8 39	0 48	4 31	1 50	39 18	16 52	8 22	8 42	3 28			n.a.
W23	0 23	27 40	5 15	9 22	1 55	17 26	1 47	8 46	0 40	2 47	1 4	25 6	1 15	8 40	0 48	4 30	1 50	39 18	16 52	8 22	8 43	3 25			n.a.
T 24	0s 2	29 0	5 7	9 36	1 48	17 4	1 48	9 5	0 40	2 43	1 3	25 6	1 15	8 41	0 48	4 29	1 50	39 18	16 53	8 23	8 44	3 21			n.a.
F 25	0 27	28 43	4 43	9 46	1 39	16 42	1 50	9 24	0 41	2 40	1 3	25 6	1 15	8 42	0 48	4 29	1 50	39 19	16 53	8 23	8 45	3 18			n.a.
S 26	0 52	26 43	4 2	9 52	1 30	16 19	1 51	9 42	0 42	2 37	1 3	25 6	1 15	8 43	0 48	4 28	1 50	39 19	16 54	8 23	8 47	3 14			n.a.
S 27	1 17	23 4	3 6	9 53	1 19	15 56	1 53	10 1	0 42	2 34	1 3	25 6	1 15	8 44	0 48	4 27	1 50	39 20	16 54	8 22	8 48	3 11			n.a.
M28	1 42	17 55	1 57	9 49	1 6	15 32	1 54	10 19	0 43	2 31	1 3	25 7	1 15	8 45	0 48	4 27	1 50	39 20	16 55	8 22	8 49	3 7			n.a.
T 29	2 7	11 36	0 39	9 40	0 52	15 8	1 55	10 38	0 43	2 28	1 3	25 7	1 15	8 46	0 48	4 26	1 50	39 20	16 55	8 21	8 50	3 4			n.a.
W30	2 32	4 32	0s44	9 25	0 37	14 43	1 56	10 56	0 44	2 25	1 3	25 7	1 15	8 46	0 48	4 25	1 50	39 21	16 56	8 21	8 52	3 0			n.a.
T 31	2s57	2s51	2s 4	9s 5	0s20	14n18	1n57	11s14	0s44	2n21	1s 3	25s 7	1s15	8s47	0s48	4n25	1s50	39n21	16n57	8s22	8s53	2s57			n.a.

Julian Day Number = 190568.5, Delta T = 32h28m47s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'08, Lahiri = -61°32'07 Julian Calendar 1 Oct. 4192 BCE == Greg. Calendar 29 Aug. 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

NOVEMBER 4192 BCE (-4191) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 31 34	8♎15'56	17♎33	21°R31	29♌16	27♎24	7°R59	22♐12	9°R55	15°R 1	19♋40	9°R 6	7♓45	20♓22	n.a.	F 1
S 2	0 35 31	9°17'20	2♏33	20♎54	0♍29	28°11	7♈51	22°16	9♓53	14♈59	19°41	9♓ 2	7°42	20°29	n.a.	S 2
S 3	0 39 27	10°18'43	17°13	20° 7	1°42	28°59	7°43	22°20	9°51	14°57	19°42	8°57	7°39	20°35	n.a.	S 3
M 4	0 43 24	11°20'06	1♐28	19° 9	2°55	29°46	7°35	22°24	9°49	14°56	19°43	8°52	7°36	20°42	n.a.	M 4
T 5	0 47 20	12°21'28	15°15	18° 3	4° 8	0♏33	7°27	22°28	9°47	14°54	19°43	8°48	7°33	20°49	n.a.	T 5
W 6	0 51 17	13°22'49	28°32	16°50	5°21	1°20	7°19	22°32	9°45	14°52	19°44	8°45	7°29	20°55	n.a.	W 6
T 7	0 55 13	14°24'09	11♑23	15°32	6°34	2° 8	7°11	22°37	9°43	14°51	19°45	8°D44	7°26	21° 2	n.a.	T 7
F 8	0 59 10	15°25'28	23°52	14°12	7°47	2°55	7° 3	22°41	9°41	14°49	19°45	8°45	7°23	21° 9	n.a.	F 8
S 9	1 3 7	16°26'47	6♒ 3	12°54	9° 1	3°42	6°55	22°46	9°39	14°47	19°46	8°46	7°20	21°15	n.a.	S 9
S 10	1 7 3	17°28'04	18° 1	11°38	10°14	4°29	6°47	22°50	9°37	14°45	19°46	8°48	7°17	21°22	n.a.	S 10
M11	1 11 0	18°29'20	29°51	10°27	11°27	5°17	6°39	22°55	9°35	14°44	19°47	8°49	7°14	21°29	n.a.	M11
T 12	1 14 56	19°30'35	11♓37	9°23	12°41	6° 4	6°31	23° 0	9°34	14°42	19°47	8°R50	7°10	21°35	n.a.	T 12
W13	1 18 53	20°31'49	23°24	8°27	13°54	6°51	6°24	23° 5	9°32	14°40	19°48	8°48	7° 7	21°42	n.a.	W13
T 14	1 22 49	21°33'02	5♈14	7°41	15° 7	7°38	6°16	23°10	9°30	14°39	19°48	8°45	7° 4	21°49	n.a.	T 14
F 15	1 26 46	22°34'14	17°11	7° 3	16°21	8°26	6° 8	23°15	9°28	14°37	19°48	8°39	7° 1	21°55	n.a.	F 15
S 16	1 30 43	23°35'24	29°14	6°35	17°34	9°13	6° 1	23°20	9°27	14°35	19°49	8°32	6°58	22° 2	n.a.	S 16
S 17	1 34 39	24°36'34	11♉27	6°17	18°48	10° 0	5°54	23°25	9°25	14°34	19°49	8°23	6°54	22° 9	n.a.	S 17
M18	1 38 36	25°37'43	23°50	6° 7	20° 1	10°47	5°46	23°30	9°24	14°32	19°49	8°14	6°51	22°15	n.a.	M18
T 19	1 42 32	26°38'51	6♊23	6°D 6	21°15	11°34	5°39	23°35	9°22	14°30	19°49	8° 5	6°48	22°22	n.a.	T 19
W20	1 46 29	27°39'58	19° 9	6°13	22°28	12°22	5°32	23°41	9°21	14°29	19°50	7°57	6°45	22°28	n.a.	W20
T 21	1 50 25	28°41'05	2♋ 7	6°28	23°42	13° 9	5°25	23°46	9°19	14°27	19°50	7°52	6°42	22°35	n.a.	T 21
F 22	1 54 22	29°42'10	15°20	6°49	24°56	13°56	5°18	23°52	9°18	14°25	19°50	7°49	6°39	22°42	n.a.	F 22
S 23	1 58 19	0♏43'14	28°49	7°16	26° 9	14°43	5°12	23°57	9°16	14°24	19°50	7°D47	6°35	22°48	n.a.	S 23
S 24	2 2 15	1°44'17	12♌36	7°49	27°23	15°30	5° 5	24° 3	9°15	14°22	19°R50	7°48	6°32	22°55	n.a.	S 24
M25	2 6 12	2°45'19	26°42	8°27	28°37	16°18	4°59	24° 9	9°14	14°20	19°50	7°49	6°29	23° 2	n.a.	M25
T 26	2 10 8	3°46'20	11♍ 7	9°10	29°50	17° 5	4°52	24°15	9°13	14°19	19°50	7°R49	6°26	23° 8	n.a.	T 26
W27	2 14 5	4°47'20	25°47	9°57	1♎ 4	17°52	4°46	24°21	9°12	14°17	19°50	7°48	6°23	23°15	n.a.	W27
T 28	2 18 2	5°48'18	10♎39	10°48	2°18	18°39	4°40	24°26	9°10	14°16	19°50	7°44	6°19	23°22	n.a.	T 28
F 29	2 21 58	6°49'16	25°35	11°42	3°31	19°26	4°34	24°33	9° 9	14°14	19°49	7°37	6°16	23°28	n.a.	F 29
S 30	2 25 55	7♏50'11	10♏27	12♎39	4♎45	20♏13	4♈28	24♐39	9♓ 8	14♈13	19♋49	7♓29	6♓13	23♓35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3 s22	10 s 4	3 s15	8 s39	0 s 2	13n53	1n57	11 s32	0 s45	2n18	1 s 2	25 s 7	1 s15	8 s48	0 s48	4n24	1 s50	39n22	16n57	8 s23	8 s54	2 s53		n.a.
S 2	3 47	16 37	4 12	8 7	0n17	13 27	1 58	11 50	0 45	2 15	1 2	25 8	1 15	8 49	0 48	4 23	1 50	39 22	16 58	8 25	8 55	2 50		n.a.
S 3	4 12	22 5	4 51	7 31	0 37	13 1	1 59	12 8	0 46	2 12	1 2	25 8	1 15	8 50	0 48	4 23	1 50	39 22	16 58	8 26	8 56	2 46		n.a.
M 4	4 36	26 5	5 10	6 50	0 57	12 34	1 59	12 26	0 47	2 9	1 2	25 8	1 14	8 50	0 48	4 22	1 50	39 23	16 59	8 28	8 58	2 43		n.a.
T 5	5 1	28 25	5 11	6 6	1 17	12 7	2 0	12 43	0 47	2 6	1 2	25 8	1 14	8 51	0 48	4 21	1 50	39 23	17 0	8 30	8 59	2 39		n.a.
W 6	5 26	29 1	4 54	5 19	1 36	11 40	2 0	13 1	0 48	2 3	1 2	25 8	1 14	8 52	0 48	4 21	1 50	39 24	17 0	8 31	9 0	2 36		n.a.
T 7	5 50	27 59	4 23	4 31	1 55	11 12	2 0	13 18	0 48	2 0	1 1	25 9	1 14	8 53	0 48	4 20	1 50	39 24	17 1	8 31	9 1	2 33		n.a.
F 8	6 14	25 34	3 41	3 44	2 12	10 44	2 0	13 35	0 49	1 56	1 1	25 9	1 14	8 53	0 48	4 19	1 50	39 25	17 1	8 31	9 2	2 29		n.a.
S 9	6 39	22 1	2 49	2 58	2 28	10 16	2 0	13 52	0 49	1 53	1 1	25 9	1 14	8 54	0 48	4 19	1 50	39 25	17 2	8 31	9 4	2 26		n.a.
S 10	7 3	17 37	1 51	2 16	2 41	9 47	2 0	14 9	0 50	1 50	1 1	25 9	1 14	8 55	0 48	4 18	1 49	39 26	17 2	8 30	9 5	2 22		n.a.
M11	7 27	12 36	0 49	1 37	2 53	9 18	2 0	14 26	0 50	1 47	1 1	25 9	1 14	8 55	0 48	4 17	1 49	39 26	17 3	8 29	9 6	2 19		n.a.
T 12	7 51	7 10	0n15	1 3	3 2	8 49	2 0	14 43	0 51	1 44	1 0	25 10	1 14	8 56	0 48	4 17	1 49	39 27	17 4	8 29	9 7	2 15		n.a.
W13	8 14	1 30	1 18	0 34	3 9	8 20	1 59	14 59	0 51	1 41	1 0	25 10	1 14	8 57	0 48	4 16	1 49	39 27	17 4	8 30	9 9	2 12		n.a.
T 14	8 38	4n15	2 18	0 11	3 14	7 50	1 59	15 16	0 52	1 39	1 0	25 10	1 14	8 57	0 48	4 15	1 49	39 28	17 5	8 31	9 10	2 8		n.a.
F 15	9 1	9 53	3 13	0n 7	3 16	7 20	1 58	15 32	0 52	1 36	1 0	25 10	1 14	8 58	0 47	4 15	1 49	39 28	17 5	8 33	9 11	2 5		n.a.
S 16	9 25	15 13	3 59	0 19	3 18	6 50	1 58	15 48	0 52	1 33	1 0	25 11	1 14	8 59	0 47	4 14	1 49	39 29	17 6	8 36	9 12	2 1		n.a.
S 17	9 48	20 1	4 34	0 26	3 17	6 20	1 57	16 4	0 53	1 30	0 59	25 11	1 14	8 59	0 47	4 13	1 49	39 29	17 7	8 39	9 13	1 58		n.a.
M18	10 11	24 3	4 57	0 28	3 15	5 50	1 56	16 19	0 53	1 27	0 59	25 11	1 14	9 0	0 47	4 13	1 49	39 30	17 7	8 43	9 15	1 54		n.a.
T 19	10 34	27 1	5 7	0 26	3 12	5 19	1 55	16 35	0 54	1 25	0 59	25 11	1 14	9 0	0 47	4 12	1 49	39 31	17 8	8 46	9 16	1 51		n.a.
W20	10 56	28 40	5 1	0 19	3 8	4 48	1 54	16 50	0 54	1 22	0 59	25 12	1 14	9 1	0 47	4 11	1 49	39 31	17 8	8 49	9 17	1 47		n.a.
T 21	11 19	28 46	4 40	0 9	3 3	4 18	1 53	17 6	0 55	1 19	0 58	25 12	1 14	9 1	0 47	4 11	1 49	39 32	17 9	8 51	9 18	1 44		n.a.
F 22	11 41	27 15	4 4	0 s 5	2 57	3 47	1 52	17 21	0 55	1 17	0 58	25 12	1 14	9 2	0 47	4 10	1 49	39 32	17 10	8 53	9 19	1 40		n.a.
S 23	12 3	24 8	3 14	0 22	2 51	3 15	1 51	17 35	0 55	1 14	0 58	25 12	1 14	9 2	0 47	4 10	1 49	39 33	17 10	8 53	9 21	1 37		n.a.
S 24	12 25	19 36	2 11	0 42	2 44	2 44	1 50	17 50	0 56	1 12	0 58	25 13	1 14	9 3	0 47	4 9	1 49	39 33	17 11	8 53	9 22	1 33		n.a.
M25	12 46	13 53	0 59	1 4	2 36	2 13	1 48	18 5	0 56	1 9	0 57	25 13	1 14	9 3	0 47	4 8	1 49	39 34	17 11	8 53	9 23	1 30		n.a.
T 26	13 8	7 20	0 s18	1 28	2 29	1 42	1 47	18 19	0 57	1 7	0 57	25 13	1 14	9 4	0 47	4 8	1 49	39 35	17 12	8 53	9 24	1 27		n.a.
W27	13 29	0 17	1 35	1 54	2 21	1 10	1 45	18 33	0 57	1 5	0 57	25 13	1 14	9 4	0 47	4 7	1 49	39 35	17 13	8 53	9 25	1 23		n.a.
T 28	13 50	6 s52	2 46	2 22	2 12	0 39	1 44	18 47	0 57	1 3	0 57	25 14	1 14	9 5	0 47	4 7	1 49	39 36	17 13	8 54	9 27	1 20		n.a.
F 29	14 10	13 40	3 47	2 52	2 4	0 7	1 42	19 1	0 58	1 0	0 56	25 14	1 14	9 5	0 47	4 6	1 49	39 36	17 14	8 57	9 28	1 16		n.a.
S 30	14 s31	19 s38	4 s31	3 s22	1n55	0 s24	1n41	19 s14	0 s58	0n58	0 s56	25 s14	1 s14	9 s 5	0 s47	4n 5	1 s49	39n37	17n14	9 s 0	9 s29	1 s13		n.a.

Julian Day Number = 190599.5, Delta T = 32h28m44s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'04, Lahiri = -61°32'03 Julian Calendar 1 Nov. 4192 BCE == Greg. Calendar 29 Sept. 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4192 BCE
geocentric

DECEMBER 4192 BCE (-4191) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 29 51	8♏51'06	25♏ 5	13♎40	5♎59	21♏ 0	4°R23	24♐45	9°R 7	14°R11	19°R49	7°R19	6♓10	23♓42	n.a.	S 1
M 2	2 33 48	9°51'59	9♐23	14°43	7°13	21°47	4♈17	24°51	9♓ 7	14♈10	19♋49	7♓ 8	6° 7	23°48	n.a.	M 2
T 3	2 37 44	10°52'50	23°14	15°48	8°27	22°34	4°12	24°57	9° 6	14° 8	19°49	6°59	6° 4	23°55	n.a.	T 3
W 4	2 41 41	11°53'39	6♑39	16°56	9°40	23°21	4° 7	25° 4	9° 5	14° 7	19°48	6°51	6° 0	24° 2	n.a.	W 4
T 5	2 45 38	12°54'26	19°36	18° 5	10°54	24° 8	4° 2	25°10	9° 4	14° 5	19°48	6°46	5°57	24° 8	n.a.	T 5
F 6	2 49 34	13°55'11	2♒ 8	19°17	12° 8	24°55	3°57	25°16	9° 3	14° 4	19°47	6°44	5°54	24°15	n.a.	F 6
S 7	2 53 31	14°55'55	14°22	20°30	13°22	25°42	3°53	25°23	9° 3	14° 2	19°47	6°D43	5°51	24°22	n.a.	S 7
S 8	2 57 27	15°56'36	26°20	21°45	14°35	26°29	3°48	25°30	9° 2	14° 1	19°47	6°43	5°48	24°28	n.a.	S 8
M 9	3 1 24	16°57'15	8♓10	23° 1	15°49	27°16	3°44	25°36	9° 2	14° 0	19°46	6°R43	5°45	24°35	n.a.	M 9
T 10	3 5 20	17°57'52	19°57	24°19	17° 3	28° 3	3°40	25°43	9° 1	13°58	19°46	6°43	5°41	24°42	n.a.	T 10
W11	3 9 17	18°58'27	1♈45	25°39	18°17	28°50	3°36	25°49	9° 1	13°57	19°45	6°40	5°38	24°48	n.a.	W11
T 12	3 13 14	19°59'00	13°39	26°59	19°30	29°36	3°32	25°56	9° 0	13°56	19°44	6°34	5°35	24°55	n.a.	T 12
F 13	3 17 10	20°59'31	25°42	28°21	20°44	0♐23	3°29	26° 3	9° 0	13°54	19°44	6°26	5°32	25° 2	n.a.	F 13
S 14	3 21 7	22° 0'00	7♉56	29°44	21°58	1°10	3°26	26°10	9° 0	13°53	19°43	6°15	5°29	25° 8	n.a.	S 14
S 15	3 25 3	23° 0'27	20°24	1♏ 8	23°12	1°57	3°23	26°17	8°59	13°52	19°42	6° 2	5°25	25°15	n.a.	S 15
M16	3 29 0	24° 0'53	3♊ 4	2°34	24°25	2°43	3°20	26°24	8°59	13°50	19°42	5°48	5°22	25°21	n.a.	M16
T 17	3 32 56	25° 1'16	15°57	4° 0	25°39	3°30	3°17	26°31	8°59	13°49	19°41	5°35	5°19	25°28	n.a.	T 17
W18	3 36 53	26° 1'37	29° 3	5°27	26°53	4°17	3°14	26°38	8°59	13°48	19°40	5°24	5°16	25°35	n.a.	W18
T 19	3 40 49	27° 1'57	12♋19	6°56	28° 7	5° 3	3°12	26°45	8°D59	13°47	19°39	5°15	5°13	25°41	n.a.	T 19
F 20	3 44 46	28° 2'15	25°45	8°26	29°20	5°50	3°10	26°52	8°59	13°46	19°39	5° 9	5°10	25°48	n.a.	F 20
S 21	3 48 43	29° 2'31	9♌22	9°56	0♏34	6°36	3° 8	26°59	8°59	13°45	19°38	5° 5	5° 6	25°55	n.a.	S 21
S 22	3 52 39	0♐ 2'45	23°10	11°28	1°48	7°23	3° 6	27° 6	8°59	13°44	19°37	5° 4	5° 3	26° 1	n.a.	S 22
M23	3 56 36	1° 2'57	7♍ 8	13° 0	3° 2	8° 9	3° 5	27°14	8°59	13°43	19°36	5° 4	5° 0	26° 8	n.a.	M23
T 24	4 0 32	2° 3'08	21°17	14°34	4°15	8°56	3° 3	27°21	9° 0	13°42	19°35	5° 4	4°57	26°15	n.a.	T 24
W25	4 4 29	3° 3'16	5♎36	16° 9	5°29	9°42	3° 2	27°28	9° 0	13°41	19°34	5° 2	4°54	26°21	n.a.	W25
T 26	4 8 25	4° 3'23	20° 3	17°44	6°43	10°29	3° 1	27°35	9° 0	13°40	19°33	4°57	4°51	26°28	n.a.	T 26
F 27	4 12 22	5° 3'28	4♏33	19°21	7°56	11°15	3° 0	27°43	9° 1	13°39	19°32	4°49	4°47	26°35	n.a.	F 27
S 28	4 16 18	6° 3'31	19° 0	20°59	9°10	12° 1	3° 0	27°50	9° 1	13°38	19°31	4°39	4°44	26°41	n.a.	S 28
S 29	4 20 15	7° 3'32	3♐19	22°38	10°24	12°48	2°59	27°58	9° 2	13°37	19°30	4°27	4°41	26°48	n.a.	S 29
M30	4 24 12	8° 3'31	17°23	24°17	11°38	13°34	2°D59	28° 5	9° 2	13°36	19°29	4°14	4°38	26°55	n.a.	M30
T 31	4 28 8	9♐ 3'27	1♑ 7	25♏58	12♏51	14♐20	2♈59	28♐13	9♓ 3	13♈35	19♋27	4♓ 2	4♓35	27♓ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	14s51	24s22	4s57	3s54	1n47	0s56	1n39	19s27	0s59	0n56	0s56	25s14	1s14	9s 6	0s47	4n 5	1s49	39n38	17n15	9s 4	9s30	1s 9			n.a.
M 2	15 11	27 29	5 3	4 27	1 38	1 28	1 37	19 40	0 59	0 54	0 56	25 15	1 14	9 6	0 47	4 4	1 49	39 38	17 16	9 8	9 31	1 6			n.a.
T 3	15 31	28 48	4 52	5 1	1 30	1 59	1 35	19 53	0 59	0 52	0 55	25 15	1 14	9 6	0 47	4 4	1 49	39 39	17 16	9 12	9 33	1 2			n.a.
W 4	15 50	28 21	4 24	5 36	1 21	2 31	1 34	20 6	1 0	0 51	0 55	25 15	1 14	9 6	0 47	4 3	1 49	39 39	17 17	9 15	9 34	0 59			n.a.
T 5	16 9	26 20	3 44	6 11	1 12	3 2	1 32	20 18	1 0	0 49	0 55	25 15	1 14	9 7	0 47	4 3	1 49	39 40	17 17	9 16	9 35	0 55			n.a.
F 6	16 28	23 3	2 53	6 47	1 4	3 33	1 30	20 31	1 0	0 47	0 54	25 16	1 14	9 7	0 47	4 2	1 49	39 41	17 18	9 17	9 36	0 52			n.a.
S 7	16 46	18 50	1 56	7 23	0 55	4 5	1 28	20 42	1 1	0 46	0 54	25 16	1 14	9 7	0 47	4 2	1 49	39 41	17 18	9 18	9 37	0 48			n.a.
S 8	17 5	13 57	0 55	7 59	0 47	4 36	1 25	20 54	1 1	0 44	0 54	25 16	1 14	9 7	0 47	4 1	1 49	39 42	17 19	9 18	9 39	0 45			n.a.
M 9	17 22	8 37	0n 8	8 36	0 38	5 7	1 23	21 6	1 1	0 43	0 54	25 16	1 14	9 8	0 47	4 1	1 49	39 43	17 19	9 18	9 40	0 41			n.a.
T 10	17 40	3 2	1 10	9 14	0 30	5 38	1 21	21 17	1 2	0 41	0 53	25 16	1 14	9 8	0 46	4 0	1 49	39 43	17 20	9 18	9 41	0 38			n.a.
W11	17 57	2n40	2 9	9 51	0 22	6 9	1 19	21 28	1 2	0 40	0 53	25 17	1 14	9 8	0 46	4 0	1 49	39 44	17 21	9 19	9 42	0 34			n.a.
T 12	18 14	8 19	3 3	10 28	0 14	6 40	1 17	21 39	1 2	0 39	0 53	25 17	1 14	9 8	0 46	3 59	1 49	39 44	17 21	9 21	9 43	0 31			n.a.
F 13	18 31	13 44	3 49	11 6	0 6	7 11	1 14	21 49	1 2	0 37	0 53	25 17	1 14	9 8	0 46	3 59	1 48	39 45	17 22	9 24	9 45	0 28			n.a.
S 14	18 47	18 43	4 25	11 43	0s 2	7 41	1 12	22 0	1 3	0 36	0 52	25 17	1 14	9 8	0 46	3 58	1 48	39 46	17 22	9 28	9 46	0 24			n.a.
S 15	19 3	22 59	4 49	12 21	0 10	8 11	1 10	22 10	1 3	0 35	0 52	25 18	1 14	9 8	0 46	3 58	1 48	39 46	17 23	9 33	9 47	0 21			n.a.
M16	19 18	26 16	5 0	12 58	0 17	8 41	1 7	22 20	1 3	0 34	0 52	25 18	1 14	9 8	0 46	3 57	1 48	39 47	17 23	9 38	9 48	0 17			n.a.
T 17	19 34	28 15	4 55	13 35	0 24	9 11	1 5	22 29	1 3	0 34	0 51	25 18	1 14	9 8	0 46	3 57	1 48	39 48	17 24	9 43	9 49	0 14			n.a.
W18	19 48	28 42	4 35	14 12	0 31	9 41	1 2	22 38	1 4	0 33	0 51	25 18	1 14	9 8	0 46	3 56	1 48	39 48	17 24	9 48	9 51	0 10			n.a.
T 19	20 3	27 31	4 0	14 49	0 38	10 10	1 0	22 48	1 4	0 32	0 51	25 18	1 14	9 8	0 46	3 56	1 48	39 49	17 25	9 51	9 52	0 7			n.a.
F 20	20 17	24 44	3 12	15 25	0 45	10 40	0 57	22 56	1 4	0 31	0 50	25 19	1 14	9 8	0 46	3 56	1 48	39 49	17 25	9 53	9 53	0 3			n.a.
S 21	20 31	20 31	2 11	16 1	0 51	11 9	0 55	23 5	1 4	0 31	0 50	25 19	1 14	9 8	0 46	3 55	1 48	39 50	17 26	9 55	9 54	0n 0			n.a.
S 22	20 44	15 10	1 3	16 36	0 57	11 37	0 52	23 13	1 5	0 30	0 50	25 19	1 14	9 8	0 46	3 55	1 48	39 51	17 26	9 55	9 55	0 4			n.a.
M23	20 57	8 58	0s11	17 11	1 3	12 6	0 50	23 21	1 5	0 30	0 50	25 19	1 14	9 8	0 46	3 54	1 48	39 51	17 27	9 55	9 57	0 7			n.a.
T 24	21 9	2 16	1 25	17 46	1 9	12 34	0 47	23 29	1 5	0 30	0 49	25 19	1 14	9 8	0 46	3 54	1 48	39 52	17 27	9 55	9 58	0 11			n.a.
W25	21 22	4s37	2 34	18 19	1 14	13 2	0 44	23 37	1 5	0 30	0 49	25 19	1 14	9 7	0 46	3 54	1 48	39 53	17 28	9 56	9 59	0 14			n.a.
T 26	21 33	11 20	3 33	18 52	1 20	13 29	0 42	23 44	1 5	0 29	0 49	25 20	1 14	9 7	0 46	3 53	1 48	39 53	17 28	9 58	10 0	0 18			n.a.
F 27	21 45	17 27	4 20	19 25	1 24	13 56	0 39	23 51	1 6	0 29	0 48	25 20	1 14	9 7	0 46	3 53	1 48	39 54	17 29	10 1	10 1	0 21			n.a.
S 28	21 56	22 35	4 49	19 56	1 29	14 23	0 36	23 57	1 6	0 29	0 48	25 20	1 14	9 7	0 46	3 53	1 48	39 54	17 29	10 5	10 3	0 24			n.a.
S 29	22 6	26 19	5 0	20 27	1 33	14 50	0 34	24 4	1 6	0 29	0 48	25 20	1 14	9 7	0 46	3 52	1 48	39 55	17 29	10 9	10 4	0 28			n.a.
M30	22 16	28 21	4 52	20 57	1 37	15 16	0 31	24 10	1 6	0 30	0 48	25 20	1 14	9 6	0 46	3 52	1 48	39 56	17 30	10 14	10 5	0 31			n.a.
T 31	22s26	28s34	4s28	21s26	1s41	15s41	0n28	24s16	1s 6	0n30	0s47	25s20	1s14	9s 6	0s46	3n52	1s47	39n56	17n30	10s18	10s 6	0n35			n.a.

Julian Day Number = 190629.5, Delta T = 32h28m41s
Ecliptic obliquity = 24°07'07, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°39'00, Lahiri = -61°31'59 Julian Calendar 1 Dec. 4192 BCE == Greg. Calendar 29 Oct. 4192 BCE

The year -4191 astronomical counting style corresponds to year 4192 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

JANUARY 4191 BCE (-4190) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 32 5	10♐ 3'21	14♑27	27♏40	14♏ 5	15♐ 6	2♈59	28♐20	9♓ 3	13°R34	19°R26	3°R52	4♓31	27♓ 8	n.a.	W 1
T 2	4 36 1	11° 3'13	27°24	29°23	15°19	15°52	3° 0	28°28	9° 4	13♈34	19♋25	3♓45	4°28	27°15	n.a.	T 2
F 3	4 39 58	12° 3'03	9♒59	1♐ 8	16°32	16°39	3° 0	28°35	9° 5	13°33	19°24	3°41	4°25	27°21	n.a.	F 3
S 4	4 43 54	13° 2'49	22°14	2°53	17°46	17°25	3° 1	28°43	9° 6	13°32	19°23	3°39	4°22	27°28	n.a.	S 4
S 5	4 47 51	14° 2'34	4♓15	4°39	19° 0	18°11	3° 2	28°50	9° 7	13°31	19°21	3°D39	4°19	27°35	n.a.	S 5
M 6	4 51 47	15° 2'15	16° 7	6°27	20°13	18°57	3° 3	28°58	9° 8	13°31	19°20	3°R39	4°16	27°41	n.a.	M 6
T 7	4 55 44	16° 1'55	27°55	8°16	21°27	19°43	3° 5	29° 5	9° 9	13°30	19°19	3°38	4°12	27°48	n.a.	T 7
W 8	4 59 41	17° 1'31	9♈45	10° 6	22°40	20°28	3° 6	29°13	9°10	13°30	19°18	3°36	4° 9	27°55	n.a.	W 8
T 9	5 3 37	18° 1'05	21°42	11°57	23°54	21°14	3° 8	29°21	9°11	13°29	19°16	3°31	4° 6	28° 1	n.a.	T 9
F 10	5 7 34	19° 0'37	3♉50	13°49	25° 8	22° 0	3°10	29°28	9°12	13°29	19°15	3°24	4° 3	28° 8	n.a.	F 10
S 11	5 11 30	20° 0'06	16°13	15°42	26°21	22°46	3°12	29°36	9°13	13°28	19°13	3°15	4° 0	28°15	n.a.	S 11
S 12	5 15 27	20°59'33	28°52	17°37	27°35	23°32	3°14	29°44	9°14	13°28	19°12	3° 3	3°57	28°21	n.a.	S 12
M13	5 19 23	21°58'58	11♊49	19°32	28°48	24°17	3°17	29°52	9°15	13°27	19°11	2°51	3°53	28°28	n.a.	M13
T 14	5 23 20	22°58'20	25° 2	21°29	0♐ 2	25° 3	3°20	29°59	9°17	13°27	19° 9	2°39	3°50	28°35	n.a.	T 14
W15	5 27 16	23°57'40	8♋31	23°27	1°16	25°49	3°23	0♑ 7	9°18	13°27	19° 8	2°28	3°47	28°41	n.a.	W15
T 16	5 31 13	24°56'57	22°12	25°26	2°29	26°34	3°26	0°15	9°20	13°26	19° 6	2°20	3°44	28°48	n.a.	T 16
F 17	5 35 9	25°56'13	6♌ 2	27°25	3°43	27°20	3°29	0°23	9°21	13°26	19° 5	2°15	3°41	28°55	n.a.	F 17
S 18	5 39 6	26°55'26	19°58	29°25	4°56	28° 5	3°32	0°30	9°23	13°26	19° 3	2°12	3°37	29° 1	n.a.	S 18
S 19	5 43 2	27°54'37	4♍ 0	1♑26	6°10	28°50	3°36	0°38	9°24	13°25	19° 2	2°D12	3°34	29° 8	n.a.	S 19
M20	5 46 59	28°53'46	18° 5	3°28	7°23	29°36	3°40	0°46	9°26	13°25	19° 0	2°12	3°31	29°15	n.a.	M20
T 21	5 50 56	29°52'53	2♎12	5°29	8°37	0♑21	3°44	0°54	9°27	13°25	18°59	2°R13	3°28	29°21	n.a.	T 21
W22	5 54 52	0♑51'58	16°20	7°31	9°50	1° 6	3°48	1° 1	9°29	13°25	18°57	2°12	3°25	29°28	n.a.	W22
T 23	5 58 49	1°51'02	0♏28	9°32	11° 4	1°52	3°52	1° 9	9°31	13°25	18°56	2° 8	3°22	29°35	n.a.	T 23
F 24	6 2 45	2°50'03	14°34	11°33	12°17	2°37	3°57	1°17	9°33	13°25	18°54	2° 3	3°18	29°41	n.a.	F 24
S 25	6 6 42	3°49'02	28°34	13°33	13°31	3°22	4° 1	1°25	9°34	13°D25	18°52	1°55	3°15	29°48	n.a.	S 25
S 26	6 10 38	4°47'59	12♐25	15°33	14°45	4° 7	4° 6	1°32	9°36	13°25	18°51	1°46	3°12	29°55	n.a.	S 26
M27	6 14 35	5°46'54	26° 4	17°30	15°58	4°52	4°11	1°40	9°38	13°25	18°49	1°36	3° 9	0♈ 1	n.a.	M27
T 28	6 18 31	6°45'47	9♑28	19°26	17°12	5°37	4°16	1°48	9°40	13°25	18°48	1°27	3° 6	0° 8	n.a.	T 28
W29	6 22 28	7°44'38	22°33	21°19	18°25	6°22	4°22	1°56	9°42	13°25	18°46	1°19	3° 3	0°15	n.a.	W29
T 30	6 26 24	8°43'26	5♒20	23°10	19°39	7° 7	4°27	2° 3	9°44	13°25	18°44	1°14	2°59	0°21	n.a.	T 30
F 31	6 30 21	9♑42'12	17♒49	24♑58	20♐52	7♑52	4♈33	2♑11	9♓46	13♈25	18♋43	1♓11	2♓56	0♈28	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	22s35	27s 6	3s49	21s53	1s44	16s 7	0n26	24s21	1s 6	0n30	0s47	25s21	1s14	9s 6	0s45	3n52	1s47	39n57	17n31	10s22	10s 7	0n38			n.a.
T 2	22 44	24 12	2 59	22 20	1 47	16 31	0 23	24 27	1 6	0 31	0 47	25 21	1 14	9 6	0 45	3 51	1 47	39 57	17 31	10 25	10 9	0 42			n.a.
F 3	22 52	20 12	2 2	22 45	1 49	16 56	0 20	24 32	1 7	0 31	0 46	25 21	1 14	9 5	0 45	3 51	1 47	39 58	17 31	10 26	10 10	0 45			n.a.
S 4	23 0	15 26	1 0	23 9	1 52	17 20	0 17	24 37	1 7	0 32	0 46	25 21	1 14	9 5	0 45	3 51	1 47	39 59	17 32	10 27	10 11	0 49			n.a.
S 5	23 8	10 11	0n 3	23 32	1 53	17 43	0 15	24 41	1 7	0 32	0 46	25 21	1 14	9 4	0 45	3 51	1 47	39 59	17 32	10 27	10 12	0 52			n.a.
M 6	23 15	4 37	1 6	23 53	1 55	18 6	0 12	24 45	1 7	0 33	0 46	25 21	1 14	9 4	0 45	3 51	1 47	40 0	17 33	10 27	10 13	0 56			n.a.
T 7	23 22	1n 3	2 5	24 12	1 55	18 29	0 9	24 49	1 7	0 34	0 45	25 21	1 14	9 4	0 45	3 50	1 47	40 0	17 33	10 27	10 15	0 59			n.a.
W 8	23 28	6 42	2 59	24 30	1 56	18 51	0 7	24 53	1 7	0 35	0 45	25 21	1 14	9 3	0 45	3 50	1 47	40 1	17 33	10 28	10 16	1 3			n.a.
T 9	23 33	12 9	3 46	24 46	1 55	19 13	0 4	24 56	1 7	0 36	0 45	25 21	1 14	9 3	0 45	3 50	1 47	40 2	17 34	10 30	10 17	1 6			n.a.
F 10	23 39	17 15	4 23	25 0	1 55	19 34	0 2	24 59	1 7	0 37	0 44	25 22	1 15	9 2	0 45	3 50	1 47	40 2	17 34	10 32	10 18	1 9			n.a.
S 11	23 44	21 44	4 48	25 13	1 54	19 54	0s 1	25 2	1 7	0 38	0 44	25 22	1 15	9 2	0 45	3 50	1 47	40 3	17 34	10 36	10 19	1 13			n.a.
S 12	23 48	25 21	5 1	25 23	1 52	20 14	0 4	25 5	1 8	0 39	0 44	25 22	1 15	9 1	0 45	3 50	1 47	40 3	17 35	10 40	10 20	1 16			n.a.
M13	23 52	27 45	4 58	25 31	1 50	20 34	0 6	25 7	1 8	0 41	0 44	25 22	1 15	9 1	0 45	3 50	1 47	40 4	17 35	10 45	10 22	1 20			n.a.
T 14	23 55	28 40	4 39	25 37	1 47	20 53	0 9	25 9	1 8	0 42	0 43	25 22	1 15	9 0	0 45	3 49	1 47	40 4	17 35	10 49	10 23	1 23			n.a.
W15	23 58	27 54	4 5	25 40	1 43	21 11	0 11	25 11	1 8	0 43	0 43	25 22	1 15	9 0	0 45	3 49	1 47	40 5	17 36	10 53	10 24	1 27			n.a.
T 16	24 1	25 27	3 16	25 41	1 39	21 29	0 14	25 12	1 8	0 45	0 43	25 22	1 15	8 59	0 45	3 49	1 46	40 5	17 36	10 56	10 25	1 30			n.a.
F 17	24 3	21 28	2 14	25 40	1 34	21 46	0 17	25 13	1 8	0 46	0 43	25 22	1 15	8 58	0 45	3 49	1 46	40 6	17 36	10 58	10 26	1 34			n.a.
S 18	24 5	16 15	1 5	25 36	1 29	22 2	0 19	25 14	1 8	0 48	0 42	25 22	1 15	8 58	0 45	3 49	1 46	40 6	17 36	10 59	10 28	1 37			n.a.
S 19	24 6	10 10	0s10	25 30	1 23	22 18	0 21	25 15	1 8	0 50	0 42	25 22	1 15	8 57	0 45	3 49	1 46	40 7	17 37	10 59	10 29	1 41			n.a.
M20	24 7	3 34	1 24	25 21	1 16	22 33	0 24	25 15	1 8	0 52	0 42	25 22	1 15	8 56	0 45	3 49	1 46	40 7	17 37	10 59	10 30	1 44			n.a.
T 21	24 7	3s13	2 33	25 9	1 9	22 48	0 26	25 15	1 8	0 53	0 41	25 22	1 15	8 56	0 45	3 49	1 46	40 8	17 37	10 59	10 31	1 47			n.a.
W22	24 7	9 51	3 33	24 55	1 1	23 2	0 29	25 15	1 8	0 55	0 41	25 22	1 15	8 55	0 45	3 49	1 46	40 8	17 37	10 59	10 32	1 51			n.a.
T 23	24 6	15 59	4 20	24 38	0 53	23 15	0 31	25 14	1 8	0 57	0 41	25 22	1 15	8 54	0 44	3 49	1 46	40 9	17 38	11 0	10 33	1 54			n.a.
F 24	24 5	21 16	4 51	24 19	0 43	23 27	0 33	25 13	1 8	0 59	0 41	25 22	1 15	8 54	0 44	3 49	1 46	40 9	17 38	11 3	10 35	1 58			n.a.
S 25	24 3	25 20	5 4	23 58	0 33	23 39	0 36	25 12	1 8	1 2	0 40	25 22	1 16	8 53	0 44	3 49	1 46	40 10	17 38	11 5	10 36	2 1			n.a.
S 26	24 2	27 52	4 59	23 34	0 23	23 51	0 38	25 11	1 8	1 4	0 40	25 22	1 16	8 52	0 44	3 49	1 46	40 10	17 38	11 9	10 37	2 5			n.a.
M27	23 59	28 41	4 37	23 8	0 12	24 1	0 40	25 9	1 8	1 6	0 40	25 22	1 16	8 51	0 44	3 49	1 46	40 11	17 38	11 12	10 38	2 8			n.a.
T 28	23 56	27 46	4 1	22 41	0 1	24 11	0 42	25 8	1 8	1 8	0 40	25 22	1 16	8 51	0 44	3 50	1 46	40 11	17 38	11 16	10 39	2 12			n.a.
W29	23 53	25 19	3 12	22 12	0n11	24 20	0 44	25 5	1 8	1 11	0 39	25 22	1 16	8 50	0 44	3 50	1 46	40 11	17 39	11 18	10 41	2 15			n.a.
T 30	23 49	21 38	2 14	21 41	0 23	24 28	0 46	25 3	1 8	1 13	0 39	25 22	1 16	8 49	0 44	3 50	1 45	40 12	17 39	11 20	10 42	2 18			n.a.
F 31	23s45	17s 3	1s11	21s10	0n35	24s36	0s48	25s 0	1s 8	1n16	0s39	25s22	1s16	8s48	0s44	3n50	1s45	40n12	17n39	11s22	10s43	2n22			n.a.

Julian Day Number = 190660.5, Delta T = 32h28m37s
Ecliptic obliquity = 24°07'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'55, Lahiri = -61°31'55 Julian Calendar 1 Jan. 4191 BCE == Greg. Calendar 29 Nov. 4192 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

FEBRUARY 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 34 17	10♉40'55	0♓ 3	26♉42	22♐ 6	8♉37	4♈38	2♉19	9♓48	13♈26	18°R41	1°D10	2♓53	0♈35	n.a.	S 1
S 2	6 38 14	11°39'36	12° 3	28°22	23°19	9°22	4°44	2°27	9°51	13°26	18♋39	1♓10	2°50	0°41	n.a.	S 2
M 3	6 42 11	12°38'14	23°56	29°59	24°33	10° 6	4°50	2°34	9°53	13°26	18°38	1°12	2°47	0°48	n.a.	M 3
T 4	6 46 7	13°36'50	5♈45	1♒31	25°46	10°51	4°57	2°42	9°55	13°26	18°36	1°13	2°43	0°55	n.a.	T 4
W 5	6 50 4	14°35'24	17°36	2°58	27° 0	11°36	5° 3	2°50	9°57	13°27	18°34	1°R13	2°40	1° 1	n.a.	W 5
T 6	6 54 0	15°33'55	29°34	4°21	28°13	12°20	5°10	2°57	10° 0	13°27	18°33	1°12	2°37	1° 8	n.a.	T 6
F 7	6 57 57	16°32'24	11♉44	5°38	29°26	13° 5	5°16	3° 5	10° 2	13°28	18°31	1° 9	2°34	1°15	n.a.	F 7
S 8	7 1 53	17°30'50	24°10	6°50	0♉40	13°49	5°23	3°13	10° 4	13°28	18°29	1° 4	2°31	1°21	n.a.	S 8
S 9	7 5 50	18°29'14	6♊56	7°56	1°53	14°33	5°30	3°20	10° 7	13°28	18°28	0°58	2°28	1°28	n.a.	S 9
M10	7 9 46	19°27'36	20° 3	8°57	3° 7	15°18	5°37	3°28	10° 9	13°29	18°26	0°51	2°24	1°35	n.a.	M10
T 11	7 13 43	20°25'56	3♋31	9°51	4°20	16° 2	5°45	3°35	10°12	13°30	18°24	0°44	2°21	1°41	n.a.	T 11
W12	7 17 39	21°24'13	17°18	10°40	5°34	16°46	5°52	3°43	10°14	13°30	18°23	0°38	2°18	1°48	n.a.	W12
T 13	7 21 36	22°22'29	1♌23	11°23	6°47	17°31	5°59	3°50	10°17	13°31	18°21	0°34	2°15	1°55	n.a.	T 13
F 14	7 25 32	23°20'42	15°39	12° 0	8° 1	18°15	6° 7	3°58	10°20	13°31	18°19	0°31	2°12	2° 1	n.a.	F 14
S 15	7 29 29	24°18'53	0♍ 2	12°31	9°14	18°59	6°15	4° 5	10°22	13°32	18°18	0°D30	2° 9	2° 8	n.a.	S 15
S 16	7 33 25	25°17'03	14°27	12°56	10°27	19°43	6°23	4°13	10°25	13°33	18°16	0°31	2° 5	2°15	n.a.	S 16
M17	7 37 22	26°15'10	28°50	13°15	11°41	20°27	6°31	4°20	10°28	13°33	18°14	0°32	2° 2	2°21	n.a.	M17
T 18	7 41 19	27°13'16	13♎ 9	13°28	12°54	21°11	6°39	4°28	10°30	13°34	18°13	0°33	1°59	2°28	n.a.	T 18
W19	7 45 15	28°11'21	27°19	13°34	14° 8	21°55	6°47	4°35	10°33	13°35	18°11	0°R34	1°56	2°35	n.a.	W19
T 20	7 49 12	29° 9'24	11♏20	13°R36	15°21	22°39	6°56	4°42	10°36	13°36	18°10	0°34	1°53	2°41	n.a.	T 20
F 21	7 53 8	0♒ 7'25	25°10	13°31	16°35	23°22	7° 4	4°50	10°39	13°37	18° 8	0°32	1°49	2°48	n.a.	F 21
S 22	7 57 5	1° 5'25	8♐49	13°21	17°48	24° 6	7°13	4°57	10°42	13°38	18° 6	0°28	1°46	2°55	n.a.	S 22
S 23	8 1 1	2° 3'23	22°16	13° 6	19° 2	24°50	7°22	5° 4	10°45	13°39	18° 5	0°24	1°43	3° 1	n.a.	S 23
M24	8 4 58	3° 1'19	5♉29	12°46	20°15	25°33	7°31	5°11	10°48	13°40	18° 3	0°20	1°40	3° 8	n.a.	M24
T 25	8 8 54	3°59'14	18°28	12°22	21°29	26°17	7°40	5°19	10°51	13°41	18° 1	0°16	1°37	3°15	n.a.	T 25
W26	8 12 51	4°57'07	1♒13	11°54	22°42	27° 1	7°49	5°26	10°53	13°42	18° 0	0°13	1°34	3°21	n.a.	W26
T 27	8 16 47	5°54'58	13°44	11°23	23°56	27°44	7°58	5°33	10°56	13°43	17°58	0°10	1°30	3°28	n.a.	T 27
F 28	8 20 44	6♒52'47	26♒ 2	10♒49	25♉ 9	28♉27	8♈ 7	5♉40	11♓ 0	13♈44	17♋57	0°D 9	1♓27	3♈35	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s40	11s52	0s 6	20s38	0n48	24s43	0s50	24s57	1s 8	1n18	0s39	25s22	1s16	8s47	0s44	3n50	1s45	40n13	17n39	11s22	10s44	2n25		n.a.
S 2	23 35	6 20	0n58	20 5	1 1	24 49	0 52	24 54	1 8	1 21	0 38	25 22	1 16	8 46	0 44	3 50	1 45	40 13	17 39	11 22	10 45	2 29		n.a.
M 3	23 30	0 39	2 0	19 32	1 13	24 54	0 54	24 51	1 8	1 24	0 38	25 22	1 16	8 45	0 44	3 50	1 45	40 13	17 39	11 21	10 46	2 32		n.a.
T 4	23 24	5n 1	2 56	18 59	1 26	24 59	0 56	24 47	1 8	1 26	0 38	25 22	1 16	8 45	0 44	3 51	1 45	40 14	17 39	11 21	10 48	2 36		n.a.
W 5	23 17	10 32	3 44	18 27	1 39	25 3	0 58	24 43	1 7	1 29	0 38	25 22	1 16	8 44	0 44	3 51	1 45	40 14	17 39	11 21	10 49	2 39		n.a.
T 6	23 11	15 43	4 23	17 56	1 51	25 6	0 59	24 39	1 7	1 32	0 37	25 22	1 17	8 43	0 44	3 51	1 45	40 14	17 39	11 21	10 50	2 42		n.a.
F 7	23 3	20 23	4 52	17 25	2 3	25 8	1 1	24 34	1 7	1 35	0 37	25 22	1 17	8 42	0 44	3 51	1 45	40 15	17 40	11 22	10 51	2 46		n.a.
S 8	22 56	24 17	5 7	16 56	2 14	25 10	1 3	24 29	1 7	1 38	0 37	25 21	1 17	8 41	0 44	3 51	1 45	40 15	17 40	11 24	10 52	2 49		n.a.
S 9	22 48	27 7	5 7	16 28	2 25	25 11	1 4	24 24	1 7	1 41	0 37	25 21	1 17	8 40	0 44	3 52	1 45	40 15	17 40	11 26	10 53	2 53		n.a.
M10	22 39	28 35	4 52	16 2	2 36	25 11	1 6	24 19	1 7	1 44	0 37	25 21	1 17	8 39	0 44	3 52	1 45	40 16	17 40	11 29	10 55	2 56		n.a.
T 11	22 31	28 24	4 20	15 37	2 46	25 10	1 7	24 14	1 7	1 47	0 36	25 21	1 17	8 38	0 44	3 52	1 45	40 16	17 40	11 31	10 56	3 0		n.a.
W12	22 21	26 29	3 33	15 15	2 55	25 9	1 9	24 8	1 7	1 51	0 36	25 21	1 17	8 37	0 44	3 53	1 45	40 16	17 40	11 34	10 57	3 3		n.a.
T 13	22 12	22 53	2 32	14 55	3 4	25 6	1 10	24 2	1 7	1 54	0 36	25 21	1 17	8 36	0 44	3 53	1 45	40 17	17 40	11 35	10 58	3 7		n.a.
F 14	22 2	17 52	1 20	14 37	3 11	25 3	1 11	23 56	1 6	1 57	0 36	25 21	1 17	8 35	0 44	3 53	1 44	40 17	17 40	11 36	10 59	3 10		n.a.
S 15	21 52	11 49	0 3	14 22	3 18	25 0	1 13	23 50	1 6	2 1	0 35	25 21	1 18	8 34	0 44	3 54	1 44	40 17	17 40	11 36	11 0	3 13		n.a.
S 16	21 41	5 8	1s15	14 10	3 24	24 55	1 14	23 43	1 6	2 4	0 35	25 21	1 18	8 33	0 44	3 54	1 44	40 17	17 40	11 36	11 2	3 17		n.a.
M17	21 30	1s47	2 28	14 0	3 28	24 50	1 15	23 36	1 6	2 8	0 35	25 20	1 18	8 31	0 44	3 54	1 44	40 17	17 40	11 36	11 3	3 20		n.a.
T 18	21 18	8 34	3 32	13 53	3 32	24 44	1 16	23 29	1 6	2 11	0 35	25 20	1 18	8 30	0 44	3 55	1 44	40 18	17 39	11 35	11 4	3 24		n.a.
W19	21 6	14 51	4 22	13 49	3 34	24 37	1 17	23 22	1 6	2 15	0 35	25 20	1 18	8 29	0 44	3 55	1 44	40 18	17 39	11 35	11 5	3 27		n.a.
T 20	20 54	20 19	4 55	13 47	3 35	24 30	1 18	23 14	1 6	2 18	0 34	25 20	1 18	8 28	0 43	3 55	1 44	40 18	17 39	11 35	11 6	3 30		n.a.
F 21	20 42	24 37	5 11	13 49	3 35	24 22	1 19	23 6	1 5	2 22	0 34	25 20	1 18	8 27	0 43	3 56	1 44	40 18	17 39	11 36	11 7	3 34		n.a.
S 22	20 29	27 29	5 9	13 54	3 33	24 13	1 20	22 58	1 5	2 26	0 34	25 20	1 18	8 26	0 43	3 56	1 44	40 18	17 39	11 37	11 9	3 37		n.a.
S 23	20 16	28 43	4 50	14 1	3 30	24 3	1 21	22 50	1 5	2 29	0 34	25 20	1 19	8 25	0 43	3 57	1 44	40 19	17 39	11 39	11 10	3 41		n.a.
M24	20 2	28 16	4 16	14 11	3 25	23 53	1 21	22 42	1 5	2 33	0 33	25 19	1 19	8 23	0 43	3 57	1 44	40 19	17 39	11 40	11 11	3 44		n.a.
T 25	19 48	26 15	3 29	14 23	3 19	23 42	1 22	22 33	1 5	2 37	0 33	25 19	1 19	8 22	0 43	3 57	1 44	40 19	17 39	11 42	11 12	3 48		n.a.
W26	19 34	22 55	2 32	14 38	3 12	23 30	1 23	22 24	1 5	2 41	0 33	25 19	1 19	8 21	0 43	3 58	1 44	40 19	17 39	11 43	11 13	3 51		n.a.
T 27	19 19	18 35	1 29	14 55	3 3	23 18	1 23	22 15	1 4	2 45	0 33	25 19	1 19	8 20	0 43	3 58	1 44	40 19	17 39	11 44	11 14	3 54		n.a.
F 28	19s 5	13s33	0s23	15s14	2n53	23s 5	1s23	22s 6	1s 4	2n49	0s33	25s19	1s19	8s19	0s43	3n59	1s44	40n19	17n38	11s44	11s16	3n58		n.a.

Julian Day Number = 190691.5, Delta T = 32h28m34s
Ecliptic obliquity = 24°07'06, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'51, Lahiri = -61°31'51 Julian Calendar 1 Feb. 4191 BCE == Greg. Calendar 30 Dec. 4192 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

MARCH 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 40	7♒50'35	8♓ 9	10°R13	26♉22	29♉11	8♈17	5♉47	11♓ 3	13♈45	17°R55	0♓10	1♓24	3♈41	n.a.	S 1
S 2	8 28 37	8°48'20	20° 6	9♒36	27°36	29°54	8°26	5°54	11° 6	13°46	17♋54	0°11	1°21	3°48	n.a.	S 2
M 3	8 32 33	9°46'04	1♈57	8°58	28°49	0♒37	8°36	6° 1	11° 9	13°47	17°52	0°12	1°18	3°55	n.a.	M 3
T 4	8 36 30	10°43'46	13°46	8°20	0♒ 3	1°21	8°46	6° 8	11°12	13°48	17°51	0°14	1°14	4° 1	n.a.	T 4
W 5	8 40 27	11°41'26	25°37	7°42	1°16	2° 4	8°56	6°15	11°15	13°49	17°49	0°15	1°11	4° 8	n.a.	W 5
T 6	8 44 23	12°39'04	7♉35	7° 6	2°30	2°47	9° 6	6°21	11°18	13°51	17°48	0°R16	1° 8	4°15	n.a.	T 6
F 7	8 48 20	13°36'41	19°45	6°31	3°43	3°30	9°16	6°28	11°21	13°52	17°46	0°16	1° 5	4°21	n.a.	F 7
S 8	8 52 16	14°34'15	2♊10	5°59	4°57	4°13	9°26	6°35	11°25	13°53	17°45	0°15	1° 2	4°28	n.a.	S 8
S 9	8 56 13	15°31'48	14°55	5°29	6°10	4°56	9°36	6°42	11°28	13°55	17°43	0°13	0°59	4°35	n.a.	S 9
M10	9 0 9	16°29'19	28° 4	5° 3	7°24	5°39	9°46	6°48	11°31	13°56	17°42	0°12	0°55	4°41	n.a.	M10
T 11	9 4 6	17°26'49	11♋37	4°41	8°37	6°22	9°57	6°55	11°34	13°57	17°40	0°10	0°52	4°48	n.a.	T 11
W12	9 8 2	18°24'17	25°34	4°23	9°51	7° 4	10° 7	7° 1	11°38	13°59	17°39	0° 9	0°49	4°55	n.a.	W12
T 13	9 11 59	19°21'43	9♌53	4° 9	11° 4	7°47	10°18	7° 8	11°41	14° 0	17°38	0° 8	0°46	5° 1	n.a.	T 13
F 14	9 15 55	20°19'08	24°29	3°59	12°18	8°30	10°29	7°14	11°44	14° 2	17°36	0°D 7	0°43	5° 8	n.a.	F 14
S 15	9 19 52	21°16'31	9♍16	3°53	13°31	9°12	10°39	7°20	11°48	14° 3	17°35	0° 7	0°40	5°15	n.a.	S 15
S 16	9 23 49	22°13'54	24° 7	3°D53	14°45	9°55	10°50	7°27	11°51	14° 5	17°34	0° 8	0°36	5°21	n.a.	S 16
M17	9 27 45	23°11'15	8♎54	3°57	15°58	10°37	11° 1	7°33	11°54	14° 6	17°32	0° 8	0°33	5°28	n.a.	M17
T 18	9 31 42	24° 8'35	23°32	4° 5	17°12	11°20	11°12	7°39	11°58	14° 8	17°31	0° 9	0°30	5°35	n.a.	T 18
W19	9 35 38	25° 5'54	7♏54	4°18	18°25	12° 2	11°23	7°45	12° 1	14° 9	17°30	0° 9	0°27	5°41	n.a.	W19
T 20	9 39 35	26° 3'12	22° 0	4°36	19°39	12°45	11°34	7°51	12° 4	14°11	17°29	0°R 9	0°24	5°48	n.a.	T 20
F 21	9 43 31	27° 0'30	5♐46	4°58	20°52	13°27	11°46	7°57	12° 8	14°12	17°28	0° 9	0°20	5°55	n.a.	F 21
S 22	9 47 28	27°57'47	19°14	5°24	22° 6	14° 9	11°57	8° 3	12°11	14°14	17°26	0° 9	0°17	6° 1	n.a.	S 22
S 23	9 51 24	28°55'02	2♑24	5°55	23°19	14°52	12° 8	8° 9	12°15	14°16	17°25	0° 9	0°14	6° 8	n.a.	S 23
M24	9 55 21	29°52'18	15°17	6°29	24°33	15°34	12°20	8°15	12°18	14°17	17°24	0°D 9	0°11	6°15	n.a.	M24
T 25	9 59 18	0♓49'32	27°56	7° 8	25°46	16°16	12°31	8°21	12°22	14°19	17°23	0° 9	0° 8	6°21	n.a.	T 25
W26	10 3 14	1°46'45	10♒21	7°50	27° 0	16°58	12°43	8°27	12°25	14°21	17°22	0° 9	0° 5	6°28	n.a.	W26
T 27	10 7 11	2°43'57	22°36	8°36	28°13	17°40	12°54	8°32	12°29	14°23	17°21	0° 9	0° 1	6°35	n.a.	T 27
F 28	10 11 7	3°41'09	4♓42	9°26	29°27	18°22	13° 6	8°38	12°32	14°24	17°20	0°R 9	29♒58	6°41	n.a.	F 28
S 29	10 15 4	4°38'19	16°40	10°20	0♓40	19° 4	13°18	8°43	12°36	14°26	17°19	0° 9	29°55	6°48	n.a.	S 29
S 30	10 19 0	5°35'29	28°32	11°17	1°54	19°46	13°30	8°49	12°39	14°28	17°18	0° 9	29°52	6°55	n.a.	S 30
M31	10 22 57	6♓32'38	10♈22	12♒17	3♓ 8	20♒27	13♈42	8♉54	12♓43	14♈30	17♋17	0♓ 8	29♒49	7♈ 1	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s49	8s 5	0n44	15s35	2n42	22s51	1s24	21s57	1s 4	2n53	0s32	25s19	1s19	8s18	0s43	3n59	1s43	40n19	17n38	11s44	11s17	4n 1		n.a.
S 2	18 34	2 23	1 48	15 57	2 30	22 36	1 24	21 47	1 4	2 57	0 32	25 18	1 20	8 16	0 43	4 0	1 43	40 19	17 38	11 44	11 18	4 5		n.a.
M 3	18 18	3n20	2 46	16 20	2 16	22 21	1 24	21 37	1 3	3 1	0 32	25 18	1 20	8 15	0 43	4 0	1 43	40 19	17 38	11 43	11 19	4 8		n.a.
T 4	18 2	8 55	3 38	16 44	2 2	22 5	1 25	21 27	1 3	3 5	0 32	25 18	1 20	8 14	0 43	4 1	1 43	40 19	17 38	11 42	11 20	4 11		n.a.
W 5	17 46	14 12	4 20	17 8	1 47	21 49	1 25	21 17	1 3	3 9	0 32	25 18	1 20	8 13	0 43	4 2	1 43	40 19	17 37	11 42	11 21	4 15		n.a.
T 6	17 29	19 0	4 52	17 33	1 32	21 32	1 25	21 7	1 3	3 13	0 31	25 18	1 20	8 11	0 43	4 2	1 43	40 19	17 37	11 42	11 23	4 18		n.a.
F 7	17 12	23 8	5 11	17 57	1 16	21 15	1 25	20 56	1 3	3 18	0 31	25 18	1 20	8 10	0 43	4 3	1 43	40 19	17 37	11 42	11 24	4 22		n.a.
S 8	16 55	26 20	5 16	18 21	1 0	20 56	1 25	20 45	1 2	3 22	0 31	25 17	1 20	8 9	0 43	4 3	1 43	40 19	17 37	11 42	11 25	4 25		n.a.
S 9	16 38	28 18	5 6	18 44	0 44	20 38	1 25	20 34	1 2	3 26	0 31	25 17	1 21	8 7	0 43	4 4	1 43	40 19	17 36	11 42	11 26	4 28		n.a.
M10	16 20	28 46	4 40	19 6	0 27	20 18	1 25	20 23	1 2	3 31	0 31	25 17	1 21	8 6	0 43	4 4	1 43	40 19	17 36	11 43	11 27	4 32		n.a.
T 11	16 2	27 32	3 57	19 27	0 11	19 58	1 24	20 12	1 2	3 35	0 30	25 17	1 21	8 5	0 43	4 5	1 43	40 19	17 36	11 44	11 28	4 35		n.a.
W12	15 44	24 34	3 0	19 47	0s 4	19 38	1 24	20 1	1 1	3 39	0 30	25 17	1 21	8 4	0 43	4 6	1 43	40 19	17 36	11 44	11 30	4 39		n.a.
T 13	15 26	20 2	1 50	20 5	0 20	19 17	1 24	19 49	1 1	3 44	0 30	25 16	1 21	8 2	0 43	4 6	1 43	40 19	17 35	11 45	11 31	4 42		n.a.
F 14	15 7	14 13	0 31	20 22	0 35	18 55	1 23	19 38	1 1	3 48	0 30	25 16	1 21	8 1	0 43	4 7	1 43	40 19	17 35	11 45	11 32	4 45		n.a.
S 15	14 49	7 32	0s51	20 37	0 49	18 33	1 23	19 26	1 0	3 53	0 30	25 16	1 22	8 0	0 43	4 7	1 43	40 19	17 35	11 45	11 33	4 49		n.a.
S 16	14 29	0 26	2 9	20 50	1 2	18 11	1 22	19 14	1 0	3 57	0 30	25 16	1 22	7 58	0 43	4 8	1 43	40 19	17 35	11 45	11 34	4 52		n.a.
M17	14 10	6s39	3 19	21 2	1 15	17 48	1 22	19 2	1 0	4 2	0 29	25 16	1 22	7 57	0 43	4 9	1 43	40 19	17 34	11 44	11 35	4 55		n.a.
T 18	13 51	13 19	4 15	21 11	1 27	17 24	1 21	18 49	1 0	4 6	0 29	25 15	1 22	7 56	0 43	4 9	1 42	40 19	17 34	11 44	11 36	4 59		n.a.
W19	13 31	19 9	4 54	21 19	1 39	17 0	1 20	18 37	0 59	4 11	0 29	25 15	1 22	7 54	0 43	4 10	1 42	40 19	17 34	11 44	11 38	5 2		n.a.
T 20	13 11	23 49	5 14	21 25	1 49	16 36	1 20	18 24	0 59	4 16	0 29	25 15	1 22	7 53	0 43	4 11	1 42	40 18	17 33	11 44	11 39	5 6		n.a.
F 21	12 51	27 3	5 16	21 29	1 59	16 11	1 19	18 12	0 59	4 20	0 29	25 15	1 23	7 52	0 43	4 11	1 42	40 18	17 33	11 44	11 40	5 9		n.a.
S 22	12 31	28 39	5 0	21 31	2 8	15 46	1 18	17 59	0 58	4 25	0 29	25 15	1 23	7 50	0 43	4 12	1 42	40 18	17 33	11 44	11 41	5 12		n.a.
S 23	12 11	28 34	4 28	21 31	2 16	15 20	1 17	17 46	0 58	4 30	0 28	25 14	1 23	7 49	0 43	4 13	1 42	40 18	17 32	11 44	11 42	5 16		n.a.
M24	11 50	26 55	3 44	21 29	2 23	14 54	1 16	17 33	0 58	4 35	0 28	25 14	1 23	7 47	0 43	4 14	1 42	40 18	17 32	11 44	11 43	5 19		n.a.
T 25	11 29	23 56	2 49	21 25	2 29	14 27	1 15	17 19	0 57	4 39	0 28	25 14	1 23	7 46	0 43	4 14	1 42	40 18	17 31	11 44	11 45	5 22		n.a.
W26	11 8	19 52	1 48	21 19	2 35	14 1	1 14	17 6	0 57	4 44	0 28	25 14	1 24	7 45	0 43	4 15	1 42	40 17	17 31	11 44	11 46	5 26		n.a.
T 27	10 47	15 1	0 42	21 11	2 40	13 33	1 12	16 52	0 57	4 49	0 28	25 14	1 24	7 43	0 43	4 16	1 42	40 17	17 31	11 44	11 47	5 29		n.a.
F 28	10 26	9 40	0n25	21 1	2 44	13 6	1 11	16 39	0 56	4 54	0 28	25 13	1 24	7 42	0 43	4 17	1 42	40 17	17 30	11 44	11 48	5 33		n.a.
S 29	10 5	4 2	1 30	20 49	2 47	12 38	1 10	16 25	0 56	4 59	0 27	25 13	1 24	7 41	0 43	4 17	1 42	40 17	17 30	11 44	11 49	5 36		n.a.
S 30	9 43	1n42	2 31	20 35	2 49	12 10	1 9	16 11	0 56	5 3	0 27	25 13	1 24	7 39	0 43	4 18	1 42	40 16	17 29	11 44	11 50	5 39		n.a.
M31	9s22	7n20	3n25	20s19	2s51	11s41	1s 7	15s57	0s55	5n 8	0s27	25s13	1s25	7s38	0s43	4n19	1s42	40n16	17n29	11s45	11s51	5n43		n.a.

Julian Day Number = 190719.5, Delta T = 32h28m31s
Ecliptic obliquity = 24°07'06, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'47, Lahiri = -61°31'47 Julian Calendar 1 March 4191 BCE == Greg. Calendar 27 Jan. 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

APRIL 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 26 53	7♓29'45	22♈11	13♒21	4♓21	21♒ 9	13♈54	9♉ 0	12♓46	14♈32	17°R16	0°R 7	29♒46	7♈ 8	n.a.	T 1
W 2	10 30 50	8°26'52	4♉ 2	14°28	5°35	21°51	14° 6	9° 5	12°50	14°34	17♋15	0♓ 6	29°42	7°15	n.a.	W 2
T 3	10 34 46	9°23'58	16° 1	15°38	6°48	22°32	14°18	9°10	12°53	14°35	17°14	0° 5	29°39	7°21	n.a.	T 3
F 4	10 38 43	10°21'03	28° 9	16°51	8° 2	23°14	14°30	9°15	12°57	14°37	17°13	0° 4	29°36	7°28	n.a.	F 4
S 5	10 42 40	11°18'07	10♊33	18° 7	9°16	23°56	14°42	9°20	13° 0	14°39	17°13	0°D 4	29°33	7°35	n.a.	S 5
S 6	10 46 36	12°15'10	23°14	19°26	10°29	24°37	14°54	9°25	13° 4	14°41	17°12	0° 4	29°30	7°41	n.a.	S 6
M 7	10 50 33	13°12'13	6♋18	20°48	11°43	25°18	15° 7	9°30	13° 7	14°43	17°11	0° 5	29°26	7°48	n.a.	M 7
T 8	10 54 29	14° 9'14	19°48	22°13	12°56	26° 0	15°19	9°35	13°11	14°45	17°10	0° 6	29°23	7°55	n.a.	T 8
W 9	10 58 26	15° 6'15	3♌44	23°41	14°10	26°41	15°32	9°39	13°14	14°47	17°10	0° 7	29°20	8° 1	n.a.	W 9
T 10	11 2 22	16° 3'15	18° 5	25°12	15°24	27°22	15°44	9°44	13°18	14°49	17° 9	0° 8	29°17	8° 8	n.a.	T 10
F 11	11 6 19	17° 0'14	2♍49	26°45	16°37	28° 4	15°56	9°48	13°21	14°51	17° 8	0°R 8	29°14	8°15	n.a.	F 11
S 12	11 10 16	17°57'13	17°50	28°22	17°51	28°45	16° 9	9°53	13°25	14°53	17° 8	0° 7	29°11	8°21	n.a.	S 12
S 13	11 14 12	18°54'11	2♎59	0♓ 1	19° 4	29°26	16°22	9°57	13°28	14°55	17° 7	0° 6	29° 7	8°28	n.a.	S 13
M14	11 18 9	19°51'10	18° 7	1°43	20°18	0♓ 7	16°34	10° 2	13°32	14°57	17° 7	0° 4	29° 4	8°35	n.a.	M14
T 15	11 22 5	20°48'08	3♏ 4	3°27	21°32	0°48	16°47	10° 6	13°35	14°59	17° 6	0° 1	29° 1	8°41	n.a.	T 15
W16	11 26 2	21°45'06	17°43	5°15	22°45	1°29	17° 0	10°10	13°39	15° 1	17° 6	29♒59	28°58	8°48	n.a.	W16
T 17	11 29 58	22°42'04	2♐ 0	7° 5	23°59	2°10	17°12	10°14	13°42	15° 3	17° 5	29°57	28°55	8°55	n.a.	T 17
F 18	11 33 55	23°39'02	15°51	8°58	25°13	2°51	17°25	10°18	13°46	15° 6	17° 5	29°56	28°51	9° 2	n.a.	F 18
S 19	11 37 52	24°36'00	29°17	10°53	26°26	3°32	17°38	10°22	13°49	15° 8	17° 4	29°D55	28°48	9° 8	n.a.	S 19
S 20	11 41 48	25°32'59	12♑19	12°50	27°40	4°12	17°51	10°26	13°53	15°10	17° 4	29°56	28°45	9°15	n.a.	S 20
M21	11 45 45	26°29'57	25° 2	14°50	28°54	4°53	18° 4	10°29	13°56	15°12	17° 4	29°58	28°42	9°22	n.a.	M21
T 22	11 49 41	27°26'56	7♒27	16°51	0♈ 8	5°34	18°17	10°33	14° 0	15°14	17° 3	29°59	28°39	9°28	n.a.	T 22
W23	11 53 38	28°23'55	19°40	18°55	1°21	6°14	18°30	10°36	14° 3	15°16	17° 3	0♓ 1	28°36	9°35	n.a.	W23
T 24	11 57 34	29°20'54	1♓42	21° 0	2°35	6°55	18°43	10°40	14° 7	15°18	17° 3	0°R 1	28°32	9°42	n.a.	T 24
F 25	12 1 31	0♈17'53	13°38	23° 7	3°49	7°36	18°56	10°43	14°10	15°21	17° 3	0° 0	28°29	9°48	n.a.	F 25
S 26	12 5 28	1°14'53	25°29	25°15	5° 2	8°16	19° 9	10°46	14°13	15°23	17° 3	29♒58	28°26	9°55	n.a.	S 26
S 27	12 9 24	2°11'52	7♈18	27°24	6°16	8°56	19°22	10°50	14°17	15°25	17° 2	29°54	28°23	10° 2	n.a.	S 27
M28	12 13 21	3° 8'52	19° 8	29°34	7°30	9°37	19°35	10°53	14°20	15°27	17° 2	29°49	28°20	10° 8	n.a.	M28
T 29	12 17 17	4° 5'51	0♉59	1♈44	8°44	10°17	19°48	10°56	14°23	15°29	17° 2	29°43	28°17	10°15	n.a.	T 29
W30	12 21 14	5♈ 2'51	12♉54	3♈54	9♈57	10♓57	20♈ 1	10♉58	14♓27	15♈31	17°D 2	29♒37	28♒13	10♈22	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s 0	12n43	4n10	20s 1	2s51	11s12	1s 6	15s43	0s55	5n13	0s27	25s13	1s25	7s36	0s43	4n20	1s42	40n16	17n29	11s45	11s53	5n46		n.a.
W 2	8 38	17 40	4 45	19 41	2 52	10 43	1 4	15 29	0 55	5 18	0 27	25 13	1 25	7 35	0 43	4 20	1 42	40 16	17 28	11 45	11 54	5 49		n.a.
T 3	8 16	21 59	5 7	19 19	2 51	10 14	1 3	15 15	0 54	5 23	0 27	25 12	1 25	7 34	0 43	4 21	1 42	40 15	17 28	11 46	11 55	5 53		n.a.
F 4	7 54	25 26	5 16	18 55	2 49	9 44	1 1	15 0	0 54	5 28	0 26	25 12	1 25	7 32	0 43	4 22	1 42	40 15	17 27	11 46	11 56	5 56		n.a.
S 5	7 32	27 47	5 11	18 29	2 47	9 14	1 0	14 46	0 54	5 33	0 26	25 12	1 26	7 31	0 43	4 23	1 42	40 15	17 27	11 46	11 57	5 59		n.a.
S 6	7 9	28 47	4 51	18 0	2 45	8 44	0 58	14 31	0 53	5 38	0 26	25 12	1 26	7 29	0 43	4 24	1 42	40 14	17 26	11 46	11 58	6 3		n.a.
M 7	6 47	28 13	4 16	17 30	2 41	8 14	0 56	14 17	0 53	5 43	0 26	25 12	1 26	7 28	0 43	4 24	1 42	40 14	17 26	11 46	11 59	6 6		n.a.
T 8	6 24	25 59	3 25	16 58	2 37	7 43	0 54	14 2	0 53	5 48	0 26	25 12	1 26	7 27	0 43	4 25	1 42	40 14	17 25	11 45	12 1	6 9		n.a.
W 9	6 2	22 9	2 21	16 24	2 32	7 12	0 53	13 47	0 52	5 53	0 26	25 12	1 26	7 25	0 43	4 26	1 41	40 13	17 25	11 45	12 2	6 13		n.a.
T 10	5 39	16 53	1 6	15 47	2 27	6 42	0 51	13 32	0 52	5 58	0 25	25 11	1 27	7 24	0 43	4 27	1 41	40 13	17 25	11 45	12 3	6 16		n.a.
F 11	5 16	10 32	0s15	15 9	2 21	6 10	0 49	13 17	0 51	6 3	0 25	25 11	1 27	7 23	0 43	4 28	1 41	40 12	17 24	11 44	12 4	6 20		n.a.
S 12	4 53	3 28	1 36	14 28	2 14	5 39	0 47	13 2	0 51	6 8	0 25	25 11	1 27	7 21	0 43	4 28	1 41	40 12	17 24	11 45	12 5	6 23		n.a.
S 13	4 31	3s50	2 51	13 46	2 7	5 8	0 45	12 47	0 51	6 14	0 25	25 11	1 27	7 20	0 43	4 29	1 41	40 12	17 23	11 45	12 6	6 26		n.a.
M14	4 8	10 53	3 55	13 1	2 0	4 36	0 43	12 32	0 50	6 19	0 25	25 11	1 28	7 18	0 43	4 30	1 41	40 11	17 23	11 46	12 7	6 30		n.a.
T 15	3 45	17 15	4 41	12 15	1 52	4 5	0 41	12 16	0 50	6 24	0 25	25 11	1 28	7 17	0 43	4 31	1 41	40 11	17 22	11 47	12 9	6 33		n.a.
W16	3 22	22 30	5 8	11 26	1 43	3 33	0 39	12 1	0 49	6 29	0 25	25 11	1 28	7 16	0 43	4 32	1 41	40 10	17 22	11 48	12 10	6 36		n.a.
T 17	2 59	26 16	5 14	10 36	1 34	3 1	0 37	11 45	0 49	6 34	0 24	25 11	1 28	7 14	0 43	4 33	1 41	40 10	17 21	11 49	12 11	6 40		n.a.
F 18	2 35	28 21	5 3	9 44	1 24	2 29	0 35	11 30	0 49	6 39	0 24	25 10	1 28	7 13	0 43	4 34	1 41	40 10	17 21	11 49	12 12	6 43		n.a.
S 19	2 12	28 41	4 34	8 50	1 15	1 57	0 33	11 14	0 48	6 44	0 24	25 10	1 29	7 11	0 43	4 34	1 41	40 9	17 20	11 49	12 13	6 46		n.a.
S 20	1 49	27 23	3 53	7 55	1 4	1 25	0 31	10 59	0 48	6 49	0 24	25 10	1 29	7 10	0 43	4 35	1 41	40 9	17 20	11 49	12 14	6 50		n.a.
M21	1 26	24 41	3 0	6 58	0 54	0 53	0 28	10 43	0 47	6 55	0 24	25 10	1 29	7 9	0 43	4 36	1 41	40 8	17 19	11 48	12 15	6 53		n.a.
T 22	1 3	20 52	2 1	6 0	0 44	0 21	0 26	10 27	0 47	7 0	0 24	25 10	1 29	7 7	0 43	4 37	1 41	40 8	17 19	11 48	12 17	6 56		n.a.
W23	0 39	16 14	0 57	5 0	0 33	0n11	0 24	10 12	0 46	7 5	0 24	25 10	1 30	7 6	0 43	4 38	1 41	40 7	17 18	11 47	12 18	6 59		n.a.
T 24	0 16	11 2	0n 9	4 0	0 22	0 43	0 22	9 56	0 46	7 10	0 24	25 10	1 30	7 5	0 43	4 39	1 41	40 7	17 18	11 47	12 19	7 3		n.a.
F 25	0n 7	5 29	1 14	2 59	0 11	1 16	0 19	9 40	0 46	7 15	0 23	25 10	1 30	7 3	0 43	4 40	1 41	40 6	17 17	11 47	12 20	7 6		n.a.
S 26	0 31	0n13	2 15	1 57	0 1	1 48	0 17	9 24	0 45	7 21	0 23	25 10	1 30	7 2	0 43	4 41	1 41	40 6	17 16	11 48	12 21	7 9		n.a.
S 27	0 54	5 52	3 10	0 55	0n10	2 20	0 15	9 8	0 45	7 26	0 23	25 10	1 31	7 1	0 43	4 41	1 41	40 5	17 16	11 50	12 22	7 13		n.a.
M28	1 17	11 19	3 56	0n 8	0 20	2 52	0 13	8 52	0 44	7 31	0 23	25 10	1 31	6 59	0 43	4 42	1 41	40 5	17 15	11 51	12 23	7 16		n.a.
T 29	1 40	16 23	4 33	1 10	0 30	3 24	0 10	8 36	0 44	7 36	0 23	25 10	1 31	6 58	0 43	4 43	1 41	40 4	17 15	11 54	12 24	7 19		n.a.
W30	2n 4	20n51	4n57	2n12	0n40	3n56	0s 8	8s20	0s43	7n41	0s23	25s10	1s31	6s57	0s43	4n44	1s41	40n 4	17n14	11s56	12s26	7n23		n.a.

Julian Day Number = 190750.5, Delta T = 32h28m28s
Ecliptic obliquity = 24°07'06, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'43, Lahiri = -61°31'43 Julian Calendar 1 Apr. 4191 BCE == Greg. Calendar 27 Feb. 4191 BCE

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

MAY 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 25 10	5♈59'51	24♉56	6♈ 4	11♈11	11♓38	20♈14	11♏ 1	14♓30	15♈34	17♋ 2	29°R31	28♒10	10♈28	n.a.	T 1
F 2	12 29 7	6°56'52	7♊ 7	8°13	12°25	12°18	20°27	11° 4	14°33	15°36	17° 2	29♒26	28° 7	10°35	n.a.	F 2
S 3	12 33 4	7°53'52	19°30	10°22	13°39	12°58	20°41	11° 6	14°37	15°38	17° 2	29°23	28° 4	10°42	n.a.	S 3
S 4	12 37 0	8°50'52	2♋10	12°30	14°53	13°38	20°54	11° 9	14°40	15°40	17° 2	29°21	28° 1	10°48	n.a.	S 4
M 5	12 40 57	9°47'53	15° 9	14°37	16° 6	14°18	21° 7	11°11	14°43	15°43	17° 3	29°D21	27°57	10°55	n.a.	M 5
T 6	12 44 53	10°44'54	28°31	16°43	17°20	14°58	21°20	11°14	14°47	15°45	17° 3	29°22	27°54	11° 2	n.a.	T 6
W 7	12 48 50	11°41'54	12♌19	18°47	18°34	15°38	21°34	11°16	14°50	15°47	17° 3	29°23	27°51	11° 8	n.a.	W 7
T 8	12 52 47	12°38'56	26°32	20°50	19°48	16°18	21°47	11°18	14°53	15°49	17° 3	29°R24	27°48	11°15	n.a.	T 8
F 9	12 56 43	13°35'57	11♍11	22°51	21° 2	16°58	22° 0	11°20	14°56	15°51	17° 4	29°24	27°45	11°22	n.a.	F 9
S 10	13 0 40	14°32'58	26°11	24°51	22°16	17°38	22°14	11°22	14°59	15°54	17° 4	29°21	27°42	11°29	n.a.	S 10
S 11	13 4 36	15°30'01	11♎24	26°49	23°29	18°17	22°27	11°24	15° 3	15°56	17° 4	29°17	27°38	11°35	n.a.	S 11
M12	13 8 33	16°27'03	26°40	28°45	24°43	18°57	22°40	11°25	15° 6	15°58	17° 5	29°11	27°35	11°42	n.a.	M12
T 13	13 12 29	17°24'07	11♏49	0♉40	25°57	19°37	22°54	11°27	15° 9	16° 0	17° 5	29° 4	27°32	11°49	n.a.	T 13
W14	13 16 26	18°21'12	26°42	2°32	27°11	20°16	23° 7	11°28	15°12	16° 3	17° 5	28°57	27°29	11°55	n.a.	W14
T 15	13 20 23	19°18'17	11♐ 9	4°23	28°25	20°56	23°20	11°30	15°15	16° 5	17° 6	28°51	27°26	12° 2	n.a.	T 15
F 16	13 24 19	20°15'24	25° 9	6°12	29°39	21°35	23°34	11°31	15°18	16° 7	17° 6	28°47	27°23	12° 9	n.a.	F 16
S 17	13 28 16	21°12'32	8♑39	8° 0	0♉52	22°15	23°47	11°32	15°21	16° 9	17° 7	28°44	27°19	12°15	n.a.	S 17
S 18	13 32 12	22° 9'40	21°42	9°45	2° 6	22°54	24° 0	11°33	15°24	16°11	17° 7	28°D43	27°16	12°22	n.a.	S 18
M19	13 36 9	23° 6'50	4♒21	11°29	3°20	23°34	24°14	11°34	15°27	16°14	17° 8	28°44	27°13	12°29	n.a.	M19
T 20	13 40 5	24° 4'01	16°41	13°11	4°34	24°13	24°27	11°35	15°30	16°16	17° 9	28°45	27°10	12°35	n.a.	T 20
W21	13 44 2	25° 1'14	28°47	14°51	5°48	24°52	24°41	11°36	15°33	16°18	17° 9	28°R45	27° 7	12°42	n.a.	W21
T 22	13 47 59	25°58'27	10♓43	16°29	7° 2	25°31	24°54	11°36	15°36	16°20	17°10	28°44	27° 3	12°49	n.a.	T 22
F 23	13 51 55	26°55'42	22°34	18° 6	8°16	26°11	25° 7	11°37	15°39	16°23	17°11	28°41	27° 0	12°55	n.a.	F 23
S 24	13 55 52	27°52'57	4♈22	19°41	9°30	26°50	25°21	11°37	15°41	16°25	17°12	28°36	26°57	13° 2	n.a.	S 24
S 25	13 59 48	28°50'14	16°11	21°14	10°44	27°29	25°34	11°38	15°44	16°27	17°12	28°28	26°54	13° 9	n.a.	S 25
M26	14 3 45	29°47'33	28° 3	22°45	11°58	28° 8	25°47	11°38	15°47	16°29	17°13	28°19	26°51	13°15	n.a.	M26
T 27	14 7 41	0♉44'52	10♉ 0	24°14	13°12	28°47	26° 1	11°R38	15°50	16°31	17°14	28° 7	26°48	13°22	n.a.	T 27
W28	14 11 38	1°42'13	22° 3	25°42	14°26	29°26	26°14	11°38	15°52	16°33	17°15	27°56	26°44	13°29	n.a.	W28
T 29	14 15 35	2°39'34	4♊13	27° 8	15°40	0♈ 5	26°28	11°38	15°55	16°36	17°16	27°44	26°41	13°36	n.a.	T 29
F 30	14 19 31	3°36'57	16°32	28°31	16°54	0°44	26°41	11°37	15°58	16°38	17°17	27°35	26°38	13°42	n.a.	F 30
S 31	14 23 28	4♉34'21	29♊ 2	29♉53	18♉ 8	1♈22	26♈54	11♏37	16♓ 0	16♈40	17♋18	27♒28	26♒35	13♈49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	2n27	24n32	5n 9	3n13	0n49	4n28	0s 6	8s 3	0s43	7n47	0s23	25s10	1s31	6s55	0s43	4n45	1s41	40n 3	17n14	11s58	12s27	7n26			n.a.
F 2	2 50	27 10	5 8	4 14	0 58	5 0	0 3	7 47	0 42	7 52	0 22	25 10	1 32	6 54	0 43	4 46	1 41	40 3	17 13	12 0	12 28	7 29			n.a.
S 3	3 13	28 32	4 52	5 14	1 7	5 31	0 1	7 31	0 42	7 57	0 22	25 10	1 32	6 53	0 43	4 47	1 41	40 2	17 13	12 1	12 29	7 33			n.a.
S 4	3 36	28 27	4 21	6 13	1 14	6 3	0n 2	7 15	0 41	8 2	0 22	25 10	1 32	6 51	0 43	4 48	1 41	40 2	17 12	12 1	12 30	7 36			n.a.
M 5	3 59	26 49	3 37	7 10	1 22	6 34	0 4	6 58	0 41	8 8	0 22	25 10	1 32	6 50	0 43	4 49	1 41	40 1	17 12	12 1	12 31	7 39			n.a.
T 6	4 22	23 38	2 40	8 6	1 28	7 5	0 6	6 42	0 40	8 13	0 22	25 10	1 33	6 49	0 43	4 49	1 41	40 1	17 11	12 1	12 32	7 42			n.a.
W 7	4 45	19 3	1 31	9 0	1 34	7 37	0 9	6 26	0 40	8 18	0 22	25 10	1 33	6 48	0 43	4 50	1 41	40 0	17 11	12 1	12 33	7 46			n.a.
T 8	5 8	13 16	0 16	9 53	1 40	8 7	0 11	6 9	0 40	8 23	0 22	25 10	1 33	6 46	0 43	4 51	1 41	39 59	17 10	12 0	12 35	7 49			n.a.
F 9	5 31	6 36	1s 3	10 45	1 45	8 38	0 13	5 53	0 39	8 28	0 22	25 10	1 33	6 45	0 43	4 52	1 41	39 59	17 10	12 0	12 36	7 52			n.a.
S 10	5 53	0s34	2 20	11 34	1 49	9 9	0 16	5 37	0 39	8 34	0 21	25 10	1 34	6 44	0 43	4 53	1 41	39 58	17 9	12 1	12 37	7 56			n.a.
S 11	6 16	7 47	3 27	12 22	1 52	9 39	0 18	5 20	0 38	8 39	0 21	25 10	1 34	6 43	0 43	4 54	1 41	39 58	17 8	12 3	12 38	7 59			n.a.
M12	6 39	14 35	4 20	13 7	1 55	10 9	0 20	5 4	0 38	8 44	0 21	25 11	1 34	6 41	0 43	4 55	1 41	39 57	17 8	12 5	12 39	8 2			n.a.
T 13	7 1	20 27	4 54	13 51	1 57	10 39	0 23	4 47	0 37	8 49	0 21	25 11	1 34	6 40	0 43	4 56	1 41	39 56	17 7	12 7	12 40	8 5			n.a.
W14	7 23	24 56	5 7	14 33	1 59	11 9	0 25	4 31	0 37	8 54	0 21	25 11	1 35	6 39	0 43	4 57	1 41	39 56	17 7	12 10	12 41	8 9			n.a.
T 15	7 46	27 42	5 0	15 13	2 0	11 38	0 27	4 15	0 36	9 0	0 21	25 11	1 35	6 38	0 43	4 57	1 41	39 55	17 6	12 12	12 42	8 12			n.a.
F 16	8 8	28 37	4 36	15 52	2 1	12 7	0 30	3 58	0 36	9 5	0 21	25 11	1 35	6 36	0 43	4 58	1 41	39 55	17 6	12 14	12 44	8 15			n.a.
S 17	8 30	27 45	3 56	16 28	2 1	12 36	0 32	3 42	0 35	9 10	0 21	25 11	1 36	6 35	0 43	4 59	1 41	39 54	17 5	12 15	12 45	8 18			n.a.
S 18	8 52	25 22	3 6	17 2	2 0	13 5	0 34	3 25	0 34	9 15	0 21	25 11	1 36	6 34	0 43	5 0	1 41	39 53	17 5	12 15	12 46	8 22			n.a.
M19	9 14	21 46	2 7	17 35	1 59	13 33	0 36	3 9	0 34	9 20	0 20	25 12	1 36	6 33	0 43	5 1	1 41	39 53	17 4	12 15	12 47	8 25			n.a.
T 20	9 35	17 18	1 4	18 5	1 57	14 1	0 39	2 52	0 33	9 25	0 20	25 12	1 36	6 32	0 43	5 2	1 41	39 52	17 4	12 14	12 48	8 28			n.a.
W21	9 57	12 13	0n 0	18 34	1 55	14 28	0 41	2 36	0 33	9 31	0 20	25 12	1 37	6 31	0 43	5 3	1 41	39 52	17 3	12 14	12 49	8 32			n.a.
T 22	10 18	6 46	1 4	19 1	1 52	14 55	0 43	2 19	0 32	9 36	0 20	25 12	1 37	6 29	0 43	5 4	1 41	39 51	17 3	12 15	12 50	8 35			n.a.
F 23	10 40	1 9	2 4	19 26	1 49	15 22	0 45	2 3	0 32	9 41	0 20	25 12	1 37	6 28	0 43	5 4	1 41	39 50	17 2	12 16	12 51	8 38			n.a.
S 24	11 1	4n30	2 58	19 50	1 45	15 48	0 47	1 46	0 31	9 46	0 20	25 13	1 37	6 27	0 43	5 5	1 41	39 50	17 1	12 17	12 53	8 41			n.a.
S 25	11 22	9 59	3 45	20 11	1 41	16 14	0 49	1 30	0 31	9 51	0 20	25 13	1 38	6 26	0 43	5 6	1 41	39 49	17 1	12 20	12 54	8 45			n.a.
M26	11 43	15 8	4 22	20 31	1 36	16 40	0 51	1 13	0 30	9 56	0 20	25 13	1 38	6 25	0 43	5 7	1 41	39 48	17 0	12 24	12 55	8 48			n.a.
T 27	12 3	19 46	4 48	20 50	1 31	17 5	0 53	0 57	0 30	10 1	0 20	25 13	1 38	6 24	0 43	5 8	1 41	39 48	17 0	12 28	12 56	8 51			n.a.
W28	12 24	23 38	5 1	21 6	1 25	17 30	0 55	0 41	0 29	10 6	0 19	25 14	1 38	6 23	0 43	5 9	1 41	39 47	16 59	12 32	12 57	8 54			n.a.
T 29	12 44	26 30	5 1	21 21	1 19	17 54	0 57	0 24	0 29	10 11	0 19	25 14	1 39	6 22	0 43	5 10	1 41	39 46	16 59	12 36	12 58	8 57			n.a.
F 30	13 4	28 10	4 46	21 34	1 12	18 18	0 59	0 8	0 28	10 17	0 19	25 14	1 39	6 21	0 43	5 10	1 41	39 46	16 58	12 39	12 59	9 1			n.a.
S 31	13n24	28n25	4n18	21n46	1n 5	18n41	1n 1	0n 9	0s27	10n22	0s19	25s14	1s39	6s20	0s43	5n11	1s41	39n45	16n58	12s42	13s 0	9n 4			n.a.

Julian Day Number = 190780.5, Delta T = 32h28m24s
Ecliptic obliquity = 24°07'06, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'39, Lahiri = -61°31'39 Julian Calendar 1 May 4191 BCE == Greg. Calendar 29 March 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

JUNE 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 27 24	5♉31'46	11♋45	1♊13	19♉22	2♈ 1	27♈ 8	11°R37	16♓ 3	16♈42	17♋19	27°R23	26♒32	13♈56	n.a.	S 1
M 2	14 31 21	6°29'12	24°44	2°31	20°36	2°40	27°21	11♑36	16° 5	16°44	17°20	27♒20	26°28	14° 2	n.a.	M 2
T 3	14 35 18	7°26'39	8♌ 1	3°47	21°50	3°18	27°34	11°36	16° 8	16°46	17°21	27°D20	26°25	14° 9	n.a.	T 3
W 4	14 39 14	8°24'08	21°40	5° 1	23° 4	3°57	27°47	11°35	16°10	16°48	17°22	27°R20	26°22	14°16	n.a.	W 4
T 5	14 43 11	9°21'37	5♍42	6°12	24°18	4°36	28° 1	11°34	16°13	16°51	17°23	27°20	26°19	14°22	n.a.	T 5
F 6	14 47 7	10°19'07	20° 8	7°21	25°32	5°14	28°14	11°33	16°15	16°53	17°25	27°18	26°16	14°29	n.a.	F 6
S 7	14 51 4	11°16'39	4♎54	8°28	26°46	5°53	28°27	11°32	16°18	16°55	17°26	27°14	26°13	14°36	n.a.	S 7
S 8	14 55 0	12°14'12	19°56	9°33	28° 0	6°31	28°40	11°31	16°20	16°57	17°27	27° 8	26° 9	14°42	n.a.	S 8
M 9	14 58 57	13°11'46	5♏ 5	10°34	29°14	7° 9	28°53	11°29	16°22	16°59	17°28	26°59	26° 6	14°49	n.a.	M 9
T 10	15 2 53	14° 9'22	20°11	11°34	0♊28	7°48	29° 7	11°28	16°24	17° 1	17°30	26°48	26° 3	14°56	n.a.	T 10
W11	15 6 50	15° 7'00	5♐ 5	12°30	1°42	8°26	29°20	11°27	16°27	17° 3	17°31	26°38	26° 0	15° 3	n.a.	W11
T 12	15 10 47	16° 4'39	19°36	13°23	2°56	9° 4	29°33	11°25	16°29	17° 5	17°32	26°28	25°57	15° 9	n.a.	T 12
F 13	15 14 43	17° 2'21	3♑41	14°13	4°10	9°42	29°46	11°23	16°31	17° 7	17°34	26°20	25°54	15°16	n.a.	F 13
S 14	15 18 40	18° 0'04	17°16	15° 0	5°24	10°21	29°59	11°22	16°33	17° 9	17°35	26°15	25°50	15°23	n.a.	S 14
S 15	15 22 36	18°57'49	0♒23	15°44	6°38	10°59	0♉12	11°20	16°35	17°11	17°36	26°12	25°47	15°29	n.a.	S 15
M16	15 26 33	19°55'36	13° 4	16°24	7°52	11°37	0°25	11°18	16°37	17°13	17°38	26°11	25°44	15°36	n.a.	M16
T 17	15 30 29	20°53'25	25°25	17° 0	9° 6	12°15	0°38	11°16	16°39	17°15	17°39	26°11	25°41	15°43	n.a.	T 17
W18	15 34 26	21°51'15	7♓30	17°31	10°20	12°53	0°51	11°14	16°41	17°17	17°41	26°11	25°38	15°49	n.a.	W18
T 19	15 38 23	22°49'08	19°24	17°59	11°34	13°31	1° 4	11°11	16°43	17°19	17°42	26° 9	25°34	15°56	n.a.	T 19
F 20	15 42 19	23°47'03	1♈14	18°22	12°48	14° 8	1°17	11° 9	16°45	17°20	17°44	26° 5	25°31	16° 3	n.a.	F 20
S 21	15 46 16	24°45'00	13° 2	18°40	14° 2	14°46	1°29	11° 6	16°46	17°22	17°46	25°59	25°28	16° 9	n.a.	S 21
S 22	15 50 12	25°42'59	24°54	18°53	15°16	15°24	1°42	11° 4	16°48	17°24	17°47	25°50	25°25	16°16	n.a.	S 22
M23	15 54 9	26°41'01	6♉51	19° 1	16°30	16° 2	1°55	11° 1	16°50	17°26	17°49	25°38	25°22	16°23	n.a.	M23
T 24	15 58 5	27°39'04	18°56	19°R 3	17°44	16°39	2° 8	10°59	16°52	17°28	17°51	25°25	25°19	16°30	n.a.	T 24
W25	16 2 2	28°37'09	1♊10	18°59	18°58	17°17	2°20	10°56	16°53	17°30	17°52	25°11	25°15	16°36	n.a.	W25
T 26	16 5 58	29°35'16	13°33	18°50	20°12	17°55	2°33	10°53	16°55	17°31	17°54	24°58	25°12	16°43	n.a.	T 26
F 27	16 9 55	0♊33'25	26° 6	18°34	21°26	18°32	2°45	10°50	16°56	17°33	17°56	24°46	25° 9	16°50	n.a.	F 27
S 28	16 13 52	1°31'36	8♋50	18°12	22°40	19°10	2°58	10°47	16°58	17°35	17°57	24°37	25° 6	16°56	n.a.	S 28
S 29	16 17 48	2°29'49	21°45	17°45	23°54	19°47	3°10	10°44	16°59	17°37	17°59	24°31	25° 3	17° 3	n.a.	S 29
M30	16 21 45	3♊28'03	4♌53	17♊11	25♊ 9	20♈24	3♉23	10♑40	17♓ 0	17♈38	18♋ 1	24♒28	25♒ 0	17♈10	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n44	27n11	3n37	21n56	0n58	19n 4	1n 3	0n25	0s27	10n27	0s19	25s15	1s39	6s19	0s43	5n12	1s41	39n44	16n57	12s44	13s 1	9n 7		n.a.
M 2	14 4	24 28	2 44	22 5	0 50	19 26	1 5	0 41	0 26	10 32	0 19	25 15	1 40	6 18	0 43	5 13	1 41	39 44	16 57	12 44	13 3	9 10		n.a.
T 3	14 23	20 24	1 41	22 12	0 42	19 48	1 6	0 58	0 26	10 37	0 19	25 15	1 40	6 17	0 43	5 14	1 41	39 43	16 56	12 45	13 4	9 14		n.a.
W 4	14 42	15 9	0 30	22 18	0 34	20 9	1 8	1 14	0 25	10 42	0 19	25 16	1 40	6 16	0 43	5 15	1 41	39 42	16 56	12 44	13 5	9 17		n.a.
T 5	15 1	9 0	0s44	22 22	0 25	20 30	1 10	1 30	0 25	10 47	0 19	25 16	1 40	6 15	0 43	5 15	1 41	39 42	16 55	12 44	13 6	9 20		n.a.
F 6	15 20	2 13	1 58	22 25	0 16	20 50	1 11	1 46	0 24	10 52	0 18	25 16	1 41	6 14	0 43	5 16	1 41	39 41	16 55	12 45	13 7	9 23		n.a.
S 7	15 38	4s49	3 5	22 27	0 6	21 10	1 13	2 2	0 23	10 56	0 18	25 17	1 41	6 13	0 43	5 17	1 41	39 40	16 54	12 46	13 8	9 27		n.a.
S 8	15 56	11 42	4 0	22 27	0s 3	21 29	1 14	2 19	0 23	11 1	0 18	25 17	1 41	6 12	0 43	5 18	1 41	39 40	16 54	12 49	13 9	9 30		n.a.
M 9	16 14	17 57	4 39	22 27	0 13	21 47	1 16	2 35	0 22	11 6	0 18	25 17	1 41	6 11	0 43	5 19	1 41	39 39	16 53	12 52	13 10	9 33		n.a.
T 10	16 32	23 5	4 59	22 25	0 24	22 5	1 17	2 51	0 22	11 11	0 18	25 18	1 42	6 10	0 43	5 19	1 41	39 39	16 53	12 56	13 11	9 36		n.a.
W11	16 50	26 37	4 58	22 22	0 35	22 22	1 18	3 7	0 21	11 16	0 18	25 18	1 42	6 10	0 43	5 20	1 41	39 38	16 52	12 59	13 13	9 39		n.a.
T 12	17 7	28 18	4 37	22 18	0 46	22 38	1 20	3 23	0 21	11 21	0 18	25 18	1 42	6 9	0 43	5 21	1 41	39 37	16 52	13 3	13 14	9 43		n.a.
F 13	17 24	28 4	4 0	22 13	0 57	22 54	1 21	3 39	0 20	11 26	0 18	25 19	1 42	6 8	0 43	5 22	1 41	39 37	16 52	13 5	13 15	9 46		n.a.
S 14	17 41	26 7	3 10	22 7	1 8	23 9	1 22	3 55	0 19	11 31	0 18	25 19	1 43	6 7	0 44	5 22	1 41	39 36	16 51	13 7	13 16	9 49		n.a.
S 15	17 57	22 47	2 12	22 1	1 20	23 24	1 23	4 11	0 19	11 35	0 18	25 20	1 43	6 6	0 44	5 23	1 41	39 35	16 51	13 8	13 17	9 52		n.a.
M16	18 13	18 28	1 9	21 53	1 31	23 38	1 24	4 26	0 18	11 40	0 17	25 20	1 43	6 6	0 44	5 24	1 41	39 35	16 50	13 9	13 18	9 55		n.a.
T 17	18 29	13 29	0 4	21 45	1 43	23 51	1 25	4 42	0 17	11 45	0 17	25 20	1 43	6 5	0 44	5 25	1 41	39 34	16 50	13 9	13 19	9 59		n.a.
W18	18 45	8 5	0n59	21 36	1 55	24 3	1 26	4 58	0 17	11 50	0 17	25 21	1 44	6 4	0 44	5 25	1 41	39 33	16 49	13 9	13 20	10 2		n.a.
T 19	19 0	2 29	1 59	21 27	2 7	24 15	1 27	5 14	0 16	11 54	0 17	25 21	1 44	6 3	0 44	5 26	1 41	39 33	16 49	13 9	13 21	10 5		n.a.
F 20	19 15	3n 9	2 54	21 17	2 19	24 26	1 28	5 29	0 16	11 59	0 17	25 22	1 44	6 3	0 44	5 27	1 41	39 32	16 48	13 11	13 22	10 8		n.a.
S 21	19 29	8 39	3 40	21 7	2 31	24 36	1 29	5 45	0 15	12 4	0 17	25 22	1 44	6 2	0 44	5 28	1 41	39 31	16 48	13 13	13 24	10 11		n.a.
S 22	19 44	13 53	4 18	20 56	2 43	24 45	1 29	6 1	0 14	12 8	0 17	25 23	1 45	6 1	0 44	5 28	1 41	39 31	16 48	13 16	13 25	10 14		n.a.
M23	19 58	18 38	4 44	20 45	2 54	24 54	1 30	6 16	0 14	12 13	0 17	25 23	1 45	6 1	0 44	5 29	1 41	39 30	16 47	13 20	13 26	10 18		n.a.
T 24	20 12	22 42	4 58	20 34	3 6	25 2	1 31	6 32	0 13	12 17	0 17	25 24	1 45	6 0	0 44	5 30	1 41	39 29	16 47	13 25	13 27	10 21		n.a.
W25	20 25	25 49	4 58	20 23	3 16	25 9	1 31	6 47	0 12	12 22	0 17	25 24	1 45	5 59	0 44	5 30	1 41	39 29	16 46	13 30	13 28	10 24		n.a.
T 26	20 38	27 46	4 44	20 12	3 27	25 16	1 31	7 2	0 12	12 27	0 16	25 25	1 45	5 59	0 44	5 31	1 41	39 28	16 46	13 34	13 29	10 27		n.a.
F 27	20 51	28 20	4 17	20 1	3 36	25 22	1 32	7 18	0 11	12 31	0 16	25 25	1 46	5 58	0 44	5 32	1 41	39 27	16 46	13 38	13 30	10 30		n.a.
S 28	21 3	27 24	3 36	19 50	3 45	25 26	1 32	7 33	0 10	12 36	0 16	25 26	1 46	5 58	0 44	5 32	1 41	39 27	16 45	13 41	13 31	10 33		n.a.
S 29	21 15	24 59	2 43	19 40	3 53	25 31	1 32	7 48	0 10	12 40	0 16	25 26	1 46	5 57	0 44	5 33	1 41	39 26	16 45	13 43	13 32	10 37		n.a.
M30	21n26	21n13	1n41	19n30	4s 0	25n34	1n32	8n 3	0s 9	12n45	0s16	25s26	1s46	5s57	0s44	5n34	1s41	39n25	16n45	13s44	13s33	10n40		n.a.

Julian Day Number = 190811.5, Delta T = 32h28m21s
Ecliptic obliquity = 24°07'06, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'35, Lahiri = -61°31'35 Julian Calendar 1 June 4191 BCE == Greg. Calendar 29 Apr. 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

JULY 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 25 41	4♊26'19	18♌14	16°R31	26♊23	21♈ 2	3♉35	10°R37	17♓ 2	17♈40	18♋ 3	24°R27	24♒56	17♈16	n.a.	T 1
W 2	16 29 38	5°24'37	1♍52	15♊46	27°37	21°39	3°48	10♉34	17° 3	17°42	18° 5	24♒27	24°53	17°23	n.a.	W 2
T 3	16 33 34	6°22'57	15°46	14°57	28°51	22°16	4° 0	10°30	17° 4	17°43	18° 7	24°26	24°50	17°30	n.a.	T 3
F 4	16 37 31	7°21'18	29°58	14° 3	0♋ 5	22°53	4°12	10°26	17° 5	17°45	18° 9	24°25	24°47	17°37	n.a.	F 4
S 5	16 41 27	8°19'42	14♎26	13° 6	1°19	23°30	4°24	10°23	17° 7	17°46	18°10	24°21	24°44	17°43	n.a.	S 5
S 6	16 45 24	9°18'07	29° 7	12° 7	2°33	24° 7	4°36	10°19	17° 8	17°48	18°12	24°14	24°40	17°50	n.a.	S 6
M 7	16 49 21	10°16'34	13♏56	11° 7	3°47	24°44	4°48	10°15	17° 9	17°49	18°14	24° 6	24°37	17°57	n.a.	M 7
T 8	16 53 17	11°15'03	28°44	10° 8	5° 1	25°21	5° 0	10°11	17°10	17°51	18°16	23°55	24°34	18° 3	n.a.	T 8
W 9	16 57 14	12°13'35	13♐23	9°10	6°15	25°58	5°12	10° 8	17°11	17°52	18°18	23°44	24°31	18°10	n.a.	W 9
T 10	17 1 10	13°12'08	27°46	8°16	7°29	26°35	5°24	10° 4	17°12	17°54	18°20	23°35	24°28	18°17	n.a.	T 10
F 11	17 5 7	14°10'44	11♑46	7°26	8°43	27°12	5°36	10° 0	17°12	17°55	18°22	23°26	24°25	18°23	n.a.	F 11
S 12	17 9 3	15° 9'22	25°20	6°42	9°56	27°49	5°48	9°55	17°13	17°57	18°24	23°21	24°21	18°30	n.a.	S 12
S 13	17 13 0	16° 8'02	8♒28	6° 4	11°10	28°25	5°59	9°51	17°14	17°58	18°27	23°18	24°18	18°37	n.a.	S 13
M14	17 16 56	17° 6'45	21°12	5°35	12°24	29° 2	6°11	9°47	17°15	17°59	18°29	23°D17	24°15	18°44	n.a.	M14
T 15	17 20 53	18° 5'30	3♓35	5°14	13°38	29°38	6°22	9°43	17°15	18° 1	18°31	23°17	24°12	18°50	n.a.	T 15
W16	17 24 49	19° 4'18	15°42	5° 2	14°52	0♉15	6°34	9°38	17°16	18° 2	18°33	23°R18	24° 9	18°57	n.a.	W16
T 17	17 28 46	20° 3'08	27°38	4°D59	16° 6	0°51	6°45	9°34	17°16	18° 3	18°35	23°17	24° 6	19° 4	n.a.	T 17
F 18	17 32 43	21° 2'01	9♈29	5° 6	17°20	1°28	6°57	9°30	17°17	18° 4	18°37	23°15	24° 2	19°10	n.a.	F 18
S 19	17 36 39	22° 0'56	21°19	5°23	18°34	2° 4	7° 8	9°25	17°17	18° 6	18°39	23°11	23°59	19°17	n.a.	S 19
S 20	17 40 36	22°59'54	3♉14	5°49	19°48	2°41	7°19	9°21	17°18	18° 7	18°42	23° 5	23°56	19°24	n.a.	S 20
M21	17 44 32	23°58'55	15°16	6°25	21° 2	3°17	7°30	9°16	17°18	18° 8	18°44	22°56	23°53	19°30	n.a.	M21
T 22	17 48 29	24°57'57	27°29	7° 9	22°16	3°53	7°41	9°11	17°18	18° 9	18°46	22°46	23°50	19°37	n.a.	T 22
W23	17 52 25	25°57'03	9♊54	8° 1	23°29	4°29	7°52	9° 7	17°18	18°10	18°48	22°35	23°46	19°44	n.a.	W23
T 24	17 56 22	26°56'10	22°33	9° 1	24°43	5° 5	8° 3	9° 2	17°19	18°11	18°50	22°25	23°43	19°51	n.a.	T 24
F 25	18 0 18	27°55'20	5♋24	10° 8	25°57	5°41	8°14	8°57	17°19	18°12	18°53	22°16	23°40	19°57	n.a.	F 25
S 26	18 4 15	28°54'33	18°29	11°22	27°11	6°17	8°24	8°53	17°19	18°13	18°55	22° 9	23°37	20° 4	n.a.	S 26
S 27	18 8 11	29°53'47	1♌44	12°41	28°25	6°53	8°35	8°48	17°R19	18°14	18°57	22° 5	23°34	20°11	n.a.	S 27
M28	18 12 8	0♋53'03	15°11	14° 5	29°38	7°29	8°45	8°43	17°19	18°15	18°59	22° 3	23°31	20°17	n.a.	M28
T 29	18 16 4	1°52'22	28°48	15°34	0♌52	8° 4	8°56	8°38	17°19	18°16	19° 2	22°D 3	23°27	20°24	n.a.	T 29
W30	18 20 1	2°51'43	12♍35	17° 6	2° 6	8°40	9° 6	8°34	17°18	18°17	19° 4	22° 4	23°24	20°31	n.a.	W30
T 31	18 23 57	3♋51'05	26♍32	18♊42	3♌20	9♉16	9♉16	8♑29	17♓18	18♈18	19♋ 6	22♒ 5	23♒21	20♈37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21n38	16n19	0n33	19n21	4s 5	25n36	1n32	8n18	0s 9	12n49	0s16	25s27	1s47	5s56	0s44	5n34	1s41	39n25	16n44	13s45	13s35	10n43			n.a.
W 2	21 49	10 30	0s39	19 13	4 9	25 38	1 32	8 33	0 8	12 53	0 16	25 27	1 47	5 56	0 44	5 35	1 41	39 24	16 44	13 45	13 36	10 46			n.a.
T 3	21 59	4 5	1 50	19 5	4 11	25 39	1 32	8 48	0 7	12 58	0 16	25 28	1 47	5 55	0 44	5 35	1 41	39 23	16 44	13 45	13 37	10 49			n.a.
F 4	22 9	2s40	2 56	18 58	4 12	25 39	1 32	9 3	0 6	13 2	0 16	25 28	1 47	5 55	0 44	5 36	1 41	39 23	16 43	13 45	13 38	10 52			n.a.
S 5	22 19	9 23	3 52	18 53	4 10	25 39	1 32	9 17	0 6	13 6	0 16	25 29	1 47	5 54	0 44	5 37	1 41	39 22	16 43	13 47	13 39	10 55			n.a.
S 6	22 28	15 42	4 33	18 49	4 7	25 37	1 32	9 32	0 5	13 11	0 15	25 29	1 48	5 54	0 44	5 37	1 42	39 22	16 43	13 49	13 40	10 59			n.a.
M 7	22 37	21 10	4 57	18 46	4 1	25 35	1 31	9 47	0 4	13 15	0 15	25 30	1 48	5 53	0 44	5 38	1 42	39 21	16 42	13 52	13 41	11 2			n.a.
T 8	22 46	25 19	5 0	18 45	3 54	25 32	1 31	10 1	0 4	13 19	0 15	25 30	1 48	5 53	0 44	5 38	1 42	39 20	16 42	13 55	13 42	11 5			n.a.
W 9	22 54	27 45	4 44	18 46	3 44	25 28	1 30	10 16	0 3	13 23	0 15	25 31	1 48	5 53	0 44	5 39	1 42	39 20	16 42	13 59	13 43	11 8			n.a.
T 10	23 1	28 16	4 10	18 48	3 33	25 24	1 30	10 30	0 2	13 27	0 15	25 31	1 48	5 52	0 44	5 39	1 42	39 19	16 41	14 2	13 44	11 11			n.a.
F 11	23 9	26 55	3 21	18 53	3 20	25 18	1 29	10 44	0 2	13 32	0 15	25 32	1 49	5 52	0 44	5 40	1 42	39 19	16 41	14 5	13 45	11 14			n.a.
S 12	23 16	24 0	2 23	18 59	3 6	25 12	1 28	10 59	0 1	13 36	0 15	25 32	1 49	5 52	0 44	5 40	1 42	39 18	16 41	14 7	13 47	11 17			n.a.
S 13	23 22	19 55	1 18	19 8	2 50	25 5	1 28	11 13	0 0	13 40	0 15	25 33	1 49	5 52	0 44	5 41	1 42	39 17	16 41	14 8	13 48	11 20			n.a.
M14	23 28	15 1	0 11	19 19	2 34	24 58	1 27	11 27	0n 0	13 44	0 15	25 33	1 49	5 51	0 44	5 41	1 42	39 17	16 40	14 8	13 49	11 24			n.a.
T 15	23 34	9 38	0n55	19 32	2 17	24 49	1 26	11 41	0 1	13 48	0 15	25 34	1 49	5 51	0 44	5 42	1 42	39 16	16 40	14 8	13 50	11 27			n.a.
W16	23 39	4 1	1 57	19 47	1 59	24 40	1 25	11 55	0 2	13 52	0 14	25 34	1 49	5 51	0 45	5 42	1 42	39 16	16 40	14 8	13 51	11 30			n.a.
T 17	23 44	1n39	2 52	20 5	1 41	24 30	1 24	12 8	0 3	13 56	0 14	25 35	1 50	5 51	0 45	5 43	1 42	39 15	16 40	14 8	13 52	11 33			n.a.
F 18	23 48	7 13	3 40	20 23	1 23	24 19	1 23	12 22	0 3	14 0	0 14	25 35	1 50	5 51	0 45	5 43	1 42	39 14	16 39	14 9	13 53	11 36			n.a.
S 19	23 52	12 31	4 19	20 44	1 6	24 8	1 21	12 36	0 4	14 3	0 14	25 36	1 50	5 50	0 45	5 44	1 42	39 14	16 39	14 10	13 54	11 39			n.a.
S 20	23 55	17 24	4 46	21 6	0 48	23 56	1 20	12 49	0 5	14 7	0 14	25 36	1 50	5 50	0 45	5 44	1 42	39 13	16 39	14 13	13 55	11 42			n.a.
M21	23 58	21 39	5 1	21 28	0 32	23 43	1 19	13 3	0 6	14 11	0 14	25 37	1 50	5 50	0 45	5 44	1 42	39 13	16 39	14 15	13 56	11 45			n.a.
T 22	24 1	25 4	5 3	21 52	0 16	23 29	1 17	13 16	0 6	14 15	0 14	25 37	1 50	5 50	0 45	5 45	1 42	39 12	16 38	14 19	13 57	11 48			n.a.
W23	24 3	27 21	4 51	22 15	0 1	23 15	1 16	13 29	0 7	14 19	0 14	25 38	1 50	5 50	0 45	5 45	1 42	39 12	16 38	14 22	13 58	11 51			n.a.
T 24	24 5	28 17	4 24	22 39	0n14	23 0	1 14	13 42	0 8	14 22	0 14	25 38	1 51	5 50	0 45	5 46	1 42	39 11	16 38	14 26	14 0	11 55			n.a.
F 25	24 6	27 43	3 43	23 3	0 27	22 45	1 13	13 56	0 9	14 26	0 14	25 39	1 51	5 50	0 45	5 46	1 42	39 11	16 38	14 29	14 1	11 58			n.a.
S 26	24 7	25 36	2 50	23 26	0 40	22 28	1 11	14 8	0 9	14 30	0 14	25 39	1 51	5 50	0 45	5 46	1 42	39 10	16 38	14 31	14 2	12 1			n.a.
S 27	24 7	22 4	1 47	23 48	0 51	22 12	1 9	14 21	0 10	14 33	0 13	25 40	1 51	5 50	0 45	5 47	1 42	39 10	16 38	14 33	14 3	12 4			n.a.
M28	24 7	17 19	0 37	24 9	1 1	21 54	1 7	14 34	0 11	14 37	0 13	25 40	1 51	5 50	0 45	5 47	1 42	39 9	16 37	14 33	14 4	12 7			n.a.
T 29	24 6	11 39	0s36	24 29	1 11	21 36	1 5	14 47	0 12	14 40	0 13	25 41	1 51	5 50	0 45	5 47	1 42	39 8	16 37	14 33	14 5	12 10			n.a.
W30	24 5	5 22	1 48	24 47	1 19	21 17	1 4	14 59	0 13	14 44	0 13	25 41	1 51	5 50	0 45	5 48	1 43	39 8	16 37	14 33	14 6	12 13			n.a.
T 31	24n 3	1s14	2s55	25n 3	1n26	20n58	1n 2	15n12	0n13	14n47	0s13	25s41	1s51	5s50	0s45	5n48	1s43	39n 7	16n37	14s33	14s 7	12n16			n.a.

Julian Day Number = 190841.5, Delta T = 32h28m18s
Ecliptic obliquity = 24°07'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'31, Lahiri = -61°31'31 Julian Calendar 1 July 4191 BCE == Greg. Calendar 29 May 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

AUGUST 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 27 54	4♋50'29	10♎37	20♊20	4♌33	9♉51	9♉26	8°R24	17°R18	18♈19	19♋ 9	22°R 5	23♒18	20♈44	n.a.	F 1
S 2	18 31 51	5°49'56	24°52	22° 1	5°47	10°27	9°36	8♏19	17♓18	18°19	19°11	22♒ 3	23°15	20°51	n.a.	S 2
S 3	18 35 47	6°49'24	9♏12	23°43	7° 1	11° 2	9°46	8°14	17°17	18°20	19°13	22° 0	23°12	20°58	n.a.	S 3
M 4	18 39 44	7°48'55	23°35	25°27	8°14	11°38	9°56	8° 9	17°17	18°21	19°16	21°54	23° 8	21° 4	n.a.	M 4
T 5	18 43 40	8°48'28	7♐56	27°11	9°28	12°13	10° 6	8° 5	17°16	18°22	19°18	21°48	23° 5	21°11	n.a.	T 5
W 6	18 47 37	9°48'03	22° 9	28°56	10°42	12°48	10°15	8° 0	17°16	18°22	19°20	21°41	23° 2	21°18	n.a.	W 6
T 7	18 51 33	10°47'40	6♑10	0♋42	11°55	13°23	10°25	7°55	17°15	18°23	19°23	21°34	22°59	21°24	n.a.	T 7
F 8	18 55 30	11°47'19	19°53	2°28	13° 9	13°58	10°34	7°50	17°15	18°23	19°25	21°29	22°56	21°31	n.a.	F 8
S 9	18 59 26	12°47'00	3♒17	4°14	14°22	14°33	10°43	7°45	17°14	18°24	19°27	21°26	22°52	21°38	n.a.	S 9
S 10	19 3 23	13°46'44	16°19	6° 1	15°36	15° 8	10°52	7°40	17°13	18°24	19°30	21°D24	22°49	21°44	n.a.	S 10
M11	19 7 19	14°46'31	29° 1	7°46	16°49	15°43	11° 1	7°36	17°13	18°25	19°32	21°24	22°46	21°51	n.a.	M11
T 12	19 11 16	15°46'19	11♓24	9°32	18° 3	16°18	11°10	7°31	17°12	18°25	19°35	21°26	22°43	21°58	n.a.	T 12
W13	19 15 12	16°46'10	23°32	11°17	19°16	16°52	11°19	7°26	17°11	18°26	19°37	21°27	22°40	22° 5	n.a.	W13
T 14	19 19 9	17°46'04	5♈30	13° 2	20°29	17°27	11°28	7°21	17°10	18°26	19°39	21°29	22°37	22°11	n.a.	T 14
F 15	19 23 5	18°45'59	17°23	14°46	21°43	18° 2	11°36	7°17	17° 9	18°26	19°42	21°R30	22°33	22°18	n.a.	F 15
S 16	19 27 2	19°45'58	29°14	16°30	22°56	18°36	11°45	7°12	17° 8	18°27	19°44	21°29	22°30	22°25	n.a.	S 16
S 17	19 30 59	20°45'59	11♉10	18°13	24° 9	19°11	11°53	7° 7	17° 7	18°27	19°46	21°27	22°27	22°31	n.a.	S 17
M18	19 34 55	21°46'02	23°14	19°56	25°23	19°45	12° 1	7° 3	17° 6	18°27	19°49	21°24	22°24	22°38	n.a.	M18
T 19	19 38 52	22°46'08	5♊32	21°38	26°36	20°19	12° 9	6°58	17° 5	18°28	19°51	21°20	22°21	22°45	n.a.	T 19
W20	19 42 48	23°46'16	18° 4	23°20	27°49	20°53	12°17	6°54	17° 4	18°28	19°54	21°15	22°18	22°52	n.a.	W20
T 21	19 46 45	24°46'26	0♋55	25° 0	29° 3	21°27	12°25	6°49	17° 2	18°28	19°56	21°10	22°14	22°58	n.a.	T 21
F 22	19 50 41	25°46'39	14° 3	26°41	0♍16	22° 1	12°32	6°45	17° 1	18°28	19°58	21° 7	22°11	23° 5	n.a.	F 22
S 23	19 54 38	26°46'54	27°28	28°20	1°29	22°35	12°40	6°40	17° 0	18°28	20° 1	21° 4	22° 8	23°12	n.a.	S 23
S 24	19 58 34	27°47'11	11♌ 9	29°59	2°42	23° 9	12°47	6°36	16°58	18°R28	20° 3	21° 2	22° 5	23°18	n.a.	S 24
M25	20 2 31	28°47'29	25° 2	1♌38	3°55	23°43	12°54	6°32	16°57	18°28	20° 5	21°D 2	22° 2	23°25	n.a.	M25
T 26	20 6 27	29°47'50	9♍ 5	3°16	5° 8	24°16	13° 1	6°27	16°55	18°28	20° 8	21° 3	21°58	23°32	n.a.	T 26
W27	20 10 24	0♌48'12	23°14	4°54	6°21	24°50	13° 8	6°23	16°54	18°28	20°10	21° 4	21°55	23°38	n.a.	W27
T 28	20 14 20	1°48'36	7♎27	6°31	7°34	25°23	13°15	6°19	16°52	18°28	20°13	21° 5	21°52	23°45	n.a.	T 28
F 29	20 18 17	2°49'02	21°40	8° 7	8°47	25°57	13°22	6°15	16°51	18°28	20°15	21° 6	21°49	23°52	n.a.	F 29
S 30	20 22 14	3°49'30	5♏51	9°43	10° 0	26°30	13°28	6°11	16°49	18°28	20°17	21°R 7	21°46	23°59	n.a.	S 30
S 31	20 26 10	4♌49'59	19♏59	11♌19	11♍13	27♉ 3	13♉34	6♏ 7	16♓47	18♈27	20♋20	21♒ 6	21♒43	24♈ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	24n 1	7s51	3s51	25n17	1n32	20n38	0n59	15n24	0n14	14n50	0s13	25s42	1s52	5s51	0s45	5n48	1s43	39n 7	16n37	14s33	14s 8	12n19		n.a.	F 1
S 2	23 59	14 8	4 34	25 30	1 38	20 17	0 57	15 36	0 15	14 54	0 13	25 42	1 52	5 51	0 45	5 48	1 43	39 6	16 37	14 33	14 9	12 22		n.a.	S 2
S 3	23 56	19 42	5 1	25 40	1 42	19 56	0 55	15 49	0 16	14 57	0 13	25 43	1 52	5 51	0 45	5 49	1 43	39 6	16 37	14 34	14 10	12 25		n.a.	S 3
M 4	23 53	24 9	5 8	25 48	1 46	19 34	0 53	16 1	0 17	15 0	0 13	25 43	1 52	5 51	0 45	5 49	1 43	39 6	16 37	14 36	14 11	12 28		n.a.	M 4
T 5	23 49	27 7	4 56	25 54	1 49	19 12	0 51	16 13	0 17	15 4	0 13	25 43	1 52	5 51	0 45	5 49	1 43	39 5	16 37	14 38	14 12	12 31		n.a.	T 5
W 6	23 44	28 18	4 26	25 58	1 51	18 49	0 48	16 24	0 18	15 7	0 12	25 44	1 52	5 51	0 45	5 49	1 43	39 5	16 37	14 41	14 13	12 34		n.a.	W 6
T 7	23 40	27 38	3 40	25 59	1 52	18 26	0 46	16 36	0 19	15 10	0 12	25 44	1 52	5 52	0 45	5 49	1 43	39 4	16 36	14 43	14 15	12 37		n.a.	T 7
F 8	23 34	25 16	2 43	25 59	1 53	18 2	0 43	16 48	0 20	15 13	0 12	25 45	1 52	5 52	0 45	5 50	1 43	39 4	16 36	14 44	14 16	12 40		n.a.	F 8
S 9	23 29	21 32	1 37	25 56	1 53	17 38	0 41	16 59	0 21	15 16	0 12	25 45	1 52	5 52	0 45	5 50	1 43	39 3	16 36	14 46	14 17	12 43		n.a.	S 9
S 10	23 23	16 50	0 28	25 51	1 53	17 13	0 38	17 11	0 22	15 19	0 12	25 45	1 52	5 53	0 45	5 50	1 43	39 3	16 36	14 46	14 18	12 46		n.a.	S 10
M11	23 16	11 30	0n41	25 45	1 52	16 48	0 35	17 22	0 22	15 22	0 12	25 46	1 52	5 53	0 45	5 50	1 43	39 2	16 36	14 46	14 19	12 49		n.a.	M11
T 12	23 9	5 51	1 47	25 36	1 50	16 22	0 33	17 33	0 23	15 25	0 12	25 46	1 52	5 53	0 45	5 50	1 43	39 2	16 36	14 46	14 20	12 52		n.a.	T 12
W13	23 2	0 6	2 46	25 25	1 48	15 56	0 30	17 44	0 24	15 28	0 12	25 46	1 52	5 54	0 45	5 50	1 43	39 2	16 36	14 45	14 21	12 55		n.a.	W13
T 14	22 54	5n33	3 38	25 13	1 46	15 30	0 27	17 55	0 25	15 31	0 12	25 47	1 52	5 54	0 45	5 50	1 43	39 1	16 36	14 45	14 22	12 58		n.a.	T 14
F 15	22 46	10 59	4 19	24 59	1 43	15 3	0 24	18 6	0 26	15 34	0 12	25 47	1 52	5 54	0 45	5 51	1 43	39 1	16 36	14 44	14 23	13 1		n.a.	F 15
S 16	22 37	16 0	4 49	24 43	1 40	14 36	0 22	18 17	0 27	15 36	0 11	25 47	1 53	5 55	0 46	5 51	1 43	39 0	16 36	14 44	14 24	13 4		n.a.	S 16
S 17	22 28	20 27	5 8	24 26	1 36	14 8	0 19	18 27	0 28	15 39	0 11	25 48	1 53	5 55	0 46	5 51	1 43	39 0	16 36	14 45	14 25	13 7		n.a.	S 17
M18	22 18	24 8	5 12	24 7	1 33	13 40	0 16	18 38	0 29	15 42	0 11	25 48	1 53	5 56	0 46	5 51	1 43	39 0	16 36	14 46	14 26	13 10		n.a.	M18
T 19	22 8	26 48	5 3	23 47	1 29	13 12	0 13	18 48	0 30	15 44	0 11	25 48	1 53	5 56	0 46	5 51	1 43	38 59	16 36	14 48	14 27	13 13		n.a.	T 19
W20	21 57	28 12	4 39	23 25	1 24	12 43	0 10	18 58	0 30	15 47	0 11	25 48	1 53	5 57	0 46	5 51	1 44	38 59	16 36	14 49	14 28	13 16		n.a.	W20
T 21	21 47	28 8	4 1	23 2	1 19	12 14	0 7	19 9	0 31	15 49	0 11	25 49	1 53	5 57	0 46	5 51	1 44	38 59	16 37	14 51	14 29	13 19		n.a.	T 21
F 22	21 35	26 29	3 9	22 38	1 15	11 45	0 4	19 19	0 32	15 52	0 11	25 49	1 53	5 58	0 46	5 51	1 44	38 58	16 37	14 52	14 31	13 22		n.a.	F 22
S 23	21 23	23 19	2 6	22 13	1 10	11 16	0 1	19 28	0 33	15 54	0 11	25 49	1 53	5 58	0 46	5 51	1 44	38 58	16 37	14 53	14 32	13 25		n.a.	S 23
S 24	21 11	18 47	0 54	21 46	1 4	10 46	0s 3	19 38	0 34	15 57	0 11	25 49	1 53	5 59	0 46	5 51	1 44	38 58	16 37	14 53	14 33	13 28		n.a.	S 24
M25	20 59	13 12	0s22	21 19	0 59	10 16	0 6	19 48	0 35	15 59	0 11	25 50	1 53	6 0	0 46	5 51	1 44	38 57	16 37	14 53	14 34	13 31		n.a.	M25
T 26	20 46	6 53	1 38	20 50	0 53	9 45	0 9	19 57	0 36	16 1	0 10	25 50	1 53	6 0	0 46	5 51	1 44	38 57	16 37	14 53	14 35	13 34		n.a.	T 26
W27	20 33	0 12	2 48	20 21	0 47	9 15	0 12	20 7	0 37	16 4	0 10	25 50	1 53	6 1	0 46	5 51	1 44	38 57	16 37	14 53	14 36	13 37		n.a.	W27
T 28	20 19	6s31	3 49	19 50	0 41	8 44	0 15	20 16	0 38	16 6	0 10	25 50	1 53	6 2	0 46	5 50	1 44	38 56	16 37	14 52	14 37	13 40		n.a.	T 28
F 29	20 5	12 54	4 35	19 19	0 35	8 13	0 19	20 25	0 39	16 8	0 10	25 50	1 53	6 2	0 46	5 50	1 44	38 56	16 37	14 52	14 38	13 43		n.a.	F 29
S 30	19 50	18 37	5 4	18 47	0 29	7 42	0 22	20 34	0 40	16 10	0 10	25 51	1 53	6 3	0 46	5 50	1 44	38 56	16 38	14 52	14 39	13 46		n.a.	S 30
S 31	19n36	23s17	5s15	18n15	0n23	7n10	0s25	20n43	0n41	16n12	0s10	25s51	1s53	6s 4	0s46	5n50	1s44	38n56	16n38	14s52	14s40	13n49		n.a.	S 31

Julian Day Number = 190872.5, Delta T = 32h28m15s
Ecliptic obliquity = 24°07'05, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'27, Lahiri = -61°31'26 Julian Calendar 1 Aug. 4191 BCE == Greg. Calendar 29 June 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

SEPTEMBER 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 30 7	5♌50'30	4♐ 1	12♌54	12♍26	27♉36	13♉41	6°R 3	16°R46	18°R27	20♋22	21°R 5	21♒39	24♈12	n.a.	M 1
T 2	20 34 3	6°51'02	17°55	14°29	13°39	28° 9	13°46	5♏59	16♓44	18♈27	20°24	21♒ 3	21°36	24°19	n.a.	T 2
W 3	20 38 0	7°51'36	1♏40	16° 3	14°51	28°42	13°52	5°56	16°42	18°26	20°26	21° 1	21°33	24°25	n.a.	W 3
T 4	20 41 56	8°52'12	15°12	17°37	16° 4	29°14	13°58	5°52	16°40	18°26	20°29	20°59	21°30	24°32	n.a.	T 4
F 5	20 45 53	9°52'49	28°31	19°10	17°17	29°47	14° 4	5°48	16°38	18°26	20°31	20°58	21°27	24°39	n.a.	F 5
S 6	20 49 49	10°53'28	11♒35	20°43	18°29	0♊19	14° 9	5°45	16°37	18°25	20°33	20°58	21°24	24°46	n.a.	S 6
S 7	20 53 46	11°54'09	24°23	22°16	19°42	0°52	14°14	5°41	16°35	18°25	20°36	20°D57	21°20	24°52	n.a.	S 7
M 8	20 57 42	12°54'51	6♓56	23°48	20°54	1°24	14°19	5°38	16°33	18°24	20°38	20°58	21°17	24°59	n.a.	M 8
T 9	21 1 39	13°55'36	19°15	25°20	22° 7	1°56	14°24	5°35	16°31	18°24	20°40	20°58	21°14	25° 6	n.a.	T 9
W10	21 5 35	14°56'22	1♈22	26°52	23°19	2°28	14°29	5°32	16°29	18°23	20°42	20°59	21°11	25°12	n.a.	W10
T 11	21 9 32	15°57'10	13°20	28°23	24°32	3° 0	14°33	5°29	16°27	18°23	20°45	21° 0	21° 8	25°19	n.a.	T 11
F 12	21 13 29	16°57'59	25°12	29°54	25°44	3°32	14°37	5°26	16°24	18°22	20°47	21° 0	21° 4	25°26	n.a.	F 12
S 13	21 17 25	17°58'51	7♉ 3	1♍24	26°56	4° 4	14°42	5°23	16°22	18°22	20°49	21° 0	21° 1	25°33	n.a.	S 13
S 14	21 21 22	18°59'44	18°58	2°55	28° 8	4°35	14°45	5°20	16°20	18°21	20°51	21°R 1	20°58	25°39	n.a.	S 14
M15	21 25 18	20° 0'40	1♊ 1	4°24	29°20	5° 7	14°49	5°17	16°18	18°20	20°53	21° 1	20°55	25°46	n.a.	M15
T 16	21 29 15	21° 1'37	13°17	5°54	0♎33	5°38	14°53	5°14	16°16	18°19	20°55	21°D 0	20°52	25°53	n.a.	T 16
W17	21 33 11	22° 2'35	25°50	7°23	1°45	6° 9	14°56	5°12	16°13	18°19	20°57	21° 1	20°49	25°59	n.a.	W17
T 18	21 37 8	23° 3'36	8♋43	8°51	2°57	6°40	15° 0	5°10	16°11	18°18	21° 0	21° 1	20°45	26° 6	n.a.	T 18
F 19	21 41 4	24° 4'38	21°59	10°20	4° 9	7°11	15° 3	5° 7	16° 9	18°17	21° 2	21° 1	20°42	26°13	n.a.	F 19
S 20	21 45 1	25° 5'41	5♌38	11°47	5°20	7°42	15° 6	5° 5	16° 7	18°16	21° 4	21° 1	20°39	26°20	n.a.	S 20
S 21	21 48 58	26° 6'46	19°38	13°14	6°32	8°12	15° 8	5° 3	16° 4	18°15	21° 6	21°R 1	20°36	26°26	n.a.	S 21
M22	21 52 54	27° 7'52	3♍57	14°41	7°44	8°43	15°11	5° 1	16° 2	18°14	21° 8	21° 1	20°33	26°33	n.a.	M22
T 23	21 56 51	28° 9'00	18°29	16° 6	8°56	9°13	15°13	4°59	15°59	18°14	21°10	21° 1	20°29	26°40	n.a.	T 23
W24	22 0 47	29°10'08	3♎ 9	17°31	10° 7	9°43	15°15	4°57	15°57	18°13	21°12	21° 0	20°26	26°46	n.a.	W24
T 25	22 4 44	0♍11'17	17°48	18°55	11°19	10°13	15°17	4°55	15°55	18°12	21°14	20°59	20°23	26°53	n.a.	T 25
F 26	22 8 40	1°12'28	2♏21	20°18	12°30	10°43	15°19	4°54	15°52	18°11	21°16	20°58	20°20	27° 0	n.a.	F 26
S 27	22 12 37	2°13'39	16°44	21°40	13°42	11°13	15°20	4°52	15°50	18° 9	21°18	20°57	20°17	27° 7	n.a.	S 27
S 28	22 16 33	3°14'51	0♐53	23° 0	14°53	11°42	15°22	4°51	15°47	18° 8	21°20	20°D56	20°14	27°13	n.a.	S 28
M29	22 20 30	4°16'04	14°46	24°19	16° 4	12°11	15°23	4°50	15°45	18° 7	21°22	20°57	20°10	27°20	n.a.	M29
T 30	22 24 27	5♍17'17	28♐24	25♍35	17♎15	12♊40	15♉24	4♏49	15♓42	18♈ 6	21♋23	20♒58	20♒ 7	27♈27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n20	26s35	5s 8	17n41	0n17	6n39	0s29	20n52	0n42	16n14	0s10	25s51	1s53	6s 4	0s46	5n50	1s44	38n55	16n38	14s52	14s41	13n52		n.a.
T 2	19 5	28 14	4 42	17 7	0 10	6 7	0 32	21 0	0 43	16 16	0 10	25 51	1 53	6 5	0 46	5 50	1 44	38 55	16 38	14 53	14 42	13 55		n.a.
W 3	18 49	28 6	4 0	16 32	0 4	5 35	0 35	21 9	0 44	16 18	0 10	25 51	1 52	6 6	0 46	5 50	1 44	38 55	16 38	14 54	14 43	13 58		n.a.
T 4	18 33	26 17	3 5	15 57	0s 2	5 4	0 38	21 17	0 45	16 20	0 9	25 51	1 52	6 6	0 46	5 49	1 44	38 55	16 38	14 54	14 44	14 1		n.a.
F 5	18 16	23 1	2 1	15 21	0 9	4 31	0 42	21 26	0 46	16 22	0 9	25 51	1 52	6 7	0 46	5 49	1 44	38 54	16 39	14 55	14 45	14 4		n.a.
S 6	17 59	18 37	0 52	14 45	0 15	3 59	0 45	21 34	0 47	16 23	0 9	25 52	1 52	6 8	0 46	5 49	1 44	38 54	16 39	14 55	14 46	14 7		n.a.
S 7	17 42	13 28	0n19	14 8	0 22	3 27	0 48	21 42	0 48	16 25	0 9	25 52	1 52	6 9	0 46	5 49	1 44	38 54	16 39	14 55	14 47	14 10		n.a.
M 8	17 25	7 52	1 27	13 31	0 28	2 55	0 52	21 50	0 49	16 27	0 9	25 52	1 52	6 10	0 46	5 49	1 44	38 54	16 39	14 55	14 48	14 13		n.a.
T 9	17 7	2 5	2 30	12 54	0 35	2 22	0 55	21 57	0 50	16 28	0 9	25 52	1 52	6 10	0 46	5 48	1 45	38 54	16 39	14 55	14 49	14 15		n.a.
W10	16 49	3n41	3 26	12 16	0 41	1 50	0 58	22 5	0 52	16 30	0 9	25 52	1 52	6 11	0 46	5 48	1 45	38 54	16 40	14 54	14 51	14 18		n.a.
T 11	16 30	9 14	4 11	11 37	0 48	1 18	1 2	22 13	0 53	16 31	0 9	25 52	1 52	6 12	0 46	5 48	1 45	38 53	16 40	14 54	14 52	14 21		n.a.
F 12	16 11	14 26	4 46	10 59	0 54	0 45	1 5	22 20	0 54	16 33	0 9	25 52	1 52	6 13	0 46	5 48	1 45	38 53	16 40	14 54	14 53	14 24		n.a.
S 13	15 52	19 5	5 8	10 20	1 1	0 13	1 8	22 27	0 55	16 34	0 8	25 52	1 52	6 14	0 46	5 47	1 45	38 53	16 40	14 54	14 54	14 27		n.a.
S 14	15 33	23 1	5 17	9 41	1 7	0s20	1 12	22 34	0 56	16 35	0 8	25 52	1 52	6 15	0 46	5 47	1 45	38 53	16 41	14 54	14 55	14 30		n.a.
M15	15 13	26 2	5 12	9 2	1 13	0 52	1 15	22 42	0 57	16 37	0 8	25 52	1 52	6 16	0 46	5 47	1 45	38 53	16 41	14 54	14 56	14 33		n.a.
T 16	14 53	27 53	4 54	8 23	1 19	1 25	1 18	22 48	0 58	16 38	0 8	25 52	1 52	6 16	0 46	5 46	1 45	38 53	16 41	14 54	14 57	14 36		n.a.
W17	14 33	28 23	4 21	7 44	1 25	1 57	1 21	22 55	0 59	16 39	0 8	25 52	1 52	6 17	0 46	5 46	1 45	38 53	16 42	14 54	14 58	14 39		n.a.
T 18	14 13	27 22	3 34	7 5	1 31	2 29	1 25	23 2	1 1	16 40	0 8	25 52	1 52	6 18	0 46	5 46	1 45	38 53	16 42	14 54	14 59	14 42		n.a.
F 19	13 52	24 48	2 34	6 25	1 37	3 2	1 28	23 8	1 2	16 41	0 8	25 52	1 51	6 19	0 46	5 45	1 45	38 53	16 42	14 54	15 0	14 44		n.a.
S 20	13 31	20 45	1 24	5 46	1 42	3 34	1 31	23 15	1 3	16 42	0 8	25 52	1 51	6 20	0 46	5 45	1 45	38 53	16 43	14 54	15 1	14 47		n.a.
S 21	13 10	15 28	0 8	5 7	1 48	4 6	1 34	23 21	1 4	16 43	0 7	25 52	1 51	6 21	0 46	5 45	1 45	38 53	16 43	14 54	15 2	14 50		n.a.
M22	12 49	9 14	1s11	4 29	1 53	4 38	1 37	23 27	1 5	16 44	0 7	25 52	1 51	6 22	0 46	5 44	1 45	38 52	16 43	14 54	15 3	14 53		n.a.
T 23	12 27	2 26	2 26	3 50	1 57	5 10	1 40	23 33	1 7	16 45	0 7	25 52	1 51	6 23	0 46	5 44	1 45	38 52	16 44	14 54	15 4	14 56		n.a.
W24	12 5	4s31	3 33	3 12	2 2	5 41	1 43	23 39	1 8	16 45	0 7	25 52	1 51	6 24	0 46	5 43	1 45	38 52	16 44	14 54	15 5	14 59		n.a.
T 25	11 43	11 14	4 25	2 35	2 6	6 13	1 46	23 45	1 9	16 46	0 7	25 52	1 51	6 25	0 46	5 43	1 45	38 52	16 44	14 54	15 6	15 2		n.a.
F 26	11 21	17 18	5 0	1 58	2 10	6 44	1 49	23 51	1 10	16 47	0 7	25 52	1 51	6 26	0 46	5 43	1 45	38 52	16 45	14 55	15 7	15 4		n.a.
S 27	10 58	22 20	5 16	1 21	2 14	7 16	1 52	23 56	1 12	16 47	0 7	25 52	1 51	6 27	0 46	5 42	1 45	38 52	16 45	14 55	15 8	15 7		n.a.
S 28	10 36	25 59	5 12	0 46	2 17	7 47	1 55	24 2	1 13	16 48	0 7	25 52	1 51	6 28	0 46	5 42	1 45	38 53	16 45	14 55	15 9	15 10		n.a.
M29	10 13	28 1	4 50	0 11	2 20	8 17	1 57	24 7	1 14	16 48	0 6	25 52	1 51	6 29	0 46	5 41	1 45	38 53	16 46	14 55	15 10	15 13		n.a.
T 30	9n50	28s18	4s11	0s22	2s22	8s48	2s 0	24n13	1n16	16n49	0s 6	25s52	1s50	6s30	0s46	5n41	1s45	38n53	16n46	14s55	15s11	15n16		n.a.

Julian Day Number = 190903.5, Delta T = 32h28m11s
Ecliptic obliquity = 24°07'05, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'23, Lahiri = -61°31'22 Julian Calendar 1 Sept. 4191 BCE == Greg. Calendar 30 July 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

OCTOBER 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 28 23	6♍18'31	11♉46	26♍50	18♎26	13♊ 9	15♉24	4°R48	15°R40	18°R 5	21♋25	20♒59	20♒ 4	27♈33	n.a.	W 1
T 2	22 32 20	7°19'46	24°53	28° 2	19°37	13°38	15°25	4♉47	15♓37	18♈ 4	21°27	21° 0	20° 1	27°40	n.a.	T 2
F 3	22 36 16	8°21'01	7♒47	29°12	20°48	14° 7	15°25	4°46	15°35	18° 3	21°29	21° 1	19°58	27°47	n.a.	F 3
S 4	22 40 13	9°22'17	20°28	0♎18	21°59	14°35	15°R25	4°45	15°32	18° 1	21°31	21°R 2	19°55	27°54	n.a.	S 4
S 5	22 44 9	10°23'33	2♓58	1°21	23°10	15° 3	15°25	4°44	15°30	18° 0	21°32	21° 1	19°51	28° 0	n.a.	S 5
M 6	22 48 6	11°24'51	15°18	2°19	24°20	15°31	15°25	4°44	15°27	17°59	21°34	21° 0	19°48	28° 7	n.a.	M 6
T 7	22 52 2	12°26'08	27°28	3°13	25°31	15°59	15°25	4°44	15°25	17°58	21°36	20°57	19°45	28°14	n.a.	T 7
W 8	22 55 59	13°27'27	9♈30	4° 1	26°41	16°27	15°24	4°43	15°22	17°56	21°37	20°53	19°42	28°20	n.a.	W 8
T 9	22 59 56	14°28'47	21°26	4°42	27°51	16°54	15°23	4°43	15°20	17°55	21°39	20°49	19°39	28°27	n.a.	T 9
F 10	23 3 52	15°30'07	3♉18	5°17	29° 2	17°21	15°22	4°D43	15°17	17°54	21°41	20°45	19°35	28°34	n.a.	F 10
S 11	23 7 49	16°31'28	15° 9	5°44	0♏12	17°48	15°21	4°43	15°14	17°52	21°42	20°41	19°32	28°41	n.a.	S 11
S 12	23 11 45	17°32'49	27° 2	6° 1	1°22	18°15	15°20	4°43	15°12	17°51	21°44	20°38	19°29	28°47	n.a.	S 12
M13	23 15 42	18°34'12	9♊ 3	6°R 9	2°31	18°42	15°18	4°44	15° 9	17°49	21°45	20°36	19°26	28°54	n.a.	M13
T 14	23 19 38	19°35'35	21°14	6° 7	3°41	19° 8	15°16	4°44	15° 7	17°48	21°47	20°D36	19°23	29° 1	n.a.	T 14
W15	23 23 35	20°36'59	3♋42	5°53	4°51	19°34	15°14	4°45	15° 4	17°46	21°48	20°36	19°20	29° 7	n.a.	W15
T 16	23 27 32	21°38'23	16°29	5°28	6° 0	20° 0	15°12	4°45	15° 2	17°45	21°50	20°38	19°16	29°14	n.a.	T 16
F 17	23 31 28	22°39'48	29°42	4°51	7° 9	20°25	15° 9	4°46	14°59	17°43	21°51	20°40	19°13	29°21	n.a.	F 17
S 18	23 35 25	23°41'13	13♌21	4° 3	8°19	20°51	15° 7	4°47	14°57	17°42	21°53	20°41	19°10	29°28	n.a.	S 18
S 19	23 39 21	24°42'39	27°27	3° 5	9°28	21°16	15° 4	4°48	14°54	17°40	21°54	20°R41	19° 7	29°34	n.a.	S 19
M20	23 43 18	25°44'05	11♍59	1°57	10°36	21°41	15° 1	4°49	14°52	17°39	21°55	20°39	19° 4	29°41	n.a.	M20
T 21	23 47 14	26°45'31	26°51	0°42	11°45	22° 5	14°58	4°50	14°49	17°37	21°57	20°36	19° 1	29°48	n.a.	T 21
W22	23 51 11	27°46'57	11♎55	29♍23	12°54	22°29	14°54	4°52	14°47	17°36	21°58	20°31	18°57	29°54	n.a.	W22
T 23	23 55 8	28°48'23	27° 2	28° 1	14° 2	22°53	14°51	4°53	14°44	17°34	21°59	20°25	18°54	0♉ 1	n.a.	T 23
F 24	23 59 4	29°49'49	12♏ 2	26°39	15°10	23°17	14°47	4°55	14°42	17°33	22° 0	20°19	18°51	0° 8	n.a.	F 24
S 25	0 3 1	0♎51'15	26°46	25°21	16°19	23°40	14°43	4°56	14°39	17°31	22° 2	20°13	18°48	0°15	n.a.	S 25
S 26	0 6 57	1°52'41	11♐ 9	24° 9	17°26	24° 3	14°39	4°58	14°37	17°29	22° 3	20°10	18°45	0°21	n.a.	S 26
M27	0 10 54	2°54'06	25° 8	23° 3	18°34	24°26	14°35	5° 0	14°35	17°28	22° 4	20° 8	18°41	0°28	n.a.	M27
T 28	0 14 50	3°55'30	8♑43	22° 7	19°42	24°49	14°30	5° 2	14°32	17°26	22° 5	20°D 7	18°38	0°35	n.a.	T 28
W29	0 18 47	4°56'54	21°55	21°21	20°49	25°11	14°26	5° 4	14°30	17°24	22° 6	20° 8	18°35	0°41	n.a.	W29
T 30	0 22 44	5°58'17	4♒48	20°45	21°56	25°32	14°21	5° 6	14°27	17°23	22° 7	20°10	18°32	0°48	n.a.	T 30
F 31	0 26 40	6♎59'40	17♒24	20♍19	23♏ 3	25♊54	14♉16	5♑ 9	14♓25	17♈21	22♋ 8	20°R11	18♒29	0♉55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	9n27	26s54	3s20	0s54	2s24	9s18	2s 3	24n18	1n17	16n49	0s 6	25s52	1s50	6s31	0s46	5n40	1s45	38n53	16n47	14s54	15s12	15n19			n.a.
T 2	9 4	24 2	2 19	1 25	2 25	9 49	2 5	24 23	1 18	16 49	0 6	25 52	1 50	6 32	0 46	5 40	1 45	38 53	16 47	14 54	15 13	15 21			n.a.
F 3	8 40	20 0	1 13	1 53	2 26	10 19	2 8	24 28	1 20	16 50	0 6	25 52	1 50	6 33	0 46	5 39	1 45	38 53	16 47	14 54	15 14	15 24			n.a.
S 4	8 17	15 7	0 3	2 20	2 26	10 48	2 10	24 32	1 21	16 50	0 6	25 52	1 50	6 34	0 46	5 39	1 45	38 53	16 48	14 54	15 15	15 27			n.a.
S 5	7 53	9 41	1n 5	2 45	2 25	11 18	2 13	24 37	1 22	16 50	0 6	25 52	1 50	6 35	0 46	5 38	1 45	38 53	16 48	14 54	15 16	15 30			n.a.
M 6	7 29	3 58	2 10	3 7	2 23	11 47	2 15	24 42	1 24	16 50	0 5	25 52	1 50	6 36	0 46	5 38	1 46	38 53	16 49	14 54	15 17	15 33			n.a.
T 7	7 5	1n49	3 7	3 26	2 20	12 15	2 17	24 46	1 25	16 50	0 5	25 51	1 50	6 37	0 46	5 37	1 46	38 53	16 49	14 55	15 19	15 36			n.a.
W 8	6 41	7 27	3 56	3 42	2 16	12 44	2 19	24 51	1 27	16 50	0 5	25 51	1 50	6 38	0 46	5 37	1 46	38 53	16 50	14 56	15 20	15 38			n.a.
T 9	6 17	12 47	4 33	3 55	2 11	13 12	2 22	24 55	1 28	16 50	0 5	25 51	1 49	6 39	0 46	5 36	1 46	38 54	16 50	14 58	15 21	15 41			n.a.
F 10	5 52	17 37	4 59	4 3	2 4	13 40	2 24	24 59	1 30	16 50	0 5	25 51	1 49	6 40	0 46	5 36	1 46	38 54	16 51	14 59	15 22	15 44			n.a.
S 11	5 28	21 47	5 12	4 7	1 57	14 7	2 26	25 3	1 31	16 49	0 5	25 51	1 49	6 41	0 46	5 35	1 46	38 54	16 51	15 0	15 23	15 47			n.a.
S 12	5 3	25 5	5 11	4 6	1 47	14 34	2 27	25 7	1 33	16 49	0 5	25 51	1 49	6 42	0 46	5 34	1 46	38 54	16 52	15 1	15 24	15 49			n.a.
M13	4 39	27 19	4 57	3 59	1 37	15 1	2 29	25 11	1 34	16 49	0 4	25 51	1 49	6 43	0 46	5 34	1 46	38 54	16 52	15 2	15 25	15 52			n.a.
T 14	4 14	28 18	4 30	3 47	1 24	15 27	2 31	25 15	1 36	16 48	0 4	25 51	1 49	6 44	0 46	5 33	1 46	38 54	16 53	15 2	15 26	15 55			n.a.
W15	3 49	27 53	3 49	3 28	1 10	15 53	2 33	25 19	1 37	16 48	0 4	25 50	1 49	6 45	0 46	5 33	1 46	38 55	16 53	15 2	15 27	15 58			n.a.
T 16	3 24	25 59	2 56	3 4	0 55	16 19	2 34	25 22	1 39	16 47	0 4	25 50	1 49	6 46	0 46	5 32	1 46	38 55	16 54	15 1	15 28	16 1			n.a.
F 17	2 59	22 37	1 52	2 33	0 38	16 44	2 36	25 26	1 41	16 47	0 4	25 50	1 48	6 47	0 46	5 31	1 46	38 55	16 54	15 1	15 29	16 3			n.a.
S 18	2 34	17 55	0 40	1 57	0 19	17 8	2 37	25 29	1 42	16 46	0 4	25 50	1 48	6 48	0 46	5 31	1 46	38 55	16 55	15 0	15 30	16 6			n.a.
S 19	2 9	12 7	0s37	1 15	0n 0	17 33	2 38	25 33	1 44	16 45	0 4	25 50	1 48	6 49	0 46	5 30	1 46	38 56	16 55	15 0	15 31	16 9			n.a.
M20	1 44	5 31	1 53	0 29	0 20	17 56	2 39	25 36	1 45	16 45	0 3	25 50	1 48	6 50	0 46	5 30	1 46	38 56	16 56	15 1	15 32	16 12			n.a.
T 21	1 19	1s31	3 4	0n20	0 41	18 19	2 40	25 39	1 47	16 44	0 3	25 49	1 48	6 51	0 46	5 29	1 46	38 56	16 56	15 2	15 33	16 14			n.a.
W22	0 54	8 33	4 3	1 11	1 1	18 42	2 41	25 42	1 49	16 43	0 3	25 49	1 48	6 52	0 46	5 28	1 46	38 56	16 57	15 4	15 34	16 17			n.a.
T 23	0 29	15 6	4 45	2 2	1 20	19 4	2 42	25 46	1 51	16 42	0 3	25 49	1 48	6 53	0 46	5 28	1 46	38 57	16 57	15 6	15 35	16 20			n.a.
F 24	0 4	20 43	5 6	2 52	1 39	19 26	2 43	25 49	1 52	16 41	0 3	25 49	1 48	6 54	0 46	5 27	1 46	38 57	16 58	15 8	15 36	16 23			n.a.
S 25	0s21	24 58	5 8	3 39	1 56	19 47	2 43	25 52	1 54	16 40	0 3	25 49	1 47	6 55	0 46	5 26	1 46	38 57	16 58	15 9	15 37	16 25			n.a.
S 26	0 46	27 31	4 49	4 23	2 11	20 8	2 44	25 54	1 56	16 39	0 3	25 49	1 47	6 56	0 46	5 26	1 46	38 58	16 59	15 11	15 38	16 28			n.a.
M27	1 11	28 15	4 14	5 1	2 24	20 28	2 44	25 57	1 58	16 38	0 2	25 48	1 47	6 57	0 46	5 25	1 46	38 58	16 59	15 11	15 39	16 31			n.a.
T 28	1 36	27 14	3 25	5 34	2 35	20 47	2 45	26 0	1 59	16 37	0 2	25 48	1 47	6 58	0 46	5 25	1 46	38 58	17 0	15 11	15 40	16 33			n.a.
W29	2 1	24 41	2 27	6 1	2 43	21 6	2 45	26 3	2 1	16 35	0 2	25 48	1 47	6 58	0 46	5 24	1 46	38 59	17 0	15 11	15 41	16 36			n.a.
T 30	2 26	20 56	1 22	6 21	2 50	21 25	2 45	26 5	2 3	16 34	0 2	25 48	1 47	6 59	0 46	5 23	1 46	38 59	17 1	15 10	15 42	16 39			n.a.
F 31	2s51	16s18	0s15	6n36	2n55	21s42	2s45	26n 8	2n 5	16n33	0s 2	25s47	1s47	7s 0	0s46	5n23	1s46	38n59	17n 2	15s10	15s43	16n42			n.a.

Julian Day Number = 190933.5, Delta T = 32h28m08s
Ecliptic obliquity = 24°07'05, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'19, Lahiri = -61°31'18 Julian Calendar 1 Oct. 4191 BCE == Greg. Calendar 29 Aug. 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

NOVEMBER 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 30 37	8♎ 1'02	29♒48	20°R 4	24♏10	26♊15	14°R11	5♑11	14°R23	17°R19	22♋ 9	20°R10	18♒26	1♉ 2	n.a.	S 1
S 2	0 34 33	9° 2'23	12♓ 2	19°D58	25°16	26°36	14♉ 6	5°14	14♓21	17♈18	22°10	20♒ 8	18°22	1° 8	n.a.	S 2
M 3	0 38 30	10° 3'44	24° 8	20♍ 2	26°22	26°56	14° 0	5°16	14°18	17°16	22°11	20° 3	18°19	1°15	n.a.	M 3
T 4	0 42 26	11° 5'04	6♈ 8	20°13	27°28	27°16	13°55	5°19	14°16	17°14	22°11	19°55	18°16	1°22	n.a.	T 4
W 5	0 46 23	12° 6'24	18° 5	20°33	28°34	27°36	13°49	5°22	14°14	17°13	22°12	19°46	18°13	1°28	n.a.	W 5
T 6	0 50 20	13° 7'43	29°58	21° 0	29°39	27°55	13°43	5°25	14°12	17°11	22°13	19°35	18°10	1°35	n.a.	T 6
F 7	0 54 16	14° 9'02	11♉50	21°32	0♐45	28°14	13°37	5°28	14°10	17° 9	22°14	19°24	18° 6	1°42	n.a.	F 7
S 8	0 58 13	15°10'20	23°42	22°11	1°50	28°33	13°31	5°31	14° 8	17° 8	22°14	19°13	18° 3	1°49	n.a.	S 8
S 9	1 2 9	16°11'38	5♊37	22°55	2°54	28°51	13°24	5°34	14° 6	17° 6	22°15	19° 4	18° 0	1°55	n.a.	S 9
M10	1 6 6	17°12'55	17°38	23°43	3°58	29° 8	13°18	5°38	14° 3	17° 4	22°16	18°57	17°57	2° 2	n.a.	M10
T 11	1 10 3	18°14'11	29°47	24°36	5° 2	29°26	13°11	5°41	14° 1	17° 2	22°16	18°53	17°54	2° 9	n.a.	T 11
W12	1 13 59	19°15'28	12♋10	25°32	6° 6	29°42	13° 5	5°45	14° 0	17° 1	22°17	18°51	17°51	2°16	n.a.	W12
T 13	1 17 56	20°16'43	24°51	26°32	7° 9	29°59	12°58	5°49	13°58	16°59	22°17	18°D50	17°47	2°22	n.a.	T 13
F 14	1 21 52	21°17'58	7♌54	27°34	8°13	0♋15	12°51	5°52	13°56	16°57	22°18	18°51	17°44	2°29	n.a.	F 14
S 15	1 25 49	22°19'12	21°23	28°39	9°15	0°30	12°44	5°56	13°54	16°56	22°18	18°R51	17°41	2°36	n.a.	S 15
S 16	1 29 45	23°20'25	5♍22	29°47	10°18	0°45	12°37	6° 0	13°52	16°54	22°19	18°50	17°38	2°42	n.a.	S 16
M17	1 33 42	24°21'38	19°50	0♎56	11°19	1° 0	12°30	6° 4	13°50	16°52	22°19	18°47	17°35	2°49	n.a.	M17
T 18	1 37 39	25°22'49	4♎43	2° 8	12°21	1°13	12°22	6° 8	13°48	16°51	22°19	18°40	17°32	2°56	n.a.	T 18
W19	1 41 35	26°24'00	19°55	3°22	13°22	1°27	12°15	6°13	13°47	16°49	22°20	18°32	17°28	3° 3	n.a.	W19
T 20	1 45 32	27°25'09	5♏16	4°37	14°23	1°40	12° 7	6°17	13°45	16°47	22°20	18°21	17°25	3° 9	n.a.	T 20
F 21	1 49 28	28°26'18	20°35	5°54	15°23	1°52	12° 0	6°21	13°43	16°46	22°20	18°10	17°22	3°16	n.a.	F 21
S 22	1 53 25	29°27'25	5♐38	7°12	16°23	2° 4	11°52	6°26	13°42	16°44	22°20	18° 1	17°19	3°23	n.a.	S 22
S 23	1 57 21	0♏28'31	20°19	8°31	17°23	2°15	11°45	6°30	13°40	16°42	22°21	17°53	17°16	3°29	n.a.	S 23
M24	2 1 18	1°29'35	4♑32	9°51	18°22	2°26	11°37	6°35	13°39	16°41	22°21	17°47	17°12	3°36	n.a.	M24
T 25	2 5 15	2°30'38	18°15	11°13	19°20	2°36	11°29	6°40	13°37	16°39	22°21	17°45	17° 9	3°43	n.a.	T 25
W26	2 9 11	3°31'39	1♒30	12°36	20°18	2°46	11°21	6°45	13°36	16°37	22°21	17°D44	17° 6	3°50	n.a.	W26
T 27	2 13 8	4°32'38	14°21	14° 0	21°15	2°54	11°13	6°50	13°35	16°36	22°R21	17°R44	17° 3	3°56	n.a.	T 27
F 28	2 17 4	5°33'35	26°52	15°24	22°12	3° 3	11° 5	6°55	13°33	16°34	22°21	17°44	17° 0	4° 3	n.a.	F 28
S 29	2 21 1	6°34'31	9♓ 7	16°50	23° 9	3°10	10°57	7° 0	13°32	16°33	22°21	17°42	16°57	4°10	n.a.	S 29
S 30	2 24 57	7♏35'25	21♓12	18♎16	24♐ 4	3♋18	10♉49	7♑ 5	13♓31	16♈31	22♋21	17♒38	16♒53	4♉16	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s16	11s 4	0n52	6n45	2n58	22s 0	2s44	26n11	2n 7	16n31	0s 2	25s47	1s47	7s 1	0s46	5n22	1s46	39n 0	17n 2	15s10	15s44	16n44		n.a.
S 2	3 41	5 29	1 55	6 49	2 59	22 16	2 44	26 13	2 9	16 30	0 1	25 47	1 46	7 2	0 46	5 21	1 46	39 0	17 3	15 11	15 45	16 47		n.a.
M 3	4 6	0n14	2 52	6 48	2 59	22 32	2 43	26 16	2 11	16 28	0 1	25 47	1 46	7 3	0 46	5 21	1 46	39 1	17 3	15 13	15 46	16 50		n.a.
T 4	4 30	5 52	3 41	6 42	2 58	22 47	2 43	26 18	2 13	16 27	0 1	25 47	1 46	7 4	0 46	5 20	1 46	39 1	17 4	15 15	15 47	16 52		n.a.
W 5	4 55	11 16	4 20	6 32	2 56	23 2	2 42	26 20	2 15	16 25	0 1	25 46	1 46	7 5	0 46	5 19	1 46	39 1	17 4	15 18	15 48	16 55		n.a.
T 6	5 19	16 14	4 47	6 18	2 53	23 16	2 41	26 23	2 17	16 23	0 1	25 46	1 46	7 5	0 46	5 19	1 46	39 2	17 5	15 22	15 49	16 58		n.a.
F 7	5 44	20 35	5 2	6 1	2 49	23 29	2 40	26 25	2 19	16 22	0 1	25 46	1 46	7 6	0 46	5 18	1 46	39 2	17 6	15 25	15 50	17 0		n.a.
S 8	6 8	24 7	5 3	5 41	2 44	23 42	2 39	26 27	2 21	16 20	0 0	25 46	1 46	7 7	0 46	5 17	1 46	39 3	17 6	15 29	15 51	17 3		n.a.
S 9	6 33	26 38	4 52	5 19	2 39	23 54	2 37	26 30	2 23	16 18	0 0	25 45	1 46	7 8	0 46	5 17	1 46	39 3	17 7	15 32	15 52	17 6		n.a.
M10	6 57	27 58	4 27	4 54	2 33	24 5	2 36	26 32	2 25	16 16	0 0	25 45	1 45	7 9	0 46	5 16	1 46	39 4	17 7	15 34	15 53	17 8		n.a.
T 11	7 21	27 58	3 51	4 27	2 27	24 16	2 34	26 34	2 27	16 15	0n 0	25 45	1 45	7 9	0 46	5 15	1 46	39 4	17 8	15 35	15 54	17 11		n.a.
W12	7 45	26 34	3 3	3 58	2 21	24 26	2 32	26 36	2 29	16 13	0 0	25 44	1 45	7 10	0 46	5 15	1 46	39 5	17 9	15 36	15 55	17 14		n.a.
T 13	8 8	23 48	2 4	3 27	2 14	24 36	2 31	26 39	2 32	16 11	0 0	25 44	1 45	7 11	0 46	5 14	1 46	39 5	17 9	15 36	15 56	17 16		n.a.
F 14	8 32	19 45	0 58	2 55	2 7	24 44	2 28	26 41	2 34	16 9	0 1	25 44	1 45	7 12	0 46	5 13	1 46	39 5	17 10	15 36	15 57	17 19		n.a.
S 15	8 56	14 34	0s14	2 22	1 59	24 52	2 26	26 43	2 36	16 7	0 1	25 44	1 45	7 12	0 46	5 13	1 46	39 6	17 10	15 36	15 58	17 21		n.a.
S 16	9 19	8 28	1 27	1 48	1 52	24 59	2 24	26 45	2 38	16 5	0 1	25 43	1 45	7 13	0 45	5 12	1 46	39 7	17 11	15 36	15 59	17 24		n.a.
M17	9 42	1 45	2 37	1 12	1 44	25 6	2 21	26 47	2 41	16 2	0 1	25 43	1 45	7 14	0 45	5 11	1 46	39 7	17 12	15 37	16 0	17 27		n.a.
T 18	10 5	5s15	3 38	0 36	1 37	25 12	2 18	26 50	2 43	16 0	0 1	25 43	1 45	7 14	0 45	5 11	1 46	39 8	17 12	15 39	16 1	17 29		n.a.
W19	10 28	12 5	4 25	0s 1	1 29	25 17	2 15	26 52	2 45	15 58	0 1	25 42	1 44	7 15	0 45	5 10	1 46	39 8	17 13	15 42	16 2	17 32		n.a.
T 20	10 51	18 15	4 54	0 39	1 21	25 22	2 12	26 54	2 48	15 56	0 2	25 42	1 44	7 16	0 45	5 9	1 46	39 9	17 13	15 45	16 3	17 35		n.a.
F 21	11 13	23 13	5 1	1 17	1 13	25 26	2 9	26 56	2 50	15 54	0 2	25 42	1 44	7 16	0 45	5 9	1 46	39 9	17 14	15 49	16 4	17 37		n.a.
S 22	11 35	26 34	4 48	1 56	1 6	25 29	2 5	26 59	2 52	15 51	0 2	25 41	1 44	7 17	0 45	5 8	1 46	39 10	17 15	15 52	16 5	17 40		n.a.
S 23	11 58	28 0	4 15	2 35	0 58	25 31	2 2	27 1	2 55	15 49	0 2	25 41	1 44	7 17	0 45	5 8	1 46	39 10	17 15	15 54	16 6	17 42		n.a.
M24	12 19	27 30	3 28	3 15	0 50	25 33	1 58	27 3	2 57	15 47	0 2	25 41	1 44	7 18	0 45	5 7	1 46	39 11	17 16	15 56	16 7	17 45		n.a.
T 25	12 41	25 18	2 29	3 55	0 42	25 34	1 54	27 5	3 0	15 45	0 3	25 40	1 44	7 18	0 45	5 6	1 46	39 11	17 16	15 57	16 8	17 48		n.a.
W26	13 3	21 46	1 25	4 35	0 35	25 35	1 50	27 8	3 2	15 42	0 3	25 40	1 44	7 19	0 45	5 6	1 46	39 12	17 17	15 57	16 9	17 50		n.a.
T 27	13 24	17 17	0 18	5 16	0 27	25 34	1 45	27 10	3 5	15 40	0 3	25 40	1 44	7 19	0 45	5 5	1 46	39 13	17 18	15 57	16 10	17 53		n.a.
F 28	13 45	12 9	0n48	5 56	0 19	25 34	1 41	27 12	3 8	15 38	0 3	25 39	1 44	7 20	0 45	5 5	1 45	39 13	17 18	15 57	16 11	17 55		n.a.
S 29	14 5	6 41	1 50	6 37	0 12	25 32	1 36	27 15	3 10	15 35	0 3	25 39	1 44	7 20	0 45	5 4	1 45	39 14	17 19	15 58	16 12	17 58		n.a.
S 30	14s26	1s 3	2n47	7s17	0n 5	25s30	1s31	27n17	3n13	15n33	0n 3	25s39	1s43	7s21	0s45	5n 3	1s45	39n14	17n19	15s59	16s13	18n 0		n.a.

Julian Day Number = 190964.5, Delta T = 32h28m05s
Ecliptic obliquity = 24°07'05, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'14, Lahiri = -61°31'14 Julian Calendar 1 Nov. 4191 BCE == Greg. Calendar 29 Sept. 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4191 BCE
geocentric

DECEMBER 4191 BCE (-4190) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 28 54	8♏36'17	3♈ 9	19♎44	24♐59	3♋24	10°R41	7♑10	13°R30	16°R29	22°R21	17°R31	16♒50	4♉23	n.a.	M 1
T 2	2 32 51	9°37'07	15° 3	21°12	25°53	3°30	10♉33	7°16	13♓29	16♈28	22♋21	17♒20	16°47	4°30	n.a.	T 2
W 3	2 36 47	10°37'56	26°55	22°41	26°47	3°35	10°25	7°21	13°27	16°26	22°20	17° 7	16°44	4°37	n.a.	W 3
T 4	2 40 44	11°38'43	8♉47	24°11	27°40	3°39	10°17	7°27	13°26	16°25	22°20	16°53	16°41	4°43	n.a.	T 4
F 5	2 44 40	12°39'29	20°41	25°41	28°32	3°43	10° 9	7°32	13°25	16°23	22°20	16°38	16°37	4°50	n.a.	F 5
S 6	2 48 37	13°40'13	2♊37	27°13	29°24	3°46	10° 1	7°38	13°25	16°22	22°20	16°23	16°34	4°57	n.a.	S 6
S 7	2 52 33	14°40'55	14°38	28°45	0♑14	3°49	9°53	7°44	13°24	16°20	22°19	16°11	16°31	5° 4	n.a.	S 7
M 8	2 56 30	15°41'36	26°44	0♏18	1° 4	3°50	9°46	7°49	13°23	16°19	22°19	16° 1	16°28	5°10	n.a.	M 8
T 9	3 0 27	16°42'15	8♋59	1°52	1°53	3°51	9°38	7°55	13°22	16°18	22°18	15°54	16°25	5°17	n.a.	T 9
W10	3 4 23	17°42'53	21°24	3°27	2°41	3°R51	9°30	8° 1	13°21	16°16	22°18	15°50	16°22	5°24	n.a.	W10
T 11	3 8 20	18°43'29	4♌ 4	5° 2	3°29	3°51	9°22	8° 7	13°21	16°15	22°18	15°48	16°18	5°30	n.a.	T 11
F 12	3 12 16	19°44'03	17° 2	6°38	4°15	3°49	9°14	8°13	13°20	16°13	22°17	15°48	16°15	5°37	n.a.	F 12
S 13	3 16 13	20°44'36	0♍23	8°16	5° 0	3°47	9° 6	8°19	13°19	16°12	22°17	15°48	16°12	5°44	n.a.	S 13
S 14	3 20 9	21°45'07	14°10	9°54	5°44	3°45	8°59	8°25	13°19	16°11	22°16	15°46	16° 9	5°51	n.a.	S 14
M15	3 24 6	22°45'37	28°24	11°33	6°28	3°41	8°51	8°32	13°18	16° 9	22°15	15°43	16° 6	5°57	n.a.	M15
T 16	3 28 3	23°46'04	13♎ 3	13°13	7°10	3°37	8°44	8°38	13°18	16° 8	22°15	15°36	16° 3	6° 4	n.a.	T 16
W17	3 31 59	24°46'31	28° 4	14°53	7°51	3°31	8°36	8°44	13°18	16° 7	22°14	15°27	15°59	6°11	n.a.	W17
T 18	3 35 56	25°46'55	13♏18	16°35	8°30	3°25	8°29	8°51	13°17	16° 6	22°13	15°17	15°56	6°17	n.a.	T 18
F 19	3 39 52	26°47'18	28°35	18°17	9° 9	3°19	8°22	8°57	13°17	16° 4	22°13	15° 5	15°53	6°24	n.a.	F 19
S 20	3 43 49	27°47'38	13♐43	20° 1	9°46	3°11	8°14	9° 4	13°17	16° 3	22°12	14°54	15°50	6°31	n.a.	S 20
S 21	3 47 45	28°47'57	28°33	21°45	10°22	3° 3	8° 7	9°10	13°17	16° 2	22°11	14°46	15°47	6°38	n.a.	S 21
M22	3 51 42	29°48'13	12♑56	23°31	10°57	2°53	8° 0	9°17	13°17	16° 1	22°10	14°40	15°43	6°44	n.a.	M22
T 23	3 55 39	0♐48'27	26°49	25°17	11°30	2°44	7°53	9°24	13°D16	16° 0	22° 9	14°36	15°40	6°51	n.a.	T 23
W24	3 59 35	1°48'38	10♒13	27° 5	12° 1	2°33	7°47	9°31	13°16	15°59	22° 9	14°D35	15°37	6°58	n.a.	W24
T 25	4 3 32	2°48'48	23°10	28°53	12°31	2°21	7°40	9°37	13°17	15°58	22° 8	14°35	15°34	7° 5	n.a.	T 25
F 26	4 7 28	3°48'54	5♓43	0♐43	12°59	2° 9	7°33	9°44	13°17	15°57	22° 7	14°R35	15°31	7°11	n.a.	F 26
S 27	4 11 25	4°48'58	17°59	2°33	13°26	1°56	7°27	9°51	13°17	15°56	22° 6	14°34	15°28	7°18	n.a.	S 27
S 28	4 15 21	5°49'00	0♈ 3	4°24	13°51	1°43	7°21	9°58	13°17	15°55	22° 5	14°32	15°24	7°25	n.a.	S 28
M29	4 19 18	6°48'59	11°58	6°17	14°14	1°28	7°14	10° 5	13°17	15°54	22° 4	14°26	15°21	7°31	n.a.	M29
T 30	4 23 14	7°48'56	23°49	8°10	14°35	1°13	7° 8	10°12	13°18	15°53	22° 3	14°18	15°18	7°38	n.a.	T 30
W31	4 27 11	8♐48'51	5♉40	10♐ 4	14♑54	0♋57	7♉ 3	10♑19	13♓18	15♈52	22♋ 2	14♒ 8	15♒15	7♉45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	14s46	4n34	3n35	7s58	0s 3	25s27	1s26	27n20	3n15	15n30	0n 4	25s38	1s43	7s21	0s45	5n 3	1s45	39n15	17n20	16s 1	16s14	18n 3			n.a.
T 2	15 6	9 58	4 14	8 39	0 10	25 24	1 21	27 22	3 18	15 28	0 4	25 38	1 43	7 22	0 45	5 2	1 45	39 15	17 21	16 5	16 15	18 6			n.a.
W 3	15 26	15 0	4 41	9 19	0 17	25 20	1 15	27 25	3 21	15 26	0 4	25 37	1 43	7 22	0 45	5 2	1 45	39 16	17 21	16 9	16 16	18 8			n.a.
T 4	15 45	19 29	4 56	10 0	0 24	25 15	1 9	27 27	3 23	15 23	0 4	25 37	1 43	7 22	0 45	5 1	1 45	39 17	17 22	16 13	16 17	18 11			n.a.
F 5	16 4	23 12	4 58	10 40	0 30	25 10	1 3	27 30	3 26	15 21	0 4	25 37	1 43	7 23	0 45	5 1	1 45	39 17	17 22	16 18	16 18	18 13			n.a.
S 6	16 23	25 58	4 47	11 20	0 37	25 4	0 57	27 32	3 29	15 18	0 4	25 36	1 43	7 23	0 45	5 0	1 45	39 18	17 23	16 22	16 19	18 16			n.a.
S 7	16 42	27 34	4 23	12 0	0 43	24 58	0 51	27 35	3 31	15 16	0 5	25 36	1 43	7 23	0 45	4 59	1 45	39 19	17 23	16 26	16 20	18 18			n.a.
M 8	17 0	27 52	3 48	12 40	0 49	24 51	0 44	27 38	3 34	15 13	0 5	25 35	1 43	7 24	0 45	4 59	1 45	39 19	17 24	16 29	16 21	18 21			n.a.
T 9	17 18	26 49	3 1	13 19	0 55	24 44	0 37	27 40	3 37	15 11	0 5	25 35	1 43	7 24	0 45	4 58	1 45	39 20	17 25	16 31	16 22	18 23			n.a.
W10	17 36	24 25	2 5	13 58	1 1	24 36	0 30	27 43	3 40	15 9	0 5	25 34	1 43	7 24	0 45	4 58	1 45	39 20	17 25	16 33	16 23	18 26			n.a.
T 11	17 53	20 47	1 2	14 37	1 7	24 27	0 23	27 46	3 43	15 6	0 5	25 34	1 43	7 24	0 45	4 57	1 45	39 21	17 26	16 33	16 24	18 28			n.a.
F 12	18 10	16 4	0s 7	15 15	1 12	24 19	0 16	27 49	3 45	15 4	0 5	25 34	1 42	7 25	0 44	4 57	1 45	39 22	17 26	16 33	16 25	18 31			n.a.
S 13	18 27	10 28	1 16	15 52	1 17	24 9	0 8	27 52	3 48	15 1	0 6	25 33	1 42	7 25	0 44	4 56	1 45	39 22	17 27	16 33	16 26	18 33			n.a.
S 14	18 43	4 12	2 24	16 29	1 22	23 59	0 0	27 55	3 51	14 59	0 6	25 33	1 42	7 25	0 44	4 56	1 45	39 23	17 27	16 34	16 27	18 36			n.a.
M15	18 59	2s27	3 24	17 5	1 26	23 49	0n 8	27 57	3 54	14 57	0 6	25 32	1 42	7 25	0 44	4 55	1 45	39 24	17 28	16 35	16 28	18 38			n.a.
T 16	19 15	9 10	4 14	17 41	1 31	23 39	0 17	28 0	3 56	14 54	0 6	25 32	1 42	7 25	0 44	4 55	1 45	39 24	17 28	16 37	16 29	18 41			n.a.
W17	19 30	15 31	4 47	18 16	1 35	23 28	0 25	28 3	3 59	14 52	0 6	25 31	1 42	7 25	0 44	4 54	1 45	39 25	17 29	16 39	16 30	18 43			n.a.
T 18	19 45	21 1	5 0	18 50	1 38	23 16	0 34	28 6	4 2	14 50	0 6	25 31	1 42	7 26	0 44	4 54	1 45	39 26	17 29	16 43	16 31	18 46			n.a.
F 19	19 59	25 9	4 52	19 23	1 42	23 5	0 43	28 9	4 5	14 48	0 7	25 30	1 42	7 26	0 44	4 54	1 45	39 26	17 30	16 46	16 32	18 48			n.a.
S 20	20 13	27 27	4 24	19 55	1 45	22 52	0 52	28 12	4 7	14 45	0 7	25 30	1 42	7 26	0 44	4 53	1 45	39 27	17 30	16 49	16 33	18 51			n.a.
S 21	20 27	27 44	3 38	20 26	1 47	22 40	1 2	28 15	4 10	14 43	0 7	25 29	1 42	7 26	0 44	4 53	1 45	39 27	17 31	16 52	16 33	18 53			n.a.
M22	20 41	26 6	2 39	20 57	1 49	22 28	1 12	28 18	4 13	14 41	0 7	25 29	1 42	7 26	0 44	4 52	1 44	39 28	17 31	16 54	16 34	18 55			n.a.
T 23	20 54	22 54	1 33	21 25	1 51	22 15	1 22	28 21	4 15	14 39	0 7	25 28	1 42	7 26	0 44	4 52	1 44	39 29	17 32	16 55	16 35	18 58			n.a.
W24	21 6	18 33	0 23	21 53	1 53	22 2	1 32	28 24	4 18	14 37	0 7	25 28	1 42	7 26	0 44	4 52	1 44	39 29	17 32	16 55	16 36	19 0			n.a.
T 25	21 19	13 28	0n45	22 19	1 54	21 48	1 43	28 26	4 21	14 35	0 8	25 27	1 42	7 26	0 44	4 51	1 44	39 30	17 33	16 55	16 37	19 3			n.a.
F 26	21 30	7 59	1 50	22 44	1 54	21 35	1 54	28 29	4 23	14 33	0 8	25 26	1 42	7 25	0 44	4 51	1 44	39 31	17 33	16 55	16 38	19 5			n.a.
S 27	21 42	2 19	2 47	23 8	1 54	21 21	2 5	28 32	4 26	14 31	0 8	25 26	1 42	7 25	0 44	4 51	1 44	39 31	17 34	16 55	16 39	19 8			n.a.
S 28	21 53	3n19	3 36	23 29	1 54	21 8	2 16	28 35	4 28	14 29	0 8	25 25	1 42	7 25	0 44	4 50	1 44	39 32	17 34	16 56	16 40	19 10			n.a.
M29	22 4	8 45	4 15	23 49	1 53	20 54	2 27	28 37	4 31	14 27	0 8	25 25	1 42	7 25	0 44	4 50	1 44	39 33	17 35	16 58	16 41	19 12			n.a.
T 30	22 14	13 52	4 43	24 7	1 52	20 40	2 39	28 40	4 33	14 25	0 8	25 24	1 42	7 25	0 44	4 50	1 44	39 33	17 35	17 0	16 42	19 15			n.a.
W31	22s24	18n27	4n59	24s24	1s49	20s26	2n51	28n42	4n35	14n23	0n 8	25s23	1s42	7s25	0s44	4n49	1s44	39n34	17n36	17s 3	16s43	19n17			n.a.

Julian Day Number = 190994.5, Delta T = 32h28m02s
Ecliptic obliquity = 24°07'05, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'10, Lahiri = -61°31'10 Julian Calendar 1 Dec. 4191 BCE == Greg. Calendar 29 Oct. 4191 BCE

The year -4190 astronomical counting style corresponds to year 4191 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

JANUARY 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 31 7	9♐48'43	17♉33	11♐59	15♑11	0°R41	6°R57	10♑26	13♓18	15°R51	22°R 1	13°R56	15♒12	7♉52	n.a.	T 1
F 2	4 35 4	10°48'33	29°31	13°54	15°26	0♋24	6♉51	10°34	13°19	15♈50	21♋59	13♒43	15° 9	7°58	n.a.	F 2
S 3	4 39 1	11°48'21	11♊34	15°51	15°38	0° 6	6°46	10°41	13°19	15°49	21°58	13°31	15° 5	8° 5	n.a.	S 3
S 4	4 42 57	12°48'06	23°44	17°48	15°49	29♊48	6°40	10°48	13°20	15°48	21°57	13°21	15° 2	8°12	n.a.	S 4
M 5	4 46 54	13°47'50	6♋ 2	19°45	15°57	29°29	6°35	10°55	13°21	15°48	21°56	13°13	14°59	8°19	n.a.	M 5
T 6	4 50 50	14°47'31	18°29	21°42	16° 3	29° 9	6°30	11° 3	13°21	15°47	21°55	13° 7	14°56	8°25	n.a.	T 6
W 7	4 54 47	15°47'10	1♌ 6	23°40	16° 7	28°49	6°26	11°10	13°22	15°46	21°53	13° 4	14°53	8°32	n.a.	W 7
T 8	4 58 43	16°46'47	13°56	25°37	16°R 8	28°29	6°21	11°17	13°23	15°46	21°52	13°D 4	14°49	8°39	n.a.	T 8
F 9	5 2 40	17°46'22	27° 1	27°33	16° 7	28° 8	6°16	11°25	13°24	15°45	21°51	13° 4	14°46	8°45	n.a.	F 9
S 10	5 6 36	18°45'54	10♍22	29°29	16° 3	27°47	6°12	11°32	13°25	15°44	21°50	13° 5	14°43	8°52	n.a.	S 10
S 11	5 10 33	19°45'25	24° 4	1♑24	15°57	27°25	6° 8	11°40	13°26	15°44	21°48	13°R 5	14°40	8°59	n.a.	S 11
M12	5 14 29	20°44'54	8♎ 6	3°17	15°48	27° 3	6° 4	11°47	13°27	15°43	21°47	13° 4	14°37	9° 6	n.a.	M12
T 13	5 18 26	21°44'21	22°29	5° 8	15°37	26°41	6° 0	11°55	13°28	15°43	21°46	13° 0	14°34	9°12	n.a.	T 13
W14	5 22 23	22°43'46	7♏ 9	6°57	15°23	26°18	5°57	12° 2	13°29	15°42	21°44	12°55	14°30	9°19	n.a.	W14
T 15	5 26 19	23°43'08	22° 2	8°43	15° 7	25°55	5°53	12°10	13°30	15°42	21°43	12°48	14°27	9°26	n.a.	T 15
F 16	5 30 16	24°42'29	6♐59	10°26	14°48	25°32	5°50	12°18	13°31	15°42	21°41	12°40	14°24	9°33	n.a.	F 16
S 17	5 34 12	25°41'48	21°52	12° 5	14°27	25° 9	5°47	12°25	13°32	15°41	21°40	12°33	14°21	9°39	n.a.	S 17
S 18	5 38 9	26°41'04	6♑32	13°40	14° 4	24°46	5°44	12°33	13°34	15°41	21°38	12°27	14°18	9°46	n.a.	S 18
M19	5 42 5	27°40'18	20°52	15°10	13°38	24°23	5°41	12°41	13°35	15°41	21°37	12°23	14°15	9°53	n.a.	M19
T 20	5 46 2	28°39'30	4♒46	16°35	13°11	24° 0	5°39	12°48	13°36	15°40	21°35	12°21	14°11	9°59	n.a.	T 20
W21	5 49 58	29°38'39	18°15	17°55	12°41	23°37	5°36	12°56	13°38	15°40	21°34	12°D21	14° 8	10° 6	n.a.	W21
T 22	5 53 55	0♑37'45	1♓17	19° 9	12°10	23°14	5°34	13° 4	13°39	15°40	21°32	12°22	14° 5	10°13	n.a.	T 22
F 23	5 57 51	1°36'49	13°56	20°17	11°36	22°51	5°32	13°12	13°41	15°40	21°31	12°24	14° 2	10°20	n.a.	F 23
S 24	6 1 48	2°35'50	26°17	21°18	11° 2	22°29	5°31	13°19	13°42	15°39	21°29	12°25	13°59	10°26	n.a.	S 24
S 25	6 5 45	3°34'49	8♈23	22°13	10°26	22° 6	5°29	13°27	13°44	15°39	21°28	12°R25	13°55	10°33	n.a.	S 25
M26	6 9 41	4°33'45	20°20	23° 0	9°49	21°44	5°28	13°35	13°46	15°39	21°26	12°23	13°52	10°40	n.a.	M26
T 27	6 13 38	5°32'39	2♉12	23°41	9°11	21°23	5°26	13°43	13°47	15°39	21°25	12°20	13°49	10°47	n.a.	T 27
W28	6 17 34	6°31'30	14° 4	24°15	8°33	21° 1	5°25	13°51	13°49	15°D39	21°23	12°16	13°46	10°53	n.a.	W28
T 29	6 21 31	7°30'19	26° 0	24°41	7°55	20°41	5°25	13°58	13°51	15°39	21°21	12°10	13°43	11° 0	n.a.	T 29
F 30	6 25 27	8°29'05	8♊ 2	25° 0	7°16	20°20	5°24	14° 6	13°53	15°39	21°20	12° 4	13°40	11° 7	n.a.	F 30
S 31	6 29 24	9♑27'49	20♊13	25♑12	6♑38	20♊ 0	5♉24	14♑14	13♓55	15♈39	21♋18	11♒58	13♒36	11♉13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s33	22n21	5n 1	24s38	1s47	20s12	3n 3	28n45	4n38	14n21	0n 9	25s23	1s42	7s24	0s44	4n49	1s44	39n35	17n36	17s 7	16s44	19n20		n.a.	T 1
F 2	22 42	25 20	4 51	24 50	1 44	19 58	3 15	28 47	4 40	14 19	0 9	25 22	1 42	7 24	0 44	4 49	1 44	39 35	17 37	17 11	16 45	19 22		n.a.	F 2
S 3	22 50	27 13	4 27	25 0	1 40	19 44	3 27	28 49	4 42	14 18	0 9	25 22	1 42	7 24	0 43	4 48	1 44	39 36	17 37	17 14	16 46	19 24		n.a.	S 3
S 4	22 58	27 49	3 51	25 7	1 35	19 31	3 40	28 51	4 44	14 16	0 9	25 21	1 42	7 24	0 43	4 48	1 44	39 36	17 37	17 17	16 47	19 27		n.a.	S 4
M 5	23 6	27 2	3 4	25 12	1 30	19 17	3 53	28 53	4 46	14 14	0 9	25 20	1 42	7 23	0 43	4 48	1 44	39 37	17 38	17 20	16 48	19 29		n.a.	M 5
T 6	23 13	24 54	2 7	25 15	1 24	19 4	4 5	28 55	4 48	14 13	0 9	25 20	1 42	7 23	0 43	4 48	1 44	39 38	17 38	17 21	16 49	19 32		n.a.	T 6
W 7	23 20	21 31	1 4	25 15	1 17	18 50	4 18	28 56	4 49	14 11	0 9	25 19	1 42	7 23	0 43	4 47	1 44	39 38	17 39	17 22	16 50	19 34		n.a.	W 7
T 8	23 26	17 2	0s 5	25 12	1 10	18 37	4 31	28 58	4 51	14 10	0 10	25 18	1 41	7 22	0 43	4 47	1 43	39 39	17 39	17 22	16 51	19 36		n.a.	T 8
F 9	23 32	11 42	1 14	25 8	1 2	18 25	4 44	28 59	4 53	14 9	0 10	25 18	1 41	7 22	0 43	4 47	1 43	39 39	17 39	17 22	16 52	19 39		n.a.	F 9
S 10	23 37	5 43	2 21	25 0	0 53	18 12	4 57	29 0	4 54	14 7	0 10	25 17	1 41	7 22	0 43	4 47	1 43	39 40	17 40	17 22	16 53	19 41		n.a.	S 10
S 11	23 42	0s39	3 22	24 50	0 44	18 0	5 10	29 1	4 55	14 6	0 10	25 16	1 41	7 21	0 43	4 47	1 43	39 41	17 40	17 22	16 54	19 43		n.a.	S 11
M12	23 47	7 8	4 12	24 38	0 34	17 48	5 23	29 2	4 57	14 5	0 10	25 16	1 41	7 21	0 43	4 47	1 43	39 41	17 40	17 22	16 55	19 46		n.a.	M12
T 13	23 51	13 24	4 47	24 24	0 23	17 37	5 36	29 2	4 58	14 4	0 10	25 15	1 41	7 20	0 43	4 46	1 43	39 42	17 41	17 23	16 56	19 48		n.a.	T 13
W14	23 55	19 4	5 5	24 7	0 11	17 26	5 49	29 3	4 59	14 2	0 10	25 14	1 41	7 20	0 43	4 46	1 43	39 42	17 41	17 25	16 57	19 50		n.a.	W14
T 15	23 58	23 39	5 3	23 49	0n 1	17 15	6 1	29 3	5 0	14 1	0 11	25 14	1 42	7 19	0 43	4 46	1 43	39 43	17 41	17 27	16 57	19 53		n.a.	T 15
F 16	24 0	26 41	4 40	23 29	0 13	17 5	6 14	29 3	5 1	14 0	0 11	25 13	1 42	7 19	0 43	4 46	1 43	39 44	17 42	17 29	16 58	19 55		n.a.	F 16
S 17	24 3	27 49	3 58	23 7	0 26	16 55	6 25	29 3	5 1	13 59	0 11	25 12	1 42	7 18	0 43	4 46	1 43	39 44	17 42	17 31	16 59	19 57		n.a.	S 17
S 18	24 4	26 58	3 1	22 44	0 39	16 46	6 37	29 2	5 2	13 59	0 11	25 11	1 42	7 18	0 43	4 46	1 43	39 45	17 42	17 33	17 0	20 0		n.a.	S 18
M19	24 6	24 19	1 53	22 21	0 53	16 38	6 48	29 2	5 2	13 58	0 11	25 11	1 42	7 17	0 43	4 46	1 43	39 45	17 42	17 34	17 1	20 2		n.a.	M19
T 20	24 6	20 16	0 41	21 57	1 7	16 30	6 59	29 1	5 3	13 57	0 11	25 10	1 42	7 17	0 43	4 46	1 43	39 46	17 43	17 35	17 2	20 4		n.a.	T 20
W21	24 7	15 17	0n32	21 33	1 21	16 23	7 9	29 0	5 3	13 56	0 11	25 9	1 42	7 16	0 43	4 46	1 43	39 46	17 43	17 35	17 3	20 7		n.a.	W21
T 22	24 7	9 46	1 41	21 9	1 35	16 16	7 19	28 59	5 3	13 56	0 11	25 8	1 42	7 15	0 43	4 46	1 43	39 47	17 43	17 34	17 4	20 9		n.a.	T 22
F 23	24 6	4 0	2 43	20 45	1 48	16 10	7 27	28 57	5 3	13 55	0 12	25 8	1 42	7 15	0 43	4 46	1 43	39 47	17 43	17 34	17 5	20 11		n.a.	F 23
S 24	24 5	1n46	3 35	20 22	2 2	16 5	7 36	28 56	5 3	13 55	0 12	25 7	1 42	7 14	0 43	4 46	1 42	39 48	17 44	17 33	17 6	20 13		n.a.	S 24
S 25	24 4	7 20	4 18	20 0	2 15	16 0	7 43	28 54	5 2	13 54	0 12	25 6	1 42	7 13	0 43	4 46	1 42	39 48	17 44	17 33	17 7	20 16		n.a.	S 25
M26	24 2	12 35	4 48	19 39	2 28	15 56	7 50	28 52	5 2	13 54	0 12	25 5	1 42	7 13	0 43	4 46	1 42	39 49	17 44	17 34	17 8	20 18		n.a.	M26
T 27	24 0	17 20	5 6	19 20	2 41	15 53	7 56	28 50	5 1	13 54	0 12	25 5	1 42	7 12	0 42	4 46	1 42	39 49	17 44	17 35	17 9	20 20		n.a.	T 27
W28	23 57	21 26	5 10	19 3	2 53	15 51	8 0	28 48	5 1	13 53	0 12	25 4	1 42	7 11	0 42	4 46	1 42	39 50	17 45	17 36	17 10	20 22		n.a.	W28
T 29	23 54	24 40	5 1	18 47	3 4	15 49	8 4	28 46	5 0	13 53	0 12	25 3	1 42	7 10	0 42	4 46	1 42	39 50	17 45	17 38	17 11	20 25		n.a.	T 29
F 30	23 50	26 51	4 39	18 34	3 14	15 48	8 8	28 43	4 59	13 53	0 12	25 2	1 42	7 10	0 42	4 46	1 42	39 51	17 45	17 39	17 12	20 27		n.a.	F 30
S 31	23s46	27n48	4n 4	18s22	3n23	15s48	8n10	28n41	4n58	13n53	0n13	25s 1	1s42	7s 9	0s42	4n46	1s42	39n51	17n45	17s41	17s13	20n29		n.a.	S 31

Julian Day Number = 191025.5, Delta T = 32h27m58s
Ecliptic obliquity = 24°07'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'06, Lahiri = -61°31'06 Julian Calendar 1 Jan. 4190 BCE == Greg. Calendar 29 Nov. 4191 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

FEBRUARY 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 33 20	10♉26'31	2♋34	25°R17	6°R 0	19°R41	5°R23	14♉22	13♓57	15♈40	21°R17	11°R53	13♒33	11♉20	n.a.	S 1
M 2	6 37 17	11°25'10	15° 7	25♉15	5♉23	19♊22	5°D23	14°30	13°59	15°40	21♋15	11♒49	13°30	11°27	n.a.	M 2
T 3	6 41 13	12°23'47	27°51	25° 7	4°47	19° 4	5♉23	14°38	14° 1	15°40	21°13	11°47	13°27	11°34	n.a.	T 3
W 4	6 45 10	13°22'23	10♌48	24°52	4°12	18°46	5°24	14°46	14° 3	15°40	21°12	11°D46	13°24	11°40	n.a.	W 4
T 5	6 49 6	14°20'56	23°58	24°31	3°39	18°29	5°24	14°53	14° 5	15°40	21°10	11°47	13°21	11°47	n.a.	T 5
F 6	6 53 3	15°19'27	7♍20	24° 4	3° 7	18°13	5°25	15° 1	14° 7	15°41	21° 8	11°48	13°17	11°54	n.a.	F 6
S 7	6 56 59	16°17'56	20°55	23°33	2°37	17°57	5°26	15° 9	14° 9	15°41	21° 7	11°49	13°14	12° 1	n.a.	S 7
S 8	7 0 56	17°16'23	4♎43	22°58	2° 8	17°42	5°27	15°17	14°11	15°41	21° 5	11°51	13°11	12° 7	n.a.	S 8
M 9	7 4 52	18°14'48	18°44	22°19	1°42	17°28	5°28	15°25	14°14	15°42	21° 3	11°R51	13° 8	12°14	n.a.	M 9
T 10	7 8 49	19°13'12	2♏57	21°38	1°18	17°14	5°30	15°33	14°16	15°42	21° 2	11°51	13° 5	12°21	n.a.	T 10
W11	7 12 46	20°11'34	17°20	20°55	0°57	17° 1	5°31	15°41	14°18	15°43	21° 0	11°49	13° 1	12°27	n.a.	W11
T 12	7 16 42	21° 9'54	1♐49	20°11	0°37	16°49	5°33	15°48	14°21	15°43	20°58	11°47	12°58	12°34	n.a.	T 12
F 13	7 20 39	22° 8'12	16°19	19°26	0°21	16°38	5°35	15°56	14°23	15°44	20°57	11°44	12°55	12°41	n.a.	F 13
S 14	7 24 35	23° 6'29	0♑45	18°43	0° 6	16°27	5°37	16° 4	14°26	15°44	20°55	11°42	12°52	12°48	n.a.	S 14
S 15	7 28 32	24° 4'43	15° 1	18° 0	29♐54	16°18	5°40	16°12	14°28	15°45	20°53	11°40	12°49	12°54	n.a.	S 15
M16	7 32 28	25° 2'56	29° 3	17°20	29°44	16° 9	5°42	16°20	14°31	15°46	20°52	11°38	12°46	13° 1	n.a.	M16
T 17	7 36 25	26° 1'06	12♒46	16°43	29°37	16° 1	5°45	16°28	14°33	15°46	20°50	11°D38	12°42	13° 8	n.a.	T 17
W18	7 40 21	26°59'15	26° 8	16° 8	29°32	15°54	5°48	16°35	14°36	15°47	20°48	11°38	12°39	13°15	n.a.	W18
T 19	7 44 18	27°57'21	9♓ 8	15°38	29°D30	15°47	5°51	16°43	14°39	15°48	20°47	11°39	12°36	13°21	n.a.	T 19
F 20	7 48 14	28°55'25	21°49	15°12	29°30	15°41	5°54	16°51	14°41	15°48	20°45	11°40	12°33	13°28	n.a.	F 20
S 21	7 52 11	29°53'27	4♈12	14°50	29°33	15°37	5°57	16°59	14°44	15°49	20°43	11°42	12°30	13°35	n.a.	S 21
S 22	7 56 7	0♒51'27	16°21	14°33	29°37	15°33	6° 1	17° 6	14°47	15°50	20°42	11°42	12°27	13°41	n.a.	S 22
M23	8 0 4	1°49'24	28°20	14°20	29°44	15°29	6° 5	17°14	14°49	15°51	20°40	11°R43	12°23	13°48	n.a.	M23
T 24	8 4 0	2°47'20	10♉14	14°13	29°53	15°27	6° 9	17°22	14°52	15°52	20°38	11°43	12°20	13°55	n.a.	T 24
W25	8 7 57	3°45'14	22° 8	14°D10	0♑ 4	15°26	6°13	17°30	14°55	15°53	20°37	11°42	12°17	14° 2	n.a.	W25
T 26	8 11 54	4°43'05	4♊ 5	14°12	0°17	15°25	6°17	17°37	14°58	15°53	20°35	11°42	12°14	14° 8	n.a.	T 26
F 27	8 15 50	5°40'55	16°10	14°19	0°33	15°D25	6°22	17°45	15° 1	15°54	20°34	11°41	12°11	14°15	n.a.	F 27
S 28	8 19 47	6♒38'42	28♊27	14♑31	0♑50	15♊25	6♉26	17♑52	15♓ 4	15♈55	20♋32	11♒40	12♒ 7	14♉22	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23 s41	27n23	3n18	18 s13	3n31	15 s48	8n11	28n38	4n57	13n53	0n13	25 s 0	1 s42	7 s 8	0 s42	4n46	1 s42	39n52	17n45	17 s43	17 s14	20n31			n.a.
M 2	23 36	25 34	2 20	18 7	3 38	15 49	8 12	28 35	4 56	13 53	0 13	25 0	1 42	7 7	0 42	4 46	1 42	39 52	17 45	17 44	17 14	20 34			n.a.
T 3	23 31	22 24	1 15	18 3	3 44	15 51	8 11	28 32	4 54	13 53	0 13	24 59	1 42	7 6	0 42	4 47	1 42	39 53	17 45	17 44	17 15	20 36			n.a.
W 4	23 25	18 6	0 5	18 2	3 48	15 54	8 10	28 29	4 53	13 54	0 13	24 58	1 42	7 6	0 42	4 47	1 42	39 53	17 46	17 45	17 16	20 38			n.a.
T 5	23 19	12 52	1 s 6	18 3	3 51	15 57	8 7	28 26	4 52	13 54	0 13	24 57	1 42	7 5	0 42	4 47	1 42	39 53	17 46	17 44	17 17	20 40			n.a.
F 6	23 12	6 58	2 16	18 6	3 52	16 1	8 4	28 23	4 50	13 54	0 13	24 56	1 42	7 4	0 42	4 47	1 42	39 54	17 46	17 44	17 18	20 42			n.a.
S 7	23 5	0 41	3 18	18 12	3 51	16 5	8 0	28 20	4 48	13 55	0 13	24 55	1 42	7 3	0 42	4 47	1 42	39 54	17 46	17 44	17 19	20 45			n.a.
S 8	22 58	5 s44	4 11	18 20	3 49	16 10	7 56	28 17	4 47	13 55	0 13	24 55	1 42	7 2	0 42	4 47	1 41	39 55	17 46	17 43	17 20	20 47			n.a.
M 9	22 50	11 58	4 49	18 30	3 45	16 16	7 51	28 14	4 45	13 56	0 14	24 54	1 42	7 1	0 42	4 48	1 41	39 55	17 46	17 43	17 21	20 49			n.a.
T 10	22 42	17 41	5 10	18 42	3 40	16 22	7 45	28 11	4 43	13 56	0 14	24 53	1 43	7 0	0 42	4 48	1 41	39 55	17 46	17 43	17 22	20 51			n.a.
W11	22 33	22 28	5 13	18 56	3 33	16 29	7 38	28 7	4 41	13 57	0 14	24 52	1 43	6 59	0 42	4 48	1 41	39 56	17 46	17 44	17 23	20 53			n.a.
T 12	22 24	25 55	4 55	19 11	3 25	16 36	7 31	28 4	4 39	13 58	0 14	24 51	1 43	6 58	0 42	4 48	1 41	39 56	17 46	17 44	17 24	20 56			n.a.
F 13	22 14	27 41	4 19	19 27	3 15	16 43	7 24	28 1	4 37	13 58	0 14	24 50	1 43	6 57	0 42	4 49	1 41	39 56	17 46	17 45	17 25	20 58			n.a.
S 14	22 4	27 33	3 26	19 44	3 4	16 51	7 16	27 58	4 35	13 59	0 14	24 49	1 43	6 56	0 42	4 49	1 41	39 57	17 46	17 46	17 26	21 0			n.a.
S 15	21 54	25 35	2 21	20 2	2 52	17 0	7 7	27 55	4 33	14 0	0 14	24 48	1 43	6 55	0 42	4 49	1 41	39 57	17 46	17 47	17 27	21 2			n.a.
M16	21 43	22 3	1 9	20 20	2 39	17 8	6 59	27 51	4 31	14 1	0 14	24 47	1 43	6 54	0 42	4 50	1 41	39 57	17 46	17 47	17 27	21 4			n.a.
T 17	21 32	17 22	0n 6	20 39	2 25	17 17	6 50	27 48	4 28	14 2	0 14	24 47	1 43	6 53	0 42	4 50	1 41	39 57	17 46	17 47	17 28	21 6			n.a.
W18	21 21	11 56	1 19	20 58	2 10	17 27	6 40	27 45	4 26	14 3	0 14	24 46	1 43	6 52	0 42	4 50	1 41	39 58	17 46	17 47	17 29	21 8			n.a.
T 19	21 9	6 7	2 26	21 16	1 55	17 36	6 31	27 42	4 24	14 4	0 15	24 45	1 43	6 51	0 42	4 51	1 41	39 58	17 46	17 47	17 30	21 11			n.a.
F 20	20 57	0 13	3 24	21 34	1 40	17 46	6 21	27 39	4 21	14 6	0 15	24 44	1 43	6 50	0 42	4 51	1 41	39 58	17 46	17 46	17 31	21 13			n.a.
S 21	20 45	5n32	4 11	21 52	1 24	17 56	6 11	27 36	4 19	14 7	0 15	24 43	1 43	6 49	0 42	4 51	1 41	39 58	17 46	17 46	17 32	21 15			n.a.
S 22	20 32	10 59	4 46	22 10	1 9	18 6	6 1	27 34	4 17	14 8	0 15	24 42	1 44	6 48	0 42	4 52	1 41	39 59	17 46	17 46	17 33	21 17			n.a.
M23	20 19	15 57	5 8	22 26	0 53	18 16	5 51	27 31	4 14	14 10	0 15	24 41	1 44	6 47	0 42	4 52	1 40	39 59	17 46	17 46	17 34	21 19			n.a.
T 24	20 5	20 17	5 16	22 42	0 38	18 26	5 41	27 28	4 12	14 11	0 15	24 40	1 44	6 45	0 41	4 52	1 40	39 59	17 46	17 46	17 35	21 21			n.a.
W25	19 51	23 49	5 11	22 57	0 23	18 36	5 31	27 25	4 9	14 12	0 15	24 39	1 44	6 44	0 41	4 53	1 40	39 59	17 46	17 46	17 36	21 23			n.a.
T 26	19 37	26 21	4 53	23 12	0 8	18 46	5 21	27 23	4 7	14 14	0 15	24 38	1 44	6 43	0 41	4 53	1 40	39 59	17 45	17 46	17 37	21 25			n.a.
F 27	19 23	27 42	4 21	23 25	0 s 6	18 57	5 10	27 20	4 4	14 16	0 15	24 37	1 44	6 42	0 41	4 54	1 40	40 0	17 45	17 46	17 38	21 27			n.a.
S 28	19 s 8	27n43	3n37	23 s37	0 s19	19 s 7	5n 0	27n18	4n 2	14n17	0n15	24 s36	1 s44	6 s41	0 s41	4n54	1 s40	40n 0	17n45	17 s46	17 s39	21n29			n.a.

Julian Day Number = 191056.5, Delta T = 32h27m55s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°38'02, Lahiri = -61°31'02 Julian Calendar 1 Feb. 4190 BCE == Greg. Calendar 30 Dec. 4191 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

MARCH 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 23 43	7♒36'28	10♋57	14♑48	1♑ 9	15♊27	6♉31	18♑ 0	15♓ 7	15♈56	20°R30	11°R39	12♒ 4	14♉28	n.a.	S 1
M 2	8 27 40	8°34'12	23°43	15° 9	1°30	15°29	6°36	18° 8	15°10	15°58	20♋29	11♒39	12° 1	14°35	n.a.	M 2
T 3	8 31 36	9°31'54	6♌46	15°34	1°52	15°32	6°41	18°15	15°13	15°59	20°27	11°D39	11°58	14°42	n.a.	T 3
W 4	8 35 33	10°29'34	20° 5	16° 4	2°17	15°36	6°46	18°23	15°16	16° 0	20°26	11°39	11°55	14°49	n.a.	W 4
T 5	8 39 29	11°27'13	3♍40	16°38	2°43	15°40	6°51	18°30	15°19	16° 1	20°24	11°R39	11°52	14°55	n.a.	T 5
F 6	8 43 26	12°24'50	17°28	17°16	3°10	15°46	6°57	18°38	15°22	16° 2	20°23	11°39	11°48	15° 2	n.a.	F 6
S 7	8 47 22	13°22'26	1♎26	17°57	3°39	15°52	7° 3	18°45	15°25	16° 3	20°21	11°39	11°45	15° 9	n.a.	S 7
S 8	8 51 19	14°20'01	15°33	18°43	4°10	15°58	7° 8	18°52	15°28	16° 4	20°20	11°39	11°42	15°16	n.a.	S 8
M 9	8 55 15	15°17'34	29°45	19°31	4°42	16° 5	7°14	19° 0	15°31	16° 6	20°18	11°38	11°39	15°22	n.a.	M 9
T 10	8 59 12	16°15'06	13♏59	20°24	5°15	16°13	7°21	19° 7	15°34	16° 7	20°17	11°D38	11°36	15°29	n.a.	T 10
W11	9 3 9	17°12'37	28°13	21°19	5°50	16°22	7°27	19°14	15°37	16° 8	20°15	11°38	11°33	15°36	n.a.	W11
T 12	9 7 5	18°10'07	12♐25	22°18	6°26	16°31	7°33	19°22	15°41	16°10	20°14	11°39	11°29	15°42	n.a.	T 12
F 13	9 11 2	19° 7'36	26°31	23°20	7° 3	16°41	7°40	19°29	15°44	16°11	20°12	11°39	11°26	15°49	n.a.	F 13
S 14	9 14 58	20° 5'04	10♑29	24°24	7°41	16°51	7°46	19°36	15°47	16°12	20°11	11°40	11°23	15°56	n.a.	S 14
S 15	9 18 55	21° 2'30	24°18	25°32	8°20	17° 3	7°53	19°43	15°50	16°14	20°10	11°41	11°20	16° 3	n.a.	S 15
M16	9 22 51	21°59'55	7♒54	26°42	9° 1	17°14	8° 0	19°50	15°54	16°15	20° 8	11°R41	11°17	16° 9	n.a.	M16
T 17	9 26 48	22°57'19	21°15	27°55	9°42	17°27	8° 7	19°57	15°57	16°17	20° 7	11°41	11°13	16°16	n.a.	T 17
W18	9 30 44	23°54'42	4♓22	29°11	10°24	17°40	8°15	20° 4	16° 0	16°18	20° 6	11°40	11°10	16°23	n.a.	W18
T 19	9 34 41	24°52'04	17°12	0♒29	11° 8	17°53	8°22	20°11	16° 4	16°20	20° 4	11°39	11° 7	16°30	n.a.	T 19
F 20	9 38 38	25°49'24	29°47	1°50	11°52	18° 7	8°29	20°18	16° 7	16°21	20° 3	11°37	11° 4	16°36	n.a.	F 20
S 21	9 42 34	26°46'42	12♈ 8	3°14	12°37	18°22	8°37	20°25	16°10	16°23	20° 2	11°35	11° 1	16°43	n.a.	S 21
S 22	9 46 31	27°44'00	24°16	4°40	13°23	18°37	8°45	20°32	16°14	16°24	20° 0	11°33	10°58	16°50	n.a.	S 22
M23	9 50 27	28°41'16	6♉15	6° 8	14°10	18°53	8°53	20°39	16°17	16°26	19°59	11°31	10°54	16°56	n.a.	M23
T 24	9 54 24	29°38'31	18°10	7°39	14°57	19° 9	9° 1	20°46	16°21	16°28	19°58	11°30	10°51	17° 3	n.a.	T 24
W25	9 58 20	0♓35'44	0♊ 3	9°12	15°45	19°26	9° 9	20°52	16°24	16°29	19°57	11°D29	10°48	17°10	n.a.	W25
T 26	10 2 17	1°32'57	12° 0	10°48	16°34	19°43	9°17	20°59	16°27	16°31	19°56	11°30	10°45	17°17	n.a.	T 26
F 27	10 6 13	2°30'08	24° 5	12°26	17°24	20° 1	9°25	21° 6	16°31	16°33	19°55	11°31	10°42	17°23	n.a.	F 27
S 28	10 10 10	3°27'18	6♋23	14° 6	18°14	20°20	9°34	21°12	16°34	16°34	19°53	11°32	10°38	17°30	n.a.	S 28
S 29	10 14 6	4°24'27	18°58	15°49	19° 5	20°38	9°42	21°19	16°38	16°36	19°52	11°34	10°35	17°37	n.a.	S 29
M30	10 18 3	5°21'35	1♌53	17°34	19°57	20°58	9°51	21°25	16°41	16°38	19°51	11°35	10°32	17°44	n.a.	M30
T 31	10 22 0	6♓18'41	15♌ 9	19♒21	20♑49	21♊17	10♉ 0	21♑32	16♓45	16♈40	19♋50	11°R35	10♒29	17♉50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	18s53	26n20	2n42	23s48	0s32	19s17	4n50	27n16	3n59	14n19	0n16	24s35	1s44	6s40	0s41	4n55	1s40	40n 0	17n45	17s47	17s39	21n31			n.a.
M 2	18 38	23 34	1 38	23 58	0 45	19 27	4 40	27 14	3 57	14 21	0 16	24 35	1 44	6 38	0 41	4 55	1 40	40 0	17 45	17 47	17 40	21 34			n.a.
T 3	18 22	19 32	0 27	24 7	0 57	19 37	4 30	27 11	3 54	14 22	0 16	24 34	1 45	6 37	0 41	4 56	1 40	40 0	17 45	17 47	17 41	21 36			n.a.
W 4	18 6	14 28	0s47	24 15	1 8	19 46	4 19	27 9	3 52	14 24	0 16	24 33	1 45	6 36	0 41	4 56	1 40	40 0	17 45	17 47	17 42	21 38			n.a.
T 5	17 50	8 36	1 59	24 21	1 18	19 56	4 9	27 7	3 49	14 26	0 16	24 32	1 45	6 35	0 41	4 57	1 40	40 0	17 44	17 47	17 43	21 40			n.a.
F 6	17 33	2 15	3 6	24 26	1 28	20 5	4 0	27 5	3 47	14 28	0 16	24 31	1 45	6 33	0 41	4 57	1 40	40 0	17 44	17 47	17 44	21 42			n.a.
S 7	17 17	4s16	4 2	24 29	1 38	20 14	3 50	27 4	3 44	14 30	0 16	24 30	1 45	6 32	0 41	4 58	1 40	40 0	17 44	17 47	17 45	21 44			n.a.
S 8	17 0	10 38	4 44	24 31	1 46	20 23	3 40	27 2	3 42	14 32	0 16	24 29	1 45	6 31	0 41	4 58	1 40	40 0	17 44	17 47	17 46	21 46			n.a.
M 9	16 42	16 30	5 10	24 32	1 54	20 32	3 30	27 0	3 39	14 34	0 16	24 28	1 45	6 30	0 41	4 59	1 40	40 1	17 43	17 47	17 47	21 48			n.a.
T 10	16 25	21 30	5 16	24 31	2 1	20 40	3 21	26 59	3 37	14 36	0 16	24 27	1 46	6 28	0 41	4 59	1 40	40 1	17 43	17 47	17 48	21 50			n.a.
W11	16 7	25 15	5 3	24 28	2 8	20 48	3 11	26 57	3 35	14 39	0 16	24 26	1 46	6 27	0 41	5 0	1 39	40 1	17 43	17 47	17 49	21 52			n.a.
T 12	15 49	27 25	4 32	24 24	2 13	20 56	3 2	26 56	3 32	14 41	0 16	24 25	1 46	6 26	0 41	5 0	1 39	40 1	17 43	17 47	17 49	21 54			n.a.
F 13	15 30	27 49	3 45	24 19	2 19	21 3	2 53	26 54	3 30	14 43	0 17	24 24	1 46	6 24	0 41	5 1	1 39	40 1	17 42	17 47	17 50	21 56			n.a.
S 14	15 12	26 25	2 44	24 11	2 23	21 10	2 44	26 53	3 27	14 45	0 17	24 23	1 46	6 23	0 41	5 2	1 39	40 1	17 42	17 46	17 51	21 58			n.a.
S 15	14 53	23 25	1 35	24 2	2 27	21 16	2 35	26 52	3 25	14 48	0 17	24 22	1 46	6 22	0 41	5 2	1 39	40 1	17 42	17 46	17 52	22 0			n.a.
M16	14 34	19 9	0 21	23 51	2 30	21 22	2 26	26 50	3 22	14 50	0 17	24 21	1 46	6 20	0 41	5 3	1 39	40 0	17 42	17 46	17 53	22 2			n.a.
T 17	14 15	13 59	0n53	23 39	2 32	21 28	2 18	26 49	3 20	14 53	0 17	24 21	1 47	6 19	0 41	5 4	1 39	40 0	17 41	17 46	17 54	22 4			n.a.
W18	13 56	8 18	2 2	23 24	2 34	21 33	2 9	26 48	3 18	14 55	0 17	24 20	1 47	6 18	0 41	5 4	1 39	40 0	17 41	17 46	17 55	22 6			n.a.
T 19	13 36	2 23	3 4	23 8	2 35	21 38	2 1	26 47	3 15	14 58	0 17	24 19	1 47	6 16	0 41	5 5	1 39	40 0	17 41	17 47	17 56	22 8			n.a.
F 20	13 16	3n29	3 55	22 50	2 36	21 42	1 52	26 46	3 13	15 0	0 17	24 18	1 47	6 15	0 41	5 5	1 39	40 0	17 40	17 47	17 57	22 10			n.a.
S 21	12 56	9 7	4 35	22 30	2 35	21 46	1 44	26 45	3 10	15 3	0 17	24 17	1 47	6 14	0 41	5 6	1 39	40 0	17 40	17 48	17 58	22 12			n.a.
S 22	12 36	14 18	5 1	22 8	2 34	21 50	1 36	26 44	3 8	15 5	0 17	24 16	1 47	6 12	0 41	5 7	1 39	40 0	17 40	17 48	17 58	22 14			n.a.
M23	12 16	18 54	5 14	21 44	2 33	21 52	1 29	26 43	3 6	15 8	0 17	24 15	1 48	6 11	0 41	5 7	1 39	40 0	17 39	17 49	17 59	22 15			n.a.
T 24	11 55	22 43	5 13	21 18	2 31	21 55	1 21	26 42	3 3	15 11	0 18	24 14	1 48	6 10	0 41	5 8	1 39	40 0	17 39	17 49	18 0	22 17			n.a.
W25	11 34	25 35	4 59	20 50	2 28	21 57	1 13	26 42	3 1	15 14	0 18	24 13	1 48	6 8	0 41	5 9	1 39	40 0	17 39	17 49	18 1	22 19			n.a.
T 26	11 13	27 21	4 32	20 20	2 25	21 58	1 6	26 41	2 59	15 16	0 18	24 12	1 48	6 7	0 41	5 10	1 39	39 59	17 38	17 49	18 2	22 21			n.a.
F 27	10 52	27 51	3 52	19 48	2 21	21 59	0 59	26 40	2 57	15 19	0 18	24 12	1 48	6 5	0 41	5 10	1 39	39 59	17 38	17 49	18 3	22 23			n.a.
S 28	10 31	26 59	3 2	19 14	2 16	21 59	0 52	26 39	2 54	15 22	0 18	24 11	1 48	6 4	0 41	5 11	1 39	39 59	17 38	17 49	18 4	22 25			n.a.
S 29	10 10	24 44	2 1	18 38	2 11	21 59	0 45	26 38	2 52	15 25	0 18	24 10	1 49	6 3	0 41	5 12	1 39	39 59	17 37	17 48	18 5	22 27			n.a.
M30	9 48	21 10	0 53	17 59	2 5	21 58	0 38	26 37	2 50	15 28	0 18	24 9	1 49	6 1	0 41	5 12	1 38	39 59	17 37	17 48	18 6	22 29			n.a.
T 31	9s27	16n26	0s20	17s19	1s59	21s57	0n31	26n37	2n48	15n31	0n18	24s 8	1s49	6s 0	0s41	5n13	1s38	39n58	17n36	17s48	18s 6	22n31			n.a.

Julian Day Number = 191084.5, Delta T = 32h27m52s
Ecliptic obliquity = 24°07'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'58, Lahiri = -61°30'58 Julian Calendar 1 March 4190 BCE == Greg. Calendar 27 Jan. 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

APRIL 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 25 56	7♓15'47	28♌48	21♒11	21♑42	21♊37	10♉ 9	21♑38	16♓48	16♈42	19°R49	11°R34	10♒26	17♉57	n.a.	W 1
T 2	10 29 53	8°12'52	12♍46	23° 3	22°35	21°58	10°18	21°44	16°52	16°43	19♋48	11♒32	10°23	18° 4	n.a.	T 2
F 3	10 33 49	9° 9'56	27° 1	24°57	23°29	22°19	10°27	21°50	16°55	16°45	19°47	11°29	10°19	18°10	n.a.	F 3
S 4	10 37 46	10° 7'00	11♎28	26°54	24°23	22°40	10°36	21°57	16°59	16°47	19°46	11°25	10°16	18°17	n.a.	S 4
S 5	10 41 42	11° 4'03	26° 0	28°53	25°18	23° 2	10°45	22° 3	17° 2	16°49	19°46	11°21	10°13	18°24	n.a.	S 5
M 6	10 45 39	12° 1'05	10♏32	0♓53	26°13	23°24	10°55	22° 9	17° 6	16°51	19°45	11°17	10°10	18°31	n.a.	M 6
T 7	10 49 36	12°58'08	24°58	2°56	27° 9	23°47	11° 4	22°15	17° 9	16°53	19°44	11°15	10° 7	18°37	n.a.	T 7
W 8	10 53 32	13°55'10	9♐15	5° 0	28° 6	24°10	11°14	22°21	17°13	16°55	19°43	11°D14	10° 4	18°44	n.a.	W 8
T 9	10 57 29	14°52'12	23°19	7° 6	29° 2	24°33	11°24	22°26	17°16	16°57	19°42	11°14	10° 0	18°51	n.a.	T 9
F 10	11 1 25	15°49'14	7♑10	9°13	29°59	24°57	11°34	22°32	17°20	16°58	19°42	11°15	9°57	18°57	n.a.	F 10
S 11	11 5 22	16°46'15	20°48	11°22	0♒57	25°21	11°43	22°38	17°23	17° 0	19°41	11°16	9°54	19° 4	n.a.	S 11
S 12	11 9 18	17°43'17	4♒12	13°32	1°55	25°46	11°53	22°44	17°27	17° 2	19°40	11°18	9°51	19°11	n.a.	S 12
M13	11 13 15	18°40'18	17°24	15°42	2°54	26°11	12° 4	22°49	17°30	17° 4	19°39	11°R18	9°48	19°18	n.a.	M13
T 14	11 17 12	19°37'19	0♓23	17°53	3°52	26°36	12°14	22°55	17°34	17° 6	19°39	11°16	9°44	19°24	n.a.	T 14
W15	11 21 8	20°34'20	13°10	20° 4	4°51	27° 1	12°24	23° 0	17°38	17° 8	19°38	11°13	9°41	19°31	n.a.	W15
T 16	11 25 5	21°31'20	25°45	22°15	5°51	27°27	12°34	23° 6	17°41	17°11	19°38	11° 7	9°38	19°38	n.a.	T 16
F 17	11 29 1	22°28'20	8♈ 9	24°26	6°51	27°53	12°45	23°11	17°45	17°13	19°37	11° 1	9°35	19°45	n.a.	F 17
S 18	11 32 58	23°25'20	20°22	26°36	7°51	28°20	12°55	23°16	17°48	17°15	19°37	10°53	9°32	19°51	n.a.	S 18
S 19	11 36 54	24°22'19	2♉26	28°46	8°51	28°47	13° 6	23°21	17°52	17°17	19°36	10°45	9°29	19°58	n.a.	S 19
M20	11 40 51	25°19'19	14°23	0♈54	9°52	29°14	13°17	23°26	17°55	17°19	19°36	10°38	9°25	20° 5	n.a.	M20
T 21	11 44 47	26°16'18	26°16	3° 1	10°53	29°41	13°28	23°31	17°59	17°21	19°35	10°33	9°22	20°11	n.a.	T 21
W22	11 48 44	27°13'17	8♊ 7	5° 7	11°54	0♋ 9	13°38	23°36	18° 2	17°23	19°35	10°29	9°19	20°18	n.a.	W22
T 23	11 52 41	28°10'15	20° 3	7°11	12°56	0°37	13°49	23°41	18° 6	17°25	19°35	10°27	9°16	20°25	n.a.	T 23
F 24	11 56 37	29° 7'13	2♋ 6	9°14	13°58	1° 6	14° 0	23°46	18° 9	17°27	19°34	10°D27	9°13	20°32	n.a.	F 24
S 25	12 0 34	0♈ 4'11	14°22	11°14	15° 0	1°34	14°11	23°51	18°13	17°29	19°34	10°27	9°10	20°38	n.a.	S 25
S 26	12 4 30	1° 1'09	26°56	13°13	16° 2	2° 3	14°23	23°55	18°16	17°32	19°34	10°29	9° 6	20°45	n.a.	S 26
M27	12 8 27	1°58'07	9♌53	15°10	17° 5	2°33	14°34	24° 0	18°20	17°34	19°34	10°R29	9° 3	20°52	n.a.	M27
T 28	12 12 24	2°55'05	23°15	17° 5	18° 8	3° 2	14°45	24° 4	18°23	17°36	19°33	10°28	9° 0	20°59	n.a.	T 28
W29	12 16 20	3°52'02	7♍ 3	18°58	19°11	3°32	14°56	24° 9	18°26	17°38	19°33	10°26	8°57	21° 5	n.a.	W29
T 30	12 20 17	4♈49'00	21♍17	20♈50	20♒14	4♋ 2	15♉ 8	24♑13	18♓30	17♈40	19♋33	10♒21	8♒54	21♉12	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9s 5	10n46	1s33	16s36	1s52	21s55	0n24	26n36	2n46	15n34	0n18	24s 7	1s49	5s58	0s41	5n14	1s38	39n58	17n36	17s48	18s 7	22n33		n.a.
T 2	8 43	4 28	2 43	15 52	1 45	21 52	0 18	26 35	2 43	15 37	0 18	24 6	1 49	5 57	0 41	5 15	1 38	39 58	17 36	17 49	18 8	22 34		n.a.
F 3	8 21	2s11	3 43	15 5	1 37	21 49	0 12	26 34	2 41	15 40	0 18	24 6	1 50	5 56	0 41	5 15	1 38	39 58	17 35	17 50	18 9	22 36		n.a.
S 4	7 59	8 47	4 31	14 17	1 29	21 45	0 6	26 33	2 39	15 43	0 18	24 5	1 50	5 54	0 41	5 16	1 38	39 57	17 35	17 51	18 10	22 38		n.a.
S 5	7 37	14 58	5 1	13 26	1 20	21 41	0s 0	26 32	2 37	15 46	0 18	24 4	1 50	5 53	0 41	5 17	1 38	39 57	17 34	17 52	18 11	22 40		n.a.
M 6	7 15	20 19	5 12	12 34	1 11	21 36	0 6	26 32	2 35	15 49	0 19	24 3	1 50	5 51	0 41	5 18	1 38	39 57	17 34	17 53	18 12	22 42		n.a.
T 7	6 52	24 26	5 3	11 40	1 1	21 31	0 12	26 31	2 33	15 52	0 19	24 2	1 50	5 50	0 41	5 19	1 38	39 56	17 33	17 54	18 13	22 44		n.a.
W 8	6 30	27 0	4 36	10 44	0 51	21 25	0 18	26 30	2 31	15 55	0 19	24 1	1 51	5 49	0 41	5 19	1 38	39 56	17 33	17 54	18 13	22 46		n.a.
T 9	6 7	27 48	3 52	9 47	0 41	21 18	0 23	26 29	2 29	15 58	0 19	24 1	1 51	5 47	0 41	5 20	1 38	39 56	17 32	17 54	18 14	22 47		n.a.
F 10	5 45	26 50	2 55	8 48	0 31	21 11	0 28	26 28	2 27	16 2	0 19	24 0	1 51	5 46	0 41	5 21	1 38	39 56	17 32	17 53	18 15	22 49		n.a.
S 11	5 22	24 15	1 49	7 49	0 20	21 3	0 33	26 27	2 25	16 5	0 19	23 59	1 51	5 44	0 41	5 22	1 38	39 55	17 31	17 53	18 16	22 51		n.a.
S 12	4 59	20 22	0 39	6 48	0 10	20 55	0 38	26 25	2 23	16 8	0 19	23 58	1 52	5 43	0 41	5 23	1 38	39 55	17 31	17 53	18 17	22 53		n.a.
M13	4 36	15 32	0n33	5 47	0n 1	20 46	0 43	26 24	2 21	16 11	0 19	23 58	1 52	5 41	0 41	5 23	1 38	39 54	17 31	17 53	18 18	22 55		n.a.
T 14	4 13	10 4	1 42	4 45	0 11	20 37	0 48	26 23	2 19	16 15	0 19	23 57	1 52	5 40	0 41	5 24	1 38	39 54	17 30	17 53	18 19	22 56		n.a.
W15	3 50	4 17	2 44	3 43	0 21	20 26	0 53	26 22	2 17	16 18	0 19	23 56	1 52	5 39	0 41	5 25	1 38	39 54	17 30	17 54	18 20	22 58		n.a.
T 16	3 27	1n34	3 37	2 41	0 32	20 16	0 57	26 20	2 15	16 21	0 19	23 55	1 52	5 37	0 41	5 26	1 38	39 53	17 29	17 56	18 21	23 0		n.a.
F 17	3 4	7 16	4 19	1 39	0 41	20 5	1 2	26 19	2 13	16 25	0 19	23 55	1 53	5 36	0 41	5 27	1 38	39 53	17 29	17 58	18 21	23 2		n.a.
S 18	2 41	12 36	4 49	0 37	0 51	19 53	1 6	26 17	2 11	16 28	0 20	23 54	1 53	5 34	0 41	5 28	1 38	39 53	17 28	18 0	18 22	23 4		n.a.
S 19	2 18	17 24	5 5	0n24	1 0	19 40	1 10	26 16	2 9	16 31	0 20	23 53	1 53	5 33	0 41	5 28	1 38	39 52	17 28	18 2	18 23	23 5		n.a.
M20	1 55	21 29	5 7	1 24	1 8	19 28	1 14	26 14	2 7	16 35	0 20	23 53	1 53	5 32	0 41	5 29	1 38	39 52	17 27	18 4	18 24	23 7		n.a.
T 21	1 31	24 39	4 57	2 24	1 17	19 14	1 18	26 12	2 5	16 38	0 20	23 52	1 54	5 30	0 41	5 30	1 38	39 51	17 27	18 5	18 25	23 9		n.a.
W22	1 8	26 46	4 33	3 22	1 24	19 0	1 21	26 10	2 3	16 42	0 20	23 51	1 54	5 29	0 41	5 31	1 38	39 51	17 26	18 6	18 26	23 11		n.a.
T 23	0 45	27 41	3 58	4 19	1 31	18 46	1 25	26 8	2 1	16 45	0 20	23 51	1 54	5 27	0 41	5 32	1 38	39 50	17 25	18 7	18 27	23 12		n.a.
F 24	0 22	27 18	3 12	5 15	1 38	18 31	1 28	26 6	2 0	16 49	0 20	23 50	1 54	5 26	0 41	5 33	1 38	39 50	17 25	18 7	18 27	23 14		n.a.
S 25	0n 2	25 34	2 16	6 9	1 43	18 15	1 32	26 4	1 58	16 52	0 20	23 49	1 55	5 25	0 41	5 34	1 38	39 49	17 24	18 7	18 28	23 16		n.a.
S 26	0 25	22 33	1 12	7 1	1 49	17 59	1 35	26 2	1 56	16 56	0 20	23 49	1 55	5 23	0 41	5 34	1 38	39 49	17 24	18 7	18 29	23 17		n.a.
M27	0 48	18 20	0 3	7 52	1 53	17 42	1 38	26 0	1 54	16 59	0 20	23 48	1 55	5 22	0 41	5 35	1 37	39 48	17 23	18 6	18 30	23 19		n.a.
T 28	1 12	13 5	1s 8	8 42	1 57	17 25	1 41	25 57	1 52	17 3	0 20	23 48	1 55	5 20	0 41	5 36	1 37	39 48	17 23	18 7	18 31	23 21		n.a.
W29	1 35	7 3	2 17	9 29	2 1	17 7	1 43	25 55	1 51	17 6	0 20	23 47	1 56	5 19	0 41	5 37	1 37	39 47	17 22	18 7	18 32	23 23		n.a.
T 30	1n58	0n29	3s20	10n15	2n 3	16s49	1s46	25n52	1n49	17n10	0n21	23s47	1s56	5s18	0s41	5n38	1s37	39n47	17n22	18s 9	18s33	23n24		n.a.

Julian Day Number = 191115.5, Delta T = 32h27m49s
Ecliptic obliquity = 24°07'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'54, Lahiri = -61°30'54 Julian Calendar 1 Apr. 4190 BCE == Greg. Calendar 27 Feb. 4190 BCE

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

MAY 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 24 13	5♈45'57	5♎53	22♈39	21♒18	4♋32	15♉19	24♏17	18♓33	17♈42	19°R33	10°R14	8♒50	21♉19	n.a.	F 1
S 2	12 28 10	6°42'55	20°45	24°26	22°22	5° 2	15°31	24°21	18°37	17°45	19♋33	10♒ 6	8°47	21°25	n.a.	S 2
S 3	12 32 6	7°39'54	5♏42	26°11	23°26	5°33	15°43	24°25	18°40	17°47	19°D33	9°58	8°44	21°32	n.a.	S 3
M 4	12 36 3	8°36'53	20°38	27°54	24°30	6° 4	15°54	24°29	18°43	17°49	19°33	9°50	8°41	21°39	n.a.	M 4
T 5	12 40 0	9°33'52	5♐22	29°34	25°35	6°35	16° 6	24°33	18°47	17°51	19°33	9°44	8°38	21°46	n.a.	T 5
W 6	12 43 56	10°30'53	19°50	1♑13	26°40	7° 7	16°18	24°37	18°50	17°53	19°33	9°40	8°35	21°52	n.a.	W 6
T 7	12 47 53	11°27'54	3♑58	2°50	27°44	7°38	16°30	24°40	18°54	17°56	19°33	9°38	8°31	21°59	n.a.	T 7
F 8	12 51 49	12°24'56	17°45	4°25	28°50	8°10	16°42	24°44	18°57	17°58	19°33	9°D38	8°28	22° 6	n.a.	F 8
S 9	12 55 46	13°21'59	1♒12	5°58	29°55	8°43	16°53	24°48	19° 0	18° 0	19°34	9°39	8°25	22°12	n.a.	S 9
S 10	12 59 42	14°19'02	14°21	7°28	1♓ 0	9°15	17° 6	24°51	19° 3	18° 2	19°34	9°R39	8°22	22°19	n.a.	S 10
M11	13 3 39	15°16'07	27°15	8°57	2° 6	9°47	17°18	24°54	19° 7	18° 5	19°34	9°38	8°19	22°26	n.a.	M11
T 12	13 7 36	16°13'12	9♓55	10°23	3°12	10°20	17°30	24°57	19°10	18° 7	19°34	9°34	8°15	22°33	n.a.	T 12
W13	13 11 32	17°10'18	22°25	11°47	4°18	10°53	17°42	25° 1	19°13	18° 9	19°35	9°28	8°12	22°39	n.a.	W13
T 14	13 15 29	18° 7'25	4♈45	13° 9	5°24	11°26	17°54	25° 4	19°16	18°11	19°35	9°19	8° 9	22°46	n.a.	T 14
F 15	13 19 25	19° 4'33	16°57	14°29	6°30	12° 0	18° 6	25° 7	19°20	18°14	19°35	9° 7	8° 6	22°53	n.a.	F 15
S 16	13 23 22	20° 1'41	29° 1	15°47	7°37	12°34	18°19	25° 9	19°23	18°16	19°36	8°55	8° 3	22°59	n.a.	S 16
S 17	13 27 18	20°58'50	10♉59	17° 2	8°44	13° 7	18°31	25°12	19°26	18°18	19°36	8°42	8° 0	23° 6	n.a.	S 17
M18	13 31 15	21°56'01	22°53	18°15	9°50	13°41	18°43	25°15	19°29	18°20	19°37	8°30	7°56	23°13	n.a.	M18
T 19	13 35 12	22°53'11	4♊43	19°25	10°57	14°16	18°56	25°17	19°32	18°22	19°37	8°20	7°53	23°20	n.a.	T 19
W20	13 39 8	23°50'23	16°34	20°33	12° 5	14°50	19° 8	25°20	19°35	18°25	19°38	8°12	7°50	23°26	n.a.	W20
T 21	13 43 5	24°47'36	28°28	21°39	13°12	15°25	19°21	25°22	19°38	18°27	19°38	8° 7	7°47	23°33	n.a.	T 21
F 22	13 47 1	25°44'49	10♋29	22°41	14°19	16° 0	19°34	25°24	19°41	18°29	19°39	8° 5	7°44	23°40	n.a.	F 22
S 23	13 50 58	26°42'03	22°43	23°41	15°27	16°35	19°46	25°26	19°44	18°31	19°40	8°D 4	7°41	23°47	n.a.	S 23
S 24	13 54 55	27°39'17	5♌13	24°38	16°35	17°10	19°59	25°28	19°47	18°34	19°40	8°R 4	7°37	23°53	n.a.	S 24
M25	13 58 51	28°36'33	18° 6	25°32	17°42	17°45	20°11	25°30	19°50	18°36	19°41	8° 3	7°34	24° 0	n.a.	M25
T 26	14 2 48	29°33'49	1♍26	26°22	18°50	18°21	20°24	25°32	19°53	18°38	19°42	8° 2	7°31	24° 7	n.a.	T 26
W27	14 6 44	0♉31'06	15°15	27° 9	19°58	18°56	20°37	25°34	19°56	18°40	19°43	7°58	7°28	24°13	n.a.	W27
T 28	14 10 41	1°28'24	29°33	27°53	21° 7	19°32	20°50	25°35	19°59	18°42	19°43	7°52	7°25	24°20	n.a.	T 28
F 29	14 14 37	2°25'43	14♎17	28°33	22°15	20° 8	21° 3	25°37	20° 2	18°45	19°44	7°43	7°21	24°27	n.a.	F 29
S 30	14 18 34	3°23'03	29°22	29° 9	23°23	20°44	21°15	25°38	20° 4	18°47	19°45	7°33	7°18	24°34	n.a.	S 30
S 31	14 22 31	4♉20'25	14♏36	29♉42	24♓32	21♋21	21♉28	25♏40	20♓ 7	18♈49	19♋46	7♒22	7♒15	24♉40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n21	6s14	4s12	10n59	2n 5	16s31	1s49	25n49	1n47	17n13	0n21	23s46	1s56	5s16	0s41	5n39	1s37	39n46	17n21	18s11	18s33	23n26		n.a.
S 2	2 44	12 44	4 47	11 41	2 7	16 12	1 51	25 46	1 45	17 17	0 21	23 46	1 56	5 15	0 41	5 40	1 37	39 46	17 21	18 13	18 34	23 28		n.a.
S 3	3 7	18 33	5 4	12 21	2 8	15 52	1 53	25 43	1 44	17 20	0 21	23 45	1 57	5 14	0 41	5 40	1 37	39 45	17 20	18 15	18 35	23 29		n.a.
M 4	3 31	23 12	4 59	13 0	2 8	15 32	1 56	25 40	1 42	17 24	0 21	23 45	1 57	5 12	0 41	5 41	1 37	39 45	17 20	18 17	18 36	23 31		n.a.
T 5	3 54	26 18	4 35	13 37	2 7	15 11	1 58	25 37	1 40	17 27	0 21	23 44	1 57	5 11	0 41	5 42	1 37	39 44	17 19	18 19	18 37	23 33		n.a.
W 6	4 17	27 35	3 53	14 12	2 6	14 51	1 59	25 34	1 39	17 31	0 21	23 44	1 57	5 9	0 41	5 43	1 37	39 44	17 18	18 20	18 38	23 34		n.a.
T 7	4 39	27 1	2 58	14 45	2 5	14 29	2 1	25 30	1 37	17 35	0 21	23 43	1 58	5 8	0 41	5 44	1 37	39 43	17 18	18 20	18 39	23 36		n.a.
F 8	5 2	24 47	1 54	15 16	2 3	14 7	2 3	25 26	1 35	17 38	0 21	23 43	1 58	5 7	0 41	5 45	1 37	39 43	17 17	18 20	18 39	23 38		n.a.
S 9	5 25	21 11	0 45	15 46	2 0	13 45	2 5	25 23	1 34	17 42	0 21	23 43	1 58	5 5	0 41	5 46	1 37	39 42	17 17	18 20	18 40	23 39		n.a.
S 10	5 48	16 35	0n25	16 14	1 57	13 23	2 6	25 19	1 32	17 45	0 21	23 42	1 59	5 4	0 41	5 47	1 37	39 41	17 16	18 20	18 41	23 41		n.a.
M11	6 11	11 20	1 32	16 40	1 53	13 0	2 7	25 15	1 30	17 49	0 21	23 42	1 59	5 3	0 41	5 48	1 37	39 41	17 16	18 21	18 42	23 42		n.a.
T 12	6 33	5 42	2 33	17 4	1 49	12 36	2 9	25 10	1 29	17 53	0 22	23 42	1 59	5 2	0 41	5 48	1 37	39 40	17 15	18 22	18 43	23 44		n.a.
W13	6 56	0n 3	3 26	17 26	1 44	12 13	2 10	25 6	1 27	17 56	0 22	23 41	1 59	5 0	0 41	5 49	1 37	39 40	17 15	18 23	18 44	23 46		n.a.
T 14	7 18	5 43	4 9	17 47	1 38	11 49	2 11	25 2	1 25	18 0	0 22	23 41	2 0	4 59	0 41	5 50	1 37	39 39	17 14	18 26	18 45	23 47		n.a.
F 15	7 40	11 7	4 39	18 6	1 32	11 24	2 12	24 57	1 24	18 3	0 22	23 41	2 0	4 58	0 41	5 51	1 37	39 38	17 13	18 29	18 45	23 49		n.a.
S 16	8 3	16 2	4 56	18 23	1 26	10 59	2 12	24 52	1 22	18 7	0 22	23 40	2 0	4 56	0 41	5 52	1 37	39 38	17 13	18 32	18 46	23 50		n.a.
S 17	8 25	20 17	5 1	18 39	1 19	10 34	2 13	24 47	1 21	18 11	0 22	23 40	2 0	4 55	0 41	5 53	1 37	39 37	17 12	18 36	18 47	23 52		n.a.
M18	8 47	23 42	4 52	18 53	1 11	10 9	2 14	24 42	1 19	18 14	0 22	23 40	2 1	4 54	0 41	5 54	1 37	39 37	17 12	18 39	18 48	23 54		n.a.
T 19	9 9	26 6	4 30	19 6	1 3	9 43	2 14	24 37	1 18	18 18	0 22	23 40	2 1	4 53	0 41	5 55	1 37	39 36	17 11	18 42	18 49	23 55		n.a.
W20	9 30	27 21	3 57	19 16	0 55	9 17	2 14	24 31	1 16	18 21	0 22	23 40	2 1	4 51	0 41	5 55	1 37	39 35	17 11	18 44	18 50	23 57		n.a.
T 21	9 52	27 20	3 13	19 26	0 46	8 51	2 15	24 26	1 14	18 25	0 22	23 39	2 2	4 50	0 41	5 56	1 37	39 35	17 10	18 45	18 50	23 58		n.a.
F 22	10 13	26 1	2 20	19 33	0 37	8 24	2 15	24 20	1 13	18 29	0 22	23 39	2 2	4 49	0 41	5 57	1 37	39 34	17 10	18 46	18 51	24 0		n.a.
S 23	10 35	23 28	1 20	19 39	0 27	7 57	2 15	24 14	1 11	18 32	0 23	23 39	2 2	4 48	0 41	5 58	1 37	39 33	17 9	18 46	18 52	24 1		n.a.
S 24	10 56	19 44	0 15	19 44	0 17	7 30	2 15	24 8	1 10	18 36	0 23	23 39	2 2	4 47	0 41	5 59	1 37	39 33	17 9	18 46	18 53	24 3		n.a.
M25	11 17	15 0	0s53	19 47	0 6	7 3	2 15	24 2	1 8	18 39	0 23	23 39	2 3	4 46	0 41	6 0	1 37	39 32	17 8	18 46	18 54	24 4		n.a.
T 26	11 38	9 24	2 0	19 48	0s 5	6 35	2 14	23 55	1 7	18 43	0 23	23 39	2 3	4 44	0 41	6 1	1 37	39 31	17 7	18 47	18 55	24 6		n.a.
W27	11 58	3 11	3 3	19 49	0 17	6 7	2 14	23 49	1 5	18 47	0 23	23 39	2 3	4 43	0 41	6 1	1 37	39 31	17 7	18 47	18 56	24 7		n.a.
T 28	12 19	3s24	3 56	19 47	0 28	5 39	2 14	23 42	1 4	18 50	0 23	23 39	2 4	4 42	0 41	6 2	1 37	39 30	17 6	18 49	18 56	24 9		n.a.
F 29	12 39	10 0	4 36	19 45	0 40	5 11	2 13	23 35	1 2	18 54	0 23	23 39	2 4	4 41	0 41	6 3	1 37	39 29	17 6	18 51	18 57	24 10		n.a.
S 30	13 0	16 10	4 57	19 41	0 53	4 43	2 12	23 28	1 1	18 57	0 23	23 39	2 4	4 40	0 41	6 4	1 37	39 29	17 5	18 54	18 58	24 12		n.a.
S 31	13n19	21s24	4s58	19n35	1s 6	4s14	2s12	23n21	1n 0	19n 1	0n23	23s39	2s 5	4s39	0s41	6n 5	1s37	39n28	17n 5	18s57	18s59	24n13		n.a.

Julian Day Number = 191145.5, Delta T = 32h27m45s
Ecliptic obliquity = 24°07'04, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'50, Lahiri = -61°30'50 Julian Calendar 1 May 4190 BCE == Greg. Calendar 29 March 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

JUNE 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 26 27	5♉17'47	29♏50	0♊10	25♓41	21♋57	21♉41	25♑41	20♓10	18♈51	19♋47	7°R12	7♒12	24♉47	n.a.	M 1
T 2	14 30 24	6°15'12	14♐53	0°33	26°50	22°34	21°54	25°42	20°13	18°53	19°48	7♒ 4	7° 9	24°54	n.a.	T 2
W 3	14 34 20	7°12'38	29°36	0°52	27°59	23°11	22° 7	25°43	20°15	18°55	19°49	6°58	7° 6	25° 0	n.a.	W 3
T 4	14 38 17	8°10'05	13♑54	1° 7	29° 8	23°48	22°20	25°44	20°18	18°57	19°50	6°55	7° 2	25° 7	n.a.	T 4
F 5	14 42 13	9° 7'35	27°46	1°16	0♈17	24°25	22°33	25°44	20°21	19° 0	19°51	6°54	6°59	25°14	n.a.	F 5
S 6	14 46 10	10° 5'06	11♒13	1°R20	1°26	25° 2	22°46	25°45	20°23	19° 2	19°52	6°54	6°56	25°21	n.a.	S 6
S 7	14 50 7	11° 2'38	24°17	1°19	2°36	25°40	22°59	25°46	20°26	19° 4	19°53	6°54	6°53	25°27	n.a.	S 7
M 8	14 54 3	12° 0'13	7♓ 2	1°13	3°45	26°17	23°12	25°46	20°28	19° 6	19°54	6°52	6°50	25°34	n.a.	M 8
T 9	14 58 0	12°57'49	19°32	1° 1	4°55	26°55	23°25	25°46	20°31	19° 8	19°56	6°48	6°46	25°41	n.a.	T 9
W10	15 1 56	13°55'27	1♈49	0°43	6° 5	27°33	23°38	25°47	20°33	19°10	19°57	6°41	6°43	25°47	n.a.	W10
T 11	15 5 53	14°53'07	13°58	0°21	7°15	28°11	23°51	25°R47	20°35	19°12	19°58	6°31	6°40	25°54	n.a.	T 11
F 12	15 9 49	15°50'48	26° 0	29♉53	8°25	28°49	24° 4	25°47	20°38	19°14	19°59	6°19	6°37	26° 1	n.a.	F 12
S 13	15 13 46	16°48'31	7♉57	29°20	9°35	29°27	24°18	25°46	20°40	19°16	20° 1	6° 6	6°34	26° 8	n.a.	S 13
S 14	15 17 43	17°46'16	19°50	28°42	10°45	0♌ 6	24°31	25°46	20°42	19°18	20° 2	5°52	6°31	26°14	n.a.	S 14
M15	15 21 39	18°44'03	1♊42	28° 0	11°55	0°44	24°44	25°46	20°45	19°20	20° 3	5°39	6°27	26°21	n.a.	M15
T 16	15 25 36	19°41'51	13°32	27°14	13° 6	1°23	24°57	25°45	20°47	19°22	20° 5	5°28	6°24	26°28	n.a.	T 16
W17	15 29 32	20°39'41	25°24	26°25	14°16	2° 2	25°10	25°45	20°49	19°24	20° 6	5°19	6°21	26°34	n.a.	W17
T 18	15 33 29	21°37'33	7♋20	25°34	15°27	2°41	25°23	25°44	20°51	19°26	20° 8	5°13	6°18	26°41	n.a.	T 18
F 19	15 37 25	22°35'26	19°23	24°42	16°38	3°20	25°37	25°44	20°53	19°28	20° 9	5°10	6°15	26°48	n.a.	F 19
S 20	15 41 22	23°33'21	1♌37	23°49	17°48	3°59	25°50	25°43	20°55	19°30	20°11	5°D 9	6°12	26°55	n.a.	S 20
S 21	15 45 18	24°31'17	14° 7	22°57	18°59	4°39	26° 3	25°42	20°57	19°32	20°12	5° 9	6° 8	27° 1	n.a.	S 21
M22	15 49 15	25°29'15	26°56	22° 7	20°10	5°18	26°16	25°41	20°59	19°34	20°14	5°R 9	6° 5	27° 8	n.a.	M22
T 23	15 53 12	26°27'15	10♍10	21°20	21°21	5°58	26°29	25°39	21° 1	19°36	20°15	5° 9	6° 2	27°15	n.a.	T 23
W24	15 57 8	27°25'16	23°51	20°36	22°32	6°38	26°43	25°38	21° 3	19°38	20°17	5° 6	5°59	27°21	n.a.	W24
T 25	16 1 5	28°23'18	8♎ 2	19°58	23°44	7°18	26°56	25°37	21° 5	19°39	20°19	5° 1	5°56	27°28	n.a.	T 25
F 26	16 5 1	29°21'22	22°41	19°25	24°55	7°58	27° 9	25°35	21° 7	19°41	20°20	4°54	5°52	27°35	n.a.	F 26
S 27	16 8 58	0♊19'29	7♏43	18°59	26° 6	8°38	27°22	25°34	21° 8	19°43	20°22	4°45	5°49	27°42	n.a.	S 27
S 28	16 12 54	1°17'37	22°59	18°40	27°18	9°18	27°35	25°32	21°10	19°45	20°24	4°36	5°46	27°48	n.a.	S 28
M29	16 16 51	2°15'47	8♐19	18°29	28°30	9°59	27°48	25°30	21°12	19°47	20°25	4°27	5°43	27°55	n.a.	M29
T 30	16 20 47	3♊13'59	23♐30	18°D26	29♈41	10♌39	28♉ 2	25♑28	21♓13	19♈48	20♋27	4♒20	5♒40	28♉ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	13n39	25s12	4s37	19n29	1s19	3s45	2s11	23n14	0n58	19n 4	0n23	23s39	2s 5	4s38	0s41	6n 6	1s37	39n27	17n 4	19s 0	19s 0	24n15			n.a.
T 2	13 59	27 10	3 58	19 21	1 32	3 16	2 10	23 6	0 57	19 8	0 23	23 39	2 5	4 37	0 41	6 7	1 37	39 27	17 4	19 2	19 0	24 16			n.a.
W 3	14 18	27 10	3 3	19 12	1 45	2 47	2 9	22 58	0 55	19 12	0 24	23 39	2 5	4 35	0 41	6 7	1 37	39 26	17 3	19 3	19 1	24 18			n.a.
T 4	14 37	25 20	1 58	19 2	1 58	2 18	2 8	22 50	0 54	19 15	0 24	23 39	2 6	4 34	0 41	6 8	1 37	39 25	17 3	19 4	19 2	24 19			n.a.
F 5	14 56	21 59	0 48	18 51	2 12	1 49	2 7	22 42	0 52	19 19	0 24	23 39	2 6	4 33	0 41	6 9	1 37	39 25	17 2	19 4	19 3	24 21			n.a.
S 6	15 15	17 32	0n23	18 39	2 25	1 19	2 5	22 34	0 51	19 22	0 24	23 40	2 6	4 32	0 41	6 10	1 37	39 24	17 2	19 4	19 4	24 22			n.a.
S 7	15 34	12 23	1 30	18 26	2 38	0 50	2 4	22 25	0 50	19 26	0 24	23 40	2 7	4 31	0 41	6 11	1 37	39 23	17 1	19 4	19 5	24 23			n.a.
M 8	15 52	6 50	2 32	18 12	2 51	0 20	2 3	22 17	0 48	19 29	0 24	23 40	2 7	4 30	0 41	6 11	1 37	39 23	17 1	19 5	19 5	24 25			n.a.
T 9	16 10	1 8	3 25	17 57	3 4	0n10	2 1	22 8	0 47	19 33	0 24	23 40	2 7	4 29	0 41	6 12	1 37	39 22	17 0	19 6	19 6	24 26			n.a.
W10	16 28	4n30	4 7	17 41	3 16	0 39	2 0	21 59	0 45	19 36	0 24	23 41	2 8	4 28	0 41	6 13	1 37	39 21	17 0	19 8	19 7	24 28			n.a.
T 11	16 45	9 54	4 37	17 25	3 27	1 9	1 58	21 50	0 44	19 40	0 24	23 41	2 8	4 28	0 41	6 14	1 37	39 21	16 59	19 10	19 8	24 29			n.a.
F 12	17 3	14 52	4 55	17 9	3 38	1 39	1 57	21 40	0 43	19 43	0 24	23 41	2 8	4 27	0 41	6 15	1 37	39 20	16 59	19 13	19 9	24 31			n.a.
S 13	17 20	19 15	5 0	16 52	3 48	2 9	1 55	21 31	0 41	19 46	0 25	23 41	2 8	4 26	0 41	6 15	1 37	39 19	16 58	19 17	19 10	24 32			n.a.
S 14	17 37	22 51	4 51	16 36	3 56	2 39	1 53	21 21	0 40	19 50	0 25	23 42	2 9	4 25	0 41	6 16	1 37	39 18	16 58	19 20	19 10	24 33			n.a.
M15	17 53	25 29	4 30	16 19	4 4	3 9	1 51	21 11	0 39	19 53	0 25	23 42	2 9	4 24	0 41	6 17	1 37	39 18	16 57	19 24	19 11	24 35			n.a.
T 16	18 9	26 59	3 57	16 3	4 10	3 39	1 49	21 1	0 37	19 57	0 25	23 42	2 9	4 23	0 41	6 18	1 37	39 17	16 57	19 26	19 12	24 36			n.a.
W17	18 25	27 16	3 14	15 47	4 14	4 9	1 47	20 51	0 36	20 0	0 25	23 43	2 10	4 22	0 41	6 18	1 37	39 16	16 56	19 29	19 13	24 37			n.a.
T 18	18 41	26 16	2 22	15 33	4 17	4 38	1 45	20 41	0 35	20 3	0 25	23 43	2 10	4 21	0 41	6 19	1 37	39 16	16 56	19 30	19 14	24 39			n.a.
F 19	18 56	24 2	1 23	15 19	4 18	5 8	1 43	20 30	0 33	20 7	0 25	23 44	2 10	4 20	0 41	6 20	1 37	39 15	16 55	19 31	19 14	24 40			n.a.
S 20	19 11	20 40	0 19	15 7	4 17	5 38	1 41	20 19	0 32	20 10	0 25	23 44	2 10	4 20	0 41	6 21	1 37	39 14	16 55	19 31	19 15	24 41			n.a.
S 21	19 26	16 18	0s47	14 57	4 14	6 8	1 39	20 8	0 31	20 13	0 25	23 45	2 11	4 19	0 41	6 21	1 37	39 14	16 55	19 31	19 16	24 43			n.a.
M22	19 40	11 7	1 53	14 48	4 9	6 37	1 36	19 57	0 30	20 17	0 25	23 45	2 11	4 18	0 41	6 22	1 37	39 13	16 54	19 31	19 17	24 44			n.a.
T 23	19 54	5 17	2 55	14 42	4 3	7 7	1 34	19 46	0 28	20 20	0 26	23 46	2 11	4 17	0 41	6 23	1 37	39 12	16 54	19 31	19 18	24 45			n.a.
W24	20 8	0s59	3 49	14 39	3 54	7 36	1 32	19 35	0 27	20 23	0 26	23 46	2 12	4 17	0 42	6 23	1 38	39 11	16 53	19 32	19 19	24 47			n.a.
T 25	20 22	7 24	4 31	14 38	3 44	8 5	1 29	19 23	0 26	20 27	0 26	23 47	2 12	4 16	0 42	6 24	1 38	39 11	16 53	19 33	19 19	24 48			n.a.
F 26	20 35	13 38	4 56	14 40	3 33	8 34	1 27	19 11	0 25	20 30	0 26	23 47	2 12	4 15	0 42	6 25	1 38	39 10	16 52	19 35	19 20	24 49			n.a.
S 27	20 48	19 13	5 3	14 45	3 20	9 3	1 24	18 59	0 23	20 33	0 26	23 48	2 12	4 15	0 42	6 25	1 38	39 9	16 52	19 37	19 21	24 51			n.a.
S 28	21 0	23 40	4 48	14 53	3 7	9 32	1 22	18 47	0 22	20 36	0 26	23 48	2 13	4 14	0 42	6 26	1 38	39 9	16 52	19 39	19 22	24 52			n.a.
M29	21 12	26 28	4 12	15 4	2 52	10 1	1 19	18 35	0 21	20 39	0 26	23 49	2 13	4 13	0 42	6 27	1 38	39 8	16 51	19 42	19 23	24 53			n.a.
T 30	21n24	27s16	3s19	15n18	2s36	10n29	1s16	18n22	0n20	20n43	0n26	23s50	2s13	4s13	0s42	6n27	1s38	39n 7	16n51	19s43	19s23	24n55			n.a.

Julian Day Number = 191176.5, Delta T = 32h27m42s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'46, Lahiri = -61°30'45 Julian Calendar 1 June 4190 BCE == Greg. Calendar 29 Apr. 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

JULY 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 24 44	4♊12'13	8♑25	18♉31	0♉53	11♌20	28♉15	25°R26	21♓15	19♈50	20♋29	4°R15	5♒37	28♉ 8	n.a.	W 1
T 2	16 28 41	5°10'30	22°54	18°45	2° 5	12° 0	28°28	25♑24	21°16	19°52	20°31	4♒12	5°33	28°15	n.a.	T 2
F 3	16 32 37	6° 8'48	6♒56	19° 7	3°17	12°41	28°41	25°22	21°18	19°53	20°33	4°D12	5°30	28°22	n.a.	F 3
S 4	16 36 34	7° 7'09	20°29	19°38	4°29	13°22	28°54	25°19	21°19	19°55	20°34	4°13	5°27	28°29	n.a.	S 4
S 5	16 40 30	8° 5'33	3♓37	20°17	5°41	14° 3	29° 7	25°17	21°21	19°57	20°36	4°R13	5°24	28°35	n.a.	S 5
M 6	16 44 27	9° 3'58	16°22	21° 4	6°53	14°44	29°21	25°15	21°22	19°58	20°38	4°13	5°21	28°42	n.a.	M 6
T 7	16 48 23	10° 2'26	28°48	21°59	8° 6	15°25	29°34	25°12	21°23	20° 0	20°40	4°11	5°18	28°49	n.a.	T 7
W 8	16 52 20	11° 0'57	11♈ 1	23° 1	9°18	16° 7	29°47	25° 9	21°24	20° 1	20°42	4° 7	5°14	28°55	n.a.	W 8
T 9	16 56 16	11°59'30	23° 4	24°10	10°30	16°48	29°59	25° 6	21°26	20° 3	20°44	4° 1	5°11	29° 2	n.a.	T 9
F 10	17 0 13	12°58'05	5♉ 0	25°25	11°43	17°30	0♊13	25° 4	21°27	20° 5	20°46	3°53	5° 8	29° 9	n.a.	F 10
S 11	17 4 9	13°56'43	16°53	26°46	12°56	18°12	0°26	25° 1	21°28	20° 6	20°48	3°43	5° 5	29°16	n.a.	S 11
S 12	17 8 6	14°55'23	28°44	28°12	14° 8	18°53	0°39	24°57	21°29	20° 7	20°50	3°34	5° 2	29°22	n.a.	S 12
M13	17 12 3	15°54'05	10♊36	29°43	15°21	19°35	0°52	24°54	21°30	20° 9	20°52	3°24	4°58	29°29	n.a.	M13
T 14	17 15 59	16°52'50	22°30	1♊18	16°34	20°17	1° 5	24°51	21°31	20°10	20°54	3°17	4°55	29°36	n.a.	T 14
W15	17 19 56	17°51'37	4♋28	2°57	17°47	20°59	1°18	24°48	21°32	20°12	20°56	3°11	4°52	29°42	n.a.	W15
T 16	17 23 52	18°50'26	16°31	4°38	19° 0	21°42	1°31	24°44	21°32	20°13	20°58	3° 7	4°49	29°49	n.a.	T 16
F 17	17 27 49	19°49'17	28°42	6°23	20°13	22°24	1°44	24°41	21°33	20°14	21° 0	3°D 6	4°46	29°56	n.a.	F 17
S 18	17 31 45	20°48'10	11♌ 3	8° 9	21°26	23° 6	1°56	24°37	21°34	20°16	21° 2	3° 6	4°43	0♊ 3	n.a.	S 18
S 19	17 35 42	21°47'05	23°38	9°57	22°39	23°49	2° 9	24°34	21°35	20°17	21° 5	3° 7	4°39	0° 9	n.a.	S 19
M20	17 39 38	22°46'02	6♍30	11°46	23°52	24°31	2°22	24°30	21°35	20°18	21° 7	3° 9	4°36	0°16	n.a.	M20
T 21	17 43 35	23°45'01	19°42	13°36	25° 6	25°14	2°35	24°26	21°36	20°19	21° 9	3°R 9	4°33	0°23	n.a.	T 21
W22	17 47 31	24°44'02	3♎17	15°26	26°19	25°57	2°47	24°22	21°36	20°21	21°11	3° 9	4°30	0°29	n.a.	W22
T 23	17 51 28	25°43'05	17°16	17°17	27°33	26°40	3° 0	24°18	21°37	20°22	21°13	3° 7	4°27	0°36	n.a.	T 23
F 24	17 55 24	26°42'10	1♏40	19° 9	28°46	27°23	3°13	24°14	21°37	20°23	21°15	3° 4	4°24	0°43	n.a.	F 24
S 25	17 59 21	27°41'17	16°26	20°59	29°59	28° 6	3°25	24°10	21°37	20°24	21°18	2°59	4°20	0°50	n.a.	S 25
S 26	18 3 18	28°40'27	1♐26	22°50	1♊13	28°49	3°38	24° 6	21°38	20°25	21°20	2°54	4°17	0°56	n.a.	S 26
M27	18 7 14	29°39'38	16°34	24°41	2°27	29°32	3°50	24° 2	21°38	20°26	21°22	2°49	4°14	1° 3	n.a.	M27
T 28	18 11 11	0♋38'52	1♑40	26°30	3°41	0♍15	4° 3	23°58	21°38	20°27	21°24	2°46	4°11	1°10	n.a.	T 28
W29	18 15 7	1°38'08	16°33	28°20	4°55	0°58	4°15	23°53	21°38	20°28	21°27	2°43	4° 8	1°16	n.a.	W29
T 30	18 19 4	2°37'26	1♒ 6	0♋ 9	6° 9	1°42	4°28	23°49	21°38	20°29	21°29	2°D42	4° 4	1°23	n.a.	T 30
F 31	18 23 0	3♋36'47	15♒14	1♋57	7♊23	2♍25	4♊40	23♑45	21°R39	20♈30	21♋31	2♒43	4♒ 1	1♊30	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	21n35	26s 3	2s13	15n35	2s20	10n58	1s14	18n10	0n18	20n46	0n27	23s50	2s14	4s12	0s42	6n28	1s38	39n 7	16n51	19s44	19s24	24n56			n.a.
T 2	21 46	23 6	1 0	15 54	2 4	11 26	1 11	17 57	0 17	20 49	0 27	23 51	2 14	4 11	0 42	6 29	1 38	39 6	16 50	19 45	19 25	24 57			n.a.
F 3	21 56	18 50	0n15	16 17	1 48	11 53	1 8	17 44	0 16	20 52	0 27	23 52	2 14	4 11	0 42	6 29	1 38	39 5	16 50	19 45	19 26	24 58			n.a.
S 4	22 7	13 43	1 26	16 41	1 31	12 21	1 6	17 31	0 15	20 55	0 27	23 52	2 14	4 10	0 42	6 30	1 38	39 5	16 49	19 45	19 27	25 0			n.a.
S 5	22 17	8 8	2 31	17 7	1 15	12 48	1 3	17 18	0 14	20 58	0 27	23 53	2 15	4 10	0 42	6 31	1 38	39 4	16 49	19 45	19 27	25 1			n.a.
M 6	22 26	2 23	3 26	17 36	0 58	13 15	1 0	17 4	0 12	21 1	0 27	23 54	2 15	4 9	0 42	6 31	1 38	39 3	16 49	19 45	19 28	25 2			n.a.
T 7	22 35	3n19	4 10	18 5	0 43	13 42	0 57	16 51	0 11	21 4	0 27	23 55	2 15	4 9	0 42	6 32	1 38	39 2	16 48	19 45	19 29	25 3			n.a.
W 8	22 44	8 47	4 42	18 36	0 27	14 9	0 54	16 37	0 10	21 7	0 27	23 55	2 15	4 8	0 42	6 32	1 38	39 2	16 48	19 46	19 30	25 4			n.a.
T 9	22 52	13 50	5 0	19 8	0 13	14 35	0 52	16 23	0 9	21 10	0 27	23 56	2 16	4 8	0 42	6 33	1 38	39 1	16 48	19 48	19 31	25 6			n.a.
F 10	23 0	18 20	5 6	19 41	0n 1	15 0	0 49	16 9	0 8	21 13	0 28	23 57	2 16	4 7	0 42	6 33	1 38	39 0	16 47	19 50	19 31	25 7			n.a.
S 11	23 7	22 6	4 58	20 13	0 14	15 26	0 46	15 55	0 7	21 16	0 28	23 58	2 16	4 7	0 42	6 34	1 38	39 0	16 47	19 52	19 32	25 8			n.a.
S 12	23 14	24 56	4 37	20 45	0 27	15 51	0 43	15 40	0 5	21 19	0 28	23 59	2 16	4 7	0 42	6 34	1 38	38 59	16 47	19 54	19 33	25 9			n.a.
M13	23 21	26 42	4 5	21 17	0 38	16 16	0 40	15 26	0 4	21 22	0 28	23 59	2 17	4 6	0 42	6 35	1 38	38 58	16 46	19 57	19 34	25 10			n.a.
T 14	23 27	27 15	3 21	21 48	0 49	16 40	0 37	15 11	0 3	21 25	0 28	24 0	2 17	4 6	0 42	6 36	1 38	38 58	16 46	19 58	19 34	25 12			n.a.
W15	23 33	26 31	2 28	22 18	0 59	17 4	0 34	14 56	0 2	21 28	0 28	24 1	2 17	4 6	0 42	6 36	1 38	38 57	16 46	20 0	19 35	25 13			n.a.
T 16	23 38	24 32	1 29	22 47	1 8	17 28	0 31	14 41	0 1	21 31	0 28	24 2	2 17	4 5	0 42	6 37	1 38	38 57	16 46	20 1	19 36	25 14			n.a.
F 17	23 43	21 23	0 24	23 14	1 16	17 51	0 28	14 26	0s 0	21 33	0 28	24 3	2 18	4 5	0 42	6 37	1 38	38 56	16 45	20 1	19 37	25 15			n.a.
S 18	23 47	17 15	0s43	23 39	1 23	18 13	0 25	14 11	0 1	21 36	0 29	24 4	2 18	4 5	0 42	6 37	1 38	38 55	16 45	20 1	19 38	25 16			n.a.
S 19	23 51	12 18	1 49	24 2	1 29	18 36	0 22	13 55	0 2	21 39	0 29	24 5	2 18	4 5	0 42	6 38	1 38	38 55	16 45	20 1	19 38	25 17			n.a.
M20	23 55	6 44	2 51	24 23	1 34	18 57	0 20	13 40	0 3	21 42	0 29	24 6	2 18	4 4	0 42	6 38	1 38	38 54	16 45	20 0	19 39	25 18			n.a.
T 21	23 58	0 44	3 46	24 43	1 39	19 19	0 17	13 24	0 5	21 44	0 29	24 7	2 19	4 4	0 42	6 39	1 38	38 53	16 44	20 0	19 40	25 20			n.a.
W22	24 0	5s27	4 30	25 0	1 43	19 39	0 14	13 8	0 6	21 47	0 29	24 7	2 19	4 4	0 42	6 39	1 38	38 53	16 44	20 0	19 41	25 21			n.a.
T 23	24 3	11 33	4 59	25 14	1 45	20 0	0 11	12 52	0 7	21 50	0 29	24 8	2 19	4 4	0 42	6 40	1 38	38 52	16 44	20 1	19 42	25 22			n.a.
F 24	24 4	17 13	5 11	25 27	1 48	20 19	0 8	12 36	0 8	21 52	0 29	24 9	2 19	4 4	0 42	6 40	1 39	38 52	16 44	20 1	19 42	25 23			n.a.
S 25	24 6	22 2	5 3	25 37	1 49	20 38	0 5	12 20	0 9	21 55	0 30	24 10	2 19	4 4	0 42	6 40	1 39	38 51	16 44	20 3	19 43	25 24			n.a.
S 26	24 6	25 29	4 34	25 45	1 50	20 57	0 2	12 4	0 10	21 58	0 30	24 11	2 20	4 3	0 42	6 41	1 39	38 50	16 43	20 4	19 44	25 25			n.a.
M27	24 7	27 9	3 45	25 51	1 51	21 15	0n 1	11 47	0 11	22 0	0 30	24 12	2 20	4 3	0 42	6 41	1 39	38 50	16 43	20 5	19 45	25 26			n.a.
T 28	24 7	26 48	2 41	25 55	1 50	21 32	0 3	11 31	0 12	22 3	0 30	24 13	2 20	4 3	0 43	6 41	1 39	38 49	16 43	20 6	19 45	25 27			n.a.
W29	24 6	24 30	1 27	25 56	1 50	21 49	0 6	11 14	0 13	22 5	0 30	24 14	2 20	4 3	0 43	6 42	1 39	38 49	16 43	20 6	19 46	25 28			n.a.
T 30	24 5	20 37	0 9	25 55	1 48	22 5	0 9	10 57	0 14	22 8	0 30	24 15	2 20	4 3	0 43	6 42	1 39	38 48	16 43	20 7	19 47	25 29			n.a.
F 31	24n 4	15s38	1n 8	25n53	1n47	22n21	0n12	10n40	0s15	22n10	0n30	24s16	2s20	4s 3	0s43	6n42	1s39	38n47	16n42	20s 6	19s48	25n30			n.a.

Julian Day Number = 191206.5, Delta T = 32h27m39s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'42, Lahiri = -61°30'41 Julian Calendar 1 July 4190 BCE == Greg. Calendar 29 May 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

AUGUST 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 26 57	4♋36'10	28♒55	3♋44	8♊37	3♍ 9	4♊52	23°R40	21°R38	20♈31	21♋34	2♒44	3♒58	1♊37	n.a.	S 1
S 2	18 30 53	5°35'35	12♓10	5°30	9°51	3°53	5° 5	23♉36	21♓38	20°32	21°36	2°46	3°55	1°43	n.a.	S 2
M 3	18 34 50	6°35'03	25° 0	7°16	11° 5	4°36	5°17	23°31	21°38	20°33	21°38	2°47	3°52	1°50	n.a.	M 3
T 4	18 38 46	7°34'34	7♈30	9° 1	12°19	5°20	5°29	23°27	21°38	20°33	21°41	2°R48	3°49	1°57	n.a.	T 4
W 5	18 42 43	8°34'07	19°44	10°45	13°33	6° 4	5°41	23°22	21°38	20°34	21°43	2°47	3°45	2° 3	n.a.	W 5
T 6	18 46 39	9°33'43	1♉45	12°29	14°48	6°48	5°53	23°17	21°38	20°35	21°45	2°45	3°42	2°10	n.a.	T 6
F 7	18 50 36	10°33'22	13°40	14°11	16° 2	7°32	6° 5	23°12	21°37	20°36	21°48	2°43	3°39	2°17	n.a.	F 7
S 8	18 54 33	11°33'02	25°31	15°53	17°16	8°16	6°17	23° 8	21°37	20°36	21°50	2°39	3°36	2°24	n.a.	S 8
S 9	18 58 29	12°32'46	7♊22	17°34	18°31	9° 0	6°29	23° 3	21°37	20°37	21°52	2°36	3°33	2°30	n.a.	S 9
M10	19 2 26	13°32'32	19°16	19°15	19°46	9°45	6°41	22°58	21°36	20°37	21°55	2°33	3°30	2°37	n.a.	M10
T 11	19 6 22	14°32'20	1♋16	20°54	21° 0	10°29	6°53	22°53	21°36	20°38	21°57	2°30	3°26	2°44	n.a.	T 11
W12	19 10 19	15°32'10	13°23	22°33	22°15	11°14	7° 4	22°48	21°35	20°39	21°59	2°28	3°23	2°50	n.a.	W12
T 13	19 14 15	16°32'03	25°39	24°11	23°29	11°58	7°16	22°44	21°34	20°39	22° 2	2°27	3°20	2°57	n.a.	T 13
F 14	19 18 12	17°31'58	8♌ 5	25°49	24°44	12°43	7°27	22°39	21°34	20°39	22° 4	2°D27	3°17	3° 4	n.a.	F 14
S 15	19 22 8	18°31'55	20°43	27°26	25°59	13°27	7°39	22°34	21°33	20°40	22° 7	2°28	3°14	3°10	n.a.	S 15
S 16	19 26 5	19°31'54	3♍33	29° 2	27°14	14°12	7°50	22°29	21°32	20°40	22° 9	2°29	3°10	3°17	n.a.	S 16
M17	19 30 1	20°31'54	16°37	0♌37	28°29	14°57	8° 2	22°24	21°31	20°41	22°11	2°30	3° 7	3°24	n.a.	M17
T 18	19 33 58	21°31'57	29°57	2°12	29°44	15°42	8°13	22°19	21°30	20°41	22°14	2°31	3° 4	3°31	n.a.	T 18
W19	19 37 54	22°32'02	13♎33	3°46	0♋59	16°26	8°24	22°14	21°29	20°41	22°16	2°32	3° 1	3°37	n.a.	W19
T 20	19 41 51	23°32'08	27°26	5°20	2°14	17°11	8°35	22° 9	21°28	20°42	22°19	2°R32	2°58	3°44	n.a.	T 20
F 21	19 45 47	24°32'16	11♏36	6°53	3°29	17°56	8°46	22° 4	21°27	20°42	22°21	2°31	2°55	3°51	n.a.	F 21
S 22	19 49 44	25°32'27	26° 1	8°26	4°44	18°41	8°57	21°59	21°26	20°42	22°23	2°31	2°51	3°57	n.a.	S 22
S 23	19 53 41	26°32'39	10♐37	9°58	5°59	19°27	9° 8	21°54	21°25	20°42	22°26	2°30	2°48	4° 4	n.a.	S 23
M24	19 57 37	27°32'53	25°20	11°29	7°14	20°12	9°19	21°50	21°24	20°42	22°28	2°29	2°45	4°11	n.a.	M24
T 25	20 1 34	28°33'08	10♑ 3	13° 0	8°29	20°57	9°29	21°45	21°23	20°42	22°31	2°29	2°42	4°18	n.a.	T 25
W26	20 5 30	29°33'26	24°38	14°30	9°44	21°42	9°40	21°40	21°22	20°42	22°33	2°29	2°39	4°24	n.a.	W26
T 27	20 9 27	0♌33'46	9♒ 1	15°59	10°59	22°28	9°50	21°35	21°20	20°R42	22°35	2°D29	2°36	4°31	n.a.	T 27
F 28	20 13 23	1°34'07	23° 5	17°28	12°15	23°13	10° 1	21°30	21°19	20°42	22°38	2°29	2°32	4°38	n.a.	F 28
S 29	20 17 20	2°34'31	6♓47	18°57	13°30	23°58	10°11	21°25	21°17	20°42	22°40	2°R29	2°29	4°44	n.a.	S 29
S 30	20 21 16	3°34'56	20° 5	20°25	14°45	24°44	10°21	21°21	21°16	20°42	22°42	2°29	2°26	4°51	n.a.	S 30
M31	20 25 13	4♌35'24	3♈ 1	21♌52	16♋ 1	25♍29	10♊32	21♉16	21♓14	20♈42	22♋45	2♒29	2♒23	4♊58	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 2	10s 1	2n19	25n48	1n44	22n36	0n14	10n23	0s16	22n13	0n31	24s17	2s21	4s 3	0s43	6n43	1s39	38n47	16n42	20s 6	19s48	25n31		n.a.
S 2	24 0	4 8	3 20	25 42	1 42	22 50	0 17	10 6	0 17	22 15	0 31	24 18	2 21	4 3	0 43	6 43	1 39	38 46	16 42	20 6	19 49	25 33		n.a.
M 3	23 57	1n45	4 9	25 33	1 39	23 4	0 20	9 49	0 18	22 18	0 31	24 19	2 21	4 3	0 43	6 43	1 39	38 46	16 42	20 5	19 50	25 34		n.a.
T 4	23 53	7 23	4 44	25 23	1 36	23 17	0 22	9 32	0 19	22 20	0 31	24 20	2 21	4 4	0 43	6 44	1 39	38 45	16 42	20 5	19 51	25 35		n.a.
W 5	23 50	12 37	5 6	25 12	1 32	23 29	0 25	9 14	0 20	22 22	0 31	24 21	2 21	4 4	0 43	6 44	1 39	38 45	16 42	20 5	19 52	25 36		n.a.
T 6	23 46	17 18	5 14	24 58	1 28	23 41	0 28	8 57	0 21	22 25	0 31	24 22	2 21	4 4	0 43	6 44	1 39	38 44	16 42	20 6	19 52	25 37		n.a.
F 7	23 41	21 16	5 9	24 43	1 24	23 52	0 30	8 39	0 22	22 27	0 32	24 23	2 21	4 4	0 43	6 44	1 39	38 44	16 42	20 7	19 53	25 38		n.a.
S 8	23 36	24 21	4 50	24 27	1 19	24 2	0 33	8 21	0 23	22 29	0 32	24 24	2 22	4 4	0 43	6 45	1 39	38 43	16 42	20 7	19 54	25 39		n.a.
S 9	23 30	26 24	4 19	24 9	1 14	24 11	0 35	8 3	0 24	22 32	0 32	24 25	2 22	4 4	0 43	6 45	1 39	38 43	16 42	20 8	19 55	25 40		n.a.
M10	23 24	27 15	3 36	23 50	1 9	24 20	0 37	7 45	0 24	22 34	0 32	24 26	2 22	4 5	0 43	6 45	1 39	38 42	16 41	20 9	19 55	25 41		n.a.
T 11	23 18	26 50	2 44	23 30	1 4	24 28	0 40	7 27	0 25	22 36	0 32	24 27	2 22	4 5	0 43	6 45	1 39	38 42	16 41	20 9	19 56	25 42		n.a.
W12	23 11	25 8	1 43	23 8	0 59	24 35	0 42	7 9	0 26	22 38	0 32	24 28	2 22	4 5	0 43	6 45	1 39	38 41	16 41	20 10	19 57	25 42		n.a.
T 13	23 3	22 14	0 38	22 45	0 53	24 42	0 44	6 51	0 27	22 40	0 33	24 28	2 22	4 5	0 43	6 45	1 39	38 41	16 41	20 10	19 58	25 43		n.a.
F 14	22 56	18 16	0s31	22 21	0 47	24 47	0 47	6 33	0 28	22 43	0 33	24 29	2 22	4 6	0 43	6 46	1 39	38 40	16 41	20 10	19 58	25 44		n.a.
S 15	22 47	13 26	1 39	21 56	0 41	24 52	0 49	6 14	0 29	22 45	0 33	24 30	2 22	4 6	0 43	6 46	1 39	38 40	16 41	20 10	19 59	25 45		n.a.
S 16	22 39	7 57	2 44	21 31	0 35	24 56	0 51	5 56	0 30	22 47	0 33	24 31	2 22	4 6	0 43	6 46	1 40	38 39	16 41	20 10	20 0	25 46		n.a.
M17	22 30	2 3	3 41	21 4	0 29	25 0	0 53	5 37	0 31	22 49	0 33	24 32	2 22	4 7	0 43	6 46	1 40	38 39	16 41	20 9	20 1	25 47		n.a.
T 18	22 20	4s 3	4 27	20 36	0 23	25 2	0 55	5 19	0 32	22 51	0 33	24 33	2 23	4 7	0 43	6 46	1 40	38 38	16 41	20 9	20 1	25 48		n.a.
W19	22 10	10 4	5 0	20 7	0 16	25 4	0 57	5 0	0 32	22 53	0 34	24 34	2 23	4 7	0 43	6 46	1 40	38 38	16 41	20 9	20 2	25 49		n.a.
T 20	22 0	15 44	5 16	19 38	0 10	25 5	0 59	4 41	0 33	22 55	0 34	24 35	2 23	4 8	0 43	6 46	1 40	38 37	16 41	20 9	20 3	25 50		n.a.
F 21	21 49	20 41	5 13	19 8	0 3	25 5	1 1	4 23	0 34	22 57	0 34	24 36	2 23	4 8	0 43	6 46	1 40	38 37	16 41	20 9	20 4	25 51		n.a.
S 22	21 38	24 30	4 51	18 37	0s 3	25 4	1 3	4 4	0 35	22 59	0 34	24 37	2 23	4 9	0 43	6 46	1 40	38 37	16 41	20 9	20 4	25 52		n.a.
S 23	21 26	26 47	4 10	18 5	0 10	25 3	1 4	3 45	0 36	23 1	0 34	24 38	2 23	4 9	0 43	6 46	1 40	38 36	16 41	20 10	20 5	25 53		n.a.
M24	21 14	27 14	3 12	17 33	0 17	25 1	1 6	3 26	0 37	23 2	0 34	24 38	2 23	4 10	0 43	6 46	1 40	38 36	16 41	20 10	20 6	25 53		n.a.
T 25	21 2	25 44	2 1	17 1	0 24	24 58	1 8	3 7	0 37	23 4	0 35	24 39	2 23	4 10	0 43	6 46	1 40	38 35	16 42	20 10	20 7	25 54		n.a.
W26	20 49	22 31	0 43	16 28	0 30	24 54	1 9	2 48	0 38	23 6	0 35	24 40	2 23	4 11	0 43	6 46	1 40	38 35	16 42	20 10	20 7	25 55		n.a.
T 27	20 36	17 56	0n36	15 54	0 37	24 50	1 11	2 29	0 39	23 8	0 35	24 41	2 23	4 11	0 43	6 46	1 40	38 35	16 42	20 10	20 8	25 56		n.a.
F 28	20 22	12 27	1 52	15 20	0 44	24 44	1 12	2 10	0 40	23 10	0 35	24 42	2 23	4 12	0 43	6 46	1 40	38 34	16 42	20 10	20 9	25 57		n.a.
S 29	20 8	6 30	2 59	14 46	0 51	24 38	1 14	1 51	0 40	23 11	0 35	24 43	2 23	4 13	0 43	6 46	1 40	38 34	16 42	20 10	20 10	25 58		n.a.
S 30	19 54	0 27	3 55	14 11	0 58	24 31	1 15	1 31	0 41	23 13	0 36	24 43	2 23	4 13	0 43	6 46	1 40	38 34	16 42	20 10	20 10	25 59		n.a.
M31	19n39	5n26	4n36	13n36	1s 4	24n23	1n16	1n12	0s42	23n15	0n36	24s44	2s23	4s14	0s43	6n46	1s40	38n33	16n42	20s10	20s11	25n59		n.a.

Julian Day Number = 191237.5, Delta T = 32h27m36s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'38, Lahiri = -61°30'37 Julian Calendar 1 Aug. 4190 BCE == Greg. Calendar 29 June 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

SEPTEMBER 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 29 9	5♌35'54	15♈35	23♌19	17♋16	26♍15	10♊42	21°R11	21°R13	20°R42	22♋47	2°R28	2♒20	5♊ 4	n.a.	T 1
W 2	20 33 6	6°36'26	27°52	24°45	18°32	27° 1	10°52	21♉ 7	21♓11	20♈42	22°50	2♒28	2°16	5°11	n.a.	W 2
T 3	20 37 2	7°37'00	9♉55	26°10	19°47	27°46	11° 1	21° 2	21°10	20°42	22°52	2°D28	2°13	5°18	n.a.	T 3
F 4	20 40 59	8°37'37	21°50	27°34	21° 2	28°32	11°11	20°57	21° 8	20°41	22°54	2°28	2°10	5°25	n.a.	F 4
S 5	20 44 55	9°38'15	3♊41	28°58	22°18	29°18	11°21	20°53	21° 6	20°41	22°57	2°29	2° 7	5°31	n.a.	S 5
S 6	20 48 52	10°38'56	15°33	0♍21	23°34	0♎ 4	11°30	20°48	21° 5	20°41	22°59	2°30	2° 4	5°38	n.a.	S 6
M 7	20 52 49	11°39'39	27°30	1°43	24°49	0°49	11°40	20°44	21° 3	20°40	23° 1	2°31	2° 1	5°45	n.a.	M 7
T 8	20 56 45	12°40'23	9♋35	3° 4	26° 5	1°35	11°49	20°40	21° 1	20°40	23° 3	2°31	1°57	5°51	n.a.	T 8
W 9	21 0 42	13°41'09	21°51	4°23	27°20	2°21	11°58	20°35	20°59	20°39	23° 6	2°32	1°54	5°58	n.a.	W 9
T 10	21 4 38	14°41'57	4♌21	5°42	28°36	3° 7	12° 7	20°31	20°57	20°39	23° 8	2°R32	1°51	6° 5	n.a.	T 10
F 11	21 8 35	15°42'47	17° 6	6°59	29°52	3°53	12°16	20°27	20°55	20°39	23°10	2°32	1°48	6°11	n.a.	F 11
S 12	21 12 31	16°43'38	0♍ 6	8°14	1♌ 7	4°39	12°25	20°23	20°53	20°38	23°12	2°31	1°45	6°18	n.a.	S 12
S 13	21 16 28	17°44'31	13°20	9°28	2°23	5°26	12°34	20°18	20°51	20°37	23°15	2°29	1°42	6°25	n.a.	S 13
M14	21 20 24	18°45'25	26°48	10°40	3°39	6°12	12°42	20°14	20°49	20°37	23°17	2°27	1°38	6°32	n.a.	M14
T 15	21 24 21	19°46'21	10♎28	11°49	4°54	6°58	12°51	20°11	20°47	20°36	23°19	2°24	1°35	6°38	n.a.	T 15
W16	21 28 17	20°47'17	24°18	12°56	6°10	7°44	12°59	20° 7	20°45	20°36	23°21	2°22	1°32	6°45	n.a.	W16
T 17	21 32 14	21°48'15	8♏17	14° 1	7°26	8°30	13° 7	20° 3	20°43	20°35	23°24	2°21	1°29	6°52	n.a.	T 17
F 18	21 36 11	22°49'14	22°23	15° 2	8°41	9°17	13°15	19°59	20°41	20°34	23°26	2°D20	1°26	6°58	n.a.	F 18
S 19	21 40 7	23°50'15	6♐34	15°59	9°57	10° 3	13°23	19°55	20°39	20°33	23°28	2°21	1°22	7° 5	n.a.	S 19
S 20	21 44 4	24°51'16	20°48	16°52	11°13	10°49	13°31	19°52	20°37	20°33	23°30	2°22	1°19	7°12	n.a.	S 20
M21	21 48 0	25°52'18	5♑ 3	17°40	12°29	11°36	13°39	19°48	20°34	20°32	23°32	2°23	1°16	7°18	n.a.	M21
T 22	21 51 57	26°53'22	19°16	18°23	13°44	12°22	13°47	19°45	20°32	20°31	23°34	2°24	1°13	7°25	n.a.	T 22
W23	21 55 53	27°54'26	3♒24	19° 0	15° 0	13° 9	13°54	19°42	20°30	20°30	23°36	2°R25	1°10	7°32	n.a.	W23
T 24	21 59 50	28°55'32	17°23	19°31	16°16	13°55	14° 1	19°39	20°27	20°29	23°38	2°24	1° 7	7°39	n.a.	T 24
F 25	22 3 46	29°56'38	1♓ 9	19°54	17°32	14°41	14° 8	19°35	20°25	20°28	23°40	2°22	1° 3	7°45	n.a.	F 25
S 26	22 7 43	0♍57'46	14°39	20° 8	18°48	15°28	14°15	19°32	20°23	20°27	23°42	2°18	1° 0	7°52	n.a.	S 26
S 27	22 11 40	1°58'54	27°52	20°R14	20° 3	16°14	14°22	19°29	20°20	20°26	23°44	2°14	0°57	7°59	n.a.	S 27
M28	22 15 36	3° 0'04	10♈46	20°10	21°19	17° 1	14°29	19°27	20°18	20°25	23°46	2° 8	0°54	8° 5	n.a.	M28
T 29	22 19 33	4° 1'15	23°21	19°55	22°35	17°47	14°35	19°24	20°16	20°24	23°48	2° 3	0°51	8°12	n.a.	T 29
W30	22 23 29	5♍ 2'28	5♉39	19♍29	23♌51	18♎34	14♊42	19♑21	20♓13	20♈23	23♋50	1♒58	0♒47	8♊19	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n24	10n57	5n 4	13n 1	1s11	24n15	1n18	0n53	0s43	23n17	0n36	24s45	2s23	4s14	0s43	6n46	1s40	38n33	16n42	20s10	20s12	26n 0		n.a.
W 2	19 9	15 54	5 16	12 26	1 18	24 6	1 19	0 34	0 43	23 18	0 36	24 46	2 23	4 15	0 44	6 46	1 40	38 33	16 42	20 10	20 13	26 1		n.a.
T 3	18 53	20 9	5 14	11 50	1 24	23 56	1 20	0 14	0 44	23 20	0 36	24 46	2 23	4 16	0 44	6 45	1 40	38 32	16 43	20 10	20 13	26 2		n.a.
F 4	18 37	23 33	4 59	11 15	1 30	23 45	1 21	0s 5	0 45	23 21	0 37	24 47	2 23	4 16	0 44	6 45	1 40	38 32	16 43	20 10	20 14	26 3		n.a.
S 5	18 20	25 55	4 31	10 39	1 37	23 33	1 22	0 24	0 46	23 23	0 37	24 48	2 23	4 17	0 44	6 45	1 40	38 32	16 43	20 10	20 15	26 3		n.a.
S 6	18 3	27 9	3 52	10 4	1 43	23 21	1 23	0 44	0 46	23 25	0 37	24 48	2 23	4 18	0 44	6 45	1 41	38 31	16 43	20 10	20 16	26 4		n.a.
M 7	17 46	27 8	3 2	9 28	1 49	23 8	1 23	1 3	0 47	23 26	0 37	24 49	2 23	4 19	0 44	6 45	1 41	38 31	16 43	20 9	20 16	26 5		n.a.
T 8	17 29	25 49	2 4	8 53	1 55	22 54	1 24	1 23	0 48	23 28	0 37	24 50	2 23	4 19	0 44	6 45	1 41	38 31	16 44	20 9	20 17	26 6		n.a.
W 9	17 11	23 15	0 59	8 19	2 0	22 40	1 25	1 42	0 48	23 29	0 38	24 50	2 23	4 20	0 44	6 44	1 41	38 31	16 44	20 9	20 18	26 6		n.a.
T 10	16 53	19 33	0s10	7 44	2 6	22 25	1 25	2 1	0 49	23 30	0 38	24 51	2 23	4 21	0 44	6 44	1 41	38 30	16 44	20 9	20 19	26 7		n.a.
F 11	16 35	14 53	1 20	7 10	2 11	22 9	1 26	2 21	0 50	23 32	0 38	24 52	2 23	4 22	0 44	6 44	1 41	38 30	16 44	20 9	20 19	26 8		n.a.
S 12	16 16	9 29	2 27	6 37	2 16	21 53	1 26	2 40	0 50	23 33	0 38	24 52	2 23	4 23	0 44	6 44	1 41	38 30	16 44	20 9	20 20	26 9		n.a.
S 13	15 57	3 34	3 27	6 5	2 20	21 36	1 27	2 59	0 51	23 35	0 38	24 53	2 23	4 23	0 44	6 43	1 41	38 30	16 45	20 10	20 21	26 9		n.a.
M14	15 37	2s36	4 16	5 33	2 24	21 18	1 27	3 19	0 52	23 36	0 39	24 53	2 22	4 24	0 44	6 43	1 41	38 30	16 45	20 10	20 21	26 10		n.a.
T 15	15 18	8 43	4 52	5 3	2 28	20 59	1 27	3 38	0 52	23 37	0 39	24 54	2 22	4 25	0 44	6 43	1 41	38 29	16 45	20 11	20 22	26 11		n.a.
W16	14 58	14 29	5 12	4 34	2 31	20 40	1 28	3 58	0 53	23 39	0 39	24 54	2 22	4 26	0 44	6 43	1 41	38 29	16 45	20 11	20 23	26 12		n.a.
T 17	14 38	19 35	5 13	4 6	2 34	20 21	1 28	4 17	0 53	23 40	0 39	24 55	2 22	4 27	0 44	6 42	1 41	38 29	16 46	20 12	20 24	26 12		n.a.
F 18	14 18	23 38	4 56	3 40	2 36	20 0	1 28	4 36	0 54	23 41	0 40	24 55	2 22	4 28	0 44	6 42	1 41	38 29	16 46	20 12	20 24	26 13		n.a.
S 19	13 57	26 18	4 21	3 16	2 38	19 40	1 28	4 55	0 55	23 43	0 40	24 56	2 22	4 29	0 44	6 42	1 41	38 29	16 46	20 12	20 25	26 14		n.a.
S 20	13 36	27 16	3 29	2 54	2 39	19 18	1 28	5 15	0 55	23 44	0 40	24 56	2 22	4 29	0 44	6 41	1 41	38 29	16 47	20 11	20 26	26 14		n.a.
M21	13 15	26 26	2 25	2 35	2 39	18 56	1 28	5 34	0 56	23 45	0 40	24 57	2 22	4 30	0 44	6 41	1 41	38 29	16 47	20 11	20 27	26 15		n.a.
T 22	12 54	23 52	1 12	2 19	2 38	18 34	1 27	5 53	0 56	23 46	0 40	24 57	2 22	4 31	0 44	6 41	1 41	38 28	16 47	20 11	20 27	26 16		n.a.
W23	12 32	19 52	0n 5	2 6	2 36	18 11	1 27	6 12	0 57	23 47	0 41	24 57	2 22	4 32	0 44	6 40	1 41	38 28	16 47	20 11	20 28	26 16		n.a.
T 24	12 10	14 47	1 21	1 56	2 32	17 47	1 27	6 31	0 57	23 48	0 41	24 58	2 21	4 33	0 44	6 40	1 41	38 28	16 48	20 11	20 29	26 17		n.a.
F 25	11 48	9 2	2 31	1 51	2 28	17 23	1 26	6 50	0 58	23 50	0 41	24 58	2 21	4 34	0 44	6 40	1 41	38 28	16 48	20 11	20 29	26 17		n.a.
S 26	11 26	2 59	3 31	1 50	2 22	16 58	1 26	7 9	0 59	23 51	0 41	24 59	2 21	4 35	0 44	6 39	1 41	38 28	16 49	20 12	20 30	26 18		n.a.
S 27	11 4	3n 3	4 18	1 55	2 15	16 33	1 25	7 28	0 59	23 52	0 42	24 59	2 21	4 36	0 44	6 39	1 41	38 28	16 49	20 13	20 31	26 19		n.a.
M28	10 41	8 48	4 51	2 5	2 6	16 8	1 25	7 47	1 0	23 53	0 42	24 59	2 21	4 37	0 44	6 38	1 41	38 28	16 49	20 15	20 32	26 19		n.a.
T 29	10 19	14 4	5 8	2 20	1 56	15 42	1 24	8 6	1 0	23 54	0 42	24 59	2 21	4 38	0 44	6 38	1 41	38 28	16 50	20 16	20 32	26 20		n.a.
W30	9n56	18n39	5n11	2n42	1s43	15n15	1n23	8s24	1s 1	23n55	0n42	25s 0	2s21	4s39	0s44	6n37	1s41	38n28	16n50	20s17	20s33	26n21		n.a.

Julian Day Number = 191268.5, Delta T = 32h27m32s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'34, Lahiri = -61°30'33 Julian Calendar 1 Sept. 4190 BCE == Greg. Calendar 30 July 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

OCTOBER 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 27 26	6♍ 3'41	17♉44	18°R52	25♌ 6	19♎21	14♊48	19°R19	20°R11	20°R22	23♋52	1°R55	0♒44	8♊25	n.a.	T 1
F 2	22 31 22	7° 4'56	29°40	18♍ 4	26°22	20° 7	14°54	19♉16	20♓ 8	20♈21	23°54	1♒53	0°41	8°32	n.a.	F 2
S 3	22 35 19	8° 6'12	11♊31	17° 6	27°38	20°54	15° 0	19°14	20° 6	20°20	23°56	1°D53	0°38	8°39	n.a.	S 3
S 4	22 39 15	9° 7'29	23°22	15°59	28°54	21°40	15° 6	19°11	20° 3	20°19	23°58	1°54	0°35	8°46	n.a.	S 4
M 5	22 43 12	10° 8'47	5♋18	14°44	0♍10	22°27	15°12	19° 9	20° 1	20°17	24° 0	1°55	0°32	8°52	n.a.	M 5
T 6	22 47 9	11°10'06	17°25	13°24	1°25	23°14	15°17	19° 7	19°58	20°16	24° 1	1°57	0°28	8°59	n.a.	T 6
W 7	22 51 5	12°11'26	29°47	12° 2	2°41	24° 0	15°22	19° 5	19°56	20°15	24° 3	1°R58	0°25	9° 6	n.a.	W 7
T 8	22 55 2	13°12'47	12♌26	10°39	3°57	24°47	15°27	19° 3	19°53	20°14	24° 5	1°57	0°22	9°12	n.a.	T 8
F 9	22 58 58	14°14'08	25°26	9°20	5°13	25°34	15°32	19° 2	19°51	20°12	24° 7	1°55	0°19	9°19	n.a.	F 9
S 10	23 2 55	15°15'30	8♍47	8° 6	6°29	26°21	15°37	19° 0	19°48	20°11	24° 8	1°50	0°16	9°26	n.a.	S 10
S 11	23 6 51	16°16'53	22°27	7° 0	7°44	27° 7	15°42	18°59	19°45	20°10	24°10	1°44	0°13	9°32	n.a.	S 11
M12	23 10 48	17°18'16	6♎24	6° 3	9° 0	27°54	15°46	18°57	19°43	20° 8	24°12	1°36	0° 9	9°39	n.a.	M12
T 13	23 14 45	18°19'40	20°33	5°17	10°16	28°41	15°50	18°56	19°40	20° 7	24°13	1°28	0° 6	9°46	n.a.	T 13
W14	23 18 41	19°21'03	4♏49	4°41	11°32	29°28	15°55	18°55	19°38	20° 6	24°15	1°21	0° 3	9°52	n.a.	W14
T 15	23 22 38	20°22'27	19° 8	4°17	12°47	0♏14	15°58	18°54	19°35	20° 4	24°16	1°15	29♑59	9°59	n.a.	T 15
F 16	23 26 34	21°23'52	3♐24	4° 4	14° 3	1° 1	16° 2	18°53	19°33	20° 3	24°18	1°11	29°57	10° 6	n.a.	F 16
S 17	23 30 31	22°25'16	17°35	4°D 1	15°19	1°48	16° 6	18°52	19°30	20° 1	24°20	1°D 9	29°53	10°13	n.a.	S 17
S 18	23 34 27	23°26'40	1♑40	4° 7	16°34	2°35	16° 9	18°51	19°28	20° 0	24°21	1°10	29°50	10°19	n.a.	S 18
M19	23 38 24	24°28'04	15°36	4°23	17°50	3°22	16°12	18°51	19°25	19°58	24°22	1°11	29°47	10°26	n.a.	M19
T 20	23 42 21	25°29'28	29°25	4°47	19° 6	4° 8	16°15	18°50	19°22	19°57	24°24	1°R11	29°44	10°33	n.a.	T 20
W21	23 46 17	26°30'51	13♒ 5	5°18	20°21	4°55	16°18	18°50	19°20	19°55	24°25	1°11	29°41	10°39	n.a.	W21
T 22	23 50 14	27°32'15	26°36	5°56	21°37	5°42	16°21	18°49	19°17	19°54	24°27	1° 8	29°38	10°46	n.a.	T 22
F 23	23 54 10	28°33'38	9♓57	6°40	22°53	6°29	16°23	18°49	19°15	19°52	24°28	1° 2	29°34	10°53	n.a.	F 23
S 24	23 58 7	29°35'01	23° 7	7°29	24° 8	7°15	16°26	18°D49	19°12	19°51	24°29	0°54	29°31	10°59	n.a.	S 24
S 25	0 2 3	0♎36'24	6♈ 4	8°23	25°24	8° 2	16°28	18°49	19°10	19°49	24°31	0°43	29°28	11° 6	n.a.	S 25
M26	0 6 0	1°37'47	18°47	9°21	26°40	8°49	16°30	18°49	19° 7	19°48	24°32	0°32	29°25	11°13	n.a.	M26
T 27	0 9 57	2°39'10	1♉16	10°22	27°55	9°36	16°31	18°50	19° 5	19°46	24°33	0°20	29°22	11°19	n.a.	T 27
W28	0 13 53	3°40'32	13°31	11°27	29°11	10°22	16°33	18°50	19° 2	19°44	24°34	0° 9	29°18	11°26	n.a.	W28
T 29	0 17 50	4°41'55	25°34	12°34	0♎26	11° 9	16°34	18°51	19° 0	19°43	24°35	29♑59	29°15	11°33	n.a.	T 29
F 30	0 21 46	5°43'18	7♊29	13°44	1°42	11°56	16°35	18°51	18°58	19°41	24°36	29°53	29°12	11°40	n.a.	F 30
S 31	0 25 43	6♎44'41	19♊19	14♍57	2♎57	12♏42	16♊36	18♑52	18♓55	19♈39	24♋37	29♑49	29♑ 9	11♊46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9n33	22n23	5n 0	3n10	1s29	14n49	1n23	8s43	1s 1	23n56	0n43	25s 0	2s21	4s40	0s44	6n37	1s41	38n28	16n50	20s18	20s34	26n21			n.a.
F 2	9 9	25 8	4 36	3 43	1 14	14 21	1 22	9 1	1 1	23 57	0 43	25 0	2 20	4 41	0 44	6 37	1 42	38 28	16 51	20 18	20 34	26 22			n.a.
S 3	8 46	26 46	4 1	4 22	0 56	13 54	1 21	9 20	1 2	23 58	0 43	25 0	2 20	4 42	0 44	6 36	1 42	38 28	16 51	20 18	20 35	26 22			n.a.
S 4	8 22	27 11	3 15	5 6	0 38	13 26	1 20	9 38	1 2	23 59	0 43	25 1	2 20	4 43	0 44	6 36	1 42	38 28	16 52	20 18	20 36	26 23			n.a.
M 5	7 59	26 20	2 20	5 54	0 18	12 57	1 19	9 57	1 3	23 59	0 44	25 1	2 20	4 44	0 44	6 35	1 42	38 28	16 52	20 18	20 36	26 23			n.a.
T 6	7 35	24 14	1 18	6 45	0n 3	12 29	1 18	10 15	1 3	24 0	0 44	25 1	2 20	4 45	0 44	6 35	1 42	38 28	16 52	20 17	20 37	26 24			n.a.
W 7	7 11	20 58	0 12	7 36	0 23	12 0	1 17	10 33	1 4	24 1	0 44	25 1	2 20	4 46	0 44	6 34	1 42	38 28	16 53	20 17	20 38	26 25			n.a.
T 8	6 47	16 39	0s57	8 27	0 43	11 30	1 16	10 51	1 4	24 2	0 44	25 1	2 19	4 47	0 44	6 34	1 42	38 28	16 53	20 17	20 39	26 25			n.a.
F 9	6 22	11 28	2 4	9 15	1 3	11 1	1 14	11 9	1 5	24 3	0 45	25 1	2 19	4 48	0 44	6 33	1 42	38 28	16 54	20 18	20 39	26 26			n.a.
S 10	5 58	5 39	3 6	10 0	1 21	10 31	1 13	11 27	1 5	24 4	0 45	25 1	2 19	4 49	0 44	6 33	1 42	38 28	16 54	20 19	20 40	26 26			n.a.
S 11	5 34	0s34	3 59	10 41	1 37	10 0	1 12	11 45	1 5	24 4	0 45	25 1	2 19	4 50	0 44	6 32	1 42	38 28	16 55	20 20	20 41	26 27			n.a.
M12	5 9	6 51	4 38	11 16	1 52	9 30	1 10	12 3	1 6	24 5	0 45	25 1	2 19	4 51	0 44	6 31	1 42	38 29	16 55	20 22	20 41	26 27			n.a.
T 13	4 44	12 53	5 2	11 46	2 4	8 59	1 9	12 20	1 6	24 6	0 46	25 1	2 19	4 52	0 44	6 31	1 42	38 29	16 56	20 24	20 42	26 28			n.a.
W14	4 20	18 17	5 7	12 9	2 15	8 28	1 7	12 38	1 6	24 7	0 46	25 1	2 18	4 53	0 44	6 30	1 42	38 29	16 56	20 25	20 43	26 28			n.a.
T 15	3 55	22 40	4 53	12 26	2 24	7 57	1 6	12 55	1 7	24 7	0 46	25 1	2 18	4 54	0 44	6 30	1 42	38 29	16 56	20 27	20 43	26 29			n.a.
F 16	3 30	25 41	4 20	12 38	2 31	7 26	1 4	13 12	1 7	24 8	0 46	25 1	2 18	4 55	0 44	6 29	1 42	38 29	16 57	20 28	20 44	26 29			n.a.
S 17	3 5	27 2	3 32	12 44	2 36	6 54	1 3	13 29	1 8	24 9	0 47	25 1	2 18	4 56	0 44	6 29	1 42	38 29	16 57	20 28	20 45	26 30			n.a.
S 18	2 40	26 38	2 32	12 44	2 40	6 22	1 1	13 46	1 8	24 9	0 47	25 1	2 18	4 57	0 44	6 28	1 42	38 29	16 58	20 28	20 46	26 30			n.a.
M19	2 15	24 33	1 23	12 41	2 42	5 50	0 59	14 3	1 8	24 10	0 47	25 1	2 18	4 58	0 44	6 27	1 42	38 30	16 58	20 28	20 46	26 30			n.a.
T 20	1 50	21 0	0 10	12 32	2 43	5 18	0 57	14 20	1 8	24 10	0 48	25 1	2 17	4 59	0 44	6 27	1 42	38 30	16 59	20 28	20 47	26 31			n.a.
W21	1 25	16 21	1n 3	12 20	2 43	4 46	0 56	14 36	1 9	24 11	0 48	25 1	2 17	5 0	0 44	6 26	1 42	38 30	16 59	20 28	20 48	26 31			n.a.
T 22	1 0	10 57	2 12	12 5	2 42	4 14	0 54	14 52	1 9	24 12	0 48	25 1	2 17	5 1	0 44	6 26	1 42	38 30	17 0	20 28	20 48	26 32			n.a.
F 23	0 35	5 6	3 12	11 46	2 39	3 42	0 52	15 9	1 9	24 12	0 48	25 1	2 17	5 2	0 44	6 25	1 42	38 30	17 0	20 30	20 49	26 32			n.a.
S 24	0 10	0n51	4 1	11 25	2 37	3 9	0 50	15 25	1 10	24 13	0 49	25 0	2 17	5 3	0 44	6 24	1 42	38 31	17 1	20 32	20 50	26 33			n.a.
S 25	0s15	6 40	4 36	11 1	2 33	2 36	0 48	15 41	1 10	24 13	0 49	25 0	2 16	5 4	0 44	6 24	1 42	38 31	17 2	20 34	20 50	26 33			n.a.
M26	0 40	12 6	4 57	10 35	2 29	2 4	0 46	15 57	1 10	24 14	0 49	25 0	2 16	5 5	0 44	6 23	1 42	38 31	17 2	20 36	20 51	26 33			n.a.
T 27	1 5	16 57	5 3	10 6	2 24	1 31	0 44	16 12	1 10	24 14	0 50	25 0	2 16	5 6	0 44	6 23	1 42	38 32	17 3	20 39	20 52	26 34			n.a.
W28	1 30	21 1	4 55	9 36	2 19	0 58	0 42	16 28	1 11	24 14	0 50	24 59	2 16	5 7	0 44	6 22	1 42	38 32	17 3	20 41	20 52	26 34			n.a.
T 29	1 55	24 7	4 34	9 5	2 14	0 26	0 40	16 43	1 11	24 15	0 50	24 59	2 16	5 8	0 44	6 21	1 42	38 32	17 4	20 43	20 53	26 35			n.a.
F 30	2 20	26 8	4 1	8 32	2 8	0s 7	0 38	16 58	1 11	24 15	0 50	24 59	2 15	5 9	0 44	6 21	1 42	38 32	17 4	20 45	20 54	26 35			n.a.
S 31	2s45	26n58	3n18	7n58	2n 2	0s40	0n36	17s13	1s11	24n16	0n51	24s59	2s15	5s10	0s44	6n20	1s42	38n33	17n 5	20s46	20s54	26n35			n.a.

Julian Day Number = 191298.5, Delta T = 32h27m29s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'30, Lahiri = -61°30'29 Julian Calendar 1 Oct. 4190 BCE == Greg. Calendar 29 Aug. 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

NOVEMBER 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 29 39	7♎46'03	1♋ 8	16♍11	4♎13	13♏29	16♊37	18♑53	18°R53	19°R38	24♋38	29°R47	29♑ 6	11♊53	n.a.	S 1
M 2	0 33 36	8°47'26	13° 2	17°27	5°28	14°16	16°37	18°54	18♓50	19♈36	24°40	29°D47	29° 3	12° 0	n.a.	M 2
T 3	0 37 33	9°48'48	25° 7	18°44	6°44	15° 3	16°38	18°55	18°48	19°34	24°40	29°R48	28°59	12° 6	n.a.	T 3
W 4	0 41 29	10°50'10	7♌28	20° 3	7°59	15°49	16°R38	18°56	18°46	19°33	24°41	29♑48	28°56	12°13	n.a.	W 4
T 5	0 45 26	11°51'32	20° 9	21°23	9°15	16°36	16°38	18°58	18°43	19°31	24°42	29°46	28°53	12°20	n.a.	T 5
F 6	0 49 22	12°52'53	3♍15	22°45	10°30	17°23	16°38	18°59	18°41	19°29	24°43	29°41	28°50	12°26	n.a.	F 6
S 7	0 53 19	13°54'14	16°47	24° 7	11°45	18° 9	16°37	19° 1	18°39	19°28	24°44	29°34	28°47	12°33	n.a.	S 7
S 8	0 57 16	14°55'35	0♎44	25°30	13° 1	18°56	16°37	19° 3	18°37	19°26	24°45	29°25	28°44	12°40	n.a.	S 8
M 9	1 1 12	15°56'55	15° 5	26°55	14°16	19°42	16°36	19° 4	18°34	19°24	24°46	29°13	28°40	12°46	n.a.	M 9
T 10	1 5 9	16°58'14	29°41	28°20	15°32	20°29	16°35	19° 6	18°32	19°23	24°46	29° 1	28°37	12°53	n.a.	T 10
W11	1 9 5	17°59'32	14♏27	29°46	16°47	21°16	16°33	19° 8	18°30	19°21	24°47	28°49	28°34	13° 0	n.a.	W11
T 12	1 13 2	19° 0'49	29°13	1♎12	18° 2	22° 2	16°32	19°10	18°28	19°19	24°48	28°40	28°31	13° 6	n.a.	T 12
F 13	1 16 58	20° 2'06	13♐51	2°39	19°18	22°49	16°30	19°13	18°26	19°18	24°48	28°33	28°28	13°13	n.a.	F 13
S 14	1 20 55	21° 3'21	28°17	4° 7	20°33	23°35	16°29	19°15	18°24	19°16	24°49	28°30	28°24	13°20	n.a.	S 14
S 15	1 24 52	22° 4'35	12♑27	5°36	21°48	24°22	16°27	19°18	18°22	19°14	24°49	28°28	28°21	13°27	n.a.	S 15
M16	1 28 48	23° 5'48	26°21	7° 5	23° 4	25° 8	16°24	19°20	18°20	19°12	24°50	28°28	28°18	13°33	n.a.	M16
T 17	1 32 45	24° 6'59	9♒59	8°35	24°19	25°55	16°22	19°23	18°18	19°11	24°50	28°28	28°15	13°40	n.a.	T 17
W18	1 36 41	25° 8'09	23°22	10° 5	25°34	26°41	16°20	19°26	18°16	19° 9	24°51	28°26	28°12	13°47	n.a.	W18
T 19	1 40 38	26° 9'17	6♓32	11°36	26°49	27°27	16°17	19°28	18°14	19° 7	24°51	28°22	28° 9	13°53	n.a.	T 19
F 20	1 44 34	27°10'25	19°30	13° 8	28° 4	28°14	16°14	19°31	18°12	19° 6	24°52	28°15	28° 5	14° 0	n.a.	F 20
S 21	1 48 31	28°11'30	2♈18	14°40	29°20	29° 0	16°11	19°35	18°10	19° 4	24°52	28° 4	28° 2	14° 7	n.a.	S 21
S 22	1 52 28	29°12'35	14°55	16°13	0♏35	29°46	16° 7	19°38	18° 9	19° 2	24°52	27°52	27°59	14°13	n.a.	S 22
M23	1 56 24	0♏13'38	27°22	17°46	1°50	0♐33	16° 4	19°41	18° 7	19° 1	24°53	27°37	27°56	14°20	n.a.	M23
T 24	2 0 21	1°14'40	9♉39	19°20	3° 5	1°19	16° 0	19°45	18° 5	18°59	24°53	27°23	27°53	14°27	n.a.	T 24
W25	2 4 17	2°15'41	21°47	20°55	4°20	2° 5	15°56	19°48	18° 4	18°57	24°53	27° 9	27°50	14°33	n.a.	W25
T 26	2 8 14	3°16'40	3♊46	22°30	5°35	2°51	15°52	19°52	18° 2	18°56	24°53	26°57	27°46	14°40	n.a.	T 26
F 27	2 12 10	4°17'38	15°38	24° 6	6°50	3°38	15°48	19°55	18° 0	18°54	24°53	26°48	27°43	14°47	n.a.	F 27
S 28	2 16 7	5°18'35	27°26	25°42	8° 5	4°24	15°44	19°59	17°59	18°52	24°53	26°42	27°40	14°53	n.a.	S 28
S 29	2 20 4	6°19'31	9♋14	27°20	9°20	5°10	15°39	20° 3	17°57	18°51	24°53	26°39	27°37	15° 0	n.a.	S 29
M30	2 24 0	7♏20'26	21♋ 7	28♎58	10♏35	5♐56	15♊35	20♑ 7	17♓56	18♈49	24°R53	26♑37	27♑34	15♊ 7	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s10	26n33	2n26	7n22	1n56	1s13	0n33	17s28	1s12	24n16	0n51	24s58	2s15	5s11	0s44	6n19	1s42	38n33	17n 5	20s46	20s55	26n36		n.a.
M 2	3 35	24 55	1 28	6 46	1 49	1 45	0 31	17 43	1 12	24 16	0 51	24 58	2 15	5 12	0 44	6 19	1 42	38 33	17 6	20 46	20 56	26 36		n.a.
T 3	4 0	22 7	0 25	6 9	1 43	2 18	0 29	17 57	1 12	24 17	0 52	24 58	2 15	5 13	0 44	6 18	1 42	38 34	17 7	20 46	20 56	26 36		n.a.
W 4	4 24	18 16	0s41	5 30	1 36	2 51	0 27	18 11	1 12	24 17	0 52	24 57	2 14	5 14	0 44	6 17	1 42	38 34	17 7	20 46	20 57	26 37		n.a.
T 5	4 49	13 31	1 46	4 52	1 29	3 23	0 25	18 25	1 12	24 17	0 52	24 57	2 14	5 15	0 44	6 17	1 42	38 35	17 8	20 47	20 58	26 37		n.a.
F 6	5 14	8 0	2 47	4 12	1 22	3 56	0 22	18 39	1 12	24 18	0 52	24 56	2 14	5 16	0 44	6 16	1 42	38 35	17 8	20 47	20 58	26 37		n.a.
S 7	5 38	1 59	3 42	3 32	1 15	4 28	0 20	18 53	1 13	24 18	0 53	24 56	2 14	5 17	0 43	6 15	1 42	38 35	17 9	20 49	20 59	26 38		n.a.
S 8	6 2	4s19	4 24	2 52	1 8	5 1	0 18	19 6	1 13	24 18	0 53	24 56	2 14	5 18	0 43	6 15	1 42	38 36	17 9	20 51	21 0	26 38		n.a.
M 9	6 27	10 33	4 52	2 11	1 0	5 33	0 15	19 20	1 13	24 18	0 53	24 55	2 13	5 18	0 43	6 14	1 42	38 36	17 10	20 54	21 0	26 38		n.a.
T 10	6 51	16 20	5 0	1 29	0 53	6 5	0 13	19 33	1 13	24 18	0 54	24 55	2 13	5 19	0 43	6 13	1 42	38 36	17 11	20 56	21 1	26 39		n.a.
W11	7 15	21 13	4 50	0 48	0 46	6 37	0 11	19 46	1 13	24 19	0 54	24 54	2 13	5 20	0 43	6 13	1 42	38 37	17 11	20 59	21 2	26 39		n.a.
T 12	7 39	24 46	4 19	0 6	0 39	7 8	0 8	19 58	1 13	24 19	0 54	24 54	2 13	5 21	0 43	6 12	1 42	38 37	17 12	21 1	21 2	26 39		n.a.
F 13	8 3	26 37	3 32	0s36	0 32	7 40	0 6	20 11	1 13	24 19	0 54	24 53	2 13	5 22	0 43	6 12	1 42	38 38	17 12	21 2	21 3	26 39		n.a.
S 14	8 26	26 39	2 32	1 19	0 24	8 11	0 4	20 23	1 13	24 19	0 55	24 53	2 13	5 23	0 43	6 11	1 42	38 38	17 13	21 3	21 4	26 40		n.a.
S 15	8 50	24 54	1 24	2 1	0 17	8 42	0 1	20 35	1 14	24 19	0 55	24 52	2 12	5 23	0 43	6 10	1 42	38 39	17 14	21 3	21 4	26 40		n.a.
M16	9 13	21 40	0 11	2 44	0 10	9 13	0s 1	20 47	1 14	24 19	0 55	24 51	2 12	5 24	0 43	6 10	1 42	38 39	17 14	21 3	21 5	26 40		n.a.
T 17	9 37	17 17	1n 0	3 27	0 3	9 44	0 3	20 58	1 14	24 19	0 56	24 51	2 12	5 25	0 43	6 9	1 42	38 40	17 15	21 3	21 6	26 40		n.a.
W18	10 0	12 7	2 7	4 9	0s 3	10 15	0 6	21 10	1 14	24 19	0 56	24 50	2 12	5 26	0 43	6 8	1 42	38 40	17 15	21 3	21 6	26 41		n.a.
T 19	10 23	6 30	3 6	4 52	0 10	10 45	0 8	21 21	1 14	24 19	0 56	24 50	2 12	5 26	0 43	6 8	1 42	38 41	17 16	21 4	21 7	26 41		n.a.
F 20	10 45	0 41	3 55	5 35	0 17	11 15	0 10	21 32	1 14	24 19	0 56	24 49	2 11	5 27	0 43	6 7	1 42	38 41	17 17	21 6	21 8	26 41		n.a.
S 21	11 8	5n 3	4 30	6 18	0 23	11 44	0 12	21 42	1 14	24 19	0 57	24 48	2 11	5 28	0 43	6 6	1 42	38 42	17 17	21 8	21 8	26 41		n.a.
S 22	11 30	10 30	4 52	7 1	0 30	12 14	0 15	21 53	1 14	24 19	0 57	24 48	2 11	5 28	0 43	6 6	1 42	38 42	17 18	21 11	21 9	26 41		n.a.
M23	11 52	15 27	4 59	7 43	0 36	12 43	0 17	22 3	1 14	24 19	0 57	24 47	2 11	5 29	0 43	6 5	1 42	38 43	17 18	21 14	21 10	26 42		n.a.
T 24	12 14	19 43	4 53	8 26	0 42	13 11	0 19	22 13	1 14	24 19	0 58	24 46	2 11	5 30	0 43	6 5	1 42	38 43	17 19	21 16	21 10	26 42		n.a.
W25	12 36	23 6	4 33	9 8	0 48	13 40	0 22	22 22	1 14	24 19	0 58	24 46	2 10	5 30	0 43	6 4	1 42	38 44	17 19	21 19	21 11	26 42		n.a.
T 26	12 57	25 26	4 1	9 50	0 54	14 8	0 24	22 32	1 14	24 18	0 58	24 45	2 10	5 31	0 43	6 3	1 42	38 44	17 20	21 22	21 12	26 42		n.a.
F 27	13 19	26 36	3 19	10 32	1 0	14 35	0 26	22 41	1 14	24 18	0 58	24 44	2 10	5 32	0 43	6 3	1 42	38 45	17 21	21 23	21 12	26 42		n.a.
S 28	13 40	26 33	2 28	11 13	1 5	15 3	0 28	22 50	1 14	24 18	0 59	24 43	2 10	5 32	0 43	6 2	1 42	38 45	17 21	21 25	21 13	26 43		n.a.
S 29	14 0	25 18	1 31	11 54	1 10	15 29	0 30	22 59	1 14	24 18	0 59	24 43	2 10	5 33	0 43	6 1	1 42	38 46	17 22	21 25	21 14	26 43		n.a.
M30	14s21	22n53	0n29	12s35	1s16	15s56	0s33	23s 7	1s14	24n18	0n59	24s42	2s10	5s33	0s43	6n 1	1s42	38n47	17n22	21s25	21s14	26n43		n.a.

Julian Day Number = 191329.5, Delta T = 32h27m26s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'25, Lahiri = -61°30'25 Julian Calendar 1 Nov. 4190 BCE == Greg. Calendar 29 Sept. 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4190 BCE
geocentric

DECEMBER 4190 BCE (-4189) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 27 57	8♏21'19	3♌ 9	0♏36	11♏50	6♐42	15°R30	20♑11	17°R55	18°R48	24°R53	26°R37	27♑30	15♊13	n.a.	T 1
W 2	2 31 53	9°22'11	15°26	2°15	13° 5	7°28	15♊25	20°15	17♓53	18♈46	24♋53	26♑37	27°27	15°20	n.a.	W 2
T 3	2 35 50	10°23'01	28° 3	3°56	14°20	8°14	15°20	20°20	17°52	18°44	24°53	26°36	27°24	15°27	n.a.	T 3
F 4	2 39 46	11°23'51	11♍ 5	5°36	15°35	9° 0	15°14	20°24	17°51	18°43	24°53	26°33	27°21	15°34	n.a.	F 4
S 5	2 43 43	12°24'39	24°36	7°18	16°50	9°46	15° 9	20°28	17°49	18°41	24°53	26°27	27°18	15°40	n.a.	S 5
S 6	2 47 40	13°25'25	8♎37	9° 0	18° 5	10°32	15° 3	20°33	17°48	18°40	24°53	26°18	27°15	15°47	n.a.	S 6
M 7	2 51 36	14°26'10	23° 6	10°43	19°20	11°18	14°57	20°38	17°47	18°38	24°53	26° 8	27°11	15°54	n.a.	M 7
T 8	2 55 33	15°26'53	7♏56	12°27	20°35	12° 4	14°51	20°42	17°46	18°37	24°52	25°57	27° 8	16° 0	n.a.	T 8
W 9	2 59 29	16°27'35	23° 1	14°12	21°50	12°49	14°45	20°47	17°45	18°35	24°52	25°46	27° 5	16° 7	n.a.	W 9
T 10	3 3 26	17°28'15	8♐10	15°58	23° 4	13°35	14°39	20°52	17°44	18°34	24°52	25°37	27° 2	16°14	n.a.	T 10
F 11	3 7 22	18°28'53	23°12	17°44	24°19	14°21	14°33	20°57	17°43	18°33	24°51	25°31	26°59	16°20	n.a.	F 11
S 12	3 11 19	19°29'30	8♑ 0	19°31	25°34	15° 7	14°27	21° 2	17°42	18°31	24°51	25°27	26°55	16°27	n.a.	S 12
S 13	3 15 16	20°30'04	22°27	21°19	26°49	15°52	14°20	21° 7	17°42	18°30	24°50	25°D26	26°52	16°34	n.a.	S 13
M14	3 19 12	21°30'35	6♒31	23° 8	28° 4	16°38	14°13	21°13	17°41	18°28	24°50	25°26	26°49	16°40	n.a.	M14
T 15	3 23 9	22°31'05	20°12	24°57	29°18	17°23	14° 7	21°18	17°40	18°27	24°49	25°R27	26°46	16°47	n.a.	T 15
W16	3 27 5	23°31'32	3♓32	26°48	0♐33	18° 9	14° 0	21°23	17°39	18°26	24°49	25°26	26°43	16°54	n.a.	W16
T 17	3 31 2	24°31'57	16°34	28°39	1°48	18°55	13°53	21°29	17°39	18°24	24°48	25°24	26°40	17° 0	n.a.	T 17
F 18	3 34 58	25°32'20	29°19	0♐30	3° 2	19°40	13°46	21°34	17°38	18°23	24°48	25°19	26°36	17° 7	n.a.	F 18
S 19	3 38 55	26°32'40	11♈52	2°22	4°17	20°25	13°39	21°40	17°38	18°22	24°47	25°12	26°33	17°14	n.a.	S 19
S 20	3 42 52	27°32'59	24°13	4°14	5°32	21°11	13°31	21°46	17°37	18°20	24°46	25° 2	26°30	17°20	n.a.	S 20
M21	3 46 48	28°33'15	6♉26	6° 7	6°46	21°56	13°24	21°51	17°37	18°19	24°46	24°51	26°27	17°27	n.a.	M21
T 22	3 50 45	29°33'29	18°30	7°59	8° 1	22°41	13°17	21°57	17°37	18°18	24°45	24°40	26°24	17°34	n.a.	T 22
W23	3 54 41	0♐33'41	0♊29	9°52	9°16	23°27	13° 9	22° 3	17°36	18°17	24°44	24°30	26°21	17°40	n.a.	W23
T 24	3 58 38	1°33'51	12°22	11°44	10°30	24°12	13° 2	22° 9	17°36	18°16	24°43	24°21	26°17	17°47	n.a.	T 24
F 25	4 2 34	2°33'59	24°12	13°36	11°45	24°57	12°54	22°15	17°36	18°15	24°43	24°14	26°14	17°54	n.a.	F 25
S 26	4 6 31	3°34'05	6♋ 0	15°27	12°59	25°42	12°46	22°21	17°36	18°14	24°42	24°10	26°11	18° 0	n.a.	S 26
S 27	4 10 27	4°34'09	17°49	17°16	14°14	26°27	12°39	22°27	17°36	18°12	24°41	24° 8	26° 8	18° 7	n.a.	S 27
M28	4 14 24	5°34'11	29°44	19° 4	15°28	27°12	12°31	22°34	17°D36	18°11	24°40	24°D 8	26° 5	18°14	n.a.	M28
T 29	4 18 21	6°34'11	11♌47	20°50	16°43	27°57	12°23	22°40	17°36	18°10	24°39	24° 9	26° 1	18°20	n.a.	T 29
W30	4 22 17	7°34'09	24° 3	22°34	17°57	28°42	12°16	22°46	17°36	18° 9	24°38	24°10	25°58	18°27	n.a.	W30
T 31	4 26 14	8♐34'05	6♍37	24♐14	19♐12	29♐27	12♊ 8	22♑53	17♓36	18♈ 8	24♋37	24°R11	25♑55	18♊34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	14s41	19n27	0s35	13s15	1s20	16s22	0s35	23s15	1s14	24n17	0n59	24s41	2s 9	5s34	0s43	6n 0	1s42	38n47	17n23	21s25	21s15	26n43			n.a.
W 2	15 1	15 6	1 38	13 55	1 25	16 48	0 37	23 23	1 14	24 17	1 0	24 40	2 9	5 34	0 43	6 0	1 42	38 48	17 24	21 25	21 16	26 43			n.a.
T 3	15 21	10 1	2 38	14 35	1 29	17 13	0 39	23 31	1 14	24 17	1 0	24 39	2 9	5 35	0 43	5 59	1 42	38 48	17 24	21 26	21 16	26 43			n.a.
F 4	15 40	4 21	3 33	15 13	1 33	17 37	0 41	23 38	1 14	24 16	1 0	24 38	2 9	5 35	0 43	5 59	1 42	38 49	17 25	21 26	21 17	26 43			n.a.
S 5	16 0	1s43	4 17	15 51	1 37	18 2	0 43	23 46	1 14	24 16	1 1	24 38	2 9	5 36	0 43	5 58	1 41	38 50	17 25	21 28	21 17	26 43			n.a.
S 6	16 19	7 54	4 48	16 29	1 40	18 25	0 45	23 52	1 14	24 16	1 1	24 37	2 9	5 36	0 43	5 57	1 41	38 50	17 26	21 29	21 18	26 43			n.a.
M 7	16 37	13 52	5 1	17 6	1 44	18 48	0 47	23 59	1 14	24 15	1 1	24 36	2 8	5 36	0 43	5 57	1 41	38 51	17 27	21 31	21 19	26 44			n.a.
T 8	16 56	19 11	4 55	17 42	1 46	19 11	0 49	24 5	1 14	24 15	1 1	24 35	2 8	5 37	0 42	5 56	1 41	38 51	17 27	21 33	21 19	26 44			n.a.
W 9	17 14	23 22	4 29	18 17	1 49	19 33	0 51	24 12	1 14	24 14	1 2	24 34	2 8	5 37	0 42	5 56	1 41	38 52	17 28	21 35	21 20	26 44			n.a.
T 10	17 31	25 58	3 43	18 51	1 51	19 55	0 53	24 17	1 13	24 14	1 2	24 33	2 8	5 38	0 42	5 55	1 41	38 53	17 28	21 37	21 21	26 44			n.a.
F 11	17 49	26 38	2 42	19 24	1 52	20 16	0 55	24 23	1 13	24 13	1 2	24 32	2 8	5 38	0 42	5 55	1 41	38 53	17 29	21 38	21 21	26 44			n.a.
S 12	18 6	25 23	1 31	19 55	1 54	20 36	0 56	24 28	1 13	24 13	1 2	24 31	2 8	5 38	0 42	5 54	1 41	38 54	17 29	21 39	21 22	26 44			n.a.
S 13	18 23	22 27	0 16	20 26	1 54	20 56	0 58	24 33	1 13	24 12	1 3	24 30	2 8	5 39	0 42	5 54	1 41	38 55	17 30	21 39	21 23	26 44			n.a.
M14	18 39	18 13	0n59	20 55	1 55	21 16	1 0	24 38	1 13	24 12	1 3	24 29	2 7	5 39	0 42	5 53	1 41	38 55	17 31	21 39	21 23	26 44			n.a.
T 15	18 55	13 8	2 8	21 23	1 54	21 34	1 2	24 43	1 13	24 11	1 3	24 28	2 7	5 39	0 42	5 53	1 41	38 56	17 31	21 39	21 24	26 44			n.a.
W16	19 11	7 34	3 9	21 50	1 54	21 52	1 3	24 47	1 13	24 10	1 3	24 27	2 7	5 39	0 42	5 52	1 41	38 56	17 32	21 39	21 24	26 44			n.a.
T 17	19 26	1 49	3 58	22 15	1 52	22 10	1 5	24 51	1 13	24 10	1 3	24 26	2 7	5 39	0 42	5 52	1 41	38 57	17 32	21 40	21 25	26 44			n.a.
F 18	19 41	3n53	4 34	22 38	1 51	22 27	1 6	24 54	1 12	24 9	1 4	24 25	2 7	5 40	0 42	5 51	1 41	38 58	17 33	21 41	21 26	26 44			n.a.
S 19	19 56	9 20	4 56	22 59	1 48	22 43	1 8	24 58	1 12	24 8	1 4	24 24	2 7	5 40	0 42	5 51	1 41	38 58	17 33	21 42	21 26	26 44			n.a.
S 20	20 10	14 20	5 4	23 19	1 45	22 58	1 9	25 1	1 12	24 8	1 4	24 23	2 7	5 40	0 42	5 50	1 41	38 59	17 34	21 44	21 27	26 44			n.a.
M21	20 24	18 43	4 58	23 36	1 41	23 13	1 11	25 4	1 12	24 7	1 4	24 22	2 6	5 40	0 42	5 50	1 41	39 0	17 34	21 46	21 28	26 44			n.a.
T 22	20 37	22 16	4 39	23 51	1 37	23 27	1 12	25 6	1 12	24 6	1 4	24 21	2 6	5 40	0 42	5 50	1 41	39 0	17 35	21 48	21 28	26 44			n.a.
W23	20 51	24 51	4 7	24 4	1 32	23 40	1 13	25 9	1 12	24 5	1 5	24 20	2 6	5 40	0 42	5 49	1 41	39 1	17 35	21 50	21 29	26 44			n.a.
T 24	21 3	26 18	3 25	24 15	1 26	23 53	1 15	25 11	1 12	24 5	1 5	24 19	2 6	5 40	0 42	5 49	1 41	39 2	17 36	21 51	21 29	26 44			n.a.
F 25	21 16	26 33	2 34	24 23	1 19	24 5	1 16	25 12	1 11	24 4	1 5	24 17	2 6	5 40	0 42	5 48	1 41	39 2	17 36	21 53	21 30	26 44			n.a.
S 26	21 28	25 35	1 36	24 29	1 12	24 16	1 17	25 14	1 11	24 3	1 5	24 16	2 6	5 40	0 42	5 48	1 41	39 3	17 37	21 53	21 31	26 44			n.a.
S 27	21 39	23 27	0 34	24 32	1 3	24 27	1 18	25 15	1 11	24 2	1 5	24 15	2 6	5 40	0 42	5 48	1 41	39 4	17 37	21 54	21 31	26 44			n.a.
M28	21 50	20 17	0s30	24 33	0 54	24 37	1 19	25 16	1 11	24 1	1 6	24 14	2 6	5 40	0 42	5 47	1 40	39 4	17 38	21 54	21 32	26 44			n.a.
T 29	22 1	16 14	1 34	24 32	0 45	24 46	1 20	25 17	1 11	24 0	1 6	24 13	2 5	5 40	0 42	5 47	1 40	39 5	17 38	21 53	21 32	26 44			n.a.
W30	22 11	11 27	2 35	24 28	0 34	24 54	1 21	25 17	1 10	23 59	1 6	24 11	2 5	5 40	0 42	5 47	1 40	39 6	17 39	21 53	21 33	26 44			n.a.
T 31	22s21	6n 6	3s29	24s22	0s23	25s 1	1s22	25s17	1s10	23n59	1n 6	24s10	2s 5	5s40	0s41	5n46	1s40	39n 6	17n39	21s53	21s34	26n43			n.a.

Julian Day Number = 191359.5, Delta T = 32h27m23s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'21, Lahiri = -61°30'21 Julian Calendar 1 Dec. 4190 BCE == Greg. Calendar 29 Oct. 4190 BCE

The year -4189 astronomical counting style corresponds to year 4190 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

JANUARY 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 30 10	9♐33'58	19♍35	25♐51	20♐26	0♑12	12°R 0	22♑59	17♓36	18°R 7	24°R36	24°R11	25♑52	18♊41	n.a.	F 1
S 2	4 34 7	10°33'51	2♎58	27°24	21°40	0°57	11♊52	23° 6	17°36	18♈ 7	24♋35	24♑ 8	25°49	18°47	n.a.	S 2
S 3	4 38 3	11°33'41	16°51	28°52	22°55	1°41	11°44	23°12	17°37	18° 6	24°34	24° 4	25°46	18°54	n.a.	S 3
M 4	4 42 0	12°33'29	1♏12	0♑15	24° 9	2°26	11°36	23°19	17°37	18° 5	24°33	23°59	25°42	19° 1	n.a.	M 4
T 5	4 45 56	13°33'15	15°59	1°33	25°24	3°11	11°29	23°26	17°37	18° 4	24°32	23°53	25°39	19° 7	n.a.	T 5
W 6	4 49 53	14°33'00	1♐ 5	2°44	26°38	3°55	11°21	23°32	17°38	18° 3	24°31	23°46	25°36	19°14	n.a.	W 6
T 7	4 53 49	15°32'42	16°21	3°48	27°52	4°40	11°13	23°39	17°38	18° 2	24°29	23°41	25°33	19°21	n.a.	T 7
F 8	4 57 46	16°32'22	1♑35	4°45	29° 7	5°25	11° 5	23°46	17°39	18° 2	24°28	23°38	25°30	19°27	n.a.	F 8
S 9	5 1 43	17°31'59	16°38	5°35	0♑21	6° 9	10°57	23°53	17°39	18° 1	24°27	23°D36	25°27	19°34	n.a.	S 9
S 10	5 5 39	18°31'35	1♒22	6°17	1°35	6°54	10°50	24° 0	17°40	18° 0	24°26	23°36	25°23	19°41	n.a.	S 10
M11	5 9 36	19°31'07	15°42	6°50	2°49	7°38	10°42	24° 7	17°41	18° 0	24°24	23°37	25°20	19°47	n.a.	M11
T 12	5 13 32	20°30'37	29°36	7°16	4° 4	8°22	10°34	24°14	17°42	17°59	24°23	23°39	25°17	19°54	n.a.	T 12
W13	5 17 29	21°30'04	13♓ 3	7°32	5°18	9° 7	10°27	24°21	17°42	17°58	24°22	23°40	25°14	20° 1	n.a.	W13
T 14	5 21 25	22°29'29	26° 7	7°41	6°32	9°51	10°19	24°28	17°43	17°58	24°20	23°R40	25°11	20° 7	n.a.	T 14
F 15	5 25 22	23°28'51	8♈50	7°R41	7°46	10°35	10°12	24°36	17°44	17°57	24°19	23°39	25° 7	20°14	n.a.	F 15
S 16	5 29 18	24°28'10	21°17	7°33	9° 0	11°19	10° 4	24°43	17°45	17°57	24°18	23°37	25° 4	20°21	n.a.	S 16
S 17	5 33 15	25°27'27	3♉30	7°17	10°14	12° 3	9°57	24°50	17°46	17°56	24°16	23°33	25° 1	20°27	n.a.	S 17
M18	5 37 11	26°26'42	15°33	6°54	11°28	12°47	9°49	24°57	17°47	17°56	24°15	23°29	24°58	20°34	n.a.	M18
T 19	5 41 8	27°25'54	27°29	6°24	12°42	13°31	9°42	25° 5	17°48	17°56	24°14	23°24	24°55	20°41	n.a.	T 19
W20	5 45 5	28°25'04	9♊21	5°49	13°56	14°15	9°35	25°12	17°50	17°55	24°12	23°20	24°52	20°47	n.a.	W20
T 21	5 49 1	29°24'11	21°10	5° 8	15°10	14°59	9°28	25°19	17°51	17°55	24°11	23°16	24°48	20°54	n.a.	T 21
F 22	5 52 58	0♑23'16	2♋59	4°23	16°24	15°43	9°21	25°27	17°52	17°55	24° 9	23°13	24°45	21° 1	n.a.	F 22
S 23	5 56 54	1°22'19	14°51	3°34	17°38	16°27	9°14	25°34	17°53	17°54	24° 8	23°12	24°42	21° 7	n.a.	S 23
S 24	6 0 51	2°21'19	26°46	2°44	18°52	17°11	9° 8	25°42	17°55	17°54	24° 6	23°D12	24°39	21°14	n.a.	S 24
M25	6 4 47	3°20'18	8♌47	1°52	20° 6	17°55	9° 1	25°49	17°56	17°54	24° 5	23°13	24°36	21°21	n.a.	M25
T 26	6 8 44	4°19'14	20°57	1° 0	21°20	18°38	8°54	25°57	17°58	17°54	24° 3	23°14	24°33	21°27	n.a.	T 26
W27	6 12 40	5°18'08	3♍20	0°10	22°34	19°22	8°48	26° 5	17°59	17°54	24° 1	23°15	24°29	21°34	n.a.	W27
T 28	6 16 37	6°17'00	15°58	29♐21	23°47	20° 5	8°42	26°12	18° 1	17°54	24° 0	23°17	24°26	21°41	n.a.	T 28
F 29	6 20 33	7°15'50	28°56	28°35	25° 1	20°49	8°36	26°20	18° 2	17°54	23°58	23°17	24°23	21°47	n.a.	F 29
S 30	6 24 30	8°14'38	12♎15	27°52	26°15	21°32	8°30	26°28	18° 4	17°D54	23°57	23°R18	24°20	21°54	n.a.	S 30
S 31	6 28 26	9♑13'24	25♎58	27♐14	27♑29	22♑16	8♊24	26♑35	18♓ 6	17♈54	23♋55	23♑17	24♑17	22♊ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s31	0n21	4s15	24s14	0s11	25s 8	1s23	25s17	1s10	23n58	1n 6	24s 9	2s 5	5s40	0s41	5n46	1s40	39n 7	17n40	21s53	21s34	26n43		n.a.
S 2	22 40	5s37	4 49	24 3	0n 2	25 14	1 23	25 16	1 10	23 57	1 6	24 8	2 5	5 40	0 41	5 46	1 40	39 8	17 40	21 54	21 35	26 43		n.a.
S 3	22 48	11 30	5 7	23 51	0 16	25 19	1 24	25 16	1 9	23 56	1 7	24 7	2 5	5 40	0 41	5 45	1 40	39 8	17 40	21 54	21 36	26 43		n.a.
M 4	22 56	17 0	5 7	23 37	0 30	25 24	1 25	25 15	1 9	23 55	1 7	24 5	2 5	5 40	0 41	5 45	1 40	39 9	17 41	21 55	21 36	26 43		n.a.
T 5	23 4	21 39	4 47	23 22	0 44	25 27	1 25	25 14	1 9	23 54	1 7	24 4	2 5	5 39	0 41	5 45	1 40	39 10	17 41	21 56	21 37	26 43		n.a.
W 6	23 11	24 59	4 7	23 6	0 59	25 30	1 26	25 12	1 9	23 53	1 7	24 3	2 5	5 39	0 41	5 44	1 40	39 10	17 42	21 57	21 37	26 43		n.a.
T 7	23 18	26 31	3 9	22 50	1 14	25 32	1 26	25 10	1 8	23 52	1 7	24 1	2 5	5 39	0 41	5 44	1 40	39 11	17 42	21 58	21 38	26 43		n.a.
F 8	23 25	26 4	1 57	22 32	1 29	25 33	1 27	25 8	1 8	23 51	1 7	24 0	2 5	5 39	0 41	5 44	1 40	39 11	17 43	21 59	21 39	26 42		n.a.
S 9	23 31	23 40	0 38	22 15	1 45	25 34	1 27	25 6	1 8	23 50	1 7	23 59	2 4	5 38	0 41	5 44	1 40	39 12	17 43	21 59	21 39	26 42		n.a.
S 10	23 36	19 44	0n42	21 58	2 0	25 33	1 27	25 3	1 8	23 49	1 7	23 57	2 4	5 38	0 41	5 44	1 40	39 13	17 43	21 59	21 40	26 42		n.a.
M11	23 41	14 43	1 58	21 41	2 15	25 32	1 27	25 1	1 7	23 48	1 8	23 56	2 4	5 38	0 41	5 43	1 40	39 13	17 44	21 59	21 40	26 42		n.a.
T 12	23 46	9 4	3 4	21 25	2 30	25 30	1 27	24 58	1 7	23 47	1 8	23 55	2 4	5 37	0 41	5 43	1 40	39 14	17 44	21 59	21 41	26 42		n.a.
W13	23 50	3 12	3 58	21 10	2 44	25 28	1 27	24 54	1 7	23 46	1 8	23 53	2 4	5 37	0 41	5 43	1 40	39 15	17 44	21 59	21 42	26 42		n.a.
T 14	23 54	2n38	4 38	20 56	2 58	25 24	1 27	24 51	1 6	23 45	1 8	23 52	2 4	5 37	0 41	5 43	1 39	39 15	17 45	21 59	21 42	26 41		n.a.
F 15	23 57	8 13	5 3	20 43	3 10	25 20	1 27	24 47	1 6	23 44	1 8	23 51	2 4	5 36	0 41	5 43	1 39	39 16	17 45	21 59	21 43	26 41		n.a.
S 16	24 0	13 20	5 13	20 32	3 22	25 15	1 27	24 43	1 6	23 43	1 8	23 49	2 4	5 36	0 41	5 43	1 39	39 16	17 45	21 59	21 43	26 41		n.a.
S 17	24 2	17 50	5 8	20 23	3 32	25 9	1 27	24 38	1 6	23 42	1 8	23 48	2 4	5 35	0 41	5 42	1 39	39 17	17 46	22 0	21 44	26 41		n.a.
M18	24 4	21 34	4 50	20 15	3 41	25 3	1 27	24 34	1 5	23 40	1 8	23 46	2 4	5 35	0 41	5 42	1 39	39 18	17 46	22 1	21 44	26 40		n.a.
T 19	24 5	24 22	4 20	20 9	3 49	24 55	1 26	24 29	1 5	23 39	1 8	23 45	2 4	5 34	0 41	5 42	1 39	39 18	17 46	22 1	21 45	26 40		n.a.
W20	24 6	26 4	3 38	20 5	3 55	24 47	1 26	24 24	1 5	23 38	1 8	23 43	2 4	5 34	0 41	5 42	1 39	39 19	17 47	22 2	21 46	26 40		n.a.
T 21	24 7	26 36	2 47	20 2	3 59	24 38	1 25	24 19	1 4	23 37	1 8	23 42	2 4	5 33	0 41	5 42	1 39	39 19	17 47	22 3	21 46	26 40		n.a.
F 22	24 7	25 54	1 49	20 1	4 1	24 29	1 25	24 13	1 4	23 36	1 8	23 40	2 4	5 33	0 41	5 42	1 39	39 20	17 47	22 3	21 47	26 40		n.a.
S 23	24 6	24 1	0 46	20 2	4 2	24 19	1 24	24 7	1 4	23 35	1 8	23 39	2 4	5 32	0 41	5 42	1 39	39 21	17 47	22 4	21 47	26 39		n.a.
S 24	24 6	21 5	0s20	20 5	4 0	24 7	1 24	24 1	1 3	23 34	1 8	23 38	2 4	5 32	0 40	5 42	1 39	39 21	17 48	22 4	21 48	26 39		n.a.
M25	24 4	17 12	1 25	20 9	3 57	23 56	1 23	23 55	1 3	23 33	1 9	23 36	2 4	5 31	0 40	5 42	1 39	39 22	17 48	22 3	21 49	26 39		n.a.
T 26	24 2	12 36	2 27	20 15	3 52	23 43	1 22	23 49	1 3	23 32	1 9	23 35	2 4	5 30	0 40	5 42	1 39	39 22	17 48	22 3	21 49	26 38		n.a.
W27	24 0	7 24	3 24	20 21	3 46	23 30	1 21	23 42	1 2	23 31	1 9	23 33	2 3	5 30	0 40	5 42	1 39	39 23	17 48	22 3	21 50	26 38		n.a.
T 28	23 58	1 50	4 12	20 30	3 37	23 16	1 20	23 35	1 2	23 30	1 9	23 31	2 3	5 29	0 40	5 42	1 39	39 23	17 49	22 3	21 50	26 38		n.a.
F 29	23 54	3s57	4 49	20 39	3 28	23 2	1 19	23 28	1 2	23 29	1 9	23 30	2 3	5 28	0 40	5 42	1 39	39 24	17 49	22 3	21 51	26 38		n.a.
S 30	23 51	9 43	5 11	20 49	3 17	22 47	1 18	23 21	1 1	23 28	1 9	23 28	2 3	5 28	0 40	5 42	1 38	39 24	17 49	22 3	21 51	26 37		n.a.
S 31	23s47	15s11	5s16	21s 0	3n 5	22s31	1s17	23s13	1s 1	23n27	1n 9	23s27	2s 3	5s27	0s40	5n42	1s38	39n25	17n49	22s 3	21s52	26n37		n.a.

Julian Day Number = 191390.5, Delta T = 32h27m19s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'17, Lahiri = -61°30'17 Julian Calendar 1 Jan. 4189 BCE == Greg. Calendar 29 Nov. 4190 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

FEBRUARY 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 32 23	10♉12'08	10♏ 7	26°R40	28♉42	22♉59	8°R18	26♉43	18♓ 7	17♈54	23°R54	23°R16	24♉13	22♊ 7	n.a.	M 1
T 2	6 36 19	11°10'51	24°39	26♐11	29°56	23°43	8♊12	26°51	18° 9	17°54	23♋52	23♉15	24°10	22°14	n.a.	T 2
W 3	6 40 16	12° 9'31	9♐30	25°47	1♒10	24°26	8° 7	26°59	18°11	17°54	23°50	23°13	24° 7	22°21	n.a.	W 3
T 4	6 44 13	13° 8'10	24°34	25°29	2°23	25° 9	8° 1	27° 6	18°13	17°54	23°49	23°12	24° 4	22°27	n.a.	T 4
F 5	6 48 9	14° 6'46	9♉42	25°16	3°37	25°52	7°56	27°14	18°15	17°54	23°47	23°11	24° 1	22°34	n.a.	F 5
S 6	6 52 6	15° 5'20	24°45	25° 8	4°51	26°35	7°51	27°22	18°17	17°54	23°45	23°D11	23°58	22°41	n.a.	S 6
S 7	6 56 2	16° 3'52	9♒34	25°D 6	6° 4	27°19	7°46	27°30	18°19	17°55	23°44	23°11	23°54	22°47	n.a.	S 7
M 8	6 59 59	17° 2'22	24° 3	25° 9	7°18	28° 2	7°42	27°38	18°21	17°55	23°42	23°12	23°51	22°54	n.a.	M 8
T 9	7 3 55	18° 0'49	8♓ 7	25°17	8°31	28°45	7°37	27°46	18°23	17°55	23°40	23°12	23°48	23° 1	n.a.	T 9
W10	7 7 52	18°59'14	21°44	25°31	9°45	29°28	7°33	27°54	18°25	17°56	23°39	23°13	23°45	23° 7	n.a.	W10
T 11	7 11 48	19°57'36	4♈56	25°49	10°58	0♒10	7°28	28° 1	18°27	17°56	23°37	23°13	23°42	23°14	n.a.	T 11
F 12	7 15 45	20°55'56	17°43	26°12	12°11	0°53	7°24	28° 9	18°30	17°56	23°35	23°R13	23°39	23°21	n.a.	F 12
S 13	7 19 41	21°54'14	0♉11	26°39	13°25	1°36	7°20	28°17	18°32	17°57	23°34	23°13	23°35	23°27	n.a.	S 13
S 14	7 23 38	22°52'30	12°22	27°10	14°38	2°19	7°17	28°25	18°34	17°57	23°32	23°D13	23°32	23°34	n.a.	S 14
M15	7 27 34	23°50'43	24°22	27°46	15°51	3° 2	7°13	28°33	18°36	17°58	23°30	23°13	23°29	23°41	n.a.	M15
T 16	7 31 31	24°48'54	6♊15	28°25	17° 4	3°44	7°10	28°41	18°39	17°58	23°29	23°13	23°26	23°47	n.a.	T 16
W17	7 35 27	25°47'03	18° 4	29° 9	18°18	4°27	7° 7	28°49	18°41	17°59	23°27	23°14	23°23	23°54	n.a.	W17
T 18	7 39 24	26°45'10	29°52	29°55	19°31	5° 9	7° 4	28°57	18°44	17°59	23°25	23°14	23°19	24° 1	n.a.	T 18
F 19	7 43 21	27°43'14	11♋44	0♉46	20°44	5°52	7° 1	29° 5	18°46	18° 0	23°24	23°14	23°16	24° 7	n.a.	F 19
S 20	7 47 17	28°41'17	23°41	1°39	21°57	6°34	6°58	29°13	18°49	18° 1	23°22	23°R14	23°13	24°14	n.a.	S 20
S 21	7 51 14	29°39'17	5♌45	2°36	23°10	7°17	6°55	29°21	18°51	18° 2	23°20	23°14	23°10	24°21	n.a.	S 21
M22	7 55 10	0♒37'16	17°59	3°35	24°23	7°59	6°53	29°29	18°54	18° 2	23°19	23°14	23° 7	24°27	n.a.	M22
T 23	7 59 7	1°35'13	0♍23	4°37	25°36	8°41	6°51	29°37	18°56	18° 3	23°17	23°13	23° 4	24°34	n.a.	T 23
W24	8 3 3	2°33'08	13° 1	5°42	26°49	9°24	6°49	29°45	18°59	18° 4	23°15	23°12	23° 0	24°41	n.a.	W24
T 25	8 7 0	3°31'02	25°52	6°50	28° 2	10° 6	6°47	29°53	19° 2	18° 5	23°14	23°10	22°57	24°47	n.a.	T 25
F 26	8 10 56	4°28'54	8♎58	8° 1	29°15	10°48	6°46	0♒ 0	19° 4	18° 5	23°12	23° 9	22°54	24°54	n.a.	F 26
S 27	8 14 53	5°26'44	22°22	9°13	0♓27	11°30	6°44	0° 8	19° 7	18° 6	23°10	23° 8	22°51	25° 1	n.a.	S 27
S 28	8 18 49	6°24'33	6♏ 3	10°29	1°40	12°12	6°43	0°16	19°10	18° 7	23° 9	23°D 8	22°48	25° 7	n.a.	S 28
M29	8 22 46	7♒22'20	20♏ 1	11♉46	2♓53	12♒54	6♊42	0♒24	19♓13	18♈ 8	23♋ 7	23♉ 8	22♉45	25♊14	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s43	20s 2	5s 3	21s12	2n53	22s14	1s16	23s 5	1s 1	23n26	1n 9	23s25	2s 3	5s26	0s40	5n42	1s38	39n25	17n49	22s 3	21s53	26n37		n.a.
T 2	23 38	23 50	4 30	21 24	2 39	21 57	1 15	22 57	1 0	23 26	1 9	23 24	2 3	5 25	0 40	5 42	1 38	39 26	17 50	22 3	21 53	26 36		n.a.
W 3	23 32	26 7	3 39	21 37	2 26	21 39	1 13	22 49	1 0	23 25	1 9	23 22	2 3	5 25	0 40	5 42	1 38	39 26	17 50	22 3	21 54	26 36		n.a.
T 4	23 27	26 32	2 32	21 51	2 11	21 21	1 12	22 41	0 59	23 24	1 9	23 21	2 3	5 24	0 40	5 43	1 38	39 27	17 50	22 4	21 54	26 36		n.a.
F 5	23 21	24 59	1 14	22 5	1 57	21 2	1 11	22 32	0 59	23 23	1 9	23 19	2 3	5 23	0 40	5 43	1 38	39 27	17 50	22 4	21 55	26 35		n.a.
S 6	23 14	21 38	0n 9	22 19	1 43	20 42	1 9	22 23	0 59	23 22	1 9	23 17	2 3	5 22	0 40	5 43	1 38	39 28	17 50	22 4	21 55	26 35		n.a.
S 7	23 7	16 55	1 30	22 33	1 28	20 22	1 7	22 14	0 58	23 21	1 9	23 16	2 3	5 21	0 40	5 43	1 38	39 28	17 50	22 4	21 56	26 34		n.a.
M 8	23 0	11 19	2 43	22 48	1 14	20 2	1 6	22 5	0 58	23 20	1 9	23 14	2 3	5 21	0 40	5 43	1 38	39 29	17 50	22 4	21 57	26 34		n.a.
T 9	22 52	5 18	3 44	23 2	1 0	19 40	1 4	21 56	0 57	23 20	1 9	23 13	2 3	5 20	0 40	5 43	1 38	39 29	17 50	22 3	21 57	26 34		n.a.
W10	22 44	0n46	4 31	23 17	0 46	19 19	1 2	21 46	0 57	23 19	1 9	23 11	2 3	5 19	0 40	5 44	1 38	39 29	17 51	22 3	21 58	26 33		n.a.
T 11	22 35	6 36	5 2	23 31	0 32	18 56	1 1	21 36	0 57	23 18	1 9	23 9	2 3	5 18	0 40	5 44	1 38	39 30	17 51	22 3	21 58	26 33		n.a.
F 12	22 26	11 59	5 16	23 45	0 19	18 34	0 59	21 26	0 56	23 17	1 9	23 8	2 3	5 17	0 40	5 44	1 38	39 30	17 51	22 3	21 59	26 32		n.a.
S 13	22 17	16 45	5 15	23 58	0 6	18 10	0 57	21 16	0 56	23 17	1 9	23 6	2 3	5 16	0 40	5 44	1 38	39 31	17 51	22 3	21 59	26 32		n.a.
S 14	22 7	20 44	5 0	24 12	0s 6	17 47	0 55	21 6	0 55	23 16	1 8	23 4	2 3	5 15	0 40	5 44	1 37	39 31	17 51	22 3	22 0	26 32		n.a.
M15	21 57	23 47	4 32	24 24	0 18	17 23	0 53	20 55	0 55	23 15	1 8	23 3	2 3	5 14	0 40	5 45	1 37	39 31	17 51	22 3	22 1	26 31		n.a.
T 16	21 46	25 46	3 52	24 36	0 30	16 58	0 51	20 45	0 55	23 15	1 8	23 1	2 4	5 13	0 40	5 45	1 37	39 32	17 51	22 3	22 1	26 31		n.a.
W17	21 35	26 36	3 3	24 48	0 41	16 33	0 49	20 34	0 54	23 14	1 8	22 59	2 4	5 12	0 40	5 45	1 37	39 32	17 51	22 3	22 2	26 30		n.a.
T 18	21 24	26 13	2 6	24 58	0 51	16 7	0 47	20 23	0 54	23 13	1 8	22 58	2 4	5 11	0 40	5 46	1 37	39 32	17 51	22 3	22 2	26 30		n.a.
F 19	21 12	24 38	1 3	25 8	1 1	15 41	0 45	20 12	0 53	23 13	1 8	22 56	2 4	5 10	0 39	5 46	1 37	39 33	17 51	22 3	22 3	26 29		n.a.
S 20	21 0	21 56	0s 2	25 17	1 10	15 15	0 42	20 1	0 53	23 12	1 8	22 54	2 4	5 9	0 39	5 46	1 37	39 33	17 51	22 3	22 3	26 29		n.a.
S 21	20 48	18 15	1 9	25 25	1 19	14 48	0 40	19 49	0 52	23 12	1 8	22 53	2 4	5 8	0 39	5 47	1 37	39 33	17 51	22 3	22 4	26 29		n.a.
M22	20 35	13 46	2 13	25 31	1 27	14 21	0 38	19 37	0 52	23 11	1 8	22 51	2 4	5 7	0 39	5 47	1 37	39 34	17 51	22 3	22 4	26 28		n.a.
T 23	20 22	8 40	3 12	25 37	1 35	13 54	0 35	19 26	0 52	23 11	1 8	22 49	2 4	5 6	0 39	5 47	1 37	39 34	17 51	22 3	22 5	26 28		n.a.
W24	20 9	3 9	4 2	25 41	1 42	13 26	0 33	19 14	0 51	23 11	1 8	22 48	2 4	5 5	0 39	5 48	1 37	39 34	17 50	22 4	22 6	26 27		n.a.
T 25	19 55	2s36	4 42	25 45	1 49	12 58	0 30	19 2	0 51	23 10	1 8	22 46	2 4	5 4	0 39	5 48	1 37	39 34	17 50	22 4	22 6	26 27		n.a.
F 26	19 41	8 20	5 7	25 47	1 55	12 30	0 28	18 49	0 50	23 10	1 8	22 44	2 4	5 2	0 39	5 48	1 37	39 35	17 50	22 4	22 7	26 26		n.a.
S 27	19 26	13 49	5 17	25 47	2 0	12 1	0 25	18 37	0 50	23 10	1 8	22 43	2 4	5 1	0 39	5 49	1 37	39 35	17 50	22 4	22 7	26 26		n.a.
S 28	19 12	18 44	5 9	25 46	2 5	11 32	0 23	18 24	0 49	23 9	1 8	22 41	2 4	5 0	0 39	5 49	1 37	39 35	17 50	22 4	22 8	26 25		n.a.
M29	18s57	22s46	4s43	25s43	2s 9	11s 3	0s20	18s12	0s49	23n 9	1n 8	22s39	2s 4	4s59	0s39	5n50	1s37	39n35	17n50	22s 4	22s 8	26n24		n.a.

Julian Day Number = 191421.5, Delta T = 32h27m16s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'13, Lahiri = -61°30'13 Julian Calendar 1 Feb. 4189 BCE == Greg. Calendar 30 Dec. 4190 BCE

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

MARCH 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 42	8♒20'06	4♐17	13♉ 6	4♓ 6	13♒36	6°R41	0♒32	19♓16	18♈ 9	23°R 6	23♉ 9	22♉41	25♊21	n.a.	T 1
W 2	8 30 39	9°17'51	18°48	14°28	5°18	14°18	6♊40	0°40	19°19	18°10	23♋ 4	23°10	22°38	25°27	n.a.	W 2
T 3	8 34 36	10°15'35	3♉31	15°52	6°31	15° 0	6°40	0°48	19°21	18°11	23° 2	23°11	22°35	25°34	n.a.	T 3
F 4	8 38 32	11°13'17	18°19	17°19	7°43	15°42	6°40	0°56	19°24	18°12	23° 1	23°R12	22°32	25°41	n.a.	F 4
S 5	8 42 29	12°10'57	3♒ 6	18°47	8°56	16°24	6°D39	1° 4	19°27	18°13	22°59	23°12	22°29	25°47	n.a.	S 5
S 6	8 46 25	13° 8'36	17°45	20°18	10° 8	17° 5	6°40	1°12	19°30	18°15	22°58	23°11	22°25	25°54	n.a.	S 6
M 7	8 50 22	14° 6'13	2♓ 9	21°51	11°21	17°47	6°40	1°19	19°33	18°16	22°56	23° 8	22°22	26° 1	n.a.	M 7
T 8	8 54 18	15° 3'49	16°13	23°25	12°33	18°29	6°40	1°27	19°36	18°17	22°55	23° 6	22°19	26° 7	n.a.	T 8
W 9	8 58 15	16° 1'23	29°54	25° 2	13°46	19°10	6°41	1°35	19°39	18°18	22°53	23° 2	22°16	26°14	n.a.	W 9
T 10	9 2 11	16°58'55	13♈ 9	26°41	14°58	19°52	6°42	1°43	19°43	18°19	22°52	22°59	22°13	26°21	n.a.	T 10
F 11	9 6 8	17°56'25	26° 1	28°22	16°10	20°33	6°43	1°51	19°46	18°21	22°50	22°57	22°10	26°27	n.a.	F 11
S 12	9 10 4	18°53'54	8♉32	0♒ 5	17°22	21°15	6°44	1°58	19°49	18°22	22°49	22°55	22° 6	26°34	n.a.	S 12
S 13	9 14 1	19°51'21	20°45	1°50	18°35	21°56	6°45	2° 6	19°52	18°23	22°47	22°D55	22° 3	26°41	n.a.	S 13
M14	9 17 57	20°48'47	2♊45	3°37	19°47	22°38	6°47	2°14	19°55	18°25	22°46	22°55	22° 0	26°47	n.a.	M14
T 15	9 21 54	21°46'11	14°37	5°26	20°59	23°19	6°48	2°21	19°58	18°26	22°44	22°57	21°57	26°54	n.a.	T 15
W16	9 25 51	22°43'34	26°26	7°17	22°11	24° 0	6°50	2°29	20° 2	18°27	22°43	22°59	21°54	27° 1	n.a.	W16
T 17	9 29 47	23°40'55	8♋16	9°10	23°23	24°41	6°52	2°37	20° 5	18°29	22°42	23° 0	21°50	27° 7	n.a.	T 17
F 18	9 33 44	24°38'14	20°11	11° 5	24°35	25°23	6°54	2°44	20° 8	18°30	22°40	23°R 1	21°47	27°14	n.a.	F 18
S 19	9 37 40	25°35'33	2♌15	13° 2	25°47	26° 4	6°57	2°52	20°11	18°32	22°39	23° 1	21°44	27°21	n.a.	S 19
S 20	9 41 37	26°32'49	14°31	15° 1	26°58	26°45	6°59	2°59	20°15	18°33	22°38	22°59	21°41	27°27	n.a.	S 20
M21	9 45 33	27°30'05	27° 0	17° 2	28°10	27°26	7° 2	3° 7	20°18	18°35	22°36	22°55	21°38	27°34	n.a.	M21
T 22	9 49 30	28°27'20	9♍43	19° 5	29°22	28° 7	7° 5	3°14	20°21	18°36	22°35	22°50	21°35	27°41	n.a.	T 22
W23	9 53 26	29°24'33	22°41	21° 9	0♈33	28°48	7° 8	3°22	20°25	18°38	22°34	22°45	21°31	27°47	n.a.	W23
T 24	9 57 23	0♓21'46	5♎53	23°15	1°45	29°29	7°11	3°29	20°28	18°39	22°32	22°39	21°28	27°54	n.a.	T 24
F 25	10 1 20	1°18'57	19°18	25°22	2°57	0♓10	7°15	3°37	20°31	18°41	22°31	22°33	21°25	28° 1	n.a.	F 25
S 26	10 5 16	2°16'08	2♏55	27°31	4° 8	0°51	7°18	3°44	20°35	18°43	22°30	22°29	21°22	28° 7	n.a.	S 26
S 27	10 9 13	3°13'18	16°43	29°40	5°19	1°31	7°22	3°51	20°38	18°44	22°29	22°26	21°19	28°14	n.a.	S 27
M28	10 13 9	4°10'28	0♐42	1♓50	6°31	2°12	7°26	3°59	20°42	18°46	22°28	22°D24	21°16	28°21	n.a.	M28
T 29	10 17 6	5° 7'37	14°49	4° 1	7°42	2°53	7°30	4° 6	20°45	18°48	22°27	22°25	21°12	28°27	n.a.	T 29
W30	10 21 2	6° 4'46	29° 4	6°13	8°53	3°34	7°34	4°13	20°49	18°50	22°25	22°26	21° 9	28°34	n.a.	W30
T 31	10 24 59	7♓ 1'54	13♉25	8♓24	10♈ 5	4♓14	7♊39	4♒20	20♓52	18♈51	22♋24	22♉27	21♉ 6	28♊41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	18s41	25s30	3s59	25s39	2s13	10s33	0s18	17s59	0s48	23n 9	1n 8	22s37	2s 4	4s58	0s39	5n50	1s36	39n35	17n50	22s 4	22s 9	26n24			n.a.
W 2	18 26	26 36	2 59	25 34	2 16	10 4	0 15	17 46	0 48	23 9	1 7	22 36	2 4	4 57	0 39	5 51	1 36	39 36	17 50	22 4	22 9	26 23			n.a.
T 3	18 10	25 51	1 47	25 26	2 19	9 34	0 12	17 33	0 48	23 8	1 7	22 34	2 4	4 55	0 39	5 51	1 36	39 36	17 50	22 4	22 10	26 23			n.a.
F 4	17 54	23 16	0 27	25 17	2 21	9 3	0 9	17 20	0 47	23 8	1 7	22 32	2 4	4 54	0 39	5 51	1 36	39 36	17 49	22 4	22 10	26 22			n.a.
S 5	17 37	19 8	0n54	25 6	2 22	8 33	0 7	17 6	0 47	23 8	1 7	22 31	2 5	4 53	0 39	5 52	1 36	39 36	17 49	22 4	22 11	26 22			n.a.
S 6	17 21	13 52	2 11	24 53	2 23	8 2	0 4	16 53	0 46	23 8	1 7	22 29	2 5	4 52	0 39	5 52	1 36	39 36	17 49	22 4	22 11	26 21			n.a.
M 7	17 4	7 55	3 19	24 38	2 23	7 32	0 1	16 39	0 46	23 8	1 7	22 27	2 5	4 51	0 39	5 53	1 36	39 36	17 49	22 4	22 12	26 21			n.a.
T 8	16 46	1 44	4 12	24 21	2 23	7 1	0n 2	16 26	0 45	23 8	1 7	22 25	2 5	4 49	0 39	5 53	1 36	39 36	17 49	22 5	22 13	26 20			n.a.
W 9	16 29	4n22	4 49	24 3	2 22	6 29	0 5	16 12	0 45	23 8	1 7	22 24	2 5	4 48	0 39	5 54	1 36	39 36	17 48	22 5	22 13	26 19			n.a.
T 10	16 11	10 4	5 10	23 42	2 20	5 58	0 7	15 58	0 44	23 8	1 7	22 22	2 5	4 47	0 39	5 55	1 36	39 36	17 48	22 6	22 14	26 19			n.a.
F 11	15 53	15 11	5 14	23 19	2 18	5 27	0 10	15 44	0 44	23 8	1 7	22 20	2 5	4 46	0 39	5 55	1 36	39 37	17 48	22 6	22 14	26 18			n.a.
S 12	15 35	19 30	5 3	22 54	2 15	4 55	0 13	15 30	0 43	23 8	1 7	22 19	2 5	4 44	0 39	5 56	1 36	39 37	17 48	22 6	22 15	26 18			n.a.
S 13	15 16	22 54	4 38	22 27	2 12	4 24	0 16	15 16	0 43	23 9	1 7	22 17	2 5	4 43	0 39	5 56	1 36	39 37	17 47	22 7	22 15	26 17			n.a.
M14	14 58	25 15	4 2	21 57	2 8	3 52	0 19	15 1	0 42	23 9	1 7	22 15	2 5	4 42	0 39	5 57	1 36	39 37	17 47	22 6	22 16	26 16			n.a.
T 15	14 39	26 26	3 15	21 26	2 3	3 20	0 22	14 47	0 42	23 9	1 6	22 13	2 6	4 40	0 39	5 57	1 36	39 37	17 47	22 6	22 16	26 16			n.a.
W16	14 20	26 25	2 21	20 52	1 58	2 49	0 25	14 33	0 41	23 9	1 6	22 12	2 6	4 39	0 39	5 58	1 36	39 37	17 47	22 6	22 17	26 15			n.a.
T 17	14 0	25 11	1 20	20 16	1 52	2 17	0 28	14 18	0 41	23 10	1 6	22 10	2 6	4 38	0 39	5 59	1 36	39 37	17 46	22 6	22 17	26 14			n.a.
F 18	13 41	22 48	0 16	19 38	1 46	1 45	0 31	14 3	0 40	23 10	1 6	22 8	2 6	4 36	0 39	5 59	1 35	39 37	17 46	22 5	22 18	26 14			n.a.
S 19	13 21	19 24	0s50	18 58	1 39	1 13	0 34	13 48	0 40	23 10	1 6	22 7	2 6	4 35	0 39	6 0	1 35	39 37	17 46	22 6	22 18	26 13			n.a.
S 20	13 1	15 7	1 55	18 15	1 32	0 41	0 37	13 34	0 39	23 11	1 6	22 5	2 6	4 34	0 39	6 0	1 35	39 37	17 45	22 6	22 19	26 12			n.a.
M21	12 41	10 8	2 55	17 30	1 24	0 9	0 39	13 19	0 39	23 11	1 6	22 3	2 6	4 32	0 39	6 1	1 35	39 36	17 45	22 6	22 19	26 12			n.a.
T 22	12 20	4 39	3 47	16 44	1 16	0n23	0 42	13 4	0 38	23 11	1 6	22 2	2 6	4 31	0 39	6 2	1 35	39 36	17 45	22 7	22 20	26 11			n.a.
W23	12 0	1s 7	4 29	15 55	1 7	0 55	0 45	12 49	0 38	23 12	1 6	22 0	2 7	4 30	0 39	6 2	1 35	39 36	17 44	22 8	22 20	26 10			n.a.
T 24	11 39	6 55	4 57	15 4	0 58	1 27	0 48	12 33	0 37	23 12	1 6	21 58	2 7	4 28	0 39	6 3	1 35	39 36	17 44	22 9	22 21	26 10			n.a.
F 25	11 19	12 31	5 10	14 11	0 49	1 59	0 51	12 18	0 37	23 13	1 6	21 57	2 7	4 27	0 39	6 4	1 35	39 36	17 44	22 10	22 21	26 9			n.a.
S 26	10 58	17 35	5 5	13 17	0 39	2 31	0 54	12 3	0 36	23 13	1 5	21 55	2 7	4 25	0 39	6 4	1 35	39 36	17 43	22 11	22 22	26 8			n.a.
S 27	10 36	21 49	4 43	12 22	0 29	3 2	0 57	11 47	0 36	23 14	1 5	21 53	2 7	4 24	0 39	6 5	1 35	39 36	17 43	22 11	22 22	26 8			n.a.
M28	10 15	24 51	4 4	11 25	0 19	3 34	1 0	11 32	0 35	23 14	1 5	21 52	2 7	4 23	0 39	6 6	1 35	39 36	17 43	22 12	22 23	26 7			n.a.
T 29	9 54	26 22	3 10	10 26	0 8	4 6	1 3	11 16	0 35	23 15	1 5	21 50	2 7	4 21	0 39	6 6	1 35	39 36	17 42	22 12	22 23	26 6			n.a.
W30	9 32	26 10	2 3	9 27	0n 2	4 37	1 5	11 1	0 34	23 16	1 5	21 48	2 8	4 20	0 39	6 7	1 35	39 35	17 42	22 11	22 24	26 5			n.a.
T 31	9s10	24s14	0s49	8s28	0n12	5n 8	1n 8	10s45	0s34	23n16	1n 5	21s47	2s 8	4s18	0s39	6n 8	1s35	39n35	17n41	22s11	22s25	26n 5			n.a.

Julian Day Number = 191450.5, Delta T = 32h27m13s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'09, Lahiri = -61°30'09 Julian Calendar 1 March 4189 BCE == Greg. Calendar 28 Jan. 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

APRIL 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 28 55	7♓59'02	27♑48	10♓35	11♈16	4♓55	7♊43	4♒27	20♓55	18♈53	22°R23	22°R27	21♑ 3	28♊47	n.a.	F 1
S 2	10 32 52	8°56'09	12♒11	12°46	12°27	5°35	7°48	4°34	20°59	18°55	22♋22	22♑26	21° 0	28°54	n.a.	S 2
S 3	10 36 49	9°53'15	26°28	14°56	13°38	6°16	7°53	4°41	21° 2	18°57	22°21	22°22	20°56	29° 0	n.a.	S 3
M 4	10 40 45	10°50'21	10♓35	17° 5	14°49	6°56	7°58	4°48	21° 6	18°58	22°20	22°16	20°53	29° 7	n.a.	M 4
T 5	10 44 42	11°47'26	24°27	19°13	16° 0	7°37	8° 3	4°55	21° 9	19° 0	22°19	22° 9	20°50	29°14	n.a.	T 5
W 6	10 48 38	12°44'30	8♈ 0	21°19	17°11	8°17	8° 8	5° 2	21°13	19° 2	22°18	22° 1	20°47	29°20	n.a.	W 6
T 7	10 52 35	13°41'34	21°12	23°24	18°21	8°58	8°14	5° 9	21°16	19° 4	22°18	21°52	20°44	29°27	n.a.	T 7
F 8	10 56 31	14°38'37	4♉ 2	25°27	19°32	9°38	8°20	5°16	21°20	19° 6	22°17	21°45	20°41	29°34	n.a.	F 8
S 9	11 0 28	15°35'39	16°33	27°28	20°43	10°18	8°25	5°23	21°23	19° 8	22°16	21°39	20°37	29°40	n.a.	S 9
S 10	11 4 24	16°32'41	28°46	29°27	21°53	10°58	8°31	5°29	21°27	19°10	22°15	21°35	20°34	29°47	n.a.	S 10
M11	11 8 21	17°29'42	10♊47	1♈24	23° 4	11°39	8°37	5°36	21°31	19°12	22°14	21°34	20°31	29°54	n.a.	M11
T 12	11 12 18	18°26'42	22°39	3°19	24°14	12°19	8°44	5°42	21°34	19°14	22°14	21°D33	20°28	0♋ 0	n.a.	T 12
W13	11 16 14	19°23'42	4♋28	5°11	25°25	12°59	8°50	5°49	21°38	19°16	22°13	21°34	20°25	0° 7	n.a.	W13
T 14	11 20 11	20°20'41	16°19	7° 2	26°35	13°39	8°56	5°55	21°41	19°18	22°12	21°R35	20°22	0°14	n.a.	T 14
F 15	11 24 7	21°17'39	28°18	8°50	27°45	14°19	9° 3	6° 2	21°45	19°20	22°12	21°35	20°18	0°20	n.a.	F 15
S 16	11 28 4	22°14'37	10♌28	10°36	28°55	14°59	9°10	6° 8	21°48	19°22	22°11	21°33	20°15	0°27	n.a.	S 16
S 17	11 32 0	23°11'35	22°53	12°19	0♉ 5	15°39	9°17	6°15	21°52	19°24	22°10	21°29	20°12	0°34	n.a.	S 17
M18	11 35 57	24° 8'32	5♍37	14° 0	1°15	16°19	9°24	6°21	21°55	19°26	22°10	21°23	20° 9	0°40	n.a.	M18
T 19	11 39 54	25° 5'29	18°39	15°39	2°25	16°59	9°31	6°27	21°59	19°28	22° 9	21°14	20° 6	0°47	n.a.	T 19
W20	11 43 50	26° 2'26	1♎59	17°15	3°35	17°39	9°38	6°33	22° 2	19°30	22° 9	21° 4	20° 2	0°54	n.a.	W20
T 21	11 47 47	26°59'23	15°35	18°49	4°45	18°18	9°46	6°39	22° 6	19°32	22° 8	20°54	19°59	1° 0	n.a.	T 21
F 22	11 51 43	27°56'20	29°25	20°21	5°54	18°58	9°53	6°45	22°10	19°34	22° 8	20°44	19°56	1° 7	n.a.	F 22
S 23	11 55 40	28°53'17	13♏25	21°50	7° 4	19°38	10° 1	6°51	22°13	19°36	22° 7	20°36	19°53	1°14	n.a.	S 23
S 24	11 59 36	29°50'14	27°30	23°16	8°13	20°18	10° 9	6°57	22°17	19°38	22° 7	20°30	19°50	1°20	n.a.	S 24
M25	12 3 33	0♈47'12	11♐39	24°41	9°23	20°57	10°16	7° 3	22°20	19°40	22° 7	20°26	19°47	1°27	n.a.	M25
T 26	12 7 30	1°44'10	25°48	26° 2	10°32	21°37	10°24	7° 9	22°24	19°43	22° 6	20°25	19°43	1°34	n.a.	T 26
W27	12 11 26	2°41'09	9♑56	27°22	11°41	22°17	10°33	7°14	22°27	19°45	22° 6	20°D25	19°40	1°40	n.a.	W27
T 28	12 15 23	3°38'08	24° 3	28°38	12°51	22°56	10°41	7°20	22°31	19°47	22° 6	20°R25	19°37	1°47	n.a.	T 28
F 29	12 19 19	4°35'07	8♒ 6	29°52	14° 0	23°36	10°49	7°25	22°34	19°49	22° 6	20°24	19°34	1°54	n.a.	F 29
S 30	12 23 16	5♈32'07	22♒ 5	1♉ 4	15♉ 9	24♓15	10♊58	7♒31	22♓38	19♈51	22♋ 5	20♑21	19♑31	2♋ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8 s49	20 s43	0n29	7 s27	0n23	5n40	1n11	10 s29	0 s33	23n17	1n 5	21 s45	2 s 8	4 s17	0 s38	6n 9	1 s35	39n35	17n41	22 s11	22 s25	26n 4		n.a.
S 2	8 27	15 57	1 45	6 27	0 33	6 11	1 14	10 14	0 33	23 18	1 5	21 44	2 8	4 16	0 38	6 9	1 35	39 35	17 41	22 11	22 26	26 3		n.a.
S 3	8 5	10 20	2 53	5 26	0 43	6 42	1 16	9 58	0 32	23 18	1 5	21 42	2 8	4 14	0 38	6 10	1 35	39 35	17 40	22 12	22 26	26 2		n.a.
M 4	7 42	4 16	3 50	4 26	0 53	7 12	1 19	9 42	0 32	23 19	1 5	21 40	2 8	4 13	0 38	6 11	1 35	39 34	17 40	22 13	22 27	26 2		n.a.
T 5	7 20	1n53	4 32	3 26	1 2	7 43	1 22	9 26	0 31	23 20	1 5	21 39	2 9	4 11	0 38	6 12	1 35	39 34	17 39	22 14	22 27	26 1		n.a.
W 6	6 58	7 48	4 58	2 27	1 11	8 13	1 24	9 10	0 31	23 21	1 5	21 37	2 9	4 10	0 38	6 12	1 35	39 34	17 39	22 16	22 28	26 0		n.a.
T 7	6 35	13 12	5 7	1 29	1 20	8 44	1 27	8 54	0 30	23 22	1 4	21 36	2 9	4 8	0 38	6 13	1 35	39 34	17 38	22 17	22 28	25 59		n.a.
F 8	6 13	17 54	5 0	0 32	1 28	9 14	1 30	8 38	0 30	23 22	1 4	21 34	2 9	4 7	0 38	6 14	1 34	39 33	17 38	22 18	22 29	25 58		n.a.
S 9	5 50	21 41	4 39	0n25	1 35	9 43	1 32	8 22	0 29	23 23	1 4	21 33	2 9	4 6	0 38	6 15	1 34	39 33	17 37	22 19	22 29	25 58		n.a.
S 10	5 27	24 25	4 5	1 20	1 42	10 13	1 34	8 5	0 28	23 24	1 4	21 31	2 9	4 4	0 38	6 15	1 34	39 33	17 37	22 20	22 30	25 57		n.a.
M11	5 4	26 1	3 21	2 13	1 48	10 42	1 37	7 49	0 28	23 25	1 4	21 30	2 10	4 3	0 38	6 16	1 34	39 32	17 37	22 20	22 30	25 56		n.a.
T 12	4 42	26 23	2 29	3 5	1 54	11 11	1 39	7 33	0 27	23 26	1 4	21 28	2 10	4 1	0 38	6 17	1 34	39 32	17 36	22 20	22 30	25 55		n.a.
W13	4 19	25 33	1 31	3 56	1 59	11 40	1 42	7 17	0 27	23 27	1 4	21 27	2 10	4 0	0 38	6 18	1 34	39 32	17 36	22 20	22 31	25 54		n.a.
T 14	3 56	23 33	0 28	4 45	2 4	12 8	1 44	7 0	0 26	23 28	1 4	21 25	2 10	3 58	0 38	6 19	1 34	39 31	17 35	22 20	22 31	25 54		n.a.
F 15	3 33	20 30	0 s36	5 32	2 8	12 37	1 46	6 44	0 26	23 29	1 4	21 24	2 10	3 57	0 38	6 19	1 34	39 31	17 35	22 20	22 32	25 53		n.a.
S 16	3 10	16 31	1 39	6 18	2 11	13 4	1 48	6 28	0 25	23 30	1 4	21 22	2 11	3 55	0 38	6 20	1 34	39 31	17 34	22 20	22 32	25 52		n.a.
S 17	2 47	11 46	2 39	7 2	2 13	13 32	1 50	6 11	0 25	23 31	1 4	21 21	2 11	3 54	0 38	6 21	1 34	39 30	17 34	22 21	22 33	25 51		n.a.
M18	2 23	6 26	3 32	7 44	2 15	13 59	1 52	5 55	0 24	23 32	1 4	21 19	2 11	3 53	0 38	6 22	1 34	39 30	17 33	22 22	22 33	25 50		n.a.
T 19	2 0	0 42	4 16	8 25	2 17	14 26	1 54	5 39	0 24	23 33	1 4	21 18	2 11	3 51	0 38	6 23	1 34	39 29	17 33	22 23	22 34	25 49		n.a.
W20	1 37	5 s10	4 46	9 4	2 17	14 53	1 56	5 22	0 23	23 34	1 3	21 17	2 11	3 50	0 38	6 24	1 34	39 29	17 32	22 25	22 34	25 48		n.a.
T 21	1 14	10 55	5 2	9 41	2 17	15 19	1 58	5 6	0 22	23 35	1 3	21 15	2 12	3 48	0 38	6 24	1 34	39 29	17 32	22 26	22 35	25 47		n.a.
F 22	0 51	16 13	4 59	10 16	2 16	15 44	2 0	4 49	0 22	23 36	1 3	21 14	2 12	3 47	0 38	6 25	1 34	39 28	17 31	22 28	22 35	25 47		n.a.
S 23	0 27	20 44	4 39	10 49	2 15	16 10	2 1	4 33	0 21	23 37	1 3	21 13	2 12	3 45	0 38	6 26	1 34	39 28	17 31	22 29	22 36	25 46		n.a.
S 24	0 4	24 5	4 2	11 20	2 13	16 35	2 3	4 16	0 21	23 38	1 3	21 11	2 12	3 44	0 38	6 27	1 34	39 27	17 30	22 30	22 36	25 45		n.a.
M25	0n19	25 58	3 11	11 50	2 10	16 59	2 5	3 59	0 20	23 40	1 3	21 10	2 13	3 42	0 38	6 28	1 34	39 27	17 29	22 31	22 37	25 44		n.a.
T 26	0 43	26 10	2 7	12 18	2 7	17 23	2 6	3 43	0 20	23 41	1 3	21 9	2 13	3 41	0 38	6 29	1 34	39 26	17 29	22 31	22 37	25 43		n.a.
W27	1 6	24 39	0 55	12 44	2 3	17 47	2 8	3 26	0 19	23 42	1 3	21 7	2 13	3 40	0 38	6 30	1 34	39 26	17 28	22 31	22 38	25 42		n.a.
T 28	1 29	21 36	0n19	13 8	1 59	18 10	2 9	3 10	0 19	23 43	1 3	21 6	2 13	3 38	0 38	6 30	1 34	39 25	17 28	22 31	22 38	25 41		n.a.
F 29	1 52	17 16	1 32	13 30	1 54	18 33	2 10	2 53	0 18	23 44	1 3	21 5	2 14	3 37	0 38	6 31	1 34	39 25	17 27	22 31	22 39	25 40		n.a.
S 30	2n16	12 s 2	2n39	13n51	1n48	18n55	2n11	2 s37	0 s17	23n45	1n 3	21 s 4	2 s14	3 s35	0 s38	6n32	1 s34	39n24	17n27	22 s32	22 s39	25n39		n.a.

Julian Day Number = 191481.5, Delta T = 32h27m10s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'05, Lahiri = -61°30'04 Julian Calendar 1 Apr. 4189 BCE == Greg. Calendar 28 Feb. 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

MAY 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 27 13	6♈29'07	5♓57	2♉12	16♉17	24♓55	11♊ 6	7♒36	22♓41	19♈53	22°R 5	20°R15	19♑27	2♋ 7	n.a.	S 1
M 2	12 31 9	7°26'08	19°40	3°18	17°26	25°34	11°15	7°42	22°45	19°56	22♋ 5	20♑ 7	19°24	2°13	n.a.	M 2
T 3	12 35 6	8°23'09	3♈11	4°21	18°35	26°14	11°24	7°47	22°48	19°58	22° 5	19°56	19°21	2°20	n.a.	T 3
W 4	12 39 2	9°20'11	16°27	5°21	19°44	26°53	11°33	7°52	22°51	20° 0	22° 5	19°44	19°18	2°27	n.a.	W 4
T 5	12 42 59	10°17'13	29°27	6°17	20°52	27°32	11°42	7°57	22°55	20° 2	22°D 5	19°32	19°15	2°33	n.a.	T 5
F 6	12 46 55	11°14'16	12♉ 9	7°11	22° 0	28°12	11°51	8° 2	22°58	20° 4	22° 5	19°20	19°12	2°40	n.a.	F 6
S 7	12 50 52	12°11'19	24°34	8° 1	23° 9	28°51	12° 0	8° 7	23° 2	20° 7	22° 5	19°11	19° 8	2°47	n.a.	S 7
S 8	12 54 49	13° 8'22	6♊44	8°48	24°17	29°30	12°10	8°12	23° 5	20° 9	22° 5	19° 4	19° 5	2°53	n.a.	S 8
M 9	12 58 45	14° 5'26	18°43	9°31	25°25	0♈ 9	12°19	8°17	23° 8	20°11	22° 5	19° 0	19° 2	3° 0	n.a.	M 9
T 10	13 2 42	15° 2'30	0♋34	10°10	26°33	0°49	12°29	8°21	23°12	20°13	22° 5	18°58	18°59	3° 7	n.a.	T 10
W11	13 6 38	15°59'34	12°22	10°46	27°41	1°28	12°38	8°26	23°15	20°15	22° 6	18°58	18°56	3°13	n.a.	W11
T 12	13 10 35	16°56'39	24°13	11°17	28°48	2° 7	12°48	8°31	23°18	20°18	22° 6	18°58	18°53	3°20	n.a.	T 12
F 13	13 14 31	17°53'44	6♌13	11°44	29°56	2°46	12°58	8°35	23°22	20°20	22° 6	18°57	18°49	3°27	n.a.	F 13
S 14	13 18 28	18°50'50	18°26	12° 7	1♊ 3	3°25	13° 8	8°39	23°25	20°22	22° 6	18°55	18°46	3°33	n.a.	S 14
S 15	13 22 25	19°47'56	0♍57	12°26	2°11	4° 4	13°18	8°44	23°28	20°24	22° 7	18°50	18°43	3°40	n.a.	S 15
M16	13 26 21	20°45'02	13°49	12°39	3°18	4°43	13°28	8°48	23°32	20°27	22° 7	18°43	18°40	3°47	n.a.	M16
T 17	13 30 18	21°42'10	27° 5	12°49	4°25	5°22	13°38	8°52	23°35	20°29	22° 8	18°34	18°37	3°53	n.a.	T 17
W18	13 34 14	22°39'18	10♎43	12°R53	5°32	6° 1	13°48	8°56	23°38	20°31	22° 8	18°23	18°33	4° 0	n.a.	W18
T 19	13 38 11	23°36'27	24°42	12°52	6°38	6°40	13°59	9° 0	23°41	20°33	22° 8	18°11	18°30	4° 7	n.a.	T 19
F 20	13 42 7	24°33'37	8♏58	12°46	7°45	7°18	14° 9	9° 4	23°44	20°35	22° 9	18° 0	18°27	4°13	n.a.	F 20
S 21	13 46 4	25°30'48	23°23	12°36	8°52	7°57	14°20	9° 8	23°48	20°38	22° 9	17°51	18°24	4°20	n.a.	S 21
S 22	13 50 1	26°28'00	7♐52	12°20	9°58	8°36	14°30	9°11	23°51	20°40	22°10	17°44	18°21	4°26	n.a.	S 22
M23	13 53 57	27°25'13	22°20	12° 0	11° 4	9°15	14°41	9°15	23°54	20°42	22°11	17°40	18°18	4°33	n.a.	M23
T 24	13 57 54	28°22'28	6♑41	11°35	12°10	9°54	14°52	9°18	23°57	20°44	22°11	17°38	18°14	4°40	n.a.	T 24
W25	14 1 50	29°19'45	20°54	11° 6	13°16	10°32	15° 3	9°22	24° 0	20°47	22°12	17°D38	18°11	4°46	n.a.	W25
T 26	14 5 47	0♉17'02	4♒57	10°32	14°21	11°11	15°14	9°25	24° 3	20°49	22°13	17°R38	18° 8	4°53	n.a.	T 26
F 27	14 9 44	1°14'21	18°49	9°55	15°27	11°50	15°25	9°28	24° 6	20°51	22°13	17°37	18° 5	5° 0	n.a.	F 27
S 28	14 13 40	2°11'42	2♓30	9°15	16°32	12°28	15°36	9°31	24° 9	20°53	22°14	17°34	18° 2	5° 6	n.a.	S 28
S 29	14 17 37	3° 9'04	16° 1	8°33	17°37	13° 7	15°47	9°34	24°12	20°55	22°15	17°28	17°59	5°13	n.a.	S 29
M30	14 21 33	4° 6'27	29°21	7°49	18°42	13°45	15°58	9°37	24°15	20°58	22°16	17°20	17°55	5°20	n.a.	M30
T 31	14 25 30	5♉ 3'52	12♈29	7♉ 3	19♊47	14♈24	16♊ 9	9♒40	24♓18	21♈ 0	22♋17	17♑ 9	17♑52	5♋26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	2n39	6s15	3n36	14n 9	1n41	19n17	2n12	2s20	0s17	23n47	1n 3	21s 2	2s14	3s34	0s38	6n33	1s34	39n24	17n26	22s32	22s40	25n38			n.a.
M 2	3 2	0 14	4 20	14 26	1 34	19 38	2 13	2 3	0 16	23 48	1 3	21 1	2 14	3 33	0 38	6 34	1 34	39 23	17 26	22 34	22 40	25 37			n.a.
T 3	3 25	5n41	4 48	14 41	1 27	19 59	2 14	1 47	0 16	23 49	1 3	21 0	2 14	3 31	0 38	6 35	1 34	39 23	17 25	22 35	22 41	25 36			n.a.
W 4	3 48	11 14	5 0	14 54	1 19	20 19	2 15	1 30	0 15	23 50	1 3	20 59	2 15	3 30	0 38	6 36	1 34	39 22	17 25	22 37	22 41	25 35			n.a.
T 5	4 11	16 11	4 56	15 5	1 10	20 39	2 16	1 14	0 15	23 51	1 2	20 58	2 15	3 28	0 38	6 36	1 34	39 22	17 24	22 39	22 41	25 34			n.a.
F 6	4 34	20 18	4 38	15 15	1 0	20 58	2 16	0 57	0 14	23 53	1 2	20 57	2 15	3 27	0 38	6 37	1 34	39 21	17 23	22 41	22 42	25 33			n.a.
S 7	4 57	23 25	4 6	15 22	0 50	21 17	2 17	0 41	0 14	23 54	1 2	20 56	2 15	3 26	0 38	6 38	1 34	39 21	17 23	22 42	22 42	25 32			n.a.
S 8	5 20	25 23	3 24	15 28	0 40	21 35	2 17	0 24	0 13	23 55	1 2	20 55	2 16	3 24	0 38	6 39	1 34	39 20	17 22	22 43	22 43	25 31			n.a.
M 9	5 43	26 10	2 33	15 31	0 29	21 53	2 18	0 7	0 12	23 56	1 2	20 54	2 16	3 23	0 38	6 40	1 34	39 20	17 22	22 44	22 43	25 30			n.a.
T 10	6 5	25 43	1 36	15 33	0 17	22 10	2 18	0n 9	0 12	23 58	1 2	20 52	2 16	3 22	0 38	6 41	1 34	39 19	17 21	22 44	22 44	25 29			n.a.
W11	6 28	24 6	0 35	15 33	0 5	22 26	2 18	0 26	0 11	23 59	1 2	20 51	2 17	3 20	0 38	6 42	1 34	39 18	17 21	22 44	22 44	25 28			n.a.
T 12	6 50	21 25	0s28	15 31	0s 7	22 42	2 18	0 42	0 11	24 0	1 2	20 51	2 17	3 19	0 38	6 43	1 34	39 18	17 20	22 44	22 45	25 27			n.a.
F 13	7 13	17 48	1 30	15 28	0 20	22 57	2 18	0 59	0 10	24 1	1 2	20 50	2 17	3 17	0 38	6 43	1 34	39 17	17 20	22 44	22 45	25 26			n.a.
S 14	7 35	13 22	2 29	15 22	0 34	23 11	2 18	1 15	0 10	24 3	1 2	20 49	2 17	3 16	0 38	6 44	1 34	39 17	17 19	22 44	22 46	25 25			n.a.
S 15	7 57	8 18	3 23	15 15	0 48	23 25	2 17	1 31	0 9	24 4	1 2	20 48	2 18	3 15	0 38	6 45	1 34	39 16	17 18	22 45	22 46	25 24			n.a.
M16	8 19	2 45	4 7	15 6	1 2	23 39	2 17	1 48	0 8	24 5	1 2	20 47	2 18	3 13	0 38	6 46	1 34	39 15	17 18	22 46	22 47	25 23			n.a.
T 17	8 41	3s 4	4 40	14 55	1 16	23 51	2 16	2 4	0 8	24 6	1 2	20 46	2 18	3 12	0 38	6 47	1 34	39 15	17 17	22 47	22 47	25 22			n.a.
W18	9 3	8 54	4 58	14 42	1 31	24 3	2 16	2 21	0 7	24 8	1 2	20 45	2 18	3 11	0 38	6 48	1 34	39 14	17 17	22 49	22 47	25 21			n.a.
T 19	9 25	14 26	4 59	14 28	1 45	24 15	2 15	2 37	0 7	24 9	1 2	20 44	2 19	3 10	0 38	6 49	1 34	39 13	17 16	22 51	22 48	25 20			n.a.
F 20	9 47	19 18	4 41	14 13	2 0	24 25	2 14	2 53	0 6	24 10	1 2	20 44	2 19	3 8	0 38	6 49	1 34	39 13	17 16	22 52	22 48	25 19			n.a.
S 21	10 8	23 6	4 5	13 55	2 15	24 35	2 13	3 10	0 5	24 11	1 2	20 43	2 19	3 7	0 38	6 50	1 34	39 12	17 15	22 53	22 49	25 18			n.a.
S 22	10 29	25 25	3 14	13 37	2 29	24 45	2 12	3 26	0 5	24 13	1 2	20 42	2 20	3 6	0 38	6 51	1 33	39 12	17 14	22 54	22 49	25 17			n.a.
M23	10 51	26 3	2 10	13 17	2 43	24 53	2 11	3 42	0 4	24 14	1 2	20 41	2 20	3 5	0 38	6 52	1 33	39 11	17 14	22 55	22 50	25 16			n.a.
T 24	11 12	24 54	0 58	12 56	2 57	25 1	2 9	3 58	0 4	24 15	1 2	20 41	2 20	3 3	0 38	6 53	1 33	39 10	17 13	22 55	22 50	25 15			n.a.
W25	11 33	22 9	0n17	12 35	3 10	25 9	2 8	4 14	0 3	24 16	1 2	20 40	2 21	3 2	0 38	6 54	1 33	39 10	17 13	22 55	22 51	25 13			n.a.
T 26	11 53	18 6	1 30	12 13	3 22	25 15	2 6	4 30	0 2	24 18	1 2	20 39	2 21	3 1	0 38	6 55	1 33	39 9	17 12	22 55	22 51	25 12			n.a.
F 27	12 14	13 7	2 37	11 50	3 33	25 21	2 4	4 47	0 2	24 19	1 2	20 39	2 21	3 0	0 39	6 55	1 33	39 8	17 12	22 55	22 51	25 11			n.a.
S 28	12 34	7 33	3 34	11 28	3 44	25 27	2 3	5 3	0 1	24 20	1 2	20 38	2 21	2 58	0 39	6 56	1 33	39 8	17 11	22 56	22 52	25 10			n.a.
S 29	12 55	1 43	4 18	11 5	3 53	25 31	2 1	5 19	0 1	24 21	1 2	20 38	2 22	2 57	0 39	6 57	1 33	39 7	17 11	22 56	22 52	25 9			n.a.
M30	13 15	4n 6	4 47	10 44	4 0	25 35	1 58	5 34	0 0	24 22	1 2	20 37	2 22	2 56	0 39	6 58	1 33	39 6	17 10	22 57	22 53	25 8			n.a.
T 31	13n34	9n40	5n 1	10n23	4s 6	25n38	1n56	5n50	0n 0	24n24	1n 2	20s37	2s22	2s55	0s39	6n59	1s33	39n 5	17n10	22s59	22s53	25n 7			n.a.

Julian Day Number = 191511.5, Delta T = 32h27m06s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°37'01, Lahiri = -61°30'00 Julian Calendar 1 May 4189 BCE == Greg. Calendar 29 March 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

JUNE 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 29 26	6♉ 1'18	25♈25	6°R18	20♊51	15♈ 3	16♊21	9♒43	24♓21	21♈ 2	22♋17	16°R58	17♑49	5♋33	n.a.	W 1
T 2	14 33 23	6°58'46	8♉ 7	5♉32	21°56	15°41	16°32	9°45	24°23	21° 4	22°18	16♑46	17°46	5°40	n.a.	T 2
F 3	14 37 20	7°56'15	20°36	4°49	23° 0	16°20	16°44	9°48	24°26	21° 6	22°19	16°35	17°43	5°46	n.a.	F 3
S 4	14 41 16	8°53'46	2♊51	4° 7	24° 4	16°58	16°55	9°50	24°29	21° 8	22°20	16°25	17°39	5°53	n.a.	S 4
S 5	14 45 13	9°51'18	14°55	3°29	25° 8	17°36	17° 7	9°52	24°32	21°11	22°21	16°19	17°36	6° 0	n.a.	S 5
M 6	14 49 9	10°48'51	26°49	2°55	26°11	18°15	17°19	9°54	24°34	21°13	22°22	16°14	17°33	6° 6	n.a.	M 6
T 7	14 53 6	11°46'25	8♋38	2°25	27°14	18°53	17°30	9°57	24°37	21°15	22°23	16°13	17°30	6°13	n.a.	T 7
W 8	14 57 2	12°44'01	20°24	2° 0	28°17	19°31	17°42	9°59	24°40	21°17	22°25	16°D12	17°27	6°20	n.a.	W 8
T 9	15 0 59	13°41'38	2♌14	1°41	29°20	20°10	17°54	10° 0	24°42	21°19	22°26	16°13	17°24	6°26	n.a.	T 9
F 10	15 4 56	14°39'17	14°13	1°28	0♋23	20°48	18° 6	10° 2	24°45	21°21	22°27	16°R13	17°20	6°33	n.a.	F 10
S 11	15 8 52	15°36'56	26°25	1°D22	1°25	21°26	18°18	10° 4	24°47	21°23	22°28	16°13	17°17	6°39	n.a.	S 11
S 12	15 12 49	16°34'37	8♍56	1°23	2°27	22° 4	18°30	10° 5	24°50	21°25	22°29	16°10	17°14	6°46	n.a.	S 12
M13	15 16 45	17°32'20	21°50	1°31	3°28	22°43	18°42	10° 7	24°52	21°27	22°31	16° 6	17°11	6°53	n.a.	M13
T 14	15 20 42	18°30'04	5♎11	1°46	4°30	23°21	18°54	10° 8	24°55	21°29	22°32	15°59	17° 8	6°59	n.a.	T 14
W15	15 24 38	19°27'49	18°58	2° 9	5°31	23°59	19° 6	10° 9	24°57	21°31	22°33	15°51	17° 4	7° 6	n.a.	W15
T 16	15 28 35	20°25'36	3♏10	2°39	6°31	24°37	19°19	10°10	25° 0	21°33	22°35	15°42	17° 1	7°13	n.a.	T 16
F 17	15 32 31	21°23'24	17°43	3°16	7°32	25°15	19°31	10°11	25° 2	21°35	22°36	15°34	16°58	7°19	n.a.	F 17
S 18	15 36 28	22°21'15	2♐31	4° 0	8°32	25°53	19°43	10°12	25° 4	21°37	22°37	15°27	16°55	7°26	n.a.	S 18
S 19	15 40 25	23°19'07	17°23	4°51	9°32	26°31	19°56	10°13	25° 6	21°39	22°39	15°22	16°52	7°33	n.a.	S 19
M20	15 44 21	24°17'02	2♑14	5°50	10°31	27° 9	20° 8	10°14	25° 9	21°41	22°40	15°19	16°49	7°39	n.a.	M20
T 21	15 48 18	25°14'58	16°55	6°54	11°30	27°47	20°20	10°14	25°11	21°43	22°42	15°D19	16°45	7°46	n.a.	T 21
W22	15 52 14	26°12'57	1♒23	8° 5	12°29	28°25	20°33	10°15	25°13	21°45	22°43	15°19	16°42	7°53	n.a.	W22
T 23	15 56 11	27°10'57	15°33	9°22	13°27	29° 3	20°45	10°15	25°15	21°47	22°45	15°20	16°39	7°59	n.a.	T 23
F 24	16 0 7	28° 9'00	29°25	10°45	14°25	29°41	20°58	10°15	25°17	21°49	22°46	15°R21	16°36	8° 6	n.a.	F 24
S 25	16 4 4	29° 7'05	13♓ 0	12°13	15°22	0♉19	21°11	10°16	25°19	21°51	22°48	15°20	16°33	8°13	n.a.	S 25
S 26	16 8 0	0♊ 5'12	26°18	13°45	16°19	0°57	21°23	10°R16	25°21	21°53	22°50	15°17	16°30	8°19	n.a.	S 26
M27	16 11 57	1° 3'21	9♈21	15°22	17°15	1°35	21°36	10°16	25°23	21°54	22°51	15°12	16°26	8°26	n.a.	M27
T 28	16 15 54	2° 1'33	22°10	17° 3	18°11	2°12	21°49	10°15	25°25	21°56	22°53	15° 6	16°23	8°33	n.a.	T 28
W29	16 19 50	2°59'47	4♉46	18°47	19° 7	2°50	22° 1	10°15	25°27	21°58	22°55	14°58	16°20	8°39	n.a.	W29
T 30	16 23 47	3♊58'03	17♉11	20♉34	20♋ 2	3♉28	22♊14	10♒15	25♓28	22♈ 0	22♋56	14♑51	16♑17	8♋46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n54	14n42	4n59	10n 3	4s11	25n41	1n54	6n 6	0n 1	24n25	1n 2	20s36	2s23	2s54	0s39	7n 0	1s33	39n 5	17n 9	23s 0	22s54	25n 5		n.a.
T 2	14 14	19 2	4 41	9 46	4 14	25 43	1 51	6 22	0 2	24 26	1 1	20 36	2 23	2 53	0 39	7 0	1 33	39 4	17 8	23 2	22 54	25 4		n.a.
F 3	14 33	22 25	4 11	9 30	4 15	25 44	1 49	6 38	0 2	24 27	1 1	20 35	2 23	2 51	0 39	7 1	1 34	39 3	17 8	23 3	22 54	25 3		n.a.
S 4	14 52	24 44	3 29	9 16	4 15	25 44	1 46	6 54	0 3	24 28	1 1	20 35	2 24	2 50	0 39	7 2	1 34	39 3	17 7	23 4	22 55	25 2		n.a.
S 5	15 11	25 52	2 39	9 5	4 13	25 44	1 43	7 9	0 3	24 29	1 1	20 35	2 24	2 49	0 39	7 3	1 34	39 2	17 7	23 5	22 55	25 1		n.a.
M 6	15 29	25 46	1 42	8 57	4 9	25 43	1 40	7 25	0 4	24 31	1 1	20 34	2 24	2 48	0 39	7 4	1 34	39 1	17 6	23 6	22 56	25 0		n.a.
T 7	15 48	24 30	0 40	8 51	4 3	25 42	1 37	7 40	0 5	24 32	1 1	20 34	2 24	2 47	0 39	7 5	1 34	39 0	17 6	23 6	22 56	24 58		n.a.
W 8	16 6	22 9	0s22	8 49	3 56	25 39	1 33	7 56	0 5	24 33	1 1	20 34	2 25	2 46	0 39	7 5	1 34	39 0	17 5	23 6	22 57	24 57		n.a.
T 9	16 24	18 51	1 25	8 50	3 48	25 37	1 30	8 11	0 6	24 34	1 1	20 34	2 25	2 45	0 39	7 6	1 34	38 59	17 5	23 6	22 57	24 56		n.a.
F 10	16 41	14 44	2 24	8 55	3 38	25 33	1 26	8 27	0 6	24 35	1 1	20 34	2 25	2 44	0 39	7 7	1 34	38 58	17 4	23 6	22 57	24 55		n.a.
S 11	16 59	9 58	3 18	9 3	3 28	25 29	1 22	8 42	0 7	24 36	1 1	20 33	2 26	2 43	0 39	7 8	1 34	38 58	17 4	23 6	22 58	24 54		n.a.
S 12	17 16	4 41	4 4	9 14	3 16	25 24	1 18	8 57	0 8	24 37	1 1	20 33	2 26	2 42	0 39	7 9	1 34	38 57	17 3	23 6	22 58	24 52		n.a.
M13	17 33	0s56	4 39	9 29	3 3	25 18	1 14	9 12	0 8	24 38	1 1	20 33	2 26	2 41	0 39	7 9	1 34	38 56	17 3	23 7	22 59	24 51		n.a.
T 14	17 49	6 41	5 0	9 46	2 50	25 12	1 10	9 27	0 9	24 39	1 1	20 33	2 27	2 40	0 39	7 10	1 34	38 55	17 2	23 8	22 59	24 50		n.a.
W15	18 5	12 19	5 5	10 7	2 36	25 6	1 6	9 42	0 10	24 41	1 1	20 33	2 27	2 39	0 39	7 11	1 34	38 55	17 2	23 9	22 59	24 49		n.a.
T 16	18 21	17 28	4 52	10 31	2 22	24 58	1 1	9 57	0 10	24 42	1 1	20 33	2 27	2 38	0 39	7 12	1 34	38 54	17 1	23 10	23 0	24 47		n.a.
F 17	18 37	21 44	4 19	10 58	2 7	24 50	0 57	10 12	0 11	24 43	1 1	20 33	2 28	2 37	0 39	7 12	1 34	38 53	17 1	23 11	23 0	24 46		n.a.
S 18	18 52	24 40	3 29	11 27	1 52	24 42	0 52	10 27	0 11	24 44	1 1	20 33	2 28	2 36	0 39	7 13	1 34	38 52	17 0	23 12	23 1	24 45		n.a.
S 19	19 8	25 54	2 24	11 59	1 37	24 32	0 47	10 42	0 12	24 45	1 1	20 33	2 28	2 35	0 39	7 14	1 34	38 52	17 0	23 12	23 1	24 44		n.a.
M20	19 22	25 16	1 10	12 33	1 22	24 23	0 42	10 57	0 13	24 46	1 1	20 33	2 29	2 34	0 39	7 15	1 34	38 51	16 59	23 13	23 2	24 42		n.a.
T 21	19 37	22 52	0n 9	13 9	1 7	24 12	0 36	11 11	0 13	24 47	1 2	20 33	2 29	2 34	0 39	7 15	1 34	38 50	16 59	23 13	23 2	24 41		n.a.
W22	19 51	19 2	1 26	13 47	0 52	24 2	0 31	11 26	0 14	24 47	1 2	20 34	2 29	2 33	0 39	7 16	1 34	38 50	16 59	23 12	23 2	24 40		n.a.
T 23	20 5	14 9	2 36	14 26	0 38	23 50	0 25	11 40	0 15	24 48	1 2	20 34	2 30	2 32	0 39	7 17	1 34	38 49	16 58	23 12	23 3	24 39		n.a.
F 24	20 18	8 39	3 35	15 6	0 24	23 38	0 20	11 55	0 15	24 49	1 2	20 34	2 30	2 31	0 39	7 17	1 34	38 48	16 58	23 12	23 3	24 37		n.a.
S 25	20 32	2 51	4 21	15 46	0 10	23 26	0 14	12 9	0 16	24 50	1 2	20 34	2 30	2 30	0 39	7 18	1 34	38 47	16 57	23 12	23 4	24 36		n.a.
S 26	20 44	2n56	4 52	16 27	0n 3	23 13	0 8	12 23	0 16	24 51	1 2	20 35	2 31	2 30	0 39	7 19	1 34	38 47	16 57	23 13	23 4	24 35		n.a.
M27	20 57	8 29	5 7	17 9	0 15	23 0	0 2	12 37	0 17	24 52	1 2	20 35	2 31	2 29	0 39	7 19	1 34	38 46	16 56	23 13	23 4	24 33		n.a.
T 28	21 9	13 35	5 7	17 50	0 27	22 46	0s 5	12 51	0 18	24 53	1 2	20 35	2 31	2 28	0 39	7 20	1 34	38 45	16 56	23 14	23 5	24 32		n.a.
W29	21 21	18 1	4 51	18 30	0 38	22 32	0 11	13 5	0 18	24 54	1 2	20 36	2 32	2 27	0 39	7 21	1 34	38 44	16 56	23 15	23 5	24 31		n.a.
T 30	21n32	21n36	4n22	19n10	0n48	22n17	0s18	13n19	0n19	24n55	1n 2	20s36	2s32	2s27	0s39	7n21	1s34	38n44	16n55	23s16	23s 6	24n29		n.a.

Julian Day Number = 191542.5, Delta T = 32h27m03s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'57, Lahiri = -61°29'56 Julian Calendar 1 June 4189 BCE == Greg. Calendar 29 Apr. 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

JULY 4189 BCE (-4188) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 27 43	4♊56'21	29♉24	22♉23	20♋57	4♉ 6	22♊27	10°R14	25♓30	22♈ 2	22♋58	14°R44	16♏14	8♋52	n.a.	F 1
S 2	16 31 40	5°54'41	11♊29	24°15	21°51	4°43	22°40	10♒13	25°32	22° 3	23° 0	14♏38	16°10	8°59	n.a.	S 2
S 3	16 35 36	6°53'04	23°25	26° 8	22°44	5°21	22°53	10°13	25°33	22° 5	23° 2	14°34	16° 7	9° 6	n.a.	S 3
M 4	16 39 33	7°51'28	5♋15	28° 2	23°37	5°59	23° 6	10°12	25°35	22° 7	23° 3	14°32	16° 4	9°12	n.a.	M 4
T 5	16 43 29	8°49'55	17° 1	29°57	24°29	6°36	23°19	10°11	25°37	22° 8	23° 5	14°D32	16° 1	9°19	n.a.	T 5
W 6	16 47 26	9°48'23	28°47	1♊52	25°21	7°14	23°31	10°10	25°38	22°10	23° 7	14°32	15°58	9°26	n.a.	W 6
T 7	16 51 23	10°46'53	10♌37	3°48	26°12	7°52	23°44	10° 8	25°40	22°12	23° 9	14°34	15°55	9°32	n.a.	T 7
F 8	16 55 19	11°45'25	22°35	5°44	27° 3	8°29	23°57	10° 7	25°41	22°13	23°11	14°36	15°51	9°39	n.a.	F 8
S 9	16 59 16	12°43'59	4♍46	7°39	27°52	9° 7	24°10	10° 6	25°42	22°15	23°13	14°37	15°48	9°46	n.a.	S 9
S 10	17 3 12	13°42'35	17°14	9°35	28°41	9°44	24°23	10° 4	25°44	22°16	23°15	14°R37	15°45	9°52	n.a.	S 10
M11	17 7 9	14°41'13	0♎ 4	11°29	29°29	10°22	24°37	10° 3	25°45	22°18	23°17	14°36	15°42	9°59	n.a.	M11
T 12	17 11 5	15°39'53	13°21	13°23	0♌17	10°59	24°50	10° 1	25°46	22°19	23°19	14°34	15°39	10° 6	n.a.	T 12
W13	17 15 2	16°38'34	27° 5	15°17	1° 3	11°37	25° 3	9°59	25°47	22°21	23°21	14°31	15°36	10°12	n.a.	W13
T 14	17 18 58	17°37'18	11♏17	17° 9	1°49	12°14	25°16	9°57	25°48	22°22	23°23	14°27	15°32	10°19	n.a.	T 14
F 15	17 22 55	18°36'04	25°54	19° 1	2°34	12°51	25°29	9°55	25°49	22°24	23°25	14°23	15°29	10°26	n.a.	F 15
S 16	17 26 51	19°34'52	10♐51	20°52	3°18	13°29	25°42	9°53	25°50	22°25	23°27	14°20	15°26	10°32	n.a.	S 16
S 17	17 30 48	20°33'42	25°58	22°41	4° 0	14° 6	25°55	9°51	25°51	22°27	23°29	14°18	15°23	10°39	n.a.	S 17
M18	17 34 44	21°32'35	11♑ 8	24°30	4°42	14°43	26° 8	9°48	25°52	22°28	23°31	14°D17	15°20	10°45	n.a.	M18
T 19	17 38 41	22°31'30	26° 9	26°18	5°23	15°21	26°21	9°46	25°53	22°29	23°33	14°17	15°16	10°52	n.a.	T 19
W20	17 42 38	23°30'27	10♒56	28° 5	6° 3	15°58	26°35	9°43	25°54	22°30	23°35	14°18	15°13	10°59	n.a.	W20
T 21	17 46 34	24°29'27	25°21	29°51	6°42	16°35	26°48	9°41	25°55	22°32	23°38	14°20	15°10	11° 5	n.a.	T 21
F 22	17 50 31	25°28'29	9♓24	1♋36	7°19	17°12	27° 1	9°38	25°55	22°33	23°40	14°21	15° 7	11°12	n.a.	F 22
S 23	17 54 27	26°27'34	23° 2	3°20	7°55	17°50	27°14	9°35	25°56	22°34	23°42	14°R22	15° 4	11°19	n.a.	S 23
S 24	17 58 24	27°26'41	6♈18	5° 3	8°30	18°27	27°27	9°32	25°57	22°35	23°44	14°21	15° 1	11°25	n.a.	S 24
M25	18 2 20	28°25'51	19°13	6°45	9° 4	19° 4	27°40	9°29	25°57	22°37	23°46	14°20	14°57	11°32	n.a.	M25
T 26	18 6 17	29°25'04	1♉51	8°26	9°36	19°41	27°54	9°26	25°58	22°38	23°49	14°19	14°54	11°39	n.a.	T 26
W27	18 10 13	0♋24'19	14°13	10° 7	10° 7	20°18	28° 7	9°23	25°58	22°39	23°51	14°17	14°51	11°45	n.a.	W27
T 28	18 14 10	1°23'36	26°24	11°46	10°37	20°55	28°20	9°20	25°59	22°40	23°53	14°15	14°48	11°52	n.a.	T 28
F 29	18 18 6	2°22'56	8♊26	13°25	11° 5	21°32	28°33	9°16	25°59	22°41	23°55	14°13	14°45	11°59	n.a.	F 29
S 30	18 22 3	3°22'19	20°20	15° 2	11°31	22° 9	28°46	9°13	25°59	22°42	23°58	14°12	14°42	12° 5	n.a.	S 30
S 31	18 25 59	4♋21'44	2♋10	16♋39	11♌56	22♉46	28♊59	9♒ 9	25♓59	22♈43	24♋ 0	14♏11	14♏38	12♋12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n43	24n11	3n41	19n48	0n57	22n 2	0s24	13n33	0n20	24n55	1n 2	20s37	2s32	2s26	0s39	7n22	1s34	38n43	16n55	23s17	23s 6	24n28		n.a.
S 2	21 54	25 36	2 50	20 25	1 6	21 46	0 31	13 47	0 20	24 56	1 2	20 37	2 32	2 25	0 39	7 23	1 34	38 42	16 54	23 17	23 6	24 27		n.a.
S 3	22 4	25 49	1 53	21 1	1 13	21 30	0 39	14 0	0 21	24 57	1 2	20 38	2 33	2 25	0 39	7 23	1 34	38 41	16 54	23 18	23 7	24 25		n.a.
M 4	22 14	24 51	0 51	21 35	1 20	21 14	0 46	14 14	0 21	24 58	1 2	20 38	2 33	2 24	0 39	7 24	1 34	38 41	16 54	23 18	23 7	24 24		n.a.
T 5	22 24	22 46	0s14	22 7	1 26	20 57	0 53	14 27	0 22	24 58	1 2	20 39	2 33	2 23	0 39	7 25	1 34	38 40	16 53	23 18	23 7	24 23		n.a.
W 6	22 33	19 43	1 17	22 37	1 32	20 40	1 1	14 40	0 23	24 59	1 2	20 39	2 34	2 23	0 39	7 25	1 34	38 39	16 53	23 18	23 8	24 21		n.a.
T 7	22 42	15 51	2 18	23 5	1 36	20 23	1 9	14 53	0 23	25 0	1 2	20 40	2 34	2 22	0 39	7 26	1 34	38 39	16 52	23 18	23 8	24 20		n.a.
F 8	22 50	11 20	3 14	23 31	1 40	20 6	1 16	15 7	0 24	25 0	1 2	20 41	2 34	2 22	0 39	7 26	1 34	38 38	16 52	23 17	23 9	24 19		n.a.
S 9	22 58	6 18	4 1	23 54	1 43	19 48	1 24	15 20	0 25	25 1	1 2	20 41	2 35	2 21	0 39	7 27	1 34	38 37	16 52	23 17	23 9	24 17		n.a.
S 10	23 5	0 55	4 39	24 15	1 46	19 30	1 33	15 32	0 25	25 2	1 2	20 42	2 35	2 21	0 39	7 27	1 34	38 36	16 51	23 17	23 9	24 16		n.a.
M11	23 12	4s39	5 4	24 34	1 48	19 11	1 41	15 45	0 26	25 2	1 2	20 43	2 35	2 20	0 39	7 28	1 34	38 36	16 51	23 17	23 10	24 14		n.a.
T 12	23 19	10 12	5 14	24 51	1 49	18 53	1 50	15 58	0 27	25 3	1 2	20 44	2 36	2 20	0 39	7 29	1 34	38 35	16 51	23 18	23 10	24 13		n.a.
W13	23 25	15 28	5 6	25 5	1 49	18 34	1 58	16 11	0 27	25 3	1 2	20 44	2 36	2 19	0 40	7 29	1 34	38 34	16 50	23 18	23 11	24 12		n.a.
T 14	23 31	20 4	4 40	25 17	1 49	18 15	2 7	16 23	0 28	25 4	1 2	20 45	2 36	2 19	0 40	7 30	1 34	38 34	16 50	23 18	23 11	24 10		n.a.
F 15	23 37	23 35	3 56	25 27	1 49	17 56	2 16	16 35	0 29	25 5	1 2	20 46	2 36	2 18	0 40	7 30	1 34	38 33	16 50	23 19	23 11	24 9		n.a.
S 16	23 41	25 34	2 54	25 35	1 48	17 37	2 25	16 48	0 29	25 5	1 2	20 47	2 37	2 18	0 40	7 31	1 34	38 32	16 50	23 19	23 12	24 7		n.a.
S 17	23 46	25 42	1 39	25 40	1 46	17 18	2 34	17 0	0 30	25 6	1 3	20 48	2 37	2 18	0 40	7 31	1 34	38 31	16 49	23 19	23 12	24 6		n.a.
M18	23 50	23 55	0 17	25 44	1 44	16 59	2 44	17 12	0 31	25 6	1 3	20 49	2 37	2 17	0 40	7 32	1 34	38 31	16 49	23 20	23 12	24 5		n.a.
T 19	23 54	20 27	1n 5	25 46	1 42	16 40	2 53	17 24	0 31	25 7	1 3	20 50	2 38	2 17	0 40	7 32	1 35	38 30	16 49	23 20	23 13	24 3		n.a.
W20	23 57	15 43	2 22	25 45	1 39	16 20	3 3	17 35	0 32	25 7	1 3	20 51	2 38	2 17	0 40	7 33	1 35	38 29	16 48	23 19	23 13	24 2		n.a.
T 21	24 0	10 11	3 28	25 43	1 36	16 1	3 13	17 47	0 33	25 7	1 3	20 52	2 38	2 16	0 40	7 33	1 35	38 29	16 48	23 19	23 14	24 0		n.a.
F 22	24 2	4 16	4 20	25 39	1 32	15 42	3 23	17 59	0 33	25 8	1 3	20 53	2 38	2 16	0 40	7 33	1 35	38 28	16 48	23 19	23 14	23 59		n.a.
S 23	24 4	1n39	4 55	25 33	1 28	15 23	3 33	18 10	0 34	25 8	1 3	20 54	2 39	2 16	0 40	7 34	1 35	38 27	16 48	23 19	23 14	23 57		n.a.
S 24	24 5	7 20	5 13	25 25	1 24	15 4	3 43	18 21	0 35	25 8	1 3	20 55	2 39	2 16	0 40	7 34	1 35	38 27	16 47	23 19	23 15	23 56		n.a.
M25	24 6	12 34	5 15	25 16	1 20	14 45	3 53	18 33	0 35	25 9	1 3	20 56	2 39	2 15	0 40	7 35	1 35	38 26	16 47	23 19	23 15	23 54		n.a.
T 26	24 7	17 9	5 2	25 5	1 15	14 26	4 4	18 44	0 36	25 9	1 3	20 57	2 39	2 15	0 40	7 35	1 35	38 25	16 47	23 19	23 15	23 53		n.a.
W27	24 7	20 54	4 34	24 53	1 10	14 8	4 15	18 55	0 37	25 9	1 3	20 58	2 40	2 15	0 40	7 35	1 35	38 25	16 47	23 20	23 16	23 51		n.a.
T 28	24 6	23 42	3 55	24 39	1 5	13 49	4 25	19 6	0 37	25 10	1 3	20 59	2 40	2 15	0 40	7 36	1 35	38 24	16 47	23 20	23 16	23 50		n.a.
F 29	24 5	25 23	3 6	24 24	0 59	13 31	4 36	19 16	0 38	25 10	1 3	21 0	2 40	2 15	0 40	7 36	1 35	38 23	16 46	23 20	23 16	23 48		n.a.
S 30	24 4	25 53	2 9	24 8	0 54	13 14	4 47	19 27	0 39	25 10	1 4	21 2	2 40	2 15	0 40	7 36	1 35	38 23	16 46	23 20	23 17	23 47		n.a.
S 31	24n 2	25n12	1n 6	23n50	0n48	12n56	4s58	19n37	0n40	25n10	1n 4	21s 3	2s41	2s15	0s40	7n37	1s35	38n22	16n46	23s20	23s17	23n45		n.a.

Julian Day Number = 191572.5, Delta T = 32h27m00s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'53, Lahiri = -61°29'52 Julian Calendar 1 July 4189 BCE == Greg. Calendar 29 May 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

AUGUST 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 29 56	5♋21'11	13♋57	18♋15	12♌19	23♉23	29♊13	9°R 6	26♓ 0	22♈44	24♋ 2	14°D10	14♑35	12♋19	n.a.	M 1
T 2	18 33 53	6°20'40	25°44	19°50	12°40	24° 0	29°26	9♒ 2	26° 0	22°45	24° 4	14♑11	14°32	12°25	n.a.	T 2
W 3	18 37 49	7°20'12	7♌33	21°24	13° 0	24°37	29°39	8°58	26° 0	22°45	24° 7	14°11	14°29	12°32	n.a.	W 3
T 4	18 41 46	8°19'46	19°27	22°58	13°17	25°14	29°52	8°54	26°R 0	22°46	24° 9	14°12	14°26	12°38	n.a.	T 4
F 5	18 45 42	9°19'21	1♍28	24°31	13°33	25°50	0♋ 5	8°50	26° 0	22°47	24°11	14°12	14°22	12°45	n.a.	F 5
S 6	18 49 39	10°18'59	13°41	26° 3	13°46	26°27	0°18	8°46	26° 0	22°48	24°14	14°13	14°19	12°52	n.a.	S 6
S 7	18 53 35	11°18'39	26° 9	27°34	13°58	27° 4	0°31	8°42	26° 0	22°49	24°16	14°13	14°16	12°58	n.a.	S 7
M 8	18 57 32	12°18'21	8♎56	29° 4	14° 7	27°41	0°44	8°38	25°59	22°49	24°19	14°R13	14°13	13° 5	n.a.	M 8
T 9	19 1 28	13°18'05	22° 5	0♌34	14°15	28°17	0°57	8°34	25°59	22°50	24°21	14°13	14°10	13°12	n.a.	T 9
W10	19 5 25	14°17'50	5♏39	2° 3	14°19	28°54	1°10	8°30	25°59	22°51	24°23	14°D13	14° 7	13°18	n.a.	W10
T 11	19 9 21	15°17'38	19°40	3°31	14°22	29°31	1°23	8°26	25°59	22°51	24°26	14°13	14° 3	13°25	n.a.	T 11
F 12	19 13 18	16°17'28	4♐ 6	4°58	14°R22	0♊ 7	1°36	8°21	25°58	22°52	24°28	14°14	14° 0	13°32	n.a.	F 12
S 13	19 17 14	17°17'20	18°55	6°24	14°20	0°44	1°49	8°17	25°58	22°52	24°30	14°14	13°57	13°38	n.a.	S 13
S 14	19 21 11	18°17'14	4♑ 1	7°50	14°16	1°20	2° 2	8°12	25°57	22°53	24°33	14°14	13°54	13°45	n.a.	S 14
M15	19 25 7	19°17'10	19°14	9°14	14° 9	1°57	2°15	8° 8	25°57	22°53	24°35	14°R14	13°51	13°52	n.a.	M15
T 16	19 29 4	20°17'08	4♒26	10°38	13°59	2°33	2°28	8° 3	25°56	22°54	24°38	14°14	13°48	13°58	n.a.	T 16
W17	19 33 1	21°17'08	19°26	12° 1	13°47	3°10	2°41	7°59	25°55	22°54	24°40	14°13	13°44	14° 5	n.a.	W17
T 18	19 36 57	22°17'11	4♓ 8	13°23	13°33	3°46	2°54	7°54	25°55	22°55	24°42	14°12	13°41	14°12	n.a.	T 18
F 19	19 40 54	23°17'16	18°25	14°44	13°17	4°23	3° 6	7°49	25°54	22°55	24°45	14°11	13°38	14°18	n.a.	F 19
S 20	19 44 50	24°17'23	2♈14	16° 3	12°58	4°59	3°19	7°44	25°53	22°55	24°47	14°10	13°35	14°25	n.a.	S 20
S 21	19 48 47	25°17'33	15°36	17°22	12°37	5°35	3°32	7°40	25°52	22°56	24°50	14°10	13°32	14°31	n.a.	S 21
M22	19 52 43	26°17'45	28°32	18°39	12°13	6°11	3°45	7°35	25°51	22°56	24°52	14°D 9	13°28	14°38	n.a.	M22
T 23	19 56 40	27°17'59	11♉ 7	19°55	11°48	6°48	3°57	7°30	25°50	22°56	24°54	14°10	13°25	14°45	n.a.	T 23
W24	20 0 36	28°18'16	23°24	21° 9	11°21	7°24	4°10	7°25	25°49	22°56	24°57	14°11	13°22	14°51	n.a.	W24
T 25	20 4 33	29°18'35	5♊27	22°22	10°52	8° 0	4°22	7°20	25°48	22°56	24°59	14°12	13°19	14°58	n.a.	T 25
F 26	20 8 29	0♌18'57	17°21	23°33	10°21	8°36	4°35	7°15	25°47	22°56	25° 2	14°14	13°16	15° 5	n.a.	F 26
S 27	20 12 26	1°19'20	29°10	24°42	9°49	9°12	4°48	7°10	25°46	22°56	25° 4	14°15	13°13	15°11	n.a.	S 27
S 28	20 16 22	2°19'46	10♋56	25°49	9°16	9°48	5° 0	7° 5	25°45	22°R57	25° 6	14°R16	13° 9	15°18	n.a.	S 28
M29	20 20 19	3°20'14	22°44	26°53	8°42	10°24	5°12	7° 0	25°44	22°57	25° 9	14°15	13° 6	15°25	n.a.	M29
T 30	20 24 15	4°20'43	4♌35	27°55	8° 7	11° 0	5°25	6°55	25°42	22°56	25°11	14°14	13° 3	15°31	n.a.	T 30
W31	20 28 12	5♌21'15	16♌31	28♌54	7♌31	11♊36	5♋37	6♒50	25♓41	22♈56	25♋14	14♑12	13♑ 0	15♋38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	24n 0	23n23	0n 1	23n31	0n42	12n39	5s 9	19n48	0n40	25n11	1n 4	21s 4	2s41	2s15	0s40	7n37	1s35	38n21	16n46	23s20	23s18	23n44			n.a.
T 2	23 57	20 33	1s 4	23 11	0 36	12 23	5 20	19 58	0 41	25 11	1 4	21 5	2 41	2 15	0 40	7 37	1 35	38 21	16 46	23 20	23 18	23 42			n.a.
W 3	23 54	16 52	2 6	22 50	0 29	12 6	5 31	20 8	0 42	25 11	1 4	21 6	2 41	2 15	0 40	7 38	1 35	38 20	16 46	23 20	23 18	23 41			n.a.
T 4	23 51	12 30	3 4	22 28	0 23	11 51	5 42	20 18	0 42	25 11	1 4	21 8	2 41	2 15	0 40	7 38	1 35	38 20	16 45	23 20	23 19	23 39			n.a.
F 5	23 46	7 37	3 54	22 5	0 16	11 36	5 53	20 27	0 43	25 11	1 4	21 9	2 42	2 15	0 40	7 38	1 35	38 19	16 45	23 20	23 19	23 38			n.a.
S 6	23 42	2 23	4 34	21 41	0 9	11 21	6 4	20 37	0 44	25 11	1 4	21 10	2 42	2 15	0 40	7 39	1 35	38 18	16 45	23 20	23 19	23 36			n.a.
S 7	23 37	3s 2	5 2	21 17	0 3	11 7	6 15	20 46	0 44	25 11	1 4	21 12	2 42	2 15	0 40	7 39	1 35	38 18	16 45	23 20	23 20	23 35			n.a.
M 8	23 32	8 27	5 17	20 51	0s 4	10 54	6 26	20 56	0 45	25 11	1 4	21 13	2 42	2 15	0 40	7 39	1 35	38 17	16 45	23 20	23 20	23 33			n.a.
T 9	23 26	13 41	5 15	20 25	0 11	10 42	6 37	21 5	0 46	25 11	1 5	21 14	2 42	2 15	0 40	7 39	1 35	38 17	16 45	23 20	23 20	23 32			n.a.
W10	23 19	18 25	4 56	19 58	0 18	10 30	6 48	21 14	0 47	25 11	1 5	21 16	2 43	2 15	0 40	7 39	1 35	38 16	16 45	23 20	23 21	23 30			n.a.
T 11	23 12	22 18	4 19	19 30	0 26	10 19	6 58	21 23	0 47	25 11	1 5	21 17	2 43	2 15	0 40	7 40	1 35	38 16	16 45	23 20	23 21	23 29			n.a.
F 12	23 5	24 55	3 25	19 2	0 33	10 9	7 9	21 32	0 48	25 11	1 5	21 18	2 43	2 16	0 40	7 40	1 35	38 15	16 45	23 20	23 21	23 27			n.a.
S 13	22 58	25 54	2 16	18 33	0 40	10 0	7 19	21 40	0 49	25 11	1 5	21 20	2 43	2 16	0 40	7 40	1 36	38 14	16 45	23 20	23 22	23 25			n.a.
S 14	22 49	25 0	0 57	18 4	0 47	9 52	7 29	21 49	0 49	25 11	1 5	21 21	2 43	2 16	0 40	7 40	1 36	38 14	16 45	23 20	23 22	23 24			n.a.
M15	22 41	22 14	0n28	17 34	0 54	9 45	7 38	21 57	0 50	25 11	1 5	21 22	2 44	2 16	0 40	7 40	1 36	38 13	16 45	23 20	23 22	23 22			n.a.
T 16	22 32	17 55	1 50	17 5	1 2	9 39	7 47	22 6	0 51	25 11	1 5	21 24	2 44	2 17	0 40	7 40	1 36	38 13	16 44	23 20	23 23	23 21			n.a.
W17	22 23	12 31	3 4	16 34	1 9	9 34	7 56	22 14	0 52	25 11	1 5	21 25	2 44	2 17	0 40	7 41	1 36	38 12	16 44	23 20	23 23	23 19			n.a.
T 18	22 13	6 30	4 3	16 4	1 16	9 30	8 4	22 21	0 52	25 11	1 6	21 27	2 44	2 17	0 41	7 41	1 36	38 12	16 44	23 20	23 23	23 17			n.a.
F 19	22 2	0 20	4 46	15 33	1 23	9 27	8 12	22 29	0 53	25 10	1 6	21 28	2 44	2 17	0 41	7 41	1 36	38 11	16 44	23 20	23 24	23 16			n.a.
S 20	21 52	5n38	5 11	15 2	1 30	9 26	8 19	22 37	0 54	25 10	1 6	21 29	2 44	2 18	0 41	7 41	1 36	38 11	16 44	23 20	23 24	23 14			n.a.
S 21	21 41	11 9	5 17	14 31	1 37	9 25	8 26	22 44	0 55	25 10	1 6	21 31	2 44	2 18	0 41	7 41	1 36	38 10	16 44	23 20	23 24	23 13			n.a.
M22	21 29	16 1	5 8	14 1	1 44	9 26	8 32	22 52	0 55	25 10	1 6	21 32	2 44	2 19	0 41	7 41	1 36	38 10	16 44	23 20	23 25	23 11			n.a.
T 23	21 17	20 3	4 43	13 30	1 51	9 28	8 37	22 59	0 56	25 10	1 6	21 34	2 45	2 19	0 41	7 41	1 36	38 9	16 45	23 20	23 25	23 9			n.a.
W24	21 5	23 7	4 6	13 0	1 58	9 31	8 41	23 6	0 57	25 9	1 6	21 35	2 45	2 19	0 41	7 41	1 36	38 9	16 45	23 20	23 25	23 8			n.a.
T 25	20 52	25 5	3 19	12 30	2 4	9 35	8 45	23 13	0 58	25 9	1 7	21 36	2 45	2 20	0 41	7 41	1 36	38 8	16 45	23 20	23 26	23 6			n.a.
F 26	20 39	25 53	2 24	12 0	2 11	9 41	8 48	23 19	0 58	25 9	1 7	21 38	2 45	2 20	0 41	7 41	1 36	38 8	16 45	23 20	23 26	23 4			n.a.
S 27	20 26	25 29	1 23	11 31	2 17	9 47	8 50	23 26	0 59	25 8	1 7	21 39	2 45	2 21	0 41	7 41	1 36	38 8	16 45	23 20	23 26	23 3			n.a.
S 28	20 12	23 57	0 18	11 3	2 22	9 55	8 51	23 32	1 0	25 8	1 7	21 40	2 45	2 21	0 41	7 41	1 36	38 7	16 45	23 20	23 27	23 1			n.a.
M29	19 57	21 22	0s47	10 35	2 28	10 4	8 51	23 39	1 1	25 8	1 7	21 42	2 45	2 22	0 41	7 41	1 36	38 7	16 45	23 20	23 27	22 59			n.a.
T 30	19 43	17 53	1 50	10 9	2 33	10 13	8 50	23 45	1 2	25 7	1 7	21 43	2 45	2 22	0 41	7 41	1 36	38 6	16 45	23 20	23 27	22 58			n.a.
W31	19n28	13n39	2s49	9n44	2s38	10n24	8s48	23n51	1n 2	25n 7	1n 8	21s45	2s45	2s23	0s41	7n41	1s36	38n 6	16n45	23s20	23s28	22n56			n.a.

Julian Day Number = 191603.5, Delta T = 32h26m56s
Ecliptic obliquity = 24°06'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'48, Lahiri = -61°29'48 Julian Calendar 1 Aug. 4189 BCE == Greg. Calendar 29 June 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

SEPTEMBER 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 32 9	6♌21'48	28♌34	29♌49	6°R55	12♊12	5♋49	6°R45	25°R40	22°R56	25♋16	14°R 8	12♑57	15♋45	n.a.	T 1
F 2	20 36 5	7°22'23	10♍45	0♍41	6♌19	12°48	6° 1	6♒40	25♓38	22♈56	25°18	14♑ 4	12°53	15°51	n.a.	F 2
S 3	20 40 2	8°23'00	23° 8	1°28	5°43	13°24	6°14	6°36	25°37	22°56	25°21	14° 0	12°50	15°58	n.a.	S 3
S 4	20 43 58	9°23'38	5♎43	2°11	5° 7	14° 0	6°26	6°31	25°35	22°56	25°23	13°57	12°47	16° 5	n.a.	S 4
M 5	20 47 55	10°24'18	18°33	2°49	4°32	14°35	6°38	6°26	25°34	22°56	25°25	13°54	12°44	16°11	n.a.	M 5
T 6	20 51 51	11°25'00	1♏40	3°21	3°58	15°11	6°50	6°21	25°32	22°55	25°28	13°52	12°41	16°18	n.a.	T 6
W 7	20 55 48	12°25'43	15° 6	3°47	3°24	15°47	7° 2	6°16	25°30	22°55	25°30	13°D52	12°38	16°24	n.a.	W 7
T 8	20 59 44	13°26'27	28°53	4° 5	2°53	16°22	7°13	6°11	25°29	22°55	25°32	13°53	12°34	16°31	n.a.	T 8
F 9	21 3 41	14°27'13	13♐ 2	4°16	2°22	16°58	7°25	6° 6	25°27	22°54	25°35	13°54	12°31	16°38	n.a.	F 9
S 10	21 7 37	15°28'00	27°31	4°R18	1°54	17°33	7°37	6° 1	25°25	22°54	25°37	13°55	12°28	16°44	n.a.	S 10
S 11	21 11 34	16°28'49	12♑19	4°11	1°27	18° 9	7°49	5°56	25°23	22°53	25°39	13°R56	12°25	16°51	n.a.	S 11
M12	21 15 31	17°29'39	27°18	3°54	1° 2	18°44	8° 0	5°51	25°22	22°53	25°42	13°56	12°22	16°58	n.a.	M12
T 13	21 19 27	18°30'30	12♒22	3°27	0°39	19°19	8°12	5°46	25°20	22°52	25°44	13°53	12°19	17° 4	n.a.	T 13
W14	21 23 24	19°31'23	27°21	2°50	0°19	19°55	8°23	5°42	25°18	22°52	25°46	13°49	12°15	17°11	n.a.	W14
T 15	21 27 20	20°32'17	12♓ 7	2° 3	0° 0	20°30	8°35	5°37	25°16	22°51	25°48	13°44	12°12	17°18	n.a.	T 15
F 16	21 31 17	21°33'13	26°32	1° 5	29♋45	21° 5	8°46	5°32	25°14	22°51	25°51	13°38	12° 9	17°24	n.a.	F 16
S 17	21 35 13	22°34'11	10♈31	29♌59	29°31	21°40	8°57	5°28	25°12	22°50	25°53	13°32	12° 6	17°31	n.a.	S 17
S 18	21 39 10	23°35'10	24° 1	28°46	29°20	22°15	9° 8	5°23	25°10	22°49	25°55	13°27	12° 3	17°38	n.a.	S 18
M19	21 43 6	24°36'10	7♉ 4	27°27	29°12	22°51	9°19	5°18	25° 8	22°49	25°57	13°23	11°59	17°44	n.a.	M19
T 20	21 47 3	25°37'13	19°42	26° 6	29° 6	23°26	9°30	5°14	25° 6	22°48	25°59	13°21	11°56	17°51	n.a.	T 20
W21	21 50 59	26°38'17	2♊ 0	24°44	29° 3	24° 0	9°41	5° 9	25° 3	22°47	26° 2	13°D21	11°53	17°58	n.a.	W21
T 22	21 54 56	27°39'22	14° 2	23°25	29°D 2	24°35	9°52	5° 5	25° 1	22°46	26° 4	13°23	11°50	18° 4	n.a.	T 22
F 23	21 58 53	28°40'29	25°54	22°11	29° 3	25°10	10° 3	5° 1	24°59	22°46	26° 6	13°24	11°47	18°11	n.a.	F 23
S 24	22 2 49	29°41'38	7♋41	21° 5	29° 7	25°45	10°14	4°56	24°57	22°45	26° 8	13°R25	11°44	18°17	n.a.	S 24
S 25	22 6 46	0♍42'48	19°27	20° 8	29°13	26°20	10°24	4°52	24°55	22°44	26°10	13°25	11°40	18°24	n.a.	S 25
M26	22 10 42	1°43'59	1♌17	19°21	29°22	26°54	10°35	4°48	24°52	22°43	26°12	13°23	11°37	18°31	n.a.	M26
T 27	22 14 39	2°45'11	13°13	18°46	29°33	27°29	10°45	4°44	24°50	22°42	26°14	13°19	11°34	18°37	n.a.	T 27
W28	22 18 35	3°46'24	25°19	18°22	29°46	28° 3	10°55	4°40	24°48	22°41	26°16	13°12	11°31	18°44	n.a.	W28
T 29	22 22 32	4°47'39	7♍36	18°10	0♌ 1	28°38	11° 6	4°36	24°45	22°40	26°18	13° 4	11°28	18°51	n.a.	T 29
F 30	22 26 28	5♍48'54	20♍ 4	18°D 9	0♌18	29♊12	11♋16	4♒32	24♓43	22♈39	26♋20	12♑53	11♑25	18♋57	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n12	8n52	3s41	9n20	2s42	10n36	8s45	23n56	1n 3	25n 7	1n 8	21s46	2s45	2s24	0s41	7n41	1s36	38n 5	16n45	23s21	23s28	22n54		n.a.
F 2	18 57	3 42	4 23	8 58	2 46	10 49	8 41	24 2	1 4	25 6	1 8	21 47	2 45	2 24	0 41	7 41	1 36	38 5	16 45	23 21	23 28	22 53		n.a.
S 3	18 41	1s40	4 54	8 38	2 49	11 2	8 37	24 7	1 5	25 6	1 8	21 49	2 45	2 25	0 41	7 40	1 36	38 5	16 45	23 21	23 29	22 51		n.a.
S 4	18 24	7 4	5 11	8 20	2 51	11 16	8 31	24 13	1 6	25 5	1 8	21 50	2 45	2 25	0 41	7 40	1 36	38 4	16 46	23 22	23 29	22 49		n.a.
M 5	18 8	12 16	5 13	8 4	2 53	11 31	8 24	24 18	1 6	25 5	1 8	21 51	2 45	2 26	0 41	7 40	1 37	38 4	16 46	23 22	23 29	22 48		n.a.
T 6	17 50	17 2	4 59	7 52	2 54	11 46	8 17	24 23	1 7	25 5	1 9	21 53	2 45	2 27	0 41	7 40	1 37	38 4	16 46	23 22	23 30	22 46		n.a.
W 7	17 33	21 5	4 29	7 42	2 54	12 2	8 9	24 28	1 8	25 4	1 9	21 54	2 45	2 27	0 41	7 40	1 37	38 3	16 46	23 22	23 30	22 44		n.a.
T 8	17 15	24 5	3 42	7 37	2 53	12 18	7 59	24 32	1 9	25 4	1 9	21 55	2 45	2 28	0 41	7 40	1 37	38 3	16 46	23 22	23 30	22 43		n.a.
F 9	16 57	25 40	2 41	7 35	2 51	12 34	7 50	24 37	1 10	25 3	1 9	21 56	2 45	2 29	0 41	7 40	1 37	38 3	16 46	23 22	23 30	22 41		n.a.
S 10	16 39	25 34	1 29	7 38	2 47	12 51	7 39	24 41	1 10	25 3	1 9	21 58	2 45	2 30	0 41	7 39	1 37	38 2	16 47	23 22	23 31	22 39		n.a.
S 11	16 20	23 41	0 9	7 45	2 42	13 7	7 28	24 45	1 11	25 2	1 9	21 59	2 45	2 30	0 41	7 39	1 37	38 2	16 47	23 22	23 31	22 37		n.a.
M12	16 1	20 6	1n12	7 58	2 35	13 24	7 16	24 49	1 12	25 2	1 10	22 0	2 45	2 31	0 41	7 39	1 37	38 2	16 47	23 22	23 31	22 36		n.a.
T 13	15 42	15 11	2 29	8 16	2 26	13 41	7 4	24 53	1 13	25 1	1 10	22 1	2 45	2 32	0 41	7 39	1 37	38 2	16 47	23 22	23 32	22 34		n.a.
W14	15 23	9 23	3 35	8 39	2 15	13 57	6 52	24 57	1 14	25 0	1 10	22 3	2 45	2 33	0 41	7 38	1 37	38 1	16 48	23 23	23 32	22 32		n.a.
T 15	15 3	3 8	4 25	9 8	2 3	14 14	6 39	25 0	1 15	25 0	1 10	22 4	2 45	2 34	0 41	7 38	1 37	38 1	16 48	23 23	23 32	22 30		n.a.
F 16	14 43	3n 6	4 57	9 42	1 49	14 30	6 25	25 4	1 16	24 59	1 10	22 5	2 45	2 34	0 41	7 38	1 37	38 1	16 48	23 24	23 33	22 29		n.a.
S 17	14 23	9 0	5 10	10 21	1 33	14 46	6 12	25 7	1 16	24 59	1 11	22 6	2 45	2 35	0 41	7 38	1 37	38 1	16 48	23 24	23 33	22 27		n.a.
S 18	14 2	14 17	5 6	11 4	1 15	15 2	5 58	25 10	1 17	24 58	1 11	22 7	2 45	2 36	0 41	7 37	1 37	38 0	16 49	23 25	23 33	22 25		n.a.
M19	13 41	18 43	4 45	11 50	0 56	15 17	5 45	25 13	1 18	24 58	1 11	22 8	2 45	2 37	0 41	7 37	1 37	38 0	16 49	23 25	23 33	22 23		n.a.
T 20	13 20	22 10	4 11	12 37	0 36	15 32	5 31	25 16	1 19	24 57	1 11	22 9	2 45	2 38	0 41	7 37	1 37	38 0	16 49	23 25	23 34	22 22		n.a.
W21	12 59	24 30	3 26	13 24	0 15	15 46	5 17	25 18	1 20	24 56	1 11	22 10	2 45	2 39	0 41	7 36	1 37	38 0	16 49	23 25	23 34	22 20		n.a.
T 22	12 38	25 39	2 33	14 10	0n 5	16 0	5 3	25 21	1 21	24 56	1 12	22 11	2 45	2 40	0 41	7 36	1 37	38 0	16 50	23 25	23 34	22 18		n.a.
F 23	12 16	25 37	1 34	14 54	0 25	16 13	4 49	25 23	1 22	24 55	1 12	22 12	2 45	2 40	0 41	7 36	1 37	37 59	16 50	23 25	23 35	22 16		n.a.
S 24	11 54	24 24	0 31	15 34	0 44	16 26	4 35	25 25	1 23	24 54	1 12	22 13	2 44	2 41	0 41	7 35	1 37	37 59	16 50	23 25	23 35	22 15		n.a.
S 25	11 32	22 7	0s33	16 9	1 2	16 38	4 21	25 27	1 23	24 54	1 12	22 14	2 44	2 42	0 41	7 35	1 37	37 59	16 51	23 25	23 35	22 13		n.a.
M26	11 9	18 54	1 35	16 40	1 18	16 50	4 7	25 29	1 24	24 53	1 13	22 15	2 44	2 43	0 41	7 35	1 37	37 59	16 51	23 25	23 36	22 11		n.a.
T 27	10 47	14 52	2 34	17 5	1 32	17 1	3 54	25 31	1 25	24 53	1 13	22 16	2 44	2 44	0 41	7 34	1 37	37 59	16 51	23 26	23 36	22 9		n.a.
W28	10 24	10 13	3 26	17 25	1 45	17 11	3 41	25 32	1 26	24 52	1 13	22 17	2 44	2 45	0 41	7 34	1 37	37 59	16 52	23 26	23 36	22 7		n.a.
T 29	10 1	5 7	4 10	17 39	1 56	17 21	3 27	25 34	1 27	24 51	1 13	22 18	2 44	2 46	0 41	7 33	1 37	37 59	16 52	23 27	23 36	22 6		n.a.
F 30	9n38	0s15	4s42	17n48	2n 5	17n30	3s14	25n35	1n28	24n51	1n13	22s19	2s44	2s47	0s41	7n33	1s37	37n59	16n52	23s28	23s37	22n 4		n.a.

Julian Day Number = 191634.5, Delta T = 32h26m53s
Ecliptic obliquity = 24°06'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'44, Lahiri = -61°29'44 Julian Calendar 1 Sept. 4189 BCE == Greg. Calendar 30 July 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

OCTOBER 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 30 25	6♍50'10	2♎44	18♌18	0♌38	29♊46	11♋26	4°R28	24°R41	22°R38	26♋22	12°R43	11♑21	19♋ 4	n.a.	S 1
S 2	22 34 22	7°51'27	15°36	18°37	0°59	0♋21	11°35	4♒25	24♓38	22♈37	26°24	12♑33	11°18	19°11	n.a.	S 2
M 3	22 38 18	8°52'45	28°40	19° 4	1°22	0°55	11°45	4°21	24°36	22°36	26°26	12°25	11°15	19°17	n.a.	M 3
T 4	22 42 15	9°54'03	11♏56	19°39	1°47	1°29	11°55	4°17	24°33	22°35	26°28	12°19	11°12	19°24	n.a.	T 4
W 5	22 46 11	10°55'22	25°24	20°22	2°14	2° 3	12° 5	4°14	24°31	22°33	26°30	12°15	11° 9	19°31	n.a.	W 5
T 6	22 50 8	11°56'41	9♐ 6	21°10	2°42	2°37	12°14	4°10	24°28	22°32	26°32	12°D14	11° 5	19°37	n.a.	T 6
F 7	22 54 4	12°58'00	23° 2	22° 4	3°12	3°11	12°23	4° 7	24°26	22°31	26°33	12°14	11° 2	19°44	n.a.	F 7
S 8	22 58 1	13°59'20	7♑13	23° 3	3°44	3°45	12°33	4° 4	24°23	22°30	26°35	12°R15	10°59	19°51	n.a.	S 8
S 9	23 1 58	15° 0'41	21°36	24° 6	4°17	4°18	12°42	4° 1	24°21	22°28	26°37	12°15	10°56	19°57	n.a.	S 9
M10	23 5 54	16° 2'01	6♒11	25°12	4°51	4°52	12°51	3°58	24°18	22°27	26°39	12°12	10°53	20° 4	n.a.	M10
T 11	23 9 51	17° 3'22	20°51	26°22	5°27	5°25	13° 0	3°55	24°16	22°26	26°41	12° 7	10°50	20°10	n.a.	T 11
W12	23 13 47	18° 4'43	5♓31	27°35	6° 5	5°59	13° 8	3°52	24°13	22°25	26°42	12° 0	10°46	20°17	n.a.	W12
T 13	23 17 44	19° 6'04	20° 4	28°49	6°43	6°32	13°17	3°49	24°11	22°23	26°44	11°50	10°43	20°24	n.a.	T 13
F 14	23 21 40	20° 7'26	4♈22	0♍ 6	7°23	7° 6	13°26	3°47	24° 8	22°22	26°46	11°38	10°40	20°30	n.a.	F 14
S 15	23 25 37	21° 8'48	18°18	1°25	8° 4	7°39	13°34	3°44	24° 5	22°20	26°47	11°27	10°37	20°37	n.a.	S 15
S 16	23 29 33	22°10'10	1♉51	2°46	8°47	8°12	13°42	3°42	24° 3	22°19	26°49	11°16	10°34	20°44	n.a.	S 16
M17	23 33 30	23°11'33	14°57	4° 7	9°30	8°45	13°51	3°39	24° 0	22°18	26°50	11° 8	10°30	20°50	n.a.	M17
T 18	23 37 27	24°12'57	27°39	5°30	10°15	9°18	13°59	3°37	23°58	22°16	26°52	11° 3	10°27	20°57	n.a.	T 18
W19	23 41 23	25°14'21	10♊ 0	6°54	11° 0	9°51	14° 6	3°35	23°55	22°15	26°53	10°59	10°24	21° 4	n.a.	W19
T 20	23 45 20	26°15'45	22° 5	8°19	11°47	10°23	14°14	3°33	23°53	22°13	26°55	10°D58	10°21	21°10	n.a.	T 20
F 21	23 49 16	27°17'10	3♋58	9°45	12°35	10°56	14°22	3°31	23°50	22°12	26°56	10°58	10°18	21°17	n.a.	F 21
S 22	23 53 13	28°18'35	15°45	11°12	13°23	11°29	14°29	3°29	23°47	22°10	26°58	10°R58	10°15	21°24	n.a.	S 22
S 23	23 57 10	29°20'01	27°32	12°39	14°12	12° 1	14°37	3°28	23°45	22° 9	26°59	10°57	10°11	21°30	n.a.	S 23
M24	0 1 6	0♎21'26	9♌25	14° 7	15° 3	12°33	14°44	3°26	23°42	22° 7	27° 1	10°54	10° 8	21°37	n.a.	M24
T 25	0 5 3	1°22'51	21°26	15°35	15°54	13° 6	14°51	3°25	23°40	22° 6	27° 2	10°48	10° 5	21°44	n.a.	T 25
W26	0 8 59	2°24'17	3♍41	17° 4	16°45	13°38	14°58	3°23	23°37	22° 4	27° 3	10°39	10° 2	21°50	n.a.	W26
T 27	0 12 56	3°25'42	16°11	18°33	17°38	14°10	15° 5	3°22	23°35	22° 2	27° 4	10°27	9°59	21°57	n.a.	T 27
F 28	0 16 52	4°27'08	28°56	20° 3	18°31	14°42	15°11	3°21	23°32	22° 1	27° 6	10°14	9°56	22° 3	n.a.	F 28
S 29	0 20 49	5°28'33	11♎57	21°33	19°25	15°14	15°18	3°20	23°30	21°59	27° 7	10° 0	9°52	22°10	n.a.	S 29
S 30	0 24 46	6°29'58	25°13	23° 4	20°20	15°45	15°24	3°19	23°27	21°58	27° 8	9°46	9°49	22°17	n.a.	S 30
M31	0 28 42	7♎31'22	8♏40	24♍35	21♌15	16♋17	15♋30	3♒18	23♓25	21♈56	27♋ 9	9♑35	9♑46	22♋23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n15	5s41	5s 1	17n52	2n12	17n38	3s 2	25n36	1n29	24n50	1n14	22s20	2s44	2s48	0s41	7n33	1s38	37n58	16n53	23s29	23s37	22n 2		n.a.
S 2	8 51	10 58	5 5	17 51	2 18	17 46	2 49	25 37	1 30	24 49	1 14	22 20	2 43	2 49	0 41	7 32	1 38	37 58	16 53	23 30	23 37	22 0		n.a.
M 3	8 28	15 51	4 53	17 47	2 23	17 53	2 37	25 38	1 31	24 49	1 14	22 21	2 43	2 50	0 41	7 32	1 38	37 58	16 53	23 31	23 37	21 58		n.a.
T 4	8 4	20 3	4 26	17 38	2 26	17 59	2 24	25 38	1 32	24 48	1 14	22 22	2 43	2 51	0 41	7 31	1 38	37 58	16 54	23 32	23 38	21 56		n.a.
W 5	7 40	23 16	3 43	17 26	2 28	18 4	2 13	25 39	1 33	24 47	1 15	22 23	2 43	2 52	0 41	7 31	1 38	37 58	16 54	23 32	23 38	21 55		n.a.
T 6	7 16	25 12	2 48	17 11	2 29	18 9	2 1	25 39	1 34	24 47	1 15	22 23	2 43	2 53	0 41	7 30	1 38	37 58	16 55	23 32	23 38	21 53		n.a.
F 7	6 52	25 36	1 41	16 53	2 28	18 13	1 49	25 39	1 35	24 46	1 15	22 24	2 43	2 54	0 41	7 30	1 38	37 58	16 55	23 32	23 39	21 51		n.a.
S 8	6 28	24 22	0 27	16 32	2 27	18 16	1 38	25 39	1 36	24 45	1 15	22 25	2 42	2 55	0 41	7 29	1 38	37 58	16 55	23 32	23 39	21 49		n.a.
S 9	6 4	21 30	0n50	16 9	2 26	18 19	1 27	25 39	1 37	24 45	1 16	22 25	2 42	2 56	0 41	7 29	1 38	37 58	16 56	23 32	23 39	21 47		n.a.
M10	5 40	17 16	2 4	15 43	2 23	18 21	1 17	25 39	1 38	24 44	1 16	22 26	2 42	2 57	0 41	7 28	1 38	37 58	16 56	23 32	23 39	21 45		n.a.
T 11	5 15	11 57	3 10	15 16	2 20	18 22	1 6	25 39	1 39	24 44	1 16	22 26	2 42	2 58	0 41	7 28	1 38	37 58	16 57	23 33	23 40	21 43		n.a.
W12	4 50	5 59	4 4	14 47	2 17	18 22	0 56	25 38	1 40	24 43	1 17	22 27	2 42	2 59	0 41	7 27	1 38	37 58	16 57	23 33	23 40	21 42		n.a.
T 13	4 26	0n15	4 41	14 17	2 13	18 22	0 47	25 38	1 41	24 42	1 17	22 27	2 42	3 0	0 41	7 27	1 38	37 58	16 58	23 34	23 40	21 40		n.a.
F 14	4 1	6 21	5 0	13 44	2 8	18 21	0 37	25 37	1 42	24 42	1 17	22 28	2 41	3 1	0 41	7 26	1 38	37 59	16 58	23 35	23 40	21 38		n.a.
S 15	3 36	11 58	5 0	13 11	2 3	18 19	0 28	25 36	1 43	24 41	1 17	22 28	2 41	3 2	0 41	7 26	1 38	37 59	16 59	23 36	23 41	21 36		n.a.
S 16	3 11	16 52	4 43	12 37	1 58	18 17	0 19	25 35	1 44	24 40	1 18	22 29	2 41	3 3	0 41	7 25	1 38	37 59	16 59	23 37	23 41	21 34		n.a.
M17	2 47	20 47	4 12	12 1	1 53	18 13	0 10	25 34	1 45	24 40	1 18	22 29	2 41	3 4	0 41	7 25	1 38	37 59	17 0	23 38	23 41	21 32		n.a.
T 18	2 22	23 35	3 29	11 24	1 47	18 9	0 1	25 32	1 46	24 39	1 18	22 29	2 41	3 5	0 41	7 24	1 38	37 59	17 0	23 39	23 41	21 30		n.a.
W19	1 57	25 10	2 37	10 47	1 41	18 4	0n 7	25 31	1 47	24 39	1 18	22 30	2 40	3 6	0 41	7 23	1 38	37 59	17 1	23 39	23 42	21 28		n.a.
T 20	1 32	25 31	1 39	10 9	1 35	17 59	0 15	25 29	1 48	24 38	1 19	22 30	2 40	3 8	0 41	7 23	1 38	37 59	17 1	23 39	23 42	21 26		n.a.
F 21	1 6	24 40	0 37	9 30	1 29	17 53	0 23	25 28	1 49	24 38	1 19	22 30	2 40	3 9	0 41	7 22	1 38	37 59	17 2	23 39	23 42	21 25		n.a.
S 22	0 41	22 44	0s25	8 50	1 23	17 46	0 31	25 26	1 50	24 37	1 19	22 30	2 40	3 10	0 41	7 22	1 38	38 0	17 2	23 39	23 43	21 23		n.a.
S 23	0 16	19 50	1 27	8 10	1 16	17 38	0 38	25 24	1 51	24 36	1 20	22 31	2 39	3 11	0 41	7 21	1 38	38 0	17 3	23 39	23 43	21 21		n.a.
M24	0s 9	16 5	2 25	7 29	1 10	17 30	0 45	25 22	1 52	24 36	1 20	22 31	2 39	3 12	0 41	7 20	1 38	38 0	17 3	23 39	23 43	21 19		n.a.
T 25	0 34	11 39	3 17	6 48	1 3	17 21	0 52	25 20	1 53	24 35	1 20	22 31	2 39	3 13	0 41	7 20	1 38	38 0	17 4	23 40	23 43	21 17		n.a.
W26	0 59	6 43	4 1	6 7	0 56	17 11	0 59	25 18	1 54	24 35	1 21	22 31	2 39	3 14	0 41	7 19	1 38	38 0	17 4	23 41	23 44	21 15		n.a.
T 27	1 24	1 25	4 34	5 24	0 50	17 1	1 5	25 15	1 56	24 34	1 21	22 31	2 39	3 15	0 41	7 19	1 38	38 1	17 5	23 41	23 44	21 13		n.a.
F 28	1 49	4s 2	4 54	4 42	0 43	16 49	1 11	25 13	1 57	24 34	1 21	22 31	2 38	3 16	0 41	7 18	1 38	38 1	17 5	23 43	23 44	21 11		n.a.
S 29	2 14	9 26	5 0	3 59	0 36	16 38	1 17	25 10	1 58	24 34	1 21	22 31	2 38	3 17	0 41	7 17	1 38	38 1	17 6	23 44	23 44	21 9		n.a.
S 30	2 39	14 29	4 49	3 17	0 29	16 25	1 23	25 7	1 59	24 33	1 22	22 31	2 38	3 18	0 41	7 17	1 38	38 1	17 6	23 45	23 44	21 7		n.a.
M31	3s 4	18s55	4s23	2n33	0n23	16n12	1n28	25n 5	2n 0	24n33	1n22	22s31	2s38	3s19	0s41	7n16	1s38	38n 2	17n 7	23s46	23s45	21n 5		n.a.

Julian Day Number = 191664.5, Delta T = 32h26m50s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'40, Lahiri = -61°29'40 Julian Calendar 1 Oct. 4189 BCE == Greg. Calendar 29 Aug. 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

NOVEMBER 4189 BCE (-4188) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 32 39	8♎32'46	22♏17	26♍ 6	22♌11	16♋48	15♋36	3°R18	23°R22	21°R54	27♋10	9°R26	9♉43	22♋30	n.a.	T 1
W 2	0 36 35	9°34'09	6♐ 2	27°38	23° 7	17°19	15°42	3♒17	23♓20	21♈53	27°11	9♉20	9°40	22°37	n.a.	W 2
T 3	0 40 32	10°35'32	19°54	29°10	24° 4	17°51	15°48	3°17	23°17	21°51	27°12	9°18	9°36	22°43	n.a.	T 3
F 4	0 44 28	11°36'53	3♑51	0♎42	25° 2	18°22	15°53	3°16	23°15	21°49	27°13	9°17	9°33	22°50	n.a.	F 4
S 5	0 48 25	12°38'14	17°54	2°15	26° 0	18°52	15°59	3°16	23°13	21°48	27°14	9°17	9°30	22°57	n.a.	S 5
S 6	0 52 22	13°39'34	2♒ 1	3°49	26°59	19°23	16° 4	3°D16	23°10	21°46	27°15	9°16	9°27	23° 3	n.a.	S 6
M 7	0 56 18	14°40'53	16°13	5°22	27°58	19°54	16° 9	3°16	23° 8	21°44	27°16	9°13	9°24	23°10	n.a.	M 7
T 8	1 0 15	15°42'11	0♓26	6°56	28°57	20°24	16°14	3°16	23° 6	21°43	27°17	9° 8	9°21	23°17	n.a.	T 8
W 9	1 4 11	16°43'28	14°38	8°31	29°57	20°55	16°19	3°16	23° 3	21°41	27°18	8°59	9°17	23°23	n.a.	W 9
T 10	1 8 8	17°44'44	28°44	10° 6	0♏58	21°25	16°23	3°17	23° 1	21°39	27°19	8°48	9°14	23°30	n.a.	T 10
F 11	1 12 4	18°45'59	12♈40	11°41	1°59	21°55	16°28	3°17	22°59	21°38	27°19	8°35	9°11	23°37	n.a.	F 11
S 12	1 16 1	19°47'13	26°20	13°17	3° 0	22°25	16°32	3°18	22°56	21°36	27°20	8°23	9° 8	23°43	n.a.	S 12
S 13	1 19 58	20°48'27	9♉41	14°53	4° 1	22°54	16°36	3°19	22°54	21°34	27°21	8°11	9° 5	23°50	n.a.	S 13
M14	1 23 54	21°49'39	22°42	16°30	5° 4	23°24	16°40	3°20	22°52	21°32	27°22	8° 1	9° 2	23°57	n.a.	M14
T 15	1 27 51	22°50'51	5♊22	18° 8	6° 6	23°53	16°43	3°21	22°50	21°31	27°22	7°54	8°58	24° 3	n.a.	T 15
W16	1 31 47	23°52'02	17°43	19°45	7° 9	24°22	16°47	3°22	22°48	21°29	27°23	7°50	8°55	24°10	n.a.	W16
T 17	1 35 44	24°53'13	29°49	21°24	8°12	24°52	16°50	3°23	22°46	21°27	27°23	7°48	8°52	24°16	n.a.	T 17
F 18	1 39 41	25°54'22	11♋43	23° 3	9°15	25°20	16°53	3°24	22°44	21°26	27°24	7°D48	8°49	24°23	n.a.	F 18
S 19	1 43 37	26°55'30	23°32	24°43	10°19	25°49	16°56	3°26	22°42	21°24	27°24	7°R48	8°46	24°30	n.a.	S 19
S 20	1 47 34	27°56'38	5♌20	26°23	11°23	26°18	16°59	3°27	22°40	21°22	27°25	7°48	8°42	24°36	n.a.	S 20
M21	1 51 30	28°57'45	17°14	28° 3	12°27	26°46	17° 2	3°29	22°38	21°21	27°25	7°46	8°39	24°43	n.a.	M21
T 22	1 55 27	29°58'50	29°17	29°45	13°32	27°14	17° 4	3°31	22°36	21°19	27°25	7°42	8°36	24°50	n.a.	T 22
W23	1 59 23	0♏59'55	11♍36	1♏27	14°37	27°42	17° 6	3°32	22°34	21°17	27°26	7°35	8°33	24°56	n.a.	W23
T 24	2 3 20	2° 0'58	24°13	3° 9	15°42	28°10	17° 8	3°34	22°32	21°16	27°26	7°26	8°30	25° 3	n.a.	T 24
F 25	2 7 17	3° 2'01	7♎11	4°53	16°48	28°37	17°10	3°37	22°30	21°14	27°26	7°15	8°27	25°10	n.a.	F 25
S 26	2 11 13	4° 3'02	20°29	6°37	17°53	29° 5	17°12	3°39	22°29	21°12	27°27	7° 4	8°23	25°16	n.a.	S 26
S 27	2 15 10	5° 4'02	4♏ 6	8°21	18°59	29°32	17°13	3°41	22°27	21°11	27°27	6°53	8°20	25°23	n.a.	S 27
M28	2 19 6	6° 5'00	17°58	10° 6	20° 5	29°58	17°15	3°44	22°25	21° 9	27°27	6°43	8°17	25°30	n.a.	M28
T 29	2 23 3	7° 5'57	2♐ 3	11°52	21°11	0♌25	17°16	3°46	22°24	21° 7	27°27	6°36	8°14	25°36	n.a.	T 29
W30	2 26 59	8♏ 6'52	16♐14	13♏38	22♍18	0♌51	17♋17	3♒49	22♓22	21♈ 6	27♋27	6♉32	8♉11	25♋43	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s29	22 s24	3 s41	1n50	0n16	15n59	1n34	25n 2	2n 1	24n32	1n22	22 s31	2 s37	3 s20	0 s41	7n16	1 s38	38n 2	17n 7	23 s46	23 s45	21n 3		n.a.
W 2	3 54	24 39	2 46	1 6	0 9	15 44	1 39	24 59	2 2	24 32	1 23	22 31	2 37	3 21	0 41	7 15	1 38	38 2	17 8	23 47	23 45	21 1		n.a.
T 3	4 18	25 23	1 41	0 23	0 2	15 30	1 44	24 56	2 4	24 31	1 23	22 31	2 37	3 22	0 41	7 14	1 38	38 3	17 8	23 47	23 45	20 59		n.a.
F 4	4 43	24 32	0 29	0 s21	0 s 4	15 14	1 48	24 53	2 5	24 31	1 23	22 30	2 37	3 23	0 41	7 14	1 38	38 3	17 9	23 47	23 46	20 57		n.a.
S 5	5 8	22 8	0n45	1 5	0 11	14 58	1 53	24 49	2 6	24 31	1 24	22 30	2 36	3 24	0 41	7 13	1 38	38 3	17 10	23 47	23 46	20 55		n.a.
S 6	5 32	18 22	1 57	1 49	0 17	14 41	1 57	24 46	2 7	24 30	1 24	22 30	2 36	3 24	0 41	7 12	1 38	38 4	17 10	23 47	23 46	20 53		n.a.
M 7	5 57	13 32	3 2	2 33	0 24	14 24	2 1	24 43	2 8	24 30	1 24	22 30	2 36	3 25	0 41	7 12	1 38	38 4	17 11	23 47	23 46	20 51		n.a.
T 8	6 21	7 58	3 55	3 17	0 30	14 6	2 5	24 39	2 10	24 30	1 25	22 30	2 36	3 26	0 41	7 11	1 38	38 4	17 11	23 48	23 47	20 49		n.a.
W 9	6 45	2 1	4 34	4 1	0 36	13 48	2 9	24 36	2 11	24 30	1 25	22 29	2 35	3 27	0 41	7 10	1 38	38 5	17 12	23 48	23 47	20 47		n.a.
T 10	7 9	3n59	4 56	4 45	0 42	13 29	2 12	24 32	2 12	24 29	1 25	22 29	2 35	3 28	0 41	7 10	1 38	38 5	17 12	23 49	23 47	20 45		n.a.
F 11	7 33	9 43	5 0	5 29	0 48	13 10	2 15	24 28	2 13	24 29	1 26	22 28	2 35	3 29	0 41	7 9	1 38	38 5	17 13	23 50	23 47	20 43		n.a.
S 12	7 57	14 52	4 46	6 12	0 54	12 50	2 18	24 24	2 15	24 29	1 26	22 28	2 35	3 30	0 41	7 8	1 38	38 6	17 14	23 51	23 48	20 41		n.a.
S 13	8 21	19 10	4 17	6 56	0 59	12 30	2 21	24 20	2 16	24 29	1 26	22 28	2 34	3 31	0 41	7 8	1 38	38 6	17 14	23 51	23 48	20 39		n.a.
M14	8 44	22 25	3 35	7 39	1 5	12 9	2 24	24 16	2 17	24 29	1 27	22 27	2 34	3 32	0 41	7 7	1 38	38 7	17 15	23 52	23 48	20 37		n.a.
T 15	9 8	24 28	2 43	8 22	1 10	11 47	2 27	24 12	2 18	24 28	1 27	22 27	2 34	3 33	0 41	7 7	1 38	38 7	17 15	23 52	23 48	20 35		n.a.
W16	9 31	25 16	1 45	9 5	1 15	11 26	2 29	24 8	2 20	24 28	1 27	22 26	2 33	3 33	0 41	7 6	1 38	38 8	17 16	23 53	23 48	20 33		n.a.
T 17	9 54	24 49	0 42	9 48	1 20	11 3	2 31	24 4	2 21	24 28	1 28	22 26	2 33	3 34	0 41	7 5	1 38	38 8	17 17	23 53	23 49	20 31		n.a.
F 18	10 17	23 14	0 s21	10 30	1 24	10 41	2 33	24 0	2 22	24 28	1 28	22 25	2 33	3 35	0 41	7 5	1 38	38 8	17 17	23 53	23 49	20 29		n.a.
S 19	10 40	20 39	1 23	11 12	1 29	10 18	2 35	23 56	2 24	24 28	1 28	22 25	2 33	3 36	0 41	7 4	1 38	38 9	17 18	23 53	23 49	20 27		n.a.
S 20	11 2	17 12	2 21	11 54	1 33	9 54	2 37	23 52	2 25	24 28	1 29	22 24	2 32	3 37	0 41	7 3	1 38	38 9	17 18	23 53	23 49	20 25		n.a.
M21	11 25	13 2	3 14	12 35	1 37	9 30	2 39	23 47	2 26	24 28	1 29	22 23	2 32	3 37	0 41	7 3	1 38	38 10	17 19	23 53	23 49	20 23		n.a.
T 22	11 47	8 20	3 58	13 15	1 40	9 6	2 40	23 43	2 28	24 28	1 29	22 23	2 32	3 38	0 41	7 2	1 38	38 10	17 20	23 53	23 50	20 21		n.a.
W23	12 9	3 13	4 33	13 55	1 44	8 41	2 41	23 39	2 29	24 28	1 30	22 22	2 32	3 39	0 40	7 1	1 38	38 11	17 20	23 54	23 50	20 19		n.a.
T 24	12 31	2 s 8	4 55	14 35	1 47	8 16	2 42	23 34	2 31	24 28	1 30	22 21	2 31	3 40	0 40	7 1	1 38	38 11	17 21	23 54	23 50	20 17		n.a.
F 25	12 52	7 33	5 3	15 13	1 49	7 51	2 43	23 30	2 32	24 28	1 31	22 20	2 31	3 40	0 40	7 0	1 38	38 12	17 21	23 55	23 50	20 15		n.a.
S 26	13 13	12 45	4 55	15 51	1 51	7 25	2 44	23 25	2 33	24 29	1 31	22 20	2 31	3 41	0 40	7 0	1 38	38 12	17 22	23 55	23 51	20 13		n.a.
S 27	13 35	17 27	4 30	16 28	1 53	6 59	2 45	23 21	2 35	24 29	1 31	22 19	2 31	3 42	0 40	6 59	1 38	38 13	17 23	23 56	23 51	20 11		n.a.
M28	13 55	21 19	3 49	17 4	1 55	6 33	2 45	23 16	2 36	24 29	1 32	22 18	2 30	3 42	0 40	6 58	1 38	38 13	17 23	23 56	23 51	20 9		n.a.
T 29	14 16	23 59	2 53	17 39	1 56	6 7	2 46	23 12	2 38	24 29	1 32	22 17	2 30	3 43	0 40	6 58	1 38	38 14	17 24	23 57	23 51	20 7		n.a.
W30	14 s36	25 s 9	1 s46	18 s13	1 s56	5n40	2n46	23n 7	2n39	24n29	1n32	22 s16	2 s30	3 s43	0 s40	6n57	1 s38	38n15	17n24	23 s57	23 s51	20n 4		n.a.

Julian Day Number = 191695.5, Delta T = 32h26m47s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'36, Lahiri = -61°29'36 Julian Calendar 1 Nov. 4189 BCE == Greg. Calendar 29 Sept. 4189 BCE

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ASTRODIENST EPHEMERIS for the year 4189 BCE
geocentric

DECEMBER 4189 BCE (-4188) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 30 56	9♏ 7'46	0♉28	15♏24	23♍25	1♌18	17♋17	3♒52	22°R21	21°R 4	27♋27	6°D30	8♉ 7	25♋50	n.a.	T 1
F 2	2 34 53	10° 8'38	14°42	17°11	24°32	1°44	17°18	3°54	22♓19	21♈ 2	27°R27	6♉30	8° 4	25°56	n.a.	F 2
S 3	2 38 49	11° 9'28	28°53	18°59	25°39	2° 9	17°18	3°57	22°18	21° 1	27°27	6°31	8° 1	26° 3	n.a.	S 3
S 4	2 42 46	12°10'15	12♒59	20°46	26°46	2°35	17°R18	4° 0	22°16	20°59	27°27	6°R31	7°58	26°10	n.a.	S 4
M 5	2 46 42	13°11'01	27° 0	22°34	27°53	3° 0	17°18	4° 4	22°15	20°58	27°27	6°30	7°55	26°16	n.a.	M 5
T 6	2 50 39	14°11'45	10♓55	24°21	29° 1	3°25	17°18	4° 7	22°13	20°56	27°27	6°27	7°52	26°23	n.a.	T 6
W 7	2 54 35	15°12'27	24°43	26° 9	0♎ 8	3°49	17°18	4°10	22°12	20°55	27°27	6°22	7°48	26°30	n.a.	W 7
T 8	2 58 32	16°13'07	8♈22	27°55	1°16	4°14	17°17	4°14	22°11	20°53	27°27	6°15	7°45	26°36	n.a.	T 8
F 9	3 2 29	17°13'45	21°50	29°42	2°24	4°38	17°16	4°17	22°10	20°52	27°26	6° 6	7°42	26°43	n.a.	F 9
S 10	3 6 25	18°14'21	5♉ 5	1♐27	3°32	5° 1	17°15	4°21	22° 9	20°50	27°26	5°57	7°39	26°50	n.a.	S 10
S 11	3 10 22	19°14'55	18° 5	3°10	4°41	5°25	17°14	4°25	22° 8	20°49	27°26	5°49	7°36	26°56	n.a.	S 11
M12	3 14 18	20°15'27	0♊50	4°53	5°49	5°48	17°12	4°29	22° 6	20°47	27°25	5°42	7°33	27° 3	n.a.	M12
T 13	3 18 15	21°15'58	13°20	6°32	6°58	6°11	17°11	4°33	22° 6	20°46	27°25	5°38	7°29	27° 9	n.a.	T 13
W14	3 22 11	22°16'27	25°35	8°10	8° 6	6°34	17° 9	4°37	22° 5	20°44	27°25	5°35	7°26	27°16	n.a.	W14
T 15	3 26 8	23°16'54	7♋38	9°44	9°15	6°56	17° 7	4°41	22° 4	20°43	27°24	5°D35	7°23	27°23	n.a.	T 15
F 16	3 30 4	24°17'19	19°32	11°14	10°24	7°18	17° 5	4°45	22° 3	20°42	27°24	5°36	7°20	27°29	n.a.	F 16
S 17	3 34 1	25°17'43	1♌21	12°40	11°33	7°39	17° 3	4°50	22° 2	20°40	27°23	5°37	7°17	27°36	n.a.	S 17
S 18	3 37 58	26°18'04	13°10	14° 1	12°42	8° 1	17° 0	4°54	22° 1	20°39	27°23	5°39	7°13	27°43	n.a.	S 18
M19	3 41 54	27°18'24	25° 3	15°16	13°52	8°22	16°57	4°59	22° 1	20°38	27°22	5°R40	7°10	27°49	n.a.	M19
T 20	3 45 51	28°18'42	7♍ 7	16°24	15° 1	8°42	16°55	5° 3	22° 0	20°36	27°21	5°39	7° 7	27°56	n.a.	T 20
W21	3 49 47	29°18'59	19°25	17°26	16°10	9° 2	16°51	5° 8	21°59	20°35	27°21	5°37	7° 4	28° 3	n.a.	W21
T 22	3 53 44	0♐19'13	2♎ 3	18°20	17°20	9°22	16°48	5°13	21°59	20°34	27°20	5°34	7° 1	28° 9	n.a.	T 22
F 23	3 57 40	1°19'26	15° 3	19° 6	18°29	9°41	16°45	5°18	21°58	20°33	27°19	5°29	6°58	28°16	n.a.	F 23
S 24	4 1 37	2°19'37	28°27	19°43	19°39	10° 0	16°41	5°23	21°58	20°32	27°19	5°23	6°54	28°23	n.a.	S 24
S 25	4 5 33	3°19'46	12♏16	20°11	20°49	10°19	16°37	5°28	21°58	20°30	27°18	5°18	6°51	28°29	n.a.	S 25
M26	4 9 30	4°19'53	26°25	20°30	21°59	10°37	16°33	5°33	21°57	20°29	27°17	5°14	6°48	28°36	n.a.	M26
T 27	4 13 27	5°19'58	10♐52	20°R39	23° 9	10°55	16°29	5°38	21°57	20°28	27°16	5°10	6°45	28°43	n.a.	T 27
W28	4 17 23	6°20'01	25°30	20°39	24°19	11°12	16°25	5°43	21°57	20°27	27°15	5° 9	6°42	28°49	n.a.	W28
T 29	4 21 20	7°20'01	10♑11	20°29	25°29	11°29	16°21	5°49	21°57	20°26	27°14	5°D 8	6°39	28°56	n.a.	T 29
F 30	4 25 16	8°20'00	24°51	20°10	26°39	11°45	16°16	5°54	21°56	20°25	27°14	5° 9	6°35	29° 3	n.a.	F 30
S 31	4 29 13	9♐19'55	9♒22	19♐42	27♎49	12♌ 1	16♋11	6♒ 0	21♓56	20♈24	27♋13	5♉11	6♉32	29♋ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14s56	24s39	0s32	18s46	1s56	5n13	2n46	23n 3	2n41	24n30	1n33	22s15	2s30	3s44	0s40	6n57	1s38	38n15	17n25	23s57	23s52	20n 2			n.a.
F 2	15 16	22 33	0n44	19 17	1 56	4 46	2 46	22 58	2 42	24 30	1 33	22 14	2 29	3 45	0 40	6 56	1 38	38 16	17 26	23 57	23 52	20 0			n.a.
S 3	15 36	19 3	1 57	19 47	1 55	4 18	2 46	22 53	2 44	24 30	1 33	22 13	2 29	3 45	0 40	6 55	1 38	38 16	17 26	23 57	23 52	19 58			n.a.
S 4	15 55	14 28	3 3	20 16	1 53	3 51	2 46	22 49	2 45	24 31	1 34	22 12	2 29	3 46	0 40	6 55	1 38	38 17	17 27	23 57	23 52	19 56			n.a.
M 5	16 14	9 9	3 57	20 43	1 51	3 23	2 45	22 44	2 47	24 31	1 34	22 11	2 29	3 46	0 40	6 54	1 38	38 17	17 27	23 57	23 52	19 54			n.a.
T 6	16 33	3 25	4 37	21 8	1 48	2 55	2 45	22 40	2 48	24 31	1 34	22 10	2 28	3 47	0 40	6 54	1 38	38 18	17 28	23 57	23 53	19 52			n.a.
W 7	16 51	2n25	5 1	21 31	1 44	2 26	2 44	22 35	2 50	24 32	1 35	22 9	2 28	3 47	0 40	6 53	1 37	38 19	17 28	23 57	23 53	19 50			n.a.
T 8	17 9	8 5	5 7	21 52	1 40	1 58	2 43	22 31	2 51	24 32	1 35	22 8	2 28	3 48	0 40	6 53	1 37	38 19	17 29	23 58	23 53	19 48			n.a.
F 9	17 27	13 17	4 55	22 11	1 34	1 29	2 43	22 26	2 53	24 33	1 36	22 7	2 28	3 48	0 40	6 52	1 37	38 20	17 30	23 58	23 53	19 46			n.a.
S 10	17 45	17 47	4 29	22 28	1 29	1 1	2 42	22 22	2 55	24 33	1 36	22 6	2 28	3 49	0 40	6 52	1 37	38 21	17 30	23 59	23 53	19 43			n.a.
S 11	18 2	21 20	3 48	22 43	1 22	0 32	2 40	22 17	2 56	24 34	1 36	22 5	2 27	3 49	0 40	6 51	1 37	38 21	17 31	23 59	23 53	19 41			n.a.
M12	18 19	23 47	2 57	22 56	1 14	0 3	2 39	22 13	2 58	24 34	1 37	22 3	2 27	3 49	0 40	6 51	1 37	38 22	17 31	23 59	23 54	19 39			n.a.
T 13	18 35	24 59	1 58	23 5	1 6	0s26	2 38	22 9	2 59	24 35	1 37	22 2	2 27	3 50	0 40	6 50	1 37	38 22	17 32	24 0	23 54	19 37			n.a.
W14	18 51	24 56	0 54	23 13	0 56	0 55	2 37	22 4	3 1	24 35	1 37	22 1	2 27	3 50	0 40	6 49	1 37	38 23	17 32	24 0	23 54	19 35			n.a.
T 15	19 7	23 42	0s11	23 18	0 46	1 24	2 35	22 0	3 3	24 36	1 38	22 0	2 26	3 50	0 40	6 49	1 37	38 24	17 33	24 0	23 54	19 33			n.a.
F 16	19 22	21 25	1 15	23 20	0 35	1 53	2 34	21 56	3 4	24 37	1 38	21 58	2 26	3 51	0 40	6 49	1 37	38 24	17 34	24 0	23 54	19 31			n.a.
S 17	19 37	18 13	2 16	23 20	0 23	2 22	2 32	21 52	3 6	24 37	1 38	21 57	2 26	3 51	0 40	6 48	1 37	38 25	17 34	24 0	23 55	19 28			n.a.
S 18	19 52	14 18	3 10	23 17	0 10	2 52	2 30	21 48	3 8	24 38	1 39	21 56	2 26	3 51	0 40	6 48	1 37	38 26	17 35	24 0	23 55	19 26			n.a.
M19	20 7	9 49	3 57	23 12	0n 4	3 21	2 28	21 44	3 9	24 39	1 39	21 54	2 26	3 51	0 40	6 47	1 37	38 26	17 35	23 59	23 55	19 24			n.a.
T 20	20 21	4 55	4 34	23 5	0 19	3 50	2 26	21 40	3 11	24 39	1 39	21 53	2 25	3 52	0 40	6 47	1 37	38 27	17 36	23 59	23 55	19 22			n.a.
W21	20 34	0s16	5 0	22 56	0 34	4 19	2 24	21 36	3 13	24 40	1 40	21 52	2 25	3 52	0 39	6 46	1 37	38 28	17 36	24 0	23 55	19 20			n.a.
T 22	20 47	5 34	5 11	22 46	0 50	4 49	2 22	21 32	3 15	24 41	1 40	21 50	2 25	3 52	0 39	6 46	1 37	38 28	17 37	24 0	23 55	19 18			n.a.
F 23	21 0	10 47	5 8	22 33	1 6	5 18	2 20	21 28	3 16	24 41	1 40	21 49	2 25	3 52	0 39	6 45	1 37	38 29	17 37	24 0	23 56	19 15			n.a.
S 24	21 13	15 40	4 47	22 20	1 23	5 47	2 18	21 24	3 18	24 42	1 41	21 47	2 24	3 52	0 39	6 45	1 37	38 30	17 38	24 0	23 56	19 13			n.a.
S 25	21 25	19 54	4 10	22 5	1 40	6 16	2 15	21 21	3 20	24 43	1 41	21 46	2 24	3 53	0 39	6 45	1 37	38 30	17 38	24 0	23 56	19 11			n.a.
M26	21 36	23 5	3 16	21 50	1 56	6 45	2 13	21 17	3 22	24 44	1 41	21 44	2 24	3 53	0 39	6 44	1 37	38 31	17 39	24 1	23 56	19 9			n.a.
T 27	21 48	24 50	2 9	21 34	2 13	7 14	2 11	21 14	3 23	24 45	1 42	21 43	2 24	3 53	0 39	6 44	1 37	38 32	17 39	24 1	23 56	19 7			n.a.
W28	21 58	24 55	0 53	21 18	2 29	7 42	2 8	21 11	3 25	24 46	1 42	21 41	2 24	3 53	0 39	6 43	1 37	38 32	17 40	24 1	23 56	19 5			n.a.
T 29	22 9	23 15	0n28	21 1	2 45	8 11	2 6	21 8	3 27	24 46	1 42	21 40	2 24	3 53	0 39	6 43	1 37	38 33	17 40	24 1	23 57	19 2			n.a.
F 30	22 19	20 1	1 46	20 45	3 0	8 39	2 3	21 5	3 29	24 47	1 43	21 38	2 23	3 53	0 39	6 43	1 36	38 34	17 41	24 1	23 57	19 0			n.a.
S 31	22s28	15s34	2n57	20s29	3n14	9s 8	2n 0	21n 2	3n31	24n48	1n43	21s37	2s23	3s53	0s39	6n42	1s36	38n34	17n41	24s 1	23s57	18n58			n.a.

Julian Day Number = 191725.5, Delta T = 32h26m43s
Ecliptic obliquity = 24°06'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'32, Lahiri = -61°29'32 Julian Calendar 1 Dec. 4189 BCE == Greg. Calendar 29 Oct. 4189 BCE

The year -4188 astronomical counting style corresponds to year 4189 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

JANUARY 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 33 9	10♐19'48	23♒42	19°R 6	28♎59	12♌17	16°R 6	6♒ 5	21°D56	20°R23	27°R12	5♑12	6♑29	29♋16	n.a.	S 1
M 2	4 37 6	11°19'39	7♓48	18♐24	0♏10	12°32	16♋ 1	6°11	21♓56	20♈22	27♋11	5°R13	6°26	29°23	n.a.	M 2
T 3	4 41 2	12°19'27	21°38	17°36	1°20	12°46	15°56	6°17	21°57	20°21	27°10	5°13	6°23	29°29	n.a.	T 3
W 4	4 44 59	13°19'12	5♈13	16°42	2°30	13° 0	15°51	6°23	21°57	20°20	27° 9	5°11	6°19	29°36	n.a.	W 4
T 5	4 48 56	14°18'55	18°33	15°46	3°41	13°13	15°45	6°29	21°57	20°19	27° 7	5° 9	6°16	29°43	n.a.	T 5
F 6	4 52 52	15°18'35	1♉38	14°47	4°51	13°26	15°39	6°35	21°57	20°19	27° 6	5° 6	6°13	29°49	n.a.	F 6
S 7	4 56 49	16°18'13	14°29	13°48	6° 2	13°39	15°34	6°41	21°58	20°18	27° 5	5° 3	6°10	29°56	n.a.	S 7
S 8	5 0 45	17°17'49	27° 8	12°49	7°12	13°51	15°28	6°47	21°58	20°17	27° 4	5° 0	6° 7	0♌ 3	n.a.	S 8
M 9	5 4 42	18°17'22	9♊34	11°53	8°23	14° 2	15°22	6°53	21°58	20°16	27° 3	4°58	6° 4	0° 9	n.a.	M 9
T 10	5 8 38	19°16'53	21°49	10°59	9°34	14°13	15°16	6°59	21°59	20°15	27° 2	4°57	6° 0	0°16	n.a.	T 10
W11	5 12 35	20°16'22	3♋54	10° 9	10°45	14°23	15° 9	7° 5	21°59	20°15	27° 0	4°D57	5°57	0°23	n.a.	W11
T 12	5 16 31	21°15'49	15°51	9°23	11°55	14°32	15° 3	7°12	22° 0	20°14	26°59	4°57	5°54	0°29	n.a.	T 12
F 13	5 20 28	22°15'13	27°43	8°43	13° 6	14°41	14°56	7°18	22° 1	20°13	26°58	4°58	5°51	0°36	n.a.	F 13
S 14	5 24 24	23°14'35	9♌31	8° 9	14°17	14°50	14°50	7°25	22° 1	20°13	26°57	4°59	5°48	0°43	n.a.	S 14
S 15	5 28 21	24°13'55	21°21	7°40	15°28	14°57	14°43	7°31	22° 2	20°12	26°55	5° 0	5°45	0°49	n.a.	S 15
M16	5 32 18	25°13'13	3♍15	7°18	16°39	15° 4	14°36	7°38	22° 3	20°12	26°54	5° 1	5°41	0°56	n.a.	M16
T 17	5 36 14	26°12'29	15°18	7° 1	17°50	15°11	14°29	7°44	22° 4	20°11	26°53	5° 2	5°38	1° 3	n.a.	T 17
W18	5 40 11	27°11'42	27°34	6°51	19° 1	15°17	14°22	7°51	22° 4	20°11	26°51	5°R 2	5°35	1° 9	n.a.	W18
T 19	5 44 7	28°10'54	10♎ 8	6°D47	20°12	15°22	14°15	7°58	22° 5	20°10	26°50	5° 2	5°32	1°16	n.a.	T 19
F 20	5 48 4	29°10'04	23° 4	6°49	21°23	15°26	14° 8	8° 5	22° 6	20°10	26°48	5° 1	5°29	1°23	n.a.	F 20
S 21	5 52 0	0♑ 9'11	6♏25	6°56	22°34	15°30	14° 1	8°12	22° 7	20°10	26°47	5° 1	5°25	1°29	n.a.	S 21
S 22	5 55 57	1° 8'17	20°13	7° 9	23°45	15°33	13°53	8°18	22° 9	20° 9	26°46	5° 0	5°22	1°36	n.a.	S 22
M23	5 59 53	2° 7'21	4♐26	7°27	24°57	15°35	13°46	8°25	22°10	20° 9	26°44	5° 0	5°19	1°43	n.a.	M23
T 24	6 3 50	3° 6'22	19° 2	7°50	26° 8	15°36	13°39	8°32	22°11	20° 9	26°43	4°59	5°16	1°49	n.a.	T 24
W25	6 7 46	4° 5'22	3♑55	8°17	27°19	15°37	13°31	8°40	22°12	20° 8	26°41	4°D59	5°13	1°56	n.a.	W25
T 26	6 11 43	5° 4'19	18°57	8°49	28°30	15°R37	13°24	8°47	22°13	20° 8	26°40	4°R59	5°10	2° 2	n.a.	T 26
F 27	6 15 39	6° 3'14	4♒ 0	9°25	29°42	15°37	13°16	8°54	22°15	20° 8	26°38	4°59	5° 6	2° 9	n.a.	F 27
S 28	6 19 36	7° 2'06	18°55	10° 5	0♐53	15°35	13° 8	9° 1	22°16	20° 8	26°36	4°59	5° 3	2°16	n.a.	S 28
S 29	6 23 33	8° 0'56	3♓35	10°49	2° 4	15°33	13° 1	9° 8	22°18	20° 8	26°35	4°59	5° 0	2°22	n.a.	S 29
M30	6 27 29	8°59'43	17°55	11°36	3°16	15°30	12°53	9°15	22°19	20° 8	26°33	4°59	4°57	2°29	n.a.	M30
T 31	6 31 26	9♑58'28	1♈53	12♐26	4♐27	15♌26	12♋45	9♒23	22♓21	20♈ 8	26♋32	4♑58	4♑54	2♌36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	22s37	10s18	3n56	20s14	3n26	9s36	1n58	20n59	3n33	24n49	1n43	21s35	2s23	3s53	0s39	6n42	1s36	38n35	17n42	24s 1	23s57	18n56			n.a.
M 2	22 46	4 34	4 40	19 59	3 37	10 4	1 55	20 56	3 34	24 50	1 43	21 33	2 23	3 53	0 39	6 42	1 36	38 36	17 42	24 1	23 57	18 54			n.a.
T 3	22 54	1n16	5 6	19 46	3 46	10 31	1 52	20 54	3 36	24 51	1 44	21 32	2 23	3 53	0 39	6 41	1 36	38 36	17 43	24 1	23 57	18 51			n.a.
W 4	23 2	6 55	5 15	19 34	3 54	10 59	1 49	20 52	3 38	24 52	1 44	21 30	2 22	3 52	0 39	6 41	1 36	38 37	17 43	24 1	23 58	18 49			n.a.
T 5	23 10	12 10	5 6	19 22	3 59	11 26	1 46	20 49	3 40	24 53	1 44	21 28	2 22	3 52	0 39	6 41	1 36	38 38	17 43	24 1	23 58	18 47			n.a.
F 6	23 17	16 46	4 42	19 13	4 2	11 53	1 43	20 47	3 42	24 54	1 45	21 27	2 22	3 52	0 39	6 41	1 36	38 38	17 44	24 1	23 58	18 45			n.a.
S 7	23 23	20 30	4 4	19 5	4 3	12 20	1 40	20 45	3 44	24 55	1 45	21 25	2 22	3 52	0 39	6 40	1 36	38 39	17 44	24 1	23 58	18 43			n.a.
S 8	23 29	23 13	3 14	18 58	4 3	12 47	1 37	20 43	3 46	24 56	1 45	21 23	2 22	3 52	0 39	6 40	1 36	38 40	17 45	24 1	23 58	18 40			n.a.
M 9	23 35	24 45	2 16	18 53	4 0	13 13	1 34	20 42	3 47	24 57	1 45	21 21	2 22	3 52	0 39	6 40	1 36	38 40	17 45	24 1	23 58	18 38			n.a.
T 10	23 40	25 3	1 12	18 50	3 55	13 39	1 31	20 40	3 49	24 58	1 46	21 19	2 21	3 51	0 39	6 40	1 36	38 41	17 45	24 1	23 59	18 36			n.a.
W11	23 45	24 9	0 6	18 49	3 49	14 5	1 28	20 39	3 51	24 59	1 46	21 18	2 21	3 51	0 39	6 39	1 36	38 42	17 46	24 1	23 59	18 34			n.a.
T 12	23 49	22 9	1s 0	18 50	3 41	14 30	1 25	20 38	3 53	25 0	1 46	21 16	2 21	3 51	0 39	6 39	1 36	38 42	17 46	24 1	23 59	18 31			n.a.
F 13	23 53	19 12	2 3	18 53	3 33	14 55	1 21	20 37	3 55	25 1	1 46	21 14	2 21	3 51	0 39	6 39	1 36	38 43	17 47	24 1	23 59	18 29			n.a.
S 14	23 56	15 29	3 0	18 57	3 22	15 20	1 18	20 36	3 57	25 2	1 47	21 12	2 21	3 50	0 38	6 39	1 36	38 44	17 47	24 1	23 59	18 27			n.a.
S 15	23 59	11 10	3 50	19 4	3 12	15 44	1 15	20 36	3 59	25 3	1 47	21 10	2 21	3 50	0 38	6 39	1 36	38 44	17 47	24 1	23 59	18 25			n.a.
M16	24 1	6 25	4 30	19 11	3 0	16 9	1 12	20 35	4 0	25 4	1 47	21 8	2 21	3 50	0 38	6 38	1 36	38 45	17 48	24 1	23 59	18 22			n.a.
T 17	24 3	1 23	4 59	19 21	2 48	16 32	1 8	20 35	4 2	25 5	1 47	21 6	2 20	3 49	0 38	6 38	1 35	38 45	17 48	24 1	24 0	18 20			n.a.
W18	24 5	3s48	5 15	19 31	2 35	16 55	1 5	20 35	4 4	25 6	1 47	21 4	2 20	3 49	0 38	6 38	1 35	38 46	17 48	24 1	24 0	18 18			n.a.
T 19	24 6	8 57	5 16	19 44	2 22	17 18	1 2	20 35	4 6	25 7	1 48	21 3	2 20	3 48	0 38	6 38	1 35	38 47	17 49	24 1	24 0	18 16			n.a.
F 20	24 7	13 52	5 2	19 57	2 9	17 41	0 59	20 35	4 8	25 8	1 48	21 1	2 20	3 48	0 38	6 38	1 35	38 47	17 49	24 1	24 0	18 13			n.a.
S 21	24 7	18 17	4 31	20 11	1 56	18 3	0 55	20 36	4 10	25 9	1 48	20 59	2 20	3 47	0 38	6 38	1 35	38 48	17 49	24 1	24 0	18 11			n.a.
S 22	24 6	21 53	3 44	20 26	1 42	18 24	0 52	20 37	4 11	25 10	1 48	20 57	2 20	3 47	0 38	6 38	1 35	38 48	17 50	24 1	24 0	18 9			n.a.
M23	24 6	24 17	2 42	20 42	1 29	18 45	0 49	20 38	4 13	25 11	1 48	20 55	2 20	3 46	0 38	6 38	1 35	38 49	17 50	24 1	24 0	18 7			n.a.
T 24	24 5	25 6	1 28	20 59	1 16	19 6	0 45	20 39	4 15	25 11	1 48	20 53	2 20	3 46	0 38	6 38	1 35	38 50	17 50	24 1	24 0	18 4			n.a.
W25	24 3	24 9	0 6	21 16	1 3	19 26	0 42	20 40	4 17	25 12	1 49	20 51	2 19	3 45	0 38	6 38	1 35	38 50	17 50	24 1	24 1	18 2			n.a.
T 26	24 1	21 28	1n17	21 33	0 51	19 46	0 39	20 42	4 18	25 13	1 49	20 49	2 19	3 45	0 38	6 38	1 35	38 51	17 51	24 1	24 1	18 0			n.a.
F 27	23 58	17 18	2 34	21 51	0 39	20 5	0 35	20 44	4 20	25 14	1 49	20 46	2 19	3 44	0 38	6 38	1 35	38 51	17 51	24 1	24 1	17 57			n.a.
S 28	23 55	12 5	3 41	22 9	0 27	20 23	0 32	20 46	4 22	25 15	1 49	20 44	2 19	3 44	0 38	6 38	1 35	38 52	17 51	24 1	24 1	17 55			n.a.
S 29	23 52	6 16	4 31	22 27	0 15	20 41	0 29	20 48	4 23	25 16	1 49	20 42	2 19	3 43	0 38	6 38	1 35	38 53	17 51	24 1	24 1	17 53			n.a.
M30	23 48	0 16	5 4	22 45	0 4	20 59	0 26	20 50	4 25	25 17	1 49	20 40	2 19	3 42	0 38	6 38	1 35	38 53	17 51	24 1	24 1	17 51			n.a.
T 31	23s44	5n35	5n17	23s 3	0s 7	21s16	0n22	20n53	4n26	25n18	1n49	20s38	2s19	3s42	0s38	6n38	1s35	38n54	17n52	24s 1	24s 1	17n48			n.a.

Julian Day Number = 191756.5, Delta T = 32h26m40s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'28, Lahiri = -61°29'27 Julian Calendar 1 Jan. 4188 BCE == Greg. Calendar 29 Nov. 4189 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

FEBRUARY 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 35 22	10♉57'10	15♈27	13♐20	5♐39	15°R22	12°R38	9♒30	22♓22	20°D 8	26°R30	4°D58	4♉51	2♌42	n.a.	W 1
T 2	6 39 19	11°55'49	28°39	14°17	6°50	15♌16	12♋30	9°38	22°24	20♈ 8	26♋29	4♉59	4°47	2°49	n.a.	T 2
F 3	6 43 15	12°54'27	11♉32	15°16	8° 2	15°10	12°22	9°45	22°26	20° 8	26°27	4°59	4°44	2°56	n.a.	F 3
S 4	6 47 12	13°53'01	24° 8	16°19	9°13	15° 4	12°15	9°52	22°27	20° 8	26°25	5° 0	4°41	3° 2	n.a.	S 4
S 5	6 51 8	14°51'34	6♊30	17°24	10°25	14°56	12° 7	10° 0	22°29	20° 8	26°24	5° 1	4°38	3° 9	n.a.	S 5
M 6	6 55 5	15°50'04	18°40	18°31	11°36	14°48	11°59	10° 7	22°31	20° 8	26°22	5° 2	4°35	3°16	n.a.	M 6
T 7	6 59 1	16°48'32	0♋42	19°41	12°48	14°39	11°51	10°15	22°33	20° 8	26°20	5°R 2	4°31	3°22	n.a.	T 7
W 8	7 2 58	17°46'58	12°38	20°53	13°59	14°29	11°44	10°23	22°35	20° 9	26°19	5° 2	4°28	3°29	n.a.	W 8
T 9	7 6 54	18°45'21	24°29	22° 7	15°11	14°19	11°36	10°30	22°37	20° 9	26°17	5° 1	4°25	3°36	n.a.	T 9
F 10	7 10 51	19°43'42	6♌18	23°23	16°22	14° 7	11°29	10°38	22°39	20° 9	26°15	5° 0	4°22	3°42	n.a.	F 10
S 11	7 14 47	20°42'02	18° 8	24°42	17°34	13°55	11°21	10°46	22°41	20° 9	26°14	4°58	4°19	3°49	n.a.	S 11
S 12	7 18 44	21°40'19	29°59	26° 2	18°46	13°43	11°14	10°53	22°43	20°10	26°12	4°55	4°16	3°56	n.a.	S 12
M13	7 22 41	22°38'35	11♍57	27°25	19°57	13°29	11° 6	11° 1	22°45	20°10	26°10	4°53	4°12	4° 2	n.a.	M13
T 14	7 26 37	23°36'48	24° 2	28°49	21° 9	13°15	10°59	11° 9	22°47	20°11	26° 9	4°50	4° 9	4° 9	n.a.	T 14
W15	7 30 34	24°35'00	6♎19	0♉16	22°21	13° 1	10°51	11°17	22°49	20°11	26° 7	4°48	4° 6	4°16	n.a.	W15
T 16	7 34 30	25°33'10	18°52	1°44	23°33	12°45	10°44	11°24	22°51	20°12	26° 5	4°47	4° 3	4°22	n.a.	T 16
F 17	7 38 27	26°31'18	1♏43	3°14	24°44	12°29	10°37	11°32	22°54	20°12	26° 4	4°D47	4° 0	4°29	n.a.	F 17
S 18	7 42 23	27°29'25	14°57	4°46	25°56	12°13	10°30	11°40	22°56	20°13	26° 2	4°48	3°56	4°36	n.a.	S 18
S 19	7 46 20	28°27'30	28°36	6°19	27° 8	11°56	10°23	11°48	22°58	20°13	26° 0	4°49	3°53	4°42	n.a.	S 19
M20	7 50 16	29°25'33	12♐42	7°55	28°20	11°38	10°16	11°56	23° 1	20°14	25°59	4°51	3°50	4°49	n.a.	M20
T 21	7 54 13	0♒23'35	27°13	9°32	29°32	11°20	10° 9	12° 4	23° 3	20°15	25°57	4°52	3°47	4°56	n.a.	T 21
W22	7 58 9	1°21'35	12♉ 5	11°11	0♉44	11° 1	10° 2	12°12	23° 6	20°15	25°55	4°R52	3°44	5° 2	n.a.	W22
T 23	8 2 6	2°19'34	27°13	12°52	1°56	10°42	9°55	12°19	23° 8	20°16	25°54	4°50	3°41	5° 9	n.a.	T 23
F 24	8 6 2	3°17'30	12♒27	14°35	3° 8	10°22	9°49	12°27	23°11	20°17	25°52	4°48	3°37	5°16	n.a.	F 24
S 25	8 9 59	4°15'25	27°37	16°19	4°20	10° 3	9°42	12°35	23°13	20°17	25°50	4°44	3°34	5°22	n.a.	S 25
S 26	8 13 55	5°13'17	12♓33	18° 5	5°31	9°42	9°36	12°43	23°16	20°18	25°49	4°40	3°31	5°29	n.a.	S 26
M27	8 17 52	6°11'08	27° 9	19°53	6°43	9°22	9°30	12°51	23°18	20°19	25°47	4°36	3°28	5°36	n.a.	M27
T 28	8 21 49	7♒ 8'56	11♈18	21♉43	7♉55	9♌ 1	9♋23	12♒59	23♓21	20♈20	25♋45	4♉32	3♉25	5♌42	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s39	11n 1	5n12	23s20	0s17	21s32	0n19	20n56	4n28	25n19	1n49	20s36	2s19	3s41	0s38	6n38	1s35	38n54	17n52	24s 1	24s 1	17n46		n.a.
T 2	23 34	15 48	4 51	23 37	0 28	21 48	0 16	20 59	4 29	25 20	1 50	20 34	2 19	3 40	0 38	6 38	1 34	38 55	17 52	24 1	24 2	17 44		n.a.
F 3	23 28	19 45	4 15	23 54	0 37	22 3	0 13	21 2	4 30	25 20	1 50	20 32	2 19	3 40	0 38	6 38	1 34	38 55	17 52	24 1	24 2	17 41		n.a.
S 4	23 22	22 41	3 28	24 10	0 47	22 18	0 10	21 5	4 32	25 21	1 50	20 30	2 18	3 39	0 38	6 38	1 34	38 56	17 52	24 1	24 2	17 39		n.a.
S 5	23 15	24 30	2 32	24 25	0 55	22 32	0 6	21 9	4 33	25 22	1 50	20 27	2 18	3 38	0 38	6 38	1 34	38 56	17 53	24 1	24 2	17 37		n.a.
M 6	23 9	25 6	1 30	24 40	1 4	22 45	0 3	21 12	4 34	25 23	1 50	20 25	2 18	3 37	0 38	6 38	1 34	38 57	17 53	24 1	24 2	17 34		n.a.
T 7	23 1	24 31	0 24	24 54	1 12	22 58	0 0	21 16	4 35	25 24	1 50	20 23	2 18	3 37	0 38	6 38	1 34	38 57	17 53	24 1	24 2	17 32		n.a.
W 8	22 54	22 48	0s42	25 6	1 19	23 10	0s 3	21 20	4 36	25 24	1 50	20 21	2 18	3 36	0 37	6 39	1 34	38 58	17 53	24 1	24 2	17 30		n.a.
T 9	22 45	20 6	1 46	25 18	1 26	23 22	0 6	21 24	4 37	25 25	1 50	20 19	2 18	3 35	0 37	6 39	1 34	38 58	17 53	24 1	24 2	17 27		n.a.
F 10	22 37	16 34	2 45	25 29	1 33	23 33	0 9	21 28	4 38	25 26	1 50	20 16	2 18	3 34	0 37	6 39	1 34	38 59	17 53	24 1	24 2	17 25		n.a.
S 11	22 28	12 24	3 36	25 39	1 39	23 43	0 12	21 33	4 39	25 26	1 50	20 14	2 18	3 33	0 37	6 39	1 34	38 59	17 53	24 1	24 3	17 23		n.a.
S 12	22 19	7 46	4 19	25 48	1 45	23 52	0 15	21 37	4 40	25 27	1 50	20 12	2 18	3 32	0 37	6 39	1 34	39 0	17 53	24 1	24 3	17 20		n.a.
M13	22 9	2 49	4 51	25 55	1 50	24 1	0 18	21 42	4 40	25 28	1 50	20 10	2 18	3 32	0 37	6 40	1 34	39 0	17 53	24 1	24 3	17 18		n.a.
T 14	21 59	2s17	5 10	26 1	1 54	24 9	0 21	21 47	4 41	25 28	1 50	20 7	2 18	3 31	0 37	6 40	1 34	39 0	17 53	24 1	24 3	17 16		n.a.
W15	21 49	7 23	5 15	26 5	1 58	24 17	0 23	21 52	4 41	25 29	1 50	20 5	2 18	3 30	0 37	6 40	1 34	39 1	17 53	24 2	24 3	17 13		n.a.
T 16	21 38	12 17	5 6	26 8	2 2	24 23	0 26	21 57	4 41	25 30	1 50	20 3	2 18	3 29	0 37	6 40	1 34	39 1	17 53	24 2	24 3	17 11		n.a.
F 17	21 26	16 47	4 41	26 10	2 5	24 29	0 29	22 1	4 42	25 30	1 50	20 1	2 18	3 28	0 37	6 40	1 33	39 2	17 53	24 2	24 3	17 9		n.a.
S 18	21 15	20 37	4 1	26 9	2 8	24 35	0 32	22 7	4 42	25 31	1 50	19 58	2 18	3 27	0 37	6 41	1 33	39 2	17 53	24 2	24 3	17 6		n.a.
S 19	21 3	23 26	3 7	26 7	2 10	24 39	0 34	22 12	4 42	25 31	1 50	19 56	2 18	3 26	0 37	6 41	1 33	39 2	17 53	24 2	24 3	17 4		n.a.
M20	20 51	24 56	1 59	26 4	2 12	24 43	0 37	22 17	4 42	25 32	1 50	19 54	2 18	3 25	0 37	6 41	1 33	39 3	17 53	24 1	24 4	17 2		n.a.
T 21	20 38	24 47	0 42	25 58	2 13	24 46	0 39	22 22	4 42	25 32	1 50	19 51	2 18	3 24	0 37	6 42	1 33	39 3	17 53	24 1	24 4	16 59		n.a.
W22	20 25	22 53	0n40	25 50	2 13	24 49	0 42	22 27	4 41	25 33	1 50	19 49	2 18	3 23	0 37	6 42	1 33	39 3	17 53	24 1	24 4	16 57		n.a.
T 23	20 12	19 21	2 0	25 41	2 13	24 50	0 44	22 32	4 41	25 33	1 50	19 47	2 18	3 22	0 37	6 42	1 33	39 4	17 53	24 1	24 4	16 54		n.a.
F 24	19 58	14 29	3 12	25 29	2 13	24 51	0 47	22 37	4 40	25 34	1 50	19 44	2 18	3 21	0 37	6 43	1 33	39 4	17 53	24 2	24 4	16 52		n.a.
S 25	19 44	8 44	4 10	25 16	2 11	24 52	0 49	22 42	4 39	25 34	1 49	19 42	2 18	3 20	0 37	6 43	1 33	39 4	17 53	24 2	24 4	16 50		n.a.
S 26	19 30	2 35	4 50	25 0	2 10	24 51	0 51	22 47	4 39	25 34	1 49	19 40	2 18	3 19	0 37	6 43	1 33	39 5	17 53	24 2	24 4	16 47		n.a.
M27	19 15	3n33	5 10	24 42	2 7	24 50	0 54	22 52	4 38	25 35	1 49	19 37	2 18	3 17	0 37	6 44	1 33	39 5	17 53	24 2	24 4	16 45		n.a.
T 28	19s 0	9n20	5n11	24s21	2s 5	24s48	0s56	22n56	4n37	25n35	1n49	19s35	2s18	3s16	0s37	6n44	1s33	39n 5	17n53	24s 2	24s 4	16n43		n.a.

Julian Day Number = 191787.5, Delta T = 32h26m37s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'24, Lahiri = -61°29'23 Julian Calendar 1 Feb. 4188 BCE == Greg. Calendar 30 Dec. 4189 BCE

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

MARCH 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 25 45	8♒ 6'43	24♈59	23♉34	9♉ 7	8°R41	9°R17	13♒ 7	23♓24	20♈21	25°R44	4°R30	3♉22	5♌49	n.a.	W 1
T 2	8 29 42	9° 4'27	8♉13	25°27	10°19	8♌20	9♋11	13°15	23°27	20°22	25♋42	4°D30	3°18	5°56	n.a.	T 2
F 3	8 33 38	10° 2'10	21° 3	27°22	11°31	7°59	9° 6	13°23	23°29	20°23	25°40	4♉30	3°15	6° 2	n.a.	F 3
S 4	8 37 35	10°59'51	3♊32	29°19	12°44	7°38	9° 0	13°31	23°32	20°24	25°39	4°31	3°12	6° 9	n.a.	S 4
S 5	8 41 31	11°57'29	15°46	1♒18	13°56	7°17	8°55	13°39	23°35	20°25	25°37	4°33	3° 9	6°16	n.a.	S 5
M 6	8 45 28	12°55'07	27°47	3°18	15° 8	6°56	8°49	13°47	23°38	20°26	25°36	4°34	3° 6	6°23	n.a.	M 6
T 7	8 49 24	13°52'42	9♋41	5°20	16°20	6°35	8°44	13°55	23°41	20°27	25°34	4°R34	3° 2	6°29	n.a.	T 7
W 8	8 53 21	14°50'15	21°31	7°23	17°32	6°14	8°39	14° 3	23°44	20°28	25°33	4°33	2°59	6°36	n.a.	W 8
T 9	8 57 17	15°47'47	3♌19	9°28	18°44	5°54	8°34	14°11	23°47	20°29	25°31	4°29	2°56	6°43	n.a.	T 9
F 10	9 1 14	16°45'18	15° 9	11°34	19°56	5°33	8°29	14°19	23°50	20°30	25°29	4°24	2°53	6°49	n.a.	F 10
S 11	9 5 10	17°42'47	27° 2	13°42	21° 8	5°13	8°25	14°27	23°53	20°32	25°28	4°17	2°50	6°56	n.a.	S 11
S 12	9 9 7	18°40'14	8♍59	15°50	22°21	4°53	8°20	14°35	23°56	20°33	25°26	4° 9	2°47	7° 3	n.a.	S 12
M13	9 13 4	19°37'40	21° 4	18° 0	23°33	4°34	8°16	14°43	23°59	20°34	25°25	4° 1	2°43	7° 9	n.a.	M13
T 14	9 17 0	20°35'05	3♎17	20°10	24°45	4°15	8°12	14°51	24° 2	20°35	25°23	3°53	2°40	7°16	n.a.	T 14
W15	9 20 57	21°32'29	15°40	22°20	25°57	3°56	8° 8	14°59	24° 5	20°37	25°22	3°47	2°37	7°23	n.a.	W15
T 16	9 24 53	22°29'52	28°16	24°31	27°10	3°38	8° 4	15° 7	24° 8	20°38	25°20	3°42	2°34	7°29	n.a.	T 16
F 17	9 28 50	23°27'13	11♏ 8	26°42	28°22	3°21	8° 0	15°15	24°11	20°39	25°19	3°39	2°31	7°36	n.a.	F 17
S 18	9 32 46	24°24'34	24°18	28°52	29°34	3° 4	7°57	15°23	24°14	20°41	25°18	3°D38	2°28	7°43	n.a.	S 18
S 19	9 36 43	25°21'54	7♐49	1♓ 2	0♒47	2°47	7°53	15°31	24°17	20°42	25°16	3°39	2°24	7°49	n.a.	S 19
M20	9 40 39	26°19'13	21°44	3°10	1°59	2°31	7°50	15°39	24°21	20°44	25°15	3°40	2°21	7°56	n.a.	M20
T 21	9 44 36	27°16'31	6♑ 2	5°18	3°12	2°16	7°47	15°47	24°24	20°45	25°13	3°R40	2°18	8° 3	n.a.	T 21
W22	9 48 32	28°13'48	20°42	7°24	4°24	2° 1	7°44	15°55	24°27	20°47	25°12	3°39	2°15	8° 9	n.a.	W22
T 23	9 52 29	29°11'05	5♒41	9°29	5°36	1°47	7°42	16° 3	24°31	20°48	25°11	3°36	2°12	8°16	n.a.	T 23
F 24	9 56 26	0♓ 8'20	20°49	11°31	6°49	1°34	7°39	16°10	24°34	20°50	25° 9	3°30	2° 8	8°23	n.a.	F 24
S 25	10 0 22	1° 5'34	5♓59	13°32	8° 1	1°22	7°37	16°18	24°37	20°51	25° 8	3°23	2° 5	8°29	n.a.	S 25
S 26	10 4 19	2° 2'47	20°59	15°30	9°14	1°10	7°35	16°26	24°40	20°53	25° 7	3°14	2° 2	8°36	n.a.	S 26
M27	10 8 15	2°59'59	5♈41	17°27	10°26	0°59	7°33	16°34	24°44	20°54	25° 6	3° 5	1°59	8°43	n.a.	M27
T 28	10 12 12	3°57'10	19°57	19°20	11°39	0°49	7°31	16°42	24°47	20°56	25° 4	2°58	1°56	8°49	n.a.	T 28
W29	10 16 8	4°54'20	3♉45	21°11	12°52	0°39	7°30	16°49	24°51	20°58	25° 3	2°52	1°53	8°56	n.a.	W29
T 30	10 20 5	5°51'29	17° 4	23° 0	14° 4	0°31	7°28	16°57	24°54	20°59	25° 2	2°48	1°49	9° 3	n.a.	T 30
F 31	10 24 1	6♓48'37	29♉56	24♓46	15♒17	0♌23	7♋27	17♒ 5	24♓57	21♈ 1	25♋ 1	2♉46	1♉46	9♌ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	18s45	14n28	4n53	23s59	2s 1	24s45	0s58	23n 1	4n35	25n36	1n49	19s33	2s18	3s15	0s37	6n45	1s33	39n 5	17n53	24s 2	24s 4	16n40			n.a.
T 2	18 29	18 44	4 20	23 34	1 57	24 42	1 0	23 5	4 34	25 36	1 49	19 30	2 18	3 14	0 37	6 45	1 33	39 6	17 53	24 2	24 4	16 38			n.a.
F 3	18 14	21 59	3 36	23 7	1 53	24 38	1 2	23 10	4 33	25 36	1 49	19 28	2 18	3 13	0 37	6 45	1 33	39 6	17 53	24 2	24 4	16 35			n.a.
S 4	17 58	24 5	2 41	22 37	1 47	24 33	1 4	23 14	4 31	25 36	1 49	19 25	2 18	3 12	0 37	6 46	1 33	39 6	17 52	24 2	24 5	16 33			n.a.
S 5	17 41	25 0	1 41	22 5	1 42	24 27	1 6	23 18	4 29	25 37	1 49	19 23	2 18	3 11	0 37	6 46	1 32	39 6	17 52	24 2	24 5	16 31			n.a.
M 6	17 24	24 43	0 37	21 31	1 35	24 21	1 8	23 22	4 27	25 37	1 48	19 21	2 18	3 9	0 37	6 47	1 32	39 6	17 52	24 2	24 5	16 28			n.a.
T 7	17 8	23 17	0s28	20 54	1 29	24 14	1 9	23 25	4 25	25 37	1 48	19 18	2 18	3 8	0 37	6 47	1 32	39 7	17 52	24 2	24 5	16 26			n.a.
W 8	16 50	20 51	1 31	20 15	1 21	24 6	1 11	23 29	4 23	25 37	1 48	19 16	2 18	3 7	0 37	6 48	1 32	39 7	17 52	24 2	24 5	16 23			n.a.
T 9	16 33	17 32	2 30	19 34	1 13	23 58	1 13	23 32	4 21	25 38	1 48	19 14	2 18	3 6	0 37	6 48	1 32	39 7	17 52	24 2	24 5	16 21			n.a.
F 10	16 15	13 32	3 22	18 50	1 5	23 49	1 14	23 35	4 19	25 38	1 48	19 11	2 18	3 4	0 37	6 49	1 32	39 7	17 51	24 2	24 5	16 19			n.a.
S 11	15 57	9 1	4 6	18 5	0 56	23 39	1 16	23 38	4 16	25 38	1 48	19 9	2 18	3 3	0 36	6 49	1 32	39 7	17 51	24 3	24 5	16 16			n.a.
S 12	15 39	4 8	4 39	17 17	0 47	23 28	1 17	23 40	4 14	25 38	1 47	19 6	2 18	3 2	0 36	6 50	1 32	39 7	17 51	24 3	24 5	16 14			n.a.
M13	15 21	0s56	5 0	16 28	0 38	23 17	1 18	23 43	4 11	25 38	1 47	19 4	2 18	3 1	0 36	6 50	1 32	39 7	17 51	24 3	24 5	16 11			n.a.
T 14	15 2	6 1	5 8	15 37	0 28	23 5	1 20	23 45	4 8	25 38	1 47	19 2	2 18	2 59	0 36	6 51	1 32	39 7	17 50	24 3	24 5	16 9			n.a.
W15	14 43	10 56	5 1	14 44	0 17	22 53	1 21	23 47	4 6	25 38	1 47	18 59	2 18	2 58	0 36	6 51	1 32	39 7	17 50	24 4	24 5	16 7			n.a.
T 16	14 24	15 30	4 40	13 50	0 7	22 40	1 22	23 49	4 3	25 38	1 47	18 57	2 18	2 57	0 36	6 52	1 32	39 8	17 50	24 4	24 5	16 4			n.a.
F 17	14 5	19 27	4 5	12 55	0n 3	22 26	1 23	23 50	4 0	25 38	1 47	18 54	2 18	2 56	0 36	6 52	1 32	39 8	17 50	24 4	24 5	16 2			n.a.
S 18	13 45	22 32	3 16	11 59	0 14	22 11	1 24	23 51	3 57	25 38	1 46	18 52	2 18	2 54	0 36	6 53	1 32	39 8	17 49	24 4	24 6	15 59			n.a.
S 19	13 26	24 27	2 15	11 2	0 24	21 56	1 25	23 52	3 53	25 38	1 46	18 50	2 18	2 53	0 36	6 54	1 32	39 8	17 49	24 4	24 6	15 57			n.a.
M20	13 6	24 55	1 4	10 5	0 35	21 40	1 26	23 53	3 50	25 38	1 46	18 47	2 18	2 52	0 36	6 54	1 32	39 8	17 49	24 4	24 6	15 54			n.a.
T 21	12 46	23 46	0n13	9 8	0 45	21 24	1 27	23 53	3 47	25 38	1 46	18 45	2 18	2 50	0 36	6 55	1 32	39 8	17 48	24 4	24 6	15 52			n.a.
W22	12 25	20 59	1 30	8 11	0 55	21 7	1 28	23 53	3 44	25 38	1 46	18 43	2 18	2 49	0 36	6 55	1 32	39 8	17 48	24 4	24 6	15 50			n.a.
T 23	12 5	16 45	2 43	7 14	1 5	20 50	1 28	23 53	3 40	25 38	1 45	18 40	2 18	2 48	0 36	6 56	1 32	39 8	17 48	24 4	24 6	15 47			n.a.
F 24	11 44	11 25	3 45	6 18	1 14	20 32	1 29	23 53	3 37	25 38	1 45	18 38	2 18	2 46	0 36	6 57	1 31	39 8	17 47	24 4	24 6	15 45			n.a.
S 25	11 23	5 23	4 31	5 22	1 24	20 13	1 30	23 53	3 33	25 38	1 45	18 35	2 19	2 45	0 36	6 57	1 31	39 7	17 47	24 4	24 6	15 42			n.a.
S 26	11 2	0n52	4 58	4 28	1 32	19 54	1 30	23 52	3 30	25 38	1 45	18 33	2 19	2 43	0 36	6 58	1 31	39 7	17 47	24 5	24 6	15 40			n.a.
M27	10 41	6 57	5 5	3 34	1 40	19 34	1 31	23 51	3 26	25 38	1 44	18 31	2 19	2 42	0 36	6 59	1 31	39 7	17 46	24 5	24 6	15 37			n.a.
T 28	10 20	12 29	4 52	2 41	1 48	19 14	1 31	23 50	3 22	25 38	1 44	18 28	2 19	2 41	0 36	6 59	1 31	39 7	17 46	24 5	24 6	15 35			n.a.
W29	9 59	17 13	4 22	1 50	1 55	18 53	1 31	23 48	3 19	25 38	1 44	18 26	2 19	2 39	0 36	7 0	1 31	39 7	17 46	24 5	24 6	15 32			n.a.
T 30	9 37	20 54	3 39	1 0	2 1	18 31	1 31	23 47	3 15	25 38	1 44	18 24	2 19	2 38	0 36	7 1	1 31	39 7	17 45	24 5	24 6	15 30			n.a.
F 31	9s15	23n24	2n46	0s12	2n 7	18s10	1s31	23n45	3n11	25n37	1n44	18s21	2s19	2s36	0s36	7n 1	1s31	39n 7	17n45	24s 5	24s 6	15n27			n.a.

Julian Day Number = 191815.5, Delta T = 32h26m34s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'20, Lahiri = -61°29'20 Julian Calendar 1 March 4188 BCE == Greg. Calendar 27 Jan. 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

APRIL 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 27 58	7♓45'44	12♊25	26♓29	16♒29	0°R16	7°R26	17♒13	25♓ 1	21♈ 3	25°R 0	2°D46	1♑43	9♌16	n.a.	S 1
S 2	10 31 55	8°42'49	24°37	28°10	17°42	0♌10	7♋25	17°20	25° 4	21° 4	24♋59	2♑47	1°40	9°23	n.a.	S 2
M 3	10 35 51	9°39'54	6♋36	29°48	18°55	0° 5	7°25	17°28	25° 8	21° 6	24°58	2°R47	1°37	9°29	n.a.	M 3
T 4	10 39 48	10°36'58	18°27	1♈23	20° 7	0° 0	7°24	17°35	25°11	21° 8	24°57	2°46	1°34	9°36	n.a.	T 4
W 5	10 43 44	11°34'01	0♌15	2°55	21°20	29♋57	7°24	17°43	25°15	21°10	24°56	2°42	1°30	9°43	n.a.	W 5
T 6	10 47 41	12°31'03	12° 4	4°25	22°33	29°54	7°D24	17°51	25°18	21°12	24°55	2°37	1°27	9°49	n.a.	T 6
F 7	10 51 37	13°28'04	23°57	5°52	23°45	29°52	7°24	17°58	25°22	21°13	24°54	2°28	1°24	9°56	n.a.	F 7
S 8	10 55 34	14°25'05	5♍56	7°15	24°58	29°51	7°24	18° 6	25°25	21°15	24°53	2°18	1°21	10° 3	n.a.	S 8
S 9	10 59 31	15°22'05	18° 2	8°36	26°11	29°D51	7°25	18°13	25°29	21°17	24°52	2° 5	1°18	10° 9	n.a.	S 9
M10	11 3 27	16°19'04	0♎18	9°54	27°24	29°51	7°25	18°20	25°32	21°19	24°51	1°53	1°14	10°16	n.a.	M10
T 11	11 7 24	17°16'04	12°44	11° 9	28°37	29°53	7°26	18°28	25°36	21°21	24°50	1°41	1°11	10°23	n.a.	T 11
W12	11 11 20	18°13'02	25°20	12°21	29°49	29°55	7°27	18°35	25°39	21°23	24°49	1°30	1° 8	10°29	n.a.	W12
T 13	11 15 17	19°10'01	8♏ 8	13°30	1♓ 2	29°58	7°28	18°42	25°43	21°25	24°48	1°23	1° 5	10°36	n.a.	T 13
F 14	11 19 13	20° 7'00	21° 8	14°35	2°15	0♌ 1	7°29	18°50	25°46	21°27	24°48	1°17	1° 2	10°43	n.a.	F 14
S 15	11 23 10	21° 3'58	4♐22	15°38	3°28	0° 6	7°31	18°57	25°50	21°29	24°47	1°15	0°59	10°49	n.a.	S 15
S 16	11 27 6	22° 0'57	17°52	16°37	4°41	0°11	7°33	19° 4	25°53	21°31	24°46	1°D14	0°55	10°56	n.a.	S 16
M17	11 31 3	22°57'56	1♑40	17°33	5°54	0°17	7°34	19°11	25°57	21°33	24°46	1°R14	0°52	11° 3	n.a.	M17
T 18	11 35 0	23°54'55	15°47	18°25	7° 7	0°24	7°37	19°18	26° 0	21°35	24°45	1°13	0°49	11°10	n.a.	T 18
W19	11 38 56	24°51'54	0♒11	19°14	8°20	0°32	7°39	19°25	26° 4	21°37	24°44	1°11	0°46	11°16	n.a.	W19
T 20	11 42 53	25°48'53	14°52	19°59	9°33	0°40	7°41	19°32	26° 8	21°39	24°44	1° 7	0°43	11°23	n.a.	T 20
F 21	11 46 49	26°45'52	29°43	20°40	10°46	0°49	7°44	19°39	26°11	21°41	24°43	1° 0	0°39	11°30	n.a.	F 21
S 22	11 50 46	27°42'51	14♓37	21°17	11°59	0°59	7°46	19°46	26°15	21°43	24°43	0°50	0°36	11°36	n.a.	S 22
S 23	11 54 42	28°39'50	29°25	21°50	13°12	1° 9	7°49	19°53	26°18	21°45	24°42	0°39	0°33	11°43	n.a.	S 23
M24	11 58 39	29°36'49	14♈ 0	22°19	14°26	1°21	7°52	20° 0	26°22	21°47	24°42	0°28	0°30	11°50	n.a.	M24
T 25	12 2 36	0♈33'48	28°13	22°44	15°39	1°32	7°56	20° 7	26°25	21°49	24°41	0°18	0°27	11°56	n.a.	T 25
W26	12 6 32	1°30'48	12♉ 0	23° 5	16°52	1°45	7°59	20°14	26°29	21°51	24°41	0°10	0°24	12° 3	n.a.	W26
T 27	12 10 29	2°27'47	25°21	23°21	18° 5	1°58	8° 3	20°20	26°32	21°53	24°40	0° 4	0°20	12°10	n.a.	T 27
F 28	12 14 25	3°24'46	8♊15	23°32	19°18	2°12	8° 6	20°27	26°36	21°55	24°40	0° 1	0°17	12°16	n.a.	F 28
S 29	12 18 22	4°21'45	20°46	23°39	20°32	2°27	8°10	20°33	26°40	21°58	24°40	29♐59	0°14	12°23	n.a.	S 29
S 30	12 22 19	5♈18'44	2♋59	23°R41	21♓45	2♌42	8♋14	20♒40	26♓43	22♈ 0	24♋39	29♐59	0♑11	12♌30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s54	24n41	1n47	0n35	2n12	17s47	1s32	23n43	3n 8	25n37	1n43	18s19	2s19	2s35	0s36	7n 2	1s31	39n 7	17n45	24s 5	24s 6	15n25		n.a.
S 2	8 32	24 44	0 43	1 20	2 17	17 25	1 32	23 41	3 4	25 37	1 43	18 17	2 19	2 34	0 36	7 3	1 31	39 7	17 44	24 5	24 6	15 23		n.a.
M 3	8 10	23 36	0s20	2 3	2 20	17 1	1 31	23 38	3 0	25 37	1 43	18 14	2 19	2 32	0 36	7 4	1 31	39 6	17 44	24 5	24 6	15 20		n.a.
T 4	7 48	21 27	1 23	2 45	2 24	16 38	1 31	23 36	2 57	25 37	1 43	18 12	2 20	2 31	0 36	7 4	1 31	39 6	17 43	24 5	24 6	15 18		n.a.
W 5	7 25	18 23	2 21	3 25	2 26	16 13	1 31	23 33	2 53	25 36	1 42	18 10	2 20	2 29	0 36	7 5	1 31	39 6	17 43	24 5	24 6	15 15		n.a.
T 6	7 3	14 35	3 13	4 3	2 28	15 49	1 31	23 30	2 49	25 36	1 42	18 8	2 20	2 28	0 36	7 6	1 31	39 6	17 42	24 5	24 6	15 13		n.a.
F 7	6 41	10 12	3 57	4 39	2 29	15 24	1 31	23 27	2 45	25 36	1 42	18 5	2 20	2 26	0 36	7 6	1 31	39 6	17 42	24 6	24 7	15 10		n.a.
S 8	6 18	5 25	4 30	5 14	2 29	14 58	1 30	23 23	2 42	25 36	1 42	18 3	2 20	2 25	0 36	7 7	1 31	39 5	17 42	24 6	24 7	15 8		n.a.
S 9	5 55	0 24	4 52	5 46	2 29	14 33	1 30	23 20	2 38	25 35	1 41	18 1	2 20	2 24	0 36	7 8	1 31	39 5	17 41	24 6	24 7	15 5		n.a.
M10	5 33	4s42	5 1	6 17	2 28	14 6	1 29	23 16	2 34	25 35	1 41	17 58	2 20	2 22	0 36	7 9	1 31	39 5	17 41	24 6	24 7	15 3		n.a.
T 11	5 10	9 41	4 56	6 46	2 26	13 40	1 29	23 12	2 31	25 35	1 41	17 56	2 20	2 21	0 36	7 10	1 31	39 5	17 40	24 6	24 7	15 0		n.a.
W12	4 47	14 20	4 36	7 12	2 23	13 13	1 28	23 8	2 27	25 35	1 41	17 54	2 21	2 19	0 36	7 10	1 31	39 4	17 40	24 6	24 7	14 58		n.a.
T 13	4 24	18 25	4 2	7 37	2 20	12 46	1 27	23 4	2 23	25 34	1 40	17 52	2 21	2 18	0 36	7 11	1 31	39 4	17 39	24 7	24 7	14 55		n.a.
F 14	4 1	21 41	3 15	7 59	2 16	12 18	1 26	22 59	2 20	25 34	1 40	17 50	2 21	2 16	0 36	7 12	1 31	39 4	17 39	24 7	24 7	14 53		n.a.
S 15	3 38	23 51	2 17	8 20	2 11	11 50	1 26	22 55	2 16	25 34	1 40	17 47	2 21	2 15	0 36	7 13	1 31	39 3	17 38	24 7	24 7	14 50		n.a.
S 16	3 15	24 43	1 10	8 38	2 6	11 22	1 25	22 50	2 13	25 33	1 40	17 45	2 21	2 13	0 36	7 13	1 30	39 3	17 38	24 7	24 7	14 48		n.a.
M17	2 52	24 4	0n 2	8 55	2 0	10 54	1 24	22 46	2 9	25 33	1 39	17 43	2 21	2 12	0 36	7 14	1 30	39 3	17 37	24 7	24 7	14 45		n.a.
T 18	2 29	21 54	1 16	9 9	1 53	10 25	1 23	22 41	2 6	25 32	1 39	17 41	2 21	2 11	0 36	7 15	1 30	39 2	17 37	24 7	24 7	14 43		n.a.
W19	2 6	18 18	2 27	9 21	1 45	9 56	1 22	22 36	2 2	25 32	1 39	17 39	2 22	2 9	0 36	7 16	1 30	39 2	17 36	24 7	24 7	14 40		n.a.
T 20	1 43	13 31	3 29	9 30	1 37	9 26	1 20	22 30	1 59	25 32	1 39	17 37	2 22	2 8	0 36	7 17	1 30	39 2	17 36	24 7	24 7	14 38		n.a.
F 21	1 19	7 53	4 17	9 38	1 27	8 57	1 19	22 25	1 55	25 31	1 38	17 34	2 22	2 6	0 36	7 17	1 30	39 1	17 35	24 7	24 7	14 35		n.a.
S 22	0 56	1 48	4 49	9 43	1 18	8 27	1 18	22 19	1 52	25 31	1 38	17 32	2 22	2 5	0 36	7 18	1 30	39 1	17 35	24 7	24 7	14 33		n.a.
S 23	0 33	4n20	5 0	9 46	1 7	7 57	1 17	22 14	1 49	25 30	1 38	17 30	2 22	2 3	0 36	7 19	1 30	39 0	17 34	24 7	24 7	14 30		n.a.
M24	0 9	10 8	4 52	9 47	0 56	7 27	1 15	22 8	1 45	25 30	1 38	17 28	2 22	2 2	0 36	7 20	1 30	39 0	17 34	24 7	24 7	14 28		n.a.
T 25	0n14	15 15	4 26	9 46	0 44	6 57	1 14	22 2	1 42	25 30	1 38	17 26	2 23	2 0	0 36	7 21	1 30	39 0	17 33	24 7	24 7	14 25		n.a.
W26	0 37	19 25	3 45	9 42	0 31	6 26	1 12	21 56	1 39	25 29	1 37	17 24	2 23	1 59	0 36	7 22	1 30	38 59	17 33	24 7	24 7	14 23		n.a.
T 27	1 0	22 25	2 52	9 36	0 18	5 55	1 11	21 50	1 36	25 29	1 37	17 22	2 23	1 57	0 36	7 22	1 30	38 59	17 32	24 7	24 7	14 20		n.a.
F 28	1 24	24 9	1 52	9 27	0 4	5 24	1 9	21 43	1 32	25 28	1 37	17 20	2 23	1 56	0 36	7 23	1 30	38 58	17 32	24 7	24 7	14 18		n.a.
S 29	1 47	24 36	0 49	9 17	0s10	4 53	1 8	21 37	1 29	25 28	1 37	17 18	2 23	1 55	0 36	7 24	1 30	38 58	17 31	24 7	24 7	14 15		n.a.
S 30	2n10	23n49	0s16	9n 4	0s25	4s22	1s 6	21n30	1n26	25n27	1n36	17s16	2s24	1s53	0s36	7n25	1s30	38n57	17n31	24s 7	24s 7	14n13		n.a.

Julian Day Number = 191846.5, Delta T = 32h26m31s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'16, Lahiri = -61°29'15 Julian Calendar 1 Apr. 4188 BCE == Greg. Calendar 27 Feb. 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

MAY 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 26 15	6♈15'43	14♋58	23°R39	22♓58	2♌58	8♋18	20♒46	26♓47	22♈ 2	24°R39	29°R59	0♉ 8	12♌36	n.a.	M 1
T 2	12 30 12	7°12'42	26°50	23♈32	24°12	3°14	8°23	20°53	26°50	22° 4	24♋39	29♐58	0° 5	12°43	n.a.	T 2
W 3	12 34 8	8° 9'41	8♌39	23°20	25°25	3°31	8°27	20°59	26°54	22° 6	24°39	29°55	0° 1	12°50	n.a.	W 3
T 4	12 38 5	9° 6'40	20°31	23° 4	26°38	3°49	8°32	21° 5	26°57	22° 8	24°39	29°49	29♐58	12°56	n.a.	T 4
F 5	12 42 1	10° 3'40	2♍28	22°44	27°52	4° 7	8°37	21°12	27° 1	22°11	24°39	29°41	29°55	13° 3	n.a.	F 5
S 6	12 45 58	11° 0'39	14°34	22°20	29° 5	4°26	8°42	21°18	27° 4	22°13	24°39	29°31	29°52	13°10	n.a.	S 6
S 7	12 49 55	11°57'39	26°51	21°52	0♈19	4°45	8°47	21°24	27° 8	22°15	24°38	29°18	29°49	13°16	n.a.	S 7
M 8	12 53 51	12°54'40	9♎21	21°21	1°32	5° 5	8°52	21°30	27°11	22°17	24°D38	29° 6	29°45	13°23	n.a.	M 8
T 9	12 57 48	13°51'41	22° 3	20°47	2°45	5°25	8°58	21°36	27°14	22°19	24°38	28°54	29°42	13°30	n.a.	T 9
W10	13 1 44	14°48'42	4♏57	20°11	3°59	5°46	9° 3	21°42	27°18	22°22	24°39	28°44	29°39	13°36	n.a.	W10
T 11	13 5 41	15°45'45	18° 3	19°33	5°12	6° 7	9° 9	21°47	27°21	22°24	24°39	28°36	29°36	13°43	n.a.	T 11
F 12	13 9 37	16°42'48	1♐20	18°54	6°26	6°29	9°15	21°53	27°25	22°26	24°39	28°30	29°33	13°50	n.a.	F 12
S 13	13 13 34	17°39'52	14°49	18°14	7°40	6°52	9°21	21°59	27°28	22°28	24°39	28°28	29°30	13°57	n.a.	S 13
S 14	13 17 31	18°36'57	28°28	17°35	8°53	7°14	9°27	22° 5	27°32	22°30	24°39	28°D27	29°26	14° 3	n.a.	S 14
M15	13 21 27	19°34'04	12♑18	16°57	10° 7	7°38	9°34	22°10	27°35	22°33	24°39	28°27	29°23	14°10	n.a.	M15
T 16	13 25 24	20°31'11	26°20	16°20	11°21	8° 1	9°40	22°16	27°38	22°35	24°40	28°R27	29°20	14°17	n.a.	T 16
W17	13 29 20	21°28'19	10♒34	15°45	12°34	8°26	9°47	22°21	27°42	22°37	24°40	28°26	29°17	14°23	n.a.	W17
T 18	13 33 17	22°25'29	24°56	15°14	13°48	8°50	9°54	22°26	27°45	22°39	24°40	28°23	29°14	14°30	n.a.	T 18
F 19	13 37 13	23°22'39	9♓25	14°46	15° 2	9°15	10° 0	22°32	27°48	22°42	24°41	28°17	29°10	14°37	n.a.	F 19
S 20	13 41 10	24°19'51	23°55	14°22	16°16	9°41	10° 7	22°37	27°52	22°44	24°41	28° 9	29° 7	14°43	n.a.	S 20
S 21	13 45 7	25°17'04	8♈21	14° 2	17°29	10° 7	10°15	22°42	27°55	22°46	24°41	27°59	29° 4	14°50	n.a.	S 21
M22	13 49 3	26°14'18	22°35	13°48	18°43	10°33	10°22	22°47	27°58	22°48	24°42	27°50	29° 1	14°57	n.a.	M22
T 23	13 53 0	27°11'33	6♉33	13°39	19°57	11° 0	10°29	22°52	28° 1	22°51	24°42	27°41	28°58	15° 3	n.a.	T 23
W24	13 56 56	28° 8'49	20° 9	13°D35	21°11	11°27	10°37	22°57	28° 4	22°53	24°43	27°34	28°55	15°10	n.a.	W24
T 25	14 0 53	29° 6'06	3♊23	13°37	22°25	11°54	10°44	23° 2	28° 8	22°55	24°44	27°29	28°51	15°17	n.a.	T 25
F 26	14 4 50	0♉ 3'25	16°14	13°45	23°39	12°22	10°52	23° 6	28°11	22°57	24°44	27°26	28°48	15°23	n.a.	F 26
S 27	14 8 46	1° 0'44	28°45	13°59	24°53	12°51	11° 0	23°11	28°14	22°59	24°45	27°D25	28°45	15°30	n.a.	S 27
S 28	14 12 43	1°58'04	10♋58	14°19	26° 7	13°19	11° 8	23°15	28°17	23° 2	24°45	27°26	28°42	15°37	n.a.	S 28
M29	14 16 39	2°55'25	22°59	14°46	27°21	13°48	11°16	23°20	28°20	23° 4	24°46	27°27	28°39	15°44	n.a.	M29
T 30	14 20 36	3°52'47	4♌52	15°19	28°35	14°18	11°25	23°24	28°23	23° 6	24°47	27°R28	28°36	15°50	n.a.	T 30
W31	14 24 32	4♉50'10	16♌43	15♈58	29♈49	14♌47	11♋33	23♒28	28♓26	23♈ 8	24♋48	27♐27	28♐32	15♌57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	2n33	21n57	1s18	8n49	0s40	3s51	1s 4	21n23	1n23	25n27	1n36	17s14	2s24	1s52	0s36	7n26	1s30	38n57	17n30	24s 7	24s 7	14n10			n.a.
T 2	2 56	19 9	2 17	8 32	0 55	3 19	1 3	21 17	1 20	25 26	1 36	17 12	2 24	1 50	0 36	7 27	1 30	38 56	17 29	24 7	24 7	14 8			n.a.
W 3	3 19	15 34	3 9	8 13	1 11	2 48	1 1	21 10	1 17	25 26	1 36	17 10	2 24	1 49	0 36	7 27	1 30	38 56	17 29	24 7	24 7	14 5			n.a.
T 4	3 43	11 23	3 54	7 53	1 27	2 16	0 59	21 2	1 14	25 25	1 35	17 8	2 24	1 47	0 36	7 28	1 30	38 55	17 28	24 7	24 7	14 3			n.a.
F 5	4 6	6 44	4 28	7 31	1 42	1 45	0 57	20 55	1 11	25 25	1 35	17 7	2 25	1 46	0 36	7 29	1 30	38 55	17 28	24 7	24 7	14 0			n.a.
S 6	4 29	1 47	4 51	7 7	1 58	1 13	0 55	20 48	1 8	25 24	1 35	17 5	2 25	1 45	0 36	7 30	1 30	38 54	17 27	24 7	24 7	13 57			n.a.
S 7	4 51	3s17	5 1	6 42	2 13	0 41	0 53	20 40	1 5	25 23	1 35	17 3	2 25	1 43	0 36	7 31	1 30	38 54	17 27	24 7	24 7	13 55			n.a.
M 8	5 14	8 19	4 56	6 17	2 28	0 9	0 51	20 32	1 2	25 23	1 34	17 1	2 25	1 42	0 36	7 32	1 30	38 53	17 26	24 7	24 7	13 52			n.a.
T 9	5 37	13 5	4 37	5 51	2 42	0n22	0 49	20 25	0 59	25 22	1 34	16 59	2 25	1 40	0 36	7 33	1 30	38 53	17 25	24 7	24 7	13 50			n.a.
W10	6 0	17 21	4 4	5 24	2 56	0 54	0 47	20 17	0 57	25 22	1 34	16 58	2 26	1 39	0 36	7 33	1 30	38 52	17 25	24 7	24 7	13 47			n.a.
T 11	6 22	20 50	3 17	4 58	3 8	1 26	0 45	20 8	0 54	25 21	1 34	16 56	2 26	1 37	0 36	7 34	1 30	38 52	17 24	24 6	24 7	13 45			n.a.
F 12	6 45	23 16	2 19	4 32	3 20	1 58	0 43	20 0	0 51	25 20	1 34	16 54	2 26	1 36	0 36	7 35	1 30	38 51	17 24	24 6	24 7	13 42			n.a.
S 13	7 7	24 25	1 12	4 7	3 30	2 30	0 41	19 52	0 49	25 20	1 33	16 52	2 26	1 35	0 36	7 36	1 30	38 50	17 23	24 6	24 7	13 40			n.a.
S 14	7 30	24 6	0n 0	3 44	3 39	3 2	0 39	19 43	0 46	25 19	1 33	16 51	2 27	1 33	0 36	7 37	1 30	38 50	17 23	24 6	24 7	13 37			n.a.
M15	7 52	22 19	1 13	3 21	3 47	3 33	0 37	19 35	0 43	25 18	1 33	16 49	2 27	1 32	0 36	7 38	1 30	38 49	17 22	24 6	24 7	13 35			n.a.
T 16	8 14	19 9	2 23	3 1	3 53	4 5	0 34	19 26	0 41	25 17	1 33	16 47	2 27	1 31	0 36	7 39	1 30	38 49	17 22	24 6	24 7	13 32			n.a.
W17	8 36	14 49	3 24	2 43	3 58	4 37	0 32	19 17	0 38	25 17	1 32	16 46	2 27	1 29	0 36	7 39	1 30	38 48	17 21	24 6	24 7	13 29			n.a.
T 18	8 58	9 36	4 14	2 28	4 2	5 8	0 30	19 8	0 36	25 16	1 32	16 44	2 28	1 28	0 36	7 40	1 30	38 47	17 20	24 6	24 7	13 27			n.a.
F 19	9 20	3 50	4 47	2 15	4 3	5 39	0 28	18 59	0 33	25 15	1 32	16 43	2 28	1 27	0 36	7 41	1 30	38 47	17 20	24 6	24 7	13 24			n.a.
S 20	9 41	2n 8	5 3	2 5	4 4	6 11	0 25	18 49	0 31	25 15	1 32	16 41	2 28	1 25	0 36	7 42	1 30	38 46	17 19	24 6	24 7	13 22			n.a.
S 21	10 3	7 57	4 59	1 59	4 3	6 42	0 23	18 40	0 28	25 14	1 32	16 40	2 28	1 24	0 36	7 43	1 30	38 45	17 19	24 6	24 7	13 19			n.a.
M22	10 24	13 16	4 36	1 55	4 0	7 13	0 21	18 30	0 26	25 13	1 31	16 38	2 29	1 23	0 36	7 44	1 30	38 45	17 18	24 6	24 7	13 17			n.a.
T 23	10 46	17 48	3 57	1 55	3 56	7 44	0 19	18 20	0 24	25 12	1 31	16 37	2 29	1 21	0 36	7 45	1 30	38 44	17 18	24 6	24 7	13 14			n.a.
W24	11 7	21 15	3 6	1 59	3 51	8 14	0 16	18 10	0 21	25 11	1 31	16 35	2 29	1 20	0 36	7 45	1 30	38 43	17 17	24 6	24 7	13 11			n.a.
T 25	11 28	23 28	2 5	2 5	3 44	8 45	0 14	18 0	0 19	25 10	1 31	16 34	2 29	1 19	0 36	7 46	1 30	38 43	17 16	24 5	24 7	13 9			n.a.
F 26	11 48	24 22	1 0	2 15	3 37	9 15	0 11	17 50	0 17	25 10	1 31	16 33	2 30	1 17	0 36	7 47	1 30	38 42	17 16	24 5	24 7	13 6			n.a.
S 27	12 9	23 59	0s 7	2 29	3 28	9 45	0 9	17 40	0 15	25 9	1 30	16 31	2 30	1 16	0 36	7 48	1 30	38 41	17 15	24 5	24 7	13 4			n.a.
S 28	12 29	22 27	1 12	2 45	3 19	10 15	0 7	17 29	0 12	25 8	1 30	16 30	2 30	1 15	0 36	7 49	1 30	38 41	17 15	24 5	24 7	13 1			n.a.
M29	12 50	19 55	2 13	3 5	3 9	10 45	0 4	17 19	0 10	25 7	1 30	16 29	2 30	1 14	0 36	7 50	1 30	38 40	17 14	24 5	24 7	12 59			n.a.
T 30	13 10	16 34	3 7	3 28	2 58	11 14	0 2	17 8	0 8	25 6	1 30	16 28	2 31	1 12	0 36	7 51	1 30	38 39	17 14	24 5	24 6	12 56			n.a.
W31	13n30	12n34	3s53	3n54	2s46	11n44	0n 0	16n57	0n 6	25n 5	1n30	16s26	2s31	1s11	0s36	7n51	1s30	38n39	17n13	24s 5	24s 6	12n53			n.a.

Julian Day Number = 191876.5, Delta T = 32h26m27s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'12, Lahiri = -61°29'11 Julian Calendar 1 May 4188 BCE == Greg. Calendar 29 March 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

JUNE 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 28 29	5♉47'33	28♌36	16♈43	1♉ 3	15♌17	11♋42	23♒33	28♓29	23♈10	24♋48	27°R24	28♐29	16♌ 4	n.a.	T 1
F 2	14 32 26	6°44'58	10♍37	17°34	2°17	15°48	11°50	23°37	28°32	23°13	24°49	27♐19	28°26	16°10	n.a.	F 2
S 3	14 36 22	7°42'24	22°49	18°31	3°31	16°18	11°59	23°41	28°35	23°15	24°50	27°13	28°23	16°17	n.a.	S 3
S 4	14 40 19	8°39'52	5♎14	19°34	4°45	16°49	12° 8	23°45	28°38	23°17	24°51	27° 5	28°20	16°24	n.a.	S 4
M 5	14 44 15	9°37'20	17°56	20°42	5°59	17°21	12°17	23°48	28°41	23°19	24°52	26°56	28°16	16°30	n.a.	M 5
T 6	14 48 12	10°34'51	0♏54	21°56	7°14	17°52	12°26	23°52	28°44	23°21	24°53	26°48	28°13	16°37	n.a.	T 6
W 7	14 52 8	11°32'22	14° 8	23°16	8°28	18°24	12°35	23°56	28°47	23°23	24°54	26°42	28°10	16°44	n.a.	W 7
T 8	14 56 5	12°29'55	27°37	24°40	9°42	18°57	12°44	23°59	28°50	23°26	24°55	26°37	28° 7	16°50	n.a.	T 8
F 9	15 0 1	13°27'30	11♐17	26°10	10°56	19°29	12°54	24° 3	28°52	23°28	24°56	26°34	28° 4	16°57	n.a.	F 9
S 10	15 3 58	14°25'06	25° 8	27°44	12°10	20° 2	13° 3	24° 6	28°55	23°30	24°57	26°D33	28° 1	17° 4	n.a.	S 10
S 11	15 7 55	15°22'45	9♑ 7	29°22	13°25	20°35	13°13	24° 9	28°58	23°32	24°58	26°33	27°57	17°11	n.a.	S 11
M12	15 11 51	16°20'25	23°11	1♉ 4	14°39	21° 8	13°22	24°13	29° 0	23°34	24°59	26°34	27°54	17°17	n.a.	M12
T 13	15 15 48	17°18'07	7♒20	2°49	15°53	21°42	13°32	24°16	29° 3	23°36	25° 1	26°36	27°51	17°24	n.a.	T 13
W14	15 19 44	18°15'51	21°31	4°38	17° 8	22°15	13°42	24°19	29° 6	23°38	25° 2	26°R36	27°48	17°31	n.a.	W14
T 15	15 23 41	19°13'37	5♓42	6°30	18°22	22°50	13°52	24°22	29° 8	23°40	25° 3	26°35	27°45	17°37	n.a.	T 15
F 16	15 27 37	20°11'25	19°52	8°23	19°37	23°24	14° 2	24°24	29°11	23°42	25° 4	26°32	27°41	17°44	n.a.	F 16
S 17	15 31 34	21° 9'15	3♈58	10°19	20°51	23°58	14°12	24°27	29°13	23°44	25° 6	26°28	27°38	17°51	n.a.	S 17
S 18	15 35 31	22° 7'07	17°57	12°16	22° 6	24°33	14°23	24°29	29°16	23°46	25° 7	26°23	27°35	17°57	n.a.	S 18
M19	15 39 27	23° 5'01	1♉44	14°15	23°20	25° 8	14°33	24°32	29°18	23°48	25° 8	26°18	27°32	18° 4	n.a.	M19
T 20	15 43 24	24° 2'56	15°18	16°14	24°35	25°44	14°43	24°34	29°21	23°50	25°10	26°13	27°29	18°11	n.a.	T 20
W21	15 47 20	25° 0'54	28°35	18°14	25°49	26°19	14°54	24°37	29°23	23°52	25°11	26° 9	27°26	18°17	n.a.	W21
T 22	15 51 17	25°58'54	11♊35	20°14	27° 4	26°55	15° 4	24°39	29°25	23°54	25°13	26° 7	27°22	18°24	n.a.	T 22
F 23	15 55 13	26°56'56	24°16	22°14	28°18	27°31	15°15	24°41	29°28	23°56	25°14	26°D 6	27°19	18°31	n.a.	F 23
S 24	15 59 10	27°54'59	6♋42	24°14	29°33	28° 7	15°26	24°43	29°30	23°58	25°16	26° 6	27°16	18°38	n.a.	S 24
S 25	16 3 7	28°53'04	18°53	26°13	0♊48	28°43	15°37	24°44	29°32	24° 0	25°17	26° 8	27°13	18°44	n.a.	S 25
M26	16 7 3	29°51'11	0♌53	28°12	2° 2	29°20	15°48	24°46	29°34	24° 2	25°19	26° 9	27°10	18°51	n.a.	M26
T 27	16 11 0	0♊49'19	12°46	0♊10	3°17	29°57	15°59	24°48	29°36	24° 4	25°20	26°11	27° 7	18°58	n.a.	T 27
W28	16 14 56	1°47'30	24°37	2° 7	4°32	0♍34	16°10	24°49	29°38	24° 6	25°22	26°12	27° 3	19° 4	n.a.	W28
T 29	16 18 53	2°45'42	6♍31	4° 3	5°46	1°11	16°21	24°51	29°40	24° 8	25°23	26°R12	27° 0	19°11	n.a.	T 29
F 30	16 22 49	3♊43'55	18♍32	5♊58	7♊ 1	1♍49	16♋32	24♒52	29♓42	24♈ 9	25♋25	26♐11	26♐57	19♌18	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n49	8n 5	4s30	4n23	2s34	12n12	0n 3	16n46	0n 4	25n 4	1n29	16s25	2s31	1s10	0s36	7n52	1s30	38n38	17n12	24s 5	24s 6	12n51		n.a.
F 2	14 9	3 16	4 54	4 55	2 21	12 41	0 5	16 35	0 2	25 3	1 29	16 24	2 31	1 9	0 36	7 53	1 30	38 37	17 12	24 5	24 6	12 48		n.a.
S 3	14 28	1s44	5 6	5 29	2 8	13 9	0 7	16 23	0s 0	25 2	1 29	16 23	2 32	1 7	0 36	7 54	1 30	38 36	17 11	24 5	24 6	12 46		n.a.
S 4	14 47	6 46	5 4	6 6	1 55	13 37	0 10	16 12	0 2	25 1	1 29	16 22	2 32	1 6	0 36	7 55	1 30	38 36	17 11	24 5	24 6	12 43		n.a.
M 5	15 6	11 38	4 47	6 45	1 41	14 5	0 12	16 0	0 4	25 0	1 29	16 21	2 32	1 5	0 36	7 55	1 30	38 35	17 10	24 5	24 6	12 41		n.a.
T 6	15 25	16 5	4 15	7 26	1 28	14 32	0 14	15 48	0 6	24 59	1 29	16 20	2 33	1 4	0 36	7 56	1 30	38 34	17 10	24 5	24 6	12 38		n.a.
W 7	15 43	19 50	3 29	8 9	1 14	14 59	0 17	15 36	0 8	24 58	1 28	16 19	2 33	1 3	0 36	7 57	1 30	38 34	17 9	24 4	24 6	12 35		n.a.
T 8	16 1	22 37	2 30	8 53	1 0	15 26	0 19	15 24	0 10	24 57	1 28	16 18	2 33	1 2	0 36	7 58	1 30	38 33	17 9	24 4	24 6	12 33		n.a.
F 9	16 19	24 7	1 22	9 39	0 47	15 52	0 21	15 12	0 12	24 56	1 28	16 17	2 34	1 1	0 36	7 59	1 30	38 32	17 8	24 4	24 6	12 30		n.a.
S 10	16 37	24 9	0 8	10 26	0 34	16 18	0 24	15 0	0 14	24 55	1 28	16 16	2 34	0 59	0 36	7 59	1 30	38 31	17 8	24 4	24 6	12 28		n.a.
S 11	16 54	22 40	1n 8	11 14	0 21	16 43	0 26	14 47	0 16	24 54	1 28	16 15	2 34	0 58	0 36	8 0	1 30	38 31	17 7	24 4	24 6	12 25		n.a.
M12	17 11	19 46	2 20	12 3	0 8	17 8	0 28	14 35	0 17	24 52	1 28	16 14	2 34	0 57	0 36	8 1	1 30	38 30	17 7	24 4	24 6	12 22		n.a.
T 13	17 28	15 41	3 23	12 51	0n 4	17 32	0 30	14 22	0 19	24 51	1 27	16 14	2 35	0 56	0 36	8 2	1 30	38 29	17 6	24 4	24 6	12 20		n.a.
W14	17 45	10 43	4 15	13 40	0 16	17 57	0 32	14 9	0 21	24 50	1 27	16 13	2 35	0 55	0 36	8 3	1 30	38 28	17 6	24 4	24 6	12 17		n.a.
T 15	18 1	5 11	4 51	14 29	0 27	18 20	0 35	13 56	0 23	24 49	1 27	16 12	2 35	0 54	0 36	8 3	1 30	38 28	17 5	24 4	24 6	12 15		n.a.
F 16	18 17	0n36	5 9	15 17	0 37	18 43	0 37	13 43	0 24	24 48	1 27	16 12	2 36	0 53	0 36	8 4	1 30	38 27	17 5	24 4	24 6	12 12		n.a.
S 17	18 33	6 19	5 8	16 4	0 47	19 6	0 39	13 30	0 26	24 46	1 27	16 11	2 36	0 52	0 36	8 5	1 30	38 26	17 4	24 4	24 6	12 9		n.a.
S 18	18 49	11 40	4 50	16 50	0 56	19 28	0 41	13 16	0 28	24 45	1 27	16 10	2 36	0 51	0 36	8 6	1 30	38 25	17 4	24 4	24 6	12 7		n.a.
M19	19 4	16 22	4 14	17 35	1 4	19 49	0 43	13 3	0 29	24 44	1 26	16 10	2 37	0 50	0 36	8 6	1 30	38 24	17 3	24 4	24 6	12 4		n.a.
T 20	19 19	20 8	3 25	18 18	1 12	20 10	0 45	12 49	0 31	24 42	1 26	16 9	2 37	0 49	0 36	8 7	1 30	38 24	17 3	24 4	24 5	12 2		n.a.
W21	19 33	22 45	2 25	19 0	1 19	20 31	0 47	12 35	0 33	24 41	1 26	16 9	2 37	0 48	0 36	8 8	1 30	38 23	17 2	24 3	24 5	11 59		n.a.
T 22	19 48	24 6	1 19	19 40	1 25	20 51	0 49	12 21	0 34	24 40	1 26	16 8	2 38	0 47	0 36	8 9	1 30	38 22	17 2	24 3	24 5	11 56		n.a.
F 23	20 1	24 9	0 10	20 18	1 30	21 10	0 51	12 7	0 36	24 38	1 26	16 8	2 38	0 46	0 36	8 9	1 30	38 21	17 1	24 3	24 5	11 54		n.a.
S 24	20 15	22 59	0s58	20 54	1 35	21 29	0 53	11 53	0 37	24 37	1 26	16 8	2 38	0 45	0 36	8 10	1 30	38 21	17 1	24 3	24 5	11 51		n.a.
S 25	20 28	20 44	2 2	21 27	1 39	21 47	0 54	11 39	0 39	24 35	1 26	16 7	2 38	0 45	0 36	8 11	1 30	38 20	17 0	24 3	24 5	11 48		n.a.
M26	20 41	17 37	3 0	21 59	1 42	22 4	0 56	11 24	0 40	24 34	1 26	16 7	2 39	0 44	0 36	8 11	1 30	38 19	17 0	24 3	24 5	11 46		n.a.
T 27	20 54	13 48	3 49	22 28	1 45	22 21	0 58	11 9	0 42	24 32	1 25	16 7	2 39	0 43	0 36	8 12	1 30	38 18	16 59	24 4	24 5	11 43		n.a.
W28	21 6	9 29	4 28	22 55	1 47	22 37	1 0	10 55	0 43	24 31	1 25	16 7	2 39	0 42	0 36	8 13	1 30	38 18	16 59	24 4	24 5	11 41		n.a.
T 29	21 18	4 48	4 57	23 20	1 48	22 53	1 1	10 40	0 45	24 29	1 25	16 6	2 40	0 41	0 36	8 13	1 30	38 17	16 58	24 4	24 5	11 38		n.a.
F 30	21n29	0s 6	5s12	23n42	1n49	23n 8	1n 3	10n25	0s46	24n28	1n25	16s 6	2s40	0s40	0s36	8n14	1s30	38n16	16n58	24s 4	24s 5	11n35		n.a.

Julian Day Number = 191907.5, Delta T = 32h26m24s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'08, Lahiri = -61°29'07 Julian Calendar 1 June 4188 BCE == Greg. Calendar 29 Apr. 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

JULY 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 26 46	4♊42'11	0♎45	7♊52	8♊16	2♍26	16♋44	24♒53	29♓44	24♈11	25♋27	26°R 9	26♐54	19♌24	n.a.	S 1
S 2	16 30 42	5°40'28	13°13	9°45	9°31	3° 4	16°55	24°54	29°46	24°13	25°29	26♐ 7	26°51	19°31	n.a.	S 2
M 3	16 34 39	6°38'47	26° 1	11°37	10°45	3°42	17° 6	24°55	29°48	24°15	25°30	26° 4	26°47	19°38	n.a.	M 3
T 4	16 38 35	7°37'08	9♏ 9	13°28	12° 0	4°20	17°18	24°56	29°50	24°16	25°32	26° 1	26°44	19°44	n.a.	T 4
W 5	16 42 32	8°35'31	22°39	15°17	13°15	4°58	17°29	24°57	29°52	24°18	25°34	25°59	26°41	19°51	n.a.	W 5
T 6	16 46 29	9°33'57	6♐27	17° 6	14°30	5°37	17°41	24°57	29°53	24°20	25°36	25°57	26°38	19°58	n.a.	T 6
F 7	16 50 25	10°32'24	20°33	18°53	15°45	6°16	17°53	24°58	29°55	24°22	25°37	25°D57	26°35	20° 5	n.a.	F 7
S 8	16 54 22	11°30'54	4♑50	20°39	16°59	6°54	18° 5	24°58	29°57	24°23	25°39	25°57	26°32	20°11	n.a.	S 8
S 9	16 58 18	12°29'26	19°16	22°24	18°14	7°33	18°16	24°58	29°58	24°25	25°41	25°57	26°28	20°18	n.a.	S 9
M10	17 2 15	13°28'00	3♒44	24° 8	19°29	8°13	18°28	24°59	29°59	24°26	25°43	25°58	26°25	20°25	n.a.	M10
T 11	17 6 11	14°26'36	18°10	25°51	20°44	8°52	18°40	24°R59	0♈ 1	24°28	25°45	25°59	26°22	20°31	n.a.	T 11
W12	17 10 8	15°25'15	2♓30	27°32	21°59	9°31	18°52	24°59	0° 3	24°30	25°47	26° 0	26°19	20°38	n.a.	W12
T 13	17 14 4	16°23'57	16°42	29°13	23°14	10°11	19° 4	24°58	0° 4	24°31	25°49	26°R 0	26°16	20°45	n.a.	T 13
F 14	17 18 1	17°22'41	0♈42	0♋52	24°29	10°51	19°17	24°58	0° 6	24°33	25°51	26° 0	26°13	20°51	n.a.	F 14
S 15	17 21 57	18°21'28	14°31	2°31	25°44	11°30	19°29	24°58	0° 7	24°34	25°53	25°59	26° 9	20°58	n.a.	S 15
S 16	17 25 54	19°20'17	28° 6	4° 8	26°59	12°11	19°41	24°57	0° 8	24°36	25°55	25°59	26° 6	21° 5	n.a.	S 16
M17	17 29 51	20°19'08	11♉28	5°45	28°14	12°51	19°53	24°57	0° 9	24°37	25°57	25°58	26° 3	21°12	n.a.	M17
T 18	17 33 47	21°18'03	24°36	7°20	29°29	13°31	20° 6	24°56	0°11	24°38	25°59	25°57	26° 0	21°18	n.a.	T 18
W19	17 37 44	22°16'59	7♊30	8°54	0♋44	14°11	20°18	24°55	0°12	24°40	26° 1	25°57	25°57	21°25	n.a.	W19
T 20	17 41 40	23°15'58	20°11	10°28	1°59	14°52	20°30	24°54	0°13	24°41	26° 3	25°D57	25°53	21°32	n.a.	T 20
F 21	17 45 37	24°14'59	2♋38	12° 0	3°14	15°33	20°43	24°53	0°14	24°43	26° 5	25°57	25°50	21°38	n.a.	F 21
S 22	17 49 33	25°14'03	14°54	13°32	4°29	16°14	20°55	24°52	0°15	24°44	26° 7	25°57	25°47	21°45	n.a.	S 22
S 23	17 53 30	26°13'09	26°59	15° 2	5°44	16°55	21° 8	24°50	0°16	24°45	26°10	25°R57	25°44	21°52	n.a.	S 23
M24	17 57 26	27°12'16	8♌56	16°31	6°59	17°36	21°21	24°49	0°16	24°46	26°12	25°57	25°41	21°58	n.a.	M24
T 25	18 1 23	28°11'26	20°48	18° 0	8°14	18°17	21°33	24°48	0°17	24°48	26°14	25°56	25°38	22° 5	n.a.	T 25
W26	18 5 19	29°10'38	2♍39	19°27	9°29	18°58	21°46	24°46	0°18	24°49	26°16	25°56	25°34	22°12	n.a.	W26
T 27	18 9 16	0♋ 9'52	14°31	20°53	10°44	19°40	21°59	24°44	0°19	24°50	26°18	25°56	25°31	22°19	n.a.	T 27
F 28	18 13 12	1° 9'08	26°30	22°19	11°59	20°21	22°12	24°42	0°19	24°51	26°21	25°D56	25°28	22°25	n.a.	F 28
S 29	18 17 9	2° 8'26	8♎41	23°43	13°14	21° 3	22°24	24°40	0°20	24°52	26°23	25°56	25°25	22°32	n.a.	S 29
S 30	18 21 5	3° 7'46	21° 7	25° 6	14°29	21°45	22°37	24°38	0°20	24°53	26°25	25°56	25°22	22°39	n.a.	S 30
M31	18 25 2	4♋ 7'09	3♏53	26♋28	15♋44	22♍27	22♋50	24♒36	0♈21	24♈54	26♋27	25♐57	25♐19	22♌45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n41	5s 5	5s14	24n 2	1n49	23n22	1n 5	10n10	0s47	24n26	1n25	16s 6	2s40	0s40	0s36	8n15	1s30	38n15	16n58	24s 3	24s 5	11n33		n.a.	S 1
S 2	21 51	9 58	5 1	24 20	1 49	23 35	1 6	9 55	0 49	24 25	1 25	16 6	2 41	0 39	0 36	8 15	1 30	38 14	16 57	24 3	24 5	11 30		n.a.	S 2
M 3	22 2	14 33	4 33	24 36	1 48	23 48	1 7	9 39	0 50	24 23	1 25	16 6	2 41	0 38	0 36	8 16	1 30	38 14	16 57	24 3	24 5	11 27		n.a.	M 3
T 4	22 12	18 34	3 50	24 50	1 47	24 0	1 9	9 24	0 51	24 21	1 25	16 6	2 41	0 37	0 37	8 17	1 30	38 13	16 56	24 3	24 4	11 25		n.a.	T 4
W 5	22 21	21 45	2 54	25 1	1 45	24 12	1 10	9 8	0 53	24 20	1 24	16 6	2 42	0 37	0 37	8 17	1 30	38 12	16 56	24 3	24 4	11 22		n.a.	W 5
T 6	22 31	23 44	1 46	25 11	1 43	24 22	1 12	8 53	0 54	24 18	1 24	16 6	2 42	0 36	0 37	8 18	1 30	38 11	16 56	24 3	24 4	11 20		n.a.	T 6
F 7	22 39	24 16	0 30	25 18	1 40	24 32	1 13	8 37	0 55	24 16	1 24	16 6	2 42	0 35	0 37	8 19	1 30	38 11	16 55	24 3	24 4	11 17		n.a.	F 7
S 8	22 48	23 12	0n49	25 23	1 37	24 41	1 14	8 21	0 56	24 15	1 24	16 6	2 43	0 35	0 37	8 19	1 30	38 10	16 55	24 3	24 4	11 14		n.a.	S 8
S 9	22 56	20 37	2 6	25 27	1 34	24 50	1 15	8 5	0 58	24 13	1 24	16 7	2 43	0 34	0 37	8 20	1 30	38 9	16 54	24 3	24 4	11 12		n.a.	S 9
M10	23 3	16 43	3 14	25 29	1 30	24 57	1 16	7 49	0 59	24 11	1 24	16 7	2 43	0 33	0 37	8 20	1 30	38 8	16 54	24 3	24 4	11 9		n.a.	M10
T 11	23 11	11 51	4 11	25 29	1 26	25 4	1 17	7 33	1 0	24 9	1 24	16 7	2 44	0 33	0 37	8 21	1 30	38 7	16 54	24 3	24 4	11 6		n.a.	T 11
W12	23 17	6 22	4 51	25 27	1 21	25 10	1 18	7 17	1 1	24 8	1 24	16 7	2 44	0 32	0 37	8 21	1 30	38 7	16 53	24 3	24 4	11 4		n.a.	W12
T 13	23 24	0 37	5 13	25 23	1 17	25 15	1 19	7 0	1 2	24 6	1 24	16 8	2 44	0 32	0 37	8 22	1 30	38 6	16 53	24 3	24 4	11 1		n.a.	T 13
F 14	23 30	5n 5	5 16	25 18	1 12	25 20	1 20	6 44	1 3	24 4	1 24	16 8	2 45	0 31	0 37	8 23	1 30	38 5	16 53	24 3	24 4	10 58		n.a.	F 14
S 15	23 35	10 28	5 1	25 12	1 6	25 23	1 21	6 28	1 4	24 2	1 24	16 9	2 45	0 31	0 37	8 23	1 30	38 4	16 52	24 3	24 3	10 56		n.a.	S 15
S 16	23 40	15 15	4 29	25 4	1 1	25 26	1 22	6 11	1 5	24 0	1 24	16 9	2 45	0 30	0 37	8 24	1 30	38 4	16 52	24 3	24 3	10 53		n.a.	S 16
M17	23 45	19 12	3 42	24 54	0 55	25 28	1 22	5 54	1 6	23 58	1 23	16 10	2 45	0 30	0 37	8 24	1 30	38 3	16 52	24 3	24 3	10 51		n.a.	M17
T 18	23 49	22 7	2 45	24 43	0 49	25 30	1 23	5 37	1 7	23 56	1 23	16 10	2 46	0 29	0 37	8 25	1 31	38 2	16 51	24 3	24 3	10 48		n.a.	T 18
W19	23 53	23 50	1 41	24 31	0 43	25 30	1 23	5 21	1 8	23 54	1 23	16 11	2 46	0 29	0 37	8 25	1 31	38 1	16 51	24 3	24 3	10 45		n.a.	W19
T 20	23 56	24 16	0 32	24 18	0 36	25 30	1 24	5 4	1 9	23 52	1 23	16 11	2 46	0 28	0 37	8 26	1 31	38 1	16 51	24 3	24 3	10 43		n.a.	T 20
F 21	23 59	23 28	0s37	24 3	0 30	25 29	1 24	4 47	1 10	23 50	1 23	16 12	2 47	0 28	0 37	8 26	1 31	38 0	16 50	24 3	24 3	10 40		n.a.	F 21
S 22	24 1	21 33	1 43	23 47	0 23	25 27	1 25	4 29	1 11	23 48	1 23	16 13	2 47	0 28	0 37	8 27	1 31	37 59	16 50	24 3	24 3	10 37		n.a.	S 22
S 23	24 3	18 40	2 44	23 30	0 16	25 24	1 25	4 12	1 12	23 46	1 23	16 14	2 47	0 27	0 37	8 27	1 31	37 58	16 50	24 3	24 3	10 35		n.a.	S 23
M24	24 5	15 3	3 37	23 13	0 9	25 21	1 25	3 55	1 13	23 44	1 23	16 14	2 48	0 27	0 37	8 27	1 31	37 58	16 50	24 3	24 3	10 32		n.a.	M24
T 25	24 6	10 52	4 20	22 54	0 2	25 16	1 25	3 38	1 14	23 42	1 23	16 15	2 48	0 27	0 37	8 28	1 31	37 57	16 49	24 3	24 2	10 29		n.a.	T 25
W26	24 7	6 18	4 52	22 34	0s 5	25 11	1 25	3 20	1 15	23 40	1 23	16 16	2 48	0 26	0 37	8 28	1 31	37 56	16 49	24 3	24 2	10 27		n.a.	W26
T 27	24 7	1 30	5 11	22 14	0 13	25 5	1 26	3 3	1 16	23 38	1 23	16 17	2 49	0 26	0 37	8 29	1 31	37 56	16 49	24 3	24 2	10 24		n.a.	T 27
F 28	24 6	3s24	5 17	21 52	0 20	24 59	1 25	2 45	1 17	23 35	1 23	16 18	2 49	0 26	0 37	8 29	1 31	37 55	16 49	24 3	24 2	10 21		n.a.	F 28
S 29	24 6	8 15	5 9	21 30	0 28	24 51	1 25	2 28	1 18	23 33	1 23	16 19	2 49	0 26	0 37	8 29	1 31	37 54	16 48	24 3	24 2	10 19		n.a.	S 29
S 30	24 4	12 52	4 47	21 8	0 36	24 43	1 25	2 10	1 18	23 31	1 23	16 20	2 49	0 26	0 37	8 30	1 31	37 53	16 48	24 3	24 2	10 16		n.a.	S 30
M31	24n 3	17s 4	4s10	20n45	0s44	24n34	1n25	1n52	1s19	23n29	1n23	16s21	2s50	0s25	0s37	8n30	1s31	37n53	16n48	24s 3	24s 2	10n13		n.a.	M31

Julian Day Number = 191937.5, Delta T = 32h26m21s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°36'04, Lahiri = -61°29'03 Julian Calendar 1 July 4188 BCE == Greg. Calendar 29 May 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

AUGUST 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 28 59	5♋ 6'33	17♏ 1	27♋48	17♋ 0	23♍ 9	23♋ 3	24°R34	0♈21	24♈55	26♋30	25♐57	25♐15	22♌52	n.a.	T 1
W 2	18 32 55	6° 5'59	0♐35	29° 8	18°15	23°51	23°16	24♒32	0°22	24°56	26°32	25°58	25°12	22°59	n.a.	W 2
T 3	18 36 52	7° 5'28	14°35	0♌26	19°30	24°33	23°29	24°29	0°22	24°57	26°34	25°59	25° 9	23° 6	n.a.	T 3
F 4	18 40 48	8° 4'58	28°57	1°43	20°45	25°15	23°42	24°27	0°22	24°58	26°37	25°R59	25° 6	23°12	n.a.	F 4
S 5	18 44 45	9° 4'31	13♑37	2°59	22° 0	25°58	23°55	24°24	0°23	24°59	26°39	25°59	25° 3	23°19	n.a.	S 5
S 6	18 48 41	10° 4'07	28°29	4°12	23°15	26°40	24° 8	24°21	0°23	25° 0	26°41	25°58	24°59	23°26	n.a.	S 6
M 7	18 52 38	11° 3'44	13♒24	5°25	24°30	27°23	24°21	24°18	0°23	25° 1	26°44	25°56	24°56	23°32	n.a.	M 7
T 8	18 56 34	12° 3'24	28°16	6°35	25°45	28° 5	24°34	24°15	0°23	25° 1	26°46	25°54	24°53	23°39	n.a.	T 8
W 9	19 0 31	13° 3'07	12♓55	7°44	27° 0	28°48	24°47	24°12	0°R23	25° 2	26°48	25°52	24°50	23°46	n.a.	W 9
T 10	19 4 27	14° 2'52	27°18	8°50	28°15	29°31	25° 0	24° 9	0°23	25° 3	26°51	25°50	24°47	23°52	n.a.	T 10
F 11	19 8 24	15° 2'39	11♈21	9°55	29°30	0♎14	25°14	24° 6	0°23	25° 4	26°53	25°D50	24°44	23°59	n.a.	F 11
S 12	19 12 20	16° 2'29	25° 3	10°57	0♌46	0°57	25°27	24° 3	0°23	25° 4	26°55	25°50	24°40	24° 6	n.a.	S 12
S 13	19 16 17	17° 2'22	8♉25	11°56	2° 1	1°40	25°40	23°59	0°22	25° 5	26°58	25°51	24°37	24°13	n.a.	S 13
M14	19 20 13	18° 2'17	21°29	12°53	3°16	2°23	25°53	23°56	0°22	25° 6	27° 0	25°52	24°34	24°19	n.a.	M14
T 15	19 24 10	19° 2'15	4♊17	13°46	4°31	3° 6	26° 6	23°52	0°22	25° 6	27° 3	25°54	24°31	24°26	n.a.	T 15
W16	19 28 7	20° 2'15	16°50	14°36	5°46	3°50	26°20	23°49	0°22	25° 7	27° 5	25°55	24°28	24°33	n.a.	W16
T 17	19 32 3	21° 2'17	29°13	15°22	7° 1	4°33	26°33	23°45	0°21	25° 7	27° 7	25°R55	24°25	24°39	n.a.	T 17
F 18	19 36 0	22° 2'22	11♋25	16° 4	8°16	5°16	26°46	23°41	0°21	25° 8	27°10	25°54	24°21	24°46	n.a.	F 18
S 19	19 39 56	23° 2'29	23°30	16°41	9°31	6° 0	27° 0	23°37	0°20	25° 8	27°12	25°52	24°18	24°53	n.a.	S 19
S 20	19 43 53	24° 2'38	5♌28	17°13	10°46	6°44	27°13	23°33	0°20	25° 8	27°15	25°48	24°15	25° 0	n.a.	S 20
M21	19 47 49	25° 2'48	17°22	17°39	12° 1	7°27	27°26	23°29	0°19	25° 9	27°17	25°43	24°12	25° 6	n.a.	M21
T 22	19 51 46	26° 3'01	29°13	17°59	13°16	8°11	27°39	23°25	0°18	25° 9	27°19	25°37	24° 9	25°13	n.a.	T 22
W23	19 55 42	27° 3'16	11♍ 3	18°13	14°32	8°55	27°53	23°21	0°18	25° 9	27°22	25°32	24° 5	25°20	n.a.	W23
T 24	19 59 39	28° 3'33	22°56	18°R19	15°47	9°39	28° 6	23°17	0°17	25°10	27°24	25°27	24° 2	25°26	n.a.	T 24
F 25	20 3 35	29° 3'52	4♎53	18°17	17° 2	10°23	28°19	23°12	0°16	25°10	27°27	25°23	23°59	25°33	n.a.	F 25
S 26	20 7 32	0♌ 4'12	17° 1	18° 6	18°17	11° 7	28°33	23° 8	0°15	25°10	27°29	25°20	23°56	25°40	n.a.	S 26
S 27	20 11 28	1° 4'34	29°22	17°47	19°32	11°51	28°46	23° 4	0°14	25°10	27°31	25°D19	23°53	25°46	n.a.	S 27
M28	20 15 25	2° 4'58	12♏ 1	17°18	20°47	12°35	28°59	22°59	0°13	25°10	27°34	25°19	23°50	25°53	n.a.	M28
T 29	20 19 21	3° 5'24	25° 2	16°40	22° 2	13°19	29°13	22°55	0°12	25°10	27°36	25°21	23°46	26° 0	n.a.	T 29
W30	20 23 18	4° 5'51	8♐30	15°52	23°17	14° 3	29°26	22°50	0°11	25°10	27°39	25°22	23°43	26° 7	n.a.	W30
T 31	20 27 15	5♌ 6'20	22♐25	14♌56	24♌32	14♎47	29♋39	22♒45	0♈10	25°R10	27♋41	25°R23	23♐40	26♌13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	24n 1	20s34	3s20	20n21	0s51	24n24	1n25	1n35	1s20	23n26	1n23	16s22	2s50	0s25	0s37	8n30	1s31	37n52	16n48	24s 3	24s 2	10n11			n.a.
W 2	23 58	23 4	2 16	19 57	0 59	24 13	1 24	1 17	1 21	23 24	1 23	16 23	2 50	0 25	0 37	8 31	1 31	37 51	16 48	24 3	24 2	10 8			n.a.
T 3	23 55	24 14	1 3	19 32	1 7	24 2	1 24	0 59	1 21	23 22	1 23	16 24	2 50	0 25	0 37	8 31	1 31	37 51	16 48	24 3	24 1	10 5			n.a.
F 4	23 51	23 50	0n16	19 7	1 15	23 50	1 23	0 41	1 22	23 19	1 23	16 25	2 51	0 25	0 37	8 31	1 31	37 50	16 47	24 3	24 1	10 3			n.a.
S 5	23 48	21 48	1 36	18 42	1 23	23 37	1 23	0 23	1 23	23 17	1 22	16 26	2 51	0 25	0 37	8 32	1 31	37 49	16 47	24 3	24 1	10 0			n.a.
S 6	23 43	18 16	2 50	18 17	1 31	23 24	1 22	0 5	1 24	23 15	1 22	16 27	2 51	0 25	0 37	8 32	1 31	37 49	16 47	24 3	24 1	9 57			n.a.
M 7	23 38	13 33	3 53	17 52	1 39	23 10	1 22	0s13	1 24	23 12	1 22	16 29	2 52	0 25	0 37	8 32	1 31	37 48	16 47	24 3	24 1	9 55			n.a.
T 8	23 33	8 3	4 40	17 26	1 46	22 55	1 21	0 31	1 25	23 10	1 22	16 30	2 52	0 25	0 37	8 33	1 31	37 47	16 47	24 3	24 1	9 52			n.a.
W 9	23 27	2 10	5 8	17 1	1 54	22 39	1 20	0 49	1 26	23 7	1 22	16 31	2 52	0 25	0 37	8 33	1 31	37 47	16 47	24 3	24 1	9 49			n.a.
T 10	23 21	3n42	5 16	16 36	2 2	22 23	1 19	1 7	1 26	23 5	1 22	16 32	2 52	0 25	0 37	8 33	1 31	37 46	16 47	24 3	24 1	9 47			n.a.
F 11	23 14	9 15	5 4	16 12	2 9	22 6	1 18	1 25	1 27	23 2	1 22	16 34	2 53	0 25	0 37	8 33	1 31	37 45	16 46	24 3	24 0	9 44			n.a.
S 12	23 7	14 13	4 36	15 48	2 16	21 49	1 17	1 43	1 27	23 0	1 22	16 35	2 53	0 25	0 37	8 33	1 31	37 45	16 46	24 3	24 0	9 41			n.a.
S 13	22 59	18 22	3 53	15 24	2 23	21 30	1 16	2 1	1 28	22 57	1 22	16 37	2 53	0 25	0 37	8 34	1 31	37 44	16 46	24 3	24 0	9 39			n.a.
M14	22 51	21 30	2 59	15 2	2 30	21 11	1 15	2 19	1 29	22 55	1 22	16 38	2 53	0 25	0 38	8 34	1 32	37 44	16 46	24 3	24 0	9 36			n.a.
T 15	22 43	23 30	1 56	14 40	2 37	20 52	1 14	2 37	1 29	22 52	1 22	16 39	2 53	0 25	0 38	8 34	1 32	37 43	16 46	24 3	24 0	9 33			n.a.
W16	22 34	24 16	0 50	14 19	2 43	20 32	1 13	2 56	1 30	22 50	1 22	16 41	2 54	0 25	0 38	8 34	1 32	37 42	16 46	24 3	24 0	9 31			n.a.
T 17	22 25	23 49	0s18	14 0	2 49	20 11	1 11	3 14	1 30	22 47	1 22	16 42	2 54	0 26	0 38	8 34	1 32	37 42	16 46	24 3	24 0	9 28			n.a.
F 18	22 15	22 13	1 24	13 42	2 54	19 50	1 10	3 32	1 31	22 44	1 22	16 44	2 54	0 26	0 38	8 34	1 32	37 41	16 46	24 3	23 59	9 25			n.a.
S 19	22 5	19 37	2 26	13 26	2 59	19 28	1 9	3 50	1 31	22 42	1 22	16 45	2 54	0 26	0 38	8 35	1 32	37 41	16 46	24 3	23 59	9 23			n.a.
S 20	21 54	16 12	3 20	13 13	3 3	19 6	1 7	4 8	1 32	22 39	1 22	16 47	2 54	0 26	0 38	8 35	1 32	37 40	16 46	24 3	23 59	9 20			n.a.
M21	21 43	12 11	4 5	13 1	3 7	18 43	1 6	4 26	1 32	22 36	1 22	16 48	2 55	0 27	0 38	8 35	1 32	37 39	16 46	24 3	23 59	9 17			n.a.
T 22	21 32	7 43	4 40	12 52	3 10	18 19	1 4	4 45	1 33	22 34	1 22	16 50	2 55	0 27	0 38	8 35	1 32	37 39	16 46	24 2	23 59	9 15			n.a.
W23	21 20	2 59	5 2	12 46	3 11	17 56	1 2	5 3	1 33	22 31	1 22	16 52	2 55	0 27	0 38	8 35	1 32	37 38	16 46	24 2	23 59	9 12			n.a.
T 24	21 8	1s52	5 11	12 44	3 12	17 31	1 1	5 21	1 33	22 28	1 22	16 53	2 55	0 28	0 38	8 35	1 32	37 38	16 46	24 2	23 59	9 9			n.a.
F 25	20 55	6 40	5 7	12 45	3 12	17 6	0 59	5 39	1 34	22 25	1 22	16 55	2 55	0 28	0 38	8 35	1 32	37 37	16 46	24 2	23 58	9 7			n.a.
S 26	20 42	11 18	4 50	12 50	3 10	16 41	0 57	5 57	1 34	22 23	1 23	16 56	2 56	0 28	0 38	8 35	1 32	37 37	16 46	24 2	23 58	9 4			n.a.
S 27	20 29	15 34	4 19	12 59	3 6	16 15	0 55	6 15	1 34	22 20	1 23	16 58	2 56	0 29	0 38	8 35	1 32	37 36	16 46	24 2	23 58	9 1			n.a.
M28	20 15	19 15	3 34	13 13	3 1	15 49	0 53	6 33	1 35	22 17	1 23	17 0	2 56	0 29	0 38	8 35	1 32	37 36	16 46	24 2	23 58	8 59			n.a.
T 29	20 1	22 6	2 38	13 31	2 54	15 22	0 51	6 51	1 35	22 14	1 23	17 1	2 56	0 30	0 38	8 35	1 32	37 35	16 46	24 2	23 58	8 56			n.a.
W30	19 46	23 50	1 31	13 54	2 46	14 55	0 49	7 9	1 36	22 11	1 23	17 3	2 56	0 30	0 38	8 35	1 32	37 35	16 46	24 2	23 58	8 53			n.a.
T 31	19n31	24s10	0s16	14n21	2s35	14n27	0n47	7s27	1s36	22n 9	1n23	17s 5	2s56	0s31	0s38	8n35	1s32	37n34	16n46	24s 2	23s58	8n51			n.a.

Julian Day Number = 191968.5, Delta T = 32h26m17s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'59, Lahiri = -61°28'59 Julian Calendar 1 Aug. 4188 BCE == Greg. Calendar 29 June 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

SEPTEMBER 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 31 11	6♌ 6'50	6♉49	13°R51	25♌47	15♎32	29♋52	22°R41	0°R 9	25°R10	27♋44	25°R23	23♐37	26♌20	n.a.	F 1
S 2	20 35 8	7° 7'23	21°38	12♌40	27° 2	16°16	0♌ 6	22♒36	0♈ 7	25♈10	27°46	25♐20	23°34	26°27	n.a.	S 2
S 3	20 39 4	8° 7'57	6♒44	11°24	28°17	17° 0	0°19	22°31	0° 6	25°10	27°48	25°16	23°31	26°33	n.a.	S 3
M 4	20 43 1	9° 8'33	22° 0	10° 5	29°31	17°45	0°32	22°26	0° 5	25°10	27°51	25°10	23°27	26°40	n.a.	M 4
T 5	20 46 57	10° 9'11	7♓14	8°46	0♍46	18°29	0°45	22°22	0° 4	25°10	27°53	25° 3	23°24	26°47	n.a.	T 5
W 6	20 50 54	11° 9'50	22°16	7°29	2° 1	19°14	0°59	22°17	0° 2	25°10	27°55	24°56	23°21	26°54	n.a.	W 6
T 7	20 54 50	12°10'32	6♈58	6°17	3°16	19°58	1°12	22°12	0° 1	25°10	27°58	24°50	23°18	27° 0	n.a.	T 7
F 8	20 58 47	13°11'15	21°13	5°11	4°31	20°43	1°25	22° 7	29♓59	25° 9	28° 0	24°46	23°15	27° 7	n.a.	F 8
S 9	21 2 43	14°12'01	5♉ 1	4°15	5°46	21°27	1°38	22° 2	29°58	25° 9	28° 3	24°43	23°11	27°14	n.a.	S 9
S 10	21 6 40	15°12'48	18°22	3°28	7° 1	22°12	1°51	21°57	29°56	25° 9	28° 5	24°D43	23° 8	27°20	n.a.	S 10
M11	21 10 37	16°13'38	1♊19	2°53	8°16	22°56	2° 5	21°52	29°54	25° 8	28° 7	24°44	23° 5	27°27	n.a.	M11
T 12	21 14 33	17°14'30	13°56	2°30	9°30	23°41	2°18	21°47	29°53	25° 8	28°10	24°45	23° 2	27°34	n.a.	T 12
W13	21 18 30	18°15'23	26°17	2°19	10°45	24°26	2°31	21°42	29°51	25° 7	28°12	24°R45	22°59	27°41	n.a.	W13
T 14	21 22 26	19°16'18	8♋27	2°D18	12° 0	25°11	2°44	21°37	29°49	25° 7	28°14	24°44	22°56	27°47	n.a.	T 14
F 15	21 26 23	20°17'15	20°28	2°29	13°15	25°55	2°57	21°32	29°48	25° 7	28°16	24°41	22°52	27°54	n.a.	F 15
S 16	21 30 19	21°18'13	2♌24	2°50	14°30	26°40	3°10	21°27	29°46	25° 6	28°19	24°35	22°49	28° 1	n.a.	S 16
S 17	21 34 16	22°19'13	14°16	3°20	15°44	27°25	3°23	21°22	29°44	25° 5	28°21	24°26	22°46	28° 7	n.a.	S 17
M18	21 38 12	23°20'14	26° 7	3°58	16°59	28°10	3°36	21°17	29°42	25° 5	28°23	24°15	22°43	28°14	n.a.	M18
T 19	21 42 9	24°21'16	7♍59	4°44	18°14	28°55	3°49	21°12	29°40	25° 4	28°25	24° 3	22°40	28°21	n.a.	T 19
W20	21 46 5	25°22'20	19°52	5°37	19°29	29°40	4° 2	21° 7	29°38	25° 4	28°28	23°50	22°36	28°28	n.a.	W20
T 21	21 50 2	26°23'25	1♎48	6°35	20°43	0♏25	4°14	21° 2	29°36	25° 3	28°30	23°38	22°33	28°34	n.a.	T 21
F 22	21 53 59	27°24'31	13°49	7°39	21°58	1°10	4°27	20°57	29°34	25° 2	28°32	23°28	22°30	28°41	n.a.	F 22
S 23	21 57 55	28°25'38	25°58	8°46	23°13	1°55	4°40	20°52	29°32	25° 1	28°34	23°21	22°27	28°48	n.a.	S 23
S 24	22 1 52	29°26'47	8♏17	9°58	24°27	2°40	4°53	20°47	29°30	25° 1	28°36	23°16	22°24	28°54	n.a.	S 24
M25	22 5 48	0♍27'56	20°52	11°13	25°42	3°25	5° 5	20°42	29°28	25° 0	28°39	23°14	22°21	29° 1	n.a.	M25
T 26	22 9 45	1°29'06	3♐46	12°30	26°56	4°10	5°18	20°37	29°25	24°59	28°41	23°D13	22°17	29° 8	n.a.	T 26
W27	22 13 41	2°30'16	17° 3	13°50	28°11	4°55	5°31	20°32	29°23	24°58	28°43	23°R14	22°14	29°15	n.a.	W27
T 28	22 17 38	3°31'28	0♑46	15°12	29°26	5°40	5°43	20°27	29°21	24°57	28°45	23°14	22°11	29°21	n.a.	T 28
F 29	22 21 34	4°32'40	14°58	16°35	0♎40	6°25	5°56	20°23	29°19	24°56	28°47	23°12	22° 8	29°28	n.a.	F 29
S 30	22 25 31	5♍33'53	29♑37	18♌ 1	1♎55	7♏10	6♌ 8	20♒18	29♓17	24♈55	28♋49	23♐ 8	22♐ 5	29♌35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n16	22s54	1n 2	14n53	2s22	14n 0	0n45	7s45	1s36	22n 6	1n23	17s 7	2s56	0s31	0s38	8n35	1s32	37n34	16n46	24s 2	23s57	8n48		n.a.
S 2	19 1	20 4	2 17	15 27	2 7	13 31	0 43	8 3	1 36	22 3	1 23	17 8	2 57	0 32	0 38	8 35	1 32	37 33	16 46	24 2	23 57	8 45		n.a.
S 3	18 45	15 49	3 25	16 5	1 50	13 3	0 41	8 21	1 37	22 0	1 23	17 10	2 57	0 32	0 38	8 35	1 32	37 33	16 46	24 2	23 57	8 43		n.a.
M 4	18 28	10 30	4 19	16 44	1 32	12 34	0 39	8 38	1 37	21 57	1 23	17 12	2 57	0 33	0 38	8 35	1 32	37 32	16 47	24 1	23 57	8 40		n.a.
T 5	18 12	4 34	4 54	17 24	1 13	12 4	0 37	8 56	1 37	21 54	1 23	17 13	2 57	0 33	0 38	8 35	1 32	37 32	16 47	24 1	23 57	8 37		n.a.
W 6	17 55	1n32	5 8	18 4	0 53	11 35	0 34	9 14	1 37	21 51	1 23	17 15	2 57	0 34	0 38	8 35	1 32	37 32	16 47	24 1	23 57	8 35		n.a.
T 7	17 37	7 25	5 1	18 42	0 33	11 5	0 32	9 31	1 38	21 48	1 23	17 17	2 57	0 34	0 38	8 34	1 33	37 31	16 47	24 1	23 56	8 32		n.a.
F 8	17 20	12 45	4 36	19 18	0 12	10 35	0 30	9 49	1 38	21 45	1 23	17 19	2 57	0 35	0 38	8 34	1 33	37 31	16 47	24 1	23 56	8 29		n.a.
S 9	17 2	17 14	3 56	19 51	0n 7	10 4	0 27	10 6	1 38	21 42	1 23	17 20	2 57	0 36	0 38	8 34	1 33	37 30	16 47	24 0	23 56	8 26		n.a.
S 10	16 44	20 42	3 3	20 21	0 26	9 34	0 25	10 23	1 38	21 39	1 23	17 22	2 57	0 36	0 38	8 34	1 33	37 30	16 47	24 0	23 56	8 24		n.a.
M11	16 25	23 0	2 3	20 46	0 43	9 3	0 22	10 41	1 38	21 36	1 23	17 24	2 57	0 37	0 38	8 34	1 33	37 30	16 48	24 0	23 56	8 21		n.a.
T 12	16 6	24 5	0 58	21 7	0 59	8 32	0 20	10 58	1 38	21 33	1 23	17 26	2 57	0 38	0 38	8 34	1 33	37 29	16 48	24 0	23 56	8 18		n.a.
W13	15 47	23 55	0s 8	21 24	1 14	8 0	0 17	11 15	1 39	21 30	1 23	17 27	2 57	0 38	0 38	8 33	1 33	37 29	16 48	24 1	23 55	8 16		n.a.
T 14	15 28	22 38	1 13	21 36	1 26	7 29	0 15	11 32	1 39	21 27	1 24	17 29	2 57	0 39	0 38	8 33	1 33	37 29	16 48	24 0	23 55	8 13		n.a.
F 15	15 8	20 19	2 13	21 45	1 38	6 57	0 12	11 49	1 39	21 24	1 24	17 31	2 57	0 40	0 38	8 33	1 33	37 28	16 48	24 0	23 55	8 10		n.a.
S 16	14 48	17 9	3 7	21 49	1 47	6 25	0 10	12 6	1 39	21 21	1 24	17 32	2 57	0 41	0 38	8 33	1 33	37 28	16 49	24 0	23 55	8 8		n.a.
S 17	14 28	13 18	3 53	21 49	1 55	5 53	0 7	12 23	1 39	21 18	1 24	17 34	2 57	0 41	0 38	8 33	1 33	37 28	16 49	24 0	23 55	8 5		n.a.
M18	14 7	8 59	4 28	21 47	2 2	5 21	0 4	12 39	1 39	21 15	1 24	17 36	2 57	0 42	0 38	8 32	1 33	37 27	16 49	23 59	23 55	8 2		n.a.
T 19	13 46	4 19	4 51	21 40	2 7	4 49	0 2	12 56	1 39	21 12	1 24	17 37	2 57	0 43	0 38	8 32	1 33	37 27	16 49	23 59	23 54	8 0		n.a.
W20	13 25	0s29	5 2	21 31	2 11	4 16	0s 1	13 12	1 39	21 9	1 24	17 39	2 57	0 44	0 38	8 32	1 33	37 27	16 50	23 58	23 54	7 57		n.a.
T 21	13 4	5 18	5 0	21 19	2 14	3 43	0 3	13 29	1 39	21 6	1 24	17 41	2 57	0 45	0 38	8 31	1 33	37 27	16 50	23 57	23 54	7 54		n.a.
F 22	12 43	9 56	4 44	21 4	2 16	3 11	0 6	13 45	1 39	21 3	1 24	17 42	2 57	0 46	0 38	8 31	1 33	37 26	16 50	23 57	23 54	7 51		n.a.
S 23	12 21	14 15	4 16	20 46	2 17	2 38	0 9	14 1	1 39	21 0	1 24	17 44	2 57	0 46	0 38	8 31	1 33	37 26	16 50	23 57	23 54	7 49		n.a.
S 24	11 59	18 3	3 35	20 26	2 17	2 5	0 12	14 17	1 39	20 57	1 25	17 46	2 57	0 47	0 38	8 30	1 33	37 26	16 51	23 56	23 53	7 46		n.a.
M25	11 37	21 5	2 43	20 5	2 16	1 32	0 14	14 33	1 39	20 54	1 25	17 47	2 57	0 48	0 38	8 30	1 33	37 26	16 51	23 56	23 53	7 43		n.a.
T 26	11 15	23 10	1 42	19 41	2 15	1 0	0 17	14 49	1 39	20 51	1 25	17 49	2 57	0 49	0 38	8 30	1 33	37 25	16 51	23 56	23 53	7 41		n.a.
W27	10 52	24 1	0 33	19 15	2 13	0 27	0 20	15 5	1 39	20 48	1 25	17 50	2 57	0 50	0 38	8 29	1 33	37 25	16 52	23 56	23 53	7 38		n.a.
T 28	10 30	23 27	0n40	18 48	2 10	0s 6	0 22	15 20	1 39	20 45	1 25	17 52	2 57	0 51	0 38	8 29	1 33	37 25	16 52	23 56	23 53	7 35		n.a.
F 29	10 7	21 23	1 53	18 19	2 7	0 39	0 25	15 35	1 39	20 42	1 25	17 53	2 57	0 52	0 38	8 29	1 33	37 25	16 52	23 56	23 52	7 33		n.a.
S 30	9n44	17s52	3n 0	17n49	2n 4	1s12	0s28	15s51	1s39	20n38	1n25	17s55	2s57	0s53	0s38	8n28	1s33	37n25	16n53	23s56	23s52	7n30		n.a.

Julian Day Number = 191999.5, Delta T = 32h26m14s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'55, Lahiri = -61°28'55 Julian Calendar 1 Sept. 4188 BCE == Greg. Calendar 30 July 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

OCTOBER 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 29 28	6♍35'07	14♒39	19♌27	3♎ 9	7♏55	6♌21	20°R13	29°R14	24°R54	28♋51	23°R 1	22♐ 2	29♌41	n.a.	S 1
M 2	22 33 24	7°36'21	29°57	20°54	4°23	8°40	6°33	20♒ 9	29♓12	24♈53	28°53	22♐51	21°58	29°48	n.a.	M 2
T 3	22 37 21	8°37'36	15♓19	22°22	5°38	9°25	6°45	20° 4	29°10	24°52	28°55	22°40	21°55	29°55	n.a.	T 3
W 4	22 41 17	9°38'52	0♈33	23°51	6°52	10°10	6°57	19°59	29° 7	24°51	28°57	22°29	21°52	0♍ 2	n.a.	W 4
T 5	22 45 14	10°40'09	15°29	25°21	8° 7	10°55	7°10	19°55	29° 5	24°50	28°59	22°19	21°49	0° 8	n.a.	T 5
F 6	22 49 10	11°41'27	29°59	26°51	9°21	11°41	7°22	19°50	29° 2	24°49	29° 1	22°11	21°46	0°15	n.a.	F 6
S 7	22 53 7	12°42'46	13♉59	28°22	10°35	12°26	7°34	19°46	29° 0	24°48	29° 3	22° 5	21°42	0°22	n.a.	S 7
S 8	22 57 3	13°44'06	27°28	29°53	11°50	13°11	7°46	19°42	28°58	24°47	29° 5	22° 2	21°39	0°28	n.a.	S 8
M 9	23 1 0	14°45'26	10♊29	1♍24	13° 4	13°56	7°58	19°37	28°55	24°45	29° 7	22° 2	21°36	0°35	n.a.	M 9
T 10	23 4 57	15°46'48	23° 6	2°55	14°18	14°41	8°10	19°33	28°53	24°44	29° 8	22° 2	21°33	0°42	n.a.	T 10
W11	23 8 53	16°48'10	5♋25	4°27	15°32	15°26	8°22	19°29	28°50	24°43	29°10	22° 1	21°30	0°49	n.a.	W11
T 12	23 12 50	17°49'33	17°29	5°59	16°47	16°11	8°33	19°25	28°48	24°42	29°12	21°59	21°27	0°55	n.a.	T 12
F 13	23 16 46	18°50'57	29°25	7°32	18° 1	16°56	8°45	19°21	28°45	24°40	29°14	21°54	21°23	1° 2	n.a.	F 13
S 14	23 20 43	19°52'21	11♌16	9° 4	19°15	17°41	8°57	19°17	28°43	24°39	29°15	21°47	21°20	1° 9	n.a.	S 14
S 15	23 24 39	20°53'46	23° 6	10°37	20°29	18°26	9° 8	19°13	28°40	24°38	29°17	21°36	21°17	1°15	n.a.	S 15
M16	23 28 36	21°55'11	4♍57	12° 9	21°43	19°12	9°20	19° 9	28°37	24°36	29°19	21°22	21°14	1°22	n.a.	M16
T 17	23 32 33	22°56'37	16°51	13°42	22°57	19°57	9°31	19° 5	28°35	24°35	29°20	21° 7	21°11	1°29	n.a.	T 17
W18	23 36 29	23°58'02	28°49	15°16	24°11	20°42	9°42	19° 2	28°32	24°34	29°22	20°52	21° 8	1°36	n.a.	W18
T 19	23 40 26	24°59'28	10♎53	16°49	25°25	21°27	9°54	18°58	28°30	24°32	29°24	20°37	21° 4	1°42	n.a.	T 19
F 20	23 44 22	26° 0'54	23° 4	18°22	26°39	22°12	10° 5	18°55	28°27	24°31	29°25	20°25	21° 1	1°49	n.a.	F 20
S 21	23 48 19	27° 2'20	5♏22	19°56	27°53	22°57	10°16	18°51	28°25	24°29	29°27	20°15	20°58	1°56	n.a.	S 21
S 22	23 52 15	28° 3'46	17°50	21°30	29° 7	23°42	10°27	18°48	28°22	24°28	29°28	20° 8	20°55	2° 2	n.a.	S 22
M23	23 56 12	29° 5'12	0♐29	23° 4	0♏21	24°27	10°38	18°45	28°19	24°26	29°30	20° 5	20°52	2° 9	n.a.	M23
T 24	0 0 9	0♎ 6'37	13°24	24°38	1°35	25°12	10°49	18°42	28°17	24°25	29°31	20° 3	20°48	2°16	n.a.	T 24
W25	0 4 5	1° 8'02	26°36	26°12	2°49	25°57	10°59	18°39	28°14	24°23	29°33	20° 3	20°45	2°23	n.a.	W25
T 26	0 8 2	2° 9'27	10♑10	27°47	4° 3	26°42	11°10	18°36	28°12	24°22	29°34	20° 3	20°42	2°29	n.a.	T 26
F 27	0 11 58	3°10'51	24° 7	29°22	5°16	27°27	11°20	18°33	28° 9	24°20	29°35	20° 2	20°39	2°36	n.a.	F 27
S 28	0 15 55	4°12'15	8♒28	0♎57	6°30	28°12	11°31	18°30	28° 7	24°19	29°37	19°58	20°36	2°43	n.a.	S 28
S 29	0 19 51	5°13'38	23°11	2°33	7°44	28°57	11°41	18°28	28° 4	24°17	29°38	19°51	20°33	2°49	n.a.	S 29
M30	0 23 48	6°15'00	8♓11	4° 9	8°57	29°42	11°52	18°25	28° 1	24°15	29°39	19°42	20°29	2°56	n.a.	M30
T 31	0 27 45	7♎16'22	23♓20	5♎45	10♏11	0♐27	12♌ 2	18♒23	27♓59	24♈14	29♋41	19♐31	20♐26	3♍ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	9n21	13s 8	3n57	17n18	2n 0	1s45	0s30	16s 6	1s39	20n35	1n25	17s56	2s57	0s54	0s38	8n28	1s33	37n24	16n53	23s56	23s52	7n27			n.a.
M 2	8 57	7 29	4 38	16 45	1 55	2 18	0 33	16 21	1 39	20 32	1 25	17 58	2 57	0 55	0 38	8 28	1 33	37 24	16 53	23 55	23 52	7 25			n.a.
T 3	8 34	1 23	4 58	16 11	1 51	2 51	0 36	16 36	1 39	20 29	1 26	17 59	2 57	0 56	0 38	8 27	1 33	37 24	16 54	23 54	23 52	7 22			n.a.
W 4	8 10	4n46	4 58	15 36	1 46	3 23	0 38	16 50	1 39	20 26	1 26	18 1	2 56	0 57	0 38	8 27	1 33	37 24	16 54	23 54	23 51	7 19			n.a.
T 5	7 46	10 30	4 37	15 0	1 41	3 56	0 41	17 5	1 39	20 23	1 26	18 2	2 56	0 58	0 38	8 26	1 33	37 24	16 54	23 53	23 51	7 16			n.a.
F 6	7 22	15 29	3 58	14 24	1 35	4 28	0 44	17 19	1 39	20 20	1 26	18 3	2 56	0 59	0 38	8 26	1 34	37 24	16 55	23 53	23 51	7 14			n.a.
S 7	6 58	19 27	3 7	13 46	1 30	5 1	0 46	17 33	1 38	20 17	1 26	18 5	2 56	1 0	0 38	8 25	1 34	37 24	16 55	23 52	23 51	7 11			n.a.
S 8	6 34	22 11	2 6	13 8	1 24	5 33	0 49	17 47	1 38	20 14	1 26	18 6	2 56	1 1	0 38	8 25	1 34	37 24	16 55	23 52	23 51	7 8			n.a.
M 9	6 10	23 39	1 1	12 29	1 18	6 5	0 52	18 1	1 38	20 11	1 26	18 7	2 56	1 2	0 38	8 24	1 34	37 24	16 56	23 52	23 50	7 6			n.a.
T 10	5 46	23 50	0s 6	11 50	1 12	6 37	0 54	18 15	1 38	20 8	1 27	18 8	2 56	1 3	0 38	8 24	1 34	37 24	16 56	23 52	23 50	7 3			n.a.
W11	5 21	22 50	1 10	11 10	1 6	7 9	0 57	18 29	1 38	20 5	1 27	18 10	2 56	1 4	0 38	8 23	1 34	37 24	16 57	23 52	23 50	7 0			n.a.
T 12	4 57	20 47	2 10	10 29	1 0	7 41	0 59	18 42	1 38	20 2	1 27	18 11	2 55	1 5	0 38	8 23	1 34	37 24	16 57	23 52	23 50	6 58			n.a.
F 13	4 32	17 52	3 4	9 48	0 53	8 12	1 2	18 55	1 37	19 59	1 27	18 12	2 55	1 6	0 38	8 22	1 34	37 24	16 58	23 52	23 50	6 55			n.a.
S 14	4 7	14 14	3 49	9 7	0 47	8 44	1 4	19 8	1 37	19 56	1 27	18 13	2 55	1 7	0 38	8 22	1 34	37 24	16 58	23 51	23 49	6 52			n.a.
S 15	3 42	10 4	4 24	8 25	0 40	9 15	1 7	19 21	1 37	19 53	1 27	18 14	2 55	1 8	0 38	8 21	1 34	37 24	16 58	23 50	23 49	6 50			n.a.
M16	3 18	5 32	4 47	7 43	0 34	9 46	1 9	19 34	1 37	19 50	1 28	18 15	2 55	1 9	0 38	8 21	1 34	37 24	16 59	23 50	23 49	6 47			n.a.
T 17	2 53	0 47	4 58	7 0	0 28	10 16	1 11	19 46	1 37	19 47	1 28	18 16	2 54	1 10	0 38	8 20	1 34	37 24	16 59	23 49	23 49	6 44			n.a.
W18	2 28	4s 2	4 56	6 17	0 21	10 46	1 14	19 58	1 36	19 44	1 28	18 17	2 54	1 11	0 38	8 20	1 34	37 24	17 0	23 47	23 49	6 41			n.a.
T 19	2 3	8 43	4 41	5 34	0 15	11 17	1 16	20 11	1 36	19 41	1 28	18 18	2 54	1 12	0 38	8 19	1 34	37 24	17 0	23 46	23 48	6 39			n.a.
F 20	1 38	13 6	4 13	4 51	0 8	11 46	1 18	20 22	1 36	19 38	1 28	18 19	2 54	1 13	0 38	8 19	1 34	37 24	17 1	23 45	23 48	6 36			n.a.
S 21	1 13	17 0	3 32	4 7	0 2	12 16	1 20	20 34	1 36	19 35	1 29	18 20	2 54	1 14	0 38	8 18	1 34	37 24	17 1	23 45	23 48	6 33			n.a.
S 22	0 47	20 12	2 41	3 23	0s 5	12 45	1 23	20 46	1 35	19 32	1 29	18 21	2 53	1 15	0 38	8 18	1 34	37 24	17 2	23 44	23 48	6 31			n.a.
M23	0 22	22 29	1 41	2 39	0 11	13 14	1 25	20 57	1 35	19 29	1 29	18 22	2 53	1 16	0 38	8 17	1 34	37 24	17 2	23 44	23 47	6 28			n.a.
T 24	0s 3	23 38	0 35	1 55	0 18	13 42	1 27	21 8	1 35	19 26	1 29	18 23	2 53	1 17	0 38	8 16	1 34	37 24	17 3	23 44	23 47	6 25			n.a.
W25	0 28	23 30	0n35	1 11	0 24	14 11	1 29	21 19	1 35	19 23	1 29	18 23	2 53	1 18	0 38	8 16	1 34	37 25	17 3	23 44	23 47	6 23			n.a.
T 26	0 53	21 59	1 44	0 27	0 30	14 38	1 31	21 30	1 34	19 21	1 29	18 24	2 53	1 19	0 38	8 15	1 34	37 25	17 4	23 44	23 47	6 20			n.a.
F 27	1 18	19 7	2 50	0s17	0 36	15 6	1 33	21 40	1 34	19 18	1 30	18 25	2 52	1 20	0 38	8 15	1 34	37 25	17 4	23 44	23 47	6 17			n.a.
S 28	1 43	15 1	3 46	1 2	0 42	15 33	1 35	21 50	1 34	19 15	1 30	18 25	2 52	1 21	0 38	8 14	1 34	37 25	17 5	23 43	23 46	6 14			n.a.
S 29	2 8	9 56	4 30	1 46	0 48	16 0	1 36	22 0	1 33	19 12	1 30	18 26	2 52	1 22	0 38	8 13	1 34	37 25	17 5	23 43	23 46	6 12			n.a.
M30	2 33	4 11	4 55	2 31	0 54	16 26	1 38	22 10	1 33	19 9	1 30	18 27	2 52	1 23	0 38	8 13	1 34	37 25	17 6	23 42	23 46	6 9			n.a.
T 31	2s58	1n51	5n 1	3s15	0s59	16s52	1s40	22s20	1s33	19n 7	1n31	18s27	2s51	1s24	0s38	8n12	1s34	37n26	17n 6	23s41	23s46	6n 6			n.a.

Julian Day Number = 192029.5, Delta T = 32h26m11s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'51, Lahiri = -61°28'51 Julian Calendar 1 Oct. 4188 BCE == Greg. Calendar 29 Aug. 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

NOVEMBER 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 31 41	8♎17'44	8♈26	7♎21	11♏25	1♐12	12♌12	18°R20	27°R56	24°R12	29♋42	19°R20	20♐23	3♍10	n.a.	W 1
T 2	0 35 38	9°19'05	23°21	8°58	12°38	1°56	12°22	18♒18	27♓54	24♈11	29°43	19♐10	20°20	3°16	n.a.	T 2
F 3	0 39 34	10°20'25	7♉54	10°36	13°51	2°41	12°32	18°16	27°51	24° 9	29°44	19° 2	20°17	3°23	n.a.	F 3
S 4	0 43 31	11°21'46	22° 1	12°13	15° 5	3°26	12°41	18°14	27°49	24° 7	29°45	18°56	20°13	3°30	n.a.	S 4
S 5	0 47 28	12°23'06	5♊38	13°51	16°18	4°11	12°51	18°12	27°46	24° 6	29°46	18°53	20°10	3°36	n.a.	S 5
M 6	0 51 24	13°24'26	18°47	15°30	17°32	4°56	13° 1	18°10	27°44	24° 4	29°47	18°D52	20° 7	3°43	n.a.	M 6
T 7	0 55 21	14°25'45	1♋31	17° 8	18°45	5°40	13°10	18° 9	27°41	24° 2	29°48	18°53	20° 4	3°50	n.a.	T 7
W 8	0 59 17	15°27'04	13°54	18°48	19°58	6°25	13°19	18° 7	27°39	24° 1	29°49	18°R53	20° 1	3°57	n.a.	W 8
T 9	1 3 14	16°28'23	26° 0	20°27	21°11	7°10	13°28	18° 6	27°37	23°59	29°50	18°53	19°58	4° 3	n.a.	T 9
F 10	1 7 10	17°29'41	7♌57	22° 7	22°24	7°55	13°38	18° 4	27°34	23°57	29°51	18°50	19°54	4°10	n.a.	F 10
S 11	1 11 7	18°30'58	19°48	23°48	23°37	8°39	13°47	18° 3	27°32	23°56	29°52	18°46	19°51	4°17	n.a.	S 11
S 12	1 15 4	19°32'15	1♍38	25°29	24°50	9°24	13°55	18° 2	27°30	23°54	29°53	18°38	19°48	4°23	n.a.	S 12
M13	1 19 0	20°33'31	13°30	27°10	26° 3	10° 8	14° 4	18° 1	27°27	23°52	29°54	18°29	19°45	4°30	n.a.	M13
T 14	1 22 57	21°34'46	25°28	28°52	27°16	10°53	14°13	18° 0	27°25	23°51	29°54	18°18	19°42	4°37	n.a.	T 14
W15	1 26 53	22°36'01	7♎34	0♏34	28°29	11°38	14°21	17°59	27°23	23°49	29°55	18° 6	19°39	4°44	n.a.	W15
T 16	1 30 50	23°37'14	19°48	2°16	29°42	12°22	14°30	17°59	27°20	23°47	29°56	17°55	19°35	4°50	n.a.	T 16
F 17	1 34 46	24°38'27	2♏13	3°58	0♐55	13° 7	14°38	17°58	27°18	23°45	29°56	17°46	19°32	4°57	n.a.	F 17
S 18	1 38 43	25°39'38	14°47	5°41	2° 7	13°51	14°46	17°58	27°16	23°44	29°57	17°38	19°29	5° 4	n.a.	S 18
S 19	1 42 40	26°40'49	27°31	7°23	3°20	14°36	14°54	17°58	27°14	23°42	29°58	17°34	19°26	5°11	n.a.	S 19
M20	1 46 36	27°41'58	10♐27	9° 5	4°33	15°20	15° 2	17°57	27°12	23°40	29°58	17°32	19°23	5°17	n.a.	M20
T 21	1 50 33	28°43'06	23°35	10°47	5°45	16° 4	15° 9	17°D57	27°10	23°39	29°59	17°D32	19°19	5°24	n.a.	T 21
W22	1 54 29	29°44'12	6♑56	12°29	6°57	16°49	15°17	17°58	27° 7	23°37	29°59	17°33	19°16	5°31	n.a.	W22
T 23	1 58 26	0♏45'17	20°32	14°10	8°10	17°33	15°24	17°58	27° 5	23°35	29°59	17°34	19°13	5°37	n.a.	T 23
F 24	2 2 22	1°46'20	4♒23	15°50	9°22	18°17	15°31	17°58	27° 3	23°34	29°59	17°R34	19°10	5°44	n.a.	F 24
S 25	2 6 19	2°47'21	18°31	17°29	10°34	19° 2	15°39	17°58	27° 1	23°32	0♌ 0	17°33	19° 7	5°51	n.a.	S 25
S 26	2 10 16	3°48'21	2♓54	19° 6	11°46	19°46	15°46	17°59	27° 0	23°30	0° 1	17°30	19° 4	5°58	n.a.	S 26
M27	2 14 12	4°49'19	17°29	20°42	12°58	20°30	15°52	18° 0	26°58	23°29	0° 1	17°25	19° 0	6° 4	n.a.	M27
T 28	2 18 9	5°50'15	2♈10	22°15	14°10	21°14	15°59	18° 0	26°56	23°27	0° 1	17°19	18°57	6°11	n.a.	T 28
W29	2 22 5	6°51'09	16°52	23°45	15°22	21°58	16° 6	18° 1	26°54	23°25	0° 1	17°12	18°54	6°18	n.a.	W29
T 30	2 26 2	7♏52'03	1♉26	25♏12	16♐34	22♐42	16♌12	18♒ 2	26♓52	23♈24	0♌ 2	17♐ 6	18♐51	6♍24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s23	7n47	4n45	3 s59	1 s 5	17 s17	1 s41	22 s29	1 s32	19n 4	1n31	18 s28	2 s51	1 s25	0 s38	8n12	1 s34	37n26	17n 7	23 s40	23 s45	6n 4		n.a.
T 2	3 48	13 10	4 10	4 43	1 10	17 42	1 43	22 38	1 32	19 1	1 31	18 28	2 51	1 26	0 38	8 11	1 34	37 26	17 7	23 40	23 45	6 1		n.a.
F 3	4 12	17 40	3 19	5 27	1 15	18 6	1 45	22 47	1 32	18 59	1 31	18 29	2 51	1 27	0 38	8 10	1 34	37 26	17 8	23 39	23 45	5 58		n.a.
S 4	4 37	21 0	2 18	6 11	1 20	18 30	1 46	22 56	1 31	18 56	1 31	18 29	2 50	1 28	0 38	8 10	1 34	37 27	17 9	23 38	23 45	5 56		n.a.
S 5	5 2	23 0	1 10	6 55	1 25	18 53	1 47	23 4	1 31	18 53	1 32	18 29	2 50	1 29	0 38	8 9	1 34	37 27	17 9	23 38	23 44	5 53		n.a.
M 6	5 26	23 38	0 0	7 38	1 29	19 16	1 49	23 12	1 31	18 51	1 32	18 30	2 50	1 30	0 38	8 9	1 34	37 27	17 10	23 38	23 44	5 50		n.a.
T 7	5 51	23 0	1 s 7	8 21	1 34	19 39	1 50	23 20	1 30	18 48	1 32	18 30	2 49	1 31	0 38	8 8	1 34	37 27	17 10	23 38	23 44	5 47		n.a.
W 8	6 15	21 14	2 9	9 4	1 38	20 1	1 51	23 28	1 30	18 46	1 32	18 30	2 49	1 32	0 38	8 7	1 34	37 28	17 11	23 38	23 44	5 45		n.a.
T 9	6 39	18 32	3 4	9 46	1 42	20 22	1 52	23 35	1 29	18 43	1 33	18 30	2 49	1 33	0 38	8 7	1 34	37 28	17 11	23 38	23 43	5 42		n.a.
F 10	7 3	15 5	3 51	10 28	1 45	20 42	1 53	23 43	1 29	18 41	1 33	18 30	2 49	1 34	0 38	8 6	1 34	37 28	17 12	23 38	23 43	5 39		n.a.
S 11	7 27	11 5	4 27	11 9	1 48	21 3	1 54	23 50	1 29	18 38	1 33	18 31	2 48	1 35	0 38	8 5	1 34	37 29	17 12	23 37	23 43	5 37		n.a.
S 12	7 51	6 41	4 51	11 50	1 51	21 22	1 55	23 56	1 28	18 36	1 33	18 31	2 48	1 36	0 38	8 5	1 34	37 29	17 13	23 37	23 43	5 34		n.a.
M13	8 15	2 1	5 3	12 30	1 53	21 41	1 56	24 3	1 28	18 34	1 34	18 31	2 48	1 37	0 38	8 4	1 34	37 29	17 14	23 36	23 42	5 31		n.a.
T 14	8 39	2 s45	5 2	13 10	1 55	21 59	1 56	24 9	1 27	18 31	1 34	18 31	2 48	1 38	0 38	8 3	1 34	37 30	17 14	23 35	23 42	5 29		n.a.
W15	9 2	7 27	4 47	13 49	1 57	22 17	1 57	24 15	1 27	18 29	1 34	18 31	2 47	1 39	0 38	8 3	1 34	37 30	17 15	23 34	23 42	5 26		n.a.
T 16	9 25	11 56	4 19	14 26	1 58	22 34	1 58	24 21	1 27	18 27	1 34	18 31	2 47	1 40	0 38	8 2	1 34	37 31	17 15	23 33	23 42	5 23		n.a.
F 17	9 48	15 59	3 38	15 3	1 59	22 51	1 58	24 26	1 26	18 24	1 35	18 30	2 47	1 41	0 38	8 2	1 34	37 31	17 16	23 32	23 41	5 21		n.a.
S 18	10 11	19 22	2 46	15 39	1 59	23 6	1 58	24 31	1 26	18 22	1 35	18 30	2 46	1 42	0 38	8 1	1 34	37 31	17 17	23 31	23 41	5 18		n.a.
S 19	10 34	21 52	1 45	16 14	1 59	23 21	1 59	24 36	1 25	18 20	1 35	18 30	2 46	1 42	0 38	8 0	1 34	37 32	17 17	23 31	23 41	5 15		n.a.
M20	10 57	23 16	0 38	16 47	1 58	23 36	1 59	24 41	1 25	18 18	1 35	18 30	2 46	1 43	0 38	8 0	1 34	37 32	17 18	23 31	23 41	5 12		n.a.
T 21	11 19	23 25	0n33	17 19	1 57	23 49	1 59	24 46	1 24	18 16	1 36	18 30	2 45	1 44	0 38	7 59	1 34	37 33	17 18	23 31	23 40	5 10		n.a.
W22	11 41	22 13	1 43	17 50	1 55	24 2	1 59	24 50	1 24	18 14	1 36	18 29	2 45	1 45	0 38	7 58	1 34	37 33	17 19	23 31	23 40	5 7		n.a.
T 23	12 3	19 43	2 48	18 19	1 52	24 15	1 59	24 54	1 23	18 12	1 36	18 29	2 45	1 46	0 38	7 58	1 34	37 34	17 20	23 31	23 40	5 4		n.a.
F 24	12 25	16 3	3 46	18 46	1 48	24 26	1 59	24 58	1 23	18 10	1 37	18 29	2 45	1 47	0 38	7 57	1 34	37 34	17 20	23 31	23 40	5 2		n.a.
S 25	12 47	11 25	4 30	19 11	1 44	24 37	1 59	25 1	1 23	18 8	1 37	18 28	2 44	1 47	0 38	7 57	1 34	37 35	17 21	23 31	23 39	4 59		n.a.
S 26	13 8	6 6	4 59	19 34	1 39	24 47	1 58	25 4	1 22	18 6	1 37	18 28	2 44	1 48	0 38	7 56	1 34	37 35	17 21	23 31	23 39	4 56		n.a.
M27	13 29	0 22	5 9	19 55	1 33	24 57	1 58	25 7	1 22	18 4	1 37	18 27	2 44	1 49	0 38	7 55	1 34	37 36	17 22	23 30	23 39	4 54		n.a.
T 28	13 50	5n26	4 59	20 13	1 26	25 5	1 57	25 10	1 21	18 3	1 38	18 27	2 43	1 50	0 38	7 55	1 34	37 36	17 22	23 29	23 38	4 51		n.a.
W29	14 11	10 55	4 29	20 29	1 18	25 13	1 57	25 12	1 21	18 1	1 38	18 26	2 43	1 50	0 38	7 54	1 34	37 37	17 23	23 29	23 38	4 48		n.a.
T 30	14 s31	15n45	3n42	20 s43	1 s 9	25 s20	1 s56	25 s14	1 s20	17n59	1n38	18 s26	2 s43	1 s51	0 s38	7n54	1 s34	37n37	17n24	23 s28	23 s38	4n45		n.a.

Julian Day Number = 192060.5, Delta T = 32h26m08s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'47, Lahiri = -61°28'47 Julian Calendar 1 Nov. 4188 BCE == Greg. Calendar 29 Sept. 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4188 BCE
geocentric

DECEMBER 4188 BCE (-4187) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 29 58	8♏52'54	15♉45	26♏35	17♐45	23♐26	16♌18	18♒ 3	26°R50	23°R22	0♌ 2	17°R 1	18♐48	6♍31	n.a.	F 1
S 2	2 33 55	9°53'44	29°45	27°53	18°57	24°10	16°24	18° 5	26♓49	23♈20	0° 2	16♐58	18°44	6°38	n.a.	S 2
S 3	2 37 52	10°54'33	13♊20	29° 5	20° 8	24°54	16°30	18° 6	26°47	23°19	0° 2	16°D57	18°41	6°45	n.a.	S 3
M 4	2 41 48	11°55'20	26°32	0♐11	21°20	25°38	16°36	18° 8	26°45	23°17	0° 2	16°57	18°38	6°51	n.a.	M 4
T 5	2 45 45	12°56'05	9♋20	1°11	22°31	26°22	16°42	18° 9	26°44	23°16	0°R 2	16°58	18°35	6°58	n.a.	T 5
W 6	2 49 41	13°56'50	21°48	2° 3	23°42	27° 6	16°47	18°11	26°42	23°14	0° 2	17° 0	18°32	7° 5	n.a.	W 6
T 7	2 53 38	14°57'32	3♌59	2°46	24°53	27°50	16°52	18°13	26°41	23°12	0° 2	17° 2	18°29	7°12	n.a.	T 7
F 8	2 57 34	15°58'14	15°59	3°20	26° 4	28°34	16°57	18°15	26°39	23°11	0° 2	17°R 2	18°25	7°18	n.a.	F 8
S 9	3 1 31	16°58'53	27°52	3°44	27°15	29°17	17° 2	18°17	26°38	23° 9	0° 2	17° 1	18°22	7°25	n.a.	S 9
S 10	3 5 28	17°59'31	9♍44	3°58	28°26	0♎ 1	17° 7	18°19	26°37	23° 8	0° 2	16°59	18°19	7°32	n.a.	S 10
M11	3 9 24	19° 0'08	21°38	4°R 2	29°36	0°45	17°12	18°21	26°35	23° 6	0° 1	16°56	18°16	7°38	n.a.	M11
T 12	3 13 21	20° 0'43	3♎40	3°55	0♎47	1°29	17°16	18°23	26°34	23° 5	0° 1	16°52	18°13	7°45	n.a.	T 12
W13	3 17 17	21° 1'16	15°51	3°37	1°57	2°12	17°21	18°26	26°33	23° 3	0° 1	16°47	18°10	7°52	n.a.	W13
T 14	3 21 14	22° 1'48	28°14	3°10	3° 8	2°56	17°25	18°28	26°32	23° 2	0° 0	16°43	18° 6	7°59	n.a.	T 14
F 15	3 25 10	23° 2'18	10♏52	2°33	4°18	3°39	17°29	18°31	26°31	23° 0	0° 0	16°39	18° 3	8° 5	n.a.	F 15
S 16	3 29 7	24° 2'46	23°43	1°47	5°28	4°23	17°32	18°34	26°30	22°59	29♋59	16°36	18° 0	8°12	n.a.	S 16
S 17	3 33 4	25° 3'12	6♐50	0°54	6°38	5° 6	17°36	18°37	26°29	22°58	29°59	16°35	17°57	8°19	n.a.	S 17
M18	3 37 0	26° 3'36	20° 9	29♏56	7°47	5°50	17°39	18°40	26°28	22°56	29°59	16°D35	17°54	8°25	n.a.	M18
T 19	3 40 57	27° 3'58	3♑41	28°53	8°57	6°33	17°43	18°43	26°27	22°55	29°58	16°35	17°50	8°32	n.a.	T 19
W20	3 44 53	28° 4'17	17°24	27°47	10° 6	7°16	17°46	18°46	26°26	22°54	29°58	16°37	17°47	8°39	n.a.	W20
T 21	3 48 50	29° 4'35	1♒16	26°41	11°16	8° 0	17°48	18°49	26°25	22°52	29°57	16°38	17°44	8°46	n.a.	T 21
F 22	3 52 46	0♐ 4'50	15°17	25°35	12°25	8°43	17°51	18°53	26°24	22°51	29°57	16°39	17°41	8°52	n.a.	F 22
S 23	3 56 43	1° 5'02	29°25	24°32	13°34	9°26	17°54	18°56	26°23	22°50	29°56	16°R40	17°38	8°59	n.a.	S 23
S 24	4 0 39	2° 5'12	13♓37	23°33	14°43	10° 9	17°56	19° 0	26°23	22°48	29°55	16°39	17°35	9° 6	n.a.	S 24
M25	4 4 36	3° 5'20	27°53	22°38	15°51	10°53	17°58	19° 4	26°22	22°47	29°55	16°38	17°31	9°13	n.a.	M25
T 26	4 8 33	4° 5'25	12♈ 8	21°48	17° 0	11°36	18° 0	19° 7	26°22	22°46	29°54	16°37	17°28	9°19	n.a.	T 26
W27	4 12 29	5° 5'28	26°20	21° 5	18° 8	12°19	18° 2	19°11	26°21	22°45	29°53	16°35	17°25	9°26	n.a.	W27
T 28	4 16 26	6° 5'29	10♉24	20°29	19°16	13° 2	18° 3	19°15	26°21	22°44	29°53	16°34	17°22	9°33	n.a.	T 28
F 29	4 20 22	7° 5'27	24°17	19°59	20°24	13°45	18° 5	19°20	26°20	22°43	29°52	16°33	17°19	9°39	n.a.	F 29
S 30	4 24 19	8° 5'23	7♊55	19°37	21°32	14°28	18° 6	19°24	26°20	22°42	29°51	16°32	17°16	9°46	n.a.	S 30
S 31	4 28 15	9♐ 5'17	21♊16	19♏22	22♎39	15♎11	18♌ 7	19♒28	26♓20	22♈40	29♋50	16°D32	17♐12	9♍53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s52	19n35	2n41	20s53	0s59	25s27	1s55	25s16	1s20	17n57	1n39	18s25	2s42	1s52	0s37	7n53	1s34	37n38	17n24	23s28	23s38	4n43		n.a.
S 2	15 11	22 10	1 32	21 1	0 48	25 32	1 54	25 18	1 19	17 56	1 39	18 24	2 42	1 52	0 37	7 52	1 34	37 38	17 25	23 27	23 37	4 40		n.a.
S 3	15 31	23 22	0 20	21 6	0 36	25 37	1 53	25 19	1 19	17 54	1 39	18 23	2 42	1 53	0 37	7 52	1 34	37 39	17 25	23 27	23 37	4 37		n.a.
M 4	15 50	23 12	0s52	21 8	0 23	25 41	1 52	25 21	1 18	17 53	1 39	18 23	2 42	1 54	0 37	7 51	1 34	37 39	17 26	23 27	23 37	4 35		n.a.
T 5	16 9	21 48	1 59	21 7	0 9	25 45	1 51	25 21	1 18	17 51	1 40	18 22	2 41	1 54	0 37	7 51	1 33	37 40	17 27	23 27	23 37	4 32		n.a.
W 6	16 28	19 21	2 59	21 3	0n 6	25 47	1 50	25 22	1 17	17 50	1 40	18 21	2 41	1 55	0 37	7 50	1 33	37 41	17 27	23 28	23 36	4 29		n.a.
T 7	16 47	16 6	3 49	20 56	0 22	25 49	1 48	25 22	1 17	17 49	1 40	18 20	2 41	1 55	0 37	7 49	1 33	37 41	17 28	23 28	23 36	4 27		n.a.
F 8	17 5	12 14	4 28	20 47	0 39	25 50	1 47	25 23	1 16	17 47	1 41	18 19	2 40	1 56	0 37	7 49	1 33	37 42	17 28	23 28	23 36	4 24		n.a.
S 9	17 23	7 56	4 56	20 34	0 56	25 50	1 45	25 22	1 16	17 46	1 41	18 18	2 40	1 56	0 37	7 48	1 33	37 42	17 29	23 28	23 35	4 21		n.a.
S 10	17 40	3 22	5 10	20 20	1 14	25 50	1 44	25 22	1 15	17 45	1 41	18 17	2 40	1 57	0 37	7 48	1 33	37 43	17 30	23 28	23 35	4 19		n.a.
M11	17 58	1s21	5 12	20 2	1 32	25 49	1 42	25 21	1 15	17 44	1 42	18 16	2 39	1 57	0 37	7 47	1 33	37 43	17 30	23 27	23 35	4 16		n.a.
T 12	18 14	6 3	5 0	19 43	1 50	25 47	1 40	25 20	1 14	17 43	1 42	18 15	2 39	1 58	0 37	7 47	1 33	37 44	17 31	23 27	23 35	4 13		n.a.
W13	18 31	10 36	4 34	19 22	2 8	25 44	1 38	25 19	1 13	17 41	1 42	18 14	2 39	1 58	0 37	7 46	1 33	37 45	17 31	23 26	23 34	4 11		n.a.
T 14	18 47	14 47	3 55	19 0	2 26	25 40	1 36	25 18	1 13	17 40	1 43	18 13	2 39	1 59	0 37	7 46	1 33	37 45	17 32	23 26	23 34	4 8		n.a.
F 15	19 3	18 24	3 4	18 36	2 43	25 36	1 34	25 16	1 12	17 40	1 43	18 12	2 38	1 59	0 37	7 45	1 33	37 46	17 32	23 25	23 34	4 5		n.a.
S 16	19 19	21 12	2 2	18 12	2 58	25 31	1 31	25 14	1 12	17 39	1 43	18 11	2 38	2 0	0 37	7 45	1 33	37 47	17 33	23 25	23 33	4 2		n.a.
S 17	19 34	22 56	0 53	17 47	3 12	25 26	1 29	25 12	1 11	17 38	1 44	18 10	2 38	2 0	0 37	7 44	1 33	37 47	17 33	23 25	23 33	4 0		n.a.
M18	19 49	23 25	0n20	17 22	3 25	25 19	1 27	25 10	1 11	17 37	1 44	18 8	2 37	2 0	0 37	7 44	1 33	37 48	17 34	23 25	23 33	3 57		n.a.
T 19	20 3	22 31	1 33	16 58	3 36	25 12	1 24	25 7	1 10	17 36	1 44	18 7	2 37	2 1	0 37	7 43	1 33	37 49	17 35	23 25	23 32	3 54		n.a.
W20	20 17	20 16	2 42	16 35	3 44	25 4	1 21	25 4	1 10	17 36	1 45	18 6	2 37	2 1	0 37	7 43	1 33	37 49	17 35	23 25	23 32	3 52		n.a.
T 21	20 31	16 50	3 42	16 14	3 51	24 55	1 18	25 1	1 9	17 35	1 45	18 5	2 37	2 1	0 37	7 42	1 33	37 50	17 36	23 25	23 32	3 49		n.a.
F 22	20 44	12 25	4 30	15 54	3 55	24 46	1 16	24 58	1 9	17 35	1 45	18 3	2 36	2 2	0 37	7 42	1 33	37 50	17 36	23 25	23 32	3 46		n.a.
S 23	20 57	7 18	5 2	15 37	3 57	24 36	1 13	24 54	1 8	17 34	1 46	18 2	2 36	2 2	0 37	7 41	1 33	37 51	17 37	23 26	23 31	3 44		n.a.
S 24	21 10	1 47	5 16	15 22	3 57	24 26	1 9	24 50	1 7	17 34	1 46	18 0	2 36	2 2	0 37	7 41	1 33	37 52	17 37	23 25	23 31	3 41		n.a.
M25	21 22	3n51	5 10	15 10	3 55	24 14	1 6	24 46	1 7	17 33	1 46	17 59	2 35	2 2	0 37	7 41	1 33	37 52	17 38	23 25	23 31	3 38		n.a.
T 26	21 34	9 17	4 45	15 1	3 51	24 2	1 3	24 42	1 6	17 33	1 47	17 57	2 35	2 3	0 37	7 40	1 33	37 53	17 38	23 25	23 30	3 36		n.a.
W27	21 45	14 12	4 3	14 55	3 46	23 50	1 0	24 37	1 6	17 33	1 47	17 56	2 35	2 3	0 37	7 40	1 33	37 54	17 39	23 25	23 30	3 33		n.a.
T 28	21 56	18 18	3 7	14 52	3 39	23 37	0 56	24 32	1 5	17 33	1 47	17 54	2 35	2 3	0 37	7 39	1 33	37 55	17 39	23 25	23 30	3 30		n.a.
F 29	22 6	21 19	2 0	14 51	3 31	23 23	0 53	24 27	1 5	17 32	1 48	17 53	2 34	2 3	0 36	7 39	1 33	37 55	17 40	23 25	23 29	3 28		n.a.
S 30	22 16	23 2	0 48	14 54	3 22	23 8	0 49	24 22	1 4	17 32	1 48	17 51	2 34	2 3	0 36	7 39	1 32	37 56	17 40	23 25	23 29	3 25		n.a.
S 31	22s26	23n23	0s26	14s59	3n12	22s54	0s45	24s16	1s 3	17n32	1n48	17s49	2s34	2s 3	0s36	7n38	1s32	37n57	17n41	23s25	23s29	3n22		n.a.

Julian Day Number = 192090.5, Delta T = 32h26m04s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'43, Lahiri = -61°28'43 Julian Calendar 1 Dec. 4188 BCE == Greg. Calendar 29 Oct. 4188 BCE

The year -4187 astronomical counting style corresponds to year 4188 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

JANUARY 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 32 12	10♐ 5'09	4♋19	19°R13	23♉46	15♉53	18♌ 8	19♒32	26°R19	22°R39	29°R49	16♐33	17♐ 9	10♍ 0	n.a.	M 1
T 2	4 36 8	11° 4'59	17° 3	19°D11	24°54	16°36	18° 8	19°37	26♓19	22♈38	29♋48	16°33	17° 6	10° 6	n.a.	T 2
W 3	4 40 5	12° 4'46	29°31	19♏15	26° 0	17°19	18° 9	19°41	26°19	22°37	29°47	16°34	17° 3	10°13	n.a.	W 3
T 4	4 44 2	13° 4'32	11♌44	19°25	27° 7	18° 2	18° 9	19°46	26°19	22°36	29°46	16°34	17° 0	10°20	n.a.	T 4
F 5	4 47 58	14° 4'15	23°47	19°41	28°13	18°44	18°R 9	19°51	26°D19	22°35	29°45	16°35	16°56	10°27	n.a.	F 5
S 6	4 51 55	15° 3'57	5♍42	20° 2	29°20	19°27	18° 9	19°56	26°19	22°35	29°44	16°35	16°53	10°33	n.a.	S 6
S 7	4 55 51	16° 3'36	17°35	20°28	0♒26	20°10	18° 9	20° 1	26°19	22°34	29°43	16°35	16°50	10°40	n.a.	S 7
M 8	4 59 48	17° 3'13	29°30	20°59	1°31	20°52	18° 8	20° 5	26°19	22°33	29°42	16°35	16°47	10°47	n.a.	M 8
T 9	5 3 44	18° 2'49	11♎32	21°34	2°37	21°35	18° 8	20°11	26°19	22°32	29°41	16°35	16°44	10°53	n.a.	T 9
W10	5 7 41	19° 2'22	23°45	22°14	3°42	22°17	18° 7	20°16	26°19	22°31	29°40	16°35	16°41	11° 0	n.a.	W10
T 11	5 11 37	20° 1'53	6♏13	22°57	4°47	23° 0	18° 6	20°21	26°20	22°30	29°39	16°35	16°37	11° 7	n.a.	T 11
F 12	5 15 34	21° 1'23	18°58	23°44	5°52	23°42	18° 4	20°26	26°20	22°30	29°38	16°36	16°34	11°14	n.a.	F 12
S 13	5 19 30	22° 0'50	2♐ 3	24°34	6°56	24°24	18° 3	20°32	26°20	22°29	29°36	16°36	16°31	11°20	n.a.	S 13
S 14	5 23 27	23° 0'15	15°28	25°27	8° 0	25° 7	18° 1	20°37	26°21	22°28	29°35	16°R36	16°28	11°27	n.a.	S 14
M15	5 27 24	23°59'38	29°11	26°24	9° 4	25°49	18° 0	20°43	26°21	22°28	29°34	16°36	16°25	11°34	n.a.	M15
T 16	5 31 20	24°58'58	13♑10	27°23	10° 7	26°31	17°58	20°48	26°22	22°27	29°33	16°36	16°22	11°40	n.a.	T 16
W17	5 35 17	25°58'16	27°22	28°25	11°10	27°13	17°55	20°54	26°23	22°27	29°31	16°35	16°18	11°47	n.a.	W17
T 18	5 39 13	26°57'32	11♒41	29°29	12°13	27°55	17°53	21° 0	26°23	22°26	29°30	16°33	16°15	11°54	n.a.	T 18
F 19	5 43 10	27°56'45	26° 4	0♐35	13°16	28°38	17°50	21° 6	26°24	22°25	29°29	16°32	16°12	12° 1	n.a.	F 19
S 20	5 47 6	28°55'55	10♓25	1°44	14°18	29°20	17°48	21°12	26°25	22°25	29°27	16°31	16° 9	12° 7	n.a.	S 20
S 21	5 51 3	29°55'03	24°41	2°56	15°20	0♒ 2	17°45	21°18	26°26	22°25	29°26	16°D31	16° 6	12°14	n.a.	S 21
M22	5 54 59	0♑54'08	8♈50	4° 9	16°21	0°44	17°42	21°24	26°26	22°24	29°24	16°31	16° 2	12°21	n.a.	M22
T 23	5 58 56	1°53'10	22°49	5°24	17°22	1°26	17°39	21°30	26°27	22°24	29°23	16°31	15°59	12°28	n.a.	T 23
W24	6 2 52	2°52'10	6♉38	6°41	18°23	2° 7	17°35	21°36	26°28	22°23	29°22	16°33	15°56	12°34	n.a.	W24
T 25	6 6 49	3°51'08	20°15	8° 0	19°23	2°49	17°31	21°42	26°29	22°23	29°20	16°34	15°53	12°41	n.a.	T 25
F 26	6 10 45	4°50'03	3♊39	9°21	20°23	3°31	17°28	21°48	26°30	22°23	29°19	16°35	15°50	12°48	n.a.	F 26
S 27	6 14 42	5°48'56	16°52	10°43	21°22	4°13	17°24	21°55	26°31	22°22	29°17	16°R35	15°47	12°54	n.a.	S 27
S 28	6 18 39	6°47'46	29°51	12° 7	22°21	4°55	17°20	22° 1	26°33	22°22	29°16	16°35	15°43	13° 1	n.a.	S 28
M29	6 22 35	7°46'34	12♋37	13°33	23°20	5°36	17°15	22° 8	26°34	22°22	29°14	16°33	15°40	13° 8	n.a.	M29
T 30	6 26 32	8°45'20	25°11	15° 0	24°18	6°18	17°11	22°14	26°35	22°22	29°13	16°30	15°37	13°15	n.a.	T 30
W31	6 30 28	9♑44'03	7♌32	16♐30	25♒15	6♒59	17♌ 6	22♒21	26♓36	22♈22	29♋11	16♐27	15♐34	13♍21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	22s35	22n26	1s37	15s 7	3n 2	22s38	0s41	24s11	1s 3	17n32	1n48	17s48	2s34	2s 3	0s36	7n38	1s32	37n57	17n41	23s25	23s28	3n20			n.a.
T 2	22 44	20 20	2 41	15 17	2 51	22 22	0 37	24 5	1 2	17 32	1 49	17 46	2 33	2 3	0 36	7 38	1 32	37 58	17 42	23 25	23 28	3 17			n.a.
W 3	22 52	17 18	3 36	15 29	2 39	22 5	0 33	23 59	1 2	17 33	1 49	17 44	2 33	2 3	0 36	7 37	1 32	37 59	17 42	23 25	23 28	3 14			n.a.
T 4	23 0	13 35	4 21	15 43	2 28	21 48	0 29	23 52	1 1	17 33	1 49	17 43	2 33	2 3	0 36	7 37	1 32	37 59	17 43	23 25	23 28	3 11			n.a.
F 5	23 8	9 23	4 53	15 58	2 16	21 30	0 25	23 46	1 1	17 33	1 50	17 41	2 33	2 3	0 36	7 37	1 32	38 0	17 43	23 25	23 27	3 9			n.a.
S 6	23 15	4 52	5 11	16 15	2 4	21 12	0 21	23 39	1 0	17 34	1 50	17 39	2 32	2 3	0 36	7 36	1 32	38 1	17 44	23 25	23 27	3 6			n.a.
S 7	23 22	0 12	5 17	16 34	1 53	20 53	0 16	23 32	0 59	17 34	1 50	17 37	2 32	2 3	0 36	7 36	1 32	38 1	17 44	23 25	23 27	3 3			n.a.
M 8	23 28	4s30	5 9	16 54	1 41	20 34	0 12	23 25	0 59	17 34	1 51	17 35	2 32	2 3	0 36	7 36	1 32	38 2	17 44	23 25	23 26	3 1			n.a.
T 9	23 33	9 4	4 48	17 14	1 29	20 15	0 7	23 17	0 58	17 35	1 51	17 33	2 32	2 3	0 36	7 35	1 32	38 3	17 45	23 25	23 26	2 58			n.a.
W10	23 39	13 22	4 13	17 36	1 17	19 55	0 2	23 10	0 58	17 35	1 51	17 31	2 31	2 3	0 36	7 35	1 32	38 3	17 45	23 25	23 26	2 55			n.a.
T 11	23 44	17 11	3 26	17 58	1 6	19 34	0n 2	23 2	0 57	17 36	1 52	17 30	2 31	2 3	0 36	7 35	1 32	38 4	17 46	23 25	23 25	2 53			n.a.
F 12	23 48	20 18	2 27	18 21	0 55	19 13	0 7	22 54	0 57	17 37	1 52	17 28	2 31	2 3	0 36	7 35	1 32	38 5	17 46	23 25	23 25	2 50			n.a.
S 13	23 52	22 28	1 20	18 44	0 44	18 52	0 12	22 46	0 56	17 38	1 52	17 26	2 31	2 2	0 36	7 35	1 32	38 5	17 46	23 25	23 25	2 47			n.a.
S 14	23 55	23 24	0 6	19 8	0 33	18 30	0 17	22 37	0 55	17 38	1 53	17 24	2 30	2 2	0 36	7 34	1 32	38 6	17 47	23 25	23 24	2 45			n.a.
M15	23 58	22 58	1n 9	19 32	0 22	18 8	0 22	22 29	0 55	17 39	1 53	17 22	2 30	2 2	0 36	7 34	1 32	38 7	17 47	23 25	23 24	2 42			n.a.
T 16	24 1	21 5	2 22	19 56	0 12	17 46	0 28	22 20	0 54	17 40	1 53	17 19	2 30	2 2	0 36	7 34	1 32	38 7	17 48	23 25	23 24	2 39			n.a.
W17	24 3	17 54	3 27	20 20	0 2	17 23	0 33	22 11	0 54	17 41	1 54	17 17	2 30	2 1	0 36	7 34	1 32	38 8	17 48	23 25	23 23	2 37			n.a.
T 18	24 5	13 37	4 20	20 44	0s 7	17 0	0 38	22 2	0 53	17 42	1 54	17 15	2 30	2 1	0 36	7 34	1 31	38 9	17 48	23 25	23 23	2 34			n.a.
F 19	24 6	8 33	4 56	21 7	0 17	16 37	0 43	21 52	0 52	17 43	1 54	17 13	2 29	2 1	0 36	7 33	1 31	38 9	17 49	23 25	23 23	2 31			n.a.
S 20	24 6	3 2	5 14	21 31	0 26	16 13	0 49	21 43	0 52	17 44	1 55	17 11	2 29	2 0	0 36	7 33	1 31	38 10	17 49	23 25	23 22	2 29			n.a.
S 21	24 7	2n36	5 13	21 54	0 34	15 50	0 55	21 33	0 51	17 46	1 55	17 9	2 29	2 0	0 36	7 33	1 31	38 11	17 49	23 25	23 22	2 26			n.a.
M22	24 7	8 3	4 53	22 16	0 43	15 26	1 0	21 23	0 51	17 47	1 55	17 7	2 29	2 0	0 36	7 33	1 31	38 11	17 50	23 25	23 22	2 23			n.a.
T 23	24 6	13 3	4 15	22 38	0 51	15 1	1 6	21 13	0 50	17 48	1 55	17 4	2 29	1 59	0 35	7 33	1 31	38 12	17 50	23 25	23 21	2 21			n.a.
W24	24 5	17 18	3 23	23 0	0 59	14 37	1 12	21 3	0 49	17 50	1 56	17 2	2 28	1 59	0 35	7 33	1 31	38 13	17 50	23 25	23 21	2 18			n.a.
T 25	24 3	20 33	2 20	23 20	1 6	14 12	1 17	20 52	0 49	17 51	1 56	17 0	2 28	1 58	0 35	7 33	1 31	38 13	17 50	23 25	23 21	2 15			n.a.
F 26	24 1	22 38	1 11	23 40	1 13	13 47	1 23	20 42	0 48	17 52	1 56	16 58	2 28	1 58	0 35	7 33	1 31	38 14	17 51	23 25	23 20	2 13			n.a.
S 27	23 59	23 25	0s 2	23 59	1 19	13 22	1 29	20 31	0 48	17 54	1 57	16 55	2 28	1 57	0 35	7 33	1 31	38 14	17 51	23 25	23 20	2 10			n.a.
S 28	23 56	22 54	1 13	24 18	1 25	12 57	1 35	20 20	0 47	17 55	1 57	16 53	2 28	1 57	0 35	7 33	1 31	38 15	17 51	23 25	23 20	2 7			n.a.
M29	23 53	21 12	2 19	24 35	1 31	12 32	1 41	20 9	0 46	17 57	1 57	16 51	2 27	1 56	0 35	7 33	1 31	38 16	17 51	23 25	23 19	2 5			n.a.
T 30	23 49	18 29	3 17	24 51	1 36	12 7	1 47	19 58	0 46	17 59	1 57	16 48	2 27	1 56	0 35	7 33	1 31	38 16	17 52	23 25	23 19	2 2			n.a.
W31	23s45	14n58	4s 4	25s 5	1s41	11s41	1n53	19s46	0s45	18n 0	1n58	16s46	2s27	1s55	0s35	7n33	1s31	38n17	17n52	23s24	23s18	2n 0			n.a.

Julian Day Number = 192121.5, Delta T = 32h26m01s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'39, Lahiri = -61°28'38 Julian Calendar 1 Jan. 4187 BCE == Greg. Calendar 29 Nov. 4188 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

FEBRUARY 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 34 25	10♉42'45	19♌42	18♐ 0	26♒12	7♒41	17°R 2	22♒27	26♓38	22°R22	29°R 9	16°R23	15♐31	13♍28	n.a.	T 1
F 2	6 38 21	11°41'24	1♍43	19°32	27° 9	8°23	16♌57	22°34	26°39	22♈22	29♋ 8	16♐19	15°28	13°35	n.a.	F 2
S 3	6 42 18	12°40'01	13°38	21° 6	28° 5	9° 4	16°52	22°41	26°41	22°D22	29° 6	16°15	15°24	13°42	n.a.	S 3
S 4	6 46 14	13°38'37	25°31	22°42	29° 0	9°45	16°47	22°48	26°42	22°22	29° 5	16°13	15°21	13°48	n.a.	S 4
M 5	6 50 11	14°37'10	7♎25	24°19	29°55	10°27	16°41	22°55	26°44	22°22	29° 3	16°11	15°18	13°55	n.a.	M 5
T 6	6 54 7	15°35'42	19°26	25°57	0♓49	11° 8	16°36	23° 2	26°45	22°22	29° 1	16°D11	15°15	14° 2	n.a.	T 6
W 7	6 58 4	16°34'11	1♏37	27°37	1°43	11°49	16°30	23° 8	26°47	22°22	29° 0	16°12	15°12	14° 8	n.a.	W 7
T 8	7 2 0	17°32'39	14° 4	29°19	2°36	12°31	16°24	23°16	26°49	22°22	28°58	16°14	15° 8	14°15	n.a.	T 8
F 9	7 5 57	18°31'05	26°51	1♉ 2	3°28	13°12	16°19	23°23	26°50	22°22	28°57	16°15	15° 5	14°22	n.a.	F 9
S 10	7 9 53	19°29'29	10♐ 1	2°47	4°20	13°53	16°13	23°30	26°52	22°22	28°55	16°R16	15° 2	14°29	n.a.	S 10
S 11	7 13 50	20°27'51	23°35	4°33	5°11	14°34	16° 7	23°37	26°54	22°23	28°53	16°16	14°59	14°35	n.a.	S 11
M12	7 17 46	21°26'12	7♉35	6°21	6° 1	15°16	16° 0	23°44	26°56	22°23	28°52	16°15	14°56	14°42	n.a.	M12
T 13	7 21 43	22°24'30	21°56	8°10	6°51	15°57	15°54	23°51	26°58	22°23	28°50	16°11	14°53	14°49	n.a.	T 13
W14	7 25 40	23°22'46	6♒33	10° 1	7°39	16°38	15°47	23°59	27° 0	22°24	28°48	16° 7	14°49	14°56	n.a.	W14
T 15	7 29 36	24°21'00	21°20	11°54	8°27	17°19	15°41	24° 6	27° 2	22°24	28°47	16° 1	14°46	15° 2	n.a.	T 15
F 16	7 33 33	25°19'12	6♓ 9	13°48	9°14	18° 0	15°34	24°13	27° 4	22°24	28°45	15°55	14°43	15° 9	n.a.	F 16
S 17	7 37 29	26°17'22	20°52	15°44	10° 1	18°41	15°27	24°21	27° 6	22°25	28°43	15°50	14°40	15°16	n.a.	S 17
S 18	7 41 26	27°15'29	5♈23	17°42	10°46	19°21	15°21	24°28	27° 8	22°25	28°42	15°47	14°37	15°22	n.a.	S 18
M19	7 45 22	28°13'34	19°37	19°40	11°30	20° 2	15°14	24°36	27°10	22°26	28°40	15°45	14°33	15°29	n.a.	M19
T 20	7 49 19	29°11'37	3♉33	21°41	12°13	20°43	15° 7	24°43	27°12	22°26	28°38	15°D45	14°30	15°36	n.a.	T 20
W21	7 53 15	0♒ 9'38	17°10	23°43	12°56	21°24	15° 0	24°51	27°15	22°27	28°36	15°46	14°27	15°43	n.a.	W21
T 22	7 57 12	1° 7'37	0♊30	25°46	13°37	22° 5	14°52	24°58	27°17	22°27	28°35	15°47	14°24	15°49	n.a.	T 22
F 23	8 1 8	2° 5'33	13°34	27°51	14°17	22°45	14°45	25° 6	27°19	22°28	28°33	15°R48	14°21	15°56	n.a.	F 23
S 24	8 5 5	3° 3'28	26°25	29°56	14°56	23°26	14°38	25°13	27°22	22°29	28°31	15°47	14°18	16° 3	n.a.	S 24
S 25	8 9 1	4° 1'20	9♋ 4	2♒ 3	15°34	24° 7	14°31	25°21	27°24	22°29	28°30	15°45	14°14	16°10	n.a.	S 25
M26	8 12 58	4°59'11	21°32	4°11	16°11	24°47	14°23	25°29	27°27	22°30	28°28	15°40	14°11	16°16	n.a.	M26
T 27	8 16 54	5°56'59	3♌51	6°19	16°46	25°28	14°16	25°36	27°29	22°31	28°26	15°33	14° 8	16°23	n.a.	T 27
W28	8 20 51	6♒54'46	16♌ 2	8♒28	17♓20	26♒ 8	14♌ 8	25♒44	27♓32	22♈32	28♋25	15♐24	14♐ 5	16♍30	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23 s40	10n54	4 s40	25 s19	1 s46	11 s16	2n 0	19 s35	0 s45	18n 2	1n58	16 s43	2 s27	1 s55	0 s35	7n33	1 s31	38n17	17n52	23 s24	23 s18	1n57			n.a.
F 2	23 35	6 27	5 3	25 31	1 50	10 50	2 6	19 23	0 44	18 4	1 58	16 41	2 27	1 54	0 35	7 33	1 31	38 18	17 52	23 23	23 18	1 54			n.a.
S 3	23 29	1 49	5 13	25 42	1 54	10 25	2 12	19 11	0 43	18 6	1 58	16 38	2 27	1 53	0 35	7 33	1 30	38 19	17 52	23 23	23 17	1 52			n.a.
S 4	23 23	2 s53	5 9	25 51	1 57	9 59	2 19	18 59	0 43	18 8	1 59	16 36	2 26	1 53	0 35	7 33	1 30	38 19	17 53	23 23	23 17	1 49			n.a.
M 5	23 17	7 29	4 52	25 59	2 0	9 34	2 25	18 47	0 42	18 9	1 59	16 34	2 26	1 52	0 35	7 33	1 30	38 20	17 53	23 23	23 17	1 46			n.a.
T 6	23 10	11 50	4 22	26 5	2 2	9 8	2 31	18 35	0 42	18 11	1 59	16 31	2 26	1 51	0 35	7 33	1 30	38 20	17 53	23 23	23 16	1 44			n.a.
W 7	23 3	15 48	3 40	26 9	2 4	8 43	2 38	18 23	0 41	18 13	1 59	16 29	2 26	1 51	0 35	7 33	1 30	38 21	17 53	23 23	23 16	1 41			n.a.
T 8	22 55	19 9	2 47	26 12	2 5	8 17	2 44	18 10	0 40	18 15	1 59	16 26	2 26	1 50	0 35	7 33	1 30	38 21	17 53	23 23	23 16	1 38			n.a.
F 9	22 47	21 41	1 44	26 12	2 6	7 52	2 51	17 58	0 40	18 17	2 0	16 23	2 26	1 49	0 35	7 33	1 30	38 22	17 53	23 23	23 15	1 36			n.a.
S 10	22 39	23 9	0 34	26 11	2 6	7 27	2 57	17 45	0 39	18 19	2 0	16 21	2 26	1 48	0 35	7 34	1 30	38 22	17 54	23 23	23 15	1 33			n.a.
S 11	22 30	23 17	0n40	26 8	2 6	7 2	3 4	17 32	0 39	18 21	2 0	16 18	2 25	1 48	0 35	7 34	1 30	38 23	17 54	23 23	23 15	1 30			n.a.
M12	22 21	22 0	1 54	26 2	2 5	6 37	3 11	17 19	0 38	18 24	2 0	16 16	2 25	1 47	0 35	7 34	1 30	38 23	17 54	23 23	23 14	1 28			n.a.
T 13	22 11	19 17	3 2	25 55	2 4	6 12	3 17	17 6	0 37	18 26	2 0	16 13	2 25	1 46	0 35	7 34	1 30	38 24	17 54	23 23	23 14	1 25			n.a.
W14	22 1	15 18	4 0	25 45	2 2	5 48	3 24	16 53	0 37	18 28	2 0	16 11	2 25	1 45	0 35	7 34	1 30	38 24	17 54	23 22	23 13	1 22			n.a.
T 15	21 51	10 21	4 42	25 33	1 59	5 23	3 31	16 39	0 36	18 30	2 1	16 8	2 25	1 44	0 35	7 34	1 30	38 25	17 54	23 21	23 13	1 20			n.a.
F 16	21 40	4 47	5 5	25 18	1 56	4 59	3 37	16 26	0 36	18 32	2 1	16 5	2 25	1 44	0 35	7 35	1 30	38 25	17 54	23 21	23 13	1 17			n.a.
S 17	21 29	0n59	5 9	25 1	1 53	4 35	3 44	16 12	0 35	18 34	2 1	16 3	2 25	1 43	0 35	7 35	1 30	38 26	17 54	23 20	23 12	1 14			n.a.
S 18	21 18	6 38	4 52	24 42	1 49	4 12	3 50	15 58	0 34	18 37	2 1	16 0	2 25	1 42	0 35	7 35	1 30	38 26	17 54	23 20	23 12	1 12			n.a.
M19	21 6	11 50	4 18	24 20	1 44	3 49	3 57	15 45	0 34	18 39	2 1	15 57	2 24	1 41	0 34	7 35	1 29	38 26	17 54	23 20	23 12	1 9			n.a.
T 20	20 54	16 18	3 29	23 56	1 39	3 26	4 4	15 31	0 33	18 41	2 1	15 55	2 24	1 40	0 34	7 36	1 29	38 27	17 54	23 20	23 11	1 7			n.a.
W21	20 41	19 48	2 29	23 29	1 33	3 3	4 10	15 17	0 33	18 43	2 1	15 52	2 24	1 39	0 34	7 36	1 29	38 27	17 54	23 20	23 11	1 4			n.a.
T 22	20 28	22 10	1 22	23 0	1 26	2 41	4 17	15 3	0 32	18 46	2 2	15 49	2 24	1 38	0 34	7 36	1 29	38 28	17 54	23 20	23 10	1 1			n.a.
F 23	20 15	23 16	0 12	22 28	1 19	2 19	4 23	14 48	0 31	18 48	2 2	15 46	2 24	1 37	0 34	7 36	1 29	38 28	17 54	23 20	23 10	0 59			n.a.
S 24	20 1	23 7	0 s57	21 54	1 12	1 58	4 30	14 34	0 31	18 50	2 2	15 44	2 24	1 36	0 34	7 37	1 29	38 28	17 54	23 20	23 10	0 56			n.a.
S 25	19 47	21 46	2 2	21 17	1 4	1 37	4 36	14 20	0 30	18 53	2 2	15 41	2 24	1 35	0 34	7 37	1 29	38 29	17 54	23 20	23 9	0 53			n.a.
M26	19 33	19 22	3 0	20 39	0 55	1 17	4 43	14 5	0 30	18 55	2 2	15 38	2 24	1 34	0 34	7 37	1 29	38 29	17 54	23 19	23 9	0 51			n.a.
T 27	19 19	16 8	3 49	19 58	0 46	0 57	4 49	13 51	0 29	18 57	2 2	15 35	2 24	1 33	0 34	7 38	1 29	38 29	17 54	23 18	23 9	0 48			n.a.
W28	19 s 4	12n15	4 s27	19 s14	0 s36	0 s38	4n55	13 s36	0 s28	18n59	2n 2	15 s33	2 s24	1 s32	0 s34	7n38	1 s29	38n30	17n54	23 s17	23 s 8	0n46			n.a.

Julian Day Number = 192152.5, Delta T = 32h25m58s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'35, Lahiri = -61°28'34 Julian Calendar 1 Feb. 4187 BCE == Greg. Calendar 30 Dec. 4188 BCE

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

MARCH 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 48	7♒52'31	28♌ 6	10♒37	17♓53	26♒49	14°R 1	25♒52	27♓34	22♈33	28°R23	15°R15	14♐ 2	16♍36	n.a.	T 1
F 2	8 28 44	8°50'15	10♍ 3	12°46	18°24	27°29	13♌53	26° 0	27°37	22°33	28♋21	15♐ 5	13°59	16°43	n.a.	F 2
S 3	8 32 41	9°47'56	21°57	14°55	18°54	28°10	13°46	26° 7	27°39	22°34	28°20	14°55	13°55	16°50	n.a.	S 3
S 4	8 36 37	10°45'37	3♎49	17° 4	19°22	28°50	13°38	26°15	27°42	22°35	28°18	14°48	13°52	16°57	n.a.	S 4
M 5	8 40 34	11°43'16	15°42	19°11	19°49	29°30	13°30	26°23	27°45	22°36	28°17	14°42	13°49	17° 3	n.a.	M 5
T 6	8 44 30	12°40'54	27°41	21°18	20°14	0♓11	13°23	26°31	27°47	22°37	28°15	14°39	13°46	17°10	n.a.	T 6
W 7	8 48 27	13°38'30	9♏50	23°23	20°37	0°51	13°15	26°39	27°50	22°38	28°13	14°D38	13°43	17°17	n.a.	W 7
T 8	8 52 23	14°36'05	22°14	25°26	20°58	1°31	13° 7	26°47	27°53	22°39	28°12	14°38	13°39	17°24	n.a.	T 8
F 9	8 56 20	15°33'39	4♐58	27°28	21°18	2°11	13° 0	26°55	27°56	22°40	28°10	14°38	13°36	17°30	n.a.	F 9
S 10	9 0 16	16°31'12	18° 5	29°27	21°36	2°51	12°52	27° 3	27°59	22°41	28° 9	14°R39	13°33	17°37	n.a.	S 10
S 11	9 4 13	17°28'43	1♑40	1♓24	21°52	3°32	12°45	27°11	28° 2	22°42	28° 7	14°37	13°30	17°44	n.a.	S 11
M12	9 8 9	18°26'13	15°44	3°18	22° 6	4°12	12°37	27°19	28° 4	22°44	28° 5	14°34	13°27	17°50	n.a.	M12
T 13	9 12 6	19°23'42	0♒14	5°10	22°18	4°52	12°29	27°27	28° 7	22°45	28° 4	14°28	13°24	17°57	n.a.	T 13
W14	9 16 3	20°21'10	15° 7	6°59	22°28	5°32	12°22	27°34	28°10	22°46	28° 2	14°20	13°20	18° 4	n.a.	W14
T 15	9 19 59	21°18'37	0♓13	8°45	22°36	6°12	12°14	27°42	28°13	22°47	28° 1	14°11	13°17	18°11	n.a.	T 15
F 16	9 23 56	22°16'01	15°24	10°27	22°41	6°52	12° 7	27°50	28°16	22°49	27°59	14° 1	13°14	18°17	n.a.	F 16
S 17	9 27 52	23°13'25	0♈28	12° 7	22°44	7°32	12° 0	27°58	28°19	22°50	27°58	13°52	13°11	18°24	n.a.	S 17
S 18	9 31 49	24°10'47	15°16	13°43	22°R45	8°12	11°52	28° 6	28°22	22°51	27°56	13°45	13° 8	18°31	n.a.	S 18
M19	9 35 45	25° 8'07	29°43	15°17	22°44	8°52	11°45	28°14	28°26	22°52	27°55	13°41	13° 5	18°37	n.a.	M19
T 20	9 39 42	26° 5'27	13♉45	16°46	22°40	9°31	11°38	28°22	28°29	22°54	27°53	13°39	13° 1	18°44	n.a.	T 20
W21	9 43 38	27° 2'44	27°22	18°13	22°34	10°11	11°30	28°31	28°32	22°55	27°52	13°D38	12°58	18°51	n.a.	W21
T 22	9 47 35	28° 0'01	10♊36	19°36	22°25	10°51	11°23	28°39	28°35	22°57	27°51	13°R38	12°55	18°58	n.a.	T 22
F 23	9 51 32	28°57'16	23°30	20°56	22°14	11°31	11°16	28°47	28°38	22°58	27°49	13°38	12°52	19° 4	n.a.	F 23
S 24	9 55 28	29°54'29	6♋ 8	22°12	22° 1	12°11	11° 9	28°55	28°41	23° 0	27°48	13°36	12°49	19°11	n.a.	S 24
S 25	9 59 25	0♓51'41	18°33	23°25	21°45	12°50	11° 3	29° 3	28°45	23° 1	27°47	13°32	12°45	19°18	n.a.	S 25
M26	10 3 21	1°48'52	0♌48	24°34	21°27	13°30	10°56	29°11	28°48	23° 3	27°45	13°25	12°42	19°25	n.a.	M26
T 27	10 7 18	2°46'02	12°55	25°39	21° 6	14° 9	10°49	29°19	28°51	23° 4	27°44	13°15	12°39	19°31	n.a.	T 27
W28	10 11 14	3°43'11	24°56	26°41	20°43	14°49	10°43	29°27	28°54	23° 6	27°43	13° 3	12°36	19°38	n.a.	W28
T 29	10 15 11	4°40'19	6♍53	27°39	20°18	15°29	10°36	29°35	28°58	23° 7	27°41	12°50	12°33	19°45	n.a.	T 29
F 30	10 19 7	5°37'26	18°47	28°33	19°51	16° 8	10°30	29°43	29° 1	23° 9	27°40	12°36	12°30	19°51	n.a.	F 30
S 31	10 23 4	6♓34'32	0♎40	29♓23	19♓23	16♓48	10♌24	29♒51	29♓ 4	23♈11	27♋39	12♐24	12♐26	19♍58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s49	7n55	4s52	18s29	0s27	0s19	5n 2	13s21	0s28	19n 2	2n 2	15s30	2s24	1s31	0s34	7n39	1s29	38n30	17n54	23s16	23s 8	0n43		n.a.
F 2	18 33	3 20	5 4	17 43	0 16	0 1	5 8	13 7	0 27	19 4	2 2	15 27	2 23	1 30	0 34	7 39	1 29	38 30	17 54	23 15	23 7	0 40		n.a.
S 3	18 18	1s20	5 3	16 55	0 6	0n17	5 14	12 52	0 27	19 6	2 2	15 24	2 23	1 29	0 34	7 39	1 29	38 31	17 54	23 14	23 7	0 38		n.a.
S 4	18 2	5 57	4 49	16 5	0n 5	0 33	5 20	12 37	0 26	19 9	2 2	15 21	2 23	1 27	0 34	7 40	1 29	38 31	17 53	23 13	23 7	0 35		n.a.
M 5	17 45	10 21	4 22	15 14	0 16	0 49	5 25	12 22	0 25	19 11	2 2	15 19	2 23	1 26	0 34	7 40	1 29	38 31	17 53	23 13	23 6	0 32		n.a.
T 6	17 29	14 24	3 44	14 23	0 26	1 4	5 31	12 6	0 25	19 13	2 2	15 16	2 23	1 25	0 34	7 41	1 29	38 31	17 53	23 12	23 6	0 30		n.a.
W 7	17 12	17 56	2 55	13 31	0 37	1 19	5 37	11 51	0 24	19 15	2 2	15 13	2 23	1 24	0 34	7 41	1 29	38 32	17 53	23 12	23 5	0 27		n.a.
T 8	16 55	20 43	1 57	12 39	0 48	1 32	5 42	11 36	0 24	19 18	2 2	15 10	2 23	1 23	0 34	7 41	1 28	38 32	17 53	23 12	23 5	0 25		n.a.
F 9	16 37	22 34	0 52	11 47	0 59	1 45	5 47	11 21	0 23	19 20	2 2	15 7	2 23	1 22	0 34	7 42	1 28	38 32	17 53	23 12	23 5	0 22		n.a.
S 10	16 20	23 16	0n18	10 55	1 9	1 57	5 52	11 5	0 22	19 22	2 2	15 4	2 23	1 21	0 34	7 42	1 28	38 32	17 52	23 12	23 4	0 19		n.a.
S 11	16 2	22 37	1 30	10 3	1 19	2 8	5 57	10 50	0 22	19 24	2 2	15 1	2 23	1 19	0 34	7 43	1 28	38 32	17 52	23 12	23 4	0 17		n.a.
M12	15 44	20 33	2 38	9 12	1 29	2 17	6 1	10 34	0 21	19 27	2 2	14 59	2 23	1 18	0 34	7 43	1 28	38 33	17 52	23 12	23 3	0 14		n.a.
T 13	15 25	17 8	3 38	8 22	1 38	2 26	6 6	10 19	0 21	19 29	2 2	14 56	2 23	1 17	0 34	7 44	1 28	38 33	17 52	23 11	23 3	0 11		n.a.
W14	15 7	12 33	4 25	7 33	1 47	2 34	6 10	10 3	0 20	19 31	2 2	14 53	2 23	1 16	0 34	7 44	1 28	38 33	17 52	23 10	23 3	0 9		n.a.
T 15	14 48	7 8	4 54	6 45	1 55	2 40	6 13	9 47	0 19	19 33	2 2	14 50	2 23	1 14	0 34	7 45	1 28	38 33	17 51	23 9	23 2	0 6		n.a.
F 16	14 29	1 17	5 2	5 58	2 3	2 46	6 17	9 32	0 19	19 35	2 2	14 47	2 23	1 13	0 34	7 45	1 28	38 33	17 51	23 8	23 2	0 4		n.a.
S 17	14 9	4n36	4 50	5 13	2 10	2 50	6 20	9 16	0 18	19 37	2 2	14 44	2 23	1 12	0 34	7 46	1 28	38 33	17 51	23 7	23 1	0 1		n.a.
S 18	13 50	10 8	4 18	4 29	2 17	2 53	6 23	9 0	0 18	19 39	2 2	14 41	2 23	1 11	0 34	7 46	1 28	38 33	17 51	23 6	23 1	0s 2		n.a.
M19	13 30	14 57	3 31	3 47	2 23	2 54	6 25	8 44	0 17	19 41	2 1	14 38	2 23	1 9	0 34	7 47	1 28	38 33	17 50	23 5	23 1	0 4		n.a.
T 20	13 10	18 49	2 32	3 6	2 28	2 54	6 27	8 28	0 16	19 43	2 1	14 36	2 23	1 8	0 34	7 48	1 28	38 34	17 50	23 5	23 0	0 7		n.a.
W21	12 50	21 30	1 25	2 27	2 33	2 53	6 28	8 12	0 16	19 45	2 1	14 33	2 23	1 7	0 34	7 48	1 28	38 34	17 50	23 5	23 0	0 9		n.a.
T 22	12 30	22 56	0 16	1 50	2 37	2 50	6 29	7 56	0 15	19 47	2 1	14 30	2 23	1 5	0 34	7 49	1 28	38 34	17 50	23 5	22 59	0 12		n.a.
F 23	12 10	23 5	0s52	1 16	2 40	2 46	6 30	7 40	0 15	19 49	2 1	14 27	2 23	1 4	0 34	7 49	1 28	38 34	17 49	23 5	22 59	0 15		n.a.
S 24	11 49	22 2	1 56	0 43	2 42	2 41	6 29	7 24	0 14	19 51	2 1	14 24	2 23	1 3	0 34	7 50	1 28	38 34	17 49	23 5	22 58	0 17		n.a.
S 25	11 28	19 56	2 54	0 12	2 44	2 34	6 29	7 8	0 13	19 53	2 1	14 21	2 23	1 1	0 34	7 51	1 28	38 34	17 49	23 4	22 58	0 20		n.a.
M26	11 8	16 56	3 42	0n17	2 44	2 25	6 27	6 52	0 13	19 54	2 0	14 18	2 23	1 0	0 34	7 51	1 28	38 34	17 48	23 3	22 58	0 22		n.a.
T 27	10 46	13 16	4 20	0 44	2 44	2 15	6 26	6 35	0 12	19 56	2 0	14 15	2 23	0 59	0 33	7 52	1 27	38 34	17 48	23 2	22 57	0 25		n.a.
W28	10 25	9 6	4 45	1 8	2 44	2 4	6 23	6 19	0 12	19 58	2 0	14 12	2 23	0 57	0 33	7 52	1 27	38 34	17 48	23 0	22 57	0 28		n.a.
T 29	10 4	4 38	4 58	1 30	2 42	1 51	6 20	6 3	0 11	19 59	2 0	14 10	2 23	0 56	0 33	7 53	1 27	38 34	17 47	22 59	22 56	0 30		n.a.
F 30	9 42	0 0	4 58	1 50	2 39	1 37	6 16	5 47	0 10	20 1	2 0	14 7	2 23	0 55	0 33	7 54	1 27	38 33	17 47	22 57	22 56	0 33		n.a.
S 31	9s21	4s36	4s45	2n 8	2n36	1n21	6n11	5s30	0s10	20n 3	2n 0	14s 4	2s23	0s53	0s33	7n54	1s27	38n33	17n47	22s55	22s56	0s35		n.a.

Julian Day Number = 192180.5, Delta T = 32h25m55s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'31, Lahiri = -61°28'30 Julian Calendar 1 March 4187 BCE == Greg. Calendar 27 Jan. 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

APRIL 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 27 1	7♓31'38	12♎32	0♈10	18°R52	17♓27	10°R18	29♒59	29♓ 8	23♈12	27°R38	12°R13	12♐23	20♍ 5	n.a.	S 1
M 2	10 30 57	8°28'43	24°27	0°52	18♓20	18° 7	10♌12	0♓ 7	29°11	23°14	27♋37	12♐ 4	12°20	20°12	n.a.	M 2
T 3	10 34 54	9°25'47	6♏27	1°30	17°46	18°46	10° 6	0°14	29°15	23°16	27°35	11°59	12°17	20°18	n.a.	T 3
W 4	10 38 50	10°22'51	18°36	2° 4	17°11	19°25	10° 0	0°22	29°18	23°17	27°34	11°55	12°14	20°25	n.a.	W 4
T 5	10 42 47	11°19'55	0♐59	2°33	16°35	20° 5	9°54	0°30	29°21	23°19	27°33	11°54	12°10	20°32	n.a.	T 5
F 6	10 46 43	12°16'58	13°39	2°58	15°58	20°44	9°49	0°38	29°25	23°21	27°32	11°54	12° 7	20°39	n.a.	F 6
S 7	10 50 40	13°14'01	26°43	3°19	15°21	21°24	9°44	0°46	29°28	23°23	27°31	11°54	12° 4	20°45	n.a.	S 7
S 8	10 54 36	14°11'03	10♑13	3°35	14°43	22° 3	9°38	0°54	29°32	23°24	27°30	11°52	12° 1	20°52	n.a.	S 8
M 9	10 58 33	15° 8'06	24°11	3°47	14° 6	22°42	9°33	1° 2	29°35	23°26	27°29	11°49	11°58	20°59	n.a.	M 9
T 10	11 2 30	16° 5'08	8♒39	3°54	13°28	23°21	9°28	1°10	29°39	23°28	27°28	11°42	11°55	21° 5	n.a.	T 10
W11	11 6 26	17° 2'10	23°32	3°R56	12°51	24° 1	9°24	1°18	29°42	23°30	27°27	11°34	11°51	21°12	n.a.	W11
T 12	11 10 23	17°59'11	8♓43	3°54	12°14	24°40	9°19	1°25	29°46	23°32	27°26	11°24	11°48	21°19	n.a.	T 12
F 13	11 14 19	18°56'12	24° 1	3°48	11°38	25°19	9°14	1°33	29°49	23°34	27°25	11°13	11°45	21°26	n.a.	F 13
S 14	11 18 16	19°53'13	9♈17	3°37	11° 4	25°58	9°10	1°41	29°53	23°36	27°24	11° 3	11°42	21°32	n.a.	S 14
S 15	11 22 12	20°50'13	24°18	3°23	10°30	26°37	9° 6	1°49	29°56	23°37	27°24	10°55	11°39	21°39	n.a.	S 15
M16	11 26 9	21°47'13	8♉56	3° 4	9°58	27°16	9° 2	1°56	29°59	23°39	27°23	10°50	11°36	21°46	n.a.	M16
T 17	11 30 6	22°44'13	23° 8	2°42	9°28	27°56	8°58	2° 4	0♈ 3	23°41	27°22	10°47	11°32	21°52	n.a.	T 17
W18	11 34 2	23°41'12	6♊51	2°16	8°59	28°35	8°55	2°12	0° 7	23°43	27°21	10°D46	11°29	21°59	n.a.	W18
T 19	11 37 59	24°38'10	20° 8	1°48	8°32	29°14	8°51	2°19	0°11	23°45	27°21	10°R46	11°26	22° 6	n.a.	T 19
F 20	11 41 55	25°35'08	3♋ 1	1°17	8° 7	29°53	8°48	2°27	0°14	23°47	27°20	10°46	11°23	22°13	n.a.	F 20
S 21	11 45 52	26°32'06	15°35	0°44	7°45	0♈32	8°45	2°35	0°18	23°49	27°19	10°45	11°20	22°19	n.a.	S 21
S 22	11 49 48	27°29'04	27°53	0°10	7°24	1°11	8°42	2°42	0°21	23°51	27°19	10°41	11°16	22°26	n.a.	S 22
M23	11 53 45	28°26'01	10♌ 1	29♓35	7° 6	1°50	8°39	2°50	0°25	23°53	27°18	10°35	11°13	22°33	n.a.	M23
T 24	11 57 42	29°22'58	22° 1	29° 0	6°50	2°29	8°36	2°57	0°28	23°56	27°18	10°26	11°10	22°40	n.a.	T 24
W25	12 1 38	0♈19'54	3♍57	28°25	6°36	3° 7	8°34	3° 5	0°32	23°58	27°17	10°16	11° 7	22°46	n.a.	W25
T 26	12 5 35	1°16'51	15°50	27°51	6°25	3°46	8°31	3°12	0°36	24° 0	27°17	10° 3	11° 4	22°53	n.a.	T 26
F 27	12 9 31	2°13'48	27°42	27°19	6°16	4°25	8°29	3°20	0°39	24° 2	27°16	9°51	11° 1	23° 0	n.a.	F 27
S 28	12 13 28	3°10'45	9♎36	26°49	6°10	5° 4	8°27	3°27	0°43	24° 4	27°16	9°39	10°57	23° 6	n.a.	S 28
S 29	12 17 24	4° 7'42	21°32	26°21	6° 6	5°43	8°26	3°34	0°46	24° 6	27°15	9°30	10°54	23°13	n.a.	S 29
M30	12 21 21	5♈ 4'39	3♏32	25♓57	6°D 5	6♈22	8♌24	3♓41	0♈50	24♈ 8	27♋15	9♐22	10♐51	23♍20	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s59	9s 3	4s20	2n23	2n32	1n 4	6n 6	5s14	0s 9	20n 4	1n59	14s 1	2s23	0s52	0s33	7n55	1s27	38n33	17n46	22s54	22s55	0s38		n.a.
M 2	8 37	13 10	3 43	2 35	2 27	0 45	6 0	4 58	0 9	20 6	1 59	13 58	2 23	0 50	0 33	7 56	1 27	38 33	17 46	22 53	22 55	0 41		n.a.
T 3	8 15	16 48	2 56	2 45	2 21	0 26	5 53	4 41	0 8	20 7	1 59	13 55	2 23	0 49	0 33	7 56	1 27	38 33	17 45	22 52	22 54	0 43		n.a.
W 4	7 53	19 46	2 0	2 53	2 14	0 5	5 46	4 25	0 8	20 8	1 59	13 52	2 23	0 48	0 33	7 57	1 27	38 33	17 45	22 51	22 54	0 46		n.a.
T 5	7 31	21 52	0 57	2 58	2 6	0s17	5 38	4 9	0 7	20 10	1 58	13 49	2 23	0 46	0 33	7 58	1 27	38 33	17 45	22 51	22 53	0 48		n.a.
F 6	7 8	22 56	0n 9	3 0	1 57	0 39	5 29	3 52	0 6	20 11	1 58	13 47	2 23	0 45	0 33	7 59	1 27	38 33	17 44	22 51	22 53	0 51		n.a.
S 7	6 46	22 47	1 18	3 0	1 48	1 3	5 19	3 36	0 6	20 12	1 58	13 44	2 23	0 43	0 33	7 59	1 27	38 32	17 44	22 51	22 53	0 53		n.a.
S 8	6 24	21 19	2 24	2 57	1 37	1 27	5 9	3 19	0 5	20 13	1 58	13 41	2 23	0 42	0 33	8 0	1 27	38 32	17 43	22 51	22 52	0 56		n.a.
M 9	6 1	18 33	3 24	2 51	1 26	1 51	4 59	3 3	0 5	20 15	1 57	13 38	2 23	0 40	0 33	8 1	1 27	38 32	17 43	22 50	22 52	0 59		n.a.
T 10	5 38	14 33	4 13	2 43	1 14	2 16	4 47	2 46	0 4	20 16	1 57	13 35	2 23	0 39	0 33	8 1	1 27	38 32	17 42	22 50	22 51	1 1		n.a.
W11	5 15	9 34	4 46	2 32	1 1	2 42	4 36	2 30	0 4	20 17	1 57	13 32	2 23	0 38	0 33	8 2	1 27	38 32	17 42	22 48	22 51	1 4		n.a.
T 12	4 53	3 54	5 0	2 19	0 47	3 7	4 24	2 13	0 3	20 18	1 57	13 30	2 23	0 36	0 33	8 3	1 27	38 31	17 41	22 47	22 50	1 6		n.a.
F 13	4 30	2n 2	4 53	2 3	0 33	3 32	4 11	1 57	0 2	20 19	1 56	13 27	2 23	0 35	0 33	8 4	1 27	38 31	17 41	22 45	22 50	1 9		n.a.
S 14	4 7	7 49	4 25	1 45	0 18	3 58	3 58	1 40	0 2	20 20	1 56	13 24	2 24	0 33	0 33	8 4	1 27	38 31	17 41	22 44	22 49	1 11		n.a.
S 15	3 44	13 4	3 39	1 25	0 3	4 23	3 45	1 24	0 1	20 21	1 56	13 21	2 24	0 32	0 33	8 5	1 27	38 31	17 40	22 43	22 49	1 14		n.a.
M16	3 21	17 24	2 40	1 3	0s13	4 48	3 32	1 7	0 1	20 21	1 56	13 18	2 24	0 30	0 33	8 6	1 27	38 30	17 40	22 42	22 49	1 17		n.a.
T 17	2 58	20 33	1 32	0 39	0 29	5 12	3 18	0 51	0 0	20 22	1 55	13 16	2 24	0 29	0 33	8 7	1 27	38 30	17 39	22 42	22 48	1 19		n.a.
W18	2 34	22 24	0 21	0 14	0 45	5 35	3 4	0 34	0n 1	20 23	1 55	13 13	2 24	0 27	0 33	8 8	1 27	38 30	17 39	22 42	22 48	1 22		n.a.
T 19	2 11	22 55	0s49	0s12	1 2	5 58	2 51	0 18	0 1	20 24	1 55	13 10	2 24	0 26	0 33	8 8	1 27	38 29	17 38	22 42	22 47	1 24		n.a.
F 20	1 48	22 10	1 55	0 40	1 18	6 21	2 37	0 1	0 2	20 24	1 54	13 7	2 24	0 24	0 33	8 9	1 26	38 29	17 38	22 41	22 47	1 27		n.a.
S 21	1 25	20 18	2 53	1 8	1 34	6 42	2 23	0n15	0 2	20 25	1 54	13 5	2 24	0 23	0 33	8 10	1 26	38 29	17 37	22 41	22 46	1 29		n.a.
S 22	1 2	17 32	3 42	1 36	1 50	7 2	2 9	0 31	0 3	20 25	1 54	13 2	2 24	0 22	0 33	8 11	1 26	38 28	17 37	22 41	22 46	1 32		n.a.
M23	0 38	14 4	4 20	2 4	2 5	7 22	1 56	0 48	0 3	20 26	1 53	12 59	2 24	0 20	0 33	8 11	1 26	38 28	17 36	22 40	22 45	1 34		n.a.
T 24	0 15	10 3	4 46	2 32	2 19	7 40	1 42	1 4	0 4	20 26	1 53	12 56	2 24	0 19	0 33	8 12	1 26	38 28	17 36	22 39	22 45	1 37		n.a.
W25	0n 8	5 42	5 0	2 58	2 33	7 58	1 29	1 21	0 5	20 27	1 53	12 54	2 25	0 17	0 33	8 13	1 26	38 27	17 35	22 37	22 45	1 40		n.a.
T 26	0 31	1 9	5 0	3 24	2 46	8 14	1 16	1 37	0 5	20 27	1 53	12 51	2 25	0 16	0 33	8 14	1 26	38 27	17 35	22 35	22 44	1 42		n.a.
F 27	0 55	3s26	4 47	3 47	2 57	8 29	1 4	1 53	0 6	20 27	1 52	12 48	2 25	0 14	0 33	8 15	1 26	38 26	17 34	22 33	22 44	1 45		n.a.
S 28	1 18	7 54	4 22	4 9	3 8	8 43	0 51	2 10	0 6	20 27	1 52	12 46	2 25	0 13	0 33	8 16	1 26	38 26	17 33	22 32	22 43	1 47		n.a.
S 29	1 41	12 5	3 45	4 29	3 17	8 55	0 39	2 26	0 7	20 27	1 52	12 43	2 25	0 11	0 33	8 16	1 26	38 26	17 33	22 30	22 43	1 50		n.a.
M30	2n 4	15s49	2s58	4s46	3s25	9s 7	0n27	2n42	0n 7	20n28	1n51	12s41	2s25	0s10	0s33	8n17	1s26	38n25	17n32	22s29	22s42	1s52		n.a.

Julian Day Number = 192211.5, Delta T = 32h25m52s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'27, Lahiri = -61°28'26 Julian Calendar 1 Apr. 4187 BCE == Greg. Calendar 27 Feb. 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

MAY 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 25 18	6♈ 1'37	15♏38	25°R36	6♓ 5	7♈ 0	8°R23	3♓49	0♈53	24♈10	27°R15	9°R17	10♐48	23♍27	n.a.	T 1
W 2	12 29 14	6°58'35	27°53	25♓19	6° 8	7°39	8♌21	3°56	0°57	24°12	27♋14	9♐14	10°45	23°33	n.a.	W 2
T 3	12 33 11	7°55'34	10♐20	25° 7	6°14	8°18	8°20	4° 3	1° 0	24°14	27°14	9°D14	10°41	23°40	n.a.	T 3
F 4	12 37 7	8°52'33	23° 3	24°59	6°21	8°57	8°20	4°10	1° 4	24°17	27°14	9°14	10°38	23°47	n.a.	F 4
S 5	12 41 4	9°49'34	6♑ 5	24°D56	6°31	9°35	8°19	4°17	1° 8	24°19	27°13	9°R15	10°35	23°53	n.a.	S 5
S 6	12 45 0	10°46'35	19°31	24°57	6°42	10°14	8°18	4°24	1°11	24°21	27°13	9°15	10°32	24° 0	n.a.	S 6
M 7	12 48 57	11°43'36	3♒22	25° 4	6°56	10°53	8°18	4°31	1°15	24°23	27°13	9°13	10°29	24° 7	n.a.	M 7
T 8	12 52 54	12°40'39	17°39	25°16	7°12	11°31	8°D18	4°38	1°18	24°25	27°13	9° 9	10°26	24°14	n.a.	T 8
W 9	12 56 50	13°37'42	2♓21	25°33	7°30	12°10	8°18	4°45	1°22	24°28	27°13	9° 3	10°22	24°20	n.a.	W 9
T 10	13 0 47	14°34'46	17°21	25°56	7°49	12°49	8°18	4°52	1°25	24°30	27°13	8°55	10°19	24°27	n.a.	T 10
F 11	13 4 43	15°31'51	2♈32	26°24	8°10	13°27	8°19	4°59	1°29	24°32	27°D13	8°47	10°16	24°34	n.a.	F 11
S 12	13 8 40	16°28'56	17°43	26°57	8°33	14° 6	8°19	5° 5	1°32	24°34	27°13	8°40	10°13	24°41	n.a.	S 12
S 13	13 12 36	17°26'02	2♉44	27°35	8°58	14°45	8°20	5°12	1°36	24°36	27°13	8°34	10°10	24°47	n.a.	S 13
M14	13 16 33	18°23'09	17°27	28°19	9°24	15°23	8°21	5°19	1°39	24°39	27°13	8°30	10° 7	24°54	n.a.	M14
T 15	13 20 30	19°20'16	1♊44	29° 7	9°52	16° 2	8°22	5°25	1°43	24°41	27°13	8°28	10° 3	25° 1	n.a.	T 15
W16	13 24 26	20°17'25	15°34	0♈ 1	10°21	16°40	8°24	5°32	1°46	24°43	27°13	8°D28	10° 0	25° 7	n.a.	W16
T 17	13 28 23	21°14'33	28°56	1° 0	10°52	17°19	8°25	5°38	1°49	24°45	27°14	8°29	9°57	25°14	n.a.	T 17
F 18	13 32 19	22°11'42	11♋53	2° 3	11°24	17°57	8°27	5°45	1°53	24°48	27°14	8°30	9°54	25°21	n.a.	F 18
S 19	13 36 16	23° 8'52	24°29	3°12	11°58	18°36	8°29	5°51	1°56	24°50	27°14	8°R31	9°51	25°28	n.a.	S 19
S 20	13 40 13	24° 6'03	6♌48	4°25	12°33	19°14	8°31	5°57	2° 0	24°52	27°14	8°30	9°47	25°34	n.a.	S 20
M21	13 44 9	25° 3'14	18°54	5°43	13° 9	19°53	8°33	6° 3	2° 3	24°54	27°15	8°27	9°44	25°41	n.a.	M21
T 22	13 48 6	26° 0'26	0♍51	7° 5	13°46	20°31	8°35	6° 9	2° 6	24°56	27°15	8°23	9°41	25°48	n.a.	T 22
W23	13 52 2	26°57'38	12°45	8°32	14°24	21°10	8°38	6°16	2°10	24°59	27°16	8°17	9°38	25°54	n.a.	W23
T 24	13 55 59	27°54'52	24°37	10° 4	15° 4	21°48	8°41	6°22	2°13	25° 1	27°16	8°10	9°35	26° 1	n.a.	T 24
F 25	13 59 55	28°52'06	6♎30	11°39	15°44	22°26	8°44	6°28	2°16	25° 3	27°17	8° 3	9°32	26° 8	n.a.	F 25
S 26	14 3 52	29°49'21	18°28	13°18	16°26	23° 5	8°47	6°33	2°20	25° 5	27°17	7°56	9°28	26°15	n.a.	S 26
S 27	14 7 49	0♉46'38	0♏30	15° 1	17° 8	23°43	8°50	6°39	2°23	25° 8	27°18	7°50	9°25	26°21	n.a.	S 27
M28	14 11 45	1°43'56	12°40	16°48	17°52	24°22	8°53	6°45	2°26	25°10	27°18	7°46	9°22	26°28	n.a.	M28
T 29	14 15 42	2°41'15	24°58	18°38	18°36	25° 0	8°57	6°51	2°29	25°12	27°19	7°43	9°19	26°35	n.a.	T 29
W30	14 19 38	3°38'35	7♐26	20°30	19°22	25°38	9° 1	6°56	2°32	25°14	27°19	7°D43	9°16	26°41	n.a.	W30
T 31	14 23 35	4♉35'57	20♐ 5	22♈25	20♓ 8	26♈17	9♌ 5	7♓ 2	2♈36	25♈16	27♋20	7♐43	9♐13	26♍48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2n27	18s56	2s 2	5s 1	3s31	9s17	0n16	2n59	0n 8	20n28	1n51	12s38	2s25	0s 8	0s33	8n18	1s26	38n25	17n32	22s28	22s42	1s55			n.a.
W 2	2 51	21 13	1 0	5 13	3 37	9 27	0 4	3 15	0 8	20 28	1 51	12 35	2 25	0 7	0 33	8 19	1 26	38 24	17 31	22 28	22 41	1 57			n.a.
T 3	3 14	22 32	0n 6	5 21	3 41	9 35	0s 6	3 31	0 9	20 28	1 50	12 33	2 26	0 5	0 33	8 20	1 26	38 24	17 31	22 28	22 41	2 0			n.a.
F 4	3 37	22 42	1 13	5 27	3 44	9 42	0 17	3 47	0 10	20 27	1 50	12 30	2 26	0 4	0 33	8 20	1 26	38 23	17 30	22 28	22 40	2 2			n.a.
S 5	4 0	21 40	2 19	5 30	3 45	9 47	0 27	4 3	0 10	20 27	1 50	12 28	2 26	0 3	0 33	8 21	1 26	38 23	17 30	22 28	22 40	2 5			n.a.
S 6	4 23	19 23	3 18	5 29	3 45	9 52	0 37	4 20	0 11	20 27	1 49	12 25	2 26	0 1	0 33	8 22	1 26	38 22	17 29	22 28	22 39	2 8			n.a.
M 7	4 46	15 56	4 8	5 25	3 44	9 56	0 47	4 36	0 11	20 27	1 49	12 23	2 26	0n 0	0 33	8 23	1 26	38 22	17 28	22 27	22 39	2 10			n.a.
T 8	5 9	11 28	4 45	5 19	3 42	9 58	0 56	4 52	0 12	20 27	1 49	12 20	2 26	0 2	0 33	8 24	1 26	38 21	17 28	22 27	22 38	2 13			n.a.
W 9	5 31	6 13	5 4	5 9	3 39	10 0	1 5	5 8	0 12	20 26	1 48	12 18	2 26	0 3	0 33	8 25	1 26	38 21	17 27	22 26	22 38	2 15			n.a.
T 10	5 54	0 31	5 2	4 56	3 35	10 0	1 13	5 24	0 13	20 26	1 48	12 15	2 27	0 5	0 33	8 26	1 26	38 20	17 27	22 25	22 38	2 18			n.a.
F 11	6 17	5n18	4 40	4 39	3 29	9 59	1 21	5 40	0 13	20 25	1 48	12 13	2 27	0 6	0 33	8 26	1 26	38 20	17 26	22 23	22 37	2 20			n.a.
S 12	6 39	10 48	3 58	4 20	3 23	9 58	1 29	5 56	0 14	20 25	1 47	12 11	2 27	0 8	0 33	8 27	1 26	38 19	17 26	22 22	22 37	2 23			n.a.
S 13	7 2	15 34	3 0	3 58	3 16	9 55	1 37	6 11	0 15	20 24	1 47	12 8	2 27	0 9	0 33	8 28	1 26	38 18	17 25	22 21	22 36	2 25			n.a.
M14	7 24	19 17	1 51	3 33	3 8	9 51	1 44	6 27	0 15	20 24	1 46	12 6	2 27	0 10	0 33	8 29	1 26	38 18	17 24	22 21	22 36	2 28			n.a.
T 15	7 46	21 41	0 36	3 6	3 0	9 47	1 51	6 43	0 16	20 23	1 46	12 4	2 27	0 12	0 33	8 30	1 26	38 17	17 24	22 20	22 35	2 30			n.a.
W16	8 9	22 40	0s38	2 35	2 51	9 42	1 57	6 59	0 16	20 22	1 46	12 1	2 28	0 13	0 33	8 31	1 26	38 17	17 23	22 20	22 35	2 33			n.a.
T 17	8 31	22 18	1 48	2 2	2 41	9 35	2 4	7 14	0 17	20 22	1 45	11 59	2 28	0 15	0 33	8 31	1 26	38 16	17 23	22 20	22 34	2 35			n.a.
F 18	8 53	20 44	2 50	1 27	2 30	9 28	2 10	7 30	0 17	20 21	1 45	11 57	2 28	0 16	0 33	8 32	1 26	38 15	17 22	22 21	22 34	2 38			n.a.
S 19	9 14	18 11	3 43	0 49	2 20	9 20	2 15	7 46	0 18	20 20	1 45	11 54	2 28	0 17	0 33	8 33	1 26	38 15	17 22	22 21	22 33	2 40			n.a.
S 20	9 36	14 51	4 23	0 9	2 8	9 12	2 21	8 1	0 18	20 19	1 44	11 52	2 28	0 19	0 33	8 34	1 26	38 14	17 21	22 21	22 33	2 43			n.a.
M21	9 58	10 58	4 51	0n33	1 57	9 2	2 26	8 17	0 19	20 18	1 44	11 50	2 28	0 20	0 33	8 35	1 26	38 14	17 20	22 20	22 32	2 45			n.a.
T 22	10 19	6 43	5 6	1 18	1 45	8 52	2 31	8 32	0 20	20 17	1 44	11 48	2 29	0 21	0 33	8 36	1 26	38 13	17 20	22 19	22 32	2 48			n.a.
W23	10 40	2 14	5 8	2 4	1 32	8 41	2 35	8 47	0 20	20 16	1 43	11 46	2 29	0 23	0 33	8 37	1 26	38 12	17 19	22 18	22 31	2 50			n.a.
T 24	11 2	2s19	4 57	2 52	1 20	8 29	2 39	9 3	0 21	20 15	1 43	11 44	2 29	0 24	0 33	8 37	1 26	38 12	17 19	22 17	22 31	2 53			n.a.
F 25	11 23	6 48	4 32	3 42	1 8	8 17	2 44	9 18	0 21	20 14	1 43	11 41	2 29	0 26	0 33	8 38	1 26	38 11	17 18	22 16	22 30	2 55			n.a.
S 26	11 43	11 3	3 56	4 33	0 55	8 4	2 47	9 33	0 22	20 13	1 42	11 39	2 29	0 27	0 33	8 39	1 26	38 10	17 18	22 15	22 30	2 58			n.a.
S 27	12 4	14 54	3 9	5 26	0 43	7 50	2 51	9 48	0 22	20 12	1 42	11 37	2 30	0 28	0 33	8 40	1 26	38 10	17 17	22 14	22 29	3 0			n.a.
M28	12 24	18 10	2 12	6 19	0 30	7 35	2 54	10 3	0 23	20 10	1 42	11 35	2 30	0 29	0 33	8 41	1 26	38 9	17 16	22 13	22 29	3 3			n.a.
T 29	12 45	20 39	1 9	7 13	0 18	7 20	2 57	10 18	0 23	20 9	1 41	11 33	2 30	0 31	0 33	8 42	1 26	38 8	17 16	22 13	22 28	3 5			n.a.
W30	13 5	22 11	0 2	8 8	0 6	7 5	3 0	10 33	0 24	20 8	1 41	11 31	2 30	0 32	0 33	8 42	1 26	38 8	17 15	22 13	22 28	3 8			n.a.
T 31	13n25	22s37	1n 7	9n 3	0n 5	6s48	3s 3	10n48	0n24	20n 6	1n41	11s30	2s31	0n33	0s33	8n43	1s26	38n 7	17n15	22s13	22s27	3s10			n.a.

Julian Day Number = 192241.5, Delta T = 32h25m48s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'23, Lahiri = -61°28'22 Julian Calendar 1 May 4187 BCE == Greg. Calendar 29 March 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

JUNE 4187 BCE (-4186) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 27 31	5♉33'20	2♉59	24♈23	20♓55	26♈55	9♌ 9	7♓ 7	2♈39	25♈19	27♋21	7♐45	9♐ 9	26♍55	n.a.	F 1
S 2	14 31 28	6°30'45	16° 8	26°22	21°43	27°33	9°13	7°13	2°42	25°21	27°22	7°46	9° 6	27° 2	n.a.	S 2
S 3	14 35 25	7°28'12	29°36	28°23	22°31	28°12	9°18	7°18	2°45	25°23	27°22	7°47	9° 3	27° 8	n.a.	S 3
M 4	14 39 21	8°25'40	13♒23	0♉25	23°21	28°50	9°22	7°23	2°48	25°25	27°23	7°R47	9° 0	27°15	n.a.	M 4
T 5	14 43 18	9°23'10	27°31	2°28	24°11	29°28	9°27	7°28	2°51	25°27	27°24	7°46	8°57	27°22	n.a.	T 5
W 6	14 47 14	10°20'42	11♓57	4°31	25° 2	0♉ 7	9°32	7°34	2°54	25°30	27°25	7°44	8°53	27°28	n.a.	W 6
T 7	14 51 11	11°18'15	26°38	6°35	25°53	0°45	9°37	7°39	2°57	25°32	27°26	7°41	8°50	27°35	n.a.	T 7
F 8	14 55 7	12°15'50	11♈28	8°39	26°45	1°23	9°42	7°43	3° 0	25°34	27°27	7°37	8°47	27°42	n.a.	F 8
S 9	14 59 4	13°13'27	26°21	10°42	27°38	2° 1	9°47	7°48	3° 3	25°36	27°28	7°34	8°44	27°49	n.a.	S 9
S 10	15 3 1	14°11'05	11♉ 7	12°45	28°31	2°40	9°53	7°53	3° 6	25°38	27°29	7°32	8°41	27°55	n.a.	S 10
M11	15 6 57	15° 8'46	25°40	14°48	29°25	3°18	9°59	7°58	3° 9	25°40	27°30	7°30	8°38	28° 2	n.a.	M11
T 12	15 10 54	16° 6'27	9♊54	16°49	0♈20	3°56	10° 4	8° 2	3°12	25°42	27°31	7°D30	8°34	28° 9	n.a.	T 12
W13	15 14 50	17° 4'11	23°43	18°50	1°15	4°34	10°10	8° 7	3°14	25°45	27°32	7°30	8°31	28°16	n.a.	W13
T 14	15 18 47	18° 1'56	7♋ 9	20°49	2°10	5°13	10°17	8°11	3°17	25°47	27°33	7°32	8°28	28°22	n.a.	T 14
F 15	15 22 43	18°59'42	20°10	22°48	3° 6	5°51	10°23	8°16	3°20	25°49	27°34	7°33	8°25	28°29	n.a.	F 15
S 16	15 26 40	19°57'30	2♌49	24°45	4° 3	6°29	10°29	8°20	3°23	25°51	27°35	7°34	8°22	28°36	n.a.	S 16
S 17	15 30 37	20°55'19	15°10	26°41	5° 0	7° 7	10°36	8°24	3°25	25°53	27°37	7°35	8°18	28°42	n.a.	S 17
M18	15 34 33	21°53'09	27°18	28°36	5°57	7°45	10°43	8°28	3°28	25°55	27°38	7°R35	8°15	28°49	n.a.	M18
T 19	15 38 30	22°51'01	9♍16	0♊29	6°55	8°24	10°49	8°32	3°31	25°57	27°39	7°34	8°12	28°56	n.a.	T 19
W20	15 42 26	23°48'55	21° 9	2°21	7°53	9° 2	10°56	8°36	3°33	25°59	27°40	7°33	8° 9	29° 3	n.a.	W20
T 21	15 46 23	24°46'50	3♎ 2	4°12	8°52	9°40	11° 4	8°40	3°36	26° 1	27°42	7°31	8° 6	29° 9	n.a.	T 21
F 22	15 50 19	25°44'47	14°57	6° 1	9°51	10°18	11°11	8°43	3°38	26° 3	27°43	7°30	8° 3	29°16	n.a.	F 22
S 23	15 54 16	26°42'46	26°59	7°49	10°51	10°56	11°18	8°47	3°41	26° 5	27°45	7°28	7°59	29°23	n.a.	S 23
S 24	15 58 12	27°40'46	9♏10	9°36	11°51	11°34	11°26	8°51	3°43	26° 7	27°46	7°27	7°56	29°29	n.a.	S 24
M25	16 2 9	28°38'49	21°32	11°22	12°51	12°13	11°33	8°54	3°46	26° 9	27°47	7°26	7°53	29°36	n.a.	M25
T 26	16 6 5	29°36'53	4♐ 5	13° 6	13°52	12°51	11°41	8°57	3°48	26°11	27°49	7°D25	7°50	29°43	n.a.	T 26
W27	16 10 2	0♊34'59	16°52	14°49	14°53	13°29	11°49	9° 1	3°50	26°13	27°50	7°26	7°47	29°50	n.a.	W27
T 28	16 13 59	1°33'08	29°52	16°30	15°54	14° 7	11°57	9° 4	3°53	26°15	27°52	7°26	7°44	29°56	n.a.	T 28
F 29	16 17 55	2°31'18	13♉ 5	18°11	16°56	14°45	12° 5	9° 7	3°55	26°17	27°53	7°26	7°40	0♎ 3	n.a.	F 29
S 30	16 21 52	3♊29'31	26♉32	19♊50	17♈58	15♉23	12♌14	9♓10	3♈57	26♈18	27♋55	7♐27	7♐37	0♎10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n45	21s51	2n14	9n58	0n16	6s31	3s 5	11n 3	0n25	20n 5	1n40	11s28	2s31	0n35	0s33	8n44	1s26	38n 6	17n14	22s13	22s27	3s13		n.a.
S 2	14 4	19 53	3 15	10 52	0 27	6 14	3 8	11 17	0 26	20 3	1 40	11 26	2 31	0 36	0 33	8 45	1 26	38 5	17 14	22 13	22 26	3 15		n.a.
S 3	14 23	16 48	4 7	11 46	0 37	5 56	3 10	11 32	0 26	20 2	1 40	11 24	2 31	0 37	0 33	8 46	1 26	38 5	17 13	22 14	22 26	3 18		n.a.
M 4	14 43	12 43	4 46	12 40	0 47	5 38	3 11	11 47	0 27	20 0	1 39	11 22	2 31	0 38	0 33	8 47	1 26	38 4	17 12	22 14	22 25	3 20		n.a.
T 5	15 1	7 52	5 8	13 32	0 55	5 19	3 13	12 1	0 27	19 59	1 39	11 20	2 32	0 40	0 33	8 47	1 26	38 3	17 12	22 13	22 25	3 23		n.a.
W 6	15 20	2 29	5 13	14 23	1 4	4 59	3 15	12 16	0 28	19 57	1 39	11 19	2 32	0 41	0 33	8 48	1 26	38 2	17 11	22 13	22 24	3 25		n.a.
T 7	15 39	3n 8	4 57	15 13	1 11	4 40	3 16	12 30	0 28	19 55	1 38	11 17	2 32	0 42	0 33	8 49	1 26	38 2	17 11	22 12	22 24	3 28		n.a.
F 8	15 57	8 38	4 21	16 1	1 18	4 19	3 17	12 44	0 29	19 54	1 38	11 15	2 32	0 43	0 33	8 50	1 26	38 1	17 10	22 12	22 23	3 30		n.a.
S 9	16 15	13 39	3 27	16 47	1 24	3 59	3 18	12 58	0 29	19 52	1 38	11 14	2 33	0 44	0 33	8 51	1 26	38 0	17 10	22 11	22 23	3 33		n.a.
S 10	16 33	17 48	2 20	17 32	1 30	3 37	3 18	13 12	0 30	19 50	1 38	11 12	2 33	0 46	0 33	8 51	1 26	37 59	17 9	22 11	22 22	3 35		n.a.
M11	16 50	20 46	1 5	18 14	1 35	3 16	3 19	13 26	0 30	19 48	1 37	11 10	2 33	0 47	0 33	8 52	1 26	37 59	17 9	22 11	22 22	3 38		n.a.
T 12	17 7	22 21	0s13	18 55	1 39	2 54	3 19	13 40	0 31	19 46	1 37	11 9	2 33	0 48	0 33	8 53	1 26	37 58	17 8	22 11	22 21	3 40		n.a.
W13	17 24	22 29	1 28	19 33	1 43	2 32	3 20	13 54	0 32	19 44	1 37	11 7	2 34	0 49	0 33	8 54	1 26	37 57	17 8	22 11	22 21	3 43		n.a.
T 14	17 41	21 19	2 36	20 9	1 45	2 9	3 20	14 8	0 32	19 42	1 36	11 6	2 34	0 50	0 33	8 54	1 26	37 56	17 7	22 11	22 20	3 45		n.a.
F 15	17 57	19 1	3 34	20 43	1 48	1 46	3 20	14 21	0 33	19 40	1 36	11 4	2 34	0 51	0 33	8 55	1 26	37 56	17 6	22 11	22 20	3 48		n.a.
S 16	18 13	15 52	4 20	21 15	1 49	1 23	3 20	14 35	0 33	19 38	1 36	11 3	2 34	0 52	0 33	8 56	1 26	37 55	17 6	22 11	22 19	3 50		n.a.
S 17	18 29	12 6	4 52	21 45	1 50	1 0	3 19	14 48	0 34	19 36	1 35	11 2	2 35	0 54	0 33	8 57	1 26	37 54	17 5	22 11	22 19	3 52		n.a.
M18	18 45	7 54	5 11	22 12	1 51	0 36	3 19	15 1	0 34	19 34	1 35	11 0	2 35	0 55	0 33	8 58	1 26	37 53	17 5	22 11	22 18	3 55		n.a.
T 19	19 0	3 28	5 16	22 38	1 51	0 12	3 18	15 15	0 35	19 31	1 35	10 59	2 35	0 56	0 33	8 58	1 26	37 52	17 4	22 11	22 18	3 57		n.a.
W20	19 15	1s 5	5 7	23 1	1 50	0n13	3 17	15 28	0 35	19 29	1 34	10 58	2 35	0 57	0 33	8 59	1 26	37 52	17 4	22 11	22 17	4 0		n.a.
T 21	19 30	5 35	4 45	23 22	1 49	0 37	3 16	15 41	0 36	19 27	1 34	10 57	2 36	0 58	0 33	9 0	1 26	37 51	17 3	22 11	22 17	4 2		n.a.
F 22	19 44	9 54	4 11	23 41	1 47	1 2	3 15	15 54	0 36	19 25	1 34	10 55	2 36	0 59	0 33	9 0	1 26	37 50	17 3	22 11	22 16	4 5		n.a.
S 23	19 58	13 52	3 26	23 57	1 45	1 27	3 14	16 7	0 37	19 22	1 34	10 54	2 36	1 0	0 33	9 1	1 26	37 49	17 2	22 10	22 16	4 7		n.a.
S 24	20 12	17 19	2 30	24 12	1 43	1 52	3 13	16 19	0 37	19 20	1 33	10 53	2 36	1 1	0 33	9 2	1 26	37 48	17 2	22 10	22 15	4 10		n.a.
M25	20 25	20 3	1 27	24 25	1 40	2 17	3 11	16 32	0 38	19 17	1 33	10 52	2 37	1 2	0 33	9 3	1 26	37 48	17 1	22 10	22 14	4 12		n.a.
T 26	20 38	21 52	0 18	24 36	1 36	2 43	3 10	16 44	0 38	19 15	1 33	10 51	2 37	1 3	0 33	9 3	1 26	37 47	17 1	22 10	22 14	4 15		n.a.
W27	20 51	22 35	0n52	24 45	1 33	3 9	3 8	16 57	0 39	19 12	1 32	10 50	2 37	1 4	0 33	9 4	1 26	37 46	17 0	22 10	22 13	4 17		n.a.
T 28	21 3	22 6	2 1	24 52	1 28	3 34	3 6	17 9	0 40	19 10	1 32	10 49	2 38	1 4	0 33	9 5	1 26	37 45	17 0	22 10	22 13	4 19		n.a.
F 29	21 15	20 23	3 5	24 58	1 24	4 0	3 5	17 21	0 40	19 7	1 32	10 48	2 38	1 5	0 33	9 5	1 26	37 44	17 0	22 10	22 12	4 22		n.a.
S 30	21n27	17s31	4n 0	25n 2	1n19	4n26	3s 3	17n33	0n41	19n 4	1n32	10s47	2s38	1n 6	0s33	9n 6	1s26	37n44	16n59	22s10	22s12	4s24		n.a.

Julian Day Number = 192272.5, Delta T = 32h25m45s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'18, Lahiri = -61°28'18 Julian Calendar 1 June 4187 BCE == Greg. Calendar 29 Apr. 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

JULY 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 25 48	4♊27'46	10♒12	21♊28	19♈ 0	16♉ 1	12♌22	9♓12	3♈59	26♈20	27♋57	7♐27	7♐34	0♎16	n.a.	S 1
M 2	16 29 45	5°26'03	24° 5	23° 4	20° 3	16°39	12°31	9°15	4° 1	26°22	27°58	7°27	7°31	0°23	n.a.	M 2
T 3	16 33 41	6°24'23	8♓ 9	24°40	21° 6	17°18	12°39	9°18	4° 3	26°24	28° 0	7°R27	7°28	0°30	n.a.	T 3
W 4	16 37 38	7°22'45	22°23	26°14	22°10	17°56	12°48	9°20	4° 5	26°26	28° 2	7°D27	7°24	0°37	n.a.	W 4
T 5	16 41 34	8°21'09	6♈45	27°47	23°13	18°34	12°57	9°23	4° 7	26°28	28° 3	7°27	7°21	0°43	n.a.	T 5
F 6	16 45 31	9°19'36	21°10	29°19	24°17	19°12	13° 6	9°25	4° 9	26°29	28° 5	7°28	7°18	0°50	n.a.	F 6
S 7	16 49 28	10°18'05	5♉36	0♋49	25°21	19°50	13°15	9°27	4°11	26°31	28° 7	7°28	7°15	0°57	n.a.	S 7
S 8	16 53 24	11°16'37	19°57	2°19	26°26	20°28	13°24	9°29	4°13	26°33	28° 9	7°28	7°12	1° 3	n.a.	S 8
M 9	16 57 21	12°15'11	4♊ 9	3°47	27°30	21° 6	13°34	9°31	4°15	26°34	28°11	7°R28	7° 9	1°10	n.a.	M 9
T 10	17 1 17	13°13'47	18° 6	5°14	28°35	21°44	13°43	9°33	4°17	26°36	28°12	7°28	7° 5	1°17	n.a.	T 10
W11	17 5 14	14°12'25	1♋46	6°39	29°41	22°22	13°53	9°35	4°19	26°38	28°14	7°28	7° 2	1°24	n.a.	W11
T 12	17 9 10	15°11'06	15° 6	8° 4	0♉46	23° 1	14° 2	9°36	4°20	26°39	28°16	7°27	6°59	1°30	n.a.	T 12
F 13	17 13 7	16° 9'48	28° 6	9°27	1°52	23°39	14°12	9°38	4°22	26°41	28°18	7°26	6°56	1°37	n.a.	F 13
S 14	17 17 3	17° 8'33	10♌46	10°48	2°58	24°17	14°22	9°39	4°23	26°43	28°20	7°25	6°53	1°44	n.a.	S 14
S 15	17 21 0	18° 7'19	23° 9	12° 9	4° 4	24°55	14°32	9°41	4°25	26°44	28°22	7°23	6°50	1°50	n.a.	S 15
M16	17 24 56	19° 6'08	5♍18	13°28	5°10	25°33	14°42	9°42	4°26	26°46	28°24	7°23	6°46	1°57	n.a.	M16
T 17	17 28 53	20° 4'58	17°16	14°45	6°17	26°11	14°52	9°43	4°28	26°47	28°26	7°D22	6°43	2° 4	n.a.	T 17
W18	17 32 50	21° 3'51	29°10	16° 1	7°23	26°49	15° 3	9°44	4°29	26°49	28°28	7°22	6°40	2°11	n.a.	W18
T 19	17 36 46	22° 2'45	11♎ 2	17°15	8°30	27°27	15°13	9°45	4°31	26°50	28°30	7°23	6°37	2°17	n.a.	T 19
F 20	17 40 43	23° 1'42	22°59	18°28	9°38	28° 5	15°23	9°46	4°32	26°51	28°32	7°24	6°34	2°24	n.a.	F 20
S 21	17 44 39	24° 0'40	5♏ 4	19°38	10°45	28°43	15°34	9°46	4°33	26°53	28°34	7°26	6°30	2°31	n.a.	S 21
S 22	17 48 36	24°59'41	17°21	20°47	11°53	29°21	15°45	9°47	4°34	26°54	28°36	7°27	6°27	2°37	n.a.	S 22
M23	17 52 32	25°58'44	29°52	21°54	13° 0	29°59	15°55	9°47	4°36	26°56	28°38	7°28	6°24	2°44	n.a.	M23
T 24	17 56 29	26°57'49	12♐41	22°59	14° 8	0♊37	16° 6	9°47	4°37	26°57	28°40	7°R28	6°21	2°51	n.a.	T 24
W25	18 0 25	27°56'56	25°48	24° 1	15°16	1°15	16°17	9°48	4°38	26°58	28°43	7°27	6°18	2°57	n.a.	W25
T 26	18 4 22	28°56'05	9♑12	25° 1	16°25	1°53	16°28	9°R48	4°39	26°59	28°45	7°25	6°15	3° 4	n.a.	T 26
F 27	18 8 18	29°55'17	22°53	25°58	17°33	2°31	16°39	9°48	4°40	27° 1	28°47	7°22	6°11	3°11	n.a.	F 27
S 28	18 12 15	0♋54'32	6♒46	26°53	18°42	3° 9	16°50	9°47	4°41	27° 2	28°49	7°19	6° 8	3°18	n.a.	S 28
S 29	18 16 11	1°53'48	20°49	27°44	19°51	3°47	17° 1	9°47	4°41	27° 3	28°51	7°15	6° 5	3°24	n.a.	S 29
M30	18 20 8	2°53'08	4♓58	28°31	21° 0	4°25	17°13	9°47	4°42	27° 4	28°54	7°13	6° 2	3°31	n.a.	M30
T 31	18 24 4	3♋52'29	19♓10	29♋16	22♉ 9	5♊ 3	17♌24	9♓46	4♈43	27♈ 5	28♋56	7♐11	5♐59	3♎38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n38	13s40	4n42	25n 4	1n14	4n52	3s 1	17n45	0n41	19n 2	1n31	10s46	2s38	1n 7	0s33	9n 7	1s26	37n43	16n59	22s10	22s11	4s27		n.a.
M 2	21 49	9 2	5 9	25 4	1 9	5 19	2 58	17 57	0 42	18 59	1 31	10 46	2 39	1 8	0 34	9 7	1 26	37 42	16 58	22 10	22 11	4 29		n.a.
T 3	21 59	3 52	5 17	25 3	1 3	5 45	2 56	18 9	0 42	18 56	1 31	10 45	2 39	1 9	0 34	9 8	1 26	37 41	16 58	22 10	22 10	4 32		n.a.
W 4	22 9	1n34	5 7	25 1	0 57	6 11	2 54	18 20	0 43	18 53	1 31	10 44	2 39	1 10	0 34	9 9	1 26	37 40	16 57	22 10	22 10	4 34		n.a.
T 5	22 19	6 58	4 37	24 57	0 51	6 38	2 51	18 32	0 43	18 50	1 30	10 44	2 40	1 10	0 34	9 9	1 26	37 40	16 57	22 10	22 9	4 36		n.a.
F 6	22 28	12 1	3 50	24 51	0 44	7 4	2 49	18 43	0 44	18 48	1 30	10 43	2 40	1 11	0 34	9 10	1 26	37 39	16 56	22 10	22 9	4 39		n.a.
S 7	22 37	16 23	2 48	24 44	0 38	7 30	2 46	18 54	0 44	18 45	1 30	10 42	2 40	1 12	0 34	9 11	1 26	37 38	16 56	22 10	22 8	4 41		n.a.
S 8	22 46	19 45	1 36	24 36	0 31	7 57	2 44	19 5	0 45	18 42	1 30	10 42	2 41	1 13	0 34	9 11	1 26	37 37	16 56	22 10	22 8	4 44		n.a.
M 9	22 54	21 52	0 18	24 27	0 24	8 23	2 41	19 16	0 45	18 39	1 29	10 41	2 41	1 13	0 34	9 12	1 26	37 36	16 55	22 10	22 7	4 46		n.a.
T 10	23 2	22 35	0s59	24 17	0 16	8 49	2 38	19 27	0 46	18 36	1 29	10 41	2 41	1 14	0 34	9 12	1 26	37 35	16 55	22 10	22 6	4 48		n.a.
W11	23 9	21 55	2 11	24 5	0 9	9 16	2 35	19 38	0 46	18 33	1 29	10 40	2 41	1 15	0 34	9 13	1 26	37 35	16 54	22 10	22 6	4 51		n.a.
T 12	23 16	20 1	3 14	23 53	0 1	9 42	2 32	19 48	0 47	18 29	1 29	10 40	2 42	1 15	0 34	9 14	1 26	37 34	16 54	22 10	22 5	4 53		n.a.
F 13	23 22	17 8	4 5	23 39	0s 7	10 8	2 29	19 58	0 47	18 26	1 28	10 40	2 42	1 16	0 34	9 14	1 26	37 33	16 54	22 10	22 5	4 56		n.a.
S 14	23 28	13 30	4 43	23 25	0 15	10 34	2 26	20 9	0 48	18 23	1 28	10 40	2 42	1 17	0 34	9 15	1 26	37 32	16 53	22 10	22 4	4 58		n.a.
S 15	23 34	9 22	5 7	23 10	0 23	11 0	2 23	20 19	0 48	18 20	1 28	10 39	2 43	1 17	0 34	9 15	1 26	37 31	16 53	22 9	22 4	5 1		n.a.
M16	23 39	4 57	5 16	22 54	0 31	11 25	2 20	20 29	0 49	18 17	1 28	10 39	2 43	1 18	0 34	9 16	1 26	37 31	16 53	22 9	22 3	5 3		n.a.
T 17	23 44	0 24	5 12	22 37	0 40	11 51	2 16	20 39	0 49	18 13	1 27	10 39	2 43	1 18	0 34	9 16	1 26	37 30	16 52	22 9	22 3	5 5		n.a.
W18	23 48	4s 8	4 54	22 20	0 48	12 16	2 13	20 48	0 50	18 10	1 27	10 39	2 43	1 19	0 34	9 17	1 26	37 29	16 52	22 9	22 2	5 8		n.a.
T 19	23 52	8 30	4 24	22 2	0 57	12 42	2 10	20 58	0 51	18 7	1 27	10 39	2 44	1 20	0 34	9 17	1 26	37 28	16 52	22 9	22 1	5 10		n.a.
F 20	23 55	12 36	3 42	21 43	1 5	13 7	2 6	21 7	0 51	18 3	1 27	10 39	2 44	1 20	0 34	9 18	1 26	37 27	16 51	22 10	22 1	5 12		n.a.
S 21	23 58	16 14	2 50	21 25	1 14	13 32	2 3	21 16	0 52	18 0	1 27	10 39	2 44	1 21	0 34	9 18	1 27	37 27	16 51	22 10	22 0	5 15		n.a.
S 22	24 1	19 13	1 49	21 6	1 23	13 56	1 59	21 26	0 52	17 56	1 26	10 39	2 45	1 21	0 34	9 19	1 27	37 26	16 51	22 10	22 0	5 17		n.a.
M23	24 3	21 22	0 42	20 46	1 32	14 21	1 56	21 34	0 53	17 53	1 26	10 39	2 45	1 21	0 34	9 19	1 27	37 25	16 50	22 10	21 59	5 20		n.a.
T 24	24 5	22 29	0n29	20 27	1 40	14 45	1 52	21 43	0 53	17 49	1 26	10 39	2 45	1 22	0 34	9 20	1 27	37 24	16 50	22 10	21 59	5 22		n.a.
W25	24 6	22 23	1 39	20 7	1 49	15 9	1 49	21 52	0 54	17 46	1 26	10 39	2 46	1 22	0 34	9 20	1 27	37 24	16 50	22 10	21 58	5 24		n.a.
T 26	24 6	21 1	2 46	19 48	1 58	15 32	1 45	22 0	0 54	17 42	1 26	10 40	2 46	1 23	0 34	9 21	1 27	37 23	16 50	22 10	21 58	5 27		n.a.
F 27	24 7	18 26	3 44	19 29	2 6	15 56	1 41	22 9	0 55	17 38	1 25	10 40	2 46	1 23	0 34	9 21	1 27	37 22	16 49	22 9	21 57	5 29		n.a.
S 28	24 7	14 45	4 31	19 10	2 15	16 19	1 38	22 17	0 55	17 35	1 25	10 40	2 46	1 23	0 34	9 21	1 27	37 21	16 49	22 9	21 56	5 32		n.a.
S 29	24 6	10 13	5 1	18 52	2 23	16 42	1 34	22 25	0 56	17 31	1 25	10 41	2 47	1 24	0 34	9 22	1 27	37 20	16 49	22 8	21 56	5 34		n.a.
M30	24 5	5 7	5 13	18 34	2 31	17 4	1 30	22 33	0 56	17 27	1 25	10 41	2 47	1 24	0 34	9 22	1 27	37 20	16 49	22 8	21 55	5 36		n.a.
T 31	24n 3	0n17	5n 7	18n17	2s39	17n26	1s26	22n40	0n57	17n24	1n25	10s41	2s47	1n24	0s34	9n23	1s27	37n19	16n48	22s 7	21s55	5s39		n.a.

Julian Day Number = 192302.5, Delta T = 32h25m42s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'14, Lahiri = -61°28'14 Julian Calendar 1 July 4187 BCE == Greg. Calendar 29 May 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

AUGUST 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 28 1	4♋51'54	3♈23	29♋56	23♉19	5♊42	17♌36	9°R46	4♈44	27♈ 6	28♋58	7°D10	5♐56	3♎44	n.a.	W 1
T 2	18 31 58	5°51'20	17°33	0♌31	24°28	6°20	17°47	9♓45	4°44	27° 7	29° 0	7♐10	5°52	3°51	n.a.	T 2
F 3	18 35 54	6°50'50	1♉39	1° 2	25°38	6°58	17°59	9°44	4°45	27° 8	29° 3	7°11	5°49	3°58	n.a.	F 3
S 4	18 39 51	7°50'22	15°39	1°28	26°48	7°36	18°11	9°43	4°45	27° 9	29° 5	7°13	5°46	4° 5	n.a.	S 4
S 5	18 43 47	8°49'57	29°32	1°48	27°58	8°14	18°22	9°42	4°46	27°10	29° 7	7°14	5°43	4°11	n.a.	S 5
M 6	18 47 44	9°49'35	13♊16	2° 2	29° 8	8°52	18°34	9°41	4°46	27°11	29°10	7°R14	5°40	4°18	n.a.	M 6
T 7	18 51 40	10°49'14	26°50	2°10	0♊18	9°30	18°46	9°40	4°47	27°12	29°12	7°13	5°36	4°25	n.a.	T 7
W 8	18 55 37	11°48'57	10♋10	2°R11	1°29	10° 8	18°58	9°38	4°47	27°13	29°14	7° 9	5°33	4°31	n.a.	W 8
T 9	18 59 33	12°48'41	23°16	2° 4	2°39	10°46	19°10	9°37	4°47	27°14	29°17	7° 4	5°30	4°38	n.a.	T 9
F 10	19 3 30	13°48'27	6♌ 7	1°49	3°50	11°24	19°22	9°35	4°47	27°15	29°19	6°58	5°27	4°45	n.a.	F 10
S 11	19 7 26	14°48'16	18°42	1°26	5° 1	12° 2	19°34	9°33	4°48	27°16	29°21	6°51	5°24	4°52	n.a.	S 11
S 12	19 11 23	15°48'07	1♍ 3	0°54	6°12	12°40	19°47	9°32	4°48	27°16	29°24	6°45	5°21	4°58	n.a.	S 12
M13	19 15 19	16°48'00	13°10	0°14	7°23	13°18	19°59	9°30	4°R48	27°17	29°26	6°39	5°17	5° 5	n.a.	M13
T 14	19 19 16	17°47'54	25° 8	29♋26	8°34	13°56	20°11	9°28	4°48	27°18	29°28	6°34	5°14	5°12	n.a.	T 14
W15	19 23 12	18°47'51	7♎ 0	28°30	9°45	14°34	20°24	9°25	4°48	27°18	29°31	6°32	5°11	5°18	n.a.	W15
T 16	19 27 9	19°47'49	18°51	27°27	10°57	15°12	20°36	9°23	4°47	27°19	29°33	6°D31	5° 8	5°25	n.a.	T 16
F 17	19 31 6	20°47'50	0♏46	26°19	12° 8	15°50	20°49	9°21	4°47	27°20	29°36	6°31	5° 5	5°32	n.a.	F 17
S 18	19 35 2	21°47'53	12°50	25° 6	13°20	16°28	21° 1	9°18	4°47	27°20	29°38	6°33	5° 2	5°38	n.a.	S 18
S 19	19 38 59	22°47'57	25° 7	23°51	14°32	17° 6	21°14	9°16	4°47	27°21	29°40	6°34	4°58	5°45	n.a.	S 19
M20	19 42 55	23°48'03	7♐43	22°36	15°44	17°44	21°26	9°13	4°46	27°21	29°43	6°R34	4°55	5°52	n.a.	M20
T 21	19 46 52	24°48'12	20°41	21°23	16°56	18°22	21°39	9°10	4°46	27°21	29°45	6°33	4°52	5°59	n.a.	T 21
W22	19 50 48	25°48'22	4♑ 3	20°15	18° 8	19° 0	21°52	9° 8	4°46	27°22	29°48	6°30	4°49	6° 5	n.a.	W22
T 23	19 54 45	26°48'34	17°47	19°12	19°20	19°38	22° 5	9° 5	4°45	27°22	29°50	6°25	4°46	6°12	n.a.	T 23
F 24	19 58 41	27°48'48	1♒53	18°18	20°32	20°16	22°17	9° 2	4°45	27°23	29°52	6°18	4°42	6°19	n.a.	F 24
S 25	20 2 38	28°49'05	16°16	17°34	21°45	20°54	22°30	8°58	4°44	27°23	29°55	6° 9	4°39	6°25	n.a.	S 25
S 26	20 6 34	29°49'23	0♓48	17° 0	22°57	21°32	22°43	8°55	4°43	27°23	29°57	6° 0	4°36	6°32	n.a.	S 26
M27	20 10 31	0♌49'43	15°23	16°38	24°10	22°10	22°56	8°52	4°43	27°23	29°59	5°52	4°33	6°39	n.a.	M27
T 28	20 14 27	1°50'06	29°56	16°D27	25°23	22°48	23° 9	8°48	4°42	27°24	0♌ 2	5°46	4°30	6°46	n.a.	T 28
W29	20 18 24	2°50'31	14♈19	16°28	26°35	23°26	23°22	8°45	4°41	27°24	0° 5	5°43	4°27	6°52	n.a.	W29
T 30	20 22 20	3°50'58	28°31	16°39	27°48	24° 4	23°35	8°41	4°40	27°24	0° 7	5°D41	4°23	6°59	n.a.	T 30
F 31	20 26 17	4♌51'28	12♉29	17♋ 2	29♊ 1	24♊42	23♌49	8♓38	4♈39	27♈24	0♌ 9	5♐41	4♐20	7♎ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	24n 1	5n40	4n42	18n 1	2s47	17n48	1s23	22n48	0n57	17n20	1n24	10s42	2s48	1n25	0s34	9n23	1s27	37n18	16n48	22s 7	21s54	5s41			n.a.
T 2	23 59	10 44	3 59	17 46	2 55	18 9	1 19	22 55	0 58	17 16	1 24	10 42	2 48	1 25	0 34	9 23	1 27	37 17	16 48	22 7	21 54	5 43			n.a.
F 3	23 56	15 13	3 3	17 32	3 2	18 30	1 15	23 3	0 58	17 12	1 24	10 43	2 48	1 25	0 34	9 24	1 27	37 17	16 48	22 7	21 53	5 46			n.a.
S 4	23 52	18 49	1 55	17 20	3 8	18 50	1 11	23 10	0 59	17 8	1 24	10 44	2 48	1 25	0 34	9 24	1 27	37 16	16 47	22 8	21 52	5 48			n.a.
S 5	23 48	21 18	0 42	17 10	3 14	19 10	1 8	23 16	0 59	17 4	1 24	10 44	2 49	1 25	0 34	9 24	1 27	37 15	16 47	22 8	21 52	5 50			n.a.
M 6	23 44	22 29	0s33	17 2	3 19	19 30	1 4	23 23	1 0	17 0	1 24	10 45	2 49	1 26	0 34	9 25	1 27	37 14	16 47	22 8	21 51	5 53			n.a.
T 7	23 39	22 20	1 45	16 56	3 24	19 49	1 0	23 30	1 0	16 56	1 23	10 46	2 49	1 26	0 34	9 25	1 27	37 14	16 47	22 8	21 51	5 55			n.a.
W 8	23 34	20 53	2 50	16 52	3 27	20 7	0 56	23 36	1 1	16 52	1 23	10 47	2 50	1 26	0 34	9 25	1 27	37 13	16 47	22 7	21 50	5 58			n.a.
T 9	23 28	18 21	3 45	16 51	3 30	20 25	0 52	23 42	1 2	16 48	1 23	10 47	2 50	1 26	0 34	9 26	1 27	37 12	16 47	22 6	21 50	6 0			n.a.
F 10	23 22	14 58	4 27	16 54	3 31	20 43	0 49	23 48	1 2	16 44	1 23	10 48	2 50	1 26	0 34	9 26	1 27	37 12	16 46	22 5	21 49	6 2			n.a.
S 11	23 16	10 59	4 55	16 59	3 31	21 0	0 45	23 54	1 3	16 40	1 23	10 49	2 50	1 26	0 34	9 26	1 27	37 11	16 46	22 4	21 48	6 5			n.a.
S 12	23 9	6 37	5 8	17 7	3 29	21 17	0 41	24 0	1 3	16 36	1 23	10 50	2 51	1 26	0 34	9 26	1 27	37 10	16 46	22 3	21 48	6 7			n.a.
M13	23 1	2 4	5 8	17 19	3 26	21 33	0 37	24 5	1 4	16 32	1 22	10 51	2 51	1 26	0 34	9 27	1 27	37 9	16 46	22 2	21 47	6 9			n.a.
T 14	22 53	2s29	4 54	17 35	3 20	21 48	0 34	24 11	1 4	16 28	1 22	10 52	2 51	1 26	0 34	9 27	1 27	37 9	16 46	22 1	21 47	6 12			n.a.
W15	22 45	6 56	4 27	17 54	3 13	22 3	0 30	24 16	1 5	16 24	1 22	10 53	2 51	1 26	0 34	9 27	1 27	37 8	16 46	22 1	21 46	6 14			n.a.
T 16	22 36	11 6	3 49	18 16	3 4	22 17	0 26	24 21	1 5	16 19	1 22	10 54	2 52	1 26	0 34	9 27	1 27	37 7	16 46	22 0	21 45	6 16			n.a.
F 17	22 27	14 53	3 1	18 40	2 52	22 31	0 22	24 25	1 6	16 15	1 22	10 56	2 52	1 26	0 34	9 27	1 27	37 7	16 46	22 0	21 45	6 19			n.a.
S 18	22 17	18 6	2 5	19 7	2 39	22 44	0 19	24 30	1 6	16 11	1 22	10 57	2 52	1 26	0 34	9 27	1 27	37 6	16 46	22 1	21 44	6 21			n.a.
S 19	22 7	20 35	1 2	19 36	2 23	22 56	0 15	24 35	1 7	16 6	1 22	10 58	2 52	1 26	0 35	9 28	1 28	37 5	16 46	22 1	21 44	6 23			n.a.
M20	21 57	22 7	0n 6	20 5	2 6	23 8	0 12	24 39	1 7	16 2	1 21	10 59	2 53	1 25	0 35	9 28	1 28	37 5	16 45	22 1	21 43	6 26			n.a.
T 21	21 46	22 31	1 15	20 35	1 48	23 19	0 8	24 43	1 8	15 58	1 21	11 1	2 53	1 25	0 35	9 28	1 28	37 4	16 45	22 1	21 42	6 28			n.a.
W22	21 35	21 41	2 22	21 5	1 28	23 30	0 4	24 47	1 8	15 53	1 21	11 2	2 53	1 25	0 35	9 28	1 28	37 4	16 45	22 0	21 42	6 30			n.a.
T 23	21 23	19 32	3 23	21 34	1 8	23 39	0 1	24 50	1 9	15 49	1 21	11 3	2 53	1 25	0 35	9 28	1 28	37 3	16 45	21 59	21 41	6 32			n.a.
F 24	21 11	16 12	4 13	22 1	0 48	23 48	0n 3	24 54	1 9	15 45	1 21	11 5	2 54	1 25	0 35	9 28	1 28	37 2	16 45	21 58	21 41	6 35			n.a.
S 25	20 58	11 50	4 48	22 27	0 29	23 57	0 6	24 57	1 10	15 40	1 21	11 6	2 54	1 24	0 35	9 28	1 28	37 2	16 45	21 57	21 40	6 37			n.a.
S 26	20 45	6 46	5 4	22 51	0 9	24 5	0 9	25 0	1 10	15 36	1 21	11 8	2 54	1 24	0 35	9 28	1 28	37 1	16 45	21 55	21 40	6 39			n.a.
M27	20 32	1 18	5 1	23 11	0n 9	24 12	0 13	25 3	1 11	15 31	1 21	11 9	2 54	1 24	0 35	9 28	1 28	37 1	16 45	21 54	21 39	6 42			n.a.
T 28	20 18	4n13	4 39	23 30	0 26	24 18	0 16	25 6	1 11	15 27	1 21	11 11	2 54	1 23	0 35	9 28	1 28	37 0	16 45	21 52	21 38	6 44			n.a.
W29	20 4	9 27	3 59	23 45	0 42	24 23	0 19	25 9	1 12	15 22	1 20	11 12	2 55	1 23	0 35	9 28	1 28	36 59	16 45	21 52	21 38	6 46			n.a.
T 30	19 50	14 7	3 5	23 58	0 56	24 28	0 22	25 11	1 12	15 18	1 20	11 14	2 55	1 23	0 35	9 28	1 28	36 59	16 45	21 52	21 37	6 49			n.a.
F 31	19n35	17n56	2n 1	24n 8	1n 9	24n32	0n26	25n13	1n13	15n13	1n20	11s15	2s55	1n22	0s35	9n28	1s28	36n58	16n45	21s52	21s37	6s51			n.a.

Julian Day Number = 192333.5, Delta T = 32h25m38s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'10, Lahiri = -61°28'10 Julian Calendar 1 Aug. 4187 BCE == Greg. Calendar 29 June 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

SEPTEMBER 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 30 14	5♌51'59	26♉13	17♋33	0♋15	25♊20	24♌ 2	8°R34	4°R38	27♈24	0♌12	5♐42	4♐17	7♎12	n.a.	S 1
S 2	20 34 10	6°52'33	9♊45	18°14	1°28	25°58	24°15	8♓30	4♈37	27°R24	0°14	5°R42	4°14	7°19	n.a.	S 2
M 3	20 38 7	7°53'10	23° 5	19° 3	2°41	26°36	24°28	8°26	4°36	27°24	0°17	5°40	4°11	7°26	n.a.	M 3
T 4	20 42 3	8°53'48	6♋14	19°58	3°54	27°14	24°41	8°22	4°35	27°24	0°19	5°37	4° 7	7°32	n.a.	T 4
W 5	20 46 0	9°54'28	19°12	21° 0	5° 8	27°52	24°55	8°18	4°34	27°24	0°22	5°30	4° 4	7°39	n.a.	W 5
T 6	20 49 56	10°55'10	1♌59	22° 8	6°21	28°30	25° 8	8°14	4°33	27°24	0°24	5°20	4° 1	7°46	n.a.	T 6
F 7	20 53 53	11°55'53	14°35	23°20	7°35	29° 8	25°21	8°10	4°32	27°24	0°26	5° 8	3°58	7°53	n.a.	F 7
S 8	20 57 49	12°56'39	26°59	24°36	8°49	29°46	25°35	8° 6	4°30	27°24	0°29	4°55	3°55	7°59	n.a.	S 8
S 9	21 1 46	13°57'26	9♍12	25°55	10° 2	0♋23	25°48	8° 1	4°29	27°23	0°31	4°42	3°52	8° 6	n.a.	S 9
M10	21 5 42	14°58'14	21°16	27°18	11°16	1° 1	26° 1	7°57	4°28	27°23	0°33	4°30	3°48	8°13	n.a.	M10
T 11	21 9 39	15°59'04	3♎11	28°43	12°30	1°39	26°15	7°52	4°26	27°23	0°36	4°20	3°45	8°19	n.a.	T 11
W12	21 13 35	16°59'56	15° 1	0♌10	13°44	2°17	26°28	7°48	4°25	27°23	0°38	4°13	3°42	8°26	n.a.	W12
T 13	21 17 32	18° 0'49	26°50	1°38	14°58	2°55	26°42	7°43	4°23	27°22	0°41	4° 8	3°39	8°33	n.a.	T 13
F 14	21 21 29	19° 1'43	8♏41	3° 8	16°12	3°33	26°55	7°39	4°22	27°22	0°43	4° 6	3°36	8°39	n.a.	F 14
S 15	21 25 25	20° 2'38	20°41	4°39	17°26	4°11	27° 9	7°34	4°20	27°21	0°45	4°D 6	3°33	8°46	n.a.	S 15
S 16	21 29 22	21° 3'35	2♐55	6°11	18°40	4°49	27°22	7°29	4°18	27°21	0°48	4°R 6	3°29	8°53	n.a.	S 16
M17	21 33 18	22° 4'33	15°28	7°44	19°55	5°27	27°36	7°25	4°17	27°20	0°50	4° 6	3°26	9° 0	n.a.	M17
T 18	21 37 15	23° 5'32	28°25	9°17	21° 9	6° 5	27°49	7°20	4°15	27°20	0°52	4° 4	3°23	9° 6	n.a.	T 18
W19	21 41 11	24° 6'32	11♑49	10°51	22°23	6°43	28° 3	7°15	4°13	27°19	0°54	3°59	3°20	9°13	n.a.	W19
T 20	21 45 8	25° 7'33	25°43	12°25	23°38	7°20	28°16	7°10	4°12	27°19	0°57	3°52	3°17	9°20	n.a.	T 20
F 21	21 49 4	26° 8'36	10♒ 3	14° 0	24°52	7°58	28°30	7° 5	4°10	27°18	0°59	3°42	3°13	9°26	n.a.	F 21
S 22	21 53 1	27° 9'39	24°46	15°34	26° 7	8°36	28°43	7° 0	4° 8	27°18	1° 1	3°30	3°10	9°33	n.a.	S 22
S 23	21 56 58	28°10'44	9♓44	17° 9	27°21	9°14	28°57	6°55	4° 6	27°17	1° 3	3°18	3° 7	9°40	n.a.	S 23
M24	22 0 54	29°11'50	24°46	18°44	28°36	9°52	29°11	6°50	4° 4	27°16	1° 6	3° 7	3° 4	9°46	n.a.	M24
T 25	22 4 51	0♍12'57	9♈44	20°19	29°51	10°30	29°24	6°45	4° 2	27°15	1° 8	2°58	3° 1	9°53	n.a.	T 25
W26	22 8 47	1°14'06	24°29	21°54	1♌ 5	11° 7	29°38	6°40	4° 0	27°15	1°10	2°52	2°58	10° 0	n.a.	W26
T 27	22 12 44	2°15'16	8♉55	23°28	2°20	11°45	29°51	6°35	3°58	27°14	1°12	2°48	2°54	10° 7	n.a.	T 27
F 28	22 16 40	3°16'27	23° 0	25° 3	3°35	12°23	0♍ 5	6°30	3°56	27°13	1°14	2°47	2°51	10°13	n.a.	F 28
S 29	22 20 37	4°17'40	6♊43	26°38	4°50	13° 1	0°18	6°25	3°54	27°12	1°16	2°47	2°48	10°20	n.a.	S 29
S 30	22 24 33	5♍18'54	20♊ 7	28♌13	6♌ 4	13♋39	0♍32	6♓20	3♈51	27♈11	1♌19	2♐47	2♐45	10♎27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n20	20n40	0n50	24n15	1n21	24n35	0n29	25n15	1n13	15n 8	1n20	11s17	2s55	1n22	0s35	9n28	1s28	36n58	16n45	21s52	21s36	6s53		n.a.
S 2	19 4	22 11	0s22	24 20	1 31	24 38	0 32	25 17	1 14	15 4	1 20	11 19	2 55	1 21	0 35	9 28	1 28	36 57	16 46	21 52	21 35	6 55		n.a.
M 3	18 49	22 24	1 31	24 21	1 39	24 40	0 35	25 19	1 15	14 59	1 20	11 20	2 56	1 21	0 35	9 28	1 28	36 57	16 46	21 51	21 35	6 58		n.a.
T 4	18 32	21 23	2 35	24 20	1 47	24 41	0 38	25 20	1 15	14 55	1 20	11 22	2 56	1 21	0 35	9 28	1 28	36 56	16 46	21 51	21 34	7 0		n.a.
W 5	18 16	19 14	3 30	24 17	1 53	24 41	0 40	25 21	1 16	14 50	1 20	11 24	2 56	1 20	0 35	9 28	1 28	36 56	16 46	21 49	21 33	7 2		n.a.
T 6	17 59	16 10	4 13	24 10	1 58	24 41	0 43	25 22	1 16	14 45	1 20	11 25	2 56	1 20	0 35	9 28	1 28	36 55	16 46	21 48	21 33	7 5		n.a.
F 7	17 42	12 25	4 43	24 2	2 2	24 39	0 46	25 23	1 17	14 40	1 20	11 27	2 56	1 19	0 35	9 28	1 28	36 55	16 46	21 46	21 32	7 7		n.a.
S 8	17 24	8 12	4 59	23 51	2 4	24 37	0 49	25 24	1 17	14 36	1 19	11 29	2 56	1 19	0 35	9 28	1 28	36 54	16 46	21 43	21 32	7 9		n.a.
S 9	17 6	3 43	5 1	23 38	2 6	24 35	0 51	25 24	1 18	14 31	1 19	11 31	2 57	1 18	0 35	9 28	1 28	36 54	16 46	21 41	21 31	7 11		n.a.
M10	16 48	0s51	4 49	23 22	2 7	24 31	0 54	25 25	1 18	14 26	1 19	11 33	2 57	1 17	0 35	9 28	1 28	36 53	16 46	21 38	21 30	7 14		n.a.
T 11	16 29	5 20	4 25	23 5	2 8	24 27	0 56	25 25	1 19	14 21	1 19	11 34	2 57	1 17	0 35	9 28	1 28	36 53	16 47	21 37	21 30	7 16		n.a.
W12	16 11	9 35	3 49	22 45	2 7	24 22	0 59	25 25	1 19	14 17	1 19	11 36	2 57	1 16	0 35	9 27	1 28	36 52	16 47	21 35	21 29	7 18		n.a.
T 13	15 52	13 28	3 4	22 24	2 6	24 16	1 1	25 25	1 20	14 12	1 19	11 38	2 57	1 16	0 35	9 27	1 28	36 52	16 47	21 34	21 29	7 20		n.a.
F 14	15 32	16 51	2 11	22 1	2 5	24 9	1 4	25 24	1 20	14 7	1 19	11 40	2 57	1 15	0 35	9 27	1 29	36 52	16 47	21 34	21 28	7 23		n.a.
S 15	15 13	19 34	1 11	21 37	2 2	24 2	1 6	25 24	1 21	14 2	1 19	11 42	2 57	1 14	0 35	9 27	1 29	36 51	16 47	21 34	21 27	7 25		n.a.
S 16	14 53	21 26	0 6	21 11	2 0	23 54	1 8	25 23	1 21	13 57	1 19	11 44	2 57	1 14	0 35	9 27	1 29	36 51	16 47	21 34	21 27	7 27		n.a.
M17	14 32	22 18	1n 0	20 44	1 57	23 45	1 10	25 22	1 22	13 53	1 19	11 46	2 57	1 13	0 35	9 27	1 29	36 50	16 48	21 34	21 26	7 29		n.a.
T 18	14 12	22 1	2 5	20 15	1 53	23 35	1 12	25 20	1 22	13 48	1 19	11 48	2 57	1 12	0 35	9 26	1 29	36 50	16 48	21 33	21 25	7 32		n.a.
W19	13 51	20 30	3 5	19 45	1 49	23 25	1 14	25 19	1 23	13 43	1 19	11 49	2 58	1 11	0 35	9 26	1 29	36 50	16 48	21 32	21 25	7 34		n.a.
T 20	13 30	17 43	3 57	19 14	1 45	23 14	1 16	25 18	1 23	13 38	1 19	11 51	2 58	1 11	0 35	9 26	1 29	36 49	16 48	21 31	21 24	7 36		n.a.
F 21	13 9	13 48	4 35	18 42	1 41	23 2	1 18	25 16	1 24	13 33	1 19	11 53	2 58	1 10	0 35	9 26	1 29	36 49	16 48	21 29	21 24	7 38		n.a.
S 22	12 48	8 59	4 57	18 8	1 36	22 49	1 20	25 14	1 24	13 28	1 19	11 55	2 58	1 9	0 35	9 25	1 29	36 49	16 49	21 27	21 23	7 41		n.a.
S 23	12 26	3 33	4 58	17 34	1 31	22 36	1 21	25 12	1 25	13 23	1 19	11 57	2 58	1 8	0 35	9 25	1 29	36 48	16 49	21 24	21 22	7 43		n.a.
M24	12 5	2n 7	4 39	16 59	1 26	22 22	1 23	25 9	1 25	13 18	1 19	11 59	2 58	1 8	0 35	9 25	1 29	36 48	16 49	21 22	21 22	7 45		n.a.
T 25	11 42	7 38	4 1	16 23	1 20	22 8	1 24	25 7	1 26	13 13	1 19	12 1	2 58	1 7	0 35	9 24	1 29	36 48	16 49	21 20	21 21	7 47		n.a.
W26	11 20	12 38	3 7	15 47	1 15	21 52	1 26	25 4	1 27	13 8	1 18	12 3	2 58	1 6	0 35	9 24	1 29	36 47	16 50	21 19	21 20	7 50		n.a.
T 27	10 58	16 48	2 3	15 9	1 9	21 36	1 27	25 1	1 27	13 4	1 18	12 5	2 58	1 5	0 35	9 24	1 29	36 47	16 50	21 19	21 20	7 52		n.a.
F 28	10 35	19 52	0 52	14 31	1 3	21 20	1 28	24 58	1 28	12 59	1 18	12 7	2 58	1 4	0 35	9 23	1 29	36 47	16 50	21 18	21 19	7 54		n.a.
S 29	10 12	21 42	0s21	13 53	0 57	21 2	1 30	24 55	1 28	12 54	1 18	12 9	2 58	1 3	0 35	9 23	1 29	36 47	16 51	21 18	21 19	7 56		n.a.
S 30	9n49	22n14	1s30	13n14	0n51	20n45	1n31	24n52	1n29	12n49	1n18	12s11	2s58	1n 2	0s35	9n23	1s29	36n46	16n51	21s18	21s18	7s59		n.a.

Julian Day Number = 192364.5, Delta T = 32h25m35s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'06, Lahiri = -61°28'06 Julian Calendar 1 Sept. 4187 BCE == Greg. Calendar 30 July 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

OCTOBER 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 28 30	6♍20'09	3♋13	29♌47	7♌19	14♋17	0♍45	6°R15	3°R49	27°R10	1♌21	2°R45	2♐42	10♎33	n.a.	M 1
T 2	22 32 27	7°21'26	16° 5	1♍22	8°34	14°54	0°59	6♓10	3♈47	27♈ 9	1°23	2♐40	2°39	10°40	n.a.	T 2
W 3	22 36 23	8°22'43	28°44	2°56	9°49	15°32	1°12	6° 5	3°45	27° 8	1°25	2°32	2°35	10°47	n.a.	W 3
T 4	22 40 20	9°24'02	11♌13	4°31	11° 4	16°10	1°26	6° 0	3°43	27° 7	1°27	2°21	2°32	10°53	n.a.	T 4
F 5	22 44 16	10°25'21	23°32	6° 5	12°19	16°48	1°40	5°55	3°40	27° 6	1°29	2° 8	2°29	11° 0	n.a.	F 5
S 6	22 48 13	11°26'42	5♍44	7°40	13°34	17°25	1°53	5°50	3°38	27° 5	1°31	1°53	2°26	11° 7	n.a.	S 6
S 7	22 52 9	12°28'02	17°48	9°14	14°49	18° 3	2° 6	5°45	3°36	27° 4	1°33	1°39	2°23	11°13	n.a.	S 7
M 8	22 56 6	13°29'24	29°45	10°49	16° 4	18°41	2°20	5°40	3°33	27° 3	1°35	1°25	2°19	11°20	n.a.	M 8
T 9	23 0 2	14°30'46	11♎37	12°23	17°19	19°18	2°33	5°35	3°31	27° 2	1°37	1°13	2°16	11°27	n.a.	T 9
W10	23 3 59	15°32'08	23°25	13°58	18°35	19°56	2°47	5°30	3°28	27° 1	1°39	1° 4	2°13	11°34	n.a.	W10
T 11	23 7 56	16°33'31	5♏13	15°32	19°50	20°34	3° 0	5°25	3°26	27° 0	1°40	0°58	2°10	11°40	n.a.	T 11
F 12	23 11 52	17°34'55	17° 4	17° 7	21° 5	21°11	3°14	5°20	3°24	26°58	1°42	0°55	2° 7	11°47	n.a.	F 12
S 13	23 15 49	18°36'18	29° 2	18°42	22°20	21°49	3°27	5°16	3°21	26°57	1°44	0°D55	2° 4	11°54	n.a.	S 13
S 14	23 19 45	19°37'42	11♐12	20°17	23°35	22°27	3°40	5°11	3°19	26°56	1°46	0°55	2° 0	12° 0	n.a.	S 14
M15	23 23 42	20°39'05	23°39	21°52	24°51	23° 4	3°54	5° 6	3°16	26°55	1°48	0°R55	1°57	12° 7	n.a.	M15
T 16	23 27 38	21°40'29	6♑30	23°27	26° 6	23°42	4° 7	5° 1	3°14	26°53	1°50	0°54	1°54	12°14	n.a.	T 16
W17	23 31 35	22°41'53	19°48	25° 2	27°21	24°19	4°20	4°57	3°11	26°52	1°51	0°51	1°51	12°20	n.a.	W17
T 18	23 35 32	23°43'17	3♒35	26°37	28°36	24°57	4°33	4°52	3° 9	26°51	1°53	0°45	1°48	12°27	n.a.	T 18
F 19	23 39 28	24°44'40	17°54	28°13	29°51	25°34	4°47	4°47	3° 6	26°49	1°55	0°37	1°44	12°34	n.a.	F 19
S 20	23 43 25	25°46'04	2♓39	29°49	1♍ 7	26°12	5° 0	4°43	3° 3	26°48	1°56	0°27	1°41	12°40	n.a.	S 20
S 21	23 47 21	26°47'27	17°46	1♎24	2°22	26°49	5°13	4°38	3° 1	26°47	1°58	0°17	1°38	12°47	n.a.	S 21
M22	23 51 18	27°48'51	3♈ 3	3° 1	3°37	27°27	5°26	4°34	2°58	26°45	2° 0	0° 7	1°35	12°54	n.a.	M22
T 23	23 55 14	28°50'14	18°20	4°37	4°52	28° 4	5°39	4°30	2°56	26°44	2° 1	29♏59	1°32	13° 1	n.a.	T 23
W24	23 59 11	29°51'38	3♉26	6°14	6° 8	28°42	5°52	4°25	2°53	26°42	2° 3	29°54	1°29	13° 7	n.a.	W24
T 25	0 3 8	0♎53'01	18°12	7°50	7°23	29°19	6° 5	4°21	2°51	26°41	2° 4	29°52	1°25	13°14	n.a.	T 25
F 26	0 7 4	1°54'25	2♊33	9°27	8°38	29°57	6°18	4°17	2°48	26°39	2° 6	29°D51	1°22	13°21	n.a.	F 26
S 27	0 11 1	2°55'49	16°28	11° 4	9°54	0♌34	6°31	4°13	2°45	26°38	2° 7	29°52	1°19	13°27	n.a.	S 27
S 28	0 14 57	3°57'14	29°57	12°42	11° 9	1°11	6°44	4° 9	2°43	26°36	2° 8	29°R52	1°16	13°34	n.a.	S 28
M29	0 18 54	4°58'38	13♋ 2	14°19	12°24	1°49	6°56	4° 5	2°40	26°35	2°10	29°52	1°13	13°41	n.a.	M29
T 30	0 22 50	6° 0'02	25°49	15°57	13°40	2°26	7° 9	4° 1	2°38	26°33	2°11	29°50	1°10	13°47	n.a.	T 30
W31	0 26 47	7♎ 1'26	8♌19	17♎34	14♍55	3♌ 3	7♍22	3♓57	2♈35	26♈31	2♌13	29♏45	1♐ 6	13♎54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	9n26	21n31	2s33	12n34	0n45	20n26	1n32	24n48	1n29	12n44	1n18	12s13	2s58	1n 1	0s35	9n22	1s29	36n46	16n51	21s18	21s17	8s 1			n.a.
T 2	9 3	19 41	3 27	11 54	0 39	20 7	1 33	24 44	1 30	12 39	1 18	12 15	2 58	1 1	0 35	9 22	1 29	36 46	16 52	21 17	21 17	8 3			n.a.
W 3	8 39	16 55	4 10	11 13	0 32	19 47	1 34	24 40	1 30	12 34	1 18	12 16	2 58	1 0	0 35	9 22	1 29	36 46	16 52	21 15	21 16	8 5			n.a.
T 4	8 16	13 25	4 40	10 32	0 26	19 27	1 34	24 36	1 31	12 29	1 18	12 18	2 58	0 59	0 35	9 21	1 29	36 46	16 52	21 13	21 15	8 7			n.a.
F 5	7 52	9 24	4 57	9 50	0 20	19 6	1 35	24 32	1 31	12 24	1 18	12 20	2 58	0 58	0 35	9 21	1 29	36 45	16 53	21 10	21 15	8 10			n.a.
S 6	7 28	5 3	4 59	9 8	0 13	18 45	1 36	24 28	1 32	12 19	1 18	12 22	2 58	0 57	0 35	9 20	1 29	36 45	16 53	21 7	21 14	8 12			n.a.
S 7	7 4	0 33	4 48	8 26	0 7	18 23	1 36	24 23	1 32	12 14	1 18	12 24	2 58	0 56	0 35	9 20	1 29	36 45	16 53	21 4	21 13	8 14			n.a.
M 8	6 40	3s55	4 25	7 44	0 1	18 0	1 37	24 18	1 33	12 9	1 18	12 26	2 58	0 55	0 35	9 20	1 29	36 45	16 54	21 1	21 13	8 16			n.a.
T 9	6 16	8 13	3 50	7 1	0s 6	17 37	1 37	24 13	1 33	12 4	1 18	12 28	2 57	0 54	0 35	9 19	1 29	36 45	16 54	20 59	21 12	8 18			n.a.
W10	5 51	12 12	3 5	6 18	0 12	17 13	1 38	24 8	1 34	11 59	1 18	12 29	2 57	0 53	0 35	9 19	1 29	36 45	16 54	20 57	21 11	8 21			n.a.
T 11	5 27	15 41	2 12	5 35	0 18	16 49	1 38	24 3	1 34	11 54	1 18	12 31	2 57	0 52	0 35	9 18	1 29	36 45	16 55	20 56	21 11	8 23			n.a.
F 12	5 2	18 34	1 13	4 51	0 24	16 25	1 38	23 57	1 35	11 49	1 18	12 33	2 57	0 51	0 35	9 18	1 29	36 44	16 55	20 55	21 10	8 25			n.a.
S 13	4 38	20 40	0 10	4 8	0 31	16 0	1 38	23 52	1 35	11 44	1 18	12 35	2 57	0 50	0 35	9 17	1 29	36 44	16 56	20 55	21 9	8 27			n.a.
S 14	4 13	21 51	0n54	3 24	0 37	15 34	1 38	23 46	1 36	11 39	1 18	12 36	2 57	0 49	0 35	9 17	1 29	36 44	16 56	20 55	21 9	8 29			n.a.
M15	3 48	22 0	1 58	2 40	0 43	15 8	1 38	23 40	1 36	11 34	1 18	12 38	2 57	0 48	0 35	9 16	1 29	36 44	16 57	20 55	21 8	8 31			n.a.
T 16	3 23	21 0	2 57	1 56	0 49	14 42	1 38	23 34	1 37	11 29	1 18	12 40	2 57	0 47	0 35	9 16	1 29	36 44	16 57	20 55	21 8	8 34			n.a.
W17	2 59	18 50	3 50	1 12	0 54	14 15	1 38	23 27	1 37	11 24	1 18	12 41	2 57	0 46	0 35	9 15	1 29	36 44	16 57	20 54	21 7	8 36			n.a.
T 18	2 34	15 31	4 30	0 28	1 0	13 48	1 37	23 21	1 38	11 19	1 18	12 43	2 57	0 45	0 35	9 15	1 30	36 44	16 58	20 53	21 6	8 38			n.a.
F 19	2 9	11 13	4 56	0s16	1 6	13 21	1 37	23 14	1 39	11 14	1 18	12 45	2 56	0 44	0 35	9 14	1 30	36 44	16 58	20 51	21 6	8 40			n.a.
S 20	1 44	6 7	5 3	1 0	1 11	12 53	1 37	23 7	1 39	11 9	1 18	12 46	2 56	0 43	0 35	9 14	1 30	36 44	16 59	20 49	21 5	8 42			n.a.
S 21	1 19	0 33	4 50	1 44	1 16	12 25	1 36	23 1	1 40	11 4	1 18	12 48	2 56	0 42	0 35	9 13	1 30	36 44	16 59	20 47	21 4	8 44			n.a.
M22	0 54	5n 8	4 15	2 28	1 22	11 56	1 36	22 53	1 40	10 59	1 18	12 49	2 56	0 41	0 35	9 13	1 30	36 44	17 0	20 45	21 4	8 47			n.a.
T 23	0 29	10 29	3 23	3 12	1 26	11 27	1 35	22 46	1 41	10 55	1 18	12 51	2 56	0 40	0 35	9 12	1 30	36 44	17 0	20 43	21 3	8 49			n.a.
W24	0 3	15 8	2 16	3 56	1 31	10 58	1 34	22 39	1 41	10 50	1 19	12 52	2 56	0 39	0 35	9 12	1 30	36 44	17 1	20 42	21 2	8 51			n.a.
T 25	0s22	18 43	1 2	4 39	1 36	10 29	1 34	22 31	1 42	10 45	1 19	12 54	2 55	0 38	0 35	9 11	1 30	36 44	17 1	20 41	21 2	8 53			n.a.
F 26	0 47	21 1	0s14	5 22	1 40	9 59	1 33	22 24	1 42	10 40	1 19	12 55	2 55	0 37	0 35	9 10	1 30	36 45	17 2	20 41	21 1	8 55			n.a.
S 27	1 12	21 57	1 28	6 5	1 44	9 29	1 32	22 16	1 43	10 35	1 19	12 57	2 55	0 35	0 35	9 10	1 30	36 45	17 2	20 41	21 0	8 57			n.a.
S 28	1 37	21 33	2 34	6 48	1 48	8 59	1 31	22 8	1 43	10 30	1 19	12 58	2 55	0 34	0 35	9 9	1 30	36 45	17 3	20 42	21 0	8 59			n.a.
M29	2 2	19 58	3 30	7 30	1 51	8 28	1 30	22 0	1 44	10 25	1 19	12 59	2 55	0 33	0 35	9 9	1 30	36 45	17 3	20 42	20 59	9 2			n.a.
T 30	2 27	17 25	4 15	8 11	1 54	7 58	1 29	21 52	1 44	10 20	1 19	13 0	2 54	0 32	0 35	9 8	1 30	36 45	17 4	20 41	20 58	9 4			n.a.
W31	2s52	14n 7	4s45	8s53	1s57	7n27	1n28	21n43	1n45	10n16	1n19	13s 2	2s54	0n31	0s35	9n 8	1s30	36n45	17n 4	20s40	20s58	9s 6			n.a.

Julian Day Number = 192394.5, Delta T = 32h25m32s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°35'02, Lahiri = -61°28'02 Julian Calendar 1 Oct. 4187 BCE == Greg. Calendar 29 Aug. 4187 BCE

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

NOVEMBER 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 30 44	8♎ 2'50	20♌36	19♎12	16♍10	3♌41	7♍34	3°R53	2°R32	26°R30	2♌14	29°R39	1♐ 3	14♎ 1	n.a.	T 1
F 2	0 34 40	9° 4'14	2♍44	20°50	17°25	4°18	7°47	3♓50	2♈30	26♈28	2°15	29♏30	1° 0	14° 7	n.a.	F 2
S 3	0 38 37	10° 5'37	14°45	22°27	18°41	4°55	8° 0	3°46	2°27	26°27	2°16	29°20	0°57	14°14	n.a.	S 3
S 4	0 42 33	11° 7'00	26°40	24° 4	19°56	5°32	8°12	3°43	2°25	26°25	2°18	29°10	0°54	14°21	n.a.	S 4
M 5	0 46 30	12° 8'22	8♎32	25°41	21°11	6°10	8°25	3°39	2°22	26°23	2°19	29° 0	0°50	14°28	n.a.	M 5
T 6	0 50 27	13° 9'44	20°22	27°18	22°27	6°47	8°37	3°36	2°20	26°22	2°20	28°52	0°47	14°34	n.a.	T 6
W 7	0 54 23	14°11'05	2♏11	28°53	23°42	7°24	8°49	3°33	2°17	26°20	2°21	28°46	0°44	14°41	n.a.	W 7
T 8	0 58 20	15°12'26	14° 2	0♏28	24°57	8° 1	9° 1	3°30	2°15	26°18	2°22	28°43	0°41	14°48	n.a.	T 8
F 9	1 2 16	16°13'46	25°56	2° 2	26°12	8°38	9°14	3°27	2°12	26°17	2°23	28°D42	0°38	14°54	n.a.	F 9
S 10	1 6 13	17°15'05	7♐58	3°34	27°28	9°15	9°26	3°24	2°10	26°15	2°24	28°42	0°35	15° 1	n.a.	S 10
S 11	1 10 9	18°16'22	20°11	5° 4	28°43	9°52	9°38	3°21	2° 7	26°13	2°25	28°43	0°31	15° 8	n.a.	S 11
M12	1 14 6	19°17'39	2♑38	6°32	29°58	10°29	9°50	3°18	2° 5	26°12	2°26	28°45	0°28	15°14	n.a.	M12
T 13	1 18 3	20°18'55	15°25	7°58	1♎13	11° 6	10° 2	3°16	2° 2	26°10	2°27	28°R46	0°25	15°21	n.a.	T 13
W14	1 21 59	21°20'09	28°35	9°20	2°28	11°43	10°14	3°13	2° 0	26° 8	2°28	28°46	0°22	15°28	n.a.	W14
T 15	1 25 56	22°21'22	12♒12	10°39	3°44	12°19	10°25	3°11	1°58	26° 7	2°29	28°44	0°19	15°34	n.a.	T 15
F 16	1 29 52	23°22'34	26°17	11°54	4°59	12°56	10°37	3° 8	1°55	26° 5	2°29	28°41	0°15	15°41	n.a.	F 16
S 17	1 33 49	24°23'45	10♓49	13° 3	6°14	13°33	10°49	3° 6	1°53	26° 3	2°30	28°36	0°12	15°48	n.a.	S 17
S 18	1 37 45	25°24'54	25°44	14° 7	7°29	14°10	11° 0	3° 4	1°51	26° 2	2°31	28°31	0° 9	15°54	n.a.	S 18
M19	1 41 42	26°26'02	10♈55	15° 4	8°44	14°46	11°12	3° 2	1°48	26° 0	2°32	28°26	0° 6	16° 1	n.a.	M19
T 20	1 45 39	27°27'08	26°12	15°53	9°59	15°23	11°23	3° 0	1°46	25°58	2°32	28°22	0° 3	16° 8	n.a.	T 20
W21	1 49 35	28°28'14	11♉25	16°34	11°14	16° 0	11°34	2°59	1°44	25°57	2°33	28°20	29♏59	16°14	n.a.	W21
T 22	1 53 32	29°29'18	26°23	17° 6	12°29	16°36	11°46	2°57	1°42	25°55	2°33	28°D19	29°56	16°21	n.a.	T 22
F 23	1 57 28	0♏30'22	10♊58	17°28	13°44	17°13	11°57	2°55	1°39	25°53	2°34	28°19	29°53	16°28	n.a.	F 23
S 24	2 1 25	1°31'24	25° 8	17°39	14°59	17°49	12° 8	2°54	1°37	25°51	2°34	28°21	29°50	16°35	n.a.	S 24
S 25	2 5 21	2°32'25	8♋49	17°R39	16°14	18°26	12°19	2°53	1°35	25°50	2°35	28°22	29°47	16°41	n.a.	S 25
M26	2 9 18	3°33'25	22° 4	17°28	17°29	19° 2	12°30	2°51	1°33	25°48	2°35	28°24	29°44	16°48	n.a.	M26
T 27	2 13 15	4°34'24	4♌55	17° 6	18°44	19°39	12°40	2°50	1°31	25°46	2°36	28°R24	29°41	16°55	n.a.	T 27
W28	2 17 11	5°35'22	17°26	16°32	19°59	20°15	12°51	2°49	1°29	25°45	2°36	28°24	29°37	17° 1	n.a.	W28
T 29	2 21 8	6°36'19	29°41	15°48	21°14	20°51	13° 2	2°49	1°27	25°43	2°36	28°22	29°34	17° 8	n.a.	T 29
F 30	2 25 4	7♏37'14	11♍44	14♏56	22♎29	21♌28	13♍12	2♓48	1♈25	25♈41	2♌37	28♏19	29♏31	17♎15	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s17	10n15	5s 3	9s33	1s59	6n56	1n26	21n35	1n45	10n11	1n19	13s 3	2s54	0n30	0s35	9n 7	1s30	36n45	17n 5	20s39	20s57	9s 8		n.a.
F 2	3 42	6 3	5 6	10 13	2 1	6 24	1 25	21 26	1 46	10 6	1 19	13 4	2 54	0 29	0 35	9 6	1 30	36 45	17 5	20 37	20 56	9 10		n.a.
S 3	4 6	1 39	4 56	10 52	2 3	5 53	1 24	21 17	1 46	10 1	1 19	13 5	2 54	0 28	0 35	9 6	1 30	36 46	17 6	20 34	20 56	9 12		n.a.
S 4	4 31	2s47	4 32	11 30	2 4	5 21	1 23	21 8	1 47	9 57	1 19	13 6	2 53	0 27	0 35	9 5	1 30	36 46	17 6	20 32	20 55	9 14		n.a.
M 5	4 56	7 5	3 57	12 7	2 4	4 49	1 21	20 59	1 47	9 52	1 19	13 7	2 53	0 26	0 35	9 5	1 30	36 46	17 7	20 30	20 54	9 16		n.a.
T 6	5 20	11 7	3 12	12 43	2 4	4 18	1 20	20 50	1 48	9 47	1 19	13 8	2 53	0 25	0 35	9 4	1 30	36 46	17 7	20 28	20 54	9 19		n.a.
W 7	5 45	14 44	2 19	13 18	2 3	3 46	1 18	20 41	1 48	9 42	1 19	13 9	2 53	0 24	0 35	9 3	1 30	36 47	17 8	20 27	20 53	9 21		n.a.
T 8	6 9	17 45	1 19	13 51	2 2	3 13	1 16	20 31	1 49	9 38	1 19	13 10	2 52	0 23	0 35	9 3	1 30	36 47	17 8	20 26	20 52	9 23		n.a.
F 9	6 33	20 2	0 15	14 23	2 0	2 41	1 15	20 22	1 49	9 33	1 19	13 11	2 52	0 22	0 35	9 2	1 30	36 47	17 9	20 26	20 51	9 25		n.a.
S 10	6 58	21 26	0n50	14 53	1 57	2 9	1 13	20 12	1 50	9 29	1 20	13 12	2 52	0 21	0 35	9 1	1 30	36 47	17 10	20 26	20 51	9 27		n.a.
S 11	7 22	21 50	1 54	15 21	1 54	1 37	1 11	20 3	1 50	9 24	1 20	13 13	2 52	0 20	0 35	9 1	1 30	36 48	17 10	20 26	20 50	9 29		n.a.
M12	7 45	21 11	2 54	15 48	1 49	1 4	1 10	19 53	1 51	9 19	1 20	13 13	2 51	0 19	0 35	9 0	1 30	36 48	17 11	20 27	20 49	9 31		n.a.
T 13	8 9	19 26	3 47	16 12	1 44	0 32	1 8	19 43	1 51	9 15	1 20	13 14	2 51	0 18	0 35	9 0	1 30	36 48	17 11	20 27	20 49	9 33		n.a.
W14	8 33	16 37	4 30	16 33	1 38	0s 0	1 6	19 33	1 52	9 10	1 20	13 15	2 51	0 17	0 35	8 59	1 30	36 49	17 12	20 27	20 48	9 35		n.a.
T 15	8 56	12 50	4 59	16 52	1 31	0 33	1 4	19 22	1 52	9 6	1 20	13 16	2 50	0 16	0 35	8 58	1 30	36 49	17 12	20 26	20 47	9 37		n.a.
F 16	9 20	8 14	5 12	17 8	1 22	1 5	1 2	19 12	1 53	9 1	1 20	13 16	2 50	0 15	0 35	8 58	1 30	36 49	17 13	20 26	20 47	9 40		n.a.
S 17	9 43	3 2	5 5	17 21	1 13	1 38	1 0	19 2	1 53	8 57	1 20	13 17	2 50	0 14	0 35	8 57	1 30	36 50	17 13	20 25	20 46	9 42		n.a.
S 18	10 6	2n29	4 38	17 30	1 2	2 10	0 58	18 51	1 54	8 52	1 20	13 17	2 50	0 13	0 35	8 56	1 30	36 50	17 14	20 23	20 45	9 44		n.a.
M19	10 29	7 58	3 51	17 36	0 50	2 42	0 56	18 40	1 54	8 48	1 20	13 18	2 49	0 12	0 35	8 56	1 30	36 50	17 15	20 22	20 45	9 46		n.a.
T 20	10 51	12 58	2 47	17 39	0 37	3 14	0 54	18 30	1 55	8 44	1 20	13 18	2 49	0 12	0 35	8 55	1 30	36 51	17 15	20 21	20 44	9 48		n.a.
W21	11 14	17 7	1 31	17 37	0 23	3 47	0 52	18 19	1 55	8 39	1 21	13 18	2 49	0 11	0 35	8 55	1 30	36 51	17 16	20 21	20 43	9 50		n.a.
T 22	11 36	20 4	0 11	17 32	0 8	4 19	0 50	18 8	1 56	8 35	1 21	13 19	2 48	0 10	0 35	8 54	1 30	36 52	17 16	20 21	20 43	9 52		n.a.
F 23	11 58	21 35	1s 9	17 23	0n 9	4 51	0 47	17 57	1 56	8 31	1 21	13 19	2 48	0 9	0 35	8 53	1 30	36 52	17 17	20 21	20 42	9 54		n.a.
S 24	12 20	21 39	2 22	17 9	0 26	5 22	0 45	17 46	1 57	8 27	1 21	13 19	2 48	0 8	0 35	8 53	1 30	36 52	17 18	20 21	20 41	9 56		n.a.
S 25	12 42	20 24	3 25	16 52	0 45	5 54	0 43	17 35	1 57	8 22	1 21	13 20	2 47	0 7	0 35	8 52	1 30	36 53	17 18	20 21	20 40	9 58		n.a.
M26	13 3	18 4	4 14	16 31	1 3	6 26	0 41	17 23	1 58	8 18	1 21	13 20	2 47	0 6	0 35	8 52	1 30	36 53	17 19	20 22	20 40	10 0		n.a.
T 27	13 24	14 54	4 49	16 6	1 23	6 57	0 38	17 12	1 58	8 14	1 21	13 20	2 47	0 6	0 35	8 51	1 29	36 54	17 19	20 22	20 39	10 2		n.a.
W28	13 45	11 8	5 9	15 38	1 42	7 28	0 36	17 1	1 58	8 10	1 21	13 20	2 47	0 5	0 35	8 50	1 29	36 54	17 20	20 22	20 38	10 4		n.a.
T 29	14 6	7 0	5 15	15 7	2 1	8 0	0 34	16 49	1 59	8 6	1 21	13 20	2 46	0 4	0 35	8 50	1 29	36 55	17 21	20 21	20 38	10 6		n.a.
F 30	14s26	2n39	5s 7	14s34	2n19	8s30	0n31	16n37	1n59	8n 2	1n22	13s20	2s46	0n 3	0s35	8n49	1s29	36n55	17n21	20s21	20s37	10s 8		n.a.

Julian Day Number = 192425.5, Delta T = 32h25m29s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'58, Lahiri = -61°27'57 Julian Calendar 1 Nov. 4187 BCE == Greg. Calendar 29 Sept. 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4187 BCE
geocentric

DECEMBER 4187 BCE (-4186) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 29 1	8♏38'08	23♍39	13°R55	23♎44	22♌ 4	13♍23	2°R47	1°R23	25°R40	2♌37	28°R16	29♏28	17♎21	n.a.	S 1
S 2	2 32 57	9°39'01	5♎29	12♏49	24°59	22°40	13°33	2♓47	1♈21	25♈38	2°37	28♏13	29°25	17°28	n.a.	S 2
M 3	2 36 54	10°39'52	17°18	11°38	26°14	23°16	13°43	2°46	1°19	25°36	2°37	28°10	29°21	17°35	n.a.	M 3
T 4	2 40 51	11°40'41	29° 8	10°26	27°29	23°52	13°53	2°46	1°17	25°35	2°38	28° 7	29°18	17°41	n.a.	T 4
W 5	2 44 47	12°41'29	11♏ 1	9°14	28°44	24°28	14° 3	2°46	1°16	25°33	2°38	28° 6	29°15	17°48	n.a.	W 5
T 6	2 48 44	13°42'16	22°58	8° 4	29°59	25° 4	14°13	2°D46	1°14	25°32	2°38	28°D 5	29°12	17°55	n.a.	T 6
F 7	2 52 40	14°43'01	5♐ 3	6°57	1♏14	25°40	14°23	2°46	1°12	25°30	2°38	28° 5	29° 9	18° 1	n.a.	F 7
S 8	2 56 37	15°43'44	17°16	5°56	2°29	26°16	14°32	2°46	1°11	25°28	2°R38	28° 6	29° 6	18° 8	n.a.	S 8
S 9	3 0 33	16°44'25	29°40	5° 1	3°43	26°51	14°42	2°46	1° 9	25°27	2°38	28° 7	29° 2	18°15	n.a.	S 9
M10	3 4 30	17°45'04	12♑17	4°14	4°58	27°27	14°51	2°47	1° 7	25°25	2°38	28° 8	28°59	18°21	n.a.	M10
T 11	3 8 27	18°45'41	25°10	3°34	6°13	28° 3	15° 1	2°47	1° 6	25°24	2°38	28° 9	28°56	18°28	n.a.	T 11
W12	3 12 23	19°46'16	8♒21	3° 1	7°28	28°38	15°10	2°48	1° 5	25°22	2°37	28° 9	28°53	18°35	n.a.	W12
T 13	3 16 20	20°46'49	21°53	2°37	8°42	29°14	15°19	2°49	1° 3	25°21	2°37	28°R 9	28°50	18°41	n.a.	T 13
F 14	3 20 16	21°47'19	5♓46	2°20	9°57	29°49	15°28	2°50	1° 2	25°19	2°37	28° 9	28°47	18°48	n.a.	F 14
S 15	3 24 13	22°47'47	20° 0	2°11	11°12	0♍25	15°37	2°51	1° 0	25°18	2°37	28° 9	28°43	18°55	n.a.	S 15
S 16	3 28 9	23°48'13	4♈34	2°D10	12°27	1° 0	15°46	2°52	0°59	25°16	2°36	28° 8	28°40	19° 2	n.a.	S 16
M17	3 32 6	24°48'37	19°23	2°15	13°41	1°35	15°54	2°53	0°58	25°15	2°36	28° 8	28°37	19° 8	n.a.	M17
T 18	3 36 3	25°48'59	4♉21	2°27	14°56	2°10	16° 3	2°54	0°57	25°13	2°36	28° 8	28°34	19°15	n.a.	T 18
W19	3 39 59	26°49'18	19°20	2°44	16°11	2°45	16°11	2°56	0°55	25°12	2°35	28° 7	28°31	19°22	n.a.	W19
T 20	3 43 56	27°49'36	4♊11	3° 7	17°25	3°20	16°19	2°58	0°54	25°11	2°35	28° 7	28°27	19°28	n.a.	T 20
F 21	3 47 52	28°49'51	18°48	3°36	18°40	3°55	16°27	2°59	0°53	25° 9	2°35	28° 7	28°24	19°35	n.a.	F 21
S 22	3 51 49	29°50'05	3♋ 3	4° 9	19°54	4°30	16°35	3° 1	0°52	25° 8	2°34	28° 7	28°21	19°42	n.a.	S 22
S 23	3 55 45	0♐50'17	16°53	4°47	21° 9	5° 5	16°43	3° 3	0°51	25° 7	2°33	28° 7	28°18	19°48	n.a.	S 23
M24	3 59 42	1°50'27	0♌17	5°29	22°23	5°40	16°51	3° 5	0°50	25° 5	2°33	28° 7	28°15	19°55	n.a.	M24
T 25	4 3 38	2°50'35	13°16	6°15	23°38	6°14	16°58	3° 7	0°50	25° 4	2°32	28° 6	28°12	20° 2	n.a.	T 25
W26	4 7 35	3°50'41	25°53	7° 4	24°53	6°49	17° 6	3° 9	0°49	25° 3	2°32	28° 6	28° 8	20° 8	n.a.	W26
T 27	4 11 32	4°50'45	8♍10	7°57	26° 7	7°23	17°13	3°12	0°48	25° 2	2°31	28°D 6	28° 5	20°15	n.a.	T 27
F 28	4 15 28	5°50'47	20°14	8°52	27°22	7°58	17°20	3°14	0°47	25° 0	2°30	28° 6	28° 2	20°22	n.a.	F 28
S 29	4 19 25	6°50'47	2♎ 8	9°51	28°36	8°32	17°27	3°17	0°47	24°59	2°30	28° 7	27°59	20°28	n.a.	S 29
S 30	4 23 21	7°50'46	13°58	10°52	29°51	9° 6	17°34	3°19	0°46	24°58	2°29	28° 8	27°56	20°35	n.a.	S 30
M31	4 27 18	8♐50'42	25♎46	11♏56	1♐ 5	9♍40	17♍41	3♓22	0♈46	24♈57	2♌28	28♏ 9	27♏52	20♎42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s47	1s45	4s45	13s59	2n36	9s 1	0n29	16n26	2n 0	7n58	1n22	13s20	2s46	0n 2	0s34	8n49	1s29	36n56	17n22	20s20	20s36	10s11		n.a.
S 2	15 7	6 4	4 11	13 24	2 52	9 31	0 27	16 14	2 0	7 54	1 22	13 20	2 45	0 2	0 34	8 48	1 29	36 56	17 22	20 19	20 36	10 13		n.a.
M 3	15 26	10 9	3 27	12 49	3 6	10 2	0 24	16 2	2 1	7 50	1 22	13 20	2 45	0 1	0 34	8 47	1 29	36 57	17 23	20 19	20 35	10 15		n.a.
T 4	15 46	13 51	2 33	12 15	3 18	10 32	0 22	15 50	2 1	7 46	1 22	13 19	2 45	0 0	0 34	8 47	1 29	36 57	17 23	20 18	20 34	10 17		n.a.
W 5	16 5	17 1	1 33	11 42	3 27	11 1	0 20	15 38	2 2	7 42	1 22	13 19	2 44	0s 0	0 34	8 46	1 29	36 58	17 24	20 18	20 33	10 19		n.a.
T 6	16 24	19 29	0 28	11 12	3 35	11 31	0 17	15 26	2 2	7 38	1 22	13 19	2 44	0 1	0 34	8 46	1 29	36 58	17 25	20 17	20 33	10 21		n.a.
F 7	16 42	21 7	0n39	10 46	3 40	12 0	0 15	15 14	2 3	7 35	1 23	13 18	2 44	0 2	0 34	8 45	1 29	36 59	17 25	20 17	20 32	10 23		n.a.
S 8	17 1	21 45	1 44	10 22	3 43	12 29	0 12	15 2	2 3	7 31	1 23	13 18	2 43	0 2	0 34	8 44	1 29	36 59	17 26	20 18	20 31	10 25		n.a.
S 9	17 18	21 20	2 47	10 3	3 44	12 57	0 10	14 50	2 3	7 27	1 23	13 18	2 43	0 3	0 34	8 44	1 29	37 0	17 26	20 18	20 31	10 27		n.a.
M10	17 36	19 51	3 42	9 47	3 43	13 25	0 8	14 38	2 4	7 24	1 23	13 17	2 43	0 4	0 34	8 43	1 29	37 1	17 27	20 18	20 30	10 29		n.a.
T 11	17 53	17 20	4 27	9 36	3 41	13 53	0 5	14 25	2 4	7 20	1 23	13 17	2 42	0 4	0 34	8 43	1 29	37 1	17 28	20 18	20 29	10 31		n.a.
W12	18 10	13 53	4 59	9 29	3 37	14 21	0 3	14 13	2 5	7 17	1 23	13 16	2 42	0 5	0 34	8 42	1 29	37 2	17 28	20 18	20 28	10 33		n.a.
T 13	18 27	9 38	5 16	9 25	3 31	14 48	0 0	14 1	2 5	7 13	1 23	13 16	2 42	0 5	0 34	8 42	1 29	37 2	17 29	20 18	20 28	10 35		n.a.
F 14	18 43	4 47	5 15	9 26	3 25	15 15	0s 2	13 48	2 6	7 10	1 24	13 15	2 41	0 6	0 34	8 41	1 29	37 3	17 29	20 18	20 27	10 37		n.a.
S 15	18 59	0n26	4 55	9 30	3 17	15 41	0 4	13 36	2 6	7 6	1 24	13 14	2 41	0 6	0 34	8 41	1 29	37 4	17 30	20 18	20 26	10 39		n.a.
S 16	19 15	5 45	4 16	9 37	3 9	16 7	0 7	13 23	2 6	7 3	1 24	13 14	2 41	0 7	0 34	8 40	1 29	37 4	17 30	20 18	20 26	10 41		n.a.
M17	19 30	10 51	3 19	9 47	3 0	16 32	0 9	13 10	2 7	7 0	1 24	13 13	2 40	0 7	0 34	8 40	1 29	37 5	17 31	20 18	20 25	10 43		n.a.
T 18	19 45	15 20	2 8	10 0	2 51	16 57	0 12	12 58	2 7	6 56	1 24	13 12	2 40	0 8	0 34	8 39	1 29	37 5	17 31	20 18	20 24	10 45		n.a.
W19	20 0	18 50	0 49	10 15	2 41	17 22	0 14	12 45	2 8	6 53	1 24	13 11	2 40	0 8	0 34	8 39	1 29	37 6	17 32	20 18	20 23	10 47		n.a.
T 20	20 14	21 2	0s34	10 33	2 31	17 46	0 16	12 32	2 8	6 50	1 25	13 10	2 39	0 9	0 34	8 38	1 29	37 7	17 33	20 18	20 23	10 49		n.a.
F 21	20 28	21 45	1 53	10 52	2 21	18 10	0 18	12 20	2 8	6 47	1 25	13 9	2 39	0 9	0 34	8 38	1 29	37 7	17 33	20 18	20 22	10 51		n.a.
S 22	20 41	21 2	3 2	11 13	2 10	18 33	0 21	12 7	2 9	6 44	1 25	13 8	2 39	0 9	0 34	8 37	1 29	37 8	17 34	20 18	20 21	10 53		n.a.
S 23	20 54	19 3	3 59	11 36	2 0	18 55	0 23	11 54	2 9	6 41	1 25	13 7	2 38	0 10	0 34	8 37	1 29	37 9	17 34	20 18	20 20	10 55		n.a.
M24	21 7	16 5	4 41	12 0	1 49	19 17	0 25	11 41	2 9	6 38	1 25	13 6	2 38	0 10	0 34	8 36	1 29	37 9	17 35	20 18	20 20	10 57		n.a.
T 25	21 19	12 24	5 7	12 26	1 39	19 39	0 28	11 28	2 10	6 35	1 25	13 5	2 38	0 10	0 34	8 36	1 29	37 10	17 35	20 18	20 19	10 59		n.a.
W26	21 31	8 17	5 18	12 52	1 28	20 0	0 30	11 16	2 10	6 33	1 26	13 4	2 37	0 11	0 34	8 36	1 29	37 11	17 36	20 18	20 18	11 1		n.a.
T 27	21 42	3 55	5 13	13 19	1 18	20 21	0 32	11 3	2 10	6 30	1 26	13 3	2 37	0 11	0 34	8 35	1 29	37 11	17 36	20 18	20 18	11 3		n.a.
F 28	21 53	0s31	4 55	13 47	1 8	20 40	0 34	10 50	2 11	6 27	1 26	13 2	2 37	0 11	0 34	8 35	1 28	37 12	17 37	20 18	20 17	11 4		n.a.
S 29	22 4	4 53	4 24	14 16	0 58	21 0	0 36	10 37	2 11	6 24	1 26	13 0	2 37	0 12	0 34	8 34	1 28	37 13	17 37	20 18	20 16	11 6		n.a.
S 30	22 14	9 3	3 42	14 45	0 48	21 18	0 38	10 24	2 11	6 22	1 26	12 59	2 36	0 12	0 34	8 34	1 28	37 13	17 38	20 18	20 15	11 8		n.a.
M31	22s24	12s52	2s50	15s15	0n38	21s37	0s40	10n11	2n12	6n19	1n27	12s58	2s36	0s12	0s33	8n34	1s28	37n14	17n38	20s18	20s15	11s10		n.a.

Julian Day Number = 192455.5, Delta T = 32h25m25s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'54, Lahiri = -61°27'53 Julian Calendar 1 Dec. 4187 BCE == Greg. Calendar 29 Oct. 4187 BCE

The year -4186 astronomical counting style corresponds to year 4187 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

JANUARY 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 31 14	9♐50'36	7♏38	13♏ 2	2♐19	10♍14	17♍47	3♓25	0°R45	24°R56	2°R27	28♏10	27♏49	20♎48	n.a.	T 1
W 2	4 35 11	10°50'29	19°36	14°10	3°34	10°48	17°53	3°28	0♈45	24♈55	2♌27	28°11	27°46	20°55	n.a.	W 2
T 3	4 39 7	11°50'19	1♐43	15°20	4°48	11°22	18° 0	3°31	0°44	24°54	2°26	28°R11	27°43	21° 2	n.a.	T 3
F 4	4 43 4	12°50'07	14° 0	16°32	6° 3	11°56	18° 6	3°34	0°44	24°53	2°25	28°10	27°40	21° 8	n.a.	F 4
S 5	4 47 0	13°49'53	26°30	17°46	7°17	12°29	18°12	3°38	0°44	24°52	2°24	28° 9	27°37	21°15	n.a.	S 5
S 6	4 50 57	14°49'36	9♑13	19° 2	8°32	13° 3	18°17	3°41	0°43	24°51	2°23	28° 7	27°33	21°22	n.a.	S 6
M 7	4 54 54	15°49'18	22°10	20°20	9°46	13°36	18°23	3°45	0°43	24°50	2°22	28° 4	27°30	21°28	n.a.	M 7
T 8	4 58 50	16°48'56	5♒20	21°39	11° 0	14° 9	18°28	3°48	0°43	24°49	2°21	28° 1	27°27	21°35	n.a.	T 8
W 9	5 2 47	17°48'32	18°44	23° 0	12°15	14°42	18°34	3°52	0°43	24°48	2°20	27°59	27°24	21°42	n.a.	W 9
T 10	5 6 43	18°48'06	2♓22	24°22	13°29	15°15	18°39	3°56	0°D43	24°47	2°19	27°57	27°21	21°48	n.a.	T 10
F 11	5 10 40	19°47'37	16°13	25°46	14°43	15°48	18°44	4° 0	0°43	24°46	2°18	27°D56	27°18	21°55	n.a.	F 11
S 12	5 14 36	20°47'05	0♈18	27°11	15°58	16°21	18°49	4° 4	0°43	24°45	2°17	27°57	27°14	22° 2	n.a.	S 12
S 13	5 18 33	21°46'31	14°33	28°38	17°12	16°53	18°53	4° 8	0°43	24°44	2°15	27°58	27°11	22° 8	n.a.	S 13
M14	5 22 29	22°45'54	28°58	0♐ 6	18°26	17°26	18°58	4°12	0°43	24°44	2°14	27°59	27° 8	22°15	n.a.	M14
T 15	5 26 26	23°45'15	13♉30	1°35	19°40	17°58	19° 2	4°16	0°44	24°43	2°13	28° 0	27° 5	22°22	n.a.	T 15
W16	5 30 22	24°44'33	28° 3	3° 6	20°55	18°30	19° 6	4°20	0°44	24°42	2°12	28°R 1	27° 2	22°28	n.a.	W16
T 17	5 34 19	25°43'49	12♊32	4°38	22° 9	19° 2	19°10	4°25	0°44	24°42	2°11	28° 0	26°58	22°35	n.a.	T 17
F 18	5 38 16	26°43'02	26°52	6°12	23°23	19°34	19°14	4°29	0°45	24°41	2° 9	27°58	26°55	22°42	n.a.	F 18
S 19	5 42 12	27°42'13	10♋57	7°47	24°37	20° 6	19°17	4°34	0°45	24°40	2° 8	27°55	26°52	22°48	n.a.	S 19
S 20	5 46 9	28°41'22	24°43	9°23	25°51	20°38	19°21	4°39	0°46	24°40	2° 7	27°50	26°49	22°55	n.a.	S 20
M21	5 50 5	29°40'29	8♌ 8	11° 0	27° 6	21° 9	19°24	4°44	0°46	24°39	2° 5	27°45	26°46	23° 2	n.a.	M21
T 22	5 54 2	0♑39'33	21°10	12°39	28°20	21°40	19°27	4°48	0°47	24°39	2° 4	27°40	26°43	23° 8	n.a.	T 22
W23	5 57 58	1°38'36	3♍50	14°19	29°34	22°12	19°30	4°53	0°48	24°38	2° 3	27°36	26°39	23°15	n.a.	W23
T 24	6 1 55	2°37'36	16°11	16° 1	0♑48	22°43	19°33	4°58	0°48	24°38	2° 1	27°33	26°36	23°22	n.a.	T 24
F 25	6 5 51	3°36'34	28°17	17°44	2° 2	23°13	19°35	5° 4	0°49	24°38	2° 0	27°32	26°33	23°28	n.a.	F 25
S 26	6 9 48	4°35'31	10♎12	19°28	3°16	23°44	19°37	5° 9	0°50	24°37	1°58	27°D32	26°30	23°35	n.a.	S 26
S 27	6 13 44	5°34'25	22° 2	21°14	4°31	24°14	19°40	5°14	0°51	24°37	1°57	27°33	26°27	23°42	n.a.	S 27
M28	6 17 41	6°33'17	3♏52	23° 1	5°45	24°45	19°41	5°19	0°52	24°37	1°56	27°34	26°24	23°49	n.a.	M28
T 29	6 21 37	7°32'08	15°45	24°50	6°59	25°15	19°43	5°25	0°53	24°36	1°54	27°36	26°20	23°55	n.a.	T 29
W30	6 25 34	8°30'56	27°48	26°40	8°13	25°45	19°45	5°30	0°54	24°36	1°53	27°R36	26°17	24° 2	n.a.	W30
T 31	6 29 30	9♑29'42	10♐ 3	28♐31	9♑27	26♍14	19♍46	5♓36	0♈55	24♈36	1♌51	27♏36	26♏14	24♎ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s33	16s12	1s52	15s44	0n28	21s54	0s42	9n58	2n12	6n17	1n27	12s56	2s36	0s12	0s33	8n33	1s28	37n15	17n39	20s19	20s14	11s12		n.a.	
W 2	22 42	18 53	0 47	16 14	0 19	22 11	0 44	9 45	2 12	6 15	1 27	12 55	2 35	0 12	0 33	8 33	1 28	37 15	17 39	20 19	20 13	11 14		n.a.	
T 3	22 50	20 46	0n20	16 44	0 10	22 27	0 46	9 32	2 13	6 12	1 27	12 54	2 35	0 12	0 33	8 32	1 28	37 16	17 40	20 19	20 12	11 16		n.a.	
F 4	22 58	21 42	1 27	17 14	0 1	22 43	0 48	9 19	2 13	6 10	1 27	12 52	2 35	0 12	0 33	8 32	1 28	37 17	17 40	20 19	20 12	11 18		n.a.	
S 5	23 6	21 34	2 31	17 44	0s 8	22 58	0 50	9 6	2 13	6 8	1 27	12 51	2 34	0 13	0 33	8 32	1 28	37 17	17 41	20 18	20 11	11 20		n.a.	
S 6	23 13	20 19	3 28	18 14	0 16	23 12	0 52	8 53	2 13	6 6	1 28	12 49	2 34	0 13	0 33	8 31	1 28	37 18	17 41	20 18	20 10	11 22		n.a.	
M 7	23 20	18 1	4 16	18 43	0 24	23 25	0 54	8 40	2 14	6 4	1 28	12 47	2 34	0 13	0 33	8 31	1 28	37 19	17 42	20 17	20 9	11 24		n.a.	
T 8	23 26	14 46	4 51	19 12	0 32	23 38	0 55	8 27	2 14	6 2	1 28	12 46	2 33	0 13	0 33	8 31	1 28	37 20	17 42	20 17	20 9	11 26		n.a.	
W 9	23 32	10 42	5 11	19 41	0 40	23 50	0 57	8 14	2 14	6 0	1 28	12 44	2 33	0 13	0 33	8 31	1 28	37 20	17 43	20 16	20 8	11 28		n.a.	
T 10	23 37	6 3	5 15	20 9	0 47	24 2	0 59	8 1	2 14	5 58	1 28	12 42	2 33	0 13	0 33	8 30	1 28	37 21	17 43	20 16	20 7	11 30		n.a.	
F 11	23 42	1 0	5 0	20 37	0 54	24 13	1 0	7 48	2 15	5 56	1 29	12 41	2 33	0 13	0 33	8 30	1 28	37 22	17 43	20 16	20 6	11 32		n.a.	
S 12	23 47	4n11	4 27	21 4	1 1	24 23	1 2	7 36	2 15	5 54	1 29	12 39	2 32	0 13	0 33	8 30	1 28	37 22	17 44	20 16	20 6	11 33		n.a.	
S 13	23 51	9 13	3 37	21 31	1 8	24 32	1 3	7 23	2 15	5 53	1 29	12 37	2 32	0 12	0 33	8 29	1 28	37 23	17 44	20 16	20 5	11 35		n.a.	
M14	23 54	13 47	2 33	21 57	1 14	24 40	1 5	7 10	2 15	5 51	1 29	12 35	2 32	0 12	0 33	8 29	1 28	37 24	17 45	20 16	20 4	11 37		n.a.	
T 15	23 58	17 35	1 19	22 22	1 20	24 48	1 6	6 57	2 15	5 49	1 29	12 33	2 31	0 12	0 33	8 29	1 28	37 24	17 45	20 16	20 3	11 39		n.a.	
W16	24 0	20 17	0s 0	22 46	1 25	24 55	1 8	6 44	2 15	5 48	1 30	12 31	2 31	0 12	0 33	8 29	1 28	37 25	17 45	20 17	20 3	11 41		n.a.	
T 17	24 2	21 38	1 19	23 9	1 30	25 1	1 9	6 31	2 16	5 47	1 30	12 30	2 31	0 12	0 33	8 29	1 27	37 26	17 46	20 16	20 2	11 43		n.a.	
F 18	24 4	21 33	2 32	23 31	1 35	25 7	1 10	6 19	2 16	5 45	1 30	12 28	2 31	0 12	0 33	8 28	1 27	37 26	17 46	20 16	20 1	11 45		n.a.	
S 19	24 5	20 6	3 34	23 51	1 40	25 11	1 11	6 6	2 16	5 44	1 30	12 26	2 30	0 11	0 33	8 28	1 27	37 27	17 46	20 15	20 0	11 47		n.a.	
S 20	24 6	17 29	4 22	24 11	1 44	25 15	1 13	5 53	2 16	5 43	1 31	12 24	2 30	0 11	0 33	8 28	1 27	37 28	17 47	20 14	20 0	11 49		n.a.	
M21	24 7	14 1	4 55	24 30	1 47	25 19	1 14	5 40	2 16	5 42	1 31	12 22	2 30	0 11	0 33	8 28	1 27	37 28	17 47	20 13	19 59	11 51		n.a.	
T 22	24 7	9 57	5 10	24 47	1 50	25 21	1 15	5 28	2 16	5 41	1 31	12 19	2 30	0 11	0 33	8 28	1 27	37 29	17 47	20 12	19 58	11 52		n.a.	
W23	24 6	5 34	5 11	25 2	1 53	25 23	1 16	5 15	2 16	5 40	1 31	12 17	2 29	0 10	0 33	8 28	1 27	37 30	17 48	20 11	19 57	11 54		n.a.	
T 24	24 5	1 4	4 56	25 16	1 56	25 23	1 17	5 3	2 16	5 39	1 31	12 15	2 29	0 10	0 33	8 28	1 27	37 30	17 48	20 10	19 57	11 56		n.a.	
F 25	24 4	3s23	4 29	25 29	1 58	25 23	1 18	4 50	2 16	5 38	1 32	12 13	2 29	0 10	0 33	8 28	1 27	37 31	17 48	20 10	19 56	11 58		n.a.	
S 26	24 2	7 40	3 50	25 40	1 59	25 23	1 18	4 38	2 16	5 37	1 32	12 11	2 28	0 9	0 32	8 27	1 27	37 32	17 49	20 10	19 55	12 0		n.a.	
S 27	23 59	11 37	3 2	25 49	2 0	25 21	1 19	4 25	2 16	5 37	1 32	12 9	2 28	0 9	0 32	8 27	1 27	37 32	17 49	20 10	19 54	12 2		n.a.	
M28	23 57	15 7	2 6	25 56	2 1	25 19	1 20	4 13	2 16	5 36	1 32	12 6	2 28	0 8	0 32	8 27	1 27	37 33	17 49	20 10	19 54	12 4		n.a.	
T 29	23 53	18 2	1 4	26 1	2 1	25 16	1 21	4 1	2 16	5 35	1 32	12 4	2 28	0 8	0 32	8 27	1 27	37 34	17 50	20 11	19 53	12 5		n.a.	
W30	23 50	20 13	0n 1	26 4	2 0	25 12	1 21	3 48	2 16	5 35	1 33	12 2	2 28	0 8	0 32	8 27	1 27	37 34	17 50	20 11	19 52	12 7		n.a.	
T 31	23s46	21s29	1n 7	26s 5	1s59	25s 7	1s22	3n36	2n16	5n35	1n33	11s59	2s27	0s 7	0s32	8n27	1s27	37n35	17n50	20s11	19s51	12s 9		n.a.	

Julian Day Number = 192486.5, Delta T = 32h25m22s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'50, Lahiri = -61°27'49 Julian Calendar 1 Jan. 4186 BCE == Greg. Calendar 29 Nov. 4187 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

FEBRUARY 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 33 27	10♉28'27	22♐34	0♉24	10♉41	26♍44	19♍47	5♓42	0♈56	24°R36	1°R50	27°R33	26♏11	24♎15	n.a.	F 1
S 2	6 37 24	11°27'09	5♉21	2°18	11°55	27°13	19°49	5°47	0°57	24♈36	1♌48	27♏28	26° 8	24°22	n.a.	S 2
S 3	6 41 20	12°25'49	18°26	4°14	13° 9	27°42	19°49	5°53	0°58	24°35	1°46	27°22	26° 4	24°29	n.a.	S 3
M 4	6 45 17	13°24'26	1♒47	6°11	14°23	28°11	19°50	5°59	1° 0	24°35	1°45	27°14	26° 1	24°35	n.a.	M 4
T 5	6 49 13	14°23'02	15°22	8° 9	15°37	28°39	19°51	6° 5	1° 1	24°35	1°43	27° 6	25°58	24°42	n.a.	T 5
W 6	6 53 10	15°21'35	29° 9	10° 9	16°51	29° 8	19°51	6°11	1° 2	24°D35	1°42	26°59	25°55	24°49	n.a.	W 6
T 7	6 57 6	16°20'05	13♓ 5	12°10	18° 5	29°36	19°R51	6°17	1° 4	24°35	1°40	26°53	25°52	24°55	n.a.	T 7
F 8	7 1 3	17°18'33	27° 7	14°12	19°19	0♎ 4	19°51	6°23	1° 5	24°35	1°38	26°49	25°49	25° 2	n.a.	F 8
S 9	7 4 59	18°16'59	11♈13	16°15	20°33	0°31	19°50	6°29	1° 7	24°35	1°37	26°47	25°45	25° 9	n.a.	S 9
S 10	7 8 56	19°15'23	25°22	18°20	21°47	0°59	19°50	6°36	1° 8	24°36	1°35	26°D47	25°42	25°15	n.a.	S 10
M11	7 12 52	20°13'44	9♉31	20°25	23° 1	1°26	19°49	6°42	1°10	24°36	1°34	26°48	25°39	25°22	n.a.	M11
T 12	7 16 49	21°12'02	23°40	22°31	24°15	1°53	19°49	6°48	1°12	24°36	1°32	26°R49	25°36	25°29	n.a.	T 12
W13	7 20 45	22°10'19	7♊47	24°37	25°29	2°19	19°47	6°55	1°13	24°36	1°30	26°48	25°33	25°35	n.a.	W13
T 14	7 24 42	23° 8'33	21°50	26°44	26°43	2°45	19°46	7° 1	1°15	24°36	1°29	26°46	25°30	25°42	n.a.	T 14
F 15	7 28 38	24° 6'45	5♋44	28°51	27°57	3°12	19°45	7° 8	1°17	24°37	1°27	26°41	25°26	25°49	n.a.	F 15
S 16	7 32 35	25° 4'54	19°28	0♒58	29°11	3°37	19°43	7°14	1°19	24°37	1°25	26°34	25°23	25°55	n.a.	S 16
S 17	7 36 32	26° 3'02	2♌58	3° 4	0♒24	4° 3	19°42	7°21	1°21	24°37	1°24	26°24	25°20	26° 2	n.a.	S 17
M18	7 40 28	27° 1'08	16°11	5°10	1°38	4°28	19°40	7°28	1°23	24°38	1°22	26°14	25°17	26° 9	n.a.	M18
T 19	7 44 25	27°59'12	29° 7	7°14	2°52	4°53	19°37	7°35	1°25	24°38	1°20	26° 4	25°14	26°15	n.a.	T 19
W20	7 48 21	28°57'14	11♍43	9°17	4° 6	5°17	19°35	7°41	1°27	24°39	1°19	25°54	25°10	26°22	n.a.	W20
T 21	7 52 18	29°55'14	24° 3	11°18	5°20	5°41	19°33	7°48	1°29	24°39	1°17	25°47	25° 7	26°29	n.a.	T 21
F 22	7 56 14	0♒53'13	6♎ 9	13°18	6°34	6° 5	19°30	7°55	1°31	24°40	1°15	25°41	25° 4	26°35	n.a.	F 22
S 23	8 0 11	1°51'10	18° 5	15°15	7°48	6°29	19°27	8° 2	1°33	24°40	1°14	25°38	25° 1	26°42	n.a.	S 23
S 24	8 4 7	2°49'05	29°55	17° 9	9° 1	6°52	19°24	8° 9	1°35	24°41	1°12	25°D37	24°58	26°49	n.a.	S 24
M25	8 8 4	3°46'59	11♏44	19° 1	10°15	7°14	19°21	8°16	1°37	24°41	1°10	25°38	24°55	26°55	n.a.	M25
T 26	8 12 0	4°44'51	23°39	20°49	11°29	7°37	19°18	8°23	1°40	24°42	1° 8	25°R38	24°51	27° 2	n.a.	T 26
W27	8 15 57	5°42'42	5♐44	22°35	12°43	7°59	19°14	8°31	1°42	24°43	1° 7	25°38	24°48	27° 9	n.a.	W27
T 28	8 19 53	6♒40'31	18♐ 5	24♒16	13♒56	8♎20	19♍10	8♓38	1♈44	24♈43	1♌ 5	25♏35	24♏45	27♎15	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s41	21 s43	2n11	26 s 4	1 s58	25 s 2	1 s22	3n24	2n16	5n34	1n33	11 s57	2 s27	0 s 7	0 s32	8n27	1 s27	37n36	17n50	20 s10	19 s51	12 s11			n.a.
S 2	23 36	20 50	3 10	26 1	1 55	24 56	1 23	3 12	2 16	5 34	1 33	11 55	2 27	0 6	0 32	8 27	1 27	37 36	17 51	20 9	19 50	12 13			n.a.
S 3	23 31	18 50	4 0	25 55	1 53	24 49	1 23	3 0	2 16	5 34	1 33	11 52	2 27	0 6	0 32	8 27	1 26	37 37	17 51	20 7	19 49	12 15			n.a.
M 4	23 25	15 48	4 38	25 47	1 50	24 41	1 23	2 48	2 15	5 34	1 34	11 50	2 26	0 5	0 32	8 27	1 26	37 37	17 51	20 6	19 48	12 17			n.a.
T 5	23 19	11 53	5 1	25 37	1 46	24 33	1 23	2 36	2 15	5 34	1 34	11 47	2 26	0 4	0 32	8 27	1 26	37 38	17 51	20 4	19 47	12 18			n.a.
W 6	23 12	7 18	5 8	25 24	1 41	24 24	1 24	2 25	2 15	5 34	1 34	11 45	2 26	0 4	0 32	8 27	1 26	37 39	17 51	20 2	19 47	12 20			n.a.
T 7	23 5	2 18	4 56	25 8	1 36	24 14	1 24	2 13	2 15	5 34	1 34	11 42	2 26	0 3	0 32	8 27	1 26	37 39	17 51	20 1	19 46	12 22			n.a.
F 8	22 57	2n52	4 26	24 50	1 31	24 3	1 24	2 1	2 15	5 34	1 34	11 40	2 25	0 3	0 32	8 27	1 26	37 40	17 52	20 0	19 45	12 24			n.a.
S 9	22 49	7 55	3 40	24 30	1 25	23 52	1 24	1 50	2 14	5 35	1 35	11 37	2 25	0 2	0 32	8 28	1 26	37 40	17 52	19 59	19 44	12 26			n.a.
S 10	22 41	12 34	2 41	24 6	1 18	23 40	1 24	1 38	2 14	5 35	1 35	11 35	2 25	0 1	0 32	8 28	1 26	37 41	17 52	19 59	19 44	12 27			n.a.
M11	22 32	16 31	1 32	23 40	1 11	23 27	1 23	1 27	2 14	5 35	1 35	11 32	2 25	0 0	0 32	8 28	1 26	37 41	17 52	19 59	19 43	12 29			n.a.
T 12	22 23	19 29	0 17	23 12	1 3	23 14	1 23	1 16	2 13	5 36	1 35	11 29	2 25	0n 0	0 32	8 28	1 26	37 42	17 52	20 0	19 42	12 31			n.a.
W13	22 14	21 16	0 s59	22 41	0 54	23 0	1 23	1 5	2 13	5 36	1 35	11 27	2 24	0 1	0 32	8 28	1 26	37 42	17 52	19 59	19 41	12 33			n.a.
T 14	22 4	21 41	2 10	22 8	0 45	22 45	1 23	0 54	2 13	5 37	1 36	11 24	2 24	0 2	0 32	8 28	1 26	37 43	17 52	19 59	19 40	12 35			n.a.
F 15	21 54	20 46	3 13	21 33	0 36	22 30	1 22	0 43	2 12	5 38	1 36	11 21	2 24	0 2	0 32	8 28	1 26	37 43	17 53	19 58	19 40	12 37			n.a.
S 16	21 43	18 38	4 4	20 55	0 26	22 14	1 22	0 32	2 12	5 39	1 36	11 19	2 24	0 3	0 32	8 29	1 26	37 44	17 53	19 56	19 39	12 38			n.a.
S 17	21 32	15 31	4 40	20 16	0 15	21 57	1 21	0 21	2 11	5 40	1 36	11 16	2 24	0 4	0 32	8 29	1 26	37 44	17 53	19 54	19 38	12 40			n.a.
M18	21 20	11 40	5 0	19 35	0 5	21 40	1 21	0 10	2 11	5 40	1 36	11 13	2 23	0 5	0 32	8 29	1 26	37 45	17 53	19 51	19 37	12 42			n.a.
T 19	21 9	7 23	5 4	18 53	0n 6	21 22	1 20	0 s 0	2 10	5 41	1 37	11 10	2 23	0 6	0 32	8 29	1 26	37 45	17 53	19 49	19 37	12 44			n.a.
W20	20 57	2 52	4 53	18 9	0 17	21 3	1 19	0 11	2 10	5 43	1 37	11 7	2 23	0 7	0 32	8 29	1 25	37 46	17 53	19 46	19 36	12 45			n.a.
T 21	20 44	1 s40	4 28	17 25	0 29	20 44	1 18	0 21	2 9	5 44	1 37	11 5	2 23	0 7	0 32	8 30	1 25	37 46	17 53	19 45	19 35	12 47			n.a.
F 22	20 31	6 3	3 52	16 40	0 40	20 24	1 18	0 32	2 9	5 45	1 37	11 2	2 23	0 8	0 32	8 30	1 25	37 47	17 53	19 43	19 34	12 49			n.a.
S 23	20 18	10 8	3 6	15 54	0 51	20 4	1 17	0 42	2 8	5 46	1 37	10 59	2 23	0 9	0 32	8 30	1 25	37 47	17 53	19 43	19 33	12 51			n.a.
S 24	20 5	13 49	2 13	15 8	1 3	19 43	1 16	0 52	2 7	5 48	1 37	10 56	2 22	0 10	0 31	8 30	1 25	37 48	17 53	19 42	19 33	12 53			n.a.
M25	19 51	16 57	1 13	14 23	1 14	19 22	1 15	1 2	2 6	5 49	1 38	10 53	2 22	0 11	0 31	8 31	1 25	37 48	17 53	19 42	19 32	12 54			n.a.
T 26	19 37	19 23	0 11	13 37	1 25	19 0	1 14	1 11	2 6	5 51	1 38	10 50	2 22	0 12	0 31	8 31	1 25	37 48	17 53	19 43	19 31	12 56			n.a.
W27	19 22	20 59	0n54	12 53	1 35	18 38	1 13	1 21	2 5	5 52	1 38	10 47	2 22	0 13	0 31	8 31	1 25	37 49	17 53	19 42	19 30	12 58			n.a.
T 28	19 s 8	21 s38	1n57	12 s 9	1n45	18 s15	1 s11	1 s30	2n 4	5n54	1n38	10 s45	2 s22	0n14	0 s31	8n32	1 s25	37n49	17n53	19 s42	19 s29	13 s 0			n.a.

Julian Day Number = 192517.5, Delta T = 32h25m19s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'45, Lahiri = -61°27'45 Julian Calendar 1 Feb. 4186 BCE == Greg. Calendar 30 Dec. 4187 BCE

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

MARCH 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 23 50	7♒38'19	0♉44	25♒55	15♒10	8♎42	19°R 6	8♓45	1♈47	24♈44	1°R 3	25°R31	24♏42	27♎22	n.a.	F 1
S 2	8 27 46	8°36'05	13°44	27°29	16°24	9° 2	19♍ 2	8°52	1°49	24°45	1♌ 2	25♏24	24°39	27°28	n.a.	S 2
S 3	8 31 43	9°33'50	27° 7	29° 0	17°38	9°23	18°58	9° 0	1°52	24°46	1° 0	25°14	24°36	27°35	n.a.	S 3
M 4	8 35 40	10°31'33	10♒50	0♓27	18°51	9°43	18°54	9° 7	1°54	24°47	0°58	25° 3	24°32	27°42	n.a.	M 4
T 5	8 39 36	11°29'15	24°51	1°50	20° 5	10° 2	18°49	9°14	1°57	24°48	0°57	24°52	24°29	27°48	n.a.	T 5
W 6	8 43 33	12°26'54	9♓ 5	3° 8	21°19	10°21	18°45	9°22	1°59	24°48	0°55	24°41	24°26	27°55	n.a.	W 6
T 7	8 47 29	13°24'32	23°26	4°23	22°33	10°39	18°40	9°29	2° 2	24°49	0°54	24°32	24°23	28° 2	n.a.	T 7
F 8	8 51 26	14°22'08	7♈48	5°33	23°46	10°57	18°35	9°37	2° 5	24°50	0°52	24°26	24°20	28° 8	n.a.	F 8
S 9	8 55 22	15°19'43	22° 8	6°39	25° 0	11°15	18°30	9°44	2° 7	24°51	0°50	24°22	24°16	28°15	n.a.	S 9
S 10	8 59 19	16°17'15	6♉22	7°41	26°14	11°32	18°24	9°52	2°10	24°52	0°49	24°21	24°13	28°22	n.a.	S 10
M11	9 3 15	17°14'46	20°28	8°39	27°27	11°49	18°19	9°59	2°13	24°53	0°47	24°21	24°10	28°28	n.a.	M11
T 12	9 7 12	18°12'16	4♊26	9°31	28°41	12° 5	18°13	10° 7	2°15	24°54	0°45	24°20	24° 7	28°35	n.a.	T 12
W13	9 11 8	19° 9'43	18°14	10°20	29°54	12°20	18° 8	10°15	2°18	24°56	0°44	24°19	24° 4	28°42	n.a.	W13
T 14	9 15 5	20° 7'09	1♋54	11° 4	1♓ 8	12°35	18° 2	10°22	2°21	24°57	0°42	24°15	24° 1	28°48	n.a.	T 14
F 15	9 19 2	21° 4'33	15°25	11°43	2°22	12°50	17°56	10°30	2°24	24°58	0°41	24° 9	23°57	28°55	n.a.	F 15
S 16	9 22 58	22° 1'56	28°45	12°17	3°35	13° 3	17°50	10°38	2°27	24°59	0°39	24° 0	23°54	29° 2	n.a.	S 16
S 17	9 26 55	22°59'18	11♌53	12°47	4°49	13°17	17°44	10°45	2°30	25° 0	0°38	23°48	23°51	29° 8	n.a.	S 17
M18	9 30 51	23°56'38	24°48	13°12	6° 2	13°29	17°37	10°53	2°33	25° 1	0°36	23°36	23°48	29°15	n.a.	M18
T 19	9 34 48	24°53'56	7♍29	13°32	7°16	13°42	17°31	11° 1	2°36	25° 3	0°35	23°23	23°45	29°22	n.a.	T 19
W20	9 38 44	25°51'14	19°55	13°47	8°29	13°53	17°24	11° 9	2°39	25° 4	0°33	23°11	23°41	29°28	n.a.	W20
T 21	9 42 41	26°48'30	2♎ 9	13°57	9°43	14° 4	17°18	11°17	2°42	25° 5	0°32	23° 1	23°38	29°35	n.a.	T 21
F 22	9 46 37	27°45'46	14°11	14° 3	10°56	14°14	17°11	11°24	2°45	25° 7	0°30	22°54	23°35	29°42	n.a.	F 22
S 23	9 50 34	28°43'00	26° 4	14°R 4	12°10	14°24	17° 4	11°32	2°48	25° 8	0°29	22°49	23°32	29°48	n.a.	S 23
S 24	9 54 30	29°40'14	7♏53	14° 0	13°23	14°33	16°57	11°40	2°51	25°10	0°27	22°47	23°29	29°55	n.a.	S 24
M25	9 58 27	0♓37'27	19°42	13°52	14°36	14°41	16°50	11°48	2°54	25°11	0°26	22°D46	23°26	0♏ 2	n.a.	M25
T 26	10 2 24	1°34'39	1♐36	13°40	15°50	14°49	16°43	11°56	2°57	25°12	0°25	22°R46	23°22	0° 8	n.a.	T 26
W27	10 6 20	2°31'51	13°41	13°23	17° 3	14°56	16°36	12° 4	3° 1	25°14	0°23	22°46	23°19	0°15	n.a.	W27
T 28	10 10 17	3°29'02	26° 3	13° 3	18°17	15° 2	16°29	12°12	3° 4	25°15	0°22	22°44	23°16	0°22	n.a.	T 28
F 29	10 14 13	4°26'12	8♑45	12°40	19°30	15° 7	16°22	12°20	3° 7	25°17	0°21	22°40	23°13	0°28	n.a.	F 29
S 30	10 18 10	5°23'22	21°51	12°13	20°44	15°12	16°14	12°28	3°10	25°18	0°19	22°34	23°10	0°35	n.a.	S 30
S 31	10 22 6	6♓20'31	5♒23	11♓44	21♓57	15♎16	16♍ 7	12♓36	3♈13	25♈20	0♌18	22♏25	23♏ 7	0♏42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s52	21s12	2n55	11s26	1n55	17s51	1s10	1s40	2n 3	5n55	1n38	10s42	2s22	0n15	0s31	8n32	1s25	37n50	17n53	19s41	19s29	13s 1		n.a.
S 2	18 37	19 38	3 46	10 45	2 5	17 27	1 9	1 49	2 2	5 57	1 38	10 39	2 21	0 16	0 31	8 32	1 25	37 50	17 53	19 39	19 28	13 3		n.a.
S 3	18 21	16 58	4 26	10 4	2 13	17 3	1 8	1 58	2 1	5 59	1 38	10 36	2 21	0 17	0 31	8 33	1 25	37 50	17 52	19 37	19 27	13 5		n.a.
M 4	18 5	13 19	4 52	9 26	2 21	16 38	1 6	2 7	2 0	6 1	1 39	10 33	2 21	0 18	0 31	8 33	1 25	37 51	17 52	19 34	19 26	13 7		n.a.
T 5	17 49	8 53	5 1	8 49	2 29	16 13	1 5	2 16	1 59	6 3	1 39	10 30	2 21	0 19	0 31	8 33	1 25	37 51	17 52	19 31	19 25	13 8		n.a.
W 6	17 33	3 53	4 52	8 13	2 36	15 47	1 3	2 24	1 58	6 5	1 39	10 27	2 21	0 20	0 31	8 34	1 25	37 51	17 52	19 28	19 25	13 10		n.a.
T 7	17 16	1n21	4 24	7 40	2 42	15 21	1 2	2 33	1 57	6 7	1 39	10 24	2 21	0 21	0 31	8 34	1 25	37 52	17 52	19 26	19 24	13 12		n.a.
F 8	16 59	6 32	3 40	7 9	2 48	14 55	1 0	2 41	1 56	6 9	1 39	10 21	2 21	0 22	0 31	8 35	1 25	37 52	17 52	19 25	19 23	13 14		n.a.
S 9	16 41	11 21	2 42	6 39	2 52	14 28	0 58	2 49	1 54	6 11	1 39	10 18	2 21	0 24	0 31	8 35	1 24	37 52	17 52	19 24	19 22	13 15		n.a.
S 10	16 24	15 29	1 34	6 12	2 56	14 1	0 57	2 57	1 53	6 13	1 39	10 15	2 20	0 25	0 31	8 35	1 24	37 52	17 52	19 23	19 21	13 17		n.a.
M11	16 6	18 42	0 21	5 48	2 59	13 33	0 55	3 5	1 52	6 16	1 39	10 11	2 20	0 26	0 31	8 36	1 24	37 53	17 51	19 23	19 21	13 19		n.a.
T 12	15 48	20 45	0s53	5 26	3 1	13 5	0 53	3 13	1 50	6 18	1 39	10 8	2 20	0 27	0 31	8 36	1 24	37 53	17 51	19 23	19 20	13 20		n.a.
W13	15 30	21 32	2 3	5 6	3 3	12 37	0 51	3 21	1 49	6 20	1 39	10 5	2 20	0 28	0 31	8 37	1 24	37 53	17 51	19 23	19 19	13 22		n.a.
T 14	15 11	21 1	3 5	4 49	3 3	12 9	0 50	3 28	1 47	6 23	1 40	10 2	2 20	0 29	0 31	8 37	1 24	37 53	17 51	19 22	19 18	13 24		n.a.
F 15	14 52	19 18	3 55	4 34	3 2	11 40	0 48	3 35	1 46	6 25	1 40	9 59	2 20	0 31	0 31	8 38	1 24	37 53	17 51	19 20	19 17	13 26		n.a.
S 16	14 33	16 33	4 32	4 22	3 1	11 11	0 46	3 42	1 44	6 28	1 40	9 56	2 20	0 32	0 31	8 38	1 24	37 54	17 50	19 18	19 17	13 27		n.a.
S 17	14 14	13 1	4 54	4 13	2 58	10 41	0 44	3 49	1 43	6 30	1 40	9 53	2 20	0 33	0 31	8 39	1 24	37 54	17 50	19 15	19 16	13 29		n.a.
M18	13 55	8 55	5 0	4 7	2 54	10 12	0 42	3 56	1 41	6 33	1 40	9 50	2 20	0 34	0 31	8 39	1 24	37 54	17 50	19 12	19 15	13 31		n.a.
T 19	13 35	4 31	4 52	4 3	2 50	9 42	0 40	4 2	1 39	6 35	1 40	9 47	2 20	0 35	0 31	8 40	1 24	37 54	17 50	19 9	19 14	13 32		n.a.
W20	13 15	0s 0	4 29	4 3	2 44	9 12	0 37	4 8	1 37	6 38	1 40	9 44	2 19	0 37	0 31	8 40	1 24	37 54	17 49	19 5	19 13	13 34		n.a.
T 21	12 55	4 26	3 54	4 5	2 37	8 41	0 35	4 15	1 35	6 41	1 40	9 40	2 19	0 38	0 31	8 41	1 24	37 54	17 49	19 3	19 13	13 36		n.a.
F 22	12 35	8 38	3 9	4 10	2 29	8 11	0 33	4 20	1 33	6 44	1 40	9 37	2 19	0 39	0 31	8 41	1 24	37 54	17 49	19 1	19 12	13 37		n.a.
S 23	12 15	12 27	2 17	4 18	2 20	7 40	0 31	4 26	1 31	6 46	1 40	9 34	2 19	0 41	0 31	8 42	1 24	37 55	17 49	19 0	19 11	13 39		n.a.
S 24	11 54	15 45	1 18	4 29	2 10	7 9	0 29	4 32	1 29	6 49	1 40	9 31	2 19	0 42	0 31	8 43	1 24	37 55	17 48	18 59	19 10	13 41		n.a.
M25	11 34	18 25	0 16	4 42	1 59	6 38	0 26	4 37	1 27	6 52	1 40	9 28	2 19	0 43	0 31	8 43	1 24	37 55	17 48	18 59	19 9	13 42		n.a.
T 26	11 13	20 18	0n47	4 58	1 46	6 6	0 24	4 42	1 25	6 55	1 40	9 25	2 19	0 44	0 31	8 44	1 24	37 55	17 48	18 59	19 8	13 44		n.a.
W27	10 52	21 17	1 49	5 17	1 33	5 35	0 22	4 47	1 22	6 58	1 40	9 21	2 19	0 46	0 31	8 44	1 24	37 55	17 47	18 59	19 8	13 46		n.a.
T 28	10 30	21 16	2 47	5 37	1 19	5 3	0 19	4 52	1 20	7 0	1 40	9 18	2 19	0 47	0 31	8 45	1 23	37 55	17 47	18 58	19 7	13 47		n.a.
F 29	10 9	20 11	3 38	6 0	1 5	4 32	0 17	4 56	1 17	7 3	1 40	9 15	2 19	0 48	0 31	8 46	1 23	37 55	17 47	18 57	19 6	13 49		n.a.
S 30	9 48	18 0	4 20	6 24	0 50	4 0	0 15	5 0	1 15	7 6	1 40	9 12	2 19	0 50	0 31	8 46	1 23	37 55	17 46	18 56	19 5	13 51		n.a.
S 31	9s26	14s47	4n49	6s50	0n34	3s28	0s12	5s 4	1n12	7n 9	1n40	9s 9	2s19	0n51	0s31	8n47	1s23	37n55	17n46	18s54	19s 4	13s52		n.a.

Julian Day Number = 192545.5, Delta T = 32h25m16s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'42, Lahiri = -61°27'41 Julian Calendar 1 March 4186 BCE == Greg. Calendar 27 Jan. 4186 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

APRIL 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 26 3	7♓17'39	19♒21	11°R14	23♓10	15♎20	16°R 0	12♓44	3♈17	25♈22	0°R17	22°R15	23♏ 3	0♏48	n.a.	M 1
T 2	10 29 59	8°14'47	3♓41	10♓41	24°24	15°22	15♍52	12°52	3°20	25°23	0♌15	22♏ 4	23° 0	0°55	n.a.	T 2
W 3	10 33 56	9°11'53	18°18	10° 8	25°37	15°24	15°45	13° 0	3°23	25°25	0°14	21°54	22°57	1° 2	n.a.	W 3
T 4	10 37 53	10° 8'59	3♈ 3	9°34	26°50	15°25	15°37	13° 8	3°27	25°27	0°13	21°45	22°54	1° 8	n.a.	T 4
F 5	10 41 49	11° 6'05	17°49	9° 1	28° 4	15°R25	15°29	13°16	3°30	25°28	0°12	21°39	22°51	1°15	n.a.	F 5
S 6	10 45 46	12° 3'09	2♉29	8°28	29°17	15°25	15°22	13°24	3°34	25°30	0°11	21°36	22°47	1°22	n.a.	S 6
S 7	10 49 42	13° 0'13	16°57	7°57	0♈30	15°24	15°14	13°32	3°37	25°32	0°10	21°D34	22°44	1°28	n.a.	S 7
M 8	10 53 39	13°57'15	1♊11	7°27	1°43	15°22	15° 7	13°40	3°40	25°33	0° 9	21°35	22°41	1°35	n.a.	M 8
T 9	10 57 35	14°54'17	15° 9	7° 0	2°57	15°19	14°59	13°48	3°44	25°35	0° 7	21°R35	22°38	1°42	n.a.	T 9
W10	11 1 32	15°51'19	28°51	6°35	4°10	15°16	14°51	13°56	3°47	25°37	0° 6	21°34	22°35	1°48	n.a.	W10
T 11	11 5 29	16°48'19	12♋18	6°14	5°23	15°12	14°44	14° 4	3°51	25°39	0° 5	21°32	22°32	1°55	n.a.	T 11
F 12	11 9 25	17°45'19	25°31	5°57	6°36	15° 7	14°36	14°12	3°54	25°41	0° 4	21°27	22°28	2° 2	n.a.	F 12
S 13	11 13 22	18°42'18	8♌31	5°43	7°49	15° 1	14°28	14°20	3°58	25°43	0° 3	21°19	22°25	2° 8	n.a.	S 13
S 14	11 17 18	19°39'16	21°19	5°33	9° 3	14°55	14°21	14°28	4° 1	25°44	0° 2	21°10	22°22	2°15	n.a.	S 14
M15	11 21 15	20°36'14	3♍55	5°28	10°16	14°48	14°13	14°36	4° 5	25°46	0° 2	20°59	22°19	2°21	n.a.	M15
T 16	11 25 11	21°33'12	16°19	5°D27	11°29	14°40	14° 6	14°44	4° 8	25°48	0° 1	20°49	22°16	2°28	n.a.	T 16
W17	11 29 8	22°30'09	28°33	5°31	12°42	14°32	13°58	14°52	4°12	25°50	29♋59	20°39	22°12	2°35	n.a.	W17
T 18	11 33 4	23°27'06	10♎37	5°39	13°55	14°23	13°51	14°59	4°15	25°52	29°59	20°31	22° 9	2°41	n.a.	T 18
F 19	11 37 1	24°24'03	22°33	5°52	15° 8	14°13	13°43	15° 7	4°19	25°54	29°58	20°25	22° 6	2°48	n.a.	F 19
S 20	11 40 58	25°21'00	4♏23	6°10	16°21	14° 2	13°36	15°15	4°22	25°56	29°57	20°22	22° 3	2°55	n.a.	S 20
S 21	11 44 54	26°17'58	16°10	6°32	17°34	13°51	13°29	15°23	4°26	25°58	29°57	20°D20	22° 0	3° 1	n.a.	S 21
M22	11 48 51	27°14'55	27°58	6°59	18°47	13°40	13°22	15°31	4°29	26° 0	29°56	20°20	21°57	3° 8	n.a.	M22
T 23	11 52 47	28°11'52	9♐53	7°31	20° 0	13°28	13°14	15°39	4°33	26° 2	29°55	20°21	21°53	3°15	n.a.	T 23
W24	11 56 44	29° 8'50	21°57	8° 7	21°13	13°15	13° 7	15°47	4°36	26° 4	29°55	20°22	21°50	3°21	n.a.	W24
T 25	12 0 40	0♈ 5'48	4♑17	8°48	22°26	13° 2	13° 0	15°55	4°40	26° 6	29°54	20°R22	21°47	3°28	n.a.	T 25
F 26	12 4 37	1° 2'47	16°58	9°33	23°39	12°48	12°53	16° 3	4°44	26° 8	29°53	20°21	21°44	3°35	n.a.	F 26
S 27	12 8 34	1°59'45	0♒ 4	10°22	24°52	12°33	12°46	16°10	4°47	26°10	29°53	20°18	21°41	3°41	n.a.	S 27
S 28	12 12 30	2°56'45	13°37	11°16	26° 5	12°19	12°40	16°18	4°51	26°12	29°52	20°13	21°38	3°48	n.a.	S 28
M29	12 16 27	3°53'44	27°38	12°14	27°18	12° 4	12°33	16°26	4°54	26°14	29°52	20° 7	21°34	3°55	n.a.	M29
T 30	12 20 23	4♈50'44	12♓ 5	13♓16	28♈31	11♎48	12♍26	16♓34	4♈58	26♈16	29♋51	20♏ 0	21♏31	4♏ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9s 4	10s40	5n 2	7s17	0n18	2s56	0s10	5s 8	1n 9	7n12	1n40	9s 5	2s19	0n52	0s31	8n47	1s23	37n55	17n46	18s51	19s 3	13s54		n.a.
T 2	8 42	5 51	4 56	7 45	0 1	2 24	0 7	5 12	1 7	7 15	1 40	9 2	2 19	0 54	0 31	8 48	1 23	37 55	17 45	18 48	19 3	13 56		n.a.
W 3	8 20	0 37	4 31	8 13	0s16	1 52	0 5	5 15	1 4	7 18	1 40	8 59	2 19	0 55	0 31	8 49	1 23	37 55	17 45	18 45	19 2	13 57		n.a.
T 4	7 58	4n43	3 48	8 42	0 32	1 20	0 2	5 18	1 1	7 21	1 40	8 56	2 19	0 57	0 30	8 49	1 23	37 55	17 45	18 43	19 1	13 59		n.a.
F 5	7 36	9 46	2 49	9 10	0 49	0 47	0n 0	5 21	0 58	7 24	1 40	8 53	2 18	0 58	0 30	8 50	1 23	37 54	17 44	18 41	19 0	14 0		n.a.
S 6	7 14	14 14	1 40	9 37	1 5	0 15	0 3	5 24	0 55	7 27	1 40	8 49	2 18	0 59	0 30	8 51	1 23	37 54	17 44	18 40	18 59	14 2		n.a.
S 7	6 51	17 46	0 25	10 4	1 20	0n17	0 5	5 26	0 52	7 30	1 39	8 46	2 18	1 1	0 30	8 51	1 23	37 54	17 43	18 40	18 59	14 4		n.a.
M 8	6 29	20 9	0s51	10 29	1 35	0 49	0 8	5 29	0 48	7 33	1 39	8 43	2 18	1 2	0 30	8 52	1 23	37 54	17 43	18 40	18 58	14 5		n.a.
T 9	6 6	21 14	2 2	10 53	1 50	1 22	0 10	5 31	0 45	7 36	1 39	8 40	2 18	1 4	0 30	8 53	1 23	37 54	17 43	18 40	18 57	14 7		n.a.
W10	5 44	21 2	3 5	11 14	2 3	1 54	0 13	5 32	0 42	7 39	1 39	8 37	2 18	1 5	0 30	8 54	1 23	37 54	17 42	18 40	18 56	14 9		n.a.
T 11	5 21	19 36	3 56	11 34	2 16	2 26	0 15	5 34	0 38	7 42	1 39	8 34	2 18	1 6	0 30	8 54	1 23	37 54	17 42	18 39	18 55	14 10		n.a.
F 12	4 58	17 9	4 34	11 51	2 27	2 58	0 18	5 35	0 35	7 45	1 39	8 30	2 18	1 8	0 30	8 55	1 23	37 53	17 41	18 38	18 54	14 12		n.a.
S 13	4 35	13 53	4 57	12 6	2 38	3 30	0 20	5 36	0 31	7 47	1 39	8 27	2 18	1 9	0 30	8 56	1 23	37 53	17 41	18 36	18 54	14 13		n.a.
S 14	4 12	10 0	5 4	12 19	2 47	4 2	0 23	5 37	0 27	7 50	1 39	8 24	2 18	1 11	0 30	8 56	1 23	37 53	17 40	18 33	18 53	14 15		n.a.
M15	3 49	5 46	4 57	12 29	2 56	4 34	0 25	5 38	0 23	7 53	1 39	8 21	2 18	1 12	0 30	8 57	1 23	37 53	17 40	18 31	18 52	14 17		n.a.
T 16	3 26	1 20	4 35	12 36	3 3	5 6	0 28	5 38	0 20	7 56	1 38	8 18	2 18	1 14	0 30	8 58	1 23	37 53	17 39	18 28	18 51	14 18		n.a.
W17	3 3	3s 4	4 1	12 40	3 9	5 37	0 31	5 39	0 16	7 59	1 38	8 14	2 18	1 15	0 30	8 59	1 23	37 52	17 39	18 25	18 50	14 20		n.a.
T 18	2 40	7 19	3 16	12 41	3 14	6 9	0 33	5 39	0 12	8 2	1 38	8 11	2 18	1 17	0 30	8 59	1 23	37 52	17 38	18 23	18 49	14 21		n.a.
F 19	2 17	11 13	2 24	12 40	3 18	6 40	0 36	5 38	0 8	8 4	1 38	8 8	2 18	1 18	0 30	9 0	1 23	37 52	17 38	18 21	18 48	14 23		n.a.
S 20	1 54	14 40	1 25	12 36	3 21	7 11	0 38	5 38	0 4	8 7	1 38	8 5	2 18	1 19	0 30	9 1	1 23	37 51	17 37	18 20	18 48	14 24		n.a.
S 21	1 31	17 30	0 22	12 29	3 23	7 42	0 40	5 37	0s 1	8 10	1 38	8 2	2 18	1 21	0 30	9 2	1 22	37 51	17 37	18 20	18 47	14 26		n.a.
M22	1 7	19 36	0n41	12 19	3 23	8 13	0 43	5 37	0 5	8 13	1 37	7 59	2 18	1 22	0 30	9 2	1 22	37 51	17 36	18 20	18 46	14 28		n.a.
T 23	0 44	20 51	1 43	12 7	3 23	8 44	0 45	5 36	0 9	8 15	1 37	7 56	2 18	1 24	0 30	9 3	1 22	37 51	17 36	18 20	18 45	14 29		n.a.
W24	0 21	21 10	2 42	11 52	3 22	9 14	0 48	5 35	0 13	8 18	1 37	7 53	2 18	1 25	0 30	9 4	1 22	37 50	17 35	18 20	18 44	14 31		n.a.
T 25	0n 2	20 28	3 35	11 34	3 20	9 45	0 50	5 33	0 18	8 21	1 37	7 49	2 18	1 27	0 30	9 5	1 22	37 50	17 35	18 20	18 43	14 32		n.a.
F 26	0 26	18 44	4 18	11 14	3 17	10 15	0 52	5 32	0 22	8 23	1 37	7 46	2 18	1 28	0 30	9 6	1 22	37 50	17 34	18 20	18 43	14 34		n.a.
S 27	0 49	15 59	4 50	10 51	3 13	10 44	0 55	5 30	0 26	8 26	1 36	7 43	2 19	1 30	0 30	9 6	1 22	37 49	17 34	18 19	18 42	14 35		n.a.
S 28	1 12	12 19	5 7	10 26	3 9	11 14	0 57	5 28	0 31	8 28	1 36	7 40	2 19	1 31	0 30	9 7	1 22	37 49	17 33	18 18	18 41	14 37		n.a.
M29	1 35	7 51	5 6	9 58	3 3	11 43	0 59	5 26	0 35	8 30	1 36	7 37	2 19	1 33	0 30	9 8	1 22	37 48	17 33	18 16	18 40	14 39		n.a.
T 30	1n59	2s50	4n46	9s28	2s57	12n12	1n 2	5s24	0s40	8n33	1n36	7s34	2s19	1n34	0s30	9n 9	1s22	37n48	17n32	18s14	18s39	14s40		n.a.

Julian Day Number = 192576.5, Delta T = 32h25m13s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'38, Lahiri = -61°27'37 Julian Calendar 1 Apr. 4186 BCE == Greg. Calendar 27 Feb. 4186 BCE

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

MAY 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 24 20	5♈47'44	26♓53	14♓22	29♈44	11°R33	12°R20	16♓41	5♈ 2	26♈18	29°R51	19°R53	21♏28	4♏ 8	n.a.	W 1
T 2	12 28 17	6°44'45	11♈53	15°33	0♉57	11♎17	12♍13	16°49	5° 5	26°21	29♋51	19♏48	21°25	4°15	n.a.	T 2
F 3	12 32 13	7°41'46	26°58	16°47	2°10	11° 0	12° 7	16°57	5° 9	26°23	29°50	19°44	21°22	4°21	n.a.	F 3
S 4	12 36 10	8°38'47	11♉57	18° 5	3°22	10°44	12° 1	17° 4	5°12	26°25	29°50	19°42	21°18	4°28	n.a.	S 4
S 5	12 40 6	9°35'48	26°44	19°27	4°35	10°28	11°55	17°12	5°16	26°27	29°50	19°D42	21°15	4°35	n.a.	S 5
M 6	12 44 3	10°32'50	11♊12	20°53	5°48	10°11	11°49	17°20	5°19	26°29	29°49	19°43	21°12	4°41	n.a.	M 6
T 7	12 47 59	11°29'52	25°19	22°23	7° 1	9°55	11°43	17°27	5°23	26°31	29°49	19°45	21° 9	4°48	n.a.	T 7
W 8	12 51 56	12°26'54	9♋ 5	23°57	8°14	9°38	11°38	17°35	5°27	26°33	29°49	19°R46	21° 6	4°54	n.a.	W 8
T 9	12 55 53	13°23'56	22°29	25°34	9°26	9°22	11°32	17°42	5°30	26°36	29°49	19°45	21° 3	5° 1	n.a.	T 9
F 10	12 59 49	14°20'59	5♌34	27°14	10°39	9° 5	11°27	17°50	5°34	26°38	29°49	19°43	20°59	5° 8	n.a.	F 10
S 11	13 3 46	15°18'01	18°21	28°58	11°52	8°49	11°22	17°57	5°37	26°40	29°48	19°40	20°56	5°14	n.a.	S 11
S 12	13 7 42	16°15'05	0♍55	0♈45	13° 4	8°33	11°17	18° 4	5°41	26°42	29°48	19°36	20°53	5°21	n.a.	S 12
M13	13 11 39	17°12'08	13°16	2°35	14°17	8°17	11°12	18°12	5°44	26°44	29°D48	19°30	20°50	5°28	n.a.	M13
T 14	13 15 35	18° 9'12	25°26	4°28	15°30	8° 2	11° 7	18°19	5°48	26°47	29°48	19°25	20°47	5°34	n.a.	T 14
W15	13 19 32	19° 6'17	7♎28	6°24	16°42	7°47	11° 2	18°26	5°51	26°49	29°48	19°20	20°43	5°41	n.a.	W15
T 16	13 23 29	20° 3'23	19°24	8°22	17°55	7°32	10°58	18°34	5°55	26°51	29°48	19°16	20°40	5°48	n.a.	T 16
F 17	13 27 25	21° 0'29	1♏14	10°22	19° 7	7°17	10°53	18°41	5°58	26°53	29°49	19°13	20°37	5°54	n.a.	F 17
S 18	13 31 22	21°57'37	13° 2	12°24	20°20	7° 4	10°49	18°48	6° 2	26°55	29°49	19°12	20°34	6° 1	n.a.	S 18
S 19	13 35 18	22°54'45	24°50	14°28	21°32	6°50	10°45	18°55	6° 5	26°58	29°49	19°D12	20°31	6° 8	n.a.	S 19
M20	13 39 15	23°51'54	6♐40	16°33	22°45	6°37	10°41	19° 2	6° 9	27° 0	29°49	19°13	20°28	6°14	n.a.	M20
T 21	13 43 11	24°49'05	18°36	18°39	23°57	6°25	10°38	19° 9	6°12	27° 2	29°49	19°14	20°24	6°21	n.a.	T 21
W22	13 47 8	25°46'16	0♑43	20°45	25°10	6°13	10°34	19°16	6°16	27° 4	29°50	19°16	20°21	6°28	n.a.	W22
T 23	13 51 5	26°43'29	13° 4	22°52	26°22	6° 1	10°31	19°23	6°19	27° 7	29°50	19°17	20°18	6°34	n.a.	T 23
F 24	13 55 1	27°40'44	25°43	24°59	27°35	5°51	10°28	19°30	6°23	27° 9	29°50	19°R18	20°15	6°41	n.a.	F 24
S 25	13 58 58	28°37'59	8♒45	27° 5	28°47	5°41	10°25	19°37	6°26	27°11	29°51	19°17	20°12	6°48	n.a.	S 25
S 26	14 2 54	29°35'16	22°13	29°11	29°59	5°31	10°22	19°44	6°29	27°13	29°51	19°16	20° 9	6°54	n.a.	S 26
M27	14 6 51	0♉32'35	6♓ 8	1♉17	1♊12	5°23	10°19	19°50	6°33	27°15	29°52	19°14	20° 5	7° 1	n.a.	M27
T 28	14 10 47	1°29'54	20°29	3°21	2°24	5°15	10°17	19°57	6°36	27°18	29°52	19°12	20° 2	7° 8	n.a.	T 28
W29	14 14 44	2°27'15	5♈14	5°25	3°36	5° 8	10°15	20° 4	6°39	27°20	29°52	19°10	19°59	7°14	n.a.	W29
T 30	14 18 41	3°24'38	20°16	7°28	4°49	5° 1	10°12	20°10	6°43	27°22	29°53	19° 8	19°56	7°21	n.a.	T 30
F 31	14 22 37	4♉22'02	5♉27	9♉29	6♊ 1	4♎56	10♍11	20♓17	6♈46	27♈24	29♋54	19♏ 7	19♏53	7♏27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	2n22	2n29	4n 7	8s56	2s50	12n41	1n 4	5s22	0s44	8n35	1n35	7s31	2s19	1n36	0s30	9n10	1s22	37n48	17n32	18s12	18s38	14s42			n.a.
T 2	2 45	7 44	3 11	8 21	2 43	13 9	1 6	5 20	0 49	8 37	1 35	7 28	2 19	1 37	0 30	9 10	1 22	37 47	17 31	18 11	18 37	14 43			n.a.
F 3	3 8	12 32	2 0	7 44	2 35	13 37	1 8	5 17	0 53	8 40	1 35	7 25	2 19	1 38	0 30	9 11	1 22	37 47	17 31	18 10	18 37	14 45			n.a.
S 4	3 31	16 31	0 42	7 4	2 26	14 5	1 10	5 15	0 58	8 42	1 35	7 22	2 19	1 40	0 30	9 12	1 22	37 46	17 30	18 9	18 36	14 46			n.a.
S 5	3 54	19 21	0s38	6 23	2 17	14 32	1 12	5 12	1 2	8 44	1 34	7 19	2 19	1 41	0 30	9 13	1 22	37 46	17 29	18 9	18 35	14 48			n.a.
M 6	4 17	20 52	1 54	5 39	2 8	14 59	1 14	5 10	1 7	8 46	1 34	7 16	2 19	1 43	0 30	9 14	1 22	37 45	17 29	18 10	18 34	14 49			n.a.
T 7	4 40	21 0	3 2	4 53	1 57	15 26	1 16	5 7	1 11	8 48	1 34	7 13	2 19	1 44	0 30	9 14	1 22	37 45	17 28	18 10	18 33	14 51			n.a.
W 8	5 3	19 51	3 57	4 6	1 47	15 52	1 18	5 5	1 16	8 50	1 34	7 10	2 19	1 46	0 30	9 15	1 22	37 44	17 28	18 10	18 32	14 52			n.a.
T 9	5 26	17 37	4 38	3 16	1 36	16 18	1 20	5 2	1 20	8 52	1 33	7 7	2 19	1 47	0 30	9 16	1 22	37 44	17 27	18 10	18 31	14 54			n.a.
F 10	5 49	14 32	5 3	2 25	1 25	16 44	1 22	4 59	1 25	8 54	1 33	7 4	2 19	1 49	0 30	9 17	1 22	37 43	17 27	18 10	18 31	14 55			n.a.
S 11	6 11	10 49	5 12	1 33	1 14	17 9	1 24	4 57	1 29	8 56	1 33	7 1	2 19	1 50	0 30	9 18	1 22	37 43	17 26	18 9	18 30	14 57			n.a.
S 12	6 34	6 42	5 6	0 38	1 2	17 33	1 25	4 54	1 33	8 57	1 32	6 58	2 19	1 52	0 30	9 19	1 22	37 42	17 26	18 8	18 29	14 58			n.a.
M13	6 56	2 22	4 46	0n17	0 51	17 57	1 27	4 52	1 37	8 59	1 32	6 55	2 20	1 53	0 30	9 19	1 22	37 42	17 25	18 6	18 28	15 0			n.a.
T 14	7 19	1s59	4 13	1 14	0 39	18 21	1 29	4 49	1 42	9 1	1 32	6 53	2 20	1 54	0 30	9 20	1 22	37 41	17 24	18 5	18 27	15 1			n.a.
W15	7 41	6 14	3 29	2 12	0 27	18 44	1 30	4 47	1 46	9 2	1 32	6 50	2 20	1 56	0 30	9 21	1 22	37 41	17 24	18 3	18 26	15 3			n.a.
T 16	8 3	10 12	2 36	3 10	0 16	19 7	1 32	4 44	1 50	9 4	1 31	6 47	2 20	1 57	0 30	9 22	1 22	37 40	17 23	18 2	18 25	15 4			n.a.
F 17	8 25	13 45	1 37	4 9	0 5	19 29	1 33	4 42	1 54	9 5	1 31	6 44	2 20	1 59	0 30	9 23	1 22	37 39	17 23	18 1	18 25	15 6			n.a.
S 18	8 47	16 44	0 34	5 8	0n 6	19 51	1 35	4 40	1 58	9 6	1 31	6 41	2 20	2 0	0 30	9 24	1 22	37 39	17 22	18 1	18 24	15 7			n.a.
S 19	9 9	19 1	0n31	6 7	0 17	20 12	1 36	4 38	2 2	9 8	1 30	6 38	2 20	2 2	0 30	9 24	1 22	37 38	17 21	18 1	18 23	15 9			n.a.
M20	9 31	20 29	1 35	7 6	0 27	20 33	1 37	4 36	2 5	9 9	1 30	6 36	2 20	2 3	0 30	9 25	1 22	37 38	17 21	18 1	18 22	15 10			n.a.
T 21	9 52	21 2	2 35	8 5	0 37	20 53	1 38	4 35	2 9	9 10	1 30	6 33	2 20	2 4	0 30	9 26	1 22	37 37	17 20	18 2	18 21	15 12			n.a.
W22	10 14	20 37	3 30	9 3	0 47	21 12	1 40	4 33	2 13	9 11	1 29	6 30	2 20	2 6	0 30	9 27	1 22	37 36	17 20	18 2	18 20	15 13			n.a.
T 23	10 35	19 13	4 15	9 59	0 56	21 31	1 41	4 32	2 16	9 12	1 29	6 28	2 21	2 7	0 30	9 28	1 22	37 36	17 19	18 2	18 19	15 14			n.a.
F 24	10 56	16 51	4 50	10 55	1 4	21 49	1 42	4 30	2 19	9 13	1 29	6 25	2 21	2 9	0 30	9 29	1 22	37 35	17 19	18 3	18 18	15 16			n.a.
S 25	11 17	13 35	5 11	11 50	1 11	22 7	1 43	4 29	2 23	9 14	1 28	6 22	2 21	2 10	0 30	9 29	1 22	37 34	17 18	18 2	18 18	15 17			n.a.
S 26	11 38	9 32	5 16	12 43	1 18	22 24	1 43	4 29	2 26	9 15	1 28	6 20	2 21	2 11	0 30	9 30	1 22	37 34	17 17	18 2	18 17	15 19			n.a.
M27	11 59	4 51	5 3	13 34	1 25	22 41	1 44	4 28	2 29	9 15	1 28	6 17	2 21	2 13	0 30	9 31	1 22	37 33	17 17	18 2	18 16	15 20			n.a.
T 28	12 19	0n15	4 30	14 24	1 31	22 56	1 45	4 27	2 32	9 16	1 27	6 14	2 21	2 14	0 30	9 32	1 22	37 32	17 16	18 1	18 15	15 22			n.a.
W29	12 40	5 29	3 40	15 12	1 36	23 12	1 46	4 27	2 35	9 17	1 27	6 12	2 21	2 15	0 30	9 33	1 22	37 32	17 16	18 0	18 14	15 23			n.a.
T 30	13 0	10 29	2 33	15 57	1 40	23 26	1 46	4 27	2 38	9 17	1 27	6 9	2 21	2 17	0 30	9 34	1 22	37 31	17 15	18 0	18 13	15 25			n.a.
F 31	13n20	14n53	1n15	16n41	1n44	23n40	1n47	4s27	2s41	9n17	1n26	6s 7	2s22	2n18	0s30	9n34	1s22	37n30	17n14	18s 0	18s12	15s26			n.a.

Julian Day Number = 192606.5, Delta T = 32h25m09s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'34, Lahiri = -61°27'33 Julian Calendar 1 May 4186 BCE == Greg. Calendar 29 March 4186 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

JUNE 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 26 34	5♉19'27	20♉37	11♉29	7♊13	4°R51	10°R 9	20♓23	6♈49	27♈27	29♋54	19°D 7	19♏49	7♏34	n.a.	S 1
S 2	14 30 30	6°16'54	5♊38	13°28	8°25	4♎47	10♍ 7	20°30	6°53	27°29	29°55	19♏ 7	19°46	7°41	n.a.	S 2
M 3	14 34 27	7°14'21	20°20	15°25	9°37	4°43	10° 6	20°36	6°56	27°31	29°56	19° 8	19°43	7°47	n.a.	M 3
T 4	14 38 23	8°11'50	4♋40	17°20	10°49	4°41	10° 5	20°43	6°59	27°33	29°56	19° 9	19°40	7°54	n.a.	T 4
W 5	14 42 20	9° 9'20	18°35	19°15	12° 2	4°39	10° 4	20°49	7° 2	27°35	29°57	19°10	19°37	8° 1	n.a.	W 5
T 6	14 46 17	10° 6'52	2♌ 4	21° 8	13°14	4°D39	10° 3	20°55	7° 5	27°38	29°58	19°10	19°34	8° 7	n.a.	T 6
F 7	14 50 13	11° 4'24	15° 8	22°59	14°26	4°39	10° 2	21° 1	7° 8	27°40	29°59	19°R10	19°30	8°14	n.a.	F 7
S 8	14 54 10	12° 1'57	27°52	24°49	15°38	4°39	10° 2	21° 7	7°12	27°42	29°59	19°10	19°27	8°21	n.a.	S 8
S 9	14 58 6	12°59'32	10♍18	26°37	16°49	4°41	10° 2	21°13	7°15	27°44	0♌ 0	19°10	19°24	8°27	n.a.	S 9
M10	15 2 3	13°57'08	22°30	28°24	18° 1	4°44	10°D 2	21°19	7°18	27°46	0° 1	19° 9	19°21	8°34	n.a.	M10
T 11	15 5 59	14°54'45	4♎32	0♊ 9	19°13	4°47	10° 2	21°25	7°21	27°48	0° 2	19° 8	19°18	8°41	n.a.	T 11
W12	15 9 56	15°52'24	16°26	1°53	20°25	4°51	10° 2	21°31	7°24	27°51	0° 3	19° 8	19°15	8°47	n.a.	W12
T 13	15 13 53	16°50'05	28°16	3°35	21°37	4°56	10° 2	21°36	7°27	27°53	0° 4	19° 8	19°11	8°54	n.a.	T 13
F 14	15 17 49	17°47'47	10♏ 4	5°16	22°49	5° 2	10° 3	21°42	7°30	27°55	0° 5	19° 7	19° 8	9° 1	n.a.	F 14
S 15	15 21 46	18°45'30	21°52	6°56	24° 0	5° 8	10° 4	21°47	7°32	27°57	0° 6	19° 7	19° 5	9° 7	n.a.	S 15
S 16	15 25 42	19°43'16	3♐44	8°34	25°12	5°15	10° 5	21°53	7°35	27°59	0° 7	19° 7	19° 2	9°14	n.a.	S 16
M17	15 29 39	20°41'03	15°40	10°10	26°24	5°23	10° 6	21°58	7°38	28° 1	0° 9	19° 7	18°59	9°20	n.a.	M17
T 18	15 33 35	21°38'52	27°44	11°45	27°35	5°32	10° 8	22° 4	7°41	28° 3	0°10	19° 7	18°55	9°27	n.a.	T 18
W19	15 37 32	22°36'43	9♑59	13°19	28°47	5°42	10° 9	22° 9	7°44	28° 5	0°11	19° 7	18°52	9°34	n.a.	W19
T 20	15 41 29	23°34'36	22°26	14°51	29°58	5°52	10°11	22°14	7°47	28° 7	0°12	19° 6	18°49	9°40	n.a.	T 20
F 21	15 45 25	24°32'31	5♒ 8	16°22	1♋10	6° 3	10°13	22°19	7°49	28° 9	0°13	19° 6	18°46	9°47	n.a.	F 21
S 22	15 49 22	25°30'28	18° 9	17°52	2°21	6°14	10°15	22°24	7°52	28°12	0°15	19° 5	18°43	9°54	n.a.	S 22
S 23	15 53 18	26°28'28	1♓32	19°20	3°32	6°27	10°18	22°29	7°55	28°14	0°16	19°D 5	18°40	10° 0	n.a.	S 23
M24	15 57 15	27°26'29	15°17	20°46	4°44	6°40	10°20	22°34	7°57	28°16	0°17	19° 6	18°36	10° 7	n.a.	M24
T 25	16 1 11	28°24'33	29°26	22°11	5°55	6°53	10°23	22°39	8° 0	28°18	0°19	19° 6	18°33	10°14	n.a.	T 25
W26	16 5 8	29°22'39	13♈56	23°35	7° 6	7° 8	10°26	22°44	8° 2	28°20	0°20	19° 7	18°30	10°20	n.a.	W26
T 27	16 9 4	0♊20'47	28°45	24°57	8°17	7°23	10°29	22°48	8° 5	28°21	0°22	19° 8	18°27	10°27	n.a.	T 27
F 28	16 13 1	1°18'57	13♉47	26°17	9°29	7°38	10°32	22°53	8° 7	28°23	0°23	19°R 8	18°24	10°34	n.a.	F 28
S 29	16 16 58	2°17'09	28°53	27°36	10°40	7°55	10°35	22°57	8°10	28°25	0°25	19° 8	18°20	10°40	n.a.	S 29
S 30	16 20 54	3♊15'24	13♊55	28♊53	11♋51	8♎12	10♍39	23♓ 2	8♈12	28♈27	0♌26	19♏ 8	18♏17	10♏47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n40	18n17	0s 8	17n23	1n47	23n53	1n47	4s28	2s43	9n18	1n26	6s 4	2s22	2n19	0s30	9n35	1s22	37n30	17n14	18s 0	18s11	15s27		n.a.
S 2	13 59	20 22	1 30	18 3	1 49	24 6	1 47	4 29	2 46	9 18	1 26	6 2	2 22	2 21	0 30	9 36	1 22	37 29	17 13	18 0	18 11	15 29		n.a.
M 3	14 19	21 1	2 45	18 41	1 51	24 17	1 48	4 30	2 49	9 18	1 25	5 59	2 22	2 22	0 30	9 37	1 22	37 28	17 13	18 0	18 10	15 30		n.a.
T 4	14 38	20 15	3 47	19 17	1 53	24 29	1 48	4 31	2 51	9 18	1 25	5 57	2 22	2 23	0 30	9 38	1 22	37 27	17 12	18 0	18 9	15 32		n.a.
W 5	14 57	18 16	4 34	19 50	1 53	24 39	1 48	4 32	2 53	9 19	1 25	5 55	2 22	2 25	0 30	9 38	1 22	37 27	17 12	18 0	18 8	15 33		n.a.
T 6	15 16	15 20	5 4	20 22	1 53	24 49	1 48	4 34	2 55	9 18	1 24	5 52	2 23	2 26	0 30	9 39	1 22	37 26	17 11	18 0	18 7	15 34		n.a.
F 7	15 34	11 43	5 17	20 51	1 53	24 58	1 48	4 36	2 57	9 18	1 24	5 50	2 23	2 27	0 30	9 40	1 22	37 25	17 10	18 0	18 6	15 36		n.a.
S 8	15 52	7 39	5 14	21 19	1 52	25 6	1 48	4 38	2 59	9 18	1 24	5 48	2 23	2 28	0 30	9 41	1 22	37 24	17 10	18 0	18 5	15 37		n.a.
S 9	16 10	3 21	4 56	21 44	1 51	25 13	1 47	4 40	3 1	9 18	1 23	5 45	2 23	2 30	0 30	9 42	1 22	37 24	17 9	18 0	18 4	15 39		n.a.
M10	16 28	1s 0	4 26	22 8	1 49	25 20	1 47	4 43	3 3	9 18	1 23	5 43	2 23	2 31	0 30	9 42	1 22	37 23	17 9	18 0	18 3	15 40		n.a.
T 11	16 46	5 15	3 43	22 29	1 46	25 26	1 47	4 46	3 5	9 17	1 23	5 41	2 23	2 32	0 30	9 43	1 22	37 22	17 8	18 0	18 3	15 41		n.a.
W12	17 3	9 16	2 52	22 48	1 43	25 31	1 46	4 49	3 7	9 17	1 22	5 39	2 24	2 33	0 30	9 44	1 22	37 21	17 8	18 0	18 2	15 43		n.a.
T 13	17 20	12 55	1 54	23 6	1 40	25 36	1 46	4 53	3 8	9 16	1 22	5 37	2 24	2 34	0 30	9 45	1 22	37 21	17 7	18 0	18 1	15 44		n.a.
F 14	17 37	16 2	0 50	23 22	1 36	25 39	1 45	4 56	3 10	9 16	1 21	5 34	2 24	2 36	0 30	9 46	1 22	37 20	17 7	18 0	18 0	15 45		n.a.
S 15	17 53	18 30	0n15	23 36	1 32	25 42	1 44	5 0	3 11	9 15	1 21	5 32	2 24	2 37	0 30	9 46	1 22	37 19	17 6	18 0	17 59	15 47		n.a.
S 16	18 10	20 11	1 20	23 48	1 28	25 45	1 43	5 4	3 13	9 14	1 21	5 30	2 24	2 38	0 30	9 47	1 22	37 18	17 6	18 0	17 58	15 48		n.a.
M17	18 25	20 58	2 22	23 58	1 23	25 46	1 42	5 9	3 14	9 14	1 20	5 28	2 24	2 39	0 30	9 48	1 22	37 17	17 5	18 0	17 57	15 50		n.a.
T 18	18 41	20 47	3 19	24 7	1 18	25 47	1 41	5 14	3 15	9 13	1 20	5 26	2 25	2 40	0 30	9 49	1 22	37 17	17 4	18 0	17 56	15 51		n.a.
W19	18 56	19 37	4 7	24 14	1 12	25 47	1 40	5 18	3 16	9 12	1 20	5 24	2 25	2 41	0 30	9 49	1 22	37 16	17 4	17 59	17 55	15 52		n.a.
T 20	19 11	17 31	4 44	24 19	1 6	25 46	1 39	5 24	3 17	9 11	1 19	5 22	2 25	2 43	0 30	9 50	1 22	37 15	17 3	17 59	17 54	15 54		n.a.
F 21	19 26	14 32	5 8	24 23	1 0	25 44	1 38	5 29	3 18	9 10	1 19	5 20	2 25	2 44	0 30	9 51	1 22	37 14	17 3	17 59	17 54	15 55		n.a.
S 22	19 41	10 47	5 18	24 26	0 53	25 42	1 36	5 35	3 19	9 9	1 19	5 19	2 25	2 45	0 30	9 52	1 22	37 13	17 2	17 59	17 53	15 56		n.a.
S 23	19 55	6 25	5 10	24 27	0 47	25 39	1 35	5 40	3 20	9 7	1 18	5 17	2 26	2 46	0 30	9 52	1 22	37 12	17 2	17 59	17 52	15 58		n.a.
M24	20 8	1 35	4 45	24 26	0 39	25 35	1 33	5 46	3 21	9 6	1 18	5 15	2 26	2 47	0 30	9 53	1 22	37 12	17 1	17 59	17 51	15 59		n.a.
T 25	20 22	3n27	4 3	24 25	0 32	25 30	1 32	5 53	3 22	9 5	1 18	5 13	2 26	2 48	0 30	9 54	1 22	37 11	17 1	17 59	17 50	16 0		n.a.
W26	20 35	8 27	3 3	24 22	0 24	25 25	1 30	5 59	3 22	9 3	1 17	5 11	2 26	2 49	0 30	9 55	1 22	37 10	17 0	18 0	17 49	16 2		n.a.
T 27	20 48	13 3	1 51	24 17	0 17	25 19	1 28	6 6	3 23	9 2	1 17	5 10	2 26	2 50	0 30	9 55	1 22	37 9	17 0	18 0	17 48	16 3		n.a.
F 28	21 0	16 54	0 30	24 12	0 8	25 12	1 26	6 13	3 23	9 0	1 17	5 8	2 27	2 51	0 30	9 56	1 22	37 8	16 59	18 0	17 47	16 4		n.a.
S 29	21 12	19 36	0s54	24 6	0 0	25 4	1 24	6 20	3 24	8 58	1 16	5 7	2 27	2 52	0 30	9 57	1 22	37 8	16 59	18 0	17 46	16 6		n.a.
S 30	21n24	20n55	2s13	23n58	0s 8	24n56	1n22	6s27	3s24	8n57	1n16	5s 5	2s27	2n53	0s30	9n57	1s22	37n 7	16n58	18s 0	17s45	16s 7		n.a.

Julian Day Number = 192637.5, Delta T = 32h25m06s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'29, Lahiri = -61°27'29 Julian Calendar 1 June 4186 BCE == Greg. Calendar 29 Apr. 4186 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

JULY 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 24 51	4♊13'40	28♊44	0♋ 8	13♋ 2	8♎29	10♍43	23♓ 6	8♈15	28♈29	0♌28	19°R 6	18♏14	10♏54	n.a.	M 1
T 2	16 28 47	5°11'59	13♋12	1°22	14°13	8°48	10°47	23°10	8°17	28°31	0°29	19♏ 4	18°11	11° 0	n.a.	T 2
W 3	16 32 44	6°10'19	27°16	2°33	15°24	9° 6	10°51	23°14	8°19	28°33	0°31	19° 2	18° 8	11° 7	n.a.	W 3
T 4	16 36 40	7° 8'41	10♌52	3°43	16°34	9°26	10°55	23°18	8°22	28°35	0°32	19° 0	18° 5	11°14	n.a.	T 4
F 5	16 40 37	8° 7'05	24° 2	4°50	17°45	9°46	11° 0	23°22	8°24	28°37	0°34	18°59	18° 1	11°20	n.a.	F 5
S 6	16 44 33	9° 5'31	6♍47	5°56	18°56	10° 6	11° 4	23°26	8°26	28°38	0°36	18°D58	17°58	11°27	n.a.	S 6
S 7	16 48 30	10° 3'58	19°12	6°59	20° 6	10°27	11° 9	23°30	8°28	28°40	0°37	18°58	17°55	11°33	n.a.	S 7
M 8	16 52 26	11° 2'27	1♎21	7°59	21°17	10°49	11°14	23°33	8°30	28°42	0°39	18°59	17°52	11°40	n.a.	M 8
T 9	16 56 23	12° 0'59	13°18	8°57	22°27	11°11	11°19	23°37	8°32	28°44	0°41	19° 1	17°49	11°47	n.a.	T 9
W10	17 0 20	12°59'32	25° 9	9°52	23°38	11°33	11°24	23°40	8°34	28°45	0°43	19° 3	17°46	11°53	n.a.	W10
T 11	17 4 16	13°58'07	6♏56	10°45	24°48	11°57	11°30	23°44	8°36	28°47	0°45	19° 4	17°42	12° 0	n.a.	T 11
F 12	17 8 13	14°56'44	18°44	11°34	25°58	12°20	11°35	23°47	8°38	28°49	0°46	19°R 5	17°39	12° 7	n.a.	F 12
S 13	17 12 9	15°55'24	0♐37	12°19	27° 9	12°44	11°41	23°50	8°40	28°50	0°48	19° 4	17°36	12°13	n.a.	S 13
S 14	17 16 6	16°54'06	12°36	13° 1	28°19	13° 9	11°47	23°53	8°42	28°52	0°50	19° 2	17°33	12°20	n.a.	S 14
M15	17 20 2	17°52'49	24°43	13°39	29°29	13°34	11°53	23°56	8°43	28°54	0°52	18°59	17°30	12°27	n.a.	M15
T 16	17 23 59	18°51'36	7♑ 1	14°13	0♌39	13°59	11°59	23°59	8°45	28°55	0°54	18°54	17°26	12°33	n.a.	T 16
W17	17 27 55	19°50'24	19°30	14°42	1°49	14°25	12° 6	24° 2	8°47	28°57	0°56	18°49	17°23	12°40	n.a.	W17
T 18	17 31 52	20°49'15	2♒11	15° 7	2°58	14°51	12°12	24° 4	8°48	28°58	0°58	18°44	17°20	12°47	n.a.	T 18
F 19	17 35 48	21°48'08	15° 5	15°26	4° 8	15°17	12°19	24° 7	8°50	29° 0	1° 0	18°39	17°17	12°53	n.a.	F 19
S 20	17 39 45	22°47'04	28°13	15°39	5°18	15°44	12°26	24° 9	8°52	29° 1	1° 2	18°35	17°14	13° 0	n.a.	S 20
S 21	17 43 41	23°46'02	11♓37	15°47	6°27	16°12	12°33	24°11	8°53	29° 3	1° 4	18°33	17°11	13° 7	n.a.	S 21
M22	17 47 38	24°45'03	25°17	15°R48	7°37	16°39	12°40	24°14	8°55	29° 4	1° 6	18°D32	17° 7	13°13	n.a.	M22
T 23	17 51 35	25°44'06	9♈14	15°42	8°46	17° 8	12°47	24°16	8°56	29° 6	1° 8	18°33	17° 4	13°20	n.a.	T 23
W24	17 55 31	26°43'12	23°27	15°29	9°55	17°36	12°54	24°18	8°57	29° 7	1°10	18°34	17° 1	13°26	n.a.	W24
T 25	17 59 28	27°42'20	7♉56	15° 9	11° 4	18° 5	13° 2	24°20	8°59	29° 8	1°12	18°35	16°58	13°33	n.a.	T 25
F 26	18 3 24	28°41'32	22°37	14°42	12°13	18°34	13°10	24°21	9° 0	29°10	1°14	18°R36	16°55	13°40	n.a.	F 26
S 27	18 7 21	29°40'45	7♊24	14° 7	13°22	19° 4	13°17	24°23	9° 1	29°11	1°16	18°34	16°52	13°46	n.a.	S 27
S 28	18 11 17	0♋40'02	22°12	13°25	14°31	19°33	13°25	24°25	9° 2	29°12	1°19	18°31	16°48	13°53	n.a.	S 28
M29	18 15 14	1°39'20	6♋52	12°36	15°40	20° 4	13°33	24°26	9° 3	29°14	1°21	18°26	16°45	14° 0	n.a.	M29
T 30	18 19 10	2°38'41	21°17	11°40	16°49	20°34	13°42	24°27	9° 4	29°15	1°23	18°19	16°42	14° 6	n.a.	T 30
W31	18 23 7	3♋38'04	5♌22	10♋39	17♌57	21♎ 5	13♍50	24♓29	9♈ 5	29♈16	1♌25	18♏11	16♏39	14♏13	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n35	20n44	3s22	23n50	0s17	24n47	1n20	6s35	3s25	8n55	1n16	5s 3	2s27	2n54	0s30	9n58	1s22	37n 6	16n58	17s59	17s45	16s 8			n.a.
T 2	21 46	19 11	4 17	23 40	0 26	24 37	1 18	6 42	3 25	8 53	1 15	5 2	2 28	2 55	0 30	9 59	1 22	37 5	16 57	17 59	17 44	16 10			n.a.
W 3	21 57	16 30	4 54	23 30	0 35	24 27	1 15	6 50	3 25	8 51	1 15	5 0	2 28	2 56	0 30	9 59	1 22	37 4	16 57	17 58	17 43	16 11			n.a.
T 4	22 7	12 59	5 13	23 19	0 45	24 15	1 13	6 58	3 26	8 49	1 15	4 59	2 28	2 57	0 30	10 0	1 22	37 3	16 57	17 58	17 42	16 12			n.a.
F 5	22 17	8 56	5 15	23 7	0 54	24 4	1 10	7 7	3 26	8 47	1 14	4 58	2 28	2 57	0 30	10 1	1 22	37 2	16 56	17 57	17 41	16 13			n.a.
S 6	22 26	4 37	5 1	22 55	1 3	23 51	1 8	7 15	3 26	8 45	1 14	4 56	2 28	2 58	0 30	10 1	1 22	37 2	16 56	17 57	17 40	16 15			n.a.
S 7	22 35	0 13	4 34	22 42	1 13	23 38	1 5	7 24	3 26	8 43	1 14	4 55	2 29	2 59	0 30	10 2	1 22	37 1	16 55	17 57	17 39	16 16			n.a.
M 8	22 44	4s 7	3 54	22 29	1 23	23 24	1 2	7 32	3 26	8 41	1 13	4 54	2 29	3 0	0 30	10 2	1 22	37 0	16 55	17 57	17 38	16 17			n.a.
T 9	22 52	8 13	3 5	22 16	1 33	23 9	0 59	7 41	3 26	8 38	1 13	4 52	2 29	3 1	0 30	10 3	1 22	36 59	16 54	17 58	17 37	16 19			n.a.
W10	23 0	11 59	2 8	22 2	1 42	22 54	0 56	7 50	3 26	8 36	1 13	4 51	2 29	3 2	0 30	10 4	1 22	36 58	16 54	17 58	17 36	16 20			n.a.
T 11	23 7	15 15	1 6	21 48	1 52	22 39	0 53	8 0	3 26	8 34	1 12	4 50	2 30	3 2	0 30	10 4	1 22	36 57	16 54	17 59	17 35	16 21			n.a.
F 12	23 14	17 55	0 2	21 34	2 2	22 22	0 50	8 9	3 26	8 31	1 12	4 49	2 30	3 3	0 31	10 5	1 22	36 57	16 53	17 59	17 34	16 22			n.a.
S 13	23 21	19 50	1n 3	21 20	2 12	22 5	0 47	8 19	3 26	8 29	1 12	4 48	2 30	3 4	0 31	10 5	1 22	36 56	16 53	17 59	17 34	16 24			n.a.
S 14	23 27	20 52	2 6	21 6	2 22	21 48	0 44	8 28	3 26	8 26	1 11	4 47	2 30	3 5	0 31	10 6	1 22	36 55	16 52	17 58	17 33	16 25			n.a.
M15	23 32	20 57	3 3	20 53	2 31	21 30	0 41	8 38	3 26	8 23	1 11	4 46	2 31	3 5	0 31	10 7	1 22	36 54	16 52	17 57	17 32	16 26			n.a.
T 16	23 38	20 2	3 53	20 40	2 41	21 11	0 37	8 48	3 25	8 21	1 11	4 45	2 31	3 6	0 31	10 7	1 22	36 53	16 52	17 56	17 31	16 27			n.a.
W17	23 43	18 9	4 33	20 28	2 50	20 52	0 34	8 58	3 25	8 18	1 11	4 44	2 31	3 7	0 31	10 8	1 22	36 52	16 51	17 54	17 30	16 29			n.a.
T 18	23 47	15 22	4 59	20 16	2 59	20 32	0 30	9 8	3 25	8 15	1 10	4 43	2 31	3 7	0 31	10 8	1 22	36 51	16 51	17 53	17 29	16 30			n.a.
F 19	23 51	11 49	5 12	20 5	3 8	20 12	0 26	9 19	3 24	8 12	1 10	4 43	2 32	3 8	0 31	10 9	1 22	36 51	16 50	17 52	17 28	16 31			n.a.
S 20	23 54	7 37	5 8	19 56	3 16	19 51	0 23	9 29	3 24	8 9	1 10	4 42	2 32	3 8	0 31	10 9	1 22	36 50	16 50	17 51	17 27	16 32			n.a.
S 21	23 58	2 59	4 47	19 47	3 23	19 29	0 19	9 40	3 24	8 6	1 9	4 41	2 32	3 9	0 31	10 10	1 22	36 49	16 50	17 50	17 26	16 34			n.a.
M22	24 0	1n53	4 11	19 40	3 30	19 8	0 15	9 50	3 23	8 3	1 9	4 40	2 32	3 10	0 31	10 10	1 22	36 48	16 49	17 50	17 25	16 35			n.a.
T 23	24 2	6 47	3 18	19 35	3 36	18 45	0 11	10 1	3 23	8 0	1 9	4 40	2 33	3 10	0 31	10 11	1 22	36 47	16 49	17 50	17 24	16 36			n.a.
W24	24 4	11 24	2 13	19 31	3 41	18 23	0 7	10 12	3 22	7 57	1 8	4 39	2 33	3 11	0 31	10 11	1 22	36 46	16 49	17 50	17 23	16 37			n.a.
T 25	24 5	15 27	0 58	19 30	3 45	17 59	0 3	10 23	3 22	7 54	1 8	4 39	2 33	3 11	0 31	10 12	1 22	36 46	16 48	17 51	17 22	16 38			n.a.
F 26	24 6	18 35	0s22	19 30	3 48	17 36	0s 1	10 34	3 21	7 50	1 8	4 38	2 33	3 12	0 31	10 12	1 22	36 45	16 48	17 51	17 22	16 40			n.a.
S 27	24 7	20 30	1 41	19 32	3 49	17 12	0 5	10 45	3 21	7 47	1 8	4 38	2 34	3 12	0 31	10 13	1 22	36 44	16 48	17 50	17 21	16 41			n.a.
S 28	24 7	21 1	2 52	19 37	3 49	16 47	0 9	10 56	3 20	7 43	1 7	4 37	2 34	3 13	0 31	10 13	1 23	36 43	16 48	17 49	17 20	16 42			n.a.
M29	24 6	20 4	3 52	19 44	3 47	16 22	0 14	11 7	3 20	7 40	1 7	4 37	2 34	3 13	0 31	10 13	1 23	36 42	16 47	17 48	17 19	16 43			n.a.
T 30	24 5	17 50	4 36	19 53	3 43	15 57	0 18	11 19	3 19	7 37	1 7	4 37	2 34	3 13	0 31	10 14	1 23	36 41	16 47	17 46	17 18	16 45			n.a.
W31	24n 4	14n36	5s 1	20n 4	3s37	15n32	0s22	11s30	3s19	7n33	1n 6	4s36	2s35	3n14	0s31	10n14	1s23	36n41	16n47	17s44	17s17	16s46			n.a.

Julian Day Number = 192667.5, Delta T = 32h25m03s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'25, Lahiri = -61°27'25 Julian Calendar 1 July 4186 BCE == Greg. Calendar 29 May 4186 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

AUGUST 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 27 3	4♋37'29	19♌ 1	9°R34	19♌ 5	21♎36	13♍58	24♓30	9♈ 6	29♈17	1♌27	18°R 4	16♏36	14♏20	n.a.	T 1
F 2	18 31 0	5°36'56	2♍15	8♋25	20°14	22° 7	14° 7	24°31	9° 7	29°18	1°30	17♏58	16°32	14°26	n.a.	F 2
S 3	18 34 56	6°36'25	15° 4	7°16	21°22	22°39	14°16	24°31	9° 8	29°19	1°32	17°54	16°29	14°33	n.a.	S 3
S 4	18 38 53	7°35'56	27°31	6° 6	22°30	23°11	14°25	24°32	9° 9	29°20	1°34	17°51	16°26	14°40	n.a.	S 4
M 5	18 42 49	8°35'29	9♎40	4°59	23°38	23°43	14°34	24°33	9° 9	29°21	1°36	17°D51	16°23	14°46	n.a.	M 5
T 6	18 46 46	9°35'04	21°37	3°56	24°46	24°16	14°43	24°33	9°10	29°22	1°39	17°51	16°20	14°53	n.a.	T 6
W 7	18 50 43	10°34'42	3♏26	2°59	25°53	24°48	14°52	24°34	9°11	29°23	1°41	17°53	16°17	15° 0	n.a.	W 7
T 8	18 54 39	11°34'21	15°14	2°10	27° 1	25°21	15° 1	24°34	9°11	29°24	1°43	17°R53	16°13	15° 6	n.a.	T 8
F 9	18 58 36	12°34'02	27° 4	1°30	28° 8	25°55	15°11	24°34	9°12	29°25	1°46	17°53	16°10	15°13	n.a.	F 9
S 10	19 2 32	13°33'46	9♐ 1	0°59	29°15	26°28	15°20	24°R34	9°12	29°26	1°48	17°50	16° 7	15°19	n.a.	S 10
S 11	19 6 29	14°33'31	21° 8	0°40	0♍22	27° 2	15°30	24°34	9°13	29°27	1°50	17°46	16° 4	15°26	n.a.	S 11
M12	19 10 25	15°33'19	3♑29	0°D31	1°29	27°36	15°40	24°34	9°13	29°28	1°53	17°38	16° 1	15°33	n.a.	M12
T 13	19 14 22	16°33'09	16° 3	0°33	2°35	28°10	15°50	24°34	9°13	29°29	1°55	17°29	15°58	15°39	n.a.	T 13
W14	19 18 18	17°33'01	28°51	0°46	3°42	28°44	16° 0	24°34	9°14	29°29	1°57	17°18	15°54	15°46	n.a.	W14
T 15	19 22 15	18°32'55	11♒53	1° 9	4°48	29°19	16°10	24°33	9°14	29°30	2° 0	17° 7	15°51	15°53	n.a.	T 15
F 16	19 26 11	19°32'52	25° 8	1°43	5°54	29°53	16°20	24°32	9°14	29°31	2° 2	16°57	15°48	15°59	n.a.	F 16
S 17	19 30 8	20°32'51	8♓34	2°25	7° 0	0♏28	16°30	24°32	9°14	29°32	2° 4	16°48	15°45	16° 6	n.a.	S 17
S 18	19 34 4	21°32'52	22°11	3°15	8° 6	1° 3	16°41	24°31	9°R14	29°32	2° 7	16°42	15°42	16°13	n.a.	S 18
M19	19 38 1	22°32'56	5♈56	4°14	9°11	1°39	16°51	24°30	9°14	29°33	2° 9	16°39	15°38	16°19	n.a.	M19
T 20	19 41 57	23°33'02	19°50	5°18	10°17	2°14	17° 2	24°29	9°14	29°33	2°12	16°D38	15°35	16°26	n.a.	T 20
W21	19 45 54	24°33'10	3♉53	6°29	11°22	2°50	17°13	24°28	9°14	29°34	2°14	16°38	15°32	16°33	n.a.	W21
T 22	19 49 51	25°33'22	18° 4	7°45	12°26	3°26	17°23	24°26	9°14	29°34	2°17	16°R38	15°29	16°39	n.a.	T 22
F 23	19 53 47	26°33'35	2♊22	9° 5	13°31	4° 2	17°34	24°25	9°13	29°35	2°19	16°37	15°26	16°46	n.a.	F 23
S 24	19 57 44	27°33'51	16°44	10°28	14°35	4°38	17°45	24°23	9°13	29°35	2°21	16°34	15°23	16°52	n.a.	S 24
S 25	20 1 40	28°34'09	1♋ 6	11°55	15°40	5°14	17°56	24°22	9°13	29°36	2°24	16°28	15°19	16°59	n.a.	S 25
M26	20 5 37	29°34'30	15°24	13°25	16°44	5°50	18° 8	24°20	9°12	29°36	2°26	16°19	15°16	17° 6	n.a.	M26
T 27	20 9 33	0♌34'52	29°32	14°57	17°47	6°27	18°19	24°18	9°12	29°36	2°29	16° 8	15°13	17°12	n.a.	T 27
W28	20 13 30	1°35'17	13♌25	16°30	18°51	7° 4	18°30	24°16	9°11	29°37	2°31	15°56	15°10	17°19	n.a.	W28
T 29	20 17 26	2°35'43	26°58	18° 5	19°54	7°41	18°42	24°14	9°11	29°37	2°34	15°43	15° 7	17°26	n.a.	T 29
F 30	20 21 23	3°36'11	10♍ 8	19°41	20°56	8°18	18°53	24°12	9°10	29°37	2°36	15°33	15° 4	17°32	n.a.	F 30
S 31	20 25 19	4♌36'41	22♍56	21♋18	21♍59	8♏55	19♍ 5	24♓10	9♈10	29♈37	2♌38	15♏24	15♏ 0	17♏39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	24n 2	10n40	5s 9	20n18	3s28	15n 6	0s27	11s42	3s18	7n29	1n 6	4s36	2s35	3n14	0s31	10n15	1s23	36n40	16n47	17s42	17s16	16s47			n.a.
F 2	23 59	6 19	4 59	20 33	3 18	14 39	0 31	11 53	3 17	7 26	1 6	4 36	2 35	3 14	0 31	10 15	1 23	36 39	16 46	17 40	17 15	16 48			n.a.
S 3	23 56	1 50	4 35	20 49	3 6	14 13	0 36	12 5	3 17	7 22	1 6	4 36	2 35	3 15	0 31	10 15	1 23	36 38	16 46	17 39	17 14	16 49			n.a.
S 4	23 53	2s37	3 58	21 7	2 51	13 46	0 41	12 16	3 16	7 18	1 5	4 36	2 36	3 15	0 31	10 16	1 23	36 37	16 46	17 38	17 13	16 50			n.a.
M 5	23 49	6 51	3 11	21 26	2 36	13 19	0 45	12 28	3 15	7 14	1 5	4 36	2 36	3 15	0 31	10 16	1 23	36 37	16 46	17 38	17 12	16 52			n.a.
T 6	23 45	10 46	2 17	21 45	2 18	12 51	0 50	12 40	3 14	7 11	1 5	4 36	2 36	3 16	0 31	10 16	1 23	36 36	16 45	17 38	17 11	16 53			n.a.
W 7	23 41	14 13	1 17	22 5	2 0	12 24	0 55	12 51	3 14	7 7	1 5	4 36	2 36	3 16	0 31	10 17	1 23	36 35	16 45	17 38	17 10	16 54			n.a.
T 8	23 35	17 5	0 14	22 25	1 41	11 56	0 59	13 3	3 13	7 3	1 4	4 36	2 37	3 16	0 31	10 17	1 23	36 34	16 45	17 39	17 9	16 55			n.a.
F 9	23 30	19 15	0n49	22 45	1 21	11 27	1 4	13 15	3 12	6 59	1 4	4 36	2 37	3 16	0 31	10 17	1 23	36 34	16 45	17 38	17 8	16 56			n.a.
S 10	23 24	20 36	1 51	23 5	1 2	10 59	1 9	13 27	3 11	6 55	1 4	4 36	2 37	3 16	0 31	10 18	1 23	36 33	16 45	17 38	17 8	16 57			n.a.
S 11	23 17	21 0	2 49	23 24	0 43	10 30	1 14	13 39	3 11	6 51	1 4	4 37	2 37	3 17	0 31	10 18	1 23	36 32	16 44	17 36	17 7	16 59			n.a.
M12	23 10	20 25	3 39	23 42	0 24	10 2	1 19	13 51	3 10	6 46	1 3	4 37	2 38	3 17	0 31	10 18	1 23	36 31	16 44	17 34	17 6	17 0			n.a.
T 13	23 3	18 49	4 20	24 0	0 7	9 33	1 24	14 3	3 9	6 42	1 3	4 37	2 38	3 17	0 31	10 19	1 23	36 30	16 44	17 32	17 5	17 1			n.a.
W14	22 55	16 16	4 49	24 17	0n10	9 4	1 28	14 15	3 8	6 38	1 3	4 38	2 38	3 17	0 31	10 19	1 23	36 30	16 44	17 28	17 4	17 2			n.a.
T 15	22 47	12 52	5 3	24 32	0 26	8 34	1 33	14 26	3 7	6 34	1 3	4 38	2 38	3 17	0 31	10 19	1 23	36 29	16 44	17 25	17 3	17 3			n.a.
F 16	22 38	8 48	5 1	24 46	0 40	8 5	1 38	14 38	3 6	6 30	1 2	4 39	2 39	3 17	0 31	10 19	1 23	36 28	16 44	17 22	17 2	17 4			n.a.
S 17	22 29	4 14	4 43	24 59	0 53	7 35	1 43	14 50	3 5	6 25	1 2	4 39	2 39	3 17	0 31	10 19	1 23	36 28	16 44	17 20	17 1	17 5			n.a.
S 18	22 20	0n36	4 8	25 9	1 5	7 6	1 48	15 2	3 4	6 21	1 2	4 40	2 39	3 17	0 31	10 20	1 23	36 27	16 44	17 18	17 0	17 7			n.a.
M19	22 10	5 27	3 19	25 18	1 15	6 36	1 53	15 14	3 4	6 16	1 2	4 40	2 39	3 17	0 31	10 20	1 23	36 26	16 43	17 17	16 59	17 8			n.a.
T 20	22 0	10 5	2 18	25 25	1 25	6 6	1 58	15 26	3 3	6 12	1 1	4 41	2 40	3 17	0 31	10 20	1 23	36 25	16 43	17 17	16 58	17 9			n.a.
W21	21 49	14 13	1 7	25 30	1 33	5 36	2 3	15 38	3 2	6 7	1 1	4 42	2 40	3 17	0 31	10 20	1 23	36 25	16 43	17 17	16 57	17 10			n.a.
T 22	21 38	17 34	0s 8	25 32	1 40	5 7	2 9	15 50	3 1	6 3	1 1	4 42	2 40	3 17	0 31	10 20	1 23	36 24	16 43	17 17	16 56	17 11			n.a.
F 23	21 26	19 52	1 23	25 33	1 45	4 37	2 14	16 1	3 0	5 58	1 1	4 43	2 40	3 17	0 31	10 20	1 23	36 23	16 43	17 16	16 55	17 12			n.a.
S 24	21 14	20 54	2 33	25 31	1 50	4 7	2 19	16 13	2 59	5 54	1 1	4 44	2 41	3 17	0 31	10 20	1 23	36 23	16 43	17 15	16 54	17 13			n.a.
S 25	21 1	20 34	3 33	25 27	1 54	3 37	2 24	16 25	2 58	5 49	1 0	4 45	2 41	3 16	0 31	10 21	1 23	36 22	16 43	17 14	16 53	17 14			n.a.
M26	20 49	18 54	4 19	25 21	1 57	3 7	2 29	16 37	2 57	5 44	1 0	4 46	2 41	3 16	0 31	10 21	1 23	36 21	16 43	17 11	16 52	17 15			n.a.
T 27	20 35	16 7	4 49	25 13	1 59	2 37	2 34	16 48	2 56	5 40	1 0	4 47	2 41	3 16	0 31	10 21	1 24	36 21	16 43	17 8	16 51	17 16			n.a.
W28	20 22	12 28	5 1	25 3	2 0	2 7	2 39	17 0	2 55	5 35	1 0	4 48	2 41	3 16	0 31	10 21	1 24	36 20	16 43	17 4	16 50	17 18			n.a.
T 29	20 8	8 15	4 56	24 51	2 1	1 37	2 44	17 11	2 54	5 30	0 59	4 49	2 42	3 16	0 31	10 21	1 24	36 19	16 43	17 1	16 50	17 19			n.a.
F 30	19 53	3 45	4 35	24 36	2 0	1 7	2 48	17 23	2 53	5 25	0 59	4 50	2 42	3 15	0 31	10 21	1 24	36 19	16 43	16 57	16 49	17 20			n.a.
S 31	19n39	0s47	4s 0	24n20	2n 0	0n37	2s53	17s34	2s52	5n20	0n59	4s51	2s42	3n15	0s31	10n21	1s24	36n18	16n43	16s55	16s48	17s21			n.a.

Julian Day Number = 192698.5, Delta T = 32h25m00s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'21, Lahiri = -61°27'21 Julian Calendar 1 Aug. 4186 BCE == Greg. Calendar 29 June 4186 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

SEPTEMBER 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 29 16	5♌37'12	5♎24	22♋56	23♍ 1	9♏32	19♍17	24°R 7	9°R 9	29♈37	2♌41	15°R18	14♏57	17♏46	n.a.	S 1
M 2	20 33 12	6°37'45	17°34	24°34	24° 3	10°10	19°28	24♓ 5	9♈ 8	29°37	2°43	15♏14	14°54	17°52	n.a.	M 2
T 3	20 37 9	7°38'20	29°31	26°13	25° 5	10°47	19°40	24° 2	9° 7	29°38	2°46	15°13	14°51	17°59	n.a.	T 3
W 4	20 41 6	8°38'57	11♏20	27°51	26° 6	11°25	19°52	24° 0	9° 6	29°38	2°48	15°13	14°48	18° 6	n.a.	W 4
T 5	20 45 2	9°39'35	23° 8	29°30	27° 7	12° 3	20° 4	23°57	9° 6	29°R38	2°51	15°13	14°44	18°12	n.a.	T 5
F 6	20 48 59	10°40'14	4♐59	1♌ 9	28° 7	12°41	20°16	23°54	9° 5	29°38	2°53	15°11	14°41	18°19	n.a.	F 6
S 7	20 52 55	11°40'55	16°59	2°47	29° 7	13°19	20°28	23°51	9° 4	29°38	2°55	15° 8	14°38	18°26	n.a.	S 7
S 8	20 56 52	12°41'38	29°12	4°26	0♎ 7	13°57	20°41	23°48	9° 2	29°37	2°58	15° 2	14°35	18°32	n.a.	S 8
M 9	21 0 48	13°42'22	11♑42	6° 4	1° 6	14°35	20°53	23°45	9° 1	29°37	3° 0	14°53	14°32	18°39	n.a.	M 9
T 10	21 4 45	14°43'08	24°30	7°42	2° 5	15°14	21° 5	23°42	9° 0	29°37	3° 3	14°42	14°29	18°45	n.a.	T 10
W11	21 8 41	15°43'55	7♒38	9°20	3° 3	15°52	21°18	23°38	8°59	29°37	3° 5	14°29	14°25	18°52	n.a.	W11
T 12	21 12 38	16°44'44	21° 3	10°57	4° 1	16°30	21°30	23°35	8°58	29°37	3° 7	14°16	14°22	18°59	n.a.	T 12
F 13	21 16 34	17°45'34	4♓44	12°35	4°59	17° 9	21°43	23°31	8°56	29°36	3°10	14° 3	14°19	19° 5	n.a.	F 13
S 14	21 20 31	18°46'26	18°36	14°12	5°55	17°48	21°55	23°28	8°55	29°36	3°12	13°52	14°16	19°12	n.a.	S 14
S 15	21 24 27	19°47'19	2♈36	15°49	6°52	18°27	22° 8	23°24	8°54	29°36	3°15	13°45	14°13	19°19	n.a.	S 15
M16	21 28 24	20°48'15	16°40	17°25	7°48	19° 5	22°21	23°20	8°52	29°35	3°17	13°40	14° 9	19°25	n.a.	M16
T 17	21 32 21	21°49'12	0♉45	19° 2	8°43	19°44	22°33	23°16	8°51	29°35	3°19	13°38	14° 6	19°32	n.a.	T 17
W18	21 36 17	22°50'10	14°51	20°38	9°38	20°23	22°46	23°12	8°49	29°35	3°22	13°37	14° 3	19°39	n.a.	W18
T 19	21 40 14	23°51'11	28°56	22°14	10°32	21° 2	22°59	23° 8	8°48	29°34	3°24	13°37	14° 0	19°45	n.a.	T 19
F 20	21 44 10	24°52'13	12♊58	23°49	11°25	21°42	23°12	23° 4	8°46	29°34	3°26	13°36	13°57	19°52	n.a.	F 20
S 21	21 48 7	25°53'17	26°59	25°25	12°18	22°21	23°25	23° 0	8°44	29°33	3°29	13°33	13°54	19°59	n.a.	S 21
S 22	21 52 3	26°54'23	10♋56	27° 0	13°10	23° 0	23°38	22°56	8°43	29°33	3°31	13°27	13°50	20° 5	n.a.	S 22
M23	21 56 0	27°55'30	24°46	28°35	14° 2	23°40	23°51	22°52	8°41	29°32	3°33	13°18	13°47	20°12	n.a.	M23
T 24	21 59 56	28°56'38	8♌28	0♍10	14°52	24°19	24° 4	22°47	8°39	29°31	3°35	13° 7	13°44	20°19	n.a.	T 24
W25	22 3 53	29°57'47	21°58	1°45	15°42	24°59	24°17	22°43	8°37	29°31	3°38	12°54	13°41	20°25	n.a.	W25
T 26	22 7 50	0♍58'58	5♍13	3°19	16°31	25°38	24°31	22°39	8°35	29°30	3°40	12°42	13°38	20°32	n.a.	T 26
F 27	22 11 46	2° 0'10	18°10	4°54	17°20	26°18	24°44	22°34	8°34	29°29	3°42	12°30	13°35	20°38	n.a.	F 27
S 28	22 15 43	3° 1'23	0♎50	6°28	18° 7	26°57	24°57	22°29	8°32	29°28	3°44	12°21	13°31	20°45	n.a.	S 28
S 29	22 19 39	4° 2'36	13°13	8° 2	18°54	27°37	25°11	22°25	8°30	29°28	3°46	12°14	13°28	20°52	n.a.	S 29
M30	22 23 36	5♍ 3'51	25♎21	9♍36	19♎39	28♏17	25♍24	22♓20	8♈28	29♈27	3♌49	12♏10	13♏25	20♏58	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19n24	5s10	3s15	24n 3	1n58	0n 8	2s58	17s46	2s51	5n15	0n59	4s52	2s42	3n15	0s31	10n21	1s24	36n17	16n43	16s53	16s47	17s22		n.a.	S 1
M 2	19 8	9 15	2 21	23 43	1 57	0s22	3 3	17 57	2 50	5 11	0 59	4 53	2 43	3 14	0 31	10 21	1 24	36 17	16 43	16 52	16 46	17 23		n.a.	M 2
T 3	18 52	12 53	1 22	23 22	1 54	0 51	3 8	18 9	2 49	5 6	0 58	4 55	2 43	3 14	0 31	10 21	1 24	36 16	16 43	16 51	16 45	17 24		n.a.	T 3
W 4	18 36	15 59	0 21	23 0	1 51	1 20	3 13	18 20	2 48	5 1	0 58	4 56	2 43	3 14	0 31	10 21	1 24	36 16	16 43	16 51	16 44	17 25		n.a.	W 4
T 5	18 20	18 24	0n42	22 36	1 48	1 49	3 17	18 31	2 47	4 56	0 58	4 57	2 43	3 13	0 32	10 21	1 24	36 15	16 43	16 51	16 43	17 26		n.a.	T 5
F 6	18 3	20 3	1 43	22 10	1 45	2 18	3 22	18 42	2 46	4 50	0 58	4 58	2 43	3 13	0 32	10 21	1 24	36 14	16 43	16 51	16 42	17 27		n.a.	F 6
S 7	17 46	20 48	2 40	21 43	1 41	2 47	3 27	18 53	2 45	4 45	0 58	5 0	2 43	3 12	0 32	10 21	1 24	36 14	16 43	16 50	16 41	17 28		n.a.	S 7
S 8	17 28	20 36	3 31	21 15	1 37	3 16	3 31	19 4	2 44	4 40	0 57	5 1	2 44	3 12	0 32	10 21	1 24	36 13	16 43	16 48	16 40	17 29		n.a.	S 8
M 9	17 11	19 24	4 12	20 46	1 32	3 44	3 36	19 15	2 43	4 35	0 57	5 3	2 44	3 12	0 32	10 21	1 24	36 13	16 43	16 45	16 39	17 30		n.a.	M 9
T 10	16 52	17 12	4 42	20 16	1 28	4 12	3 40	19 25	2 41	4 30	0 57	5 4	2 44	3 11	0 32	10 21	1 24	36 12	16 44	16 42	16 38	17 31		n.a.	T 10
W11	16 34	14 5	4 58	19 45	1 23	4 40	3 45	19 36	2 40	4 25	0 57	5 6	2 44	3 11	0 32	10 21	1 24	36 12	16 44	16 38	16 37	17 32		n.a.	W11
T 12	16 15	10 11	4 58	19 13	1 18	5 7	3 49	19 47	2 39	4 20	0 57	5 7	2 44	3 10	0 32	10 20	1 24	36 11	16 44	16 34	16 36	17 33		n.a.	T 12
F 13	15 56	5 42	4 41	18 40	1 12	5 35	3 53	19 57	2 38	4 14	0 57	5 9	2 45	3 9	0 32	10 20	1 24	36 11	16 44	16 30	16 35	17 34		n.a.	F 13
S 14	15 37	0 51	4 8	18 6	1 7	6 2	3 57	20 7	2 37	4 9	0 56	5 10	2 45	3 9	0 32	10 20	1 24	36 10	16 44	16 27	16 34	17 35		n.a.	S 14
S 15	15 17	4n 5	3 19	17 31	1 1	6 28	4 1	20 18	2 36	4 4	0 56	5 12	2 45	3 8	0 32	10 20	1 24	36 10	16 44	16 25	16 33	17 36		n.a.	S 15
M16	14 58	8 50	2 18	16 55	0 55	6 55	4 5	20 28	2 35	3 58	0 56	5 14	2 45	3 8	0 32	10 20	1 24	36 9	16 44	16 23	16 32	17 37		n.a.	M16
T 17	14 38	13 7	1 8	16 19	0 50	7 21	4 9	20 38	2 34	3 53	0 56	5 15	2 45	3 7	0 32	10 20	1 24	36 9	16 45	16 22	16 31	17 38		n.a.	T 17
W18	14 17	16 39	0s 6	15 42	0 44	7 46	4 13	20 48	2 33	3 48	0 56	5 17	2 45	3 7	0 32	10 19	1 24	36 8	16 45	16 22	16 30	17 39		n.a.	W18
T 19	13 57	19 11	1 20	15 5	0 37	8 12	4 17	20 57	2 32	3 42	0 56	5 19	2 45	3 6	0 32	10 19	1 24	36 8	16 45	16 22	16 29	17 40		n.a.	T 19
F 20	13 36	20 32	2 29	14 27	0 31	8 36	4 20	21 7	2 31	3 37	0 55	5 21	2 45	3 5	0 32	10 19	1 24	36 7	16 45	16 22	16 28	17 41		n.a.	F 20
S 21	13 15	20 36	3 28	13 48	0 25	9 1	4 24	21 16	2 29	3 32	0 55	5 22	2 46	3 5	0 32	10 19	1 24	36 7	16 45	16 21	16 27	17 42		n.a.	S 21
S 22	12 53	19 25	4 15	13 9	0 19	9 25	4 27	21 26	2 28	3 26	0 55	5 24	2 46	3 4	0 32	10 19	1 24	36 7	16 46	16 19	16 26	17 43		n.a.	S 22
M23	12 32	17 5	4 46	12 30	0 13	9 49	4 30	21 35	2 27	3 21	0 55	5 26	2 46	3 3	0 32	10 18	1 24	36 6	16 46	16 16	16 25	17 44		n.a.	M23
T 24	12 10	13 49	5 1	11 49	0 6	10 12	4 33	21 44	2 26	3 15	0 55	5 28	2 46	3 2	0 32	10 18	1 25	36 6	16 46	16 13	16 24	17 45		n.a.	T 24
W25	11 48	9 54	4 58	11 9	0s 0	10 34	4 36	21 53	2 25	3 10	0 55	5 30	2 46	3 2	0 32	10 18	1 25	36 6	16 46	16 9	16 23	17 46		n.a.	W25
T 26	11 26	5 33	4 39	10 28	0 6	10 56	4 39	22 2	2 24	3 4	0 54	5 32	2 46	3 1	0 32	10 18	1 25	36 5	16 46	16 5	16 22	17 47		n.a.	T 26
F 27	11 3	1 3	4 6	9 47	0 13	11 18	4 41	22 11	2 23	2 59	0 54	5 34	2 46	3 0	0 32	10 17	1 25	36 5	16 47	16 1	16 21	17 48		n.a.	F 27
S 28	10 41	3s24	3 21	9 6	0 19	11 39	4 44	22 19	2 22	2 53	0 54	5 36	2 46	2 59	0 32	10 17	1 25	36 4	16 47	15 58	16 20	17 49		n.a.	S 28
S 29	10 18	7 37	2 28	8 24	0 25	11 59	4 46	22 28	2 21	2 47	0 54	5 37	2 46	2 58	0 32	10 17	1 25	36 4	16 47	15 56	16 19	17 50		n.a.	S 29
M30	9n55	11s26	1s28	7n42	0s32	12s19	4s48	22s36	2s19	2n42	0n54	5s39	2s46	2n58	0s32	10n16	1s25	36n 4	16n48	15s55	16s18	17s51		n.a.	M30

Julian Day Number = 192729.5, Delta T = 32h24m56s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'17, Lahiri = -61°27'17 Julian Calendar 1 Sept. 4186 BCE == Greg. Calendar 30 July 4186 BCE

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

OCTOBER 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 27 32	6♍ 5'06	7♏17	11♍10	20♎24	28♏57	25♍37	22°R15	8°R26	29°R26	3♌51	12°D 9	13♏22	21♏ 5	n.a.	T 1
W 2	22 31 29	7° 6'22	19° 6	12°45	21° 8	29°37	25°51	22♓11	8♈23	29♈25	3°53	12♏ 9	13°19	21°12	n.a.	W 2
T 3	22 35 25	8° 7'38	0♐53	14°19	21°50	0♐17	26° 4	22° 6	8°21	29°24	3°55	12° 9	13°15	21°18	n.a.	T 3
F 4	22 39 22	9° 8'55	12°44	15°53	22°32	0°57	26°18	22° 1	8°19	29°23	3°57	12°R 9	13°12	21°25	n.a.	F 4
S 5	22 43 19	10°10'13	24°43	17°27	23°12	1°37	26°31	21°56	8°17	29°22	3°59	12° 8	13° 9	21°32	n.a.	S 5
S 6	22 47 15	11°11'31	6♑57	19° 1	23°51	2°17	26°45	21°51	8°15	29°21	4° 1	12° 5	13° 6	21°38	n.a.	S 6
M 7	22 51 12	12°12'50	19°29	20°34	24°29	2°57	26°59	21°46	8°13	29°20	4° 3	11°59	13° 3	21°45	n.a.	M 7
T 8	22 55 8	13°14'09	2♒24	22° 8	25° 5	3°37	27°12	21°41	8°10	29°19	4° 5	11°51	13° 0	21°52	n.a.	T 8
W 9	22 59 5	14°15'28	15°42	23°42	25°40	4°18	27°26	21°36	8° 8	29°18	4° 7	11°41	12°56	21°58	n.a.	W 9
T 10	23 3 1	15°16'48	29°23	25°16	26°14	4°58	27°40	21°32	8° 6	29°17	4° 9	11°31	12°53	22° 5	n.a.	T 10
F 11	23 6 58	16°18'08	13♓25	26°50	26°46	5°38	27°53	21°26	8° 3	29°16	4°11	11°21	12°50	22°12	n.a.	F 11
S 12	23 10 55	17°19'29	27°43	28°24	27°17	6°18	28° 7	21°21	8° 1	29°15	4°13	11°13	12°47	22°18	n.a.	S 12
S 13	23 14 51	18°20'50	12♈11	29°58	27°46	6°59	28°21	21°16	7°59	29°14	4°15	11° 8	12°44	22°25	n.a.	S 13
M14	23 18 48	19°22'12	26°42	1♎31	28°13	7°39	28°35	21°11	7°56	29°12	4°17	11° 4	12°41	22°31	n.a.	M14
T 15	23 22 44	20°23'35	11♉12	3° 5	28°39	8°19	28°48	21° 6	7°54	29°11	4°19	11°D 3	12°37	22°38	n.a.	T 15
W16	23 26 41	21°24'58	25°35	4°38	29° 2	9° 0	29° 2	21° 1	7°51	29°10	4°21	11° 4	12°34	22°45	n.a.	W16
T 17	23 30 37	22°26'22	9♊49	6°11	29°24	9°40	29°16	20°56	7°49	29° 9	4°22	11° 5	12°31	22°51	n.a.	T 17
F 18	23 34 34	23°27'46	23°52	7°44	29°44	10°21	29°30	20°51	7°46	29° 7	4°24	11°R 6	12°28	22°58	n.a.	F 18
S 19	23 38 30	24°29'11	7♋44	9°16	0♏ 2	11° 1	29°44	20°46	7°44	29° 6	4°26	11° 5	12°25	23° 5	n.a.	S 19
S 20	23 42 27	25°30'36	21°24	10°48	0°18	11°42	29°57	20°41	7°41	29° 5	4°28	11° 2	12°21	23°11	n.a.	S 20
M21	23 46 24	26°32'02	4♌53	12°20	0°32	12°22	0♎11	20°36	7°39	29° 3	4°29	10°57	12°18	23°18	n.a.	M21
T 22	23 50 20	27°33'28	18° 9	13°50	0°44	13° 3	0°25	20°31	7°36	29° 2	4°31	10°50	12°15	23°25	n.a.	T 22
W23	23 54 17	28°34'54	1♍13	15°19	0°54	13°43	0°39	20°26	7°34	29° 1	4°33	10°42	12°12	23°31	n.a.	W23
T 24	23 58 13	29°36'20	14° 5	16°48	1° 1	14°24	0°53	20°21	7°31	28°59	4°34	10°35	12° 9	23°38	n.a.	T 24
F 25	0 2 10	0♎37'46	26°43	18°14	1° 6	15° 4	1° 7	20°16	7°29	28°58	4°36	10°27	12° 6	23°45	n.a.	F 25
S 26	0 6 6	1°39'12	9♎ 8	19°40	1° 8	15°45	1°21	20°11	7°26	28°56	4°38	10°22	12° 2	23°51	n.a.	S 26
S 27	0 10 3	2°40'38	21°21	21° 3	1°R 8	16°26	1°35	20° 7	7°24	28°55	4°39	10°18	11°59	23°58	n.a.	S 27
M28	0 14 0	3°42'03	3♏23	22°23	1° 6	17° 6	1°48	20° 2	7°21	28°53	4°41	10°16	11°56	24° 5	n.a.	M28
T 29	0 17 56	4°43'29	15°17	23°41	1° 1	17°47	2° 2	19°57	7°18	28°52	4°42	10°D16	11°53	24°11	n.a.	T 29
W30	0 21 53	5°44'54	27° 5	24°55	0°53	18°28	2°16	19°52	7°16	28°50	4°44	10°17	11°50	24°18	n.a.	W30
T 31	0 25 49	6♎46'18	8♐51	26♎ 5	0♏43	19♐ 8	2♎30	19♓47	7♈13	28♈49	4♌45	10♏19	11♏46	24♏25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9n32	14s44	0s26	7n 0	0s38	12s39	4s50	22s44	2s18	2n36	0n54	5s41	2s46	2n57	0s32	10n16	1s25	36n 4	16n48	15s55	16s17	17s52			n.a.
W 2	9 9	17 24	0n37	6 17	0 44	12 57	4 52	22 52	2 17	2 31	0 54	5 43	2 46	2 56	0 32	10 16	1 25	36 3	16 48	15 55	16 17	17 53			n.a.
T 3	8 45	19 18	1 39	5 35	0 50	13 15	4 53	23 0	2 16	2 25	0 53	5 45	2 47	2 55	0 32	10 15	1 25	36 3	16 48	15 55	16 16	17 54			n.a.
F 4	8 22	20 23	2 36	4 52	0 56	13 32	4 55	23 7	2 15	2 19	0 53	5 47	2 47	2 54	0 32	10 15	1 25	36 3	16 49	15 55	16 15	17 55			n.a.
S 5	7 58	20 33	3 27	4 9	1 2	13 49	4 56	23 15	2 14	2 14	0 53	5 49	2 47	2 53	0 32	10 15	1 25	36 2	16 49	15 54	16 14	17 56			n.a.
S 6	7 34	19 45	4 10	3 26	1 8	14 5	4 57	23 22	2 13	2 8	0 53	5 51	2 47	2 52	0 32	10 14	1 25	36 2	16 49	15 53	16 13	17 57			n.a.
M 7	7 10	18 0	4 43	2 43	1 13	14 20	4 57	23 29	2 12	2 2	0 53	5 53	2 47	2 52	0 32	10 14	1 25	36 2	16 50	15 52	16 12	17 58			n.a.
T 8	6 46	15 18	5 1	2 0	1 19	14 34	4 58	23 36	2 11	1 57	0 53	5 55	2 47	2 51	0 32	10 13	1 25	36 2	16 50	15 49	16 11	17 59			n.a.
W 9	6 22	11 44	5 5	1 17	1 24	14 47	4 58	23 43	2 9	1 51	0 53	5 57	2 47	2 50	0 32	10 13	1 25	36 2	16 50	15 46	16 10	18 0			n.a.
T 10	5 57	7 29	4 51	0 34	1 29	15 0	4 58	23 50	2 8	1 45	0 53	5 59	2 47	2 49	0 32	10 13	1 25	36 1	16 51	15 43	16 9	18 0			n.a.
F 11	5 33	2 43	4 20	0s 8	1 34	15 12	4 57	23 56	2 7	1 40	0 52	6 1	2 47	2 48	0 32	10 12	1 25	36 1	16 51	15 40	16 8	18 1			n.a.
S 12	5 9	2n17	3 31	0 51	1 39	15 22	4 56	24 2	2 6	1 34	0 52	6 3	2 47	2 47	0 32	10 12	1 25	36 1	16 52	15 37	16 7	18 2			n.a.
S 13	4 44	7 13	2 29	1 33	1 43	15 32	4 55	24 8	2 5	1 28	0 52	6 6	2 47	2 46	0 32	10 11	1 25	36 1	16 52	15 35	16 6	18 3			n.a.
M14	4 19	11 46	1 17	2 16	1 48	15 41	4 54	24 14	2 4	1 22	0 52	6 8	2 47	2 45	0 32	10 11	1 25	36 1	16 52	15 34	16 5	18 4			n.a.
T 15	3 55	15 36	0s 1	2 57	1 52	15 49	4 52	24 20	2 3	1 17	0 52	6 10	2 47	2 44	0 32	10 10	1 25	36 1	16 53	15 34	16 4	18 5			n.a.
W16	3 30	18 27	1 18	3 39	1 55	15 56	4 50	24 25	2 2	1 11	0 52	6 12	2 46	2 43	0 32	10 10	1 25	36 0	16 53	15 34	16 3	18 6			n.a.
T 17	3 5	20 6	2 29	4 20	1 59	16 2	4 48	24 31	2 1	1 5	0 52	6 14	2 46	2 42	0 32	10 9	1 25	36 0	16 54	15 35	16 2	18 7			n.a.
F 18	2 40	20 28	3 30	5 0	2 2	16 7	4 45	24 36	2 0	0 59	0 52	6 16	2 46	2 41	0 32	10 9	1 25	36 0	16 54	15 35	16 1	18 8			n.a.
S 19	2 15	19 35	4 19	5 40	2 4	16 10	4 41	24 41	1 58	0 54	0 52	6 18	2 46	2 40	0 32	10 8	1 25	36 0	16 54	15 34	16 0	18 8			n.a.
S 20	1 50	17 34	4 51	6 20	2 7	16 13	4 38	24 46	1 57	0 48	0 51	6 19	2 46	2 39	0 32	10 8	1 25	36 0	16 55	15 33	15 59	18 9			n.a.
M21	1 25	14 37	5 7	6 58	2 9	16 14	4 34	24 50	1 56	0 42	0 51	6 21	2 46	2 38	0 32	10 7	1 25	36 0	16 55	15 32	15 58	18 10			n.a.
T 22	1 0	10 58	5 7	7 35	2 10	16 14	4 29	24 54	1 55	0 36	0 51	6 23	2 46	2 37	0 32	10 7	1 25	36 0	16 56	15 30	15 57	18 11			n.a.
W23	0 35	6 51	4 50	8 12	2 11	16 13	4 24	24 59	1 54	0 31	0 51	6 25	2 46	2 36	0 32	10 6	1 25	36 0	16 56	15 27	15 56	18 12			n.a.
T 24	0 10	2 29	4 18	8 47	2 11	16 10	4 19	25 3	1 53	0 25	0 51	6 27	2 46	2 35	0 32	10 6	1 25	36 0	16 57	15 25	15 55	18 13			n.a.
F 25	0s15	1s56	3 35	9 21	2 10	16 6	4 13	25 6	1 52	0 19	0 51	6 29	2 46	2 34	0 32	10 5	1 25	36 0	16 57	15 22	15 54	18 14			n.a.
S 26	0 41	6 11	2 41	9 53	2 9	16 1	4 6	25 10	1 51	0 13	0 51	6 31	2 46	2 33	0 32	10 5	1 25	36 0	16 58	15 21	15 53	18 15			n.a.
S 27	1 6	10 7	1 41	10 24	2 7	15 55	3 59	25 13	1 50	0 8	0 51	6 33	2 46	2 32	0 32	10 4	1 25	36 0	16 58	15 19	15 52	18 15			n.a.
M28	1 31	13 35	0 38	10 52	2 5	15 47	3 51	25 16	1 49	0 2	0 51	6 35	2 45	2 31	0 32	10 4	1 25	36 0	16 58	15 19	15 51	18 16			n.a.
T 29	1 56	16 26	0n27	11 19	2 1	15 37	3 43	25 19	1 48	0s 4	0 51	6 37	2 45	2 30	0 32	10 3	1 25	36 0	16 59	15 19	15 50	18 17			n.a.
W30	2 21	18 35	1 31	11 43	1 57	15 26	3 35	25 22	1 47	0 10	0 50	6 38	2 45	2 29	0 32	10 3	1 25	36 0	16 59	15 19	15 49	18 18			n.a.
T 31	2s46	19s55	2n30	12s 4	1s51	15s14	3s25	25s24	1s45	0s15	0n50	6s40	2s45	2n28	0s32	10n 2	1s25	36n 0	17n 0	15s20	15s48	18s19			n.a.

Julian Day Number = 192759.5, Delta T = 32h24m53s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'13, Lahiri = -61°27'12 Julian Calendar 1 Oct. 4186 BCE == Greg. Calendar 29 Aug. 4186 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

NOVEMBER 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 29 46	7♎47'42	20♐41	27♎10	0°R31	19♐49	2♎44	19°R43	7°R11	28°R47	4♌46	10♏21	11♏43	24♏31	n.a.	F 1
S 2	0 33 43	8°49'05	2♑39	28°10	0♏15	20°30	2°58	19♓38	7♈ 8	28♈46	4°48	10°22	11°40	24°38	n.a.	S 2
S 3	0 37 39	9°50'27	14°49	29° 4	29♎58	21°11	3°12	19°34	7° 5	28°44	4°49	10°R22	11°37	24°44	n.a.	S 3
M 4	0 41 36	10°51'49	27°18	29°51	29°38	21°51	3°25	19°29	7° 3	28°42	4°50	10°20	11°34	24°51	n.a.	M 4
T 5	0 45 32	11°53'10	10♒10	0♏30	29°15	22°32	3°39	19°25	7° 0	28°41	4°52	10°18	11°31	24°58	n.a.	T 5
W 6	0 49 29	12°54'30	23°26	0°59	28°51	23°13	3°53	19°20	6°58	28°39	4°53	10°14	11°27	25° 4	n.a.	W 6
T 7	0 53 25	13°55'49	7♓10	1°20	28°24	23°53	4° 7	19°16	6°55	28°38	4°54	10°10	11°24	25°11	n.a.	T 7
F 8	0 57 22	14°57'07	21°20	1°R29	27°55	24°34	4°21	19°11	6°53	28°36	4°55	10° 6	11°21	25°18	n.a.	F 8
S 9	1 1 19	15°58'25	5♈52	1°27	27°25	25°15	4°34	19° 7	6°50	28°34	4°56	10° 3	11°18	25°24	n.a.	S 9
S 10	1 5 15	16°59'41	20°40	1°14	26°53	25°56	4°48	19° 3	6°47	28°33	4°57	10° 1	11°15	25°31	n.a.	S 10
M11	1 9 12	18° 0'57	5♉36	0°49	26°19	26°36	5° 2	18°59	6°45	28°31	4°58	10°D 0	11°12	25°38	n.a.	M11
T 12	1 13 8	19° 2'12	20°33	0°12	25°44	27°17	5°16	18°55	6°42	28°29	5° 0	10° 0	11° 8	25°44	n.a.	T 12
W13	1 17 5	20° 3'27	5♊22	29♎25	25° 8	27°58	5°29	18°51	6°40	28°28	5° 1	10° 1	11° 5	25°51	n.a.	W13
T 14	1 21 1	21° 4'41	19°58	28°27	24°32	28°38	5°43	18°47	6°37	28°26	5° 1	10° 2	11° 2	25°58	n.a.	T 14
F 15	1 24 58	22° 5'54	4♋16	27°22	23°55	29°19	5°57	18°43	6°35	28°24	5° 2	10° 3	10°59	26° 4	n.a.	F 15
S 16	1 28 55	23° 7'07	18°13	26°10	23°18	29°59	6°10	18°40	6°32	28°23	5° 3	10°R 4	10°56	26°11	n.a.	S 16
S 17	1 32 51	24° 8'19	1♌51	24°54	22°40	0♑41	6°24	18°36	6°30	28°21	5° 4	10° 4	10°52	26°18	n.a.	S 17
M18	1 36 48	25° 9'30	15°10	23°37	22° 3	1°21	6°37	18°33	6°28	28°19	5° 5	10° 3	10°49	26°24	n.a.	M18
T 19	1 40 44	26°10'40	28°10	22°20	21°27	2° 2	6°51	18°29	6°25	28°18	5° 6	10° 2	10°46	26°31	n.a.	T 19
W20	1 44 41	27°11'49	10♍56	21° 7	20°52	2°43	7° 4	18°26	6°23	28°16	5° 7	10° 0	10°43	26°38	n.a.	W20
T 21	1 48 37	28°12'58	23°27	19°58	20°17	3°23	7°18	18°23	6°20	28°14	5° 7	9°58	10°40	26°44	n.a.	T 21
F 22	1 52 34	29°14'05	5♎46	18°55	19°44	4° 4	7°31	18°19	6°18	28°12	5° 8	9°56	10°37	26°51	n.a.	F 22
S 23	1 56 31	0♏15'11	17°56	18° 1	19°12	4°45	7°45	18°16	6°16	28°11	5° 9	9°55	10°33	26°57	n.a.	S 23
S 24	2 0 27	1°16'16	29°57	17°15	18°42	5°25	7°58	18°13	6°13	28° 9	5° 9	9°54	10°30	27° 4	n.a.	S 24
M25	2 4 24	2°17'20	11♏51	16°37	18°14	6° 6	8°11	18°10	6°11	28° 7	5°10	9°D54	10°27	27°11	n.a.	M25
T 26	2 8 20	3°18'22	23°41	16° 9	17°48	6°47	8°25	18° 8	6° 9	28° 6	5°10	9°55	10°24	27°17	n.a.	T 26
W27	2 12 17	4°19'23	5♐28	15°49	17°24	7°27	8°38	18° 5	6° 7	28° 4	5°11	9°55	10°21	27°24	n.a.	W27
T 28	2 16 13	5°20'22	17°16	15°38	17° 2	8° 8	8°51	18° 2	6° 5	28° 2	5°11	9°56	10°17	27°31	n.a.	T 28
F 29	2 20 10	6°21'20	29° 7	15°D35	16°43	8°49	9° 4	18° 0	6° 2	28° 1	5°12	9°56	10°14	27°37	n.a.	F 29
S 30	2 24 7	7♏22'16	11♑ 6	15♎39	16♎25	9♑29	9♎17	17♓57	6♈ 0	27♈59	5♌12	9♏56	10♏11	27♏44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	3 s11	20 s23	3n24	12 s22	1 s45	15 s 1	3 s16	25 s27	1 s44	0 s21	0n50	6 s42	2 s45	2n27	0 s32	10n 1	1 s25	36n 0	17n 0	15 s20	15 s47	18 s20			n.a.
S 2	3 35	19 56	4 9	12 37	1 37	14 45	3 5	25 29	1 43	0 27	0 50	6 44	2 45	2 25	0 32	10 1	1 25	36 1	17 1	15 21	15 46	18 20			n.a.
S 3	4 0	18 34	4 44	12 49	1 28	14 29	2 54	25 31	1 42	0 33	0 50	6 45	2 45	2 24	0 32	10 0	1 25	36 1	17 1	15 21	15 45	18 21			n.a.
M 4	4 25	16 17	5 6	12 56	1 18	14 11	2 43	25 32	1 41	0 38	0 50	6 47	2 44	2 23	0 32	10 0	1 25	36 1	17 2	15 20	15 44	18 22			n.a.
T 5	4 50	13 9	5 14	12 59	1 6	13 52	2 31	25 34	1 40	0 44	0 50	6 49	2 44	2 22	0 32	9 59	1 25	36 1	17 3	15 19	15 43	18 23			n.a.
W 6	5 14	9 17	5 6	12 58	0 53	13 31	2 19	25 35	1 39	0 50	0 50	6 50	2 44	2 21	0 32	9 58	1 25	36 1	17 3	15 18	15 42	18 24			n.a.
T 7	5 39	4 48	4 40	12 52	0 39	13 9	2 6	25 36	1 38	0 55	0 50	6 52	2 44	2 20	0 32	9 58	1 25	36 1	17 4	15 17	15 41	18 24			n.a.
F 8	6 3	0n 5	3 57	12 41	0 23	12 46	1 52	25 37	1 37	1 1	0 50	6 53	2 44	2 19	0 32	9 57	1 25	36 2	17 4	15 15	15 40	18 25			n.a.
S 9	6 27	5 5	2 57	12 24	0 6	12 22	1 38	25 37	1 36	1 7	0 50	6 55	2 43	2 18	0 32	9 57	1 25	36 2	17 5	15 14	15 39	18 26			n.a.
S 10	6 51	9 54	1 45	12 3	0n12	11 57	1 24	25 38	1 35	1 12	0 50	6 56	2 43	2 17	0 32	9 56	1 25	36 2	17 5	15 14	15 38	18 27			n.a.
M11	7 15	14 8	0 24	11 36	0 31	11 31	1 10	25 38	1 34	1 18	0 49	6 58	2 43	2 16	0 32	9 55	1 25	36 2	17 6	15 13	15 37	18 28			n.a.
T 12	7 39	17 28	0 s58	11 5	0 50	11 4	0 55	25 38	1 33	1 24	0 49	6 59	2 43	2 15	0 32	9 55	1 25	36 2	17 6	15 13	15 36	18 28			n.a.
W13	8 3	19 34	2 16	10 29	1 10	10 37	0 40	25 38	1 32	1 29	0 49	7 1	2 43	2 14	0 32	9 54	1 25	36 3	17 7	15 14	15 34	18 29			n.a.
T 14	8 27	20 20	3 24	9 50	1 30	10 9	0 25	25 37	1 31	1 35	0 49	7 2	2 42	2 13	0 32	9 54	1 25	36 3	17 7	15 14	15 33	18 30			n.a.
F 15	8 50	19 45	4 17	9 8	1 49	9 41	0 9	25 37	1 30	1 40	0 49	7 3	2 42	2 12	0 32	9 53	1 25	36 3	17 8	15 15	15 32	18 31			n.a.
S 16	9 14	17 59	4 54	8 24	2 8	9 12	0n 6	25 36	1 29	1 46	0 49	7 5	2 42	2 11	0 32	9 52	1 25	36 3	17 9	15 15	15 31	18 31			n.a.
S 17	9 37	15 13	5 14	7 40	2 25	8 44	0 21	25 35	1 28	1 52	0 49	7 6	2 42	2 10	0 32	9 52	1 25	36 4	17 9	15 15	15 30	18 32			n.a.
M18	10 0	11 43	5 16	6 57	2 40	8 16	0 36	25 33	1 27	1 57	0 49	7 7	2 41	2 9	0 32	9 51	1 25	36 4	17 10	15 15	15 29	18 33			n.a.
T 19	10 23	7 45	5 1	6 16	2 54	7 48	0 51	25 32	1 26	2 3	0 49	7 8	2 41	2 8	0 32	9 51	1 25	36 4	17 10	15 14	15 28	18 34			n.a.
W20	10 46	3 30	4 32	5 37	3 5	7 21	1 6	25 30	1 25	2 8	0 49	7 9	2 41	2 7	0 31	9 50	1 25	36 5	17 11	15 13	15 27	18 35			n.a.
T 21	11 8	0 s50	3 50	5 2	3 14	6 54	1 21	25 28	1 24	2 14	0 49	7 10	2 41	2 6	0 31	9 49	1 25	36 5	17 11	15 13	15 26	18 35			n.a.
F 22	11 30	5 4	2 59	4 32	3 20	6 28	1 35	25 26	1 23	2 19	0 49	7 11	2 40	2 5	0 31	9 49	1 25	36 5	17 12	15 12	15 25	18 36			n.a.
S 23	11 53	9 3	1 59	4 7	3 25	6 3	1 49	25 23	1 22	2 25	0 49	7 12	2 40	2 5	0 31	9 48	1 25	36 6	17 12	15 12	15 24	18 37			n.a.
S 24	12 15	12 37	0 55	3 47	3 27	5 39	2 2	25 21	1 21	2 30	0 49	7 13	2 40	2 4	0 31	9 48	1 25	36 6	17 13	15 12	15 23	18 37			n.a.
M25	12 36	15 39	0n11	3 31	3 28	5 16	2 15	25 18	1 20	2 36	0 49	7 14	2 40	2 3	0 31	9 47	1 25	36 7	17 14	15 12	15 22	18 38			n.a.
T 26	12 58	18 0	1 16	3 21	3 27	4 55	2 28	25 15	1 19	2 41	0 49	7 15	2 39	2 2	0 31	9 46	1 25	36 7	17 14	15 12	15 21	18 39			n.a.
W27	13 19	19 34	2 18	3 16	3 24	4 34	2 40	25 12	1 18	2 46	0 49	7 16	2 39	2 1	0 31	9 46	1 25	36 7	17 15	15 12	15 20	18 40			n.a.
T 28	13 40	20 17	3 13	3 15	3 20	4 15	2 51	25 8	1 17	2 52	0 49	7 17	2 39	2 0	0 31	9 45	1 25	36 8	17 15	15 12	15 19	18 40			n.a.
F 29	14 1	20 5	4 1	3 18	3 15	3 58	3 2	25 4	1 16	2 57	0 48	7 18	2 38	1 59	0 31	9 45	1 25	36 8	17 16	15 12	15 18	18 41			n.a.
S 30	14 s21	19 s 0	4n39	3 s25	3n10	3 s41	3n12	25 s 1	1 s15	3 s 2	0n48	7 s18	2 s38	1n58	0 s31	9n44	1 s25	36n 9	17n17	15 s12	15 s17	18 s42			n.a.

Julian Day Number = 192790.5, Delta T = 32h24m50s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'09, Lahiri = -61°27'08 Julian Calendar 1 Nov. 4186 BCE == Greg. Calendar 29 Sept. 4186 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4186 BCE
geocentric

DECEMBER 4186 BCE (-4185) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 28 3	8♏23'10	23♉15	15♎51	16°R11	10♉10	9♎30	17°R55	5°R58	27°R57	5♌12	9♏57	10♏ 8	27♏51	n.a.	S 1
M 2	2 32 0	9°24'03	5♒40	16° 9	15♎58	10°50	9°43	17♓53	5♈56	27♈56	5°13	9°57	10° 5	27°57	n.a.	M 2
T 3	2 35 56	10°24'53	18°25	16°34	15°49	11°31	9°56	17°51	5°54	27°54	5°13	9°57	10° 2	28° 4	n.a.	T 3
W 4	2 39 53	11°25'42	1♓34	17° 4	15°41	12°12	10° 9	17°49	5°52	27°52	5°13	9°57	9°58	28°11	n.a.	W 4
T 5	2 43 49	12°26'29	15° 9	17°39	15°37	12°52	10°22	17°47	5°50	27°51	5°14	9°57	9°55	28°17	n.a.	T 5
F 6	2 47 46	13°27'13	29°11	18°18	15°D34	13°33	10°35	17°45	5°48	27°49	5°14	9°57	9°52	28°24	n.a.	F 6
S 7	2 51 43	14°27'56	13♈40	19° 2	15°34	14°13	10°47	17°44	5°46	27°47	5°14	9°58	9°49	28°31	n.a.	S 7
S 8	2 55 39	15°28'37	28°31	19°50	15°37	14°54	11° 0	17°42	5°45	27°46	5°14	9°58	9°46	28°37	n.a.	S 8
M 9	2 59 36	16°29'17	13♉37	20°42	15°42	15°34	11°13	17°41	5°43	27°44	5°14	9°R58	9°43	28°44	n.a.	M 9
T 10	3 3 32	17°29'54	28°50	21°36	15°49	16°15	11°25	17°40	5°41	27°43	5°R14	9°58	9°39	28°51	n.a.	T 10
W11	3 7 29	18°30'30	14♊ 1	22°34	15°59	16°55	11°38	17°38	5°39	27°41	5°14	9°57	9°36	28°57	n.a.	W11
T 12	3 11 25	19°31'04	28°58	23°35	16°11	17°36	11°50	17°37	5°38	27°39	5°14	9°56	9°33	29° 4	n.a.	T 12
F 13	3 15 22	20°31'36	13♋36	24°38	16°25	18°16	12° 2	17°36	5°36	27°38	5°14	9°55	9°30	29°11	n.a.	F 13
S 14	3 19 19	21°32'07	27°50	25°43	16°41	18°56	12°15	17°35	5°34	27°36	5°14	9°54	9°27	29°17	n.a.	S 14
S 15	3 23 15	22°32'36	11♌37	26°51	16°59	19°37	12°27	17°35	5°33	27°35	5°14	9°53	9°23	29°24	n.a.	S 15
M16	3 27 12	23°33'04	24°58	28° 1	17°19	20°17	12°39	17°34	5°31	27°33	5°14	9°D53	9°20	29°31	n.a.	M16
T 17	3 31 8	24°33'29	7♍55	29°12	17°41	20°57	12°51	17°34	5°30	27°32	5°13	9°53	9°17	29°37	n.a.	T 17
W18	3 35 5	25°33'54	20°32	0♏26	18° 5	21°38	13° 3	17°33	5°29	27°30	5°13	9°54	9°14	29°44	n.a.	W18
T 19	3 39 1	26°34'16	2♎52	1°41	18°30	22°18	13°15	17°33	5°27	27°29	5°13	9°55	9°11	29°50	n.a.	T 19
F 20	3 42 58	27°34'36	14°59	2°57	18°58	22°58	13°27	17°33	5°26	27°28	5°12	9°57	9° 8	29°57	n.a.	F 20
S 21	3 46 55	28°34'55	26°57	4°15	19°27	23°39	13°39	17°D33	5°25	27°26	5°12	9°58	9° 4	0♐ 4	n.a.	S 21
S 22	3 50 51	29°35'12	8♏49	5°35	19°57	24°19	13°50	17°33	5°23	27°25	5°12	9°R59	9° 1	0°10	n.a.	S 22
M23	3 54 48	0♐35'27	20°37	6°56	20°29	24°59	14° 2	17°33	5°22	27°23	5°11	9°58	8°58	0°17	n.a.	M23
T 24	3 58 44	1°35'40	2♐25	8°18	21° 2	25°39	14°14	17°33	5°21	27°22	5°11	9°57	8°55	0°24	n.a.	T 24
W25	4 2 41	2°35'50	14°13	9°42	21°37	26°20	14°25	17°34	5°20	27°21	5°10	9°54	8°52	0°30	n.a.	W25
T 26	4 6 37	3°35'59	26° 5	11° 7	22°13	27° 0	14°36	17°34	5°19	27°19	5°10	9°50	8°49	0°37	n.a.	T 26
F 27	4 10 34	4°36'05	8♑ 2	12°33	22°50	27°40	14°48	17°35	5°18	27°18	5° 9	9°46	8°45	0°44	n.a.	F 27
S 28	4 14 30	5°36'09	20° 6	14° 0	23°29	28°20	14°59	17°36	5°17	27°17	5° 9	9°42	8°42	0°50	n.a.	S 28
S 29	4 18 27	6°36'11	2♒21	15°29	24° 9	29° 0	15°10	17°37	5°16	27°16	5° 8	9°38	8°39	0°57	n.a.	S 29
M30	4 22 24	7°36'10	14°48	16°58	24°50	29°40	15°21	17°38	5°15	27°14	5° 7	9°34	8°36	1° 4	n.a.	M30
T 31	4 26 20	8♐36'07	27♒31	18♏29	25♎31	0♒21	15♎32	17♓39	5♈14	27♈13	5♌ 7	9♏32	8♏33	1♐10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	14s42	17s 2	5n 5	3s36	3n 3	3s27	3n22	24s56	1s14	3s 8	0n48	7s19	2s38	1n58	0s31	9n43	1s25	36n 9	17n17	15s12	15s16	18s43		n.a.
M 2	15 2	14 16	5 18	3 50	2 56	3 13	3 31	24 52	1 13	3 13	0 48	7 19	2 38	1 57	0 31	9 43	1 25	36 10	17 18	15 12	15 15	18 43		n.a.
T 3	15 21	10 45	5 15	4 7	2 48	3 2	3 39	24 48	1 12	3 18	0 48	7 20	2 37	1 56	0 31	9 42	1 25	36 10	17 18	15 12	15 14	18 44		n.a.
W 4	15 41	6 37	4 56	4 26	2 40	2 52	3 47	24 43	1 11	3 24	0 48	7 21	2 37	1 55	0 31	9 42	1 25	36 11	17 19	15 12	15 13	18 45		n.a.
T 5	16 0	2 2	4 20	4 47	2 31	2 43	3 55	24 38	1 10	3 29	0 48	7 21	2 37	1 54	0 31	9 41	1 25	36 11	17 19	15 13	15 12	18 45		n.a.
F 6	16 19	2n50	3 28	5 11	2 23	2 36	4 2	24 33	1 9	3 34	0 48	7 21	2 36	1 54	0 31	9 40	1 25	36 12	17 20	15 13	15 11	18 46		n.a.
S 7	16 38	7 42	2 21	5 36	2 14	2 30	4 8	24 28	1 8	3 39	0 48	7 22	2 36	1 53	0 31	9 40	1 25	36 12	17 21	15 13	15 10	18 47		n.a.
S 8	16 56	12 14	1 3	6 3	2 5	2 25	4 14	24 22	1 7	3 44	0 48	7 22	2 36	1 52	0 31	9 39	1 25	36 13	17 21	15 13	15 9	18 47		n.a.
M 9	17 14	16 3	0s20	6 32	1 55	2 23	4 19	24 16	1 6	3 49	0 48	7 22	2 35	1 52	0 31	9 39	1 25	36 13	17 22	15 13	15 8	18 48		n.a.
T 10	17 32	18 47	1 43	7 1	1 46	2 21	4 24	24 11	1 5	3 54	0 48	7 23	2 35	1 51	0 31	9 38	1 25	36 14	17 22	15 13	15 7	18 49		n.a.
W11	17 49	20 10	2 58	7 32	1 37	2 21	4 28	24 5	1 5	3 59	0 48	7 23	2 35	1 50	0 31	9 38	1 25	36 14	17 23	15 13	15 6	18 49		n.a.
T 12	18 6	20 6	4 0	8 3	1 28	2 22	4 32	23 58	1 4	4 4	0 48	7 23	2 35	1 50	0 31	9 37	1 25	36 15	17 24	15 12	15 5	18 50		n.a.
F 13	18 23	18 40	4 45	8 36	1 18	2 24	4 36	23 52	1 3	4 9	0 48	7 23	2 34	1 49	0 31	9 37	1 25	36 15	17 24	15 12	15 4	18 51		n.a.
S 14	18 39	16 6	5 11	9 9	1 9	2 28	4 39	23 45	1 2	4 14	0 48	7 23	2 34	1 48	0 31	9 36	1 25	36 16	17 25	15 11	15 3	18 51		n.a.
S 15	18 55	12 42	5 17	9 42	1 0	2 32	4 42	23 38	1 1	4 19	0 48	7 23	2 34	1 48	0 31	9 35	1 25	36 17	17 25	15 11	15 2	18 52		n.a.
M16	19 11	8 46	5 7	10 16	0 51	2 38	4 44	23 31	1 0	4 24	0 48	7 23	2 33	1 47	0 31	9 35	1 25	36 17	17 26	15 11	15 1	18 53		n.a.
T 17	19 26	4 31	4 41	10 51	0 42	2 45	4 46	23 24	0 59	4 29	0 48	7 23	2 33	1 47	0 31	9 34	1 25	36 18	17 26	15 11	15 0	18 53		n.a.
W18	19 41	0 10	4 1	11 25	0 33	2 53	4 47	23 17	0 58	4 34	0 48	7 23	2 33	1 46	0 31	9 34	1 25	36 18	17 27	15 12	14 58	18 54		n.a.
T 19	19 56	4s 5	3 12	12 0	0 25	3 1	4 48	23 9	0 57	4 39	0 48	7 23	2 32	1 45	0 31	9 33	1 25	36 19	17 27	15 12	14 57	18 55		n.a.
F 20	20 10	8 7	2 14	12 35	0 16	3 11	4 49	23 1	0 56	4 43	0 48	7 22	2 32	1 45	0 31	9 33	1 25	36 20	17 28	15 12	14 56	18 55		n.a.
S 21	20 24	11 47	1 12	13 10	0 8	3 22	4 50	22 53	0 56	4 48	0 48	7 22	2 32	1 44	0 31	9 32	1 24	36 20	17 29	15 13	14 55	18 56		n.a.
S 22	20 38	14 56	0 6	13 45	0s 0	3 33	4 50	22 45	0 55	4 53	0 48	7 22	2 31	1 44	0 31	9 32	1 24	36 21	17 29	15 13	14 54	18 56		n.a.
M23	20 51	17 28	0n59	14 20	0 8	3 45	4 50	22 37	0 54	4 57	0 48	7 21	2 31	1 44	0 31	9 32	1 24	36 22	17 30	15 13	14 53	18 57		n.a.
T 24	21 3	19 15	2 1	14 55	0 16	3 58	4 50	22 28	0 53	5 2	0 48	7 21	2 31	1 43	0 31	9 31	1 24	36 22	17 30	15 12	14 52	18 58		n.a.
W25	21 16	20 12	2 58	15 30	0 23	4 12	4 49	22 20	0 52	5 6	0 48	7 21	2 30	1 43	0 31	9 31	1 24	36 23	17 31	15 12	14 51	18 58		n.a.
T 26	21 28	20 16	3 48	16 4	0 31	4 27	4 48	22 11	0 51	5 11	0 48	7 20	2 30	1 42	0 30	9 30	1 24	36 23	17 31	15 10	14 50	18 59		n.a.
F 27	21 39	19 25	4 28	16 38	0 38	4 42	4 47	22 2	0 50	5 15	0 48	7 19	2 30	1 42	0 30	9 30	1 24	36 24	17 32	15 9	14 49	19 0		n.a.
S 28	21 50	17 41	4 56	17 12	0 45	4 57	4 46	21 53	0 49	5 20	0 48	7 19	2 29	1 42	0 30	9 29	1 24	36 25	17 32	15 8	14 48	19 0		n.a.
S 29	22 1	15 8	5 12	17 45	0 51	5 14	4 45	21 44	0 49	5 24	0 48	7 18	2 29	1 41	0 30	9 29	1 24	36 25	17 33	15 6	14 47	19 1		n.a.
M30	22 11	11 53	5 13	18 18	0 58	5 30	4 43	21 34	0 48	5 29	0 48	7 18	2 29	1 41	0 30	9 28	1 24	36 26	17 33	15 5	14 46	19 1		n.a.
T 31	22s21	8s 1	4n59	18s50	1s 4	5s48	4n41	21s24	0s47	5s33	0n48	7s17	2s28	1n41	0s30	9n28	1s24	36n27	17n34	15s 5	14s45	19s 2		n.a.

Julian Day Number = 192820.5, Delta T = 32h24m46s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'05, Lahiri = -61°27'04 Julian Calendar 1 Dec. 4186 BCE == Greg. Calendar 29 Oct. 4186 BCE

The year -4185 astronomical counting style corresponds to year 4186 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

JANUARY 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 30 17	9♐36'01	10♓33	20♏ 1	26♎14	1♒ 1	15♎43	17♓40	5°R14	27°R12	5°R 6	9°D32	8♏29	1♐17	n.a.	W 1
T 2	4 34 13	10°35'53	23°58	21°34	26°58	1°41	15°53	17°41	5♈13	27♈11	5♌ 5	9♏33	8°26	1°24	n.a.	T 2
F 3	4 38 10	11°35'42	7♈47	23° 8	27°43	2°21	16° 4	17°43	5°12	27°10	5° 4	9°34	8°23	1°30	n.a.	F 3
S 4	4 42 6	12°35'29	22° 1	24°43	28°29	3° 1	16°15	17°44	5°12	27° 9	5° 4	9°35	8°20	1°37	n.a.	S 4
S 5	4 46 3	13°35'13	6♉39	26°20	29°16	3°41	16°25	17°46	5°11	27° 8	5° 3	9°R36	8°17	1°44	n.a.	S 5
M 6	4 49 59	14°34'55	21°37	27°57	0♏ 3	4°21	16°35	17°48	5°11	27° 7	5° 2	9°36	8°14	1°50	n.a.	M 6
T 7	4 53 56	15°34'35	6♊48	29°36	0°52	5° 1	16°46	17°50	5°10	27° 6	5° 1	9°34	8°10	1°57	n.a.	T 7
W 8	4 57 52	16°34'12	22° 2	1♐16	1°41	5°40	16°56	17°52	5°10	27° 5	5° 0	9°30	8° 7	2° 4	n.a.	W 8
T 9	5 1 49	17°33'47	7♋10	2°57	2°31	6°20	17° 6	17°54	5°10	27° 4	4°59	9°24	8° 4	2°10	n.a.	T 9
F 10	5 5 46	18°33'20	22° 1	4°39	3°21	7° 0	17°16	17°56	5° 9	27° 3	4°58	9°18	8° 1	2°17	n.a.	F 10
S 11	5 9 42	19°32'50	6♌28	6°23	4°12	7°40	17°25	17°58	5° 9	27° 2	4°57	9°13	7°58	2°24	n.a.	S 11
S 12	5 13 39	20°32'19	20°27	8° 7	5° 4	8°20	17°35	18° 1	5° 9	27° 1	4°56	9° 8	7°54	2°30	n.a.	S 12
M13	5 17 35	21°31'45	3♍56	9°53	5°57	9° 0	17°45	18° 3	5° 9	27° 0	4°55	9° 4	7°51	2°37	n.a.	M13
T 14	5 21 32	22°31'10	16°58	11°40	6°50	9°39	17°54	18° 6	5° 9	26°59	4°54	9°D 3	7°48	2°44	n.a.	T 14
W15	5 25 28	23°30'32	29°36	13°29	7°44	10°19	18° 3	18° 9	5°D 9	26°58	4°53	9° 3	7°45	2°50	n.a.	W15
T 16	5 29 25	24°29'53	11♎53	15°18	8°38	10°59	18°13	18°11	5° 9	26°58	4°52	9° 4	7°42	2°57	n.a.	T 16
F 17	5 33 21	25°29'11	23°56	17° 9	9°33	11°39	18°22	18°14	5° 9	26°57	4°50	9° 5	7°39	3° 4	n.a.	F 17
S 18	5 37 18	26°28'27	5♏49	19° 1	10°29	12°18	18°31	18°17	5° 9	26°56	4°49	9°R 6	7°35	3°10	n.a.	S 18
S 19	5 41 14	27°27'42	17°37	20°55	11°25	12°58	18°40	18°21	5° 9	26°55	4°48	9° 6	7°32	3°17	n.a.	S 19
M20	5 45 11	28°26'54	29°23	22°49	12°21	13°38	18°48	18°24	5°10	26°55	4°47	9° 4	7°29	3°24	n.a.	M20
T 21	5 49 7	29°26'04	11♐11	24°45	13°18	14°17	18°57	18°27	5°10	26°54	4°45	8°59	7°26	3°30	n.a.	T 21
W22	5 53 4	0♑25'11	23° 4	26°42	14°15	14°57	19° 5	18°31	5°10	26°54	4°44	8°52	7°23	3°37	n.a.	W22
T 23	5 57 1	1°24'17	5♑ 3	28°40	15°13	15°37	19°14	18°34	5°11	26°53	4°43	8°43	7°20	3°44	n.a.	T 23
F 24	6 0 57	2°23'20	17°10	0♑40	16°11	16°16	19°22	18°38	5°11	26°53	4°42	8°33	7°16	3°50	n.a.	F 24
S 25	6 4 54	3°22'21	29°26	2°40	17°10	16°56	19°30	18°42	5°12	26°52	4°40	8°23	7°13	3°57	n.a.	S 25
S 26	6 8 50	4°21'20	11♒52	4°41	18° 9	17°35	19°38	18°45	5°12	26°52	4°39	8°13	7°10	4° 4	n.a.	S 26
M27	6 12 47	5°20'16	24°29	6°43	19° 8	18°15	19°46	18°49	5°13	26°51	4°37	8° 5	7° 7	4°10	n.a.	M27
T 28	6 16 43	6°19'09	7♓19	8°46	20° 7	18°54	19°54	18°53	5°14	26°51	4°36	7°59	7° 4	4°17	n.a.	T 28
W29	6 20 40	7°18'00	20°24	10°49	21° 7	19°34	20° 1	18°57	5°15	26°50	4°35	7°55	7° 0	4°24	n.a.	W29
T 30	6 24 36	8°16'49	3♈45	12°53	22° 8	20°13	20° 8	19° 2	5°15	26°50	4°33	7°D54	6°57	4°30	n.a.	T 30
F 31	6 28 33	9♑15'34	17♈26	14♑57	23♏ 8	20♒53	20♎16	19♓ 6	5♈16	26♈50	4♌32	7♏54	6♏54	4♐37	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s31	3s41	4n29	19s22	1s10	6s 5	4n39	21s15	0s46	5s37	0n48	7s16	2s28	1n40	0s30	9n28	1s24	36n27	17n34	15s 4	14s44	19s 3		n.a.
T 2	22 40	0n57	3 45	19 53	1 15	6 24	4 37	21 5	0 45	5 42	0 48	7 15	2 28	1 40	0 30	9 27	1 24	36 28	17 35	15 5	14 43	19 3		n.a.
F 3	22 48	5 42	2 46	20 23	1 21	6 42	4 34	20 55	0 44	5 46	0 48	7 14	2 27	1 40	0 30	9 27	1 24	36 29	17 35	15 5	14 42	19 4		n.a.
S 4	22 56	10 16	1 35	20 52	1 26	7 1	4 32	20 44	0 44	5 50	0 48	7 13	2 27	1 40	0 30	9 27	1 24	36 30	17 36	15 6	14 41	19 4		n.a.
S 5	23 4	14 22	0 16	21 20	1 30	7 20	4 29	20 34	0 43	5 54	0 48	7 12	2 27	1 39	0 30	9 26	1 24	36 30	17 36	15 6	14 40	19 5		n.a.
M 6	23 11	17 38	1s 5	21 48	1 35	7 40	4 26	20 23	0 42	5 58	0 48	7 11	2 26	1 39	0 30	9 26	1 24	36 31	17 37	15 6	14 39	19 5		n.a.
T 7	23 18	19 42	2 23	22 14	1 39	8 0	4 23	20 13	0 41	6 2	0 48	7 10	2 26	1 39	0 30	9 26	1 24	36 32	17 37	15 5	14 38	19 6		n.a.
W 8	23 25	20 21	3 31	22 40	1 42	8 20	4 20	20 2	0 40	6 6	0 48	7 9	2 26	1 39	0 30	9 25	1 24	36 32	17 38	15 4	14 36	19 7		n.a.
T 9	23 31	19 32	4 23	23 4	1 46	8 41	4 17	19 51	0 39	6 10	0 48	7 8	2 25	1 39	0 30	9 25	1 24	36 33	17 38	15 2	14 35	19 7		n.a.
F 10	23 36	17 22	4 57	23 27	1 49	9 1	4 13	19 40	0 39	6 14	0 48	7 7	2 25	1 39	0 30	9 25	1 24	36 34	17 39	15 0	14 34	19 8		n.a.
S 11	23 41	14 11	5 11	23 48	1 51	9 22	4 10	19 29	0 38	6 18	0 48	7 6	2 25	1 39	0 30	9 24	1 24	36 34	17 39	14 58	14 33	19 8		n.a.
S 12	23 46	10 16	5 5	24 8	1 53	9 43	4 6	19 17	0 37	6 22	0 48	7 4	2 24	1 39	0 30	9 24	1 23	36 35	17 39	14 56	14 32	19 9		n.a.
M13	23 50	5 58	4 42	24 27	1 55	10 5	4 2	19 6	0 36	6 25	0 48	7 3	2 24	1 39	0 30	9 24	1 23	36 36	17 40	14 55	14 31	19 9		n.a.
T 14	23 54	1 32	4 6	24 44	1 56	10 26	3 59	18 54	0 35	6 29	0 48	7 2	2 24	1 39	0 30	9 24	1 23	36 37	17 40	14 55	14 30	19 10		n.a.
W15	23 57	2s51	3 18	24 59	1 57	10 47	3 55	18 42	0 35	6 33	0 48	7 0	2 24	1 39	0 30	9 23	1 23	36 37	17 41	14 55	14 29	19 10		n.a.
T 16	24 0	7 0	2 22	25 13	1 57	11 9	3 51	18 30	0 34	6 36	0 48	6 59	2 23	1 39	0 30	9 23	1 23	36 38	17 41	14 55	14 28	19 11		n.a.
F 17	24 2	10 48	1 21	25 25	1 57	11 30	3 47	18 18	0 33	6 40	0 48	6 57	2 23	1 39	0 30	9 23	1 23	36 39	17 42	14 56	14 27	19 11		n.a.
S 18	24 4	14 7	0 18	25 34	1 56	11 52	3 42	18 6	0 32	6 43	0 48	6 56	2 23	1 39	0 30	9 23	1 23	36 39	17 42	14 56	14 26	19 12		n.a.
S 19	24 5	16 50	0n46	25 42	1 55	12 14	3 38	17 54	0 31	6 47	0 48	6 54	2 22	1 39	0 30	9 22	1 23	36 40	17 42	14 56	14 25	19 12		n.a.
M20	24 6	18 50	1 47	25 48	1 53	12 35	3 34	17 41	0 31	6 50	0 48	6 53	2 22	1 39	0 30	9 22	1 23	36 41	17 43	14 55	14 24	19 13		n.a.
T 21	24 7	20 2	2 44	25 51	1 51	12 57	3 30	17 29	0 30	6 53	0 48	6 51	2 22	1 40	0 30	9 22	1 23	36 41	17 43	14 54	14 23	19 13		n.a.
W22	24 7	20 22	3 34	25 52	1 48	13 18	3 25	17 16	0 29	6 57	0 48	6 50	2 21	1 40	0 30	9 22	1 23	36 42	17 43	14 51	14 22	19 14		n.a.
T 23	24 6	19 46	4 15	25 51	1 44	13 40	3 21	17 3	0 28	7 0	0 48	6 48	2 21	1 40	0 30	9 22	1 23	36 43	17 44	14 48	14 21	19 14		n.a.
F 24	24 5	18 16	4 45	25 47	1 40	14 1	3 16	16 51	0 28	7 3	0 48	6 46	2 21	1 40	0 29	9 22	1 23	36 43	17 44	14 45	14 19	19 15		n.a.
S 25	24 4	15 56	5 2	25 41	1 35	14 22	3 12	16 38	0 27	7 6	0 48	6 44	2 20	1 40	0 29	9 21	1 23	36 44	17 44	14 42	14 18	19 15		n.a.
S 26	24 2	12 50	5 5	25 32	1 30	14 44	3 7	16 24	0 26	7 9	0 48	6 42	2 20	1 41	0 29	9 21	1 23	36 45	17 45	14 38	14 17	19 16		n.a.
M27	24 0	9 8	4 53	25 20	1 24	15 5	3 2	16 11	0 25	7 12	0 48	6 41	2 20	1 41	0 29	9 21	1 23	36 46	17 45	14 36	14 16	19 16		n.a.
T 28	23 57	4 57	4 27	25 6	1 17	15 25	2 58	15 58	0 25	7 15	0 48	6 39	2 20	1 41	0 29	9 21	1 23	36 46	17 45	14 34	14 15	19 17		n.a.
W29	23 54	0 28	3 46	24 49	1 10	15 46	2 53	15 45	0 24	7 18	0 48	6 37	2 19	1 42	0 29	9 21	1 23	36 47	17 46	14 32	14 14	19 17		n.a.
T 30	23 51	4n 9	2 52	24 30	1 2	16 6	2 48	15 31	0 23	7 21	0 48	6 35	2 19	1 42	0 29	9 21	1 23	36 48	17 46	14 32	14 13	19 18		n.a.
F 31	23s47	8n40	1n47	24s 8	0s54	16s27	2n44	15s18	0s22	7s24	0n48	6s33	2s19	1n42	0s29	9n21	1s22	36n48	17n46	14s32	14s12	19s18		n.a.

Julian Day Number = 192851.5, Delta T = 32h24m43s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°34'01, Lahiri = -61°27'00 Julian Calendar 1 Jan. 4185 BCE == Greg. Calendar 29 Nov. 4186 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

FEBRUARY 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 32 29	10♉14'18	1♉26	17♉ 1	24♏ 9	21♒32	20♎23	19♓10	5♈17	26°R50	4°R30	7°R54	6♏51	4♐44	n.a.	S 1
S 2	6 36 26	11°12'59	15°47	19° 4	25°10	22°11	20°30	19°15	5°18	26♈49	4♌29	7♏54	6°48	4°50	n.a.	S 2
M 3	6 40 22	12°11'37	0♊26	21° 6	26°12	22°51	20°37	19°19	5°19	26°49	4°27	7°52	6°45	4°57	n.a.	M 3
T 4	6 44 19	13°10'13	15°19	23° 8	27°14	23°30	20°43	19°24	5°20	26°49	4°26	7°48	6°41	5° 4	n.a.	T 4
W 5	6 48 15	14° 8'47	0♋20	25° 8	28°16	24° 9	20°50	19°29	5°21	26°49	4°24	7°41	6°38	5°10	n.a.	W 5
T 6	6 52 12	15° 7'18	15°18	27° 7	29°18	24°49	20°56	19°34	5°22	26°49	4°23	7°32	6°35	5°17	n.a.	T 6
F 7	6 56 9	16° 5'48	0♌ 6	29° 3	0♐21	25°28	21° 2	19°38	5°24	26°49	4°21	7°22	6°32	5°24	n.a.	F 7
S 8	7 0 5	17° 4'15	14°34	0♒57	1°23	26° 7	21° 8	19°43	5°25	26°D49	4°19	7°12	6°29	5°30	n.a.	S 8
S 9	7 4 2	18° 2'40	28°37	2°48	2°27	26°46	21°14	19°49	5°26	26°49	4°18	7° 3	6°26	5°37	n.a.	S 9
M10	7 7 58	19° 1'03	12♍12	4°36	3°30	27°26	21°20	19°54	5°27	26°49	4°16	6°55	6°22	5°44	n.a.	M10
T 11	7 11 55	19°59'25	25°19	6°20	4°33	28° 5	21°26	19°59	5°29	26°49	4°15	6°51	6°19	5°50	n.a.	T 11
W12	7 15 51	20°57'44	8♎ 0	8° 1	5°37	28°44	21°31	20° 4	5°30	26°49	4°13	6°48	6°16	5°57	n.a.	W12
T 13	7 19 48	21°56'02	20°20	9°38	6°41	29°23	21°36	20°10	5°32	26°49	4°11	6°D48	6°13	6° 4	n.a.	T 13
F 14	7 23 44	22°54'18	2♏24	11°10	7°45	0♓ 2	21°42	20°15	5°33	26°49	4°10	6°R48	6°10	6°10	n.a.	F 14
S 15	7 27 41	23°52'32	14°18	12°38	8°50	0°41	21°46	20°20	5°35	26°50	4° 8	6°48	6° 6	6°17	n.a.	S 15
S 16	7 31 37	24°50'44	26° 5	14° 2	9°54	1°20	21°51	20°26	5°37	26°50	4° 6	6°46	6° 3	6°24	n.a.	S 16
M17	7 35 34	25°48'55	7♐53	15°21	10°59	1°59	21°56	20°32	5°38	26°50	4° 5	6°42	6° 0	6°30	n.a.	M17
T 18	7 39 30	26°47'04	19°44	16°35	12° 4	2°38	22° 0	20°37	5°40	26°50	4° 3	6°36	5°57	6°37	n.a.	T 18
W19	7 43 27	27°45'11	1♑42	17°44	13° 9	3°17	22° 5	20°43	5°42	26°51	4° 1	6°27	5°54	6°44	n.a.	W19
T 20	7 47 23	28°43'16	13°50	18°48	14°14	3°56	22° 9	20°49	5°44	26°51	4° 0	6°16	5°51	6°50	n.a.	T 20
F 21	7 51 20	29°41'20	26° 9	19°46	15°19	4°35	22°13	20°55	5°45	26°51	3°58	6° 3	5°47	6°57	n.a.	F 21
S 22	7 55 17	0♒39'21	8♒41	20°40	16°25	5°14	22°16	21° 1	5°47	26°52	3°56	5°49	5°44	7° 4	n.a.	S 22
S 23	7 59 13	1°37'21	21°24	21°28	17°31	5°53	22°20	21° 7	5°49	26°52	3°55	5°36	5°41	7°10	n.a.	S 23
M24	8 3 10	2°35'18	4♓19	22°10	18°37	6°32	22°23	21°13	5°51	26°53	3°53	5°26	5°38	7°17	n.a.	M24
T 25	8 7 6	3°33'14	17°25	22°47	19°43	7°11	22°27	21°19	5°53	26°53	3°51	5°17	5°35	7°24	n.a.	T 25
W26	8 11 3	4°31'08	0♈43	23°19	20°49	7°50	22°30	21°26	5°55	26°54	3°50	5°12	5°32	7°30	n.a.	W26
T 27	8 14 59	5°28'59	14°12	23°45	21°55	8°29	22°32	21°32	5°58	26°55	3°48	5° 9	5°28	7°37	n.a.	T 27
F 28	8 18 56	6°26'48	27°54	24° 6	23° 1	9° 8	22°35	21°38	6° 0	26°55	3°46	5° 8	5°25	7°44	n.a.	F 28
S 29	8 22 52	7♒24'36	11♉50	24♒21	24♐ 8	9♓47	22♎38	21♓45	6♈ 2	26♈56	3♌45	5♏ 8	5♏22	7♐50	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s42	12n50	0n35	23s44	0s45	16s47	2n39	15s 4	0s22	7s27	0n48	6s31	2s18	1n43	0s29	9n21	1s22	36n49	17n46	14s32	14s11	19s19		n.a.	S 1
S 2	23 37	16 21	0s42	23 18	0 35	17 6	2 34	14 50	0 21	7 29	0 48	6 29	2 18	1 43	0 29	9 21	1 22	36 49	17 47	14 32	14 10	19 19		n.a.	S 2
M 3	23 32	18 54	1 57	22 49	0 25	17 26	2 29	14 36	0 20	7 32	0 48	6 27	2 18	1 44	0 29	9 21	1 22	36 50	17 47	14 32	14 9	19 20		n.a.	M 3
T 4	23 26	20 12	3 6	22 18	0 14	17 45	2 24	14 22	0 20	7 34	0 48	6 25	2 18	1 44	0 29	9 21	1 22	36 51	17 47	14 30	14 8	19 20		n.a.	T 4
W 5	23 20	20 5	4 2	21 46	0 3	18 4	2 19	14 8	0 19	7 37	0 48	6 22	2 17	1 45	0 29	9 21	1 22	36 51	17 47	14 28	14 7	19 21		n.a.	W 5
T 6	23 14	18 33	4 41	21 12	0n 8	18 23	2 15	13 54	0 18	7 39	0 48	6 20	2 17	1 45	0 29	9 21	1 22	36 52	17 48	14 25	14 6	19 21		n.a.	T 6
F 7	23 7	15 48	5 1	20 36	0 20	18 41	2 10	13 40	0 17	7 42	0 48	6 18	2 17	1 46	0 29	9 21	1 22	36 53	17 48	14 21	14 5	19 21		n.a.	F 7
S 8	22 59	12 8	5 0	20 0	0 32	18 59	2 5	13 26	0 17	7 44	0 48	6 16	2 17	1 46	0 29	9 21	1 22	36 53	17 48	14 18	14 3	19 22		n.a.	S 8
S 9	22 51	7 53	4 42	19 23	0 44	19 17	2 0	13 11	0 16	7 46	0 48	6 13	2 16	1 47	0 29	9 21	1 22	36 54	17 48	14 15	14 2	19 22		n.a.	S 9
M10	22 43	3 22	4 8	18 45	0 56	19 34	1 55	12 57	0 15	7 49	0 48	6 11	2 16	1 47	0 29	9 21	1 22	36 54	17 48	14 12	14 1	19 23		n.a.	M10
T 11	22 34	1s10	3 22	18 7	1 8	19 51	1 50	12 42	0 15	7 51	0 48	6 9	2 16	1 48	0 29	9 21	1 22	36 55	17 48	14 11	14 0	19 23		n.a.	T 11
W12	22 25	5 30	2 27	17 30	1 20	20 7	1 45	12 28	0 14	7 53	0 48	6 6	2 16	1 48	0 29	9 21	1 22	36 56	17 49	14 10	13 59	19 24		n.a.	W12
T 13	22 16	9 30	1 26	16 52	1 32	20 23	1 41	12 13	0 13	7 55	0 48	6 4	2 15	1 49	0 29	9 21	1 22	36 56	17 49	14 10	13 58	19 24		n.a.	T 13
F 14	22 6	13 1	0 23	16 15	1 43	20 39	1 36	11 58	0 12	7 57	0 48	6 2	2 15	1 50	0 29	9 22	1 22	36 57	17 49	14 10	13 57	19 24		n.a.	F 14
S 15	21 56	15 57	0n40	15 40	1 55	20 54	1 31	11 43	0 12	7 59	0 48	5 59	2 15	1 50	0 29	9 22	1 22	36 57	17 49	14 10	13 56	19 25		n.a.	S 15
S 16	21 45	18 12	1 41	15 5	2 6	21 8	1 26	11 28	0 11	8 0	0 48	5 57	2 15	1 51	0 29	9 22	1 22	36 58	17 49	14 9	13 55	19 25		n.a.	S 16
M17	21 35	19 39	2 37	14 32	2 16	21 23	1 22	11 13	0 10	8 2	0 48	5 54	2 14	1 52	0 29	9 22	1 21	36 58	17 49	14 8	13 54	19 26		n.a.	M17
T 18	21 23	20 16	3 27	14 0	2 26	21 36	1 17	10 58	0 10	8 4	0 48	5 52	2 14	1 53	0 29	9 22	1 21	36 59	17 49	14 6	13 53	19 26		n.a.	T 18
W19	21 12	19 58	4 8	13 30	2 35	21 49	1 12	10 43	0 9	8 5	0 48	5 49	2 14	1 53	0 29	9 22	1 21	37 0	17 49	14 3	13 52	19 26		n.a.	W19
T 20	21 0	18 46	4 38	13 1	2 44	22 2	1 7	10 28	0 8	8 7	0 48	5 46	2 14	1 54	0 29	9 22	1 21	37 0	17 49	13 59	13 50	19 27		n.a.	T 20
F 21	20 47	16 40	4 56	12 35	2 52	22 14	1 3	10 13	0 8	8 8	0 48	5 44	2 13	1 55	0 29	9 23	1 21	37 1	17 49	13 55	13 49	19 27		n.a.	F 21
S 22	20 34	13 47	5 0	12 11	2 59	22 26	0 58	9 58	0 7	8 10	0 48	5 41	2 13	1 56	0 28	9 23	1 21	37 1	17 49	13 50	13 48	19 28		n.a.	S 22
S 23	20 21	10 13	4 49	11 50	3 6	22 37	0 54	9 42	0 6	8 11	0 48	5 39	2 13	1 57	0 28	9 23	1 21	37 2	17 49	13 46	13 47	19 28		n.a.	S 23
M24	20 8	6 7	4 24	11 30	3 11	22 48	0 49	9 27	0 6	8 13	0 48	5 36	2 13	1 57	0 28	9 23	1 21	37 2	17 49	13 42	13 46	19 28		n.a.	M24
T 25	19 54	1 41	3 44	11 14	3 16	22 58	0 45	9 12	0 5	8 14	0 48	5 33	2 13	1 58	0 28	9 24	1 21	37 2	17 49	13 39	13 45	19 29		n.a.	T 25
W26	19 40	2n54	2 51	11 0	3 19	23 7	0 40	8 56	0 4	8 15	0 48	5 30	2 12	1 59	0 28	9 24	1 21	37 3	17 49	13 37	13 44	19 29		n.a.	W26
T 27	19 26	7 25	1 48	10 49	3 22	23 16	0 36	8 41	0 4	8 16	0 48	5 28	2 12	2 0	0 28	9 24	1 21	37 3	17 49	13 36	13 43	19 29		n.a.	T 27
F 28	19 11	11 37	0 38	10 41	3 23	23 24	0 31	8 25	0 3	8 17	0 48	5 25	2 12	2 1	0 28	9 24	1 21	37 4	17 49	13 36	13 42	19 30		n.a.	F 28
S 29	18s56	15n15	0s35	10s35	3n23	23s32	0n27	8s 9	0s 3	8s18	0n48	5s22	2s12	2n 2	0s28	9n25	1s21	37n 4	17n49	13s36	13s41	19s30		n.a.	S 29

Julian Day Number = 192882.5, Delta T = 32h24m40s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'56, Lahiri = -61°26'56 Julian Calendar 1 Feb. 4185 BCE == Greg. Calendar 30 Dec. 4186 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

MARCH 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 49	8♒22'21	25♉58	24♒31	25♐15	10♓26	22♎40	21♓51	6♈ 4	26♈57	3°R43	5°R 8	5♏19	7♐57	n.a.	S 1
M 2	8 30 45	9°20'05	10♊20	24°R35	26°21	11° 4	22°42	21°58	6° 6	26°57	3♌41	5♏ 5	5°16	8° 4	n.a.	M 2
T 3	8 34 42	10°17'46	24°51	24°34	27°28	11°43	22°44	22° 4	6° 9	26°58	3°40	5° 1	5°12	8°10	n.a.	T 3
W 4	8 38 38	11°15'26	9♋28	24°28	28°35	12°22	22°46	22°11	6°11	26°59	3°38	4°53	5° 9	8°17	n.a.	W 4
T 5	8 42 35	12°13'04	24° 5	24°17	29°42	13° 1	22°47	22°18	6°14	27° 0	3°36	4°43	5° 6	8°24	n.a.	T 5
F 6	8 46 31	13°10'40	8♌34	24° 2	0♑50	13°39	22°49	22°24	6°16	27° 1	3°35	4°32	5° 3	8°30	n.a.	F 6
S 7	8 50 28	14° 8'15	22°48	23°42	1°57	14°18	22°50	22°31	6°19	27° 1	3°33	4°21	5° 0	8°37	n.a.	S 7
S 8	8 54 25	15° 5'48	6♍42	23°19	3° 5	14°57	22°51	22°38	6°21	27° 2	3°31	4°11	4°57	8°44	n.a.	S 8
M 9	8 58 21	16° 3'19	20°12	22°52	4°12	15°35	22°52	22°45	6°24	27° 3	3°30	4° 2	4°53	8°50	n.a.	M 9
T 10	9 2 18	17° 0'50	3♎18	22°22	5°20	16°14	22°53	22°52	6°26	27° 4	3°28	3°57	4°50	8°57	n.a.	T 10
W11	9 6 14	17°58'19	16° 0	21°50	6°28	16°53	22°53	22°59	6°29	27° 5	3°26	3°53	4°47	9° 4	n.a.	W11
T 12	9 10 11	18°55'47	28°21	21°16	7°36	17°31	22°53	23° 6	6°31	27° 6	3°25	3°52	4°44	9°10	n.a.	T 12
F 13	9 14 7	19°53'13	10♏27	20°41	8°44	18°10	22°R53	23°13	6°34	27° 7	3°23	3°D52	4°41	9°17	n.a.	F 13
S 14	9 18 4	20°50'39	22°22	20° 5	9°52	18°49	22°53	23°20	6°37	27° 8	3°21	3°R52	4°37	9°24	n.a.	S 14
S 15	9 22 0	21°48'04	4♐12	19°30	11° 0	19°27	22°53	23°27	6°40	27°10	3°20	3°52	4°34	9°30	n.a.	S 15
M16	9 25 57	22°45'27	16° 2	18°55	12° 8	20° 6	22°52	23°35	6°42	27°11	3°18	3°49	4°31	9°37	n.a.	M16
T 17	9 29 53	23°42'50	27°57	18°21	13°17	20°44	22°52	23°42	6°45	27°12	3°17	3°44	4°28	9°44	n.a.	T 17
W18	9 33 50	24°40'11	10♑ 0	17°49	14°25	21°23	22°51	23°49	6°48	27°13	3°15	3°37	4°25	9°50	n.a.	W18
T 19	9 37 47	25°37'32	22°16	17°19	15°34	22° 1	22°50	23°56	6°51	27°14	3°14	3°28	4°22	9°57	n.a.	T 19
F 20	9 41 43	26°34'51	4♒47	16°53	16°42	22°40	22°49	24° 4	6°54	27°16	3°12	3°17	4°18	10° 4	n.a.	F 20
S 21	9 45 40	27°32'10	17°33	16°29	17°51	23°18	22°47	24°11	6°57	27°17	3°11	3° 6	4°15	10°10	n.a.	S 21
S 22	9 49 36	28°29'27	0♓35	16° 9	19° 0	23°57	22°46	24°19	7° 0	27°18	3° 9	2°55	4°12	10°17	n.a.	S 22
M23	9 53 33	29°26'43	13°51	15°53	20° 9	24°35	22°44	24°26	7° 3	27°19	3° 8	2°46	4° 9	10°24	n.a.	M23
T 24	9 57 29	0♓23'58	27°19	15°41	21°18	25°14	22°42	24°33	7° 6	27°21	3° 6	2°39	4° 6	10°30	n.a.	T 24
W25	10 1 26	1°21'12	10♈59	15°33	22°27	25°52	22°40	24°41	7° 9	27°22	3° 5	2°34	4° 3	10°37	n.a.	W25
T 26	10 5 22	2°18'25	24°47	15°D29	23°36	26°31	22°37	24°48	7°12	27°24	3° 3	2°32	3°59	10°44	n.a.	T 26
F 27	10 9 19	3°15'36	8♉42	15°30	24°45	27° 9	22°35	24°56	7°15	27°25	3° 2	2°D32	3°56	10°50	n.a.	F 27
S 28	10 13 15	4°12'47	22°44	15°36	25°54	27°48	22°32	25° 4	7°18	27°27	3° 1	2°33	3°53	10°57	n.a.	S 28
S 29	10 17 12	5° 9'56	6♊51	15°45	27° 4	28°26	22°29	25°11	7°21	27°28	2°59	2°R33	3°50	11° 4	n.a.	S 29
M30	10 21 9	6° 7'04	21° 3	16° 0	28°13	29° 4	22°26	25°19	7°25	27°30	2°58	2°32	3°47	11°10	n.a.	M30
T 31	10 25 5	7♓ 4'11	5♋18	16♒19	29♑22	29♓43	22♎23	25♓27	7♈28	27♈31	2♌57	2♏29	3♏43	11♐17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	18s41	18n 3	1s48	10s33	3n22	23s39	0n23	7s54	0s 2	8s19	0n48	5s19	2s11	2n 3	0s28	9n25	1s21	37n 5	17n49	13s36	13s40	19s30			n.a.
M 2	18 25	19 45	2 55	10 33	3 20	23 45	0 19	7 38	0 1	8 20	0 48	5 16	2 11	2 4	0 28	9 25	1 21	37 5	17 49	13 35	13 39	19 31			n.a.
T 3	18 9	20 10	3 51	10 37	3 17	23 51	0 14	7 22	0 1	8 20	0 48	5 14	2 11	2 5	0 28	9 26	1 21	37 5	17 49	13 33	13 37	19 31			n.a.
W 4	17 53	19 14	4 32	10 43	3 12	23 56	0 10	7 7	0n 0	8 21	0 48	5 11	2 11	2 6	0 28	9 26	1 21	37 6	17 49	13 31	13 36	19 32			n.a.
T 5	17 37	17 3	4 56	10 53	3 6	24 1	0 6	6 51	0 1	8 22	0 48	5 8	2 11	2 7	0 28	9 26	1 21	37 6	17 49	13 27	13 35	19 32			n.a.
F 6	17 20	13 48	5 0	11 5	2 59	24 4	0 2	6 35	0 1	8 22	0 48	5 5	2 11	2 8	0 28	9 27	1 20	37 7	17 49	13 24	13 34	19 32			n.a.
S 7	17 3	9 49	4 46	11 19	2 50	24 8	0s 2	6 19	0 2	8 23	0 48	5 2	2 10	2 9	0 28	9 27	1 20	37 7	17 49	13 20	13 33	19 33			n.a.
S 8	16 46	5 22	4 15	11 36	2 41	24 10	0 6	6 3	0 2	8 23	0 48	4 59	2 10	2 10	0 28	9 28	1 20	37 7	17 49	13 16	13 32	19 33			n.a.
M 9	16 28	0 47	3 30	11 56	2 30	24 12	0 10	5 47	0 3	8 23	0 48	4 56	2 10	2 11	0 28	9 28	1 20	37 8	17 49	13 13	13 31	19 33			n.a.
T 10	16 10	3s42	2 35	12 17	2 18	24 13	0 13	5 31	0 4	8 24	0 48	4 53	2 10	2 12	0 28	9 28	1 20	37 8	17 48	13 11	13 30	19 33			n.a.
W11	15 52	7 54	1 33	12 40	2 5	24 14	0 17	5 15	0 4	8 24	0 48	4 50	2 10	2 13	0 28	9 29	1 20	37 8	17 48	13 10	13 29	19 34			n.a.
T 12	15 34	11 39	0 29	13 4	1 51	24 14	0 21	4 59	0 5	8 24	0 48	4 47	2 9	2 14	0 28	9 29	1 20	37 8	17 48	13 10	13 28	19 34			n.a.
F 13	15 16	14 49	0n35	13 29	1 36	24 13	0 24	4 43	0 6	8 24	0 48	4 44	2 9	2 15	0 28	9 30	1 20	37 9	17 48	13 10	13 26	19 34			n.a.
S 14	14 57	17 19	1 37	13 56	1 21	24 12	0 28	4 27	0 6	8 24	0 48	4 41	2 9	2 16	0 28	9 30	1 20	37 9	17 48	13 10	13 25	19 35			n.a.
S 15	14 38	19 4	2 34	14 22	1 5	24 10	0 31	4 11	0 7	8 24	0 48	4 38	2 9	2 17	0 28	9 31	1 20	37 9	17 48	13 9	13 24	19 35			n.a.
M16	14 19	19 58	3 25	14 49	0 48	24 7	0 35	3 55	0 7	8 24	0 48	4 35	2 9	2 19	0 28	9 31	1 20	37 9	17 47	13 9	13 23	19 35			n.a.
T 17	13 59	19 59	4 6	15 15	0 32	24 3	0 38	3 39	0 8	8 23	0 48	4 32	2 9	2 20	0 28	9 31	1 20	37 10	17 47	13 7	13 22	19 36			n.a.
W18	13 40	19 6	4 38	15 41	0 15	23 59	0 41	3 23	0 9	8 23	0 48	4 29	2 8	2 21	0 28	9 32	1 20	37 10	17 47	13 4	13 21	19 36			n.a.
T 19	13 20	17 20	4 57	16 6	0s 1	23 55	0 44	3 7	0 9	8 23	0 48	4 26	2 8	2 22	0 28	9 32	1 20	37 10	17 47	13 1	13 20	19 36			n.a.
F 20	13 0	14 43	5 3	16 29	0 17	23 49	0 47	2 51	0 10	8 22	0 48	4 22	2 8	2 23	0 28	9 33	1 20	37 10	17 47	12 57	13 19	19 36			n.a.
S 21	12 40	11 21	4 53	16 52	0 33	23 43	0 50	2 34	0 10	8 22	0 48	4 19	2 8	2 25	0 28	9 34	1 20	37 10	17 46	12 53	13 18	19 37			n.a.
S 22	12 20	7 24	4 29	17 12	0 48	23 36	0 53	2 18	0 11	8 21	0 48	4 16	2 8	2 26	0 28	9 34	1 20	37 10	17 46	12 50	13 17	19 37			n.a.
M23	11 59	3 1	3 49	17 31	1 3	23 29	0 56	2 2	0 11	8 20	0 48	4 13	2 8	2 27	0 28	9 35	1 20	37 11	17 46	12 46	13 15	19 37			n.a.
T 24	11 38	1n35	2 56	17 48	1 17	23 21	0 59	1 46	0 12	8 20	0 48	4 10	2 8	2 28	0 28	9 35	1 20	37 11	17 45	12 44	13 14	19 38			n.a.
W25	11 18	6 11	1 53	18 3	1 30	23 12	1 2	1 30	0 13	8 19	0 48	4 7	2 8	2 30	0 28	9 36	1 19	37 11	17 45	12 42	13 13	19 38			n.a.
T 26	10 57	10 30	0 41	18 16	1 43	23 3	1 4	1 13	0 13	8 18	0 48	4 3	2 7	2 31	0 28	9 36	1 19	37 11	17 45	12 42	13 12	19 38			n.a.
F 27	10 35	14 17	0s33	18 27	1 54	22 52	1 7	0 57	0 14	8 17	0 48	4 0	2 7	2 32	0 28	9 37	1 19	37 11	17 45	12 42	13 11	19 38			n.a.
S 28	10 14	17 16	1 46	18 36	2 5	22 42	1 9	0 41	0 14	8 16	0 48	3 57	2 7	2 33	0 28	9 37	1 19	37 11	17 44	12 42	13 10	19 39			n.a.
S 29	9 53	19 13	2 53	18 42	2 15	22 30	1 12	0 25	0 15	8 15	0 48	3 54	2 7	2 35	0 28	9 38	1 19	37 11	17 44	12 42	13 9	19 39			n.a.
M30	9 31	19 59	3 50	18 46	2 24	22 18	1 14	0 9	0 15	8 14	0 48	3 51	2 7	2 36	0 28	9 39	1 19	37 11	17 44	12 42	13 8	19 39			n.a.
T 31	9s 9	19n28	4s33	18s47	2s32	22s 6	1s16	0n 8	0n16	8s13	0n48	3s47	2s 7	2n37	0s27	9n39	1s19	37n11	17n43	12s41	13s 7	19s39			n.a.

Julian Day Number = 192911.5, Delta T = 32h24m37s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'52, Lahiri = -61°26'52 Julian Calendar 1 March 4185 BCE == Greg. Calendar 28 Jan. 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

APRIL 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 29 2	8♓ 1'17	19♋32	16♒42	0♒32	0♈21	22°R20	25♓34	7♈31	27♈33	2°R55	2°R24	3♏40	11♐24	n.a.	W 1
T 2	10 32 58	8°58'22	3♌42	17°10	1°42	1° 0	22♎16	25°42	7°34	27°34	2♌54	2♏17	3°37	11°30	n.a.	T 2
F 3	10 36 55	9°55'26	17°45	17°42	2°51	1°38	22°12	25°50	7°37	27°36	2°53	2° 9	3°34	11°37	n.a.	F 3
S 4	10 40 51	10°52'29	1♍35	18°18	4° 1	2°16	22° 8	25°58	7°41	27°37	2°51	2° 1	3°31	11°44	n.a.	S 4
S 5	10 44 48	11°49'31	15° 9	18°58	5°11	2°55	22° 4	26° 5	7°44	27°39	2°50	1°54	3°28	11°50	n.a.	S 5
M 6	10 48 45	12°46'33	28°24	19°42	6°21	3°33	22° 0	26°13	7°47	27°41	2°49	1°48	3°24	11°57	n.a.	M 6
T 7	10 52 41	13°43'34	11♎19	20°30	7°31	4°11	21°56	26°21	7°51	27°43	2°48	1°44	3°21	12° 4	n.a.	T 7
W 8	10 56 38	14°40'35	23°56	21°22	8°41	4°49	21°51	26°29	7°54	27°44	2°47	1°42	3°18	12°10	n.a.	W 8
T 9	11 0 34	15°37'35	6♏15	22°17	9°51	5°28	21°46	26°37	7°57	27°46	2°46	1°D41	3°15	12°17	n.a.	T 9
F 10	11 4 31	16°34'36	18°21	23°17	11° 1	6° 6	21°41	26°44	8° 1	27°48	2°45	1°42	3°12	12°24	n.a.	F 10
S 11	11 8 27	17°31'36	0♐16	24°19	12°11	6°44	21°36	26°52	8° 4	27°49	2°43	1°44	3° 9	12°30	n.a.	S 11
S 12	11 12 24	18°28'36	12° 8	25°26	13°21	7°23	21°31	27° 0	8° 8	27°51	2°42	1°45	3° 5	12°37	n.a.	S 12
M13	11 16 20	19°25'36	23°59	26°35	14°32	8° 1	21°26	27° 8	8°11	27°53	2°41	1°R45	3° 2	12°44	n.a.	M13
T 14	11 20 17	20°22'35	5♑55	27°48	15°42	8°39	21°20	27°16	8°15	27°55	2°40	1°44	2°59	12°50	n.a.	T 14
W15	11 24 14	21°19'35	18° 2	29° 5	16°53	9°17	21°15	27°24	8°18	27°57	2°39	1°41	2°56	12°57	n.a.	W15
T 16	11 28 10	22°16'35	0♒23	0♓25	18° 3	9°56	21° 9	27°32	8°22	27°59	2°38	1°36	2°53	13° 4	n.a.	T 16
F 17	11 32 7	23°13'34	13° 0	1°48	19°14	10°34	21° 3	27°40	8°25	28° 1	2°38	1°30	2°49	13°11	n.a.	F 17
S 18	11 36 3	24°10'34	25°57	3°14	20°24	11°12	20°57	27°48	8°29	28° 2	2°37	1°24	2°46	13°17	n.a.	S 18
S 19	11 40 0	25° 7'34	9♓14	4°43	21°35	11°50	20°51	27°56	8°32	28° 4	2°36	1°18	2°43	13°24	n.a.	S 19
M20	11 43 56	26° 4'33	22°49	6°16	22°46	12°29	20°45	28° 4	8°36	28° 6	2°35	1°13	2°40	13°31	n.a.	M20
T 21	11 47 53	27° 1'33	6♈40	7°51	23°57	13° 7	20°38	28°11	8°39	28° 8	2°34	1°10	2°37	13°37	n.a.	T 21
W22	11 51 50	27°58'32	20°45	9°30	25° 8	13°45	20°32	28°19	8°43	28°10	2°33	1° 8	2°34	13°44	n.a.	W22
T 23	11 55 46	28°55'31	4♉58	11°12	26°18	14°23	20°25	28°27	8°46	28°12	2°33	1°D 8	2°30	13°51	n.a.	T 23
F 24	11 59 43	29°52'30	19°16	12°56	27°29	15° 1	20°19	28°35	8°50	28°14	2°32	1° 8	2°27	13°57	n.a.	F 24
S 25	12 3 39	0♈49'29	3♊35	14°44	28°40	15°40	20°12	28°43	8°53	28°16	2°31	1°10	2°24	14° 4	n.a.	S 25
S 26	12 7 36	1°46'28	17°52	16°34	29°52	16°18	20° 5	28°51	8°57	28°18	2°31	1°11	2°21	14°11	n.a.	S 26
M27	12 11 32	2°43'27	2♋ 5	18°27	1♓ 3	16°56	19°58	28°59	9° 1	28°20	2°30	1°R12	2°18	14°17	n.a.	M27
T 28	12 15 29	3°40'25	16°11	20°23	2°14	17°34	19°51	29° 7	9° 4	28°22	2°29	1°11	2°14	14°24	n.a.	T 28
W29	12 19 26	4°37'24	0♌10	22°21	3°25	18°12	19°44	29°15	9° 8	28°24	2°29	1° 9	2°11	14°31	n.a.	W29
T 30	12 23 22	5♈34'22	13♌58	24♓21	4♓36	18♈51	19♎37	29♓23	9♈11	28♈27	2♌28	1♏ 7	2♏ 8	14♐37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8s48	17n43	4s59	18s47	2s39	21s53	1s18	0n24	0n17	8s11	0n48	3s44	2s 7	2n39	0s27	9n40	1s19	37n11	17n43	12s39	13s 6	19s39		n.a.
T 2	8 26	14 55	5 6	18 44	2 45	21 39	1 21	0 40	0 17	8 10	0 48	3 41	2 7	2 40	0 27	9 40	1 19	37 11	17 43	12 36	13 4	19 40		n.a.
F 3	8 4	11 16	4 55	18 39	2 50	21 25	1 23	0 56	0 18	8 9	0 48	3 38	2 6	2 41	0 27	9 41	1 19	37 11	17 42	12 34	13 3	19 40		n.a.
S 4	7 41	7 4	4 27	18 31	2 54	21 10	1 24	1 12	0 18	8 7	0 48	3 34	2 6	2 43	0 27	9 42	1 19	37 11	17 42	12 31	13 2	19 40		n.a.
S 5	7 19	2 35	3 44	18 21	2 57	20 54	1 26	1 28	0 19	8 6	0 48	3 31	2 6	2 44	0 27	9 42	1 19	37 11	17 41	12 28	13 1	19 40		n.a.
M 6	6 57	1s56	2 50	18 9	3 0	20 38	1 28	1 45	0 19	8 4	0 48	3 28	2 6	2 45	0 27	9 43	1 19	37 11	17 41	12 26	13 0	19 41		n.a.
T 7	6 34	6 15	1 48	17 55	3 2	20 21	1 30	2 1	0 20	8 2	0 48	3 25	2 6	2 47	0 27	9 44	1 19	37 11	17 41	12 24	12 59	19 41		n.a.
W 8	6 12	10 11	0 42	17 39	3 2	20 4	1 31	2 17	0 20	8 1	0 48	3 21	2 6	2 48	0 27	9 44	1 19	37 11	17 40	12 24	12 58	19 41		n.a.
T 9	5 49	13 36	0n25	17 20	3 2	19 46	1 33	2 33	0 21	7 59	0 48	3 18	2 6	2 50	0 27	9 45	1 19	37 11	17 40	12 24	12 57	19 41		n.a.
F 10	5 26	16 21	1 29	16 59	3 2	19 28	1 34	2 49	0 21	7 57	0 48	3 15	2 6	2 51	0 27	9 46	1 19	37 11	17 39	12 24	12 55	19 41		n.a.
S 11	5 4	18 22	2 29	16 36	3 0	19 9	1 36	3 5	0 22	7 55	0 48	3 11	2 6	2 52	0 27	9 46	1 19	37 10	17 39	12 24	12 54	19 42		n.a.
S 12	4 41	19 33	3 22	16 11	2 58	18 49	1 37	3 21	0 22	7 53	0 47	3 8	2 6	2 54	0 27	9 47	1 19	37 10	17 38	12 25	12 53	19 42		n.a.
M13	4 18	19 53	4 6	15 43	2 55	18 29	1 38	3 37	0 23	7 51	0 47	3 5	2 6	2 55	0 27	9 48	1 19	37 10	17 38	12 25	12 52	19 42		n.a.
T 14	3 55	19 19	4 40	15 14	2 51	18 9	1 39	3 53	0 24	7 49	0 47	3 2	2 6	2 57	0 27	9 48	1 19	37 10	17 38	12 24	12 51	19 42		n.a.
W15	3 32	17 52	5 2	14 42	2 46	17 48	1 40	4 9	0 24	7 47	0 47	2 58	2 5	2 58	0 27	9 49	1 19	37 10	17 37	12 23	12 50	19 42		n.a.
T 16	3 9	15 35	5 10	14 8	2 41	17 27	1 41	4 25	0 25	7 45	0 47	2 55	2 5	2 59	0 27	9 50	1 19	37 10	17 37	12 22	12 49	19 42		n.a.
F 17	2 46	12 32	5 4	13 32	2 35	17 5	1 42	4 41	0 25	7 43	0 47	2 52	2 5	3 1	0 27	9 51	1 19	37 9	17 36	12 20	12 48	19 43		n.a.
S 18	2 23	8 48	4 43	12 54	2 29	16 42	1 42	4 57	0 26	7 41	0 47	2 48	2 5	3 2	0 27	9 51	1 18	37 9	17 36	12 17	12 47	19 43		n.a.
S 19	1 59	4 33	4 6	12 14	2 22	16 20	1 43	5 12	0 26	7 38	0 47	2 45	2 5	3 4	0 27	9 52	1 18	37 9	17 35	12 15	12 45	19 43		n.a.
M20	1 36	0n 2	3 14	11 32	2 14	15 56	1 44	5 28	0 27	7 36	0 47	2 42	2 5	3 5	0 27	9 53	1 18	37 9	17 35	12 14	12 44	19 43		n.a.
T 21	1 13	4 42	2 10	10 48	2 6	15 33	1 44	5 44	0 27	7 34	0 47	2 38	2 5	3 7	0 27	9 54	1 18	37 8	17 34	12 12	12 43	19 43		n.a.
W22	0 50	9 11	0 57	10 2	1 58	15 9	1 45	6 0	0 28	7 31	0 47	2 35	2 5	3 8	0 27	9 54	1 18	37 8	17 34	12 12	12 42	19 43		n.a.
T 23	0 26	13 13	0s21	9 14	1 49	14 44	1 45	6 15	0 28	7 29	0 47	2 32	2 5	3 10	0 27	9 55	1 18	37 8	17 33	12 12	12 41	19 44		n.a.
F 24	0 3	16 28	1 38	8 24	1 39	14 19	1 45	6 31	0 29	7 26	0 46	2 29	2 5	3 11	0 27	9 56	1 18	37 8	17 33	12 12	12 40	19 44		n.a.
S 25	0n20	18 42	2 49	7 32	1 29	13 54	1 45	6 47	0 29	7 24	0 46	2 25	2 5	3 12	0 27	9 57	1 18	37 7	17 32	12 12	12 39	19 44		n.a.
S 26	0 43	19 45	3 49	6 39	1 19	13 29	1 46	7 2	0 30	7 21	0 46	2 22	2 5	3 14	0 27	9 57	1 18	37 7	17 32	12 13	12 38	19 44		n.a.
M27	1 7	19 31	4 34	5 44	1 9	13 3	1 46	7 18	0 30	7 19	0 46	2 19	2 5	3 15	0 27	9 58	1 18	37 7	17 31	12 13	12 36	19 44		n.a.
T 28	1 30	18 5	5 3	4 48	0 58	12 36	1 46	7 33	0 31	7 16	0 46	2 16	2 5	3 17	0 27	9 59	1 18	37 6	17 31	12 13	12 35	19 44		n.a.
W29	1 53	15 35	5 14	3 50	0 47	12 10	1 45	7 49	0 31	7 13	0 46	2 12	2 5	3 18	0 27	10 0	1 18	37 6	17 30	12 12	12 34	19 44		n.a.
T 30	2n16	12n13	5s 6	2s51	0s36	11s43	1s45	8n 4	0n32	7s11	0n46	2s 9	2s 5	3n20	0s27	10n 1	1s18	37n 5	17n30	12s11	12s33	19s45		n.a.

Julian Day Number = 192942.5, Delta T = 32h24m33s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'48, Lahiri = -61°26'48 Julian Calendar 1 Apr. 4185 BCE == Greg. Calendar 28 Feb. 4185 BCE

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

MAY 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 27 19	6♈31'20	27♌35	26♓23	5♓48	19♈29	19°R29	29♓31	9♈15	28♈29	2°R28	1°R 3	2♏ 5	14♐44	n.a.	F 1
S 2	12 31 15	7°28'19	10♍59	28°28	6°59	20° 7	19♎22	29°39	9°18	28°31	2♌27	1♏ 0	2° 2	14°51	n.a.	S 2
S 3	12 35 12	8°25'17	24° 8	0♈33	8°11	20°45	19°15	29°47	9°22	28°33	2°27	0°57	1°59	14°57	n.a.	S 3
M 4	12 39 9	9°22'16	7♎ 3	2°40	9°22	21°23	19° 7	29°54	9°26	28°35	2°27	0°54	1°55	15° 4	n.a.	M 4
T 5	12 43 5	10°19'15	19°42	4°48	10°34	22° 1	19° 0	0♈ 2	9°29	28°37	2°26	0°53	1°52	15°11	n.a.	T 5
W 6	12 47 2	11°16'15	2♏ 8	6°56	11°45	22°40	18°52	0°10	9°33	28°39	2°26	0°D53	1°49	15°17	n.a.	W 6
T 7	12 50 58	12°13'16	14°20	9° 5	12°57	23°18	18°45	0°18	9°36	28°41	2°26	0°53	1°46	15°24	n.a.	T 7
F 8	12 54 55	13°10'17	26°22	11°14	14° 9	23°56	18°37	0°26	9°40	28°43	2°25	0°54	1°43	15°31	n.a.	F 8
S 9	12 58 51	14° 7'19	8♐16	13°23	15°20	24°34	18°29	0°34	9°44	28°46	2°25	0°56	1°40	15°38	n.a.	S 9
S 10	13 2 48	15° 4'21	20° 7	15°32	16°32	25°12	18°22	0°41	9°47	28°48	2°25	0°57	1°36	15°44	n.a.	S 10
M11	13 6 45	16° 1'25	1♑59	17°40	17°44	25°50	18°14	0°49	9°51	28°50	2°25	0°58	1°33	15°51	n.a.	M11
T 12	13 10 41	16°58'29	13°55	19°47	18°56	26°29	18° 6	0°57	9°54	28°52	2°25	0°R58	1°30	15°58	n.a.	T 12
W13	13 14 38	17°55'35	26° 2	21°53	20° 8	27° 7	17°59	1° 5	9°58	28°54	2°25	0°58	1°27	16° 4	n.a.	W13
T 14	13 18 34	18°52'41	8♒22	23°58	21°20	27°45	17°51	1°12	10° 2	28°57	2°24	0°58	1°24	16°11	n.a.	T 14
F 15	13 22 31	19°49'49	21° 1	26° 2	22°32	28°23	17°43	1°20	10° 5	28°59	2°D24	0°57	1°20	16°18	n.a.	F 15
S 16	13 26 27	20°46'57	4♓ 2	28° 4	23°44	29° 1	17°35	1°28	10° 9	29° 1	2°24	0°55	1°17	16°24	n.a.	S 16
S 17	13 30 24	21°44'07	17°25	0♉ 5	24°56	29°39	17°28	1°35	10°12	29° 3	2°24	0°54	1°14	16°31	n.a.	S 17
M18	13 34 21	22°41'17	1♈12	2° 4	26° 9	0♉18	17°20	1°43	10°16	29° 5	2°25	0°53	1°11	16°38	n.a.	M18
T 19	13 38 17	23°38'28	15°20	4° 2	27°21	0°56	17°12	1°51	10°19	29° 8	2°25	0°52	1° 8	16°44	n.a.	T 19
W20	13 42 14	24°35'41	29°46	5°58	28°33	1°34	17° 5	1°58	10°23	29°10	2°25	0°D52	1° 5	16°51	n.a.	W20
T 21	13 46 10	25°32'54	14♉24	7°52	29°46	2°12	16°57	2° 6	10°26	29°12	2°25	0°52	1° 1	16°58	n.a.	T 21
F 22	13 50 7	26°30'09	29° 8	9°45	0♈58	2°50	16°50	2°13	10°30	29°14	2°25	0°53	0°58	17° 4	n.a.	F 22
S 23	13 54 3	27°27'24	13♊51	11°36	2°11	3°29	16°42	2°21	10°33	29°17	2°25	0°53	0°55	17°11	n.a.	S 23
S 24	13 58 0	28°24'40	28°27	13°25	3°23	4° 7	16°35	2°28	10°37	29°19	2°26	0°53	0°52	17°18	n.a.	S 24
M25	14 1 57	29°21'57	12♋51	15°13	4°36	4°45	16°27	2°35	10°40	29°21	2°26	0°53	0°49	17°24	n.a.	M25
T 26	14 5 53	0♉19'15	27° 0	16°59	5°48	5°23	16°20	2°43	10°44	29°23	2°26	0°54	0°45	17°31	n.a.	T 26
W27	14 9 50	1°16'33	10♌52	18°43	7° 1	6° 1	16°13	2°50	10°47	29°25	2°27	0°54	0°42	17°38	n.a.	W27
T 28	14 13 46	2°13'53	24°27	20°26	8°14	6°40	16° 6	2°57	10°51	29°28	2°27	0°54	0°39	17°45	n.a.	T 28
F 29	14 17 43	3°11'13	7♍45	22° 7	9°26	7°18	15°59	3° 5	10°54	29°30	2°28	0°54	0°36	17°51	n.a.	F 29
S 30	14 21 39	4° 8'34	20°47	23°46	10°39	7°56	15°52	3°12	10°57	29°32	2°28	0°54	0°33	17°58	n.a.	S 30
S 31	14 25 36	5♉ 5'57	3♎34	25♉24	11♈52	8♉34	15♎45	3♈19	11♈ 1	29♈34	2♌29	0♏54	0♏30	18♐ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	2n40	8n16	4s41	1s51	0s25	11s16	1s45	8n19	0n32	7s 8	0n46	2s 6	2s 5	3n21	0s27	10n 1	1s18	37n 5	17n29	12s10	12s32	19s45		n.a.	F 1
S 2	3 3	3 57	4 1	0 51	0 14	10 48	1 45	8 35	0 33	7 5	0 45	2 3	2 5	3 23	0 27	10 2	1 18	37 5	17 29	12 9	12 31	19 45		n.a.	S 2
S 3	3 26	0s29	3 9	0n11	0 3	10 20	1 44	8 50	0 33	7 3	0 45	1 59	2 5	3 24	0 27	10 3	1 18	37 4	17 28	12 8	12 30	19 45		n.a.	S 3
M 4	3 49	4 49	2 8	1 12	0n 8	9 52	1 44	9 5	0 33	7 0	0 45	1 56	2 5	3 26	0 27	10 4	1 18	37 4	17 27	12 7	12 29	19 45		n.a.	M 4
T 5	4 12	8 52	1 1	2 14	0 18	9 24	1 43	9 20	0 34	6 57	0 45	1 53	2 5	3 27	0 27	10 4	1 18	37 3	17 27	12 6	12 27	19 45		n.a.	T 5
W 6	4 35	12 26	0n 7	3 15	0 28	8 55	1 42	9 35	0 34	6 54	0 45	1 50	2 5	3 28	0 27	10 5	1 18	37 3	17 26	12 6	12 26	19 45		n.a.	W 6
T 7	4 58	15 25	1 14	4 17	0 38	8 26	1 42	9 50	0 35	6 51	0 45	1 46	2 5	3 30	0 27	10 6	1 18	37 3	17 26	12 6	12 25	19 45		n.a.	T 7
F 8	5 20	17 41	2 16	5 17	0 47	7 57	1 41	10 5	0 35	6 49	0 45	1 43	2 5	3 31	0 27	10 7	1 18	37 2	17 25	12 7	12 24	19 45		n.a.	F 8
S 9	5 43	19 8	3 12	6 17	0 56	7 28	1 40	10 20	0 36	6 46	0 44	1 40	2 5	3 33	0 27	10 8	1 18	37 2	17 25	12 7	12 23	19 45		n.a.	S 9
S 10	6 6	19 45	4 0	7 16	1 5	6 58	1 39	10 35	0 36	6 43	0 44	1 37	2 5	3 34	0 27	10 9	1 18	37 1	17 24	12 8	12 22	19 46		n.a.	S 10
M11	6 28	19 29	4 37	8 14	1 12	6 28	1 38	10 50	0 37	6 40	0 44	1 34	2 5	3 36	0 27	10 9	1 18	37 1	17 23	12 8	12 21	19 46		n.a.	M11
T 12	6 51	18 20	5 3	9 10	1 20	5 59	1 37	11 4	0 37	6 37	0 44	1 31	2 5	3 37	0 27	10 10	1 18	37 0	17 23	12 8	12 20	19 46		n.a.	T 12
W13	7 13	16 22	5 16	10 5	1 26	5 28	1 36	11 19	0 38	6 34	0 44	1 27	2 5	3 39	0 27	10 11	1 18	36 59	17 22	12 8	12 18	19 46		n.a.	W13
T 14	7 36	13 38	5 14	10 58	1 32	4 58	1 35	11 33	0 38	6 31	0 44	1 24	2 5	3 40	0 27	10 12	1 18	36 59	17 22	12 8	12 17	19 46		n.a.	T 14
F 15	7 58	10 12	4 58	11 50	1 37	4 28	1 33	11 48	0 39	6 29	0 43	1 21	2 5	3 42	0 27	10 13	1 18	36 58	17 21	12 8	12 16	19 46		n.a.	F 15
S 16	8 20	6 12	4 26	12 40	1 42	3 57	1 32	12 2	0 39	6 26	0 43	1 18	2 5	3 43	0 27	10 13	1 18	36 58	17 21	12 7	12 15	19 46		n.a.	S 16
S 17	8 42	1 46	3 38	13 28	1 46	3 27	1 31	12 17	0 39	6 23	0 43	1 15	2 5	3 44	0 27	10 14	1 18	36 57	17 20	12 7	12 14	19 46		n.a.	S 17
M18	9 4	2n53	2 37	14 14	1 50	2 56	1 29	12 31	0 40	6 20	0 43	1 12	2 5	3 46	0 27	10 15	1 18	36 57	17 19	12 6	12 13	19 46		n.a.	M18
T 19	9 26	7 30	1 25	14 58	1 52	2 25	1 28	12 45	0 40	6 17	0 43	1 9	2 5	3 47	0 27	10 16	1 18	36 56	17 19	12 6	12 12	19 46		n.a.	T 19
W20	9 47	11 48	0 6	15 41	1 55	1 54	1 26	12 59	0 41	6 14	0 43	1 6	2 5	3 49	0 27	10 17	1 18	36 55	17 18	12 6	12 10	19 46		n.a.	W20
T 21	10 9	15 26	1s14	16 21	1 56	1 23	1 25	13 13	0 41	6 12	0 42	1 3	2 5	3 50	0 27	10 17	1 18	36 55	17 18	12 6	12 9	19 46		n.a.	T 21
F 22	10 30	18 5	2 31	16 59	1 57	0 52	1 23	13 27	0 42	6 9	0 42	1 0	2 5	3 52	0 27	10 18	1 18	36 54	17 17	12 6	12 8	19 46		n.a.	F 22
S 23	10 51	19 31	3 37	17 36	1 58	0 21	1 21	13 41	0 42	6 6	0 42	0 57	2 5	3 53	0 27	10 19	1 18	36 54	17 16	12 6	12 7	19 46		n.a.	S 23
S 24	11 12	19 38	4 28	18 10	1 57	0n10	1 19	13 55	0 43	6 3	0 42	0 54	2 5	3 54	0 27	10 20	1 18	36 53	17 16	12 6	12 6	19 46		n.a.	S 24
M25	11 33	18 28	5 2	18 43	1 57	0 42	1 18	14 8	0 43	6 1	0 42	0 51	2 5	3 56	0 27	10 21	1 18	36 52	17 15	12 6	12 5	19 46		n.a.	M25
T 26	11 54	16 10	5 17	19 13	1 55	1 13	1 16	14 22	0 43	5 58	0 41	0 48	2 5	3 57	0 27	10 22	1 18	36 52	17 15	12 6	12 4	19 46		n.a.	T 26
W27	12 15	12 59	5 13	19 42	1 54	1 44	1 14	14 35	0 44	5 55	0 41	0 45	2 5	3 59	0 27	10 22	1 18	36 51	17 14	12 6	12 2	19 46		n.a.	W27
T 28	12 35	9 11	4 51	20 9	1 51	2 15	1 12	14 49	0 44	5 53	0 41	0 42	2 5	4 0	0 27	10 23	1 18	36 50	17 14	12 7	12 1	19 46		n.a.	T 28
F 29	12 55	4 59	4 14	20 33	1 49	2 47	1 10	15 2	0 45	5 50	0 41	0 39	2 5	4 1	0 27	10 24	1 18	36 50	17 13	12 7	12 0	19 46		n.a.	F 29
S 30	13 15	0 38	3 25	20 56	1 45	3 18	1 8	15 15	0 45	5 47	0 40	0 36	2 5	4 3	0 27	10 25	1 18	36 49	17 12	12 7	11 59	19 46		n.a.	S 30
S 31	13n35	3s41	2s26	21n18	1n42	3n49	1s 6	15n28	0n46	5s45	0n40	0s33	2s 5	4n 4	0s27	10n26	1s18	36n48	17n12	12s 7	11s58	19s46		n.a.	S 31

Julian Day Number = 192972.5, Delta T = 32h24m30s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'44, Lahiri = -61°26'44 Julian Calendar 1 May 4185 BCE == Greg. Calendar 29 March 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

JUNE 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 29 33	6♉ 3'20	16♎ 9	27♉ 0	13♈ 5	9♉13	15°R38	3♈26	11♈ 4	29♈37	2♌29	0♏55	0♏26	18♐11	n.a.	M 1
T 2	14 33 29	7° 0'45	28°31	28°35	14°18	9°51	15♎31	3°33	11° 8	29°39	2°30	0°R55	0°23	18°18	n.a.	T 2
W 3	14 37 26	7°58'11	10♏43	0♊ 7	15°31	10°29	15°25	3°40	11°11	29°41	2°30	0°55	0°20	18°25	n.a.	W 3
T 4	14 41 22	8°55'39	22°47	1°38	16°44	11° 7	15°18	3°47	11°14	29°43	2°31	0°54	0°17	18°31	n.a.	T 4
F 5	14 45 19	9°53'08	4♐43	3° 8	17°57	11°45	15°12	3°54	11°17	29°45	2°32	0°53	0°14	18°38	n.a.	F 5
S 6	14 49 15	10°50'39	16°35	4°35	19°10	12°24	15° 6	4° 1	11°21	29°48	2°32	0°52	0°11	18°45	n.a.	S 6
S 7	14 53 12	11°48'11	28°26	6° 1	20°23	13° 2	14°59	4° 8	11°24	29°50	2°33	0°51	0° 7	18°51	n.a.	S 7
M 8	14 57 9	12°45'45	10♑17	7°25	21°37	13°40	14°53	4°15	11°27	29°52	2°34	0°49	0° 4	18°58	n.a.	M 8
T 9	15 1 5	13°43'21	22°13	8°48	22°50	14°19	14°47	4°22	11°30	29°54	2°35	0°48	0° 1	19° 5	n.a.	T 9
W10	15 5 2	14°40'58	4♒18	10° 9	24° 3	14°57	14°42	4°28	11°33	29°56	2°36	0°47	29♎58	19°12	n.a.	W10
T 11	15 8 58	15°38'38	16°37	11°27	25°17	15°35	14°36	4°35	11°37	29°59	2°37	0°D47	29°55	19°18	n.a.	T 11
F 12	15 12 55	16°36'19	29°12	12°44	26°30	16°14	14°31	4°42	11°40	0♉ 1	2°37	0°47	29°51	19°25	n.a.	F 12
S 13	15 16 51	17°34'02	12♓ 9	13°59	27°43	16°52	14°25	4°48	11°43	0° 3	2°38	0°48	29°48	19°32	n.a.	S 13
S 14	15 20 48	18°31'47	25°30	15°12	28°57	17°30	14°20	4°55	11°46	0° 5	2°39	0°49	29°45	19°38	n.a.	S 14
M15	15 24 45	19°29'34	9♈18	16°23	0♉10	18° 9	14°15	5° 1	11°49	0° 7	2°40	0°50	29°42	19°45	n.a.	M15
T 16	15 28 41	20°27'23	23°32	17°31	1°24	18°47	14°10	5° 8	11°52	0° 9	2°41	0°R51	29°39	19°52	n.a.	T 16
W17	15 32 38	21°25'14	8♉ 9	18°38	2°38	19°25	14° 5	5°14	11°55	0°11	2°43	0°51	29°36	19°58	n.a.	W17
T 18	15 36 34	22°23'07	23° 4	19°42	3°51	20° 4	14° 1	5°20	11°58	0°13	2°44	0°50	29°32	20° 5	n.a.	T 18
F 19	15 40 31	23°21'02	8♊ 9	20°43	5° 5	20°42	13°56	5°26	12° 1	0°16	2°45	0°48	29°29	20°12	n.a.	F 19
S 20	15 44 27	24°18'58	23°14	21°42	6°19	21°21	13°52	5°33	12° 4	0°18	2°46	0°45	29°26	20°18	n.a.	S 20
S 21	15 48 24	25°16'56	8♋12	22°38	7°33	21°59	13°48	5°39	12° 7	0°20	2°47	0°42	29°23	20°25	n.a.	S 21
M22	15 52 20	26°14'56	22°53	23°31	8°47	22°37	13°44	5°45	12° 9	0°22	2°48	0°39	29°20	20°32	n.a.	M22
T 23	15 56 17	27°12'57	7♌13	24°21	10° 1	23°16	13°40	5°51	12°12	0°24	2°50	0°37	29°16	20°39	n.a.	T 23
W24	16 0 14	28°11'00	21° 8	25° 8	11°15	23°54	13°37	5°57	12°15	0°26	2°51	0°36	29°13	20°45	n.a.	W24
T 25	16 4 10	29° 9'05	4♍40	25°51	12°29	24°33	13°33	6° 2	12°18	0°28	2°52	0°D35	29°10	20°52	n.a.	T 25
F 26	16 8 7	0♊ 7'11	17°48	26°30	13°43	25°11	13°30	6° 8	12°20	0°30	2°54	0°36	29° 7	20°59	n.a.	F 26
S 27	16 12 3	1° 5'19	0♎37	27° 6	14°57	25°50	13°27	6°14	12°23	0°32	2°55	0°38	29° 4	21° 5	n.a.	S 27
S 28	16 16 0	2° 3'28	13° 9	27°37	16°11	26°28	13°24	6°20	12°26	0°34	2°56	0°40	29° 1	21°12	n.a.	S 28
M29	16 19 56	3° 1'39	25°28	28° 4	17°25	27° 7	13°22	6°25	12°28	0°36	2°58	0°R41	28°57	21°19	n.a.	M29
T 30	16 23 53	3♊59'53	7♏36	28♊26	18♉39	27♉45	13♎19	6♈31	12♈31	0♉38	2♌59	0♏40	28♎54	21♐25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n55	7s46	1s21	21n37	1n37	4n20	1s 4	15n41	0n46	5s42	0n40	0s30	2s 5	4n 5	0s27	10n26	1s18	36n48	17n11	12s 7	11s57	19s46		n.a.
T 2	14 14	11 27	0 13	21 55	1 33	4 51	1 2	15 54	0 46	5 40	0 40	0 28	2 6	4 7	0 27	10 27	1 18	36 47	17 11	12 7	11 56	19 46		n.a.
W 3	14 33	14 36	0n54	22 11	1 28	5 22	0 59	16 7	0 47	5 38	0 40	0 25	2 6	4 8	0 27	10 28	1 18	36 46	17 10	12 7	11 54	19 46		n.a.
T 4	14 52	17 5	1 58	22 25	1 22	5 53	0 57	16 20	0 47	5 35	0 39	0 22	2 6	4 9	0 27	10 29	1 18	36 45	17 9	12 7	11 53	19 46		n.a.
F 5	15 11	18 47	2 57	22 37	1 17	6 23	0 55	16 32	0 48	5 33	0 39	0 19	2 6	4 11	0 27	10 30	1 18	36 45	17 9	12 6	11 52	19 46		n.a.
S 6	15 30	19 39	3 47	22 48	1 10	6 54	0 53	16 45	0 48	5 31	0 39	0 16	2 6	4 12	0 27	10 30	1 18	36 44	17 8	12 6	11 51	19 46		n.a.
S 7	15 48	19 39	4 28	22 58	1 4	7 25	0 50	16 57	0 48	5 28	0 39	0 14	2 6	4 13	0 27	10 31	1 18	36 43	17 8	12 5	11 50	19 46		n.a.
M 8	16 6	18 46	4 57	23 6	0 57	7 55	0 48	17 10	0 49	5 26	0 38	0 11	2 6	4 15	0 27	10 32	1 18	36 42	17 7	12 5	11 49	19 46		n.a.
T 9	16 24	17 5	5 13	23 12	0 50	8 25	0 46	17 22	0 49	5 24	0 38	0 8	2 6	4 16	0 27	10 33	1 18	36 42	17 7	12 4	11 48	19 46		n.a.
W10	16 42	14 37	5 16	23 17	0 42	8 55	0 43	17 34	0 50	5 22	0 38	0 6	2 6	4 17	0 27	10 34	1 18	36 41	17 6	12 4	11 46	19 46		n.a.
T 11	16 59	11 28	5 5	23 21	0 34	9 25	0 41	17 46	0 50	5 20	0 38	0 3	2 6	4 18	0 27	10 34	1 18	36 40	17 5	12 4	11 45	19 46		n.a.
F 12	17 16	7 44	4 39	23 23	0 26	9 54	0 38	17 58	0 50	5 18	0 37	0 0	2 6	4 20	0 27	10 35	1 18	36 39	17 5	12 4	11 44	19 46		n.a.
S 13	17 33	3 33	3 58	23 24	0 17	10 24	0 36	18 9	0 51	5 16	0 37	0n 2	2 6	4 21	0 27	10 36	1 18	36 39	17 4	12 5	11 43	19 46		n.a.
S 14	17 49	0n57	3 3	23 24	0 8	10 53	0 34	18 21	0 51	5 14	0 37	0 5	2 7	4 22	0 27	10 37	1 18	36 38	17 4	12 5	11 42	19 46		n.a.
M15	18 6	5 34	1 56	23 23	0s 1	11 22	0 31	18 32	0 52	5 13	0 37	0 7	2 7	4 23	0 27	10 37	1 18	36 37	17 3	12 5	11 41	19 46		n.a.
T 16	18 22	10 1	0 40	23 20	0 10	11 51	0 29	18 44	0 52	5 11	0 36	0 10	2 7	4 24	0 27	10 38	1 18	36 36	17 3	12 6	11 40	19 46		n.a.
W17	18 37	13 59	0s40	23 17	0 20	12 19	0 26	18 55	0 52	5 9	0 36	0 12	2 7	4 26	0 27	10 39	1 18	36 35	17 2	12 6	11 38	19 46		n.a.
T 18	18 53	17 8	1 59	23 12	0 30	12 47	0 24	19 6	0 53	5 8	0 36	0 15	2 7	4 27	0 27	10 40	1 18	36 34	17 2	12 5	11 37	19 46		n.a.
F 19	19 8	19 8	3 11	23 7	0 40	13 15	0 21	19 17	0 53	5 6	0 36	0 17	2 7	4 28	0 27	10 41	1 18	36 34	17 1	12 5	11 36	19 46		n.a.
S 20	19 23	19 47	4 10	23 0	0 51	13 43	0 19	19 28	0 54	5 5	0 35	0 20	2 7	4 29	0 27	10 41	1 18	36 33	17 0	12 4	11 35	19 46		n.a.
S 21	19 37	19 1	4 51	22 53	1 1	14 10	0 16	19 39	0 54	5 3	0 35	0 22	2 7	4 30	0 27	10 42	1 18	36 32	17 0	12 2	11 34	19 46		n.a.
M22	19 51	17 0	5 11	22 45	1 12	14 37	0 14	19 49	0 54	5 2	0 35	0 24	2 7	4 31	0 27	10 43	1 18	36 31	16 59	12 1	11 33	19 46		n.a.
T 23	20 5	13 58	5 12	22 37	1 23	15 3	0 11	20 0	0 55	5 1	0 35	0 27	2 8	4 33	0 27	10 43	1 18	36 30	16 59	12 0	11 31	19 46		n.a.
W24	20 19	10 13	4 54	22 27	1 34	15 29	0 8	20 10	0 55	4 59	0 34	0 29	2 8	4 34	0 27	10 44	1 18	36 29	16 58	12 0	11 30	19 45		n.a.
T 25	20 32	6 2	4 21	22 18	1 45	15 55	0 6	20 20	0 55	4 58	0 34	0 31	2 8	4 35	0 27	10 45	1 18	36 29	16 58	12 0	11 29	19 45		n.a.
F 26	20 45	1 41	3 34	22 8	1 56	16 21	0 3	20 30	0 56	4 57	0 34	0 33	2 8	4 36	0 27	10 46	1 18	36 28	16 57	12 0	11 28	19 45		n.a.
S 27	20 57	2s39	2 37	21 58	2 7	16 46	0 1	20 40	0 56	4 56	0 34	0 36	2 8	4 37	0 27	10 46	1 18	36 27	16 57	12 1	11 27	19 45		n.a.
S 28	21 9	6 47	1 35	21 47	2 18	17 10	0n 2	20 50	0 57	4 55	0 33	0 38	2 8	4 38	0 27	10 47	1 18	36 26	16 56	12 1	11 26	19 45		n.a.
M29	21 21	10 33	0 29	21 36	2 30	17 34	0 4	20 59	0 57	4 55	0 33	0 40	2 8	4 39	0 27	10 48	1 18	36 25	16 56	12 2	11 24	19 45		n.a.
T 30	21n32	13s50	0n38	21n26	2s41	17n58	0n 7	21n 9	0n57	4s54	0n33	0n42	2s 8	4n40	0s27	10n48	1s18	36n24	16n55	12s 2	11s23	19s45		n.a.

Julian Day Number = 193003.5, Delta T = 32h24m27s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'40, Lahiri = -61°26'40 Julian Calendar 1 June 4185 BCE == Greg. Calendar 29 Apr. 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

JULY 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 27 49	4♊58'08	19♏37	28♊43	19♉53	28♉24	13°R17	6♈36	12♈33	0♉40	3♌ 1	0°R39	28♎51	21♐32	n.a.	W 1
T 2	16 31 46	5°56'25	1♐33	28°55	21° 8	29° 2	13♎15	6°41	12°36	0°42	3° 2	0♏35	28°48	21°39	n.a.	T 2
F 3	16 35 43	6°54'44	13°25	29° 1	22°22	29°41	13°13	6°47	12°38	0°43	3° 4	0°30	28°45	21°45	n.a.	F 3
S 4	16 39 39	7°53'05	25°16	29°R 1	23°36	0♊19	13°11	6°52	12°41	0°45	3° 6	0°24	28°42	21°52	n.a.	S 4
S 5	16 43 36	8°51'29	7♑ 7	28°55	24°51	0°58	13° 9	6°57	12°43	0°47	3° 7	0°17	28°38	21°59	n.a.	S 5
M 6	16 47 32	9°49'55	19° 0	28°43	26° 5	1°37	13° 8	7° 2	12°45	0°49	3° 9	0°10	28°35	22° 6	n.a.	M 6
T 7	16 51 29	10°48'23	0♒59	28°24	27°20	2°15	13° 7	7° 7	12°48	0°51	3°10	0° 3	28°32	22°12	n.a.	T 7
W 8	16 55 25	11°46'53	13° 5	27°59	28°34	2°54	13° 6	7°12	12°50	0°53	3°12	29♎58	28°29	22°19	n.a.	W 8
T 9	16 59 22	12°45'26	25°22	27°27	29°49	3°32	13° 5	7°16	12°52	0°54	3°14	29°55	28°26	22°26	n.a.	T 9
F 10	17 3 18	13°44'01	7♓54	26°48	1♊ 3	4°11	13° 5	7°21	12°54	0°56	3°16	29°53	28°22	22°32	n.a.	F 10
S 11	17 7 15	14°42'39	20°45	26° 4	2°18	4°50	13° 4	7°26	12°56	0°58	3°17	29°D53	28°19	22°39	n.a.	S 11
S 12	17 11 11	15°41'19	3♈59	25°14	3°33	5°29	13° 4	7°30	12°59	1° 0	3°19	29°54	28°16	22°46	n.a.	S 12
M13	17 15 8	16°40'02	17°39	24°19	4°47	6° 7	13°D 4	7°35	13° 1	1° 1	3°21	29°55	28°13	22°52	n.a.	M13
T 14	17 19 5	17°38'47	1♉46	23°20	6° 2	6°46	13° 4	7°39	13° 3	1° 3	3°23	29°R56	28°10	22°59	n.a.	T 14
W15	17 23 1	18°37'34	16°20	22°18	7°17	7°25	13° 4	7°43	13° 5	1° 5	3°25	29°54	28° 7	23° 6	n.a.	W15
T 16	17 26 58	19°36'24	1♊16	21°15	8°32	8° 4	13° 5	7°47	13° 6	1° 6	3°27	29°51	28° 3	23°13	n.a.	T 16
F 17	17 30 54	20°35'17	16°29	20°11	9°46	8°42	13° 6	7°51	13° 8	1° 8	3°28	29°46	28° 0	23°19	n.a.	F 17
S 18	17 34 51	21°34'12	1♋47	19° 9	11° 1	9°21	13° 7	7°55	13°10	1° 9	3°30	29°39	27°57	23°26	n.a.	S 18
S 19	17 38 47	22°33'09	16°59	18°10	12°16	10° 0	13° 8	7°59	13°12	1°11	3°32	29°31	27°54	23°33	n.a.	S 19
M20	17 42 44	23°32'08	1♌56	17°15	13°31	10°39	13° 9	8° 3	13°14	1°12	3°34	29°23	27°51	23°39	n.a.	M20
T 21	17 46 40	24°31'09	16°30	16°26	14°46	11°18	13°11	8° 7	13°15	1°14	3°36	29°16	27°48	23°46	n.a.	T 21
W22	17 50 37	25°30'12	0♍35	15°44	16° 1	11°56	13°12	8°10	13°17	1°15	3°38	29°11	27°44	23°53	n.a.	W22
T 23	17 54 33	26°29'17	14°11	15°10	17°16	12°35	13°14	8°14	13°19	1°17	3°40	29° 8	27°41	23°59	n.a.	T 23
F 24	17 58 30	27°28'24	27°20	14°46	18°31	13°14	13°17	8°17	13°20	1°18	3°42	29°D 8	27°38	24° 6	n.a.	F 24
S 25	18 2 26	28°27'33	10♎ 5	14°31	19°46	13°53	13°19	8°21	13°22	1°20	3°44	29° 8	27°35	24°13	n.a.	S 25
S 26	18 6 23	29°26'44	22°30	14°D26	21° 1	14°32	13°21	8°24	13°23	1°21	3°47	29° 9	27°32	24°20	n.a.	S 26
M27	18 10 19	0♋25'58	4♏41	14°31	22°17	15°11	13°24	8°27	13°24	1°22	3°49	29°R 9	27°28	24°26	n.a.	M27
T 28	18 14 16	1°25'13	16°41	14°47	23°32	15°50	13°27	8°30	13°26	1°24	3°51	29° 7	27°25	24°33	n.a.	T 28
W29	18 18 13	2°24'30	28°35	15°12	24°47	16°29	13°30	8°33	13°27	1°25	3°53	29° 3	27°22	24°40	n.a.	W29
T 30	18 22 9	3°23'50	10♐25	15°47	26° 2	17° 8	13°33	8°36	13°28	1°26	3°55	28°56	27°19	24°46	n.a.	T 30
F 31	18 26 6	4♋23'12	22♐16	16♊31	27♊17	17♊47	13♎37	8♈38	13♈29	1♉28	3♌57	28♎47	27♎16	24♐53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n43	16s30	1n42	21n15	2s51	18n21	0n 9	21n18	0n58	4s53	0n33	0n44	2s 9	4n41	0s27	10n49	1s18	36n24	16n55	12s 1	11s22	19s45		n.a.
T 2	21 54	18 26	2 40	21 5	3 2	18 44	0 11	21 27	0 58	4 52	0 32	0 46	2 9	4 42	0 27	10 50	1 18	36 23	16 54	12 0	11 21	19 45		n.a.
F 3	22 4	19 33	3 32	20 55	3 12	19 6	0 14	21 36	0 58	4 52	0 32	0 48	2 9	4 43	0 27	10 50	1 18	36 22	16 54	11 58	11 20	19 45		n.a.
S 4	22 14	19 48	4 14	20 45	3 22	19 28	0 16	21 45	0 59	4 51	0 32	0 50	2 9	4 44	0 27	10 51	1 18	36 21	16 53	11 56	11 19	19 44		n.a.
S 5	22 24	19 10	4 45	20 36	3 31	19 49	0 19	21 53	0 59	4 51	0 32	0 52	2 9	4 45	0 27	10 52	1 18	36 20	16 53	11 53	11 18	19 44		n.a.
M 6	22 33	17 43	5 4	20 27	3 39	20 10	0 21	22 2	0 59	4 51	0 31	0 54	2 9	4 46	0 27	10 52	1 18	36 19	16 52	11 51	11 16	19 44		n.a.
T 7	22 42	15 28	5 10	20 20	3 46	20 30	0 23	22 10	1 0	4 51	0 31	0 56	2 9	4 47	0 27	10 53	1 18	36 18	16 52	11 48	11 15	19 44		n.a.
W 8	22 50	12 33	5 2	20 13	3 53	20 49	0 26	22 19	1 0	4 50	0 31	0 57	2 10	4 47	0 27	10 54	1 18	36 17	16 52	11 46	11 14	19 44		n.a.
T 9	22 58	9 3	4 40	20 7	3 58	21 8	0 28	22 27	1 0	4 50	0 31	0 59	2 10	4 48	0 27	10 54	1 18	36 17	16 51	11 45	11 13	19 44		n.a.
F 10	23 5	5 5	4 4	20 3	4 2	21 26	0 30	22 34	1 1	4 50	0 30	1 1	2 10	4 49	0 27	10 55	1 18	36 16	16 51	11 45	11 12	19 44		n.a.
S 11	23 12	0 47	3 16	19 59	4 4	21 44	0 33	22 42	1 1	4 50	0 30	1 3	2 10	4 50	0 27	10 55	1 18	36 15	16 50	11 45	11 11	19 44		n.a.
S 12	23 19	3n41	2 16	19 57	4 5	22 1	0 35	22 50	1 2	4 51	0 30	1 4	2 10	4 51	0 27	10 56	1 18	36 14	16 50	11 45	11 9	19 43		n.a.
M13	23 25	8 7	1 6	19 56	4 4	22 18	0 37	22 57	1 2	4 51	0 30	1 6	2 10	4 52	0 27	10 57	1 18	36 13	16 49	11 45	11 8	19 43		n.a.
T 14	23 31	12 16	0s10	19 56	4 0	22 34	0 39	23 4	1 2	4 51	0 29	1 8	2 11	4 52	0 27	10 57	1 18	36 12	16 49	11 46	11 7	19 43		n.a.
W15	23 36	15 48	1 27	19 58	3 55	22 49	0 41	23 11	1 3	4 51	0 29	1 9	2 11	4 53	0 27	10 58	1 18	36 11	16 49	11 45	11 6	19 43		n.a.
T 16	23 41	18 22	2 41	20 1	3 48	23 3	0 43	23 18	1 3	4 52	0 29	1 11	2 11	4 54	0 27	10 58	1 18	36 10	16 48	11 44	11 5	19 43		n.a.
F 17	23 46	19 42	3 44	20 6	3 39	23 17	0 45	23 25	1 3	4 52	0 29	1 12	2 11	4 55	0 27	10 59	1 18	36 9	16 48	11 42	11 4	19 43		n.a.
S 18	23 50	19 35	4 31	20 13	3 27	23 30	0 47	23 31	1 4	4 53	0 28	1 14	2 11	4 55	0 27	10 59	1 18	36 9	16 47	11 39	11 2	19 42		n.a.
S 19	23 54	18 3	4 59	20 21	3 14	23 43	0 49	23 38	1 4	4 54	0 28	1 15	2 11	4 56	0 27	11 0	1 18	36 8	16 47	11 37	11 1	19 42		n.a.
M20	23 57	15 19	5 6	20 30	3 0	23 55	0 51	23 44	1 4	4 54	0 28	1 16	2 12	4 57	0 27	11 0	1 18	36 7	16 47	11 34	11 0	19 42		n.a.
T 21	24 0	11 41	4 53	20 41	2 44	24 6	0 53	23 50	1 4	4 55	0 28	1 18	2 12	4 57	0 27	11 1	1 18	36 6	16 46	11 31	10 59	19 42		n.a.
W22	24 2	7 30	4 22	20 54	2 26	24 16	0 55	23 56	1 5	4 56	0 27	1 19	2 12	4 58	0 27	11 1	1 18	36 5	16 46	11 29	10 58	19 42		n.a.
T 23	24 4	3 4	3 37	21 8	2 9	24 25	0 57	24 1	1 5	4 57	0 27	1 20	2 12	4 59	0 27	11 2	1 18	36 4	16 46	11 28	10 57	19 42		n.a.
F 24	24 5	1s23	2 42	21 23	1 50	24 34	0 58	24 7	1 5	4 58	0 27	1 22	2 12	4 59	0 27	11 2	1 18	36 3	16 45	11 28	10 55	19 41		n.a.
S 25	24 6	5 38	1 40	21 40	1 32	24 42	1 0	24 12	1 6	4 59	0 27	1 23	2 13	5 0	0 27	11 3	1 18	36 2	16 45	11 28	10 54	19 41		n.a.
S 26	24 7	9 33	0 36	21 58	1 13	24 49	1 2	24 17	1 6	5 1	0 27	1 24	2 13	5 0	0 27	11 3	1 18	36 2	16 45	11 29	10 53	19 41		n.a.
M27	24 7	12 59	0n30	22 17	0 55	24 56	1 3	24 22	1 6	5 2	0 26	1 25	2 13	5 1	0 27	11 4	1 18	36 1	16 44	11 29	10 52	19 41		n.a.
T 28	24 6	15 49	1 32	22 36	0 37	25 2	1 5	24 26	1 7	5 3	0 26	1 26	2 13	5 2	0 27	11 4	1 18	36 0	16 44	11 28	10 51	19 41		n.a.
W29	24 5	17 58	2 30	22 56	0 20	25 7	1 6	24 31	1 7	5 5	0 26	1 27	2 13	5 2	0 27	11 5	1 18	35 59	16 44	11 27	10 50	19 40		n.a.
T 30	24 4	19 19	3 21	23 16	0 4	25 11	1 8	24 35	1 7	5 6	0 26	1 28	2 13	5 3	0 27	11 5	1 18	35 58	16 43	11 24	10 48	19 40		n.a.
F 31	24n 2	19s50	4n 4	23n35	0n11	25n14	1n 9	24n39	1n 8	5s 8	0n25	1n29	2s14	5n 3	0s27	11n 5	1s18	35n57	16n43	11s21	10s47	19s40		n.a.

Julian Day Number = 193033.5, Delta T = 32h24m24s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'36, Lahiri = -61°26'36 Julian Calendar 1 July 4185 BCE == Greg. Calendar 29 May 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

AUGUST 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 30 2	5♋22'35	4♉ 8	17♊23	28♊33	18♊26	13♎40	8♈41	13♈31	1♉29	3♏59	28°R35	27♎13	25♐ 0	n.a.	S 1
S 2	18 33 59	6°22'02	16° 3	18°23	29°48	19° 5	13°44	8°43	13°32	1°30	4° 2	28♎23	27° 9	25° 7	n.a.	S 2
M 3	18 37 55	7°21'30	28° 2	19°30	1♋ 3	19°44	13°48	8°46	13°33	1°31	4° 4	28°10	27° 6	25°13	n.a.	M 3
T 4	18 41 52	8°21'01	10♒ 8	20°43	2°19	20°23	13°52	8°48	13°34	1°32	4° 6	27°57	27° 3	25°20	n.a.	T 4
W 5	18 45 48	9°20'35	22°20	22° 1	3°34	21° 2	13°56	8°50	13°35	1°33	4° 8	27°47	27° 0	25°27	n.a.	W 5
T 6	18 49 45	10°20'10	4♓42	23°25	4°49	21°41	14° 1	8°52	13°35	1°34	4°11	27°40	26°57	25°33	n.a.	T 6
F 7	18 53 41	11°19'49	17°17	24°52	6° 5	22°21	14° 5	8°54	13°36	1°35	4°13	27°35	26°54	25°40	n.a.	F 7
S 8	18 57 38	12°19'29	0♈ 6	26°23	7°20	23° 0	14°10	8°56	13°37	1°36	4°15	27°32	26°50	25°47	n.a.	S 8
S 9	19 1 34	13°19'13	13°14	27°57	8°36	23°39	14°15	8°58	13°38	1°37	4°18	27°D32	26°47	25°53	n.a.	S 9
M10	19 5 31	14°18'59	26°44	29°33	9°51	24°18	14°20	9° 0	13°38	1°38	4°20	27°R32	26°44	26° 0	n.a.	M10
T 11	19 9 27	15°18'47	10♉39	1♋11	11° 7	24°57	14°26	9° 1	13°39	1°39	4°22	27°31	26°41	26° 7	n.a.	T 11
W12	19 13 24	16°18'38	24°59	2°51	12°22	25°37	14°31	9° 2	13°40	1°40	4°25	27°29	26°38	26°14	n.a.	W12
T 13	19 17 21	17°18'32	9♊42	4°32	13°38	26°16	14°37	9° 4	13°40	1°41	4°27	27°24	26°34	26°20	n.a.	T 13
F 14	19 21 17	18°18'28	24°45	6°14	14°53	26°55	14°43	9° 5	13°41	1°42	4°29	27°17	26°31	26°27	n.a.	F 14
S 15	19 25 14	19°18'26	9♋58	7°57	16° 9	27°35	14°49	9° 6	13°41	1°42	4°32	27° 6	26°28	26°34	n.a.	S 15
S 16	19 29 10	20°18'27	25°10	9°40	17°24	28°14	14°55	9° 7	13°41	1°43	4°34	26°55	26°25	26°40	n.a.	S 16
M17	19 33 7	21°18'29	10♌12	11°23	18°40	28°53	15° 1	9° 8	13°42	1°44	4°36	26°44	26°22	26°47	n.a.	M17
T 18	19 37 3	22°18'34	24°53	13° 6	19°55	29°33	15° 8	9° 9	13°42	1°45	4°39	26°33	26°19	26°54	n.a.	T 18
W19	19 41 0	23°18'41	9♍ 6	14°50	21°11	0♋12	15°15	9° 9	13°42	1°45	4°41	26°25	26°15	27° 1	n.a.	W19
T 20	19 44 56	24°18'49	22°50	16°33	22°27	0°52	15°21	9°10	13°42	1°46	4°44	26°20	26°12	27° 7	n.a.	T 20
F 21	19 48 53	25°18'59	6♎ 4	18°16	23°42	1°31	15°28	9°10	13°42	1°46	4°46	26°18	26° 9	27°14	n.a.	F 21
S 22	19 52 49	26°19'12	18°52	19°58	24°58	2°10	15°36	9°10	13°R42	1°47	4°48	26°17	26° 6	27°21	n.a.	S 22
S 23	19 56 46	27°19'26	1♏18	21°41	26°13	2°50	15°43	9°10	13°42	1°47	4°51	26°17	26° 3	27°27	n.a.	S 23
M24	20 0 42	28°19'41	13°28	23°22	27°29	3°29	15°50	9°R10	13°42	1°48	4°53	26°16	26° 0	27°34	n.a.	M24
T 25	20 4 39	29°19'59	25°26	25° 4	28°45	4° 9	15°58	9°10	13°42	1°48	4°56	26°14	25°56	27°41	n.a.	T 25
W26	20 8 35	0♌20'18	7♐17	26°45	0♌ 0	4°48	16° 5	9°10	13°42	1°49	4°58	26° 9	25°53	27°47	n.a.	W26
T 27	20 12 32	1°20'40	19° 7	28°25	1°16	5°28	16°13	9°10	13°42	1°49	5° 1	26° 2	25°50	27°54	n.a.	T 27
F 28	20 16 29	2°21'03	0♉58	0♌ 5	2°32	6° 8	16°21	9° 9	13°41	1°49	5° 3	25°52	25°47	28° 1	n.a.	F 28
S 29	20 20 25	3°21'28	12°53	1°45	3°47	6°47	16°30	9° 9	13°41	1°50	5° 5	25°39	25°44	28° 8	n.a.	S 29
S 30	20 24 22	4°21'54	24°54	3°24	5° 3	7°27	16°38	9° 8	13°40	1°50	5° 8	25°25	25°40	28°14	n.a.	S 30
M31	20 28 18	5♌22'23	7♒ 4	5♌ 3	6♌19	8♋ 6	16♎46	9♈ 7	13♈40	1♉50	5♌10	25♎10	25♎37	28♐21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 0	19s28	4n35	23n55	0n25	25n17	1n10	24n43	1n 8	5s 9	0n25	1n30	2s14	5n 3	0s27	11n 6	1s18	35n56	16n43	11s16	10s46	19s40		n.a.
S 2	23 57	18 14	4 55	24 14	0 38	25 18	1 12	24 47	1 8	5 11	0 25	1 31	2 14	5 4	0 27	11 6	1 18	35 56	16 43	11 12	10 45	19 40		n.a.
M 3	23 54	16 13	5 2	24 31	0 50	25 19	1 13	24 50	1 8	5 13	0 25	1 31	2 14	5 4	0 27	11 7	1 18	35 55	16 42	11 7	10 44	19 39		n.a.
T 4	23 50	13 28	4 55	24 48	1 1	25 19	1 14	24 54	1 9	5 15	0 24	1 32	2 14	5 5	0 27	11 7	1 18	35 54	16 42	11 3	10 42	19 39		n.a.
W 5	23 46	10 8	4 35	25 3	1 11	25 19	1 15	24 57	1 9	5 17	0 24	1 33	2 15	5 5	0 28	11 7	1 18	35 53	16 42	10 59	10 41	19 39		n.a.
T 6	23 42	6 19	4 2	25 16	1 20	25 17	1 16	25 0	1 9	5 19	0 24	1 33	2 15	5 5	0 28	11 8	1 18	35 52	16 42	10 56	10 40	19 39		n.a.
F 7	23 37	2 10	3 16	25 28	1 28	25 15	1 17	25 3	1 10	5 21	0 24	1 34	2 15	5 6	0 28	11 8	1 18	35 51	16 41	10 54	10 39	19 38		n.a.
S 8	23 31	2n10	2 20	25 38	1 34	25 12	1 18	25 5	1 10	5 23	0 24	1 35	2 15	5 6	0 28	11 8	1 19	35 50	16 41	10 53	10 38	19 38		n.a.
S 9	23 25	6 31	1 15	25 46	1 40	25 8	1 19	25 7	1 10	5 25	0 23	1 35	2 15	5 6	0 28	11 9	1 19	35 50	16 41	10 53	10 37	19 38		n.a.
M10	23 19	10 39	0 4	25 51	1 44	25 3	1 20	25 10	1 10	5 27	0 23	1 36	2 16	5 6	0 28	11 9	1 19	35 49	16 41	10 53	10 35	19 38		n.a.
T 11	23 12	14 21	1s 9	25 55	1 48	24 58	1 20	25 12	1 11	5 30	0 23	1 36	2 16	5 7	0 28	11 9	1 19	35 48	16 41	10 53	10 34	19 37		n.a.
W12	23 5	17 17	2 20	25 56	1 51	24 52	1 21	25 13	1 11	5 32	0 23	1 36	2 16	5 7	0 28	11 10	1 19	35 47	16 40	10 52	10 33	19 37		n.a.
T 13	22 57	19 11	3 23	25 55	1 53	24 45	1 22	25 15	1 11	5 34	0 22	1 37	2 16	5 7	0 28	11 10	1 19	35 46	16 40	10 50	10 32	19 37		n.a.
F 14	22 49	19 46	4 14	25 52	1 55	24 37	1 22	25 16	1 12	5 37	0 22	1 37	2 16	5 7	0 28	11 10	1 19	35 46	16 40	10 47	10 31	19 37		n.a.
S 15	22 41	18 57	4 47	25 47	1 55	24 28	1 23	25 17	1 12	5 40	0 22	1 37	2 17	5 7	0 28	11 10	1 19	35 45	16 40	10 44	10 29	19 36		n.a.
S 16	22 32	16 47	5 0	25 40	1 55	24 19	1 23	25 18	1 12	5 42	0 22	1 38	2 17	5 8	0 28	11 11	1 19	35 44	16 40	10 39	10 28	19 36		n.a.
M17	22 22	13 30	4 52	25 31	1 55	24 9	1 23	25 19	1 12	5 45	0 22	1 38	2 17	5 8	0 28	11 11	1 19	35 43	16 40	10 35	10 27	19 36		n.a.
T 18	22 12	9 26	4 25	25 20	1 54	23 58	1 24	25 19	1 13	5 48	0 21	1 38	2 17	5 8	0 28	11 11	1 19	35 42	16 40	10 31	10 26	19 36		n.a.
W19	22 2	4 58	3 42	25 7	1 52	23 46	1 24	25 20	1 13	5 51	0 21	1 38	2 17	5 8	0 28	11 11	1 19	35 42	16 39	10 28	10 25	19 35		n.a.
T 20	21 51	0 23	2 47	24 53	1 50	23 34	1 24	25 20	1 13	5 53	0 21	1 38	2 18	5 8	0 28	11 11	1 19	35 41	16 39	10 27	10 24	19 35		n.a.
F 21	21 40	4s 4	1 45	24 36	1 48	23 21	1 24	25 20	1 13	5 56	0 21	1 38	2 18	5 8	0 28	11 12	1 19	35 40	16 39	10 26	10 22	19 35		n.a.
S 22	21 29	8 12	0 39	24 19	1 45	23 7	1 24	25 19	1 14	5 59	0 21	1 38	2 18	5 8	0 28	11 12	1 19	35 39	16 39	10 25	10 21	19 34		n.a.
S 23	21 17	11 51	0n27	23 59	1 42	22 52	1 24	25 19	1 14	6 2	0 20	1 38	2 18	5 8	0 28	11 12	1 19	35 39	16 39	10 25	10 20	19 34		n.a.
M24	21 4	14 54	1 30	23 38	1 38	22 37	1 24	25 18	1 14	6 6	0 20	1 38	2 18	5 8	0 28	11 12	1 19	35 38	16 39	10 25	10 19	19 34		n.a.
T 25	20 52	17 16	2 28	23 16	1 34	22 21	1 24	25 17	1 14	6 9	0 20	1 37	2 19	5 8	0 28	11 12	1 19	35 37	16 39	10 24	10 18	19 33		n.a.
W26	20 39	18 52	3 19	22 52	1 30	22 5	1 23	25 16	1 15	6 12	0 20	1 37	2 19	5 8	0 28	11 12	1 19	35 36	16 39	10 23	10 16	19 33		n.a.
T 27	20 25	19 39	4 1	22 27	1 26	21 47	1 23	25 15	1 15	6 15	0 20	1 37	2 19	5 7	0 28	11 12	1 19	35 36	16 39	10 20	10 15	19 33		n.a.
F 28	20 11	19 34	4 33	22 1	1 21	21 29	1 23	25 13	1 15	6 19	0 19	1 36	2 19	5 7	0 28	11 12	1 19	35 35	16 39	10 16	10 14	19 33		n.a.
S 29	19 57	18 37	4 53	21 34	1 16	21 11	1 22	25 11	1 15	6 22	0 19	1 36	2 19	5 7	0 28	11 13	1 19	35 34	16 39	10 11	10 13	19 32		n.a.
S 30	19 42	16 50	5 0	21 5	1 11	20 52	1 22	25 9	1 16	6 25	0 19	1 36	2 19	5 7	0 28	11 13	1 19	35 34	16 39	10 6	10 12	19 32		n.a.
M31	19n27	14s18	4n54	20n36	1n 5	20n32	1n21	25n 7	1n16	6s29	0n19	1n35	2s20	5n 7	0s28	11n13	1s19	35n33	16n39	10s 0	10s11	19s32		n.a.

Julian Day Number = 193064.5, Delta T = 32h24m20s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'32, Lahiri = -61°26'31 Julian Calendar 1 Aug. 4185 BCE == Greg. Calendar 29 June 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

SEPTEMBER 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 32 15	6♌22'53	19♒21	6♌41	7♌34	8♋46	16♎55	9°R 7	13°R40	1♉50	5♌13	24°R57	25♎34	28♐28	n.a.	T 1
W 2	20 36 11	7°23'25	1♓47	8°19	8°50	9°26	17° 3	9♈ 6	13♈39	1°51	5°15	24♎45	25°31	28°34	n.a.	W 2
T 3	20 40 8	8°24'00	14°22	9°56	10° 6	10° 5	17°12	9° 5	13°38	1°51	5°18	24°37	25°28	28°41	n.a.	T 3
F 4	20 44 4	9°24'36	27° 8	11°33	11°21	10°45	17°21	9° 3	13°38	1°51	5°20	24°31	25°25	28°48	n.a.	F 4
S 5	20 48 1	10°25'14	10♈ 6	13° 9	12°37	11°25	17°30	9° 2	13°37	1°51	5°23	24°28	25°21	28°55	n.a.	S 5
S 6	20 51 57	11°25'55	23°17	14°45	13°53	12° 5	17°40	9° 1	13°36	1°R51	5°25	24°D27	25°18	29° 1	n.a.	S 6
M 7	20 55 54	12°26'37	6♉45	16°21	15° 8	12°45	17°49	8°59	13°35	1°51	5°27	24°R27	25°15	29° 8	n.a.	M 7
T 8	20 59 50	13°27'21	20°32	17°56	16°24	13°24	17°58	8°57	13°34	1°51	5°30	24°27	25°12	29°15	n.a.	T 8
W 9	21 3 47	14°28'08	4♊37	19°31	17°40	14° 4	18° 8	8°56	13°33	1°51	5°32	24°26	25° 9	29°21	n.a.	W 9
T 10	21 7 44	15°28'56	19° 2	21° 6	18°55	14°44	18°18	8°54	13°33	1°51	5°35	24°22	25° 5	29°28	n.a.	T 10
F 11	21 11 40	16°29'47	3♋42	22°40	20°11	15°24	18°27	8°52	13°31	1°51	5°37	24°15	25° 2	29°35	n.a.	F 11
S 12	21 15 37	17°30'39	18°34	24°15	21°27	16° 4	18°37	8°50	13°30	1°50	5°40	24° 6	24°59	29°42	n.a.	S 12
S 13	21 19 33	18°31'33	3♌28	25°48	22°43	16°44	18°47	8°47	13°29	1°50	5°42	23°56	24°56	29°48	n.a.	S 13
M14	21 23 30	19°32'28	18°16	27°22	23°58	17°24	18°58	8°45	13°28	1°50	5°44	23°45	24°53	29°55	n.a.	M14
T 15	21 27 26	20°33'25	2♍49	28°55	25°14	18° 4	19° 8	8°43	13°27	1°50	5°47	23°36	24°50	0♑ 2	n.a.	T 15
W16	21 31 23	21°34'24	17° 0	0♍28	26°30	18°44	19°18	8°40	13°26	1°49	5°49	23°28	24°46	0° 8	n.a.	W16
T 17	21 35 19	22°35'23	0♎46	2° 1	27°45	19°24	19°29	8°38	13°24	1°49	5°51	23°24	24°43	0°15	n.a.	T 17
F 18	21 39 16	23°36'24	14° 4	3°33	29° 1	20° 4	19°39	8°35	13°23	1°49	5°54	23°21	24°40	0°22	n.a.	F 18
S 19	21 43 12	24°37'26	26°57	5° 6	0♍17	20°44	19°50	8°32	13°21	1°48	5°56	23°D21	24°37	0°29	n.a.	S 19
S 20	21 47 9	25°38'29	9♏27	6°38	1°32	21°24	20° 1	8°29	13°20	1°48	5°58	23°22	24°34	0°35	n.a.	S 20
M21	21 51 6	26°39'33	21°40	8°10	2°48	22° 4	20°12	8°26	13°18	1°47	6° 1	23°R22	24°31	0°42	n.a.	M21
T 22	21 55 2	27°40'38	3♐40	9°41	4° 3	22°44	20°23	8°23	13°17	1°47	6° 3	23°22	24°27	0°49	n.a.	T 22
W23	21 58 59	28°41'45	15°32	11°13	5°19	23°24	20°34	8°20	13°15	1°46	6° 5	23°20	24°24	0°55	n.a.	W23
T 24	22 2 55	29°42'52	27°23	12°44	6°35	24° 4	20°45	8°17	13°14	1°46	6° 8	23°16	24°21	1° 2	n.a.	T 24
F 25	22 6 52	0♍44'00	9♑15	14°15	7°50	24°45	20°56	8°13	13°12	1°45	6°10	23°10	24°18	1° 9	n.a.	F 25
S 26	22 10 48	1°45'09	21°14	15°45	9° 6	25°25	21° 8	8°10	13°10	1°44	6°12	23° 2	24°15	1°16	n.a.	S 26
S 27	22 14 45	2°46'18	3♒22	17°16	10°21	26° 5	21°19	8° 6	13° 8	1°44	6°15	22°52	24°11	1°22	n.a.	S 27
M28	22 18 41	3°47'29	15°41	18°45	11°37	26°45	21°31	8° 3	13° 7	1°43	6°17	22°42	24° 8	1°29	n.a.	M28
T 29	22 22 38	4°48'41	28°11	20°15	12°52	27°25	21°43	7°59	13° 5	1°42	6°19	22°33	24° 5	1°36	n.a.	T 29
W30	22 26 35	5♍49'53	10♓54	21♍44	14♍ 8	28♋ 6	21♎54	7♈55	13♈ 3	1♉41	6♌21	22♎25	24♎ 2	1♑42	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n12	11s 7	4n34	20n 5	1n 0	20n11	1n21	25n 5	1n16	6s32	0n19	1n35	2s20	5n 7	0s28	11n13	1s19	35n32	16n39	9s55	10s 9	19s31		n.a.
W 2	18 56	7 24	4 1	19 34	0 54	19 50	1 20	25 2	1 16	6 36	0 18	1 34	2 20	5 6	0 28	11 13	1 19	35 32	16 39	9 51	10 8	19 31		n.a.
T 3	18 40	3 20	3 15	19 2	0 49	19 29	1 19	24 59	1 17	6 40	0 18	1 33	2 20	5 6	0 28	11 13	1 19	35 31	16 39	9 48	10 7	19 31		n.a.
F 4	18 24	0n57	2 19	18 29	0 43	19 7	1 19	24 56	1 17	6 43	0 18	1 33	2 20	5 6	0 28	11 13	1 19	35 30	16 39	9 46	10 6	19 30		n.a.
S 5	18 7	5 15	1 15	17 55	0 37	18 44	1 18	24 53	1 17	6 47	0 18	1 32	2 21	5 5	0 28	11 13	1 19	35 30	16 39	9 44	10 5	19 30		n.a.
S 6	17 50	9 23	0 6	17 21	0 31	18 21	1 17	24 50	1 17	6 51	0 18	1 31	2 21	5 5	0 28	11 13	1 19	35 29	16 39	9 44	10 3	19 30		n.a.
M 7	17 33	13 8	1s 5	16 46	0 24	17 57	1 16	24 46	1 17	6 55	0 18	1 31	2 21	5 5	0 28	11 13	1 19	35 28	16 39	9 44	10 2	19 29		n.a.
T 8	17 15	16 14	2 14	16 10	0 18	17 33	1 15	24 42	1 18	6 59	0 17	1 30	2 21	5 4	0 28	11 13	1 20	35 28	16 39	9 44	10 1	19 29		n.a.
W 9	16 57	18 27	3 16	15 34	0 12	17 8	1 14	24 38	1 18	7 2	0 17	1 29	2 21	5 4	0 28	11 13	1 20	35 27	16 39	9 44	10 0	19 29		n.a.
T 10	16 39	19 32	4 8	14 57	0 5	16 43	1 13	24 34	1 18	7 6	0 17	1 28	2 21	5 4	0 28	11 12	1 20	35 27	16 39	9 42	9 59	19 28		n.a.
F 11	16 20	19 20	4 44	14 20	0s 1	16 17	1 11	24 29	1 18	7 10	0 17	1 27	2 22	5 3	0 28	11 12	1 20	35 26	16 39	9 40	9 57	19 28		n.a.
S 12	16 1	17 49	5 1	13 42	0 7	15 51	1 10	24 25	1 18	7 14	0 17	1 26	2 22	5 3	0 28	11 12	1 20	35 25	16 39	9 36	9 56	19 28		n.a.
S 13	15 42	15 5	4 59	13 4	0 14	15 25	1 9	24 20	1 19	7 19	0 16	1 25	2 22	5 2	0 28	11 12	1 20	35 25	16 39	9 32	9 55	19 27		n.a.
M14	15 22	11 25	4 36	12 25	0 20	14 58	1 7	24 15	1 19	7 23	0 16	1 24	2 22	5 2	0 28	11 12	1 20	35 24	16 39	9 28	9 54	19 27		n.a.
T 15	15 2	7 6	3 56	11 46	0 27	14 30	1 6	24 10	1 19	7 27	0 16	1 23	2 22	5 1	0 28	11 12	1 20	35 24	16 40	9 25	9 53	19 26		n.a.
W16	14 42	2 30	3 1	11 6	0 33	14 2	1 4	24 4	1 19	7 31	0 16	1 22	2 22	5 1	0 28	11 12	1 20	35 23	16 40	9 22	9 51	19 26		n.a.
T 17	14 22	2s 6	1 58	10 27	0 39	13 34	1 3	23 58	1 19	7 35	0 16	1 20	2 22	5 0	0 28	11 12	1 20	35 23	16 40	9 20	9 50	19 26		n.a.
F 18	14 2	6 27	0 49	9 47	0 46	13 6	1 1	23 53	1 20	7 40	0 16	1 19	2 23	5 0	0 28	11 11	1 20	35 22	16 40	9 19	9 49	19 25		n.a.
S 19	13 41	10 22	0n19	9 6	0 52	12 37	1 0	23 47	1 20	7 44	0 15	1 18	2 23	4 59	0 28	11 11	1 20	35 22	16 40	9 19	9 48	19 25		n.a.
S 20	13 20	13 42	1 25	8 26	0 58	12 8	0 58	23 40	1 20	7 48	0 15	1 17	2 23	4 59	0 28	11 11	1 20	35 21	16 40	9 19	9 47	19 25		n.a.
M21	12 58	16 21	2 26	7 45	1 4	11 38	0 56	23 34	1 20	7 53	0 15	1 15	2 23	4 58	0 28	11 11	1 20	35 21	16 41	9 20	9 45	19 24		n.a.
T 22	12 37	18 13	3 19	7 4	1 10	11 8	0 55	23 27	1 20	7 57	0 15	1 14	2 23	4 57	0 28	11 11	1 20	35 20	16 41	9 20	9 44	19 24		n.a.
W23	12 15	19 17	4 3	6 24	1 16	10 38	0 53	23 20	1 20	8 1	0 15	1 13	2 23	4 57	0 28	11 10	1 20	35 20	16 41	9 19	9 43	19 23		n.a.
T 24	11 53	19 29	4 36	5 43	1 22	10 8	0 51	23 13	1 21	8 6	0 15	1 11	2 23	4 56	0 28	11 10	1 20	35 19	16 41	9 17	9 42	19 23		n.a.
F 25	11 31	18 50	4 58	5 2	1 27	9 37	0 49	23 6	1 21	8 10	0 14	1 10	2 23	4 55	0 28	11 10	1 20	35 19	16 41	9 15	9 41	19 23		n.a.
S 26	11 9	17 21	5 6	4 21	1 33	9 7	0 47	22 59	1 21	8 15	0 14	1 8	2 24	4 55	0 28	11 10	1 20	35 18	16 42	9 12	9 39	19 22		n.a.
S 27	10 46	15 4	5 1	3 40	1 38	8 35	0 45	22 51	1 21	8 20	0 14	1 7	2 24	4 54	0 28	11 9	1 20	35 18	16 42	9 8	9 38	19 22		n.a.
M28	10 24	12 6	4 43	2 59	1 43	8 4	0 43	22 43	1 21	8 24	0 14	1 5	2 24	4 53	0 28	11 9	1 20	35 18	16 42	9 4	9 37	19 21		n.a.
T 29	10 1	8 32	4 10	2 19	1 48	7 33	0 41	22 35	1 21	8 29	0 14	1 4	2 24	4 52	0 28	11 9	1 20	35 17	16 42	9 1	9 36	19 21		n.a.
W30	9n38	4s32	3n24	1n39	1s53	7n 1	0n39	22n27	1n21	8s33	0n14	1n 2	2s24	4n52	0s28	11n 9	1s20	35n17	16n43	8s58	9s35	19s20		n.a.

Julian Day Number = 193095.5, Delta T = 32h24m17s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'28, Lahiri = -61°26'27 Julian Calendar 1 Sept. 4185 BCE == Greg. Calendar 30 July 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

OCTOBER 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 30 31	6♍51'07	23♓50	23♍12	15♍23	28♋46	22♎ 6	7°R51	13°R 1	1°R41	6♌23	22°R20	23♎59	1♉49	n.a.	T 1
F 2	22 34 28	7°52'21	6♈56	24°40	16°39	29°26	22°18	7♈47	12♈59	1♉40	6°26	22♎16	23°56	1°56	n.a.	F 2
S 3	22 38 24	8°53'36	20°14	26° 8	17°54	0♌ 7	22°30	7°43	12°57	1°39	6°28	22°D15	23°52	2° 2	n.a.	S 3
S 4	22 42 21	9°54'53	3♉43	27°34	19°10	0°47	22°42	7°39	12°55	1°38	6°30	22°16	23°49	2° 9	n.a.	S 4
M 5	22 46 17	10°56'10	17°23	28°59	20°25	1°27	22°54	7°35	12°53	1°37	6°32	22°17	23°46	2°16	n.a.	M 5
T 6	22 50 14	11°57'29	1♊13	0♎24	21°41	2° 8	23° 7	7°31	12°51	1°36	6°34	22°18	23°43	2°23	n.a.	T 6
W 7	22 54 10	12°58'49	15°14	1°47	22°56	2°48	23°19	7°26	12°49	1°35	6°36	22°R19	23°40	2°29	n.a.	W 7
T 8	22 58 7	14° 0'09	29°26	3° 8	24°12	3°29	23°31	7°22	12°47	1°34	6°38	22°18	23°37	2°36	n.a.	T 8
F 9	23 2 4	15° 1'31	13♋45	4°28	25°27	4° 9	23°44	7°18	12°44	1°33	6°40	22°15	23°33	2°43	n.a.	F 9
S 10	23 6 0	16° 2'53	28°10	5°45	26°42	4°50	23°56	7°13	12°42	1°32	6°42	22°10	23°30	2°50	n.a.	S 10
S 11	23 9 57	17° 4'16	12♌35	7° 1	27°58	5°30	24° 9	7° 9	12°40	1°31	6°44	22° 5	23°27	2°56	n.a.	S 11
M12	23 13 53	18° 5'40	26°55	8°13	29°13	6°11	24°21	7° 4	12°38	1°30	6°46	21°59	23°24	3° 3	n.a.	M12
T 13	23 17 50	19° 7'04	11♍ 5	9°22	0♎29	6°51	24°34	7° 0	12°35	1°29	6°48	21°54	23°21	3°10	n.a.	T 13
W14	23 21 46	20° 8'29	24°59	10°27	1°44	7°32	24°47	6°55	12°33	1°28	6°50	21°50	23°17	3°16	n.a.	W14
T 15	23 25 43	21° 9'53	8♎33	11°28	2°59	8°13	25° 0	6°50	12°31	1°26	6°52	21°48	23°14	3°23	n.a.	T 15
F 16	23 29 40	22°11'19	21°47	12°24	4°15	8°53	25°13	6°45	12°28	1°25	6°54	21°D47	23°11	3°30	n.a.	F 16
S 17	23 33 36	23°12'44	4♏39	13°14	5°30	9°34	25°26	6°41	12°26	1°24	6°56	21°48	23° 8	3°37	n.a.	S 17
S 18	23 37 33	24°14'09	17°11	13°57	6°45	10°15	25°39	6°36	12°24	1°23	6°58	21°49	23° 5	3°43	n.a.	S 18
M19	23 41 29	25°15'35	29°26	14°33	8° 0	10°55	25°52	6°31	12°21	1°21	6°59	21°51	23° 2	3°50	n.a.	M19
T 20	23 45 26	26°17'00	11♐29	15° 0	9°16	11°36	26° 5	6°26	12°19	1°20	7° 1	21°53	22°58	3°57	n.a.	T 20
W21	23 49 22	27°18'25	23°24	15°18	10°31	12°17	26°18	6°21	12°16	1°19	7° 3	21°R53	22°55	4° 3	n.a.	W21
T 22	23 53 19	28°19'50	5♑15	15°R26	11°46	12°57	26°31	6°16	12°14	1°17	7° 5	21°53	22°52	4°10	n.a.	T 22
F 23	23 57 16	29°21'14	17° 9	15°23	13° 1	13°38	26°45	6°11	12°11	1°16	7° 6	21°52	22°49	4°17	n.a.	F 23
S 24	0 1 12	0♎22'39	29° 9	15° 9	14°16	14°19	26°58	6° 6	12° 9	1°15	7° 8	21°50	22°46	4°24	n.a.	S 24
S 25	0 5 9	1°24'03	11♒19	14°43	15°32	15° 0	27°12	6° 1	12° 6	1°13	7°10	21°47	22°42	4°30	n.a.	S 25
M26	0 9 5	2°25'26	23°43	14° 5	16°47	15°40	27°25	5°56	12° 4	1°12	7°11	21°44	22°39	4°37	n.a.	M26
T 27	0 13 2	3°26'49	6♓24	13°16	18° 2	16°21	27°38	5°51	12° 1	1°10	7°13	21°40	22°36	4°44	n.a.	T 27
W28	0 16 58	4°28'12	19°21	12°16	19°17	17° 2	27°52	5°46	11°58	1° 9	7°15	21°38	22°33	4°50	n.a.	W28
T 29	0 20 55	5°29'35	2♈36	11° 8	20°32	17°43	28° 6	5°41	11°56	1° 7	7°16	21°36	22°30	4°57	n.a.	T 29
F 30	0 24 52	6°30'57	16° 7	9°53	21°47	18°24	28°19	5°36	11°53	1° 6	7°18	21°D36	22°27	5° 4	n.a.	F 30
S 31	0 28 48	7♎32'19	29♈52	8♎34	23♎ 2	19♌ 5	28♎33	5♈31	11♈51	1♉ 4	7♌19	21♎36	22♎23	5♉11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9n14	0s16	2n28	0n59	1s57	6n29	0n37	22n19	1n22	8s38	0n13	1n 0	2s24	4n51	0s28	11n 8	1s20	35n16	16n43	8s56	9s33	19s20			n.a.
F 2	8 51	4n 5	1 22	0 20	2 1	5 57	0 35	22 10	1 22	8 43	0 13	0 59	2 24	4 50	0 28	11 8	1 20	35 16	16 43	8 54	9 32	19 20			n.a.
S 3	8 28	8 18	0 11	0s19	2 5	5 25	0 33	22 2	1 22	8 48	0 13	0 57	2 24	4 49	0 28	11 8	1 20	35 16	16 43	8 54	9 31	19 19			n.a.
S 4	8 4	12 8	1s 2	0 58	2 9	4 52	0 31	21 53	1 22	8 52	0 13	0 55	2 24	4 49	0 28	11 7	1 20	35 15	16 44	8 54	9 30	19 19			n.a.
M 5	7 40	15 23	2 12	1 35	2 12	4 20	0 28	21 44	1 22	8 57	0 13	0 53	2 24	4 48	0 28	11 7	1 20	35 15	16 44	8 55	9 29	19 18			n.a.
T 6	7 16	17 47	3 16	2 12	2 14	3 47	0 26	21 34	1 22	9 2	0 13	0 52	2 24	4 47	0 28	11 7	1 20	35 15	16 44	8 55	9 27	19 18			n.a.
W 7	6 52	19 9	4 9	2 48	2 16	3 15	0 24	21 25	1 22	9 7	0 13	0 50	2 24	4 46	0 28	11 6	1 20	35 15	16 45	8 55	9 26	19 17			n.a.
T 8	6 28	19 20	4 47	3 23	2 18	2 42	0 22	21 15	1 22	9 12	0 12	0 48	2 25	4 45	0 28	11 6	1 20	35 14	16 45	8 55	9 25	19 17			n.a.
F 9	6 4	18 17	5 8	3 56	2 19	2 9	0 19	21 6	1 23	9 16	0 12	0 46	2 25	4 44	0 28	11 5	1 20	35 14	16 45	8 54	9 24	19 17			n.a.
S 10	5 39	16 4	5 9	4 28	2 20	1 36	0 17	20 56	1 23	9 21	0 12	0 44	2 25	4 43	0 28	11 5	1 20	35 14	16 46	8 52	9 23	19 16			n.a.
S 11	5 15	12 51	4 52	4 59	2 19	1 3	0 15	20 46	1 23	9 26	0 12	0 43	2 25	4 42	0 28	11 5	1 20	35 13	16 46	8 50	9 21	19 16			n.a.
M12	4 50	8 54	4 16	5 27	2 18	0 30	0 12	20 35	1 23	9 31	0 12	0 41	2 25	4 42	0 28	11 4	1 20	35 13	16 46	8 48	9 20	19 15			n.a.
T 13	4 25	4 29	3 24	5 54	2 17	0s 2	0 10	20 25	1 23	9 36	0 12	0 39	2 25	4 41	0 28	11 4	1 21	35 13	16 47	8 46	9 19	19 15			n.a.
W14	4 1	0s 6	2 21	6 18	2 14	0 35	0 8	20 14	1 23	9 41	0 12	0 37	2 25	4 40	0 28	11 3	1 21	35 13	16 47	8 44	9 18	19 14			n.a.
T 15	3 36	4 35	1 12	6 39	2 10	1 8	0 5	20 4	1 23	9 46	0 11	0 35	2 25	4 39	0 28	11 3	1 21	35 13	16 47	8 43	9 17	19 14			n.a.
F 16	3 11	8 43	0 0	6 57	2 6	1 41	0 3	19 53	1 23	9 51	0 11	0 33	2 25	4 38	0 28	11 2	1 21	35 12	16 48	8 43	9 15	19 13			n.a.
S 17	2 46	12 20	1n10	7 12	2 0	2 14	0 1	19 42	1 23	9 56	0 11	0 31	2 25	4 37	0 28	11 2	1 21	35 12	16 48	8 43	9 14	19 13			n.a.
S 18	2 21	15 17	2 15	7 22	1 53	2 47	0s 2	19 30	1 23	10 1	0 11	0 29	2 25	4 36	0 28	11 2	1 21	35 12	16 49	8 44	9 13	19 12			n.a.
M19	1 56	17 28	3 12	7 29	1 44	3 20	0 4	19 19	1 23	10 6	0 11	0 27	2 25	4 35	0 28	11 1	1 21	35 12	16 49	8 45	9 12	19 12			n.a.
T 20	1 31	18 50	4 0	7 31	1 34	3 52	0 7	19 7	1 23	10 11	0 11	0 25	2 25	4 34	0 28	11 1	1 21	35 12	16 49	8 45	9 11	19 11			n.a.
W21	1 6	19 20	4 37	7 28	1 23	4 25	0 9	18 56	1 24	10 16	0 11	0 23	2 25	4 33	0 28	11 0	1 21	35 12	16 50	8 46	9 9	19 11			n.a.
T 22	0 41	18 59	5 2	7 19	1 10	4 57	0 12	18 44	1 24	10 21	0 10	0 21	2 25	4 32	0 28	11 0	1 21	35 12	16 50	8 46	9 8	19 10			n.a.
F 23	0 16	17 47	5 14	7 5	0 56	5 30	0 14	18 32	1 24	10 26	0 10	0 19	2 25	4 31	0 28	10 59	1 21	35 12	16 51	8 45	9 7	19 10			n.a.
S 24	0s 9	15 49	5 12	6 45	0 40	6 2	0 16	18 20	1 24	10 31	0 10	0 17	2 25	4 30	0 28	10 59	1 21	35 12	16 51	8 44	9 6	19 9			n.a.
S 25	0 34	13 7	4 57	6 18	0 23	6 34	0 19	18 7	1 24	10 36	0 10	0 15	2 25	4 29	0 28	10 58	1 21	35 12	16 52	8 43	9 4	19 9			n.a.
M26	0 59	9 47	4 27	5 46	0 4	7 6	0 21	17 55	1 24	10 41	0 10	0 13	2 25	4 28	0 28	10 58	1 21	35 11	16 52	8 42	9 3	19 8			n.a.
T 27	1 24	5 57	3 44	5 9	0n15	7 38	0 24	17 42	1 24	10 47	0 10	0 11	2 25	4 27	0 28	10 57	1 21	35 11	16 53	8 41	9 2	19 8			n.a.
W28	1 49	1 45	2 49	4 27	0 35	8 9	0 26	17 30	1 24	10 52	0 10	0 9	2 24	4 26	0 28	10 57	1 21	35 11	16 53	8 40	9 1	19 7			n.a.
T 29	2 14	2n38	1 43	3 41	0 55	8 41	0 28	17 17	1 24	10 57	0 9	0 7	2 24	4 25	0 28	10 56	1 21	35 11	16 53	8 39	9 0	19 7			n.a.
F 30	2 39	6 59	0 30	2 52	1 16	9 12	0 31	17 4	1 24	11 2	0 9	0 5	2 24	4 24	0 28	10 55	1 21	35 11	16 54	8 39	8 58	19 6			n.a.
S 31	3s 4	11n 2	0s46	2s 3	1n35	9s43	0s33	16n51	1n24	11s 7	0n 9	0n 3	2s24	4n23	0s28	10n55	1s21	35n11	16n54	8s39	8s57	19s 6			n.a.

Julian Day Number = 193125.5, Delta T = 32h24m14s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'24, Lahiri = -61°26'23 Julian Calendar 1 Oct. 4185 BCE == Greg. Calendar 29 Aug. 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

NOVEMBER 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 32 45	8♎33'41	13♉49	7°R13	24♎17	19♌46	28♎47	5°R26	11°R48	1°R 3	7♌20	21♎36	22♎20	5♑17	n.a.	S 1
M 2	0 36 41	9°35'02	27°53	5♎53	25°32	20°27	29° 0	5♈21	11♈46	1♉ 1	7°22	21°37	22°17	5°24	n.a.	M 2
T 3	0 40 38	10°36'23	12♊ 3	4°37	26°47	21° 8	29°14	5°16	11°43	1° 0	7°23	21°38	22°14	5°31	n.a.	T 3
W 4	0 44 34	11°37'44	26°15	3°26	28° 2	21°49	29°28	5°11	11°40	0°58	7°25	21°39	22°11	5°37	n.a.	W 4
T 5	0 48 31	12°39'05	10♋27	2°23	29°17	22°30	29°42	5° 6	11°38	0°57	7°26	21°R39	22° 8	5°44	n.a.	T 5
F 6	0 52 28	13°40'26	24°37	1°28	0♏32	23°11	29°55	5° 1	11°35	0°55	7°27	21°39	22° 4	5°51	n.a.	F 6
S 7	0 56 24	14°41'46	8♌42	0°42	1°47	23°52	0♏ 9	4°56	11°33	0°53	7°29	21°39	22° 1	5°58	n.a.	S 7
S 8	1 0 21	15°43'06	22°41	0° 7	3° 2	24°33	0°23	4°51	11°30	0°52	7°30	21°38	21°58	6° 4	n.a.	S 8
M 9	1 4 17	16°44'25	6♍31	29♍41	4°17	25°14	0°37	4°47	11°27	0°50	7°31	21°37	21°55	6°11	n.a.	M 9
T 10	1 8 14	17°45'44	20°11	29°25	5°32	25°55	0°51	4°42	11°25	0°48	7°32	21°37	21°52	6°18	n.a.	T 10
W11	1 12 11	18°47'02	3♎38	29°D19	6°46	26°36	1° 5	4°37	11°22	0°47	7°33	21°37	21°48	6°24	n.a.	W11
T 12	1 16 7	19°48'19	16°51	29°21	8° 1	27°17	1°19	4°32	11°20	0°45	7°34	21°D36	21°45	6°31	n.a.	T 12
F 13	1 20 4	20°49'36	29°48	29°31	9°16	27°58	1°33	4°27	11°17	0°43	7°35	21°36	21°42	6°38	n.a.	F 13
S 14	1 24 0	21°50'51	12♏31	29°48	10°31	28°39	1°47	4°23	11°15	0°42	7°36	21°R36	21°39	6°45	n.a.	S 14
S 15	1 27 57	22°52'06	24°58	0♎12	11°46	29°20	2° 1	4°18	11°12	0°40	7°37	21°36	21°36	6°51	n.a.	S 15
M16	1 31 53	23°53'19	7♐12	0°43	13° 0	0♍ 2	2°15	4°14	11°10	0°38	7°38	21°36	21°33	6°58	n.a.	M16
T 17	1 35 50	24°54'31	19°15	1°19	14°15	0°43	2°30	4° 9	11° 7	0°37	7°39	21°36	21°29	7° 5	n.a.	T 17
W18	1 39 47	25°55'42	1♑10	2° 0	15°30	1°24	2°44	4° 5	11° 4	0°35	7°40	21°35	21°26	7°11	n.a.	W18
T 19	1 43 43	26°56'51	13° 2	2°46	16°44	2° 5	2°58	4° 0	11° 2	0°33	7°41	21°35	21°23	7°18	n.a.	T 19
F 20	1 47 40	27°57'59	24°55	3°35	17°59	2°46	3°12	3°56	11° 0	0°32	7°42	21°D35	21°20	7°25	n.a.	F 20
S 21	1 51 36	28°59'06	6♒54	4°29	19°14	3°28	3°26	3°51	10°57	0°30	7°43	21°35	21°17	7°32	n.a.	S 21
S 22	1 55 33	0♏ 0'11	19° 3	5°26	20°28	4° 9	3°40	3°47	10°55	0°28	7°43	21°35	21°13	7°38	n.a.	S 22
M23	1 59 29	1° 1'15	1♓26	6°26	21°43	4°50	3°54	3°43	10°52	0°27	7°44	21°36	21°10	7°45	n.a.	M23
T 24	2 3 26	2° 2'17	14° 8	7°28	22°57	5°31	4° 8	3°39	10°50	0°25	7°45	21°37	21° 7	7°52	n.a.	T 24
W25	2 7 23	3° 3'17	27°12	8°33	24°12	6°13	4°23	3°35	10°48	0°23	7°45	21°38	21° 4	7°59	n.a.	W25
T 26	2 11 19	4° 4'16	10♈38	9°41	25°26	6°54	4°37	3°31	10°45	0°21	7°46	21°39	21° 1	8° 5	n.a.	T 26
F 27	2 15 16	5° 5'13	24°27	10°50	26°41	7°35	4°51	3°27	10°43	0°20	7°47	21°R39	20°58	8°12	n.a.	F 27
S 28	2 19 12	6° 6'09	8♉36	12° 2	27°55	8°17	5° 5	3°23	10°41	0°18	7°47	21°38	20°54	8°19	n.a.	S 28
S 29	2 23 9	7° 7'04	23° 1	13°15	29°10	8°58	5°19	3°20	10°38	0°16	7°48	21°37	20°51	8°25	n.a.	S 29
M30	2 27 5	8♏ 7'57	7♊37	14♎30	0♐24	9♍39	5♏33	3♈16	10♈36	0♉15	7♌48	21♎35	20♎48	8♑32	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s29	14n31	2s 0	1s13	1n53	10s13	0s35	16n37	1n24	11s12	0n 9	0n 1	2s24	4n22	0s28	10n54	1s21	35n12	16n55	8s39	8s56	19s 5		n.a.
M 2	3 54	17 12	3 8	0 26	2 10	10 44	0 38	16 24	1 24	11 17	0 9	0s 1	2 24	4 21	0 28	10 54	1 21	35 12	16 55	8 39	8 55	19 5		n.a.
T 3	4 19	18 50	4 5	0n19	2 25	11 14	0 40	16 10	1 24	11 22	0 9	0 2	2 24	4 20	0 28	10 53	1 21	35 12	16 56	8 40	8 54	19 4		n.a.
W 4	4 43	19 17	4 47	0 59	2 37	11 44	0 42	15 57	1 24	11 28	0 9	0 4	2 24	4 19	0 28	10 53	1 21	35 12	16 56	8 40	8 52	19 4		n.a.
T 5	5 8	18 31	5 11	1 35	2 48	12 13	0 44	15 43	1 24	11 33	0 8	0 6	2 24	4 18	0 28	10 52	1 21	35 12	16 57	8 40	8 51	19 3		n.a.
F 6	5 33	16 37	5 17	2 5	2 56	12 42	0 47	15 29	1 24	11 38	0 8	0 8	2 24	4 17	0 28	10 52	1 21	35 12	16 57	8 40	8 50	19 3		n.a.
S 7	5 57	13 43	5 3	2 29	3 2	13 11	0 49	15 15	1 24	11 43	0 8	0 10	2 24	4 16	0 28	10 51	1 21	35 12	16 58	8 40	8 49	19 2		n.a.
S 8	6 21	10 4	4 32	2 47	3 7	13 40	0 51	15 1	1 24	11 48	0 8	0 12	2 23	4 15	0 28	10 50	1 21	35 12	16 58	8 40	8 47	19 2		n.a.
M 9	6 45	5 54	3 45	3 0	3 9	14 8	0 53	14 47	1 24	11 53	0 8	0 14	2 23	4 14	0 28	10 50	1 21	35 12	16 59	8 40	8 46	19 1		n.a.
T 10	7 10	1 28	2 46	3 7	3 10	14 36	0 55	14 32	1 23	11 58	0 8	0 16	2 23	4 12	0 28	10 49	1 21	35 13	16 59	8 39	8 45	19 0		n.a.
W11	7 34	2s59	1 38	3 10	3 9	15 3	0 57	14 18	1 23	12 3	0 8	0 18	2 23	4 11	0 28	10 49	1 21	35 13	17 0	8 39	8 44	19 0		n.a.
T 12	7 57	7 12	0 26	3 7	3 7	15 30	0 59	14 3	1 23	12 9	0 8	0 19	2 23	4 10	0 28	10 48	1 21	35 13	17 1	8 39	8 43	18 59		n.a.
F 13	8 21	11 1	0n45	3 0	3 4	15 57	1 1	13 49	1 23	12 14	0 7	0 21	2 23	4 9	0 28	10 47	1 21	35 13	17 1	8 39	8 41	18 59		n.a.
S 14	8 45	14 14	1 54	2 49	3 0	16 23	1 3	13 34	1 23	12 19	0 7	0 23	2 23	4 8	0 28	10 47	1 21	35 13	17 2	8 39	8 40	18 58		n.a.
S 15	9 8	16 43	2 55	2 35	2 55	16 49	1 5	13 19	1 23	12 24	0 7	0 25	2 22	4 7	0 28	10 46	1 21	35 14	17 2	8 39	8 39	18 58		n.a.
M16	9 31	18 24	3 47	2 18	2 50	17 14	1 7	13 4	1 23	12 29	0 7	0 26	2 22	4 6	0 28	10 46	1 21	35 14	17 3	8 39	8 38	18 57		n.a.
T 17	9 54	19 12	4 28	1 57	2 44	17 39	1 9	12 49	1 23	12 34	0 7	0 28	2 22	4 5	0 28	10 45	1 21	35 14	17 3	8 39	8 36	18 56		n.a.
W18	10 17	19 9	4 58	1 35	2 37	18 4	1 11	12 34	1 23	12 39	0 7	0 30	2 22	4 4	0 28	10 44	1 21	35 14	17 4	8 39	8 35	18 56		n.a.
T 19	10 40	18 15	5 14	1 10	2 30	18 28	1 12	12 18	1 23	12 44	0 7	0 31	2 22	4 3	0 28	10 44	1 21	35 15	17 4	8 39	8 34	18 55		n.a.
F 20	11 3	16 33	5 17	0 43	2 23	18 51	1 14	12 3	1 23	12 49	0 7	0 33	2 21	4 2	0 28	10 43	1 21	35 15	17 5	8 38	8 33	18 55		n.a.
S 21	11 25	14 8	5 6	0 14	2 16	19 14	1 16	11 48	1 22	12 54	0 6	0 34	2 21	4 2	0 28	10 43	1 21	35 15	17 6	8 39	8 32	18 54		n.a.
S 22	11 47	11 5	4 42	0s16	2 8	19 36	1 17	11 32	1 22	13 0	0 6	0 36	2 21	4 1	0 28	10 42	1 21	35 15	17 6	8 39	8 30	18 54		n.a.
M23	12 9	7 29	4 4	0 48	2 0	19 58	1 19	11 16	1 22	13 5	0 6	0 38	2 21	4 0	0 28	10 41	1 21	35 16	17 7	8 39	8 29	18 53		n.a.
T 24	12 31	3 27	3 13	1 21	1 52	20 19	1 20	11 1	1 22	13 10	0 6	0 39	2 21	3 59	0 28	10 41	1 21	35 16	17 7	8 39	8 28	18 52		n.a.
W25	12 52	0n51	2 11	1 54	1 44	20 40	1 22	10 45	1 22	13 15	0 6	0 40	2 20	3 58	0 28	10 40	1 21	35 17	17 8	8 40	8 27	18 52		n.a.
T 26	13 14	5 15	1 1	2 29	1 35	21 0	1 23	10 29	1 22	13 20	0 6	0 42	2 20	3 57	0 28	10 40	1 21	35 17	17 8	8 40	8 25	18 51		n.a.
F 27	13 35	9 30	0s16	3 5	1 27	21 20	1 25	10 13	1 21	13 25	0 6	0 43	2 20	3 56	0 28	10 39	1 21	35 17	17 9	8 40	8 24	18 51		n.a.
S 28	13 56	13 19	1 33	3 41	1 19	21 39	1 26	9 57	1 21	13 30	0 6	0 45	2 20	3 55	0 28	10 39	1 21	35 18	17 9	8 40	8 23	18 50		n.a.
S 29	14 16	16 24	2 45	4 18	1 11	21 57	1 27	9 41	1 21	13 35	0 5	0 46	2 20	3 54	0 28	10 38	1 21	35 18	17 10	8 39	8 22	18 49		n.a.
M30	14s37	18n27	3s48	4s55	1n 2	22s15	1s28	9n24	1n21	13s40	0n 5	0s47	2s19	3n53	0s28	10n37	1s21	35n18	17n11	8s39	8s21	18s49		n.a.

Julian Day Number = 193156.5, Delta T = 32h24m11s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'20, Lahiri = -61°26'19 Julian Calendar 1 Nov. 4185 BCE == Greg. Calendar 29 Sept. 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4185 BCE
geocentric

DECEMBER 4185 BCE (-4184) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 31 2	9♏ 8'48	22♊15	15♎46	1♐38	10♍21	5♏48	3°R12	10°R34	0°R13	7♌49	21°R33	20♎45	8♑39	n.a.	T 1
W 2	2 34 59	10° 9'39	6♋51	17° 4	2°53	11° 2	6° 2	3♈ 9	10♈32	0♉11	7°49	21♎31	20°42	8°46	n.a.	W 2
T 3	2 38 55	11°10'28	21°18	18°23	4° 7	11°44	6°16	3° 5	10°30	0°10	7°49	21°29	20°39	8°52	n.a.	T 3
F 4	2 42 52	12°11'16	5♌33	19°44	5°21	12°25	6°30	3° 2	10°28	0° 8	7°50	21°28	20°35	8°59	n.a.	F 4
S 5	2 46 48	13°12'02	19°34	21° 5	6°36	13° 7	6°44	2°59	10°25	0° 6	7°50	21°D28	20°32	9° 6	n.a.	S 5
S 6	2 50 45	14°12'47	3♍18	22°28	7°50	13°48	6°58	2°56	10°23	0° 5	7°50	21°29	20°29	9°12	n.a.	S 6
M 7	2 54 41	15°13'30	16°48	23°52	9° 4	14°29	7°12	2°53	10°21	0° 3	7°50	21°30	20°26	9°19	n.a.	M 7
T 8	2 58 38	16°14'12	0♎ 3	25°17	10°18	15°11	7°27	2°50	10°19	0° 1	7°51	21°32	20°23	9°26	n.a.	T 8
W 9	3 2 35	17°14'53	13° 4	26°43	11°32	15°52	7°41	2°47	10°17	29♈59	7°51	21°33	20°19	9°33	n.a.	W 9
T 10	3 6 31	18°15'32	25°53	28°10	12°46	16°34	7°55	2°44	10°16	29°58	7°51	21°R33	20°16	9°39	n.a.	T 10
F 11	3 10 28	19°16'09	8♏30	29°38	14° 0	17°15	8° 9	2°41	10°14	29°57	7°51	21°32	20°13	9°46	n.a.	F 11
S 12	3 14 24	20°16'44	20°57	1♏ 6	15°15	17°57	8°23	2°39	10°12	29°55	7°R51	21°29	20°10	9°53	n.a.	S 12
S 13	3 18 21	21°17'18	3♐13	2°36	16°29	18°38	8°37	2°36	10°10	29°54	7°51	21°25	20° 7	10° 0	n.a.	S 13
M14	3 22 17	22°17'50	15°21	4° 7	17°42	19°20	8°51	2°34	10° 8	29°52	7°51	21°20	20° 4	10° 6	n.a.	M14
T 15	3 26 14	23°18'19	27°21	5°39	18°56	20° 1	9° 5	2°32	10° 7	29°50	7°51	21°14	20° 0	10°13	n.a.	T 15
W16	3 30 11	24°18'47	9♑15	7°11	20°10	20°43	9°19	2°30	10° 5	29°49	7°51	21° 8	19°57	10°20	n.a.	W16
T 17	3 34 7	25°19'12	21° 7	8°45	21°24	21°25	9°33	2°28	10° 3	29°47	7°50	21° 2	19°54	10°26	n.a.	T 17
F 18	3 38 4	26°19'35	2♒58	10°19	22°38	22° 6	9°46	2°26	10° 2	29°46	7°50	20°58	19°51	10°33	n.a.	F 18
S 19	3 42 0	27°19'56	14°55	11°54	23°52	22°48	10° 0	2°24	10° 0	29°44	7°50	20°56	19°48	10°40	n.a.	S 19
S 20	3 45 57	28°20'15	27° 0	13°31	25° 6	23°29	10°14	2°22	9°59	29°43	7°50	20°D55	19°44	10°47	n.a.	S 20
M21	3 49 53	29°20'31	9♓19	15° 8	26°19	24°11	10°28	2°21	9°57	29°42	7°49	20°55	19°41	10°53	n.a.	M21
T 22	3 53 50	0♐20'45	21°57	16°46	27°33	24°52	10°42	2°19	9°56	29°40	7°49	20°57	19°38	11° 0	n.a.	T 22
W23	3 57 46	1°20'56	4♈57	18°25	28°46	25°34	10°55	2°18	9°55	29°39	7°49	20°58	19°35	11° 7	n.a.	W23
T 24	4 1 43	2°21'05	18°24	20° 5	0♑ 0	26°15	11° 9	2°16	9°53	29°37	7°48	20°R59	19°32	11°14	n.a.	T 24
F 25	4 5 40	3°21'12	2♉18	21°46	1°14	26°57	11°23	2°15	9°52	29°36	7°48	20°58	19°29	11°20	n.a.	F 25
S 26	4 9 36	4°21'17	16°38	23°29	2°27	27°39	11°36	2°14	9°51	29°35	7°48	20°56	19°25	11°27	n.a.	S 26
S 27	4 13 33	5°21'19	1♊21	25°12	3°40	28°20	11°50	2°13	9°50	29°33	7°47	20°51	19°22	11°34	n.a.	S 27
M28	4 17 29	6°21'19	16°21	26°56	4°54	29° 2	12° 4	2°12	9°48	29°32	7°46	20°45	19°19	11°40	n.a.	M28
T 29	4 21 26	7°21'18	1♋26	28°41	6° 7	29°43	12°17	2°12	9°47	29°31	7°46	20°38	19°16	11°47	n.a.	T 29
W30	4 25 22	8°21'14	16°29	0♐28	7°20	0♎25	12°31	2°11	9°46	29°30	7°45	20°31	19°13	11°54	n.a.	W30
T 31	4 29 19	9♐21'08	1♌19	2♐15	8♑34	1♎ 7	12♏44	2♈11	9♈45	29♈28	7♌45	20♎25	19♎10	12♑ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14s57	19n18	4s35	5s33	0n54	22s32	1s29	9n 8	1n21	13s45	0n 5	0s48	2s19	3n52	0s28	10n37	1s21	35n19	17n11	8s38	8s19	18s48			n.a.
W 2	15 17	18 51	5 5	6 11	0 46	22 48	1 30	8 52	1 20	13 50	0 5	0 50	2 19	3 52	0 28	10 36	1 21	35 19	17 12	8 37	8 18	18 47			n.a.
T 3	15 36	17 11	5 16	6 49	0 38	23 4	1 31	8 35	1 20	13 54	0 5	0 51	2 19	3 51	0 28	10 36	1 21	35 20	17 12	8 36	8 17	18 47			n.a.
F 4	15 55	14 28	5 6	7 28	0 30	23 19	1 32	8 19	1 20	13 59	0 5	0 52	2 18	3 50	0 28	10 35	1 21	35 20	17 13	8 36	8 16	18 46			n.a.
S 5	16 14	10 58	4 39	8 7	0 22	23 33	1 33	8 2	1 20	14 4	0 5	0 53	2 18	3 49	0 28	10 34	1 20	35 21	17 14	8 36	8 14	18 46			n.a.
S 6	16 33	6 56	3 55	8 46	0 14	23 46	1 34	7 46	1 19	14 9	0 5	0 54	2 18	3 48	0 28	10 34	1 20	35 21	17 14	8 36	8 13	18 45			n.a.
M 7	16 51	2 36	3 0	9 25	0 6	23 59	1 35	7 29	1 19	14 14	0 4	0 55	2 18	3 47	0 28	10 33	1 20	35 22	17 15	8 37	8 12	18 44			n.a.
T 8	17 10	1s47	1 56	10 4	0s 1	24 11	1 35	7 12	1 19	14 19	0 4	0 56	2 17	3 47	0 28	10 33	1 20	35 22	17 15	8 37	8 11	18 44			n.a.
W 9	17 27	6 1	0 47	10 43	0 8	24 23	1 36	6 55	1 19	14 24	0 4	0 57	2 17	3 46	0 28	10 32	1 20	35 23	17 16	8 38	8 9	18 43			n.a.
T 10	17 45	9 54	0n24	11 22	0 16	24 34	1 36	6 39	1 18	14 28	0 4	0 58	2 17	3 45	0 28	10 32	1 20	35 23	17 16	8 38	8 8	18 42			n.a.
F 11	18 2	13 17	1 32	12 0	0 23	24 44	1 37	6 22	1 18	14 33	0 4	0 59	2 17	3 44	0 27	10 31	1 20	35 24	17 17	8 37	8 7	18 42			n.a.
S 12	18 19	16 1	2 34	12 39	0 30	24 53	1 37	6 5	1 18	14 38	0 4	1 0	2 16	3 44	0 27	10 31	1 20	35 24	17 18	8 36	8 6	18 41			n.a.
S 13	18 35	17 59	3 29	13 17	0 36	25 1	1 37	5 48	1 17	14 43	0 4	1 0	2 16	3 43	0 27	10 30	1 20	35 25	17 18	8 35	8 5	18 40			n.a.
M14	18 51	19 6	4 13	13 55	0 43	25 9	1 38	5 31	1 17	14 47	0 4	1 1	2 16	3 42	0 27	10 29	1 20	35 25	17 19	8 33	8 3	18 40			n.a.
T 15	19 7	19 20	4 45	14 33	0 49	25 16	1 38	5 14	1 17	14 52	0 3	1 2	2 15	3 42	0 27	10 29	1 20	35 26	17 19	8 30	8 2	18 39			n.a.
W16	19 23	18 43	5 5	15 10	0 55	25 22	1 38	4 57	1 16	14 57	0 3	1 2	2 15	3 41	0 27	10 28	1 20	35 26	17 20	8 28	8 1	18 38			n.a.
T 17	19 38	17 17	5 12	15 47	1 1	25 27	1 38	4 39	1 16	15 2	0 3	1 3	2 15	3 40	0 27	10 28	1 20	35 27	17 20	8 26	8 0	18 38			n.a.
F 18	19 52	15 6	5 5	16 23	1 7	25 32	1 38	4 22	1 16	15 6	0 3	1 3	2 15	3 40	0 27	10 27	1 20	35 28	17 21	8 24	7 58	18 37			n.a.
S 19	20 7	12 17	4 45	16 59	1 12	25 36	1 38	4 5	1 15	15 11	0 3	1 4	2 14	3 39	0 27	10 27	1 20	35 28	17 21	8 23	7 57	18 36			n.a.
S 20	20 21	8 55	4 12	17 34	1 18	25 39	1 38	3 48	1 15	15 15	0 3	1 4	2 14	3 39	0 27	10 26	1 20	35 29	17 22	8 23	7 56	18 36			n.a.
M21	20 34	5 6	3 27	18 8	1 22	25 41	1 37	3 31	1 14	15 20	0 3	1 5	2 14	3 38	0 27	10 26	1 20	35 29	17 23	8 23	7 55	18 35			n.a.
T 22	20 48	0 59	2 31	18 42	1 27	25 42	1 37	3 13	1 14	15 24	0 3	1 5	2 13	3 38	0 27	10 25	1 20	35 30	17 23	8 24	7 53	18 34			n.a.
W23	21 0	3n20	1 26	19 15	1 31	25 43	1 37	2 56	1 14	15 29	0 2	1 5	2 13	3 37	0 27	10 25	1 20	35 31	17 24	8 24	7 52	18 34			n.a.
T 24	21 13	7 37	0 14	19 47	1 35	25 43	1 36	2 39	1 13	15 34	0 2	1 6	2 13	3 37	0 27	10 25	1 20	35 31	17 24	8 25	7 51	18 33			n.a.
F 25	21 25	11 39	1s 1	20 19	1 39	25 42	1 35	2 21	1 13	15 38	0 2	1 6	2 13	3 36	0 27	10 24	1 20	35 32	17 25	8 25	7 50	18 32			n.a.
S 26	21 36	15 8	2 14	20 49	1 42	25 40	1 35	2 4	1 12	15 42	0 2	1 6	2 12	3 36	0 27	10 24	1 20	35 33	17 25	8 24	7 49	18 32			n.a.
S 27	21 48	17 44	3 21	21 18	1 45	25 38	1 34	1 46	1 12	15 47	0 2	1 6	2 12	3 35	0 27	10 23	1 20	35 33	17 26	8 22	7 47	18 31			n.a.
M28	21 58	19 10	4 15	21 46	1 48	25 34	1 33	1 29	1 11	15 51	0 2	1 6	2 12	3 35	0 27	10 23	1 20	35 34	17 26	8 19	7 46	18 30			n.a.
T 29	22 9	19 15	4 51	22 13	1 50	25 30	1 32	1 11	1 11	15 56	0 2	1 6	2 11	3 34	0 27	10 22	1 20	35 35	17 27	8 17	7 45	18 30			n.a.
W30	22 19	17 59	5 7	22 39	1 52	25 25	1 31	0 54	1 10	16 0	0 2	1 6	2 11	3 34	0 27	10 22	1 20	35 35	17 27	8 14	7 44	18 29			n.a.
T 31	22s28	15n31	5s 2	23s 3	1s53	25s20	1s30	0n37	1n10	16s 4	0n 1	1s 6	2s11	3n34	0s27	10n21	1s20	35n36	17n28	8s11	7s42	18s28			n.a.

Julian Day Number = 193186.5, Delta T = 32h24m07s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'15, Lahiri = -61°26'15 Julian Calendar 1 Dec. 4185 BCE == Greg. Calendar 29 Oct. 4185 BCE

The year -4184 astronomical counting style corresponds to year 4185 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

JANUARY 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 33 15	10♐21'00	15♌50	4♐ 4	9♑47	1♎48	12♏57	2°R10	9°R44	29°R27	7°R44	20°R20	19♎ 6	12♑ 7	n.a.	F 1
S 2	4 37 12	11°20'50	29°58	5°53	11° 0	2°30	13°11	2♈10	9♈44	29♈26	7♌43	20♎17	19° 3	12°14	n.a.	S 2
S 3	4 41 9	12°20'38	13♍43	7°44	12°13	3°11	13°24	2°10	9°43	29°25	7°43	20°D17	19° 0	12°21	n.a.	S 3
M 4	4 45 5	13°20'24	27° 5	9°36	13°26	3°53	13°37	2°D10	9°42	29°24	7°42	20°17	18°57	12°27	n.a.	M 4
T 5	4 49 2	14°20'09	10♎ 7	11°29	14°39	4°35	13°50	2°10	9°41	29°22	7°41	20°19	18°54	12°34	n.a.	T 5
W 6	4 52 58	15°19'51	22°52	13°23	15°52	5°16	14° 4	2°10	9°41	29°21	7°40	20°R19	18°50	12°41	n.a.	W 6
T 7	4 56 55	16°19'31	5♏23	15°18	17° 5	5°58	14°17	2°10	9°40	29°20	7°39	20°18	18°47	12°48	n.a.	T 7
F 8	5 0 51	17°19'09	17°43	17°14	18°18	6°39	14°30	2°11	9°39	29°19	7°39	20°14	18°44	12°54	n.a.	F 8
S 9	5 4 48	18°18'45	29°55	19°10	19°30	7°21	14°43	2°11	9°39	29°18	7°38	20° 8	18°41	13° 1	n.a.	S 9
S 10	5 8 44	19°18'19	12♐ 0	21° 8	20°43	8° 3	14°56	2°12	9°38	29°17	7°37	19°59	18°38	13° 8	n.a.	S 10
M11	5 12 41	20°17'51	23°59	23° 7	21°56	8°44	15° 8	2°13	9°38	29°16	7°36	19°48	18°35	13°15	n.a.	M11
T 12	5 16 37	21°17'20	5♑55	25° 6	23° 8	9°26	15°21	2°14	9°38	29°15	7°35	19°36	18°31	13°21	n.a.	T 12
W13	5 20 34	22°16'47	17°47	27° 5	24°21	10° 7	15°34	2°14	9°37	29°15	7°34	19°24	18°28	13°28	n.a.	W13
T 14	5 24 30	23°16'11	29°39	29° 5	25°33	10°49	15°47	2°16	9°37	29°14	7°33	19°13	18°25	13°35	n.a.	T 14
F 15	5 28 27	24°15'34	11♒31	1♑ 5	26°46	11°30	15°59	2°17	9°37	29°13	7°32	19° 3	18°22	13°41	n.a.	F 15
S 16	5 32 24	25°14'53	23°28	3° 5	27°58	12°12	16°12	2°18	9°37	29°12	7°30	18°56	18°19	13°48	n.a.	S 16
S 17	5 36 20	26°14'10	5♓32	5° 4	29°10	12°53	16°24	2°20	9°37	29°11	7°29	18°51	18°16	13°55	n.a.	S 17
M18	5 40 17	27°13'24	17°48	7° 3	0♒22	13°35	16°37	2°21	9°D37	29°11	7°28	18°49	18°12	14° 2	n.a.	M18
T 19	5 44 13	28°12'36	0♈20	9° 1	1°34	14°16	16°49	2°23	9°37	29°10	7°27	18°D49	18° 9	14° 8	n.a.	T 19
W20	5 48 10	29°11'45	13°14	10°57	2°46	14°58	17° 1	2°24	9°37	29° 9	7°26	18°R49	18° 6	14°15	n.a.	W20
T 21	5 52 6	0♑10'52	26°34	12°52	3°58	15°39	17°13	2°26	9°37	29° 8	7°25	18°49	18° 3	14°22	n.a.	T 21
F 22	5 56 3	1° 9'56	10♉22	14°44	5°10	16°21	17°26	2°28	9°37	29° 8	7°23	18°47	18° 0	14°29	n.a.	F 22
S 23	5 59 59	2° 8'58	24°40	16°34	6°22	17° 2	17°38	2°30	9°37	29° 7	7°22	18°43	17°56	14°35	n.a.	S 23
S 24	6 3 56	3° 7'57	9♊25	18°21	7°34	17°44	17°50	2°33	9°38	29° 7	7°21	18°37	17°53	14°42	n.a.	S 24
M25	6 7 52	4° 6'54	24°32	20° 4	8°45	18°25	18° 1	2°35	9°38	29° 6	7°19	18°28	17°50	14°49	n.a.	M25
T 26	6 11 49	5° 5'48	9♋50	21°43	9°57	19° 7	18°13	2°37	9°38	29° 6	7°18	18°17	17°47	14°55	n.a.	T 26
W27	6 15 45	6° 4'41	25°10	23°19	11° 8	19°48	18°25	2°40	9°39	29° 5	7°17	18° 7	17°44	15° 2	n.a.	W27
T 28	6 19 42	7° 3'31	10♌18	24°49	12°20	20°29	18°37	2°42	9°39	29° 5	7°15	17°57	17°41	15° 9	n.a.	T 28
F 29	6 23 39	8° 2'19	25° 6	26°15	13°31	21°11	18°48	2°45	9°40	29° 4	7°14	17°49	17°37	15°16	n.a.	F 29
S 30	6 27 35	9° 1'04	9♍28	27°36	14°42	21°52	19° 0	2°48	9°40	29° 4	7°13	17°44	17°34	15°22	n.a.	S 30
S 31	6 31 32	9♑59'48	23♍22	28♑51	15♒53	22♎33	19♏11	2♈51	9♈41	29♈ 4	7♌11	17♎42	17♎31	15♑29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s38	12n 7	4s38	23s26	1s54	25s14	1s29	0n19	1n 9	16s 9	0n 1	1s 6	2s10	3n33	0s27	10n21	1s20	35n37	17n28	8s10	7s41	18s27		n.a.
S 2	22 46	8 6	3 57	23 47	1 55	25 6	1 28	0 2	1 9	16 13	0 1	1 6	2 10	3 33	0 27	10 21	1 20	35 37	17 29	8 9	7 40	18 27		n.a.
S 3	22 54	3 46	3 4	24 6	1 55	24 59	1 27	0s16	1 8	16 17	0 1	1 6	2 10	3 33	0 27	10 20	1 20	35 38	17 29	8 8	7 39	18 26		n.a.
M 4	23 2	0s40	2 2	24 24	1 54	24 50	1 26	0 33	1 8	16 21	0 1	1 5	2 10	3 32	0 27	10 20	1 19	35 39	17 30	8 9	7 37	18 25		n.a.
T 5	23 10	4 57	0 55	24 40	1 53	24 41	1 24	0 51	1 7	16 25	0 1	1 5	2 9	3 32	0 27	10 20	1 19	35 39	17 30	8 9	7 36	18 25		n.a.
W 6	23 17	8 55	0n14	24 54	1 52	24 30	1 23	1 8	1 6	16 30	0 1	1 5	2 9	3 32	0 27	10 19	1 19	35 40	17 31	8 9	7 35	18 24		n.a.
T 7	23 23	12 26	1 20	25 6	1 50	24 20	1 21	1 26	1 6	16 34	0 1	1 4	2 9	3 32	0 27	10 19	1 19	35 41	17 31	8 9	7 34	18 23		n.a.
F 8	23 29	15 20	2 21	25 15	1 47	24 8	1 19	1 43	1 5	16 38	0 0	1 4	2 8	3 31	0 27	10 19	1 19	35 41	17 32	8 7	7 32	18 22		n.a.
S 9	23 35	17 31	3 15	25 23	1 44	23 56	1 18	2 1	1 5	16 42	0 0	1 3	2 8	3 31	0 27	10 18	1 19	35 42	17 32	8 5	7 31	18 22		n.a.
S 10	23 40	18 54	4 0	25 28	1 40	23 43	1 16	2 18	1 4	16 46	0 0	1 3	2 8	3 31	0 27	10 18	1 19	35 43	17 33	8 2	7 30	18 21		n.a.
M11	23 45	19 25	4 33	25 31	1 35	23 29	1 14	2 36	1 3	16 50	0 0	1 2	2 7	3 31	0 27	10 18	1 19	35 43	17 33	7 57	7 29	18 20		n.a.
T 12	23 49	19 4	4 55	25 31	1 30	23 15	1 12	2 53	1 3	16 54	0s 0	1 1	2 7	3 31	0 27	10 17	1 19	35 44	17 34	7 53	7 27	18 19		n.a.
W13	23 53	17 53	5 3	25 29	1 24	23 0	1 10	3 10	1 2	16 58	0 0	1 1	2 7	3 31	0 26	10 17	1 19	35 45	17 34	7 48	7 26	18 19		n.a.
T 14	23 56	15 57	4 58	25 24	1 18	22 45	1 8	3 28	1 1	17 2	0 0	1 0	2 6	3 31	0 26	10 17	1 19	35 46	17 34	7 44	7 25	18 18		n.a.
F 15	23 59	13 20	4 40	25 17	1 11	22 28	1 6	3 45	1 1	17 6	0 0	0 59	2 6	3 31	0 26	10 17	1 19	35 46	17 35	7 40	7 24	18 17		n.a.
S 16	24 1	10 9	4 10	25 7	1 3	22 12	1 4	4 2	1 0	17 9	0 1	0 59	2 6	3 31	0 26	10 16	1 19	35 47	17 35	7 37	7 22	18 16		n.a.
S 17	24 3	6 31	3 29	24 55	0 54	21 54	1 2	4 20	0 59	17 13	0 1	0 58	2 6	3 31	0 26	10 16	1 19	35 48	17 36	7 35	7 21	18 16		n.a.
M18	24 5	2 33	2 37	24 40	0 45	21 36	0 59	4 37	0 58	17 17	0 1	0 57	2 5	3 31	0 26	10 16	1 19	35 48	17 36	7 34	7 20	18 15		n.a.
T 19	24 6	1n37	1 37	24 23	0 35	21 17	0 57	4 54	0 58	17 21	0 1	0 56	2 5	3 31	0 26	10 16	1 19	35 49	17 36	7 34	7 19	18 14		n.a.
W20	24 6	5 49	0 30	24 3	0 25	20 58	0 54	5 11	0 57	17 25	0 1	0 55	2 5	3 31	0 26	10 15	1 19	35 50	17 37	7 34	7 18	18 13		n.a.
T 21	24 7	9 54	0s41	23 42	0 14	20 38	0 52	5 28	0 56	17 28	0 1	0 54	2 4	3 31	0 26	10 15	1 19	35 51	17 37	7 34	7 16	18 13		n.a.
F 22	24 6	13 35	1 52	23 19	0 2	20 18	0 49	5 46	0 55	17 32	0 1	0 53	2 4	3 31	0 26	10 15	1 19	35 51	17 37	7 34	7 15	18 12		n.a.
S 23	24 6	16 36	2 58	22 53	0n10	19 57	0 47	6 3	0 54	17 35	0 2	0 52	2 4	3 31	0 26	10 15	1 19	35 52	17 38	7 32	7 14	18 11		n.a.
S 24	24 4	18 38	3 54	22 27	0 22	19 36	0 44	6 20	0 53	17 39	0 2	0 50	2 3	3 31	0 26	10 15	1 18	35 53	17 38	7 30	7 13	18 10		n.a.
M25	24 3	19 24	4 36	21 59	0 35	19 14	0 41	6 37	0 53	17 43	0 2	0 49	2 3	3 31	0 26	10 15	1 18	35 53	17 39	7 26	7 11	18 9		n.a.
T 26	24 1	18 47	4 58	21 31	0 48	18 52	0 38	6 54	0 52	17 46	0 2	0 48	2 3	3 31	0 26	10 14	1 18	35 54	17 39	7 22	7 10	18 9		n.a.
W27	23 58	16 48	4 59	21 2	1 1	18 29	0 35	7 11	0 51	17 50	0 2	0 47	2 3	3 32	0 26	10 14	1 18	35 55	17 39	7 18	7 9	18 8		n.a.
T 28	23 55	13 41	4 39	20 33	1 14	18 6	0 32	7 27	0 50	17 53	0 2	0 45	2 2	3 32	0 26	10 14	1 18	35 55	17 39	7 14	7 8	18 7		n.a.
F 29	23 51	9 45	4 0	20 4	1 27	17 42	0 29	7 44	0 49	17 56	0 2	0 44	2 2	3 32	0 26	10 14	1 18	35 56	17 40	7 11	7 6	18 6		n.a.
S 30	23 48	5 21	3 7	19 35	1 40	17 18	0 26	8 1	0 48	18 0	0 2	0 43	2 2	3 32	0 26	10 14	1 18	35 57	17 40	7 9	7 5	18 6		n.a.
S 31	23s43	0n48	2s 5	19s 7	1n53	16s53	0s23	8s18	0n47	18s 3	0s 3	0s41	2s 1	3n33	0s26	10n14	1s18	35n57	17n40	7s 8	7s 4	18s 5		n.a.

Julian Day Number = 193217.5, Delta T = 32h24m04s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'11, Lahiri = -61°26'11 Julian Calendar 1 Jan. 4184 BCE == Greg. Calendar 29 Nov. 4185 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

FEBRUARY 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 35 28	10♉58'30	6♎47	0♒ 0	17♒ 4	23♎15	19♏22	2♈54	9♈42	29°R 3	7°R10	17°R41	17♎28	15♉36	n.a.	M 1
T 2	6 39 25	11°57'10	19°48	1° 3	18°15	23°56	19°34	2°57	9°43	29♈ 3	7♌ 8	17♎41	17°25	15°43	n.a.	T 2
W 3	6 43 21	12°55'48	2♏28	2° 1	19°26	24°37	19°45	3° 0	9°43	29° 3	7° 7	17°41	17°22	15°49	n.a.	W 3
T 4	6 47 18	13°54'24	14°51	2°52	20°37	25°19	19°56	3° 3	9°44	29° 3	7° 5	17°38	17°18	15°56	n.a.	T 4
F 5	6 51 14	14°52'59	27° 2	3°37	21°47	26° 0	20° 7	3° 7	9°45	29° 2	7° 4	17°34	17°15	16° 3	n.a.	F 5
S 6	6 55 11	15°51'31	9♐ 5	4°15	22°58	26°41	20°18	3°10	9°46	29° 2	7° 2	17°26	17°12	16° 9	n.a.	S 6
S 7	6 59 7	16°50'02	21° 2	4°47	24° 8	27°22	20°28	3°14	9°47	29° 2	7° 1	17°16	17° 9	16°16	n.a.	S 7
M 8	7 3 4	17°48'30	2♉55	5°12	25°18	28° 3	20°39	3°17	9°48	29° 2	6°59	17° 3	17° 6	16°23	n.a.	M 8
T 9	7 7 0	18°46'56	14°47	5°30	26°29	28°44	20°49	3°21	9°49	29° 2	6°58	16°49	17° 2	16°30	n.a.	T 9
W10	7 10 57	19°45'20	26°39	5°43	27°39	29°25	21° 0	3°25	9°50	29°D 2	6°56	16°35	16°59	16°36	n.a.	W10
T 11	7 14 53	20°43'42	8♒33	5°R48	28°49	0♏ 6	21°10	3°29	9°52	29° 2	6°54	16°21	16°56	16°43	n.a.	T 11
F 12	7 18 50	21°42'02	20°29	5°48	29°59	0°47	21°20	3°33	9°53	29° 2	6°53	16° 9	16°53	16°50	n.a.	F 12
S 13	7 22 46	22°40'20	2♓30	5°42	1♓ 8	1°28	21°31	3°37	9°54	29° 2	6°51	16° 1	16°50	16°57	n.a.	S 13
S 14	7 26 43	23°38'35	14°38	5°30	2°18	2° 9	21°41	3°41	9°56	29° 2	6°50	15°55	16°47	17° 3	n.a.	S 14
M15	7 30 40	24°36'48	26°57	5°12	3°28	2°50	21°51	3°46	9°57	29° 3	6°48	15°51	16°43	17°10	n.a.	M15
T 16	7 34 36	25°34'59	9♈30	4°49	4°37	3°31	22° 0	3°50	9°59	29° 3	6°46	15°50	16°40	17°17	n.a.	T 16
W17	7 38 33	26°33'08	22°21	4°22	5°46	4°11	22°10	3°55	10° 0	29° 3	6°45	15°50	16°37	17°23	n.a.	W17
T 18	7 42 29	27°31'14	5♉35	3°52	6°55	4°52	22°20	3°59	10° 2	29° 3	6°43	15°50	16°34	17°30	n.a.	T 18
F 19	7 46 26	28°29'18	19°15	3°17	8° 4	5°33	22°29	4° 4	10° 3	29° 3	6°41	15°49	16°31	17°37	n.a.	F 19
S 20	7 50 22	29°27'20	3♊23	2°40	9°13	6°13	22°38	4° 9	10° 5	29° 4	6°40	15°45	16°28	17°44	n.a.	S 20
S 21	7 54 19	0♒25'20	17°57	2° 1	10°22	6°54	22°48	4°13	10° 7	29° 4	6°38	15°39	16°24	17°50	n.a.	S 21
M22	7 58 15	1°23'18	2♋55	1°21	11°31	7°34	22°57	4°18	10° 8	29° 5	6°36	15°31	16°21	17°57	n.a.	M22
T 23	8 2 12	2°21'14	18° 9	0°40	12°39	8°15	23° 6	4°23	10°10	29° 5	6°35	15°21	16°18	18° 4	n.a.	T 23
W24	8 6 8	3°19'07	3♌27	29♉59	13°47	8°55	23°14	4°28	10°12	29° 5	6°33	15°11	16°15	18°11	n.a.	W24
T 25	8 10 5	4°16'59	18°39	29°20	14°55	9°36	23°23	4°33	10°14	29° 6	6°31	15° 2	16°12	18°17	n.a.	T 25
F 26	8 14 1	5°14'49	3♍35	28°42	16° 3	10°16	23°32	4°39	10°16	29° 6	6°30	14°54	16° 8	18°24	n.a.	F 26
S 27	8 17 58	6°12'38	18° 6	28° 7	17°11	10°56	23°40	4°44	10°18	29° 7	6°28	14°49	16° 5	18°31	n.a.	S 27
S 28	8 21 54	7♒10'25	2♎ 8	27♉34	18♓19	11♏36	23♏49	4♈49	10♈20	29♈ 8	6♌26	14♎47	16♎ 2	18♉37	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23 s39	3 s39	0 s57	18 s40	2n 6	16 s28	0 s20	8 s34	0n46	18 s 6	0 s 3	0 s40	2 s 1	3n33	0 s26	10n14	1 s18	35n58	17n41	7 s 8	7 s 3	18 s 4		n.a.
T 2	23 33	7 47	0n11	18 15	2 18	16 3	0 17	8 51	0 45	18 10	0 3	0 38	2 1	3 33	0 26	10 14	1 18	35 59	17 41	7 8	7 1	18 3		n.a.
W 3	23 28	11 28	1 17	17 50	2 30	15 37	0 13	9 7	0 44	18 13	0 3	0 37	2 1	3 34	0 26	10 14	1 18	36 0	17 41	7 8	7 0	18 2		n.a.
T 4	23 22	14 33	2 18	17 28	2 41	15 11	0 10	9 24	0 43	18 16	0 3	0 35	2 0	3 34	0 26	10 14	1 18	36 0	17 41	7 7	6 59	18 1		n.a.
F 5	23 15	16 56	3 12	17 7	2 52	14 45	0 7	9 40	0 42	18 19	0 3	0 33	2 0	3 35	0 26	10 14	1 18	36 1	17 42	7 5	6 58	18 1		n.a.
S 6	23 8	18 33	3 56	16 48	3 1	14 18	0 3	9 56	0 41	18 22	0 3	0 32	2 0	3 35	0 26	10 14	1 18	36 1	17 42	7 2	6 56	18 0		n.a.
S 7	23 1	19 19	4 29	16 32	3 10	13 51	0n 0	10 13	0 40	18 26	0 4	0 30	1 59	3 35	0 26	10 14	1 18	36 2	17 42	6 58	6 55	17 59		n.a.
M 8	22 53	19 14	4 51	16 18	3 18	13 23	0 4	10 29	0 39	18 29	0 4	0 28	1 59	3 36	0 26	10 14	1 18	36 3	17 42	6 53	6 54	17 58		n.a.
T 9	22 45	18 18	4 59	16 6	3 26	12 56	0 7	10 45	0 38	18 32	0 4	0 26	1 59	3 36	0 26	10 14	1 18	36 3	17 42	6 47	6 53	17 57		n.a.
W10	22 37	16 35	4 55	15 58	3 32	12 28	0 11	11 1	0 36	18 35	0 4	0 25	1 59	3 37	0 26	10 14	1 18	36 4	17 43	6 42	6 51	17 57		n.a.
T 11	22 28	14 10	4 38	15 52	3 36	12 0	0 14	11 17	0 35	18 38	0 4	0 23	1 58	3 37	0 26	10 14	1 17	36 5	17 43	6 36	6 50	17 56		n.a.
F 12	22 18	11 9	4 8	15 48	3 40	11 31	0 18	11 32	0 34	18 40	0 4	0 21	1 58	3 38	0 26	10 14	1 17	36 5	17 43	6 32	6 49	17 55		n.a.
S 13	22 9	7 39	3 28	15 48	3 42	11 2	0 21	11 48	0 33	18 43	0 5	0 19	1 58	3 38	0 25	10 14	1 17	36 6	17 43	6 28	6 48	17 54		n.a.
S 14	21 58	3 49	2 37	15 50	3 43	10 33	0 25	12 4	0 32	18 46	0 5	0 17	1 58	3 39	0 25	10 14	1 17	36 7	17 43	6 26	6 46	17 53		n.a.
M15	21 48	0n15	1 38	15 55	3 42	10 4	0 29	12 19	0 30	18 49	0 5	0 15	1 57	3 40	0 25	10 14	1 17	36 7	17 43	6 25	6 45	17 52		n.a.
T 16	21 37	4 23	0 34	16 3	3 40	9 35	0 33	12 35	0 29	18 52	0 5	0 13	1 57	3 40	0 25	10 14	1 17	36 8	17 43	6 24	6 44	17 52		n.a.
W17	21 26	8 24	0 s34	16 13	3 36	9 5	0 36	12 50	0 28	18 54	0 5	0 11	1 57	3 41	0 25	10 15	1 17	36 8	17 44	6 24	6 43	17 51		n.a.
T 18	21 14	12 9	1 43	16 25	3 31	8 36	0 40	13 5	0 27	18 57	0 5	0 9	1 57	3 42	0 25	10 15	1 17	36 9	17 44	6 24	6 41	17 50		n.a.
F 19	21 2	15 21	2 47	16 40	3 24	8 6	0 44	13 21	0 25	19 0	0 5	0 7	1 56	3 42	0 25	10 15	1 17	36 9	17 44	6 23	6 40	17 49		n.a.
S 20	20 50	17 46	3 44	16 56	3 16	7 36	0 48	13 36	0 24	19 2	0 6	0 4	1 56	3 43	0 25	10 15	1 17	36 10	17 44	6 22	6 39	17 48		n.a.
S 21	20 37	19 6	4 28	17 14	3 7	7 6	0 52	13 51	0 23	19 5	0 6	0 2	1 56	3 44	0 25	10 15	1 17	36 11	17 44	6 20	6 38	17 47		n.a.
M22	20 24	19 10	4 55	17 34	2 56	6 36	0 55	14 5	0 21	19 7	0 6	0 0	1 56	3 44	0 25	10 15	1 17	36 11	17 44	6 16	6 36	17 46		n.a.
T 23	20 11	17 52	5 1	17 54	2 44	6 5	0 59	14 20	0 20	19 10	0 6	0n 2	1 55	3 45	0 25	10 16	1 17	36 12	17 44	6 13	6 35	17 46		n.a.
W24	19 58	15 17	4 47	18 16	2 31	5 35	1 3	14 35	0 18	19 12	0 6	0 4	1 55	3 46	0 25	10 16	1 17	36 12	17 44	6 8	6 34	17 45		n.a.
T 25	19 44	11 40	4 12	18 38	2 17	5 4	1 7	14 49	0 17	19 15	0 6	0 7	1 55	3 47	0 25	10 16	1 17	36 13	17 44	6 5	6 33	17 44		n.a.
F 26	19 29	7 22	3 20	19 0	2 2	4 34	1 11	15 4	0 16	19 17	0 7	0 9	1 55	3 47	0 25	10 16	1 17	36 13	17 44	6 2	6 31	17 43		n.a.
S 27	19 15	2 45	2 17	19 22	1 47	4 3	1 15	15 18	0 14	19 19	0 7	0 11	1 54	3 48	0 25	10 17	1 17	36 14	17 44	6 0	6 30	17 42		n.a.
S 28	19 s 0	1 s53	1 s 7	19 s44	1n32	3 s33	1n19	15 s32	0n13	19 s22	0 s 7	0n14	1 s54	3n49	0 s25	10n17	1 s17	36n14	17n44	5 s59	6 s29	17 s41		n.a.

Julian Day Number = 193248.5, Delta T = 32h24m01s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'07, Lahiri = -61°26'07 Julian Calendar 1 Feb. 4184 BCE == Greg. Calendar 30 Dec. 4185 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

MARCH 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 25 51	8♒ 8'10	15♎42	27°R 4	19♓27	12♏16	23♏57	4♈55	10♈22	29♈ 8	6°R24	14°D46	15♎59	18♑44	n.a.	M 1
T 2	8 29 48	9° 5'54	28°48	26♑38	20°34	12°57	24° 5	5° 0	10°24	29° 9	6♌23	14♎46	15°56	18°51	n.a.	T 2
W 3	8 33 44	10° 3'37	11♏31	26°16	21°41	13°37	24°13	5° 6	10°26	29°10	6°21	14°R47	15°53	18°58	n.a.	W 3
T 4	8 37 41	11° 1'18	23°54	25°58	22°48	14°16	24°21	5°11	10°28	29°10	6°19	14°46	15°49	19° 4	n.a.	T 4
F 5	8 41 37	11°58'58	6♐ 3	25°45	23°55	14°56	24°28	5°17	10°30	29°11	6°18	14°43	15°46	19°11	n.a.	F 5
S 6	8 45 34	12°56'37	18° 3	25°36	25° 2	15°36	24°36	5°23	10°33	29°12	6°16	14°38	15°43	19°18	n.a.	S 6
S 7	8 49 30	13°54'14	29°56	25°D32	26° 8	16°16	24°43	5°29	10°35	29°13	6°14	14°30	15°40	19°24	n.a.	S 7
M 8	8 53 27	14°51'50	11♑47	25°33	27°15	16°55	24°50	5°35	10°37	29°13	6°13	14°21	15°37	19°31	n.a.	M 8
T 9	8 57 23	15°49'24	23°39	25°38	28°21	17°35	24°58	5°40	10°40	29°14	6°11	14°10	15°33	19°38	n.a.	T 9
W10	9 1 20	16°46'57	5♒33	25°48	29°27	18°14	25° 4	5°47	10°42	29°15	6° 9	13°59	15°30	19°45	n.a.	W10
T 11	9 5 16	17°44'29	17°31	26° 3	0♈33	18°54	25°11	5°53	10°45	29°16	6° 8	13°49	15°27	19°51	n.a.	T 11
F 12	9 9 13	18°41'59	29°35	26°22	1°38	19°33	25°18	5°59	10°47	29°17	6° 6	13°40	15°24	19°58	n.a.	F 12
S 13	9 13 9	19°39'28	11♓45	26°46	2°43	20°12	25°24	6° 5	10°50	29°18	6° 4	13°33	15°21	20° 5	n.a.	S 13
S 14	9 17 6	20°36'55	24° 4	27°14	3°49	20°51	25°31	6°11	10°52	29°19	6° 3	13°29	15°18	20°12	n.a.	S 14
M15	9 21 3	21°34'21	6♈33	27°46	4°54	21°30	25°37	6°18	10°55	29°20	6° 1	13°27	15°14	20°18	n.a.	M15
T 16	9 24 59	22°31'45	19°15	28°22	5°58	22° 9	25°43	6°24	10°57	29°21	6° 0	13°D27	15°11	20°25	n.a.	T 16
W17	9 28 56	23°29'08	2♉12	29° 1	7° 3	22°48	25°49	6°30	11° 0	29°22	5°58	13°28	15° 8	20°32	n.a.	W17
T 18	9 32 52	24°26'29	15°28	29°45	8° 7	23°26	25°55	6°37	11° 3	29°23	5°56	13°29	15° 5	20°38	n.a.	T 18
F 19	9 36 49	25°23'49	29° 4	0♒32	9°11	24° 5	26° 0	6°43	11° 6	29°25	5°55	13°R29	15° 2	20°45	n.a.	F 19
S 20	9 40 45	26°21'07	13♊ 3	1°23	10°15	24°43	26° 6	6°50	11° 8	29°26	5°53	13°28	14°59	20°52	n.a.	S 20
S 21	9 44 42	27°18'24	27°25	2°17	11°18	25°21	26°11	6°57	11°11	29°27	5°52	13°25	14°55	20°59	n.a.	S 21
M22	9 48 38	28°15'39	12♋ 5	3°15	12°22	26° 0	26°16	7° 3	11°14	29°28	5°50	13°20	14°52	21° 5	n.a.	M22
T 23	9 52 35	29°12'53	27° 1	4°16	13°25	26°38	26°21	7°10	11°17	29°29	5°49	13°14	14°49	21°12	n.a.	T 23
W24	9 56 32	0♓10'06	12♌ 2	5°20	14°27	27°16	26°25	7°17	11°20	29°31	5°47	13° 8	14°46	21°19	n.a.	W24
T 25	10 0 28	1° 7'18	27° 1	6°27	15°30	27°53	26°30	7°24	11°23	29°32	5°46	13° 2	14°43	21°26	n.a.	T 25
F 26	10 4 25	2° 4'28	11♍48	7°37	16°32	28°31	26°34	7°31	11°26	29°33	5°44	12°58	14°39	21°32	n.a.	F 26
S 27	10 8 21	3° 1'38	26°17	8°50	17°34	29° 9	26°39	7°38	11°29	29°35	5°43	12°55	14°36	21°39	n.a.	S 27
S 28	10 12 18	3°58'47	10♎20	10° 6	18°35	29°46	26°43	7°45	11°32	29°36	5°41	12°D54	14°33	21°46	n.a.	S 28
M29	10 16 14	4°55'55	23°58	11°24	19°37	0♐23	26°47	7°52	11°35	29°38	5°40	12°54	14°30	21°52	n.a.	M29
T 30	10 20 11	5°53'02	7♏ 9	12°46	20°37	1° 0	26°50	7°59	11°38	29°39	5°39	12°55	14°27	21°59	n.a.	T 30
W31	10 24 7	6♓50'09	19♏56	14♒10	21♈38	1♐37	26♏54	8♈ 6	11♈41	29♈41	5♌37	12♎57	14♎24	22♑ 6	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	18s44	6s16	0n 5	20s 6	1n16	3s 2	1n23	15s47	0n11	19s24	0s 7	0n16	1s54	3n50	0s25	10n17	1s17	36n15	17n44	5s59	6s28	17s40			n.a.
T 2	18 29	10 12	1 14	20 27	1 0	2 31	1 26	16 0	0 10	19 26	0 7	0 19	1 54	3 51	0 25	10 17	1 16	36 15	17 44	5 59	6 26	17 39			n.a.
W 3	18 13	13 32	2 17	20 46	0 44	2 1	1 30	16 14	0 8	19 28	0 7	0 21	1 53	3 52	0 25	10 18	1 16	36 15	17 44	5 59	6 25	17 39			n.a.
T 4	17 57	16 10	3 13	21 5	0 28	1 30	1 34	16 28	0 6	19 31	0 8	0 24	1 53	3 53	0 25	10 18	1 16	36 16	17 44	5 59	6 24	17 38			n.a.
F 5	17 41	18 1	3 58	21 23	0 13	0 59	1 38	16 42	0 5	19 33	0 8	0 26	1 53	3 54	0 25	10 18	1 16	36 16	17 44	5 57	6 22	17 37			n.a.
S 6	17 24	19 2	4 32	21 40	0s 3	0 29	1 42	16 55	0 3	19 35	0 8	0 29	1 53	3 55	0 25	10 19	1 16	36 17	17 44	5 55	6 21	17 36			n.a.
S 7	17 7	19 12	4 54	21 55	0 17	0n 2	1 45	17 9	0 2	19 37	0 8	0 31	1 52	3 55	0 25	10 19	1 16	36 17	17 44	5 52	6 20	17 35			n.a.
M 8	16 50	18 32	5 4	22 9	0 31	0 32	1 49	17 22	0s 0	19 39	0 8	0 34	1 52	3 56	0 25	10 19	1 16	36 17	17 44	5 49	6 19	17 34			n.a.
T 9	16 32	17 3	5 0	22 21	0 45	1 3	1 53	17 35	0 2	19 41	0 8	0 37	1 52	3 57	0 25	10 20	1 16	36 18	17 44	5 44	6 17	17 33			n.a.
W10	16 15	14 51	4 43	22 32	0 58	1 33	1 57	17 48	0 3	19 42	0 9	0 39	1 52	3 58	0 25	10 20	1 16	36 18	17 43	5 40	6 16	17 32			n.a.
T 11	15 57	12 0	4 14	22 41	1 10	2 3	2 0	18 1	0 5	19 44	0 9	0 42	1 52	3 59	0 25	10 20	1 16	36 19	17 43	5 36	6 15	17 31			n.a.
F 12	15 38	8 38	3 33	22 48	1 22	2 33	2 4	18 13	0 7	19 46	0 9	0 45	1 51	4 0	0 25	10 21	1 16	36 19	17 43	5 32	6 14	17 30			n.a.
S 13	15 20	4 52	2 42	22 54	1 33	3 3	2 8	18 26	0 9	19 48	0 9	0 47	1 51	4 1	0 25	10 21	1 16	36 19	17 43	5 30	6 12	17 30			n.a.
S 14	15 1	0 52	1 42	22 59	1 43	3 33	2 11	18 38	0 11	19 50	0 9	0 50	1 51	4 3	0 25	10 22	1 16	36 20	17 43	5 28	6 11	17 29			n.a.
M15	14 42	3n14	0 37	23 1	1 52	4 3	2 15	18 51	0 12	19 51	0 9	0 53	1 51	4 4	0 25	10 22	1 16	36 20	17 43	5 27	6 10	17 28			n.a.
T 16	14 23	7 16	0s31	23 2	2 0	4 33	2 18	19 3	0 14	19 53	0 10	0 55	1 51	4 5	0 25	10 23	1 16	36 20	17 42	5 27	6 9	17 27			n.a.
W17	14 4	11 2	1 39	23 1	2 8	5 2	2 22	19 15	0 16	19 55	0 10	0 58	1 50	4 6	0 25	10 23	1 16	36 20	17 42	5 28	6 7	17 26			n.a.
T 18	13 45	14 19	2 44	22 58	2 15	5 31	2 25	19 27	0 18	19 56	0 10	1 1	1 50	4 7	0 25	10 23	1 16	36 21	17 42	5 28	6 6	17 25			n.a.
F 19	13 25	16 56	3 41	22 54	2 21	6 0	2 29	19 38	0 20	19 58	0 10	1 4	1 50	4 8	0 25	10 24	1 16	36 21	17 42	5 28	6 5	17 24			n.a.
S 20	13 5	18 36	4 26	22 48	2 27	6 29	2 32	19 50	0 22	19 59	0 10	1 7	1 50	4 9	0 24	10 24	1 16	36 21	17 42	5 28	6 4	17 23			n.a.
S 21	12 45	19 9	4 57	22 40	2 32	6 58	2 35	20 2	0 24	20 1	0 11	1 10	1 50	4 10	0 24	10 25	1 15	36 21	17 41	5 26	6 2	17 22			n.a.
M22	12 25	18 25	5 9	22 30	2 36	7 26	2 38	20 13	0 26	20 2	0 11	1 13	1 50	4 11	0 24	10 25	1 15	36 22	17 41	5 25	6 1	17 21			n.a.
T 23	12 4	16 27	5 0	22 18	2 39	7 54	2 41	20 24	0 28	20 3	0 11	1 15	1 49	4 13	0 24	10 26	1 15	36 22	17 41	5 22	6 0	17 20			n.a.
W24	11 43	13 20	4 31	22 4	2 41	8 22	2 45	20 35	0 30	20 5	0 11	1 18	1 49	4 14	0 24	10 26	1 15	36 22	17 41	5 20	5 59	17 19			n.a.
T 25	11 23	9 22	3 43	21 49	2 43	8 50	2 48	20 46	0 32	20 6	0 11	1 21	1 49	4 15	0 24	10 27	1 15	36 22	17 40	5 17	5 57	17 18			n.a.
F 26	11 2	4 52	2 41	21 31	2 44	9 17	2 50	20 57	0 34	20 7	0 11	1 24	1 49	4 16	0 24	10 27	1 15	36 22	17 40	5 15	5 56	17 17			n.a.
S 27	10 41	0 10	1 29	21 12	2 44	9 44	2 53	21 7	0 36	20 8	0 12	1 27	1 49	4 17	0 24	10 28	1 15	36 22	17 40	5 14	5 55	17 17			n.a.
S 28	10 19	4s25	0 14	20 50	2 44	10 11	2 56	21 18	0 38	20 10	0 12	1 30	1 48	4 19	0 24	10 29	1 15	36 22	17 40	5 14	5 53	17 16			n.a.
M29	9 58	8 38	1n 0	20 27	2 43	10 37	2 59	21 28	0 40	20 11	0 12	1 33	1 48	4 20	0 24	10 29	1 15	36 23	17 39	5 14	5 52	17 15			n.a.
T 30	9 36	12 16	2 8	20 1	2 41	11 4	3 1	21 38	0 43	20 12	0 12	1 36	1 48	4 21	0 24	10 30	1 15	36 23	17 39	5 15	5 51	17 14			n.a.
W31	9s15	15s12	3n 8	19s34	2s39	11n29	3n 4	21s48	0s45	20s13	0s12	1n39	1s48	4n22	0s24	10n30	1s15	36n23	17n39	5s15	5s50	17s13			n.a.

Julian Day Number = 193276.5, Delta T = 32h23m58s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°33'03, Lahiri = -61°26'03 Julian Calendar 1 March 4184 BCE == Greg. Calendar 27 Jan. 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

APRIL 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 28 4	7♓47'15	2♐23	15♒37	22♈38	2♐14	26♏57	8♈13	11♈44	29♈42	5°R36	12°R58	14♎20	22♑13	n.a.	T 1
F 2	10 32 1	8°44'21	14°35	17° 6	23°38	2°51	27° 0	8°20	11°47	29°44	5♌34	12♎58	14°17	22°19	n.a.	F 2
S 3	10 35 57	9°41'27	26°35	18°38	24°38	3°27	27° 3	8°27	11°50	29°45	5°33	12°56	14°14	22°26	n.a.	S 3
S 4	10 39 54	10°38'32	8♑29	20°13	25°37	4° 4	27° 6	8°35	11°53	29°47	5°32	12°54	14°11	22°33	n.a.	S 4
M 5	10 43 50	11°35'37	20°21	21°51	26°36	4°40	27° 9	8°42	11°57	29°48	5°31	12°50	14° 8	22°39	n.a.	M 5
T 6	10 47 47	12°32'41	2♒14	23°31	27°34	5°16	27°11	8°49	12° 0	29°50	5°29	12°45	14° 5	22°46	n.a.	T 6
W 7	10 51 43	13°29'44	14°12	25°14	28°32	5°52	27°14	8°56	12° 3	29°52	5°28	12°40	14° 1	22°53	n.a.	W 7
T 8	10 55 40	14°26'48	26°16	26°59	29°30	6°27	27°16	9° 4	12° 6	29°53	5°27	12°35	13°58	23° 0	n.a.	T 8
F 9	10 59 36	15°23'50	8♓29	28°47	0♉27	7° 3	27°17	9°11	12°10	29°55	5°26	12°31	13°55	23° 6	n.a.	F 9
S 10	11 3 33	16°20'53	20°53	0♓37	1°24	7°38	27°19	9°19	12°13	29°57	5°24	12°28	13°52	23°13	n.a.	S 10
S 11	11 7 30	17°17'54	3♈27	2°30	2°20	8°13	27°21	9°26	12°16	29°58	5°23	12°27	13°49	23°20	n.a.	S 11
M12	11 11 26	18°14'56	16°14	4°25	3°16	8°48	27°22	9°34	12°20	0♉ 0	5°22	12°D26	13°45	23°27	n.a.	M12
T 13	11 15 23	19°11'57	29°13	6°22	4°11	9°22	27°23	9°41	12°23	0° 2	5°21	12°27	13°42	23°33	n.a.	T 13
W14	11 19 19	20° 8'57	12♉27	8°21	5° 6	9°57	27°24	9°49	12°27	0° 4	5°20	12°29	13°39	23°40	n.a.	W14
T 15	11 23 16	21° 5'57	25°54	10°23	6° 0	10°31	27°25	9°56	12°30	0° 5	5°19	12°30	13°36	23°47	n.a.	T 15
F 16	11 27 12	22° 2'56	9♊37	12°27	6°54	11° 4	27°25	10° 4	12°33	0° 7	5°18	12°31	13°33	23°53	n.a.	F 16
S 17	11 31 9	22°59'55	23°35	14°32	7°47	11°38	27°26	10°12	12°37	0° 9	5°17	12°R31	13°30	24° 0	n.a.	S 17
S 18	11 35 6	23°56'53	7♋47	16°38	8°40	12°11	27°R26	10°19	12°40	0°11	5°16	12°31	13°26	24° 7	n.a.	S 18
M19	11 39 2	24°53'51	22°11	18°46	9°32	12°45	27°26	10°27	12°44	0°13	5°15	12°30	13°23	24°14	n.a.	M19
T 20	11 42 59	25°50'49	6♌44	20°55	10°23	13°18	27°26	10°35	12°47	0°15	5°14	12°28	13°20	24°20	n.a.	T 20
W21	11 46 55	26°47'46	21°21	23° 5	11°14	13°50	27°25	10°42	12°51	0°17	5°13	12°26	13°17	24°27	n.a.	W21
T 22	11 50 52	27°44'42	5♍56	25°16	12° 4	14°23	27°25	10°50	12°54	0°19	5°12	12°24	13°14	24°34	n.a.	T 22
F 23	11 54 48	28°41'39	20°22	27°26	12°53	14°55	27°24	10°58	12°58	0°21	5°12	12°23	13°10	24°41	n.a.	F 23
S 24	11 58 45	29°38'35	4♎33	29°37	13°42	15°26	27°23	11° 5	13° 1	0°22	5°11	12°22	13° 7	24°47	n.a.	S 24
S 25	12 2 42	0♈35'32	18°27	1♈47	14°29	15°58	27°22	11°13	13° 5	0°24	5°10	12°D22	13° 4	24°54	n.a.	S 25
M26	12 6 38	1°32'29	1♏59	3°57	15°16	16°29	27°21	11°21	13° 8	0°26	5° 9	12°23	13° 1	25° 1	n.a.	M26
T 27	12 10 35	2°29'26	15° 9	6° 6	16° 3	17° 0	27°19	11°29	13°12	0°28	5° 9	12°23	12°58	25° 7	n.a.	T 27
W28	12 14 31	3°26'23	27°57	8°14	16°48	17°31	27°17	11°37	13°15	0°30	5° 8	12°24	12°55	25°14	n.a.	W28
T 29	12 18 28	4°23'21	10♐27	10°20	17°33	18° 1	27°15	11°44	13°19	0°33	5° 7	12°25	12°51	25°21	n.a.	T 29
F 30	12 22 24	5♈20'20	22♐41	12♈26	18♉16	18♐31	27♏13	11♈52	13♈23	0♉35	5♌ 7	12♎26	12♎48	25♑28	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s53	17s21	3n57	19s 5	2s36	11n55	3n 6	21s58	0s47	20s14	0s13	1n42	1s48	4n24	0s24	10n31	1s15	36n23	17n38	5s16	5s48	17s12		n.a.
F 2	8 31	18 39	4 35	18 33	2 32	12 20	3 9	22 7	0 49	20 15	0 13	1 45	1 48	4 25	0 24	10 31	1 15	36 23	17 38	5 16	5 47	17 11		n.a.
S 3	8 9	19 5	5 0	18 0	2 28	12 45	3 11	22 17	0 52	20 16	0 13	1 48	1 48	4 26	0 24	10 32	1 15	36 23	17 38	5 15	5 46	17 10		n.a.
S 4	7 47	18 39	5 11	17 24	2 23	13 9	3 13	22 26	0 54	20 17	0 13	1 51	1 47	4 28	0 24	10 33	1 15	36 23	17 37	5 14	5 45	17 9		n.a.
M 5	7 25	17 25	5 9	16 47	2 17	13 33	3 15	22 36	0 56	20 17	0 13	1 54	1 47	4 29	0 24	10 33	1 15	36 23	17 37	5 12	5 43	17 8		n.a.
T 6	7 2	15 26	4 54	16 7	2 11	13 57	3 17	22 45	0 59	20 18	0 14	1 57	1 47	4 30	0 24	10 34	1 15	36 23	17 37	5 10	5 42	17 7		n.a.
W 7	6 40	12 47	4 26	15 25	2 5	14 20	3 19	22 54	1 1	20 19	0 14	2 1	1 47	4 32	0 24	10 35	1 15	36 23	17 36	5 8	5 41	17 6		n.a.
T 8	6 17	9 34	3 46	14 42	1 57	14 43	3 20	23 2	1 4	20 20	0 14	2 4	1 47	4 33	0 24	10 35	1 15	36 23	17 36	5 6	5 40	17 5		n.a.
F 9	5 55	5 55	2 56	13 56	1 50	15 5	3 22	23 11	1 6	20 20	0 14	2 7	1 47	4 34	0 24	10 36	1 15	36 23	17 35	5 5	5 38	17 4		n.a.
S 10	5 32	1 57	1 56	13 8	1 42	15 27	3 23	23 20	1 9	20 21	0 14	2 10	1 47	4 36	0 24	10 36	1 15	36 23	17 35	5 4	5 37	17 3		n.a.
S 11	5 9	2n10	0 49	12 19	1 33	15 48	3 25	23 28	1 11	20 21	0 15	2 13	1 46	4 37	0 24	10 37	1 15	36 23	17 35	5 3	5 36	17 2		n.a.
M12	4 46	6 14	0s21	11 27	1 24	16 9	3 26	23 36	1 14	20 22	0 15	2 16	1 46	4 38	0 24	10 38	1 14	36 23	17 34	5 3	5 35	17 1		n.a.
T 13	4 23	10 5	1 31	10 34	1 14	16 30	3 27	23 44	1 16	20 22	0 15	2 19	1 46	4 40	0 24	10 38	1 14	36 23	17 34	5 3	5 33	17 0		n.a.
W14	4 0	13 30	2 38	9 40	1 5	16 50	3 28	23 52	1 19	20 23	0 15	2 23	1 46	4 41	0 24	10 39	1 14	36 22	17 33	5 4	5 32	16 59		n.a.
T 15	3 37	16 16	3 37	8 43	0 54	17 10	3 29	24 0	1 22	20 23	0 16	2 26	1 46	4 42	0 24	10 40	1 14	36 22	17 33	5 4	5 31	16 58		n.a.
F 16	3 14	18 9	4 25	7 45	0 44	17 29	3 29	24 7	1 24	20 24	0 16	2 29	1 46	4 44	0 24	10 40	1 14	36 22	17 32	5 5	5 29	16 57		n.a.
S 17	2 51	18 59	4 59	6 46	0 34	17 47	3 30	24 15	1 27	20 24	0 16	2 32	1 46	4 45	0 24	10 41	1 14	36 22	17 32	5 5	5 28	16 56		n.a.
S 18	2 28	18 39	5 14	5 46	0 23	18 5	3 30	24 22	1 30	20 24	0 16	2 35	1 46	4 47	0 24	10 42	1 14	36 22	17 31	5 5	5 27	16 55		n.a.
M19	2 5	17 7	5 11	4 45	0 12	18 23	3 30	24 29	1 32	20 24	0 16	2 38	1 45	4 48	0 24	10 43	1 14	36 22	17 31	5 4	5 26	16 54		n.a.
T 20	1 42	14 28	4 48	3 43	0 2	18 39	3 30	24 37	1 35	20 24	0 17	2 42	1 45	4 49	0 24	10 43	1 14	36 21	17 30	5 4	5 24	16 53		n.a.
W21	1 18	10 55	4 6	2 41	0n 9	18 56	3 30	24 43	1 38	20 25	0 17	2 45	1 45	4 51	0 24	10 44	1 14	36 21	17 30	5 3	5 23	16 52		n.a.
T 22	0 55	6 41	3 8	1 39	0 19	19 12	3 29	24 50	1 41	20 25	0 17	2 48	1 45	4 52	0 24	10 45	1 14	36 21	17 30	5 2	5 22	16 51		n.a.
F 23	0 32	2 7	1 59	0 36	0 29	19 27	3 29	24 57	1 44	20 25	0 17	2 51	1 45	4 54	0 24	10 45	1 14	36 21	17 29	5 2	5 21	16 50		n.a.
S 24	0 9	2s31	0 43	0n26	0 39	19 41	3 28	25 3	1 47	20 25	0 18	2 54	1 45	4 55	0 24	10 46	1 14	36 21	17 29	5 1	5 19	16 49		n.a.
S 25	0n15	6 55	0n34	1 28	0 48	19 55	3 27	25 10	1 50	20 25	0 18	2 58	1 45	4 56	0 24	10 47	1 14	36 20	17 28	5 1	5 18	16 48		n.a.
M26	0 38	10 50	1 47	2 29	0 57	20 9	3 26	25 16	1 53	20 25	0 18	3 1	1 45	4 58	0 24	10 48	1 14	36 20	17 28	5 1	5 17	16 47		n.a.
T 27	1 1	14 6	2 52	3 29	1 6	20 21	3 25	25 22	1 56	20 24	0 18	3 4	1 45	4 59	0 24	10 48	1 14	36 20	17 27	5 2	5 15	16 46		n.a.
W28	1 24	16 35	3 47	4 29	1 14	20 34	3 23	25 28	1 59	20 24	0 18	3 7	1 45	5 1	0 24	10 49	1 14	36 19	17 26	5 2	5 14	16 45		n.a.
T 29	1 48	18 12	4 29	5 27	1 21	20 45	3 21	25 34	2 2	20 24	0 19	3 10	1 44	5 2	0 24	10 50	1 14	36 19	17 26	5 2	5 13	16 44		n.a.
F 30	2n11	18s56	4n59	6n24	1n28	20n56	3n19	25s40	2s 5	20s24	0s19	3n14	1s44	5n 4	0s24	10n51	1s14	36n19	17n25	5s 3	5s12	16s43		n.a.

Julian Day Number = 193307.5, Delta T = 32h23m54s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'59, Lahiri = -61°25'59 Julian Calendar 1 Apr. 4184 BCE == Greg. Calendar 27 Feb. 4184 BCE

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

MAY 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 26 21	6♈17'18	4♑43	14♈30	18♉59	19♐ 1	27°R11	12♈ 0	13♈26	0♉37	5°R 6	12°R26	12♎45	25♑34	n.a.	S 1
S 2	12 30 18	7°14'18	16°39	16°32	19°41	19°30	27♏ 9	12° 8	13°30	0°39	5♌ 5	12♎26	12°42	25°41	n.a.	S 2
M 3	12 34 14	8°11'18	28°32	18°33	20°22	19°59	27° 6	12°16	13°33	0°41	5° 5	12°25	12°39	25°48	n.a.	M 3
T 4	12 38 11	9° 8'19	10♒26	20°32	21° 1	20°28	27° 3	12°24	13°37	0°43	5° 4	12°25	12°36	25°54	n.a.	T 4
W 5	12 42 7	10° 5'20	22°27	22°29	21°40	20°56	27° 0	12°31	13°41	0°45	5° 4	12°25	12°32	26° 1	n.a.	W 5
T 6	12 46 4	11° 2'22	4♓37	24°25	22°18	21°24	26°57	12°39	13°44	0°47	5° 4	12°24	12°29	26° 8	n.a.	T 6
F 7	12 50 0	11°59'24	17° 0	26°18	22°54	21°51	26°54	12°47	13°48	0°49	5° 3	12°D24	12°26	26°15	n.a.	F 7
S 8	12 53 57	12°56'27	29°37	28°10	23°29	22°18	26°50	12°55	13°52	0°51	5° 3	12°24	12°23	26°21	n.a.	S 8
S 9	12 57 54	13°53'31	12♈29	29°59	24° 3	22°45	26°46	13° 3	13°55	0°53	5° 2	12°R24	12°20	26°28	n.a.	S 9
M10	13 1 50	14°50'35	25°37	1♉48	24°36	23°11	26°42	13°11	13°59	0°56	5° 2	12°24	12°16	26°35	n.a.	M10
T 11	13 5 47	15°47'40	9♉ 0	3°34	25° 7	23°37	26°38	13°19	14° 2	0°58	5° 2	12°24	12°13	26°41	n.a.	T 11
W12	13 9 43	16°44'46	22°37	5°18	25°37	24° 2	26°34	13°26	14° 6	1° 0	5° 2	12°24	12°10	26°48	n.a.	W12
T 13	13 13 40	17°41'52	6♊26	7° 0	26° 5	24°27	26°30	13°34	14°10	1° 2	5° 1	12°23	12° 7	26°55	n.a.	T 13
F 14	13 17 36	18°38'58	20°26	8°41	26°32	24°52	26°25	13°42	14°13	1° 4	5° 1	12°23	12° 4	27° 2	n.a.	F 14
S 15	13 21 33	19°36'05	4♋32	10°19	26°57	25°15	26°20	13°50	14°17	1° 7	5° 1	12°22	12° 1	27° 8	n.a.	S 15
S 16	13 25 30	20°33'13	18°45	11°56	27°21	25°39	26°15	13°58	14°20	1° 9	5° 1	12°D22	11°57	27°15	n.a.	S 16
M17	13 29 26	21°30'21	3♌ 0	13°30	27°43	26° 2	26°10	14° 6	14°24	1°11	5° 1	12°22	11°54	27°22	n.a.	M17
T 18	13 33 23	22°27'29	17°15	15° 3	28° 3	26°24	26° 5	14°13	14°28	1°13	5°D 1	12°23	11°51	27°29	n.a.	T 18
W19	13 37 19	23°24'39	1♍28	16°34	28°22	26°46	26° 0	14°21	14°31	1°15	5° 1	12°23	11°48	27°35	n.a.	W19
T 20	13 41 16	24°21'48	15°35	18° 3	28°38	27° 8	25°54	14°29	14°35	1°18	5° 1	12°24	11°45	27°42	n.a.	T 20
F 21	13 45 13	25°18'59	29°33	19°30	28°53	27°29	25°49	14°37	14°38	1°20	5° 1	12°25	11°41	27°49	n.a.	F 21
S 22	13 49 9	26°16'10	13♎21	20°54	29° 5	27°49	25°43	14°45	14°42	1°22	5° 1	12°R25	11°38	27°55	n.a.	S 22
S 23	13 53 6	27°13'22	26°54	22°17	29°16	28° 9	25°37	14°52	14°45	1°24	5° 1	12°25	11°35	28° 2	n.a.	S 23
M24	13 57 2	28°10'36	10♏12	23°38	29°24	28°28	25°31	15° 0	14°49	1°26	5° 2	12°24	11°32	28° 9	n.a.	M24
T 25	14 0 59	29° 7'50	23°12	24°57	29°30	28°47	25°25	15° 8	14°53	1°29	5° 2	12°22	11°29	28°16	n.a.	T 25
W26	14 4 55	0♉ 5'06	5♐56	26°14	29°35	29° 5	25°18	15°15	14°56	1°31	5° 2	12°19	11°26	28°22	n.a.	W26
T 27	14 8 52	1° 2'23	18°23	27°28	29°R36	29°22	25°12	15°23	15° 0	1°33	5° 2	12°17	11°22	28°29	n.a.	T 27
F 28	14 12 49	1°59'42	0♑37	28°40	29°36	29°39	25° 6	15°31	15° 3	1°35	5° 3	12°14	11°19	28°36	n.a.	F 28
S 29	14 16 45	2°57'02	12°40	29°50	29°33	29°55	24°59	15°38	15° 7	1°38	5° 3	12°12	11°16	28°42	n.a.	S 29
S 30	14 20 42	3°54'24	24°35	0♊57	29°28	0♑10	24°52	15°46	15°10	1°40	5° 3	12°11	11°13	28°49	n.a.	S 30
M31	14 24 38	4♉51'47	6♒28	2♊ 2	29♉21	0♑25	24♏45	15♈54	15♈14	1♉42	5♌ 4	12°D10	11♎10	28♑56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n34	18s48	5n14	7n19	1n35	21n 6	3n17	25s46	2s 8	20s23	0s19	3n17	1s44	5n 5	0s24	10n51	1s14	36n18	17n25	5s 3	5s10	16s42		n.a.
S 2	2 57	17 49	5 16	8 13	1 40	21 16	3 14	25 52	2 11	20 23	0 19	3 20	1 44	5 7	0 24	10 52	1 14	36 18	17 24	5 3	5 9	16 41		n.a.
M 3	3 20	16 4	5 5	9 5	1 45	21 24	3 12	25 57	2 14	20 23	0 20	3 23	1 44	5 8	0 24	10 53	1 14	36 18	17 24	5 3	5 8	16 40		n.a.
T 4	3 43	13 38	4 40	9 56	1 50	21 33	3 9	26 3	2 17	20 22	0 20	3 26	1 44	5 9	0 24	10 54	1 14	36 17	17 23	5 2	5 7	16 39		n.a.
W 5	4 6	10 36	4 3	10 44	1 54	21 40	3 5	26 8	2 21	20 22	0 20	3 30	1 44	5 11	0 24	10 55	1 14	36 17	17 23	5 2	5 5	16 38		n.a.
T 6	4 29	7 4	3 15	11 31	1 57	21 47	3 2	26 13	2 24	20 21	0 20	3 33	1 44	5 12	0 24	10 55	1 14	36 16	17 22	5 2	5 4	16 36		n.a.
F 7	4 52	3 11	2 16	12 17	1 59	21 53	2 58	26 18	2 27	20 21	0 20	3 36	1 44	5 14	0 24	10 56	1 14	36 16	17 22	5 2	5 3	16 35		n.a.
S 8	5 15	0n55	1 10	13 0	2 1	21 58	2 54	26 23	2 31	20 20	0 21	3 39	1 44	5 15	0 24	10 57	1 14	36 16	17 21	5 2	5 1	16 34		n.a.
S 9	5 38	5 4	0s 0	13 41	2 3	22 3	2 50	26 28	2 34	20 19	0 21	3 42	1 44	5 17	0 24	10 58	1 14	36 15	17 21	5 2	5 0	16 33		n.a.
M10	6 0	9 3	1 13	14 21	2 3	22 7	2 45	26 33	2 37	20 19	0 21	3 46	1 44	5 18	0 24	10 58	1 14	36 15	17 20	5 2	4 59	16 32		n.a.
T 11	6 23	12 39	2 22	14 59	2 3	22 10	2 40	26 38	2 41	20 18	0 21	3 49	1 44	5 20	0 24	10 59	1 14	36 14	17 19	5 2	4 58	16 31		n.a.
W12	6 46	15 39	3 25	15 35	2 3	22 12	2 35	26 43	2 44	20 17	0 22	3 52	1 44	5 21	0 24	11 0	1 14	36 14	17 19	5 2	4 56	16 30		n.a.
T 13	7 8	17 47	4 17	16 9	2 2	22 14	2 29	26 47	2 48	20 16	0 22	3 55	1 44	5 22	0 24	11 1	1 14	36 13	17 18	5 2	4 55	16 29		n.a.
F 14	7 30	18 52	4 54	16 41	2 0	22 15	2 23	26 52	2 51	20 15	0 22	3 58	1 43	5 24	0 24	11 2	1 14	36 13	17 18	5 1	4 54	16 28		n.a.
S 15	7 53	18 48	5 14	17 11	1 58	22 15	2 17	26 56	2 55	20 14	0 22	4 1	1 43	5 25	0 24	11 2	1 14	36 12	17 17	5 1	4 53	16 27		n.a.
S 16	8 15	17 34	5 15	17 40	1 56	22 14	2 10	27 1	2 59	20 13	0 22	4 5	1 43	5 27	0 24	11 3	1 13	36 12	17 16	5 1	4 51	16 26		n.a.
M17	8 37	15 14	4 57	18 7	1 52	22 12	2 4	27 5	3 2	20 12	0 23	4 8	1 43	5 28	0 24	11 4	1 13	36 11	17 16	5 1	4 50	16 25		n.a.
T 18	8 59	11 59	4 20	18 32	1 49	22 10	1 56	27 10	3 6	20 11	0 23	4 11	1 43	5 30	0 24	11 5	1 13	36 11	17 15	5 1	4 49	16 24		n.a.
W19	9 20	8 2	3 28	18 55	1 44	22 7	1 49	27 14	3 10	20 10	0 23	4 14	1 43	5 31	0 24	11 6	1 13	36 10	17 15	5 2	4 47	16 23		n.a.
T 20	9 42	3 39	2 23	19 17	1 40	22 3	1 40	27 18	3 13	20 9	0 23	4 17	1 43	5 33	0 24	11 6	1 13	36 9	17 14	5 2	4 46	16 22		n.a.
F 21	10 4	0s54	1 11	19 36	1 34	21 58	1 32	27 22	3 17	20 8	0 24	4 20	1 43	5 34	0 24	11 7	1 13	36 9	17 14	5 2	4 45	16 20		n.a.
S 22	10 25	5 20	0n 5	19 55	1 29	21 52	1 23	27 27	3 21	20 7	0 24	4 23	1 43	5 35	0 24	11 8	1 13	36 8	17 13	5 3	4 44	16 19		n.a.
S 23	10 46	9 26	1 19	20 11	1 23	21 46	1 14	27 31	3 25	20 6	0 24	4 26	1 43	5 37	0 24	11 9	1 13	36 8	17 12	5 2	4 42	16 18		n.a.
M24	11 7	12 58	2 28	20 26	1 16	21 38	1 4	27 35	3 29	20 4	0 24	4 30	1 43	5 38	0 24	11 10	1 13	36 7	17 12	5 2	4 41	16 17		n.a.
T 25	11 28	15 46	3 27	20 39	1 9	21 30	0 54	27 39	3 32	20 3	0 25	4 33	1 43	5 40	0 24	11 10	1 13	36 6	17 11	5 1	4 40	16 16		n.a.
W26	11 49	17 44	4 14	20 51	1 1	21 21	0 44	27 43	3 36	20 2	0 25	4 36	1 43	5 41	0 24	11 11	1 13	36 6	17 11	5 0	4 39	16 15		n.a.
T 27	12 10	18 48	4 48	21 1	0 53	21 10	0 33	27 47	3 40	20 0	0 25	4 39	1 43	5 42	0 24	11 12	1 13	36 5	17 10	4 59	4 37	16 14		n.a.
F 28	12 30	18 58	5 9	21 9	0 45	20 59	0 22	27 51	3 44	19 59	0 25	4 42	1 43	5 44	0 24	11 13	1 13	36 4	17 9	4 58	4 36	16 13		n.a.
S 29	12 50	18 16	5 15	21 17	0 36	20 48	0 11	27 55	3 48	19 57	0 25	4 45	1 43	5 45	0 24	11 14	1 13	36 4	17 9	4 57	4 35	16 12		n.a.
S 30	13 10	16 46	5 8	21 22	0 27	20 35	0s 1	27 59	3 52	19 56	0 26	4 48	1 43	5 47	0 24	11 14	1 13	36 3	17 8	4 57	4 33	16 11		n.a.
M31	13n30	14s33	4n47	21n26	0n18	20n21	0s14	28s 3	3s56	19s54	0s26	4n51	1s43	5n48	0s24	11n15	1s13	36n 2	17n 8	4s57	4s32	16s 9		n.a.

Julian Day Number = 193337.5, Delta T = 32h23m51s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'55, Lahiri = -61°25'55 Julian Calendar 1 May 4184 BCE == Greg. Calendar 29 March 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

JUNE 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 28 35	5♉49'11	18♒23	3♊ 5	29°R11	0♑39	24°R38	16♈ 1	15♈17	1♉44	5♌ 4	12♎11	11♎ 7	29♑ 3	n.a.	T 1
W 2	14 32 31	6°46'37	0♓24	4° 4	28♉59	0°53	24♏31	16° 9	15°20	1°46	5° 5	12°12	11° 3	29° 9	n.a.	W 2
T 3	14 36 28	7°44'05	12°37	5° 1	28°44	1° 5	24°24	16°16	15°24	1°49	5° 5	12°14	11° 0	29°16	n.a.	T 3
F 4	14 40 25	8°41'34	25° 5	5°55	28°28	1°17	24°17	16°24	15°27	1°51	5° 6	12°15	10°57	29°23	n.a.	F 4
S 5	14 44 21	9°39'05	7♈51	6°45	28° 9	1°29	24° 9	16°31	15°31	1°53	5° 6	12°R16	10°54	29°29	n.a.	S 5
S 6	14 48 18	10°36'37	20°58	7°32	27°48	1°39	24° 2	16°39	15°34	1°55	5° 7	12°16	10°51	29°36	n.a.	S 6
M 7	14 52 14	11°34'12	4♉26	8°16	27°24	1°49	23°55	16°46	15°37	1°58	5° 8	12°15	10°47	29°43	n.a.	M 7
T 8	14 56 11	12°31'47	18°14	8°56	26°59	1°58	23°47	16°53	15°41	2° 0	5° 8	12°12	10°44	29°50	n.a.	T 8
W 9	15 0 7	13°29'25	2♊18	9°33	26°32	2° 6	23°39	17° 1	15°44	2° 2	5° 9	12° 8	10°41	29°56	n.a.	W 9
T 10	15 4 4	14°27'03	16°35	10° 5	26° 3	2°13	23°32	17° 8	15°47	2° 4	5°10	12° 3	10°38	0♒ 3	n.a.	T 10
F 11	15 8 1	15°24'44	0♋59	10°33	25°32	2°20	23°24	17°15	15°51	2° 6	5°11	11°58	10°35	0°10	n.a.	F 11
S 12	15 11 57	16°22'25	15°24	10°57	25° 0	2°25	23°16	17°22	15°54	2° 9	5°11	11°54	10°32	0°16	n.a.	S 12
S 13	15 15 54	17°20'08	29°47	11°16	24°27	2°30	23° 9	17°30	15°57	2°11	5°12	11°52	10°28	0°23	n.a.	S 13
M14	15 19 50	18°17'52	14♌ 3	11°30	23°53	2°34	23° 1	17°37	16° 0	2°13	5°13	11°D50	10°25	0°30	n.a.	M14
T 15	15 23 47	19°15'38	28° 9	11°39	23°17	2°38	22°53	17°44	16° 3	2°15	5°14	11°51	10°22	0°37	n.a.	T 15
W16	15 27 43	20°13'25	12♍ 5	11°R42	22°41	2°40	22°45	17°51	16° 7	2°17	5°15	11°52	10°19	0°43	n.a.	W16
T 17	15 31 40	21°11'13	25°50	11°40	22° 5	2°41	22°37	17°58	16°10	2°19	5°16	11°53	10°16	0°50	n.a.	T 17
F 18	15 35 36	22° 9'03	9♎24	11°32	21°28	2°R42	22°29	18° 5	16°13	2°21	5°17	11°R54	10°12	0°57	n.a.	F 18
S 19	15 39 33	23° 6'55	22°46	11°19	20°52	2°42	22°22	18°12	16°16	2°24	5°18	11°53	10° 9	1° 3	n.a.	S 19
S 20	15 43 30	24° 4'48	5♏56	11° 0	20°15	2°41	22°14	18°19	16°19	2°26	5°19	11°51	10° 6	1°10	n.a.	S 20
M21	15 47 26	25° 2'43	18°54	10°34	19°39	2°39	22° 6	18°26	16°22	2°28	5°20	11°47	10° 3	1°17	n.a.	M21
T 22	15 51 23	26° 0'40	1♐39	10° 4	19° 4	2°36	21°58	18°32	16°25	2°30	5°22	11°40	10° 0	1°24	n.a.	T 22
W23	15 55 19	26°58'39	14°12	9°27	18°30	2°33	21°50	18°39	16°28	2°32	5°23	11°33	9°57	1°30	n.a.	W23
T 24	15 59 16	27°56'40	26°32	8°46	17°57	2°28	21°43	18°46	16°31	2°34	5°24	11°24	9°53	1°37	n.a.	T 24
F 25	16 3 12	28°54'43	8♑42	8° 0	17°26	2°23	21°35	18°53	16°34	2°36	5°25	11°16	9°50	1°44	n.a.	F 25
S 26	16 7 9	29°52'47	20°42	7°10	16°56	2°17	21°27	18°59	16°37	2°38	5°26	11° 9	9°47	1°50	n.a.	S 26
S 27	16 11 5	0♊50'55	2♒36	6°17	16°28	2°10	21°19	19° 6	16°39	2°40	5°28	11° 3	9°44	1°57	n.a.	S 27
M28	16 15 2	1°49'04	14°27	5°21	16° 1	2° 2	21°12	19°12	16°42	2°42	5°29	10°59	9°41	2° 4	n.a.	M28
T 29	16 18 59	2°47'15	26°20	4°24	15°37	1°54	21° 4	19°19	16°45	2°44	5°30	10°57	9°38	2°11	n.a.	T 29
W30	16 22 55	3♊45'29	8♓19	3♊28	15♉15	1♑44	20♏57	19♈25	16♈48	2♉46	5♌32	10°D57	9♎34	2♒17	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n50	11s43	4n14	21n29	0n 8	20n 7	0s26	28s 7	4s 0	19s53	0s26	4n54	1s43	5n49	0s24	11n16	1s13	36n 2	17n 7	4s57	4s31	16s 8		n.a.
W 2	14 9	8 22	3 30	21 31	0s 2	19 51	0 39	28 11	4 4	19 51	0 26	4 57	1 43	5 51	0 24	11 17	1 13	36 1	17 6	4 57	4 30	16 7		n.a.
T 3	14 29	4 37	2 36	21 31	0 13	19 35	0 52	28 15	4 8	19 50	0 26	5 0	1 43	5 52	0 24	11 18	1 13	36 0	17 6	4 58	4 28	16 6		n.a.
F 4	14 48	0 35	1 33	21 30	0 24	19 18	1 6	28 19	4 12	19 48	0 27	5 3	1 43	5 53	0 24	11 18	1 13	36 0	17 5	4 59	4 27	16 5		n.a.
S 5	15 7	3n34	0 24	21 28	0 35	19 1	1 20	28 23	4 17	19 46	0 27	5 6	1 43	5 55	0 24	11 19	1 13	35 59	17 5	4 59	4 26	16 4		n.a.
S 6	15 25	7 41	0s48	21 25	0 47	18 42	1 34	28 27	4 21	19 45	0 27	5 8	1 43	5 56	0 24	11 20	1 13	35 58	17 4	4 59	4 24	16 3		n.a.
M 7	15 44	11 30	1 58	21 21	0 58	18 23	1 48	28 31	4 25	19 43	0 27	5 11	1 43	5 57	0 24	11 21	1 13	35 57	17 4	4 58	4 23	16 2		n.a.
T 8	16 2	14 48	3 4	21 15	1 10	18 3	2 2	28 35	4 29	19 41	0 28	5 14	1 43	5 59	0 24	11 22	1 13	35 57	17 3	4 57	4 22	16 0		n.a.
W 9	16 20	17 17	4 0	21 9	1 23	17 43	2 16	28 39	4 33	19 40	0 28	5 17	1 43	6 0	0 24	11 22	1 13	35 56	17 2	4 55	4 21	15 59		n.a.
T 10	16 37	18 45	4 42	21 1	1 35	17 22	2 31	28 43	4 37	19 38	0 28	5 20	1 43	6 1	0 24	11 23	1 13	35 55	17 2	4 53	4 19	15 58		n.a.
F 11	16 55	19 1	5 6	20 53	1 47	17 1	2 45	28 47	4 41	19 36	0 28	5 23	1 43	6 3	0 24	11 24	1 13	35 54	17 1	4 52	4 18	15 57		n.a.
S 12	17 12	18 3	5 11	20 44	2 0	16 40	2 59	28 51	4 45	19 34	0 28	5 26	1 43	6 4	0 24	11 25	1 13	35 54	17 1	4 50	4 17	15 56		n.a.
S 13	17 29	15 56	4 57	20 34	2 13	16 18	3 13	28 55	4 50	19 32	0 29	5 28	1 43	6 5	0 24	11 25	1 13	35 53	17 0	4 49	4 16	15 55		n.a.
M14	17 45	12 52	4 24	20 24	2 25	15 56	3 27	28 59	4 54	19 30	0 29	5 31	1 43	6 6	0 24	11 26	1 13	35 52	16 59	4 48	4 14	15 54		n.a.
T 15	18 2	9 5	3 36	20 13	2 38	15 34	3 41	29 3	4 58	19 29	0 29	5 34	1 43	6 8	0 24	11 27	1 13	35 51	16 59	4 49	4 13	15 52		n.a.
W16	18 18	4 50	2 35	20 1	2 50	15 12	3 54	29 7	5 2	19 27	0 29	5 37	1 43	6 9	0 24	11 28	1 13	35 50	16 58	4 49	4 12	15 51		n.a.
T 17	18 34	0 23	1 26	19 49	3 2	14 50	4 7	29 11	5 6	19 25	0 29	5 39	1 43	6 10	0 24	11 29	1 13	35 50	16 58	4 50	4 10	15 50		n.a.
F 18	18 49	4s 2	0 14	19 37	3 13	14 28	4 20	29 15	5 10	19 23	0 29	5 42	1 43	6 11	0 24	11 29	1 13	35 49	16 57	4 50	4 9	15 49		n.a.
S 19	19 4	8 11	0n59	19 24	3 24	14 7	4 32	29 19	5 14	19 21	0 30	5 45	1 43	6 13	0 24	11 30	1 13	35 48	16 57	4 50	4 8	15 48		n.a.
S 20	19 19	11 53	2 7	19 11	3 35	13 46	4 43	29 23	5 18	19 19	0 30	5 47	1 43	6 14	0 24	11 31	1 13	35 47	16 56	4 49	4 7	15 47		n.a.
M21	19 34	14 57	3 7	18 58	3 44	13 26	4 54	29 27	5 22	19 17	0 30	5 50	1 43	6 15	0 24	11 31	1 13	35 46	16 56	4 47	4 5	15 46		n.a.
T 22	19 48	17 13	3 56	18 45	3 53	13 6	5 5	29 31	5 25	19 15	0 30	5 53	1 43	6 16	0 24	11 32	1 13	35 45	16 55	4 44	4 4	15 44		n.a.
W23	20 2	18 37	4 34	18 32	4 0	12 47	5 14	29 34	5 29	19 13	0 30	5 55	1 43	6 17	0 24	11 33	1 13	35 45	16 54	4 41	4 3	15 43		n.a.
T 24	20 15	19 7	4 57	18 20	4 6	12 29	5 24	29 38	5 33	19 12	0 31	5 58	1 43	6 18	0 24	11 34	1 13	35 44	16 54	4 38	4 1	15 42		n.a.
F 25	20 29	18 43	5 7	18 8	4 11	12 12	5 32	29 42	5 37	19 10	0 31	6 0	1 43	6 20	0 24	11 34	1 13	35 43	16 53	4 35	4 0	15 41		n.a.
S 26	20 41	17 29	5 3	17 57	4 14	11 57	5 40	29 46	5 40	19 8	0 31	6 3	1 44	6 21	0 24	11 35	1 13	35 42	16 53	4 32	3 59	15 40		n.a.
S 27	20 54	15 30	4 46	17 47	4 15	11 42	5 47	29 49	5 44	19 6	0 31	6 5	1 44	6 22	0 24	11 36	1 13	35 41	16 52	4 29	3 58	15 38		n.a.
M28	21 6	12 52	4 17	17 38	4 14	11 28	5 53	29 53	5 47	19 4	0 31	6 8	1 44	6 23	0 24	11 36	1 13	35 40	16 52	4 28	3 56	15 37		n.a.
T 29	21 18	9 42	3 37	17 30	4 12	11 15	5 59	29 56	5 50	19 2	0 31	6 10	1 44	6 24	0 24	11 37	1 13	35 39	16 51	4 27	3 55	15 36		n.a.
W30	21n30	6s 7	2n46	17n24	4s 7	11n 4	6s 4	30s 0	5s54	19s 0	0s31	6n13	1s44	6n25	0s24	11n38	1s13	35n39	16n51	4s27	3s54	15s35		n.a.

Julian Day Number = 193368.5, Delta T = 32h23m48s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'51, Lahiri = -61°25'51 Julian Calendar 1 June 4184 BCE == Greg. Calendar 29 Apr. 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

JULY 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 26 52	4♊43'45	20♓30	2°R32	14°R55	1°R34	20°R49	19♈31	16♈50	2♉48	5♌33	10♎58	9♎31	2♒24	n.a.	T 1
F 2	16 30 48	5°42'04	2♈58	1♊39	14♉37	1♋23	20♏42	19°38	16°53	2°50	5°35	10°59	9°28	2°31	n.a.	F 2
S 3	16 34 45	6°40'24	15°47	0°50	14°22	1°11	20°35	19°44	16°56	2°52	5°36	10°R59	9°25	2°37	n.a.	S 3
S 4	16 38 41	7°38'47	29° 0	0° 5	14° 9	0°59	20°27	19°50	16°58	2°54	5°38	10°57	9°22	2°44	n.a.	S 4
M 5	16 42 38	8°37'13	12♉40	29♉26	13°58	0°46	20°20	19°56	17° 1	2°56	5°39	10°54	9°18	2°51	n.a.	M 5
T 6	16 46 34	9°35'40	26°45	28°54	13°50	0°32	20°13	20° 2	17° 3	2°58	5°41	10°48	9°15	2°58	n.a.	T 6
W 7	16 50 31	10°34'10	11♊13	28°30	13°44	0°17	20° 6	20° 8	17° 6	2°59	5°42	10°39	9°12	3° 4	n.a.	W 7
T 8	16 54 27	11°32'42	25°56	28°14	13°40	0° 2	20° 0	20°14	17° 8	3° 1	5°44	10°30	9° 9	3°11	n.a.	T 8
F 9	16 58 24	12°31'17	10♋47	28°D 6	13°D39	29♐47	19°53	20°20	17°11	3° 3	5°46	10°21	9° 6	3°18	n.a.	F 9
S 10	17 2 21	13°29'53	25°37	28° 8	13°40	29°30	19°46	20°26	17°13	3° 5	5°47	10°12	9° 3	3°24	n.a.	S 10
S 11	17 6 17	14°28'31	10♌19	28°18	13°43	29°14	19°40	20°31	17°16	3° 7	5°49	10° 6	8°59	3°31	n.a.	S 11
M12	17 10 14	15°27'11	24°46	28°38	13°49	28°57	19°33	20°37	17°18	3° 8	5°51	10° 2	8°56	3°38	n.a.	M12
T 13	17 14 10	16°25'53	8♍55	29° 7	13°57	28°39	19°27	20°42	17°20	3°10	5°52	10° 0	8°53	3°45	n.a.	T 13
W14	17 18 7	17°24'37	22°46	29°45	14° 7	28°21	19°21	20°48	17°22	3°12	5°54	10°D 0	8°50	3°51	n.a.	W14
T 15	17 22 3	18°23'22	6♎19	0♊31	14°19	28° 3	19°15	20°53	17°25	3°14	5°56	10°R 1	8°47	3°58	n.a.	T 15
F 16	17 26 0	19°22'10	19°35	1°25	14°33	27°45	19° 9	20°59	17°27	3°15	5°58	10° 0	8°44	4° 5	n.a.	F 16
S 17	17 29 56	20°21'00	2♏37	2°26	14°50	27°26	19° 4	21° 4	17°29	3°17	6° 0	9°58	8°40	4°11	n.a.	S 17
S 18	17 33 53	21°19'52	15°27	3°35	15° 8	27° 7	18°58	21° 9	17°31	3°19	6° 2	9°54	8°37	4°18	n.a.	S 18
M19	17 37 49	22°18'45	28° 6	4°50	15°28	26°49	18°53	21°14	17°33	3°20	6° 3	9°46	8°34	4°25	n.a.	M19
T 20	17 41 46	23°17'41	10♐34	6°10	15°50	26°30	18°48	21°19	17°35	3°22	6° 5	9°36	8°31	4°32	n.a.	T 20
W21	17 45 43	24°16'40	22°54	7°36	16°13	26°11	18°43	21°24	17°37	3°23	6° 7	9°23	8°28	4°38	n.a.	W21
T 22	17 49 39	25°15'40	5♑ 4	9° 6	16°39	25°52	18°38	21°29	17°39	3°25	6° 9	9°10	8°24	4°45	n.a.	T 22
F 23	17 53 36	26°14'43	17° 7	10°40	17° 6	25°33	18°33	21°34	17°40	3°26	6°11	8°57	8°21	4°52	n.a.	F 23
S 24	17 57 32	27°13'49	29° 3	12°17	17°34	25°14	18°28	21°38	17°42	3°28	6°13	8°44	8°18	4°58	n.a.	S 24
S 25	18 1 29	28°12'56	10♒54	13°58	18° 4	24°56	18°24	21°43	17°44	3°29	6°15	8°34	8°15	5° 5	n.a.	S 25
M26	18 5 25	29°12'06	22°44	15°40	18°36	24°37	18°20	21°48	17°46	3°31	6°17	8°26	8°12	5°12	n.a.	M26
T 27	18 9 22	0♋11'19	4♓35	17°24	19° 9	24°19	18°16	21°52	17°47	3°32	6°19	8°21	8° 9	5°19	n.a.	T 27
W28	18 13 18	1°10'34	16°31	19°10	19°44	24° 2	18°12	21°56	17°49	3°34	6°21	8°19	8° 5	5°25	n.a.	W28
T 29	18 17 15	2° 9'52	28°39	20°57	20°20	23°44	18° 8	22° 1	17°50	3°35	6°24	8°18	8° 2	5°32	n.a.	T 29
F 30	18 21 11	3° 9'12	11♈ 3	22°44	20°57	23°27	18° 5	22° 5	17°52	3°36	6°26	8°18	7°59	5°39	n.a.	F 30
S 31	18 25 8	4♋ 8'35	23♈48	24♊32	21♉35	23♐11	18♏ 1	22♈ 9	17♈53	3♉38	6♌28	8♎18	7♎56	5♒45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n41	2s13	1n48	17n19	4s 1	10n54	6s 9	30s 3	5s57	18s58	0s32	6n15	1s44	6n26	0s24	11n39	1s13	35n38	16n50	4s27	3s52	15s34			n.a.
F 2	21 51	1n52	0 43	17 17	3 52	10 45	6 12	30 6	6 0	18 56	0 32	6 18	1 44	6 27	0 24	11 39	1 13	35 37	16 50	4 28	3 51	15 33			n.a.
S 3	22 2	5 59	0s26	17 17	3 42	10 38	6 16	30 9	6 3	18 55	0 32	6 20	1 44	6 28	0 24	11 40	1 13	35 36	16 49	4 28	3 50	15 31			n.a.
S 4	22 12	9 57	1 35	17 19	3 31	10 31	6 18	30 12	6 6	18 53	0 32	6 22	1 44	6 29	0 24	11 41	1 13	35 35	16 49	4 27	3 49	15 30			n.a.
M 5	22 21	13 31	2 41	17 23	3 17	10 26	6 20	30 15	6 8	18 51	0 32	6 24	1 44	6 30	0 24	11 41	1 13	35 34	16 48	4 26	3 47	15 29			n.a.
T 6	22 31	16 26	3 39	17 30	3 3	10 22	6 22	30 17	6 11	18 49	0 32	6 27	1 44	6 31	0 24	11 42	1 13	35 33	16 48	4 23	3 46	15 28			n.a.
W 7	22 39	18 23	4 25	17 40	2 47	10 20	6 22	30 20	6 13	18 47	0 33	6 29	1 44	6 32	0 24	11 42	1 13	35 32	16 47	4 20	3 45	15 27			n.a.
T 8	22 48	19 9	4 54	17 52	2 31	10 18	6 23	30 22	6 15	18 46	0 33	6 31	1 44	6 33	0 24	11 43	1 13	35 31	16 47	4 16	3 43	15 25			n.a.
F 9	22 56	18 37	5 4	18 7	2 14	10 18	6 23	30 24	6 17	18 44	0 33	6 33	1 44	6 34	0 24	11 44	1 13	35 31	16 46	4 12	3 42	15 24			n.a.
S 10	23 3	16 49	4 53	18 24	1 57	10 19	6 22	30 26	6 19	18 42	0 33	6 36	1 44	6 35	0 24	11 44	1 13	35 30	16 46	4 9	3 41	15 23			n.a.
S 11	23 11	13 56	4 23	18 43	1 40	10 21	6 21	30 28	6 21	18 40	0 33	6 38	1 44	6 36	0 24	11 45	1 13	35 29	16 46	4 6	3 40	15 22			n.a.
M12	23 17	10 14	3 37	19 5	1 22	10 24	6 20	30 29	6 23	18 39	0 33	6 40	1 45	6 37	0 24	11 46	1 13	35 28	16 45	4 5	3 38	15 21			n.a.
T 13	23 24	6 1	2 38	19 28	1 5	10 28	6 18	30 30	6 24	18 37	0 33	6 42	1 45	6 38	0 24	11 46	1 13	35 27	16 45	4 4	3 37	15 19			n.a.
W14	23 30	1 34	1 30	19 52	0 49	10 33	6 16	30 31	6 25	18 36	0 33	6 44	1 45	6 39	0 24	11 47	1 13	35 26	16 44	4 4	3 36	15 18			n.a.
T 15	23 35	2s52	0 20	20 18	0 32	10 39	6 13	30 32	6 26	18 34	0 34	6 46	1 45	6 39	0 24	11 47	1 13	35 25	16 44	4 4	3 34	15 17			n.a.
F 16	23 40	7 6	0n51	20 45	0 17	10 46	6 10	30 33	6 27	18 32	0 34	6 48	1 45	6 40	0 24	11 48	1 14	35 24	16 43	4 4	3 33	15 16			n.a.
S 17	23 45	10 54	1 57	21 12	0 2	10 54	6 7	30 33	6 28	18 31	0 34	6 50	1 45	6 41	0 24	11 48	1 14	35 23	16 43	4 3	3 32	15 15			n.a.
S 18	23 49	14 7	2 56	21 39	0n12	11 2	6 4	30 33	6 28	18 29	0 34	6 52	1 45	6 42	0 24	11 49	1 14	35 22	16 43	4 1	3 31	15 13			n.a.
M19	23 53	16 38	3 46	22 6	0 25	11 12	6 0	30 33	6 29	18 28	0 34	6 54	1 45	6 43	0 24	11 50	1 14	35 21	16 42	3 58	3 29	15 12			n.a.
T 20	23 56	18 19	4 24	22 33	0 37	11 22	5 56	30 32	6 29	18 27	0 34	6 55	1 45	6 43	0 24	11 50	1 14	35 21	16 42	3 54	3 28	15 11			n.a.
W21	23 59	19 7	4 48	22 59	0 48	11 32	5 52	30 32	6 29	18 25	0 34	6 57	1 45	6 44	0 24	11 51	1 14	35 20	16 41	3 49	3 27	15 10			n.a.
T 22	24 1	19 1	5 0	23 24	0 59	11 44	5 48	30 31	6 28	18 24	0 34	6 59	1 45	6 45	0 24	11 51	1 14	35 19	16 41	3 44	3 25	15 8			n.a.
F 23	24 3	18 4	4 58	23 48	1 8	11 56	5 43	30 30	6 28	18 23	0 34	7 1	1 46	6 46	0 24	11 52	1 14	35 18	16 41	3 38	3 24	15 7			n.a.
S 24	24 5	16 19	4 42	24 10	1 16	12 8	5 39	30 28	6 27	18 22	0 34	7 2	1 46	6 46	0 24	11 52	1 14	35 17	16 40	3 33	3 23	15 6			n.a.
S 25	24 6	13 54	4 15	24 30	1 23	12 22	5 34	30 27	6 26	18 20	0 35	7 4	1 46	6 47	0 24	11 53	1 14	35 16	16 40	3 29	3 22	15 5			n.a.
M26	24 6	10 55	3 36	24 48	1 30	12 35	5 29	30 25	6 25	18 19	0 35	7 6	1 46	6 48	0 24	11 53	1 14	35 15	16 40	3 26	3 20	15 3			n.a.
T 27	24 7	7 30	2 48	25 5	1 35	12 49	5 24	30 23	6 24	18 18	0 35	7 7	1 46	6 48	0 24	11 54	1 14	35 14	16 39	3 24	3 19	15 2			n.a.
W28	24 6	3 44	1 53	25 19	1 40	13 4	5 18	30 21	6 23	18 17	0 35	7 9	1 46	6 49	0 24	11 54	1 14	35 13	16 39	3 23	3 18	15 1			n.a.
T 29	24 5	0n13	0 51	25 31	1 44	13 18	5 13	30 19	6 21	18 16	0 35	7 10	1 46	6 49	0 24	11 54	1 14	35 12	16 39	3 23	3 16	15 0			n.a.
F 30	24 4	4 16	0s15	25 41	1 47	13 34	5 7	30 16	6 20	18 15	0 35	7 12	1 46	6 50	0 24	11 55	1 14	35 11	16 38	3 23	3 15	14 58			n.a.
S 31	24n 3	8n14	1s21	25n49	1n49	13n49	5s 2	30s13	6s18	18s14	0s35	7n13	1s46	6n51	0s24	11n55	1s14	35n10	16n38	3s23	3s14	14s57			n.a.

Julian Day Number = 193398.5, Delta T = 32h23m45s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'47, Lahiri = -61°25'46 Julian Calendar 1 July 4184 BCE == Greg. Calendar 29 May 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

AUGUST 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 29 4	5♋ 8'00	6♉59	26♊20	22♉15	22°R55	17°R58	22♈13	17♈55	3♉39	6♌30	8°R16	7♎53	5♒52	n.a.	S 1
M 2	18 33 1	6° 7'28	20°39	28° 8	22°56	22♐39	17♏55	22°17	17°56	3°40	6°32	8♎11	7°49	5°59	n.a.	M 2
T 3	18 36 57	7° 6'58	4♊49	29°57	23°38	22°24	17°52	22°21	17°57	3°41	6°34	8° 4	7°46	6° 6	n.a.	T 3
W 4	18 40 54	8° 6'32	19°27	1♋44	24°21	22°10	17°50	22°24	17°58	3°43	6°36	7°54	7°43	6°12	n.a.	W 4
T 5	18 44 51	9° 6'07	4♋25	3°32	25° 5	21°56	17°47	22°28	18° 0	3°44	6°39	7°43	7°40	6°19	n.a.	T 5
F 6	18 48 47	10° 5'45	19°36	5°19	25°50	21°43	17°45	22°32	18° 1	3°45	6°41	7°31	7°37	6°26	n.a.	F 6
S 7	18 52 44	11° 5'25	4♌48	7° 6	26°35	21°30	17°43	22°35	18° 2	3°46	6°43	7°20	7°34	6°32	n.a.	S 7
S 8	18 56 40	12° 5'07	19°51	8°52	27°22	21°18	17°41	22°38	18° 3	3°47	6°45	7°12	7°30	6°39	n.a.	S 8
M 9	19 0 37	13° 4'51	4♍36	10°37	28°10	21° 7	17°40	22°42	18° 4	3°48	6°48	7° 7	7°27	6°46	n.a.	M 9
T 10	19 4 33	14° 4'37	18°58	12°22	28°59	20°57	17°38	22°45	18° 5	3°49	6°50	7° 4	7°24	6°52	n.a.	T 10
W11	19 8 30	15° 4'25	2♎55	14° 6	29°48	20°47	17°37	22°48	18° 6	3°50	6°52	7°D 3	7°21	6°59	n.a.	W11
T 12	19 12 26	16° 4'15	16°28	15°50	0♊38	20°38	17°36	22°51	18° 6	3°51	6°55	7°R 3	7°18	7° 6	n.a.	T 12
F 13	19 16 23	17° 4'07	29°39	17°33	1°29	20°30	17°35	22°53	18° 7	3°52	6°57	7° 3	7°15	7°13	n.a.	F 13
S 14	19 20 19	18° 4'00	12♏31	19°15	2°21	20°23	17°35	22°56	18° 8	3°53	6°59	7° 1	7°11	7°19	n.a.	S 14
S 15	19 24 16	19° 3'56	25° 8	20°56	3°13	20°17	17°34	22°59	18° 9	3°54	7° 2	6°56	7° 8	7°26	n.a.	S 15
M16	19 28 12	20° 3'54	7♐32	22°37	4° 6	20°11	17°D34	23° 1	18° 9	3°54	7° 4	6°48	7° 5	7°33	n.a.	M16
T 17	19 32 9	21° 3'54	19°47	24°17	5° 0	20° 6	17°34	23° 4	18°10	3°55	7° 6	6°38	7° 2	7°39	n.a.	T 17
W18	19 36 5	22° 3'55	1♑55	25°57	5°54	20° 2	17°34	23° 6	18°10	3°56	7° 9	6°25	6°59	7°46	n.a.	W18
T 19	19 40 2	23° 3'59	13°56	27°36	6°49	19°59	17°35	23° 8	18°11	3°57	7°11	6°12	6°55	7°53	n.a.	T 19
F 20	19 43 58	24° 4'05	25°52	29°14	7°45	19°57	17°35	23°10	18°11	3°57	7°13	5°58	6°52	8° 0	n.a.	F 20
S 21	19 47 55	25° 4'13	7♒45	0♌52	8°41	19°55	17°36	23°12	18°11	3°58	7°16	5°45	6°49	8° 6	n.a.	S 21
S 22	19 51 52	26° 4'23	19°35	2°29	9°38	19°54	17°37	23°14	18°12	3°59	7°18	5°35	6°46	8°13	n.a.	S 22
M23	19 55 48	27° 4'36	1♓25	4° 5	10°36	19°D54	17°38	23°16	18°12	3°59	7°21	5°27	6°43	8°20	n.a.	M23
T 24	19 59 45	28° 4'50	13°17	5°41	11°34	19°55	17°40	23°18	18°12	4° 0	7°23	5°22	6°40	8°26	n.a.	T 24
W25	20 3 41	29° 5'07	25°15	7°17	12°32	19°57	17°41	23°19	18°12	4° 0	7°26	5°19	6°36	8°33	n.a.	W25
T 26	20 7 38	0♌ 5'26	7♈22	8°51	13°31	19°59	17°43	23°21	18°12	4° 1	7°28	5°D19	6°33	8°40	n.a.	T 26
F 27	20 11 34	1° 5'47	19°44	10°26	14°30	20° 2	17°45	23°22	18°R12	4° 1	7°30	5°19	6°30	8°46	n.a.	F 27
S 28	20 15 31	2° 6'11	2♉24	12° 0	15°30	20° 6	17°47	23°23	18°12	4° 2	7°33	5°R20	6°27	8°53	n.a.	S 28
S 29	20 19 27	3° 6'36	15°29	13°33	16°31	20°11	17°50	23°24	18°12	4° 2	7°35	5°19	6°24	9° 0	n.a.	S 29
M30	20 23 24	4° 7'05	29° 1	15° 6	17°31	20°16	17°52	23°25	18°12	4° 2	7°38	5°16	6°21	9° 7	n.a.	M30
T 31	20 27 20	5♌ 7'35	13♊ 3	16♌39	18♊33	20♐22	17♏55	23♈26	18♈12	4♉ 3	7♌40	5♎11	6♎17	9♒13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 0	11n57	2s26	25n54	1n51	14n 5	4s56	30s10	6s16	18s13	0s35	7n15	1s46	6n51	0s24	11n56	1s14	35n10	16n38	3s22	3s13	14s56		n.a.
M 2	23 58	15 9	3 24	25 58	1 52	14 21	4 50	30 7	6 14	18 13	0 35	7 16	1 47	6 52	0 24	11 56	1 14	35 9	16 37	3 20	3 11	14 55		n.a.
T 3	23 55	17 34	4 12	25 59	1 52	14 37	4 44	30 4	6 12	18 12	0 35	7 18	1 47	6 52	0 24	11 57	1 14	35 8	16 37	3 17	3 10	14 53		n.a.
W 4	23 51	18 56	4 45	25 58	1 52	14 54	4 38	30 1	6 9	18 11	0 35	7 19	1 47	6 53	0 24	11 57	1 14	35 7	16 37	3 13	3 9	14 52		n.a.
T 5	23 47	19 2	5 0	25 55	1 51	15 10	4 32	29 57	6 7	18 11	0 35	7 20	1 47	6 53	0 24	11 57	1 14	35 6	16 37	3 8	3 7	14 51		n.a.
F 6	23 43	17 47	4 54	25 50	1 50	15 27	4 26	29 54	6 4	18 10	0 35	7 21	1 47	6 53	0 24	11 58	1 14	35 5	16 36	3 4	3 6	14 50		n.a.
S 7	23 38	15 17	4 27	25 43	1 48	15 44	4 20	29 50	6 1	18 10	0 36	7 23	1 47	6 54	0 24	11 58	1 14	35 4	16 36	3 0	3 5	14 48		n.a.
S 8	23 33	11 46	3 42	25 34	1 46	16 0	4 14	29 47	5 58	18 9	0 36	7 24	1 47	6 54	0 24	11 58	1 14	35 3	16 36	2 56	3 4	14 47		n.a.
M 9	23 27	7 35	2 43	25 23	1 43	16 17	4 8	29 43	5 55	18 9	0 36	7 25	1 47	6 55	0 24	11 59	1 14	35 2	16 36	2 54	3 2	14 46		n.a.
T 10	23 21	3 3	1 34	25 11	1 40	16 34	4 1	29 39	5 52	18 8	0 36	7 26	1 47	6 55	0 24	11 59	1 14	35 2	16 35	2 53	3 1	14 45		n.a.
W11	23 14	1s32	0 22	24 56	1 37	16 51	3 55	29 35	5 49	18 8	0 36	7 27	1 48	6 55	0 24	11 59	1 14	35 1	16 35	2 53	3 0	14 43		n.a.
T 12	23 7	5 53	0n50	24 41	1 33	17 8	3 49	29 31	5 46	18 8	0 36	7 28	1 48	6 56	0 24	12 0	1 14	35 0	16 35	2 53	2 58	14 42		n.a.
F 13	22 59	9 51	1 57	24 24	1 29	17 25	3 42	29 27	5 43	18 8	0 36	7 29	1 48	6 56	0 24	12 0	1 14	34 59	16 35	2 52	2 57	14 41		n.a.
S 14	22 51	13 14	2 56	24 5	1 25	17 41	3 36	29 23	5 39	18 8	0 36	7 30	1 48	6 56	0 24	12 0	1 14	34 58	16 34	2 51	2 56	14 39		n.a.
S 15	22 43	15 57	3 45	23 45	1 20	17 58	3 30	29 19	5 36	18 7	0 36	7 31	1 48	6 56	0 24	12 1	1 14	34 57	16 34	2 50	2 55	14 38		n.a.
M16	22 34	17 51	4 23	23 23	1 15	18 14	3 23	29 15	5 32	18 7	0 36	7 32	1 48	6 57	0 24	12 1	1 14	34 56	16 34	2 46	2 53	14 37		n.a.
T 17	22 24	18 55	4 48	23 1	1 10	18 30	3 17	29 12	5 29	18 7	0 36	7 32	1 48	6 57	0 24	12 1	1 14	34 56	16 34	2 42	2 52	14 36		n.a.
W18	22 15	19 6	5 0	22 37	1 5	18 46	3 10	29 8	5 25	18 8	0 36	7 33	1 48	6 57	0 24	12 1	1 14	34 55	16 34	2 37	2 51	14 34		n.a.
T 19	22 5	18 25	4 58	22 12	1 0	19 2	3 4	29 4	5 21	18 8	0 36	7 34	1 49	6 57	0 24	12 1	1 14	34 54	16 34	2 32	2 49	14 33		n.a.
F 20	21 54	16 56	4 43	21 46	0 54	19 18	2 58	29 0	5 18	18 8	0 36	7 34	1 49	6 57	0 24	12 2	1 14	34 53	16 33	2 26	2 48	14 32		n.a.
S 21	21 43	14 44	4 16	21 19	0 48	19 33	2 51	28 56	5 14	18 8	0 36	7 35	1 49	6 57	0 24	12 2	1 14	34 52	16 33	2 21	2 47	14 30		n.a.
S 22	21 32	11 55	3 38	20 51	0 42	19 48	2 45	28 52	5 10	18 9	0 36	7 36	1 49	6 58	0 24	12 2	1 14	34 51	16 33	2 17	2 46	14 29		n.a.
M23	21 20	8 38	2 50	20 22	0 36	20 3	2 39	28 49	5 7	18 9	0 36	7 36	1 49	6 58	0 24	12 2	1 14	34 51	16 33	2 13	2 44	14 28		n.a.
T 24	21 7	5 0	1 55	19 52	0 30	20 17	2 32	28 45	5 3	18 9	0 36	7 37	1 49	6 58	0 24	12 2	1 14	34 50	16 33	2 11	2 43	14 27		n.a.
W25	20 55	1 8	0 53	19 21	0 24	20 31	2 26	28 41	4 59	18 10	0 36	7 37	1 49	6 58	0 24	12 3	1 15	34 49	16 33	2 10	2 42	14 25		n.a.
T 26	20 42	2n50	0s11	18 50	0 18	20 45	2 20	28 38	4 55	18 10	0 36	7 38	1 49	6 58	0 24	12 3	1 15	34 48	16 33	2 10	2 40	14 24		n.a.
F 27	20 28	6 45	1 16	18 18	0 11	20 59	2 13	28 34	4 52	18 11	0 36	7 38	1 50	6 58	0 24	12 3	1 15	34 48	16 33	2 10	2 39	14 23		n.a.
S 28	20 15	10 28	2 20	17 45	0 5	21 11	2 7	28 31	4 48	18 12	0 37	7 38	1 50	6 58	0 24	12 3	1 15	34 47	16 33	2 10	2 38	14 21		n.a.
S 29	20 0	13 47	3 18	17 12	0s 2	21 24	2 1	28 27	4 44	18 12	0 37	7 39	1 50	6 58	0 24	12 3	1 15	34 46	16 33	2 10	2 36	14 20		n.a.
M30	19 46	16 30	4 7	16 38	0 8	21 36	1 55	28 24	4 40	18 13	0 37	7 39	1 50	6 58	0 24	12 3	1 15	34 45	16 33	2 9	2 35	14 19		n.a.
T 31	19n31	18n20	4s43	16n 3	0s15	21n48	1s49	28s21	4s37	18s14	0s37	7n39	1s50	6n58	0s24	12n 3	1s15	34n44	16n33	2s 7	2s34	14s17		n.a.

Julian Day Number = 193429.5, Delta T = 32h23m41s
Ecliptic obliquity = 24°06'46, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'43, Lahiri = -61°25'42 Julian Calendar 1 Aug. 4184 BCE == Greg. Calendar 29 June 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

SEPTEMBER 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 31 17	6♌ 8'07	27♊34	18♌11	19♊34	20♐29	17♏58	23♈27	18°R12	4♉ 3	7♌43	5°R 4	6♎14	9♒20	n.a.	W 1
T 2	20 35 13	7° 8'42	12♋30	19°42	20°36	20°36	18° 1	23°27	18♈11	4° 3	7°45	4♎55	6°11	9°27	n.a.	T 2
F 3	20 39 10	8° 9'19	27°43	21°13	21°39	20°45	18° 5	23°28	18°11	4° 4	7°48	4°46	6° 8	9°33	n.a.	F 3
S 4	20 43 7	9° 9'57	13♌ 3	22°44	22°42	20°53	18° 8	23°28	18°10	4° 4	7°50	4°37	6° 5	9°40	n.a.	S 4
S 5	20 47 3	10°10'37	28°18	24°14	23°45	21° 3	18°12	23°29	18°10	4° 4	7°52	4°31	6° 1	9°47	n.a.	S 5
M 6	20 51 0	11°11'19	13♍18	25°44	24°48	21°13	18°16	23°29	18° 9	4° 4	7°55	4°27	5°58	9°53	n.a.	M 6
T 7	20 54 56	12°12'03	27°55	27°14	25°52	21°24	18°20	23°R29	18° 9	4° 4	7°57	4°D25	5°55	10° 0	n.a.	T 7
W 8	20 58 53	13°12'47	12♎ 6	28°43	26°56	21°36	18°24	23°29	18° 8	4° 4	8° 0	4°25	5°52	10° 7	n.a.	W 8
T 9	21 2 49	14°13'34	25°48	0♍11	28° 1	21°48	18°29	23°29	18° 8	4°R 4	8° 2	4°26	5°49	10°14	n.a.	T 9
F 10	21 6 46	15°14'21	9♏ 4	1°39	29° 6	22° 1	18°33	23°28	18° 7	4° 4	8° 5	4°R27	5°46	10°20	n.a.	F 10
S 11	21 10 42	16°15'10	21°57	3° 6	0♋11	22°14	18°38	23°28	18° 6	4° 4	8° 7	4°27	5°42	10°27	n.a.	S 11
S 12	21 14 39	17°16'01	4♐31	4°33	1°16	22°28	18°43	23°27	18° 5	4° 4	8° 9	4°25	5°39	10°34	n.a.	S 12
M13	21 18 35	18°16'53	16°49	5°59	2°22	22°43	18°49	23°27	18° 4	4° 4	8°12	4°21	5°36	10°40	n.a.	M13
T 14	21 22 32	19°17'46	28°57	7°25	3°28	22°58	18°54	23°26	18° 3	4° 4	8°14	4°15	5°33	10°47	n.a.	T 14
W15	21 26 28	20°18'40	10♑56	8°49	4°34	23°14	19° 0	23°25	18° 2	4° 3	8°17	4° 8	5°30	10°54	n.a.	W15
T 16	21 30 25	21°19'36	22°51	10°13	5°41	23°30	19° 5	23°24	18° 1	4° 3	8°19	3°59	5°27	11° 0	n.a.	T 16
F 17	21 34 22	22°20'33	4♒42	11°36	6°47	23°47	19°11	23°23	18° 0	4° 3	8°22	3°51	5°23	11° 7	n.a.	F 17
S 18	21 38 18	23°21'31	16°34	12°58	7°54	24° 4	19°17	23°22	17°59	4° 3	8°24	3°43	5°20	11°14	n.a.	S 18
S 19	21 42 15	24°22'30	28°26	14°19	9° 2	24°22	19°23	23°21	17°58	4° 2	8°26	3°37	5°17	11°21	n.a.	S 19
M20	21 46 11	25°23'31	10♓20	15°38	10° 9	24°41	19°30	23°19	17°57	4° 2	8°29	3°32	5°14	11°27	n.a.	M20
T 21	21 50 8	26°24'34	22°19	16°56	11°17	24°59	19°36	23°18	17°55	4° 2	8°31	3°29	5°11	11°34	n.a.	T 21
W22	21 54 4	27°25'37	4♈24	18°13	12°25	25°19	19°43	23°16	17°54	4° 1	8°33	3°D29	5° 7	11°41	n.a.	W22
T 23	21 58 1	28°26'42	16°39	19°27	13°33	25°38	19°50	23°14	17°53	4° 1	8°36	3°29	5° 4	11°47	n.a.	T 23
F 24	22 1 57	29°27'49	29° 6	20°39	14°41	25°58	19°57	23°13	17°51	4° 0	8°38	3°31	5° 1	11°54	n.a.	F 24
S 25	22 5 54	0♍28'57	11♉49	21°49	15°50	26°19	20° 4	23°11	17°50	4° 0	8°40	3°33	4°58	12° 1	n.a.	S 25
S 26	22 9 51	1°30'06	24°51	22°56	16°59	26°40	20°12	23° 9	17°48	3°59	8°43	3°34	4°55	12° 7	n.a.	S 26
M27	22 13 47	2°31'17	8♊16	24° 0	18° 8	27° 1	20°19	23° 6	17°47	3°58	8°45	3°R34	4°52	12°14	n.a.	M27
T 28	22 17 44	3°32'29	22° 5	25° 0	19°17	27°23	20°27	23° 4	17°45	3°58	8°47	3°33	4°48	12°21	n.a.	T 28
W29	22 21 40	4°33'43	6♋20	25°55	20°26	27°45	20°35	23° 2	17°43	3°57	8°50	3°30	4°45	12°28	n.a.	W29
T 30	22 25 37	5♍34'57	20♋58	26♍46	21♋36	28♐ 8	20♏43	22♈59	17♈42	3♉56	8♌52	3♎26	4♎42	12♒34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n16	19n 3	5s 3	15n28	0s22	21n59	1s43	28s18	4s33	18s15	0s37	7n39	1s50	6n57	0s24	12n 3	1s15	34n44	16n32	2s 4	2s33	14s16		n.a.
T 2	19 0	18 29	5 3	14 53	0 28	22 10	1 37	28 15	4 29	18 16	0 37	7 39	1 50	6 57	0 24	12 3	1 15	34 43	16 32	2 0	2 31	14 15		n.a.
F 3	18 44	16 37	4 41	14 17	0 35	22 20	1 31	28 11	4 25	18 17	0 37	7 39	1 50	6 57	0 24	12 3	1 15	34 42	16 32	1 57	2 30	14 13		n.a.
S 4	18 28	13 33	4 0	13 40	0 41	22 30	1 25	28 8	4 22	18 18	0 37	7 40	1 51	6 57	0 24	12 3	1 15	34 42	16 32	1 53	2 29	14 12		n.a.
S 5	18 11	9 34	3 1	13 4	0 48	22 39	1 19	28 5	4 18	18 19	0 37	7 40	1 51	6 57	0 24	12 3	1 15	34 41	16 32	1 51	2 27	14 11		n.a.
M 6	17 54	5 2	1 51	12 27	0 55	22 47	1 13	28 3	4 14	18 20	0 37	7 39	1 51	6 57	0 24	12 3	1 15	34 40	16 32	1 49	2 26	14 9		n.a.
T 7	17 37	0 19	0 35	11 49	1 1	22 55	1 7	28 0	4 11	18 21	0 37	7 39	1 51	6 56	0 24	12 3	1 15	34 39	16 32	1 48	2 25	14 8		n.a.
W 8	17 19	4s17	0n41	11 12	1 8	23 3	1 2	27 57	4 7	18 23	0 37	7 39	1 51	6 56	0 24	12 3	1 15	34 39	16 33	1 48	2 24	14 7		n.a.
T 9	17 1	8 30	1 53	10 34	1 14	23 10	0 56	27 54	4 4	18 24	0 37	7 39	1 51	6 56	0 24	12 3	1 15	34 38	16 33	1 49	2 22	14 5		n.a.
F 10	16 43	12 9	2 56	9 57	1 20	23 16	0 51	27 51	4 0	18 25	0 37	7 39	1 51	6 55	0 24	12 3	1 15	34 37	16 33	1 49	2 21	14 4		n.a.
S 11	16 24	15 6	3 48	9 19	1 26	23 22	0 45	27 49	3 57	18 27	0 37	7 39	1 51	6 55	0 24	12 3	1 15	34 37	16 33	1 49	2 20	14 3		n.a.
S 12	16 6	17 15	4 28	8 41	1 32	23 27	0 40	27 46	3 53	18 28	0 37	7 38	1 52	6 55	0 24	12 3	1 15	34 36	16 33	1 48	2 18	14 1		n.a.
M13	15 46	18 33	4 54	8 3	1 38	23 31	0 34	27 44	3 50	18 30	0 37	7 38	1 52	6 54	0 24	12 3	1 15	34 35	16 33	1 47	2 17	14 0		n.a.
T 14	15 27	18 59	5 7	7 26	1 44	23 35	0 29	27 41	3 46	18 31	0 37	7 38	1 52	6 54	0 24	12 3	1 15	34 35	16 33	1 44	2 16	13 59		n.a.
W15	15 7	18 34	5 6	6 48	1 50	23 38	0 24	27 39	3 43	18 33	0 37	7 37	1 52	6 54	0 24	12 3	1 15	34 34	16 33	1 41	2 15	13 57		n.a.
T 16	14 47	17 19	4 52	6 11	1 55	23 41	0 19	27 36	3 39	18 35	0 37	7 37	1 52	6 53	0 24	12 3	1 15	34 34	16 33	1 38	2 13	13 56		n.a.
F 17	14 27	15 20	4 26	5 34	2 0	23 42	0 14	27 34	3 36	18 36	0 37	7 36	1 52	6 53	0 24	12 3	1 15	34 33	16 33	1 34	2 12	13 55		n.a.
S 18	14 7	12 43	3 47	4 58	2 5	23 44	0 9	27 31	3 33	18 38	0 37	7 36	1 52	6 52	0 24	12 3	1 15	34 32	16 33	1 31	2 11	13 53		n.a.
S 19	13 46	9 34	2 59	4 22	2 9	23 44	0 4	27 29	3 30	18 40	0 37	7 35	1 52	6 52	0 24	12 3	1 15	34 32	16 33	1 28	2 9	13 52		n.a.
M20	13 25	6 1	2 3	3 46	2 14	23 44	0n 1	27 26	3 26	18 42	0 37	7 34	1 52	6 51	0 24	12 2	1 15	34 31	16 34	1 27	2 8	13 51		n.a.
T 21	13 4	2 13	1 1	3 12	2 18	23 43	0 6	27 24	3 23	18 43	0 37	7 34	1 53	6 51	0 24	12 2	1 15	34 31	16 34	1 26	2 7	13 49		n.a.
W22	12 42	1n43	0s 5	2 38	2 21	23 41	0 11	27 22	3 20	18 45	0 37	7 33	1 53	6 50	0 24	12 2	1 15	34 30	16 34	1 25	2 5	13 48		n.a.
T 23	12 21	5 38	1 11	2 5	2 24	23 39	0 15	27 19	3 17	18 47	0 37	7 32	1 53	6 50	0 24	12 2	1 15	34 30	16 34	1 26	2 4	13 46		n.a.
F 24	11 59	9 21	2 16	1 34	2 27	23 36	0 20	27 17	3 14	18 49	0 37	7 32	1 53	6 49	0 24	12 2	1 15	34 29	16 34	1 26	2 3	13 45		n.a.
S 25	11 37	12 44	3 15	1 4	2 29	23 32	0 24	27 14	3 11	18 51	0 37	7 31	1 53	6 49	0 24	12 1	1 15	34 29	16 34	1 27	2 2	13 44		n.a.
S 26	11 14	15 33	4 5	0 36	2 30	23 28	0 28	27 12	3 8	18 53	0 37	7 30	1 53	6 48	0 24	12 1	1 15	34 28	16 35	1 27	2 0	13 42		n.a.
M27	10 52	17 38	4 44	0 9	2 31	23 23	0 32	27 10	3 5	18 55	0 37	7 29	1 53	6 47	0 24	12 1	1 16	34 28	16 35	1 27	1 59	13 41		n.a.
T 28	10 29	18 45	5 8	0s15	2 31	23 17	0 37	27 7	3 2	18 58	0 37	7 28	1 53	6 47	0 24	12 1	1 16	34 27	16 35	1 27	1 58	13 40		n.a.
W29	10 6	18 44	5 13	0 37	2 30	23 11	0 41	27 5	2 59	19 0	0 37	7 27	1 53	6 46	0 24	12 0	1 16	34 27	16 35	1 26	1 56	13 38		n.a.
T 30	9n43	17n30	4s59	0s56	2s28	23n 3	0n45	27s 2	2s56	19s 2	0s37	7n26	1s53	6n45	0s24	12n 0	1s16	34n26	16n35	1s24	1s55	13s37		n.a.

Julian Day Number = 193460.5, Delta T = 32h23m38s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'39, Lahiri = -61°25'38 Julian Calendar 1 Sept. 4184 BCE == Greg. Calendar 30 July 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

OCTOBER 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 29 33	6♍36'13	5♌55	27♍31	22♋46	28♐31	20♏51	22°R57	17°R40	3°R56	8♌54	3°R22	4♎39	12♒41	n.a.	F 1
S 2	22 33 30	7°37'30	21° 3	28°10	23°56	28°54	20°59	22♈54	17♈38	3♉55	8°56	3♎19	4°36	12°48	n.a.	S 2
S 3	22 37 26	8°38'48	6♍12	28°43	25° 6	29°18	21° 8	22°51	17°36	3°54	8°58	3°16	4°32	12°54	n.a.	S 3
M 4	22 41 23	9°40'07	21°12	29° 7	26°16	29°42	21°16	22°48	17°34	3°53	9° 1	3°14	4°29	13° 1	n.a.	M 4
T 5	22 45 20	10°41'26	5♎56	29°22	27°26	0♑ 6	21°25	22°46	17°32	3°52	9° 3	3°D14	4°26	13° 8	n.a.	T 5
W 6	22 49 16	11°42'46	20°16	29°R28	28°37	0°31	21°34	22°42	17°31	3°52	9° 5	3°14	4°23	13°14	n.a.	W 6
T 7	22 53 13	12°44'06	4♏10	29°24	29°47	0°56	21°43	22°39	17°29	3°51	9° 7	3°16	4°20	13°21	n.a.	T 7
F 8	22 57 9	13°45'27	17°36	29° 9	0♌58	1°21	21°52	22°36	17°27	3°50	9° 9	3°17	4°17	13°28	n.a.	F 8
S 9	23 1 6	14°46'49	0♐36	28°42	2° 9	1°47	22° 1	22°33	17°24	3°49	9°11	3°18	4°13	13°34	n.a.	S 9
S 10	23 5 2	15°48'10	13°15	28° 4	3°20	2°13	22°10	22°29	17°22	3°48	9°13	3°R19	4°10	13°41	n.a.	S 10
M11	23 8 59	16°49'32	25°35	27°15	4°31	2°39	22°20	22°26	17°20	3°47	9°15	3°19	4° 7	13°48	n.a.	M11
T 12	23 12 56	17°50'54	7♑41	26°15	5°42	3° 6	22°29	22°22	17°18	3°46	9°17	3°18	4° 4	13°55	n.a.	T 12
W13	23 16 52	18°52'16	19°38	25° 7	6°54	3°33	22°39	22°19	17°16	3°45	9°20	3°16	4° 1	14° 1	n.a.	W13
T 14	23 20 49	19°53'39	1♒29	23°51	8° 5	4° 0	22°49	22°15	17°14	3°44	9°22	3°14	3°58	14° 8	n.a.	T 14
F 15	23 24 45	20°55'01	13°19	22°31	9°17	4°27	22°59	22°11	17°12	3°42	9°23	3°12	3°54	14°15	n.a.	F 15
S 16	23 28 42	21°56'24	25°10	21° 8	10°29	4°55	23° 9	22° 7	17° 9	3°41	9°25	3°10	3°51	14°21	n.a.	S 16
S 17	23 32 38	22°57'47	7♓ 6	19°46	11°40	5°23	23°19	22° 3	17° 7	3°40	9°27	3° 9	3°48	14°28	n.a.	S 17
M18	23 36 35	23°59'10	19° 8	18°28	12°52	5°51	23°30	21°59	17° 5	3°39	9°29	3° 8	3°45	14°35	n.a.	M18
T 19	23 40 31	25° 0'33	1♈18	17°15	14° 4	6°19	23°40	21°55	17° 2	3°38	9°31	3°D 8	3°42	14°41	n.a.	T 19
W20	23 44 28	26° 1'56	13°38	16°11	15°16	6°48	23°51	21°51	17° 0	3°36	9°33	3° 8	3°38	14°48	n.a.	W20
T 21	23 48 25	27° 3'20	26° 9	15°15	16°29	7°17	24° 1	21°47	16°58	3°35	9°35	3° 8	3°35	14°55	n.a.	T 21
F 22	23 52 21	28° 4'43	8♉51	14°30	17°41	7°46	24°12	21°42	16°55	3°34	9°37	3° 9	3°32	15° 1	n.a.	F 22
S 23	23 56 18	29° 6'07	21°48	13°56	18°53	8°15	24°23	21°38	16°53	3°32	9°38	3° 9	3°29	15° 8	n.a.	S 23
S 24	0 0 14	0♎ 7'31	4♊59	13°32	20° 6	8°44	24°34	21°34	16°50	3°31	9°40	3°10	3°26	15°15	n.a.	S 24
M25	0 4 11	1° 8'56	18°27	13°19	21°18	9°14	24°45	21°29	16°48	3°30	9°42	3°10	3°23	15°22	n.a.	M25
T 26	0 8 8	2°10'21	2♋11	13°D15	22°31	9°44	24°56	21°25	16°45	3°28	9°44	3°R10	3°19	15°28	n.a.	T 26
W27	0 12 4	3°11'45	16°13	13°21	23°44	10°14	25° 8	21°20	16°43	3°27	9°45	3°D10	3°16	15°35	n.a.	W27
T 28	0 16 1	4°13'10	0♌31	13°36	24°56	10°44	25°19	21°15	16°40	3°26	9°47	3°10	3°13	15°42	n.a.	T 28
F 29	0 19 57	5°14'35	15° 3	13°58	26° 9	11°14	25°30	21°11	16°38	3°24	9°49	3°10	3°10	15°48	n.a.	F 29
S 30	0 23 54	6°16'00	29°44	14°28	27°22	11°45	25°42	21° 6	16°35	3°23	9°50	3°10	3° 7	15°55	n.a.	S 30
S 31	0 27 50	7♎17'24	14♍30	15♍ 3	28♌35	12♑15	25♏54	21♈ 1	16♈33	3♉21	9♌52	3♎11	3♎ 3	16♒ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n20	15n 3	4s25	1s12	2s25	22n56	0n48	27s 0	2s53	19s 4	0s37	7n25	1s53	6n45	0s24	12n 0	1s16	34n26	16n36	1s23	1s54	13s36		n.a.
S 2	8 57	11 33	3 32	1 25	2 22	22 47	0 52	26 57	2 50	19 6	0 37	7 24	1 54	6 44	0 24	12 0	1 16	34 25	16 36	1 21	1 53	13 34		n.a.
S 3	8 33	7 17	2 23	1 33	2 16	22 38	0 56	26 54	2 48	19 9	0 37	7 23	1 54	6 43	0 24	11 59	1 16	34 25	16 36	1 20	1 51	13 33		n.a.
M 4	8 10	2 35	1 6	1 37	2 10	22 28	0 59	26 52	2 45	19 11	0 38	7 22	1 54	6 43	0 24	11 59	1 16	34 25	16 36	1 19	1 50	13 31		n.a.
T 5	7 46	2s12	0n15	1 36	2 2	22 17	1 3	26 49	2 42	19 14	0 38	7 20	1 54	6 42	0 25	11 59	1 16	34 24	16 37	1 19	1 49	13 30		n.a.
W 6	7 22	6 43	1 33	1 30	1 53	22 6	1 6	26 46	2 40	19 16	0 38	7 19	1 54	6 41	0 25	11 58	1 16	34 24	16 37	1 19	1 47	13 29		n.a.
T 7	6 58	10 43	2 43	1 18	1 42	21 54	1 9	26 44	2 37	19 18	0 38	7 18	1 54	6 40	0 25	11 58	1 16	34 23	16 37	1 20	1 46	13 27		n.a.
F 8	6 34	14 1	3 41	1 0	1 29	21 41	1 12	26 41	2 34	19 21	0 38	7 17	1 54	6 39	0 25	11 58	1 16	34 23	16 38	1 21	1 45	13 26		n.a.
S 9	6 9	16 31	4 27	0 36	1 14	21 28	1 16	26 38	2 32	19 23	0 38	7 15	1 54	6 39	0 25	11 57	1 16	34 23	16 38	1 21	1 43	13 24		n.a.
S 10	5 45	18 7	4 57	0 6	0 58	21 14	1 18	26 35	2 29	19 26	0 38	7 14	1 54	6 38	0 25	11 57	1 16	34 22	16 38	1 21	1 42	13 23		n.a.
M11	5 21	18 49	5 14	0n30	0 41	20 59	1 21	26 32	2 27	19 28	0 38	7 13	1 54	6 37	0 25	11 57	1 16	34 22	16 39	1 21	1 41	13 22		n.a.
T 12	4 56	18 38	5 16	1 12	0 22	20 44	1 24	26 29	2 24	19 31	0 38	7 11	1 54	6 36	0 25	11 56	1 16	34 22	16 39	1 21	1 40	13 20		n.a.
W13	4 31	17 37	5 4	1 58	0 2	20 28	1 27	26 26	2 22	19 34	0 38	7 10	1 54	6 35	0 25	11 56	1 16	34 21	16 39	1 20	1 38	13 19		n.a.
T 14	4 7	15 51	4 39	2 47	0n18	20 11	1 29	26 22	2 19	19 36	0 38	7 8	1 54	6 34	0 25	11 55	1 16	34 21	16 40	1 19	1 37	13 17		n.a.
F 15	3 42	13 26	4 2	3 39	0 39	19 54	1 32	26 19	2 17	19 39	0 38	7 7	1 54	6 34	0 25	11 55	1 16	34 21	16 40	1 18	1 36	13 16		n.a.
S 16	3 17	10 26	3 15	4 30	0 59	19 37	1 34	26 16	2 15	19 41	0 38	7 5	1 54	6 33	0 25	11 55	1 16	34 21	16 40	1 18	1 34	13 15		n.a.
S 17	2 52	7 0	2 20	5 21	1 18	19 18	1 36	26 12	2 12	19 44	0 38	7 4	1 54	6 32	0 25	11 54	1 16	34 20	16 41	1 17	1 33	13 13		n.a.
M18	2 27	3 14	1 17	6 9	1 36	18 59	1 38	26 9	2 10	19 47	0 38	7 2	1 54	6 31	0 25	11 54	1 16	34 20	16 41	1 17	1 32	13 12		n.a.
T 19	2 2	0n41	0 10	6 53	1 52	18 40	1 40	26 5	2 8	19 50	0 38	7 1	1 54	6 30	0 25	11 53	1 16	34 20	16 41	1 17	1 30	13 10		n.a.
W20	1 37	4 38	0s58	7 32	2 6	18 20	1 42	26 1	2 6	19 52	0 38	6 59	1 54	6 29	0 25	11 53	1 16	34 20	16 42	1 17	1 29	13 9		n.a.
T 21	1 12	8 27	2 5	8 5	2 19	17 59	1 44	25 58	2 3	19 55	0 38	6 57	1 54	6 28	0 25	11 52	1 16	34 20	16 42	1 17	1 28	13 8		n.a.
F 22	0 47	11 55	3 6	8 33	2 29	17 38	1 46	25 54	2 1	19 58	0 38	6 56	1 54	6 27	0 25	11 52	1 16	34 19	16 43	1 17	1 27	13 6		n.a.
S 23	0 22	14 53	3 59	8 54	2 37	17 17	1 47	25 50	1 59	20 1	0 38	6 54	1 54	6 26	0 25	11 52	1 16	34 19	16 43	1 17	1 25	13 5		n.a.
S 24	0s 3	17 8	4 40	9 9	2 43	16 54	1 49	25 46	1 57	20 3	0 38	6 52	1 54	6 25	0 25	11 51	1 16	34 19	16 43	1 17	1 24	13 3		n.a.
M25	0 28	18 29	5 8	9 18	2 48	16 32	1 50	25 41	1 55	20 6	0 38	6 51	1 54	6 24	0 24	11 51	1 16	34 19	16 44	1 17	1 23	13 2		n.a.
T 26	0 53	18 48	5 18	9 22	2 51	16 9	1 51	25 37	1 53	20 9	0 38	6 49	1 54	6 23	0 24	11 50	1 16	34 19	16 44	1 18	1 21	13 0		n.a.
W27	1 18	17 58	5 10	9 21	2 52	15 45	1 53	25 33	1 51	20 12	0 38	6 47	1 54	6 22	0 24	11 50	1 16	34 19	16 45	1 18	1 20	12 59		n.a.
T 28	1 43	16 1	4 43	9 16	2 52	15 21	1 54	25 28	1 49	20 15	0 38	6 45	1 54	6 21	0 24	11 49	1 16	34 19	16 45	1 18	1 19	12 58		n.a.
F 29	2 8	13 0	3 57	9 6	2 51	14 57	1 55	25 24	1 47	20 18	0 38	6 44	1 54	6 20	0 24	11 49	1 16	34 19	16 46	1 18	1 18	12 56		n.a.
S 30	2 33	9 9	2 56	8 52	2 49	14 32	1 56	25 19	1 45	20 21	0 38	6 42	1 54	6 19	0 24	11 48	1 16	34 19	16 46	1 18	1 16	12 55		n.a.
S 31	2s58	4n42	1s42	8n35	2n46	14n 6	1n56	25s14	1s43	20s24	0s38	6n40	1s54	6n18	0s24	11n48	1s16	34n19	16n46	1s18	1s15	12s53		n.a.

Julian Day Number = 193490.5, Delta T = 32h23m35s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'35, Lahiri = -61°25'34 Julian Calendar 1 Oct. 4184 BCE == Greg. Calendar 29 Aug. 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

NOVEMBER 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 31 47	8♎18'49	29♍12	15♍45	29♌48	12♏46	26♏ 5	20°R57	16°R30	3°R20	9♌53	3°R11	3♎ 0	16♒ 8	n.a.	M 1
T 2	0 35 44	9°20'13	13♎44	16°32	1♍ 1	13°17	26°17	20♈52	16♈28	3♉18	9°55	3♎11	2°57	16°15	n.a.	T 2
W 3	0 39 40	10°21'36	28° 0	17°23	2°14	13°49	26°29	20°47	16°25	3°17	9°56	3°10	2°54	16°22	n.a.	W 3
T 4	0 43 37	11°22'59	11♏54	18°18	3°27	14°20	26°41	20°42	16°22	3°15	9°58	3° 9	2°51	16°28	n.a.	T 4
F 5	0 47 33	12°24'21	25°26	19°17	4°41	14°51	26°53	20°37	16°20	3°14	9°59	3° 8	2°48	16°35	n.a.	F 5
S 6	0 51 30	13°25'43	8♐33	20°19	5°54	15°23	27° 6	20°32	16°17	3°12	10° 1	3° 7	2°44	16°42	n.a.	S 6
S 7	0 55 26	14°27'04	21°17	21°24	7° 7	15°55	27°18	20°27	16°15	3°10	10° 2	3° 6	2°41	16°48	n.a.	S 7
M 8	0 59 23	15°28'23	3♑42	22°31	8°20	16°27	27°30	20°22	16°12	3° 9	10° 3	3° 5	2°38	16°55	n.a.	M 8
T 9	1 3 20	16°29'42	15°51	23°41	9°34	16°59	27°43	20°17	16° 9	3° 7	10° 4	3°D 4	2°35	17° 2	n.a.	T 9
W10	1 7 16	17°31'00	27°49	24°53	10°47	17°31	27°55	20°12	16° 7	3° 6	10° 6	3° 5	2°32	17° 9	n.a.	W10
T 11	1 11 13	18°32'17	9♒40	26° 7	12° 1	18° 4	28° 8	20° 7	16° 4	3° 4	10° 7	3° 6	2°29	17°15	n.a.	T 11
F 12	1 15 9	19°33'32	21°30	27°22	13°14	18°36	28°20	20° 2	16° 2	3° 2	10° 8	3° 7	2°25	17°22	n.a.	F 12
S 13	1 19 6	20°34'47	3♓22	28°39	14°28	19° 9	28°33	19°58	15°59	3° 1	10° 9	3° 9	2°22	17°29	n.a.	S 13
S 14	1 23 2	21°36'00	15°22	29°57	15°41	19°42	28°46	19°53	15°56	2°59	10°10	3°10	2°19	17°35	n.a.	S 14
M15	1 26 59	22°37'12	27°31	1♎17	16°55	20°14	28°59	19°48	15°54	2°57	10°12	3°R11	2°16	17°42	n.a.	M15
T 16	1 30 56	23°38'23	9♈53	2°37	18° 8	20°47	29°12	19°43	15°51	2°56	10°13	3°11	2°13	17°49	n.a.	T 16
W17	1 34 52	24°39'33	22°30	3°59	19°22	21°21	29°25	19°38	15°49	2°54	10°14	3°10	2° 9	17°55	n.a.	W17
T 18	1 38 49	25°40'42	5♉21	5°22	20°36	21°54	29°38	19°33	15°46	2°52	10°15	3° 7	2° 6	18° 2	n.a.	T 18
F 19	1 42 45	26°41'50	18°27	6°46	21°49	22°27	29°51	19°28	15°44	2°51	10°16	3° 4	2° 3	18° 9	n.a.	F 19
S 20	1 46 42	27°42'57	1♊48	8°10	23° 3	23° 0	0♐ 4	19°23	15°41	2°49	10°16	3° 0	2° 0	18°15	n.a.	S 20
S 21	1 50 38	28°44'03	15°21	9°36	24°17	23°34	0°17	19°18	15°39	2°47	10°17	2°56	1°57	18°22	n.a.	S 21
M22	1 54 35	29°45'08	29° 5	11° 2	25°30	24° 7	0°30	19°13	15°36	2°46	10°18	2°53	1°54	18°29	n.a.	M22
T 23	1 58 32	0♏46'12	12♋58	12°29	26°44	24°41	0°44	19° 8	15°34	2°44	10°19	2°50	1°50	18°35	n.a.	T 23
W24	2 2 28	1°47'15	26°59	13°57	27°58	25°15	0°57	19° 4	15°31	2°42	10°20	2°D49	1°47	18°42	n.a.	W24
T 25	2 6 25	2°48'17	11♌ 7	15°26	29°12	25°49	1°10	18°59	15°29	2°41	10°21	2°49	1°44	18°49	n.a.	T 25
F 26	2 10 21	3°49'18	25°19	16°55	0♎25	26°23	1°24	18°54	15°26	2°39	10°21	2°50	1°41	18°55	n.a.	F 26
S 27	2 14 18	4°50'17	9♍35	18°26	1°39	26°57	1°37	18°49	15°24	2°37	10°22	2°52	1°38	19° 2	n.a.	S 27
S 28	2 18 15	5°51'16	23°51	19°56	2°53	27°31	1°51	18°45	15°21	2°35	10°23	2°53	1°34	19° 9	n.a.	S 28
M29	2 22 11	6°52'13	8♎ 4	21°28	4° 7	28° 5	2° 5	18°40	15°19	2°34	10°23	2°R53	1°31	19°16	n.a.	M29
T 30	2 26 8	7♏53'09	22♎11	23♎ 0	5♎21	28♏39	2♐18	18♈35	15♈17	2♉32	10♌24	2♎52	1♎28	19♒22	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3 s23	0 s 0	0 s22	8n15	2n42	13n41	1n57	25 s 9	1 s41	20 s26	0 s38	6n38	1 s54	6n17	0 s24	11n47	1 s16	34n19	16n47	1 s18	1 s14	12 s52		n.a.
T 2	3 48	4 40	0n58	7 53	2 38	13 14	1 58	25 4	1 39	20 29	0 38	6 36	1 54	6 16	0 24	11 46	1 16	34 19	16 47	1 18	1 12	12 50		n.a.
W 3	4 13	8 59	2 14	7 28	2 33	12 48	1 58	24 59	1 37	20 32	0 39	6 35	1 54	6 15	0 24	11 46	1 16	34 19	16 48	1 18	1 11	12 49		n.a.
T 4	4 37	12 41	3 19	7 0	2 28	12 21	1 58	24 54	1 35	20 35	0 39	6 33	1 54	6 14	0 24	11 45	1 16	34 19	16 48	1 17	1 10	12 47		n.a.
F 5	5 2	15 36	4 11	6 31	2 22	11 54	1 59	24 48	1 33	20 38	0 39	6 31	1 54	6 13	0 24	11 45	1 16	34 19	16 49	1 17	1 8	12 46		n.a.
S 6	5 27	17 36	4 49	6 1	2 16	11 26	1 59	24 43	1 31	20 41	0 39	6 29	1 54	6 12	0 24	11 44	1 16	34 19	16 49	1 16	1 7	12 45		n.a.
S 7	5 51	18 39	5 11	5 29	2 10	10 58	1 59	24 37	1 30	20 44	0 39	6 27	1 54	6 11	0 24	11 44	1 16	34 19	16 50	1 16	1 6	12 43		n.a.
M 8	6 15	18 47	5 17	4 55	2 3	10 30	1 59	24 31	1 28	20 47	0 39	6 25	1 54	6 10	0 24	11 43	1 16	34 19	16 50	1 15	1 5	12 42		n.a.
T 9	6 40	18 1	5 9	4 20	1 56	10 2	1 59	24 25	1 26	20 50	0 39	6 24	1 54	6 9	0 24	11 43	1 16	34 19	16 51	1 15	1 3	12 40		n.a.
W10	7 4	16 29	4 48	3 45	1 49	9 33	1 59	24 19	1 24	20 53	0 39	6 22	1 54	6 8	0 24	11 42	1 16	34 19	16 51	1 15	1 2	12 39		n.a.
T 11	7 28	14 14	4 15	3 8	1 42	9 4	1 59	24 13	1 23	20 56	0 39	6 20	1 54	6 7	0 24	11 41	1 16	34 19	16 52	1 16	1 1	12 37		n.a.
F 12	7 52	11 25	3 31	2 31	1 34	8 35	1 58	24 7	1 21	20 59	0 39	6 18	1 54	6 6	0 24	11 41	1 16	34 19	16 52	1 16	0 59	12 36		n.a.
S 13	8 15	8 7	2 38	1 52	1 27	8 5	1 58	24 1	1 19	21 2	0 39	6 16	1 54	6 5	0 24	11 40	1 16	34 19	16 53	1 17	0 58	12 34		n.a.
S 14	8 39	4 27	1 37	1 14	1 19	7 35	1 57	23 54	1 18	21 5	0 39	6 14	1 53	6 4	0 24	11 40	1 16	34 19	16 53	1 18	0 57	12 33		n.a.
M15	9 2	0 32	0 31	0 34	1 12	7 5	1 57	23 47	1 16	21 8	0 39	6 13	1 53	6 3	0 24	11 39	1 16	34 20	16 54	1 18	0 55	12 31		n.a.
T 16	9 26	3n28	0 s37	0 s 5	1 4	6 35	1 56	23 41	1 14	21 11	0 39	6 11	1 53	6 2	0 24	11 39	1 16	34 20	16 54	1 18	0 54	12 30		n.a.
W17	9 49	7 23	1 45	0 46	0 57	6 5	1 55	23 34	1 13	21 14	0 39	6 9	1 53	6 1	0 24	11 38	1 16	34 20	16 55	1 17	0 53	12 29		n.a.
T 18	10 12	11 2	2 48	1 26	0 49	5 34	1 54	23 27	1 11	21 17	0 39	6 7	1 53	6 0	0 24	11 37	1 16	34 20	16 56	1 17	0 52	12 27		n.a.
F 19	10 35	14 13	3 44	2 7	0 42	5 4	1 53	23 20	1 10	21 20	0 39	6 5	1 53	5 59	0 24	11 37	1 16	34 20	16 56	1 15	0 50	12 26		n.a.
S 20	10 57	16 43	4 29	2 48	0 34	4 33	1 52	23 12	1 8	21 22	0 39	6 4	1 53	5 58	0 24	11 36	1 16	34 21	16 57	1 14	0 49	12 24		n.a.
S 21	11 20	18 19	4 59	3 30	0 27	4 2	1 51	23 5	1 7	21 25	0 39	6 2	1 53	5 57	0 24	11 36	1 16	34 21	16 57	1 12	0 48	12 23		n.a.
M22	11 42	18 53	5 13	4 11	0 20	3 31	1 50	22 58	1 5	21 28	0 39	6 0	1 53	5 56	0 24	11 35	1 16	34 21	16 58	1 11	0 46	12 21		n.a.
T 23	12 4	18 20	5 9	4 53	0 12	3 0	1 49	22 50	1 4	21 31	0 40	5 58	1 52	5 55	0 24	11 35	1 16	34 21	16 58	1 10	0 45	12 20		n.a.
W24	12 26	16 40	4 47	5 35	0 5	2 28	1 48	22 42	1 2	21 34	0 40	5 57	1 52	5 54	0 24	11 34	1 16	34 22	16 59	1 9	0 44	12 18		n.a.
T 25	12 47	13 59	4 7	6 16	0 s 2	1 57	1 46	22 34	1 1	21 37	0 40	5 55	1 52	5 53	0 24	11 33	1 16	34 22	16 59	1 9	0 42	12 17		n.a.
F 26	13 9	10 27	3 11	6 58	0 9	1 25	1 45	22 26	0 59	21 40	0 40	5 53	1 52	5 52	0 24	11 33	1 16	34 22	17 0	1 10	0 41	12 15		n.a.
S 27	13 30	6 17	2 4	7 40	0 16	0 54	1 43	22 18	0 58	21 43	0 40	5 51	1 52	5 51	0 24	11 32	1 16	34 23	17 0	1 10	0 40	12 14		n.a.
S 28	13 51	1 45	0 49	8 21	0 22	0 22	1 42	22 10	0 56	21 46	0 40	5 50	1 52	5 51	0 24	11 32	1 16	34 23	17 1	1 11	0 39	12 12		n.a.
M29	14 11	2 s51	0n28	9 3	0 29	0 s 9	1 40	22 2	0 55	21 49	0 40	5 48	1 52	5 50	0 24	11 31	1 16	34 23	17 2	1 11	0 37	12 11		n.a.
T 30	14 s32	7 s17	1n44	9 s44	0 s36	0 s41	1n39	21 s53	0 s54	21 s52	0 s40	5n47	1 s51	5n49	0 s24	11n30	1 s16	34n24	17n 2	1 s10	0 s36	12 s 9		n.a.

Julian Day Number = 193521.5, Delta T = 32h23m32s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'30, Lahiri = -61°25'30 Julian Calendar 1 Nov. 4184 BCE == Greg. Calendar 29 Sept. 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4184 BCE
geocentric

DECEMBER 4184 BCE (-4183) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 30 4	8♏54'04	6♏ 7	24♎33	6♎34	29♑14	2♐32	18°R31	15°R14	2°R30	10♌24	2°R49	1♎25	19♒29	n.a.	W 1
T 2	2 34 1	9°54'57	19°49	26° 7	7°48	29°48	2°46	18♈27	15♈12	2♉29	10°25	2♎43	1°22	19°36	n.a.	T 2
F 3	2 37 57	10°55'48	3♐13	27°42	9° 2	0♒23	2°59	18°22	15°10	2°27	10°25	2°37	1°19	19°42	n.a.	F 3
S 4	2 41 54	11°56'38	16°17	29°17	10°16	0°57	3°13	18°18	15° 7	2°25	10°26	2°30	1°15	19°49	n.a.	S 4
S 5	2 45 50	12°57'26	29° 2	0♏53	11°30	1°32	3°27	18°13	15° 5	2°24	10°26	2°23	1°12	19°56	n.a.	S 5
M 6	2 49 47	13°58'12	11♑29	2°29	12°44	2° 6	3°41	18° 9	15° 3	2°22	10°26	2°17	1° 9	20° 2	n.a.	M 6
T 7	2 53 44	14°58'56	23°40	4° 7	13°57	2°41	3°55	18° 5	15° 1	2°20	10°27	2°13	1° 6	20° 9	n.a.	T 7
W 8	2 57 40	15°59'38	5♒39	5°45	15°11	3°16	4° 9	18° 1	14°59	2°19	10°27	2°10	1° 3	20°16	n.a.	W 8
T 9	3 1 37	17° 0'18	17°30	7°24	16°25	3°51	4°23	17°57	14°57	2°17	10°27	2°D 9	1° 0	20°22	n.a.	T 9
F 10	3 5 33	18° 0'56	29°20	9° 4	17°39	4°26	4°37	17°53	14°55	2°15	10°27	2°10	0°56	20°29	n.a.	F 10
S 11	3 9 30	19° 1'32	11♓12	10°45	18°53	5° 1	4°51	17°49	14°53	2°14	10°28	2°12	0°53	20°36	n.a.	S 11
S 12	3 13 26	20° 2'06	23°13	12°26	20° 7	5°36	5° 5	17°45	14°51	2°12	10°28	2°13	0°50	20°42	n.a.	S 12
M13	3 17 23	21° 2'37	5♈27	14° 9	21°20	6°11	5°19	17°42	14°49	2°11	10°28	2°R13	0°47	20°49	n.a.	M13
T 14	3 21 20	22° 3'07	17°57	15°52	22°34	6°46	5°33	17°38	14°47	2° 9	10°28	2°12	0°44	20°56	n.a.	T 14
W15	3 25 16	23° 3'34	0♉47	17°36	23°48	7°22	5°47	17°34	14°45	2° 8	10°R28	2° 8	0°40	21° 2	n.a.	W15
T 16	3 29 13	24° 4'00	13°57	19°21	25° 2	7°57	6° 1	17°31	14°43	2° 6	10°28	2° 2	0°37	21° 9	n.a.	T 16
F 17	3 33 9	25° 4'24	27°27	21° 7	26°16	8°32	6°16	17°27	14°41	2° 4	10°28	1°54	0°34	21°16	n.a.	F 17
S 18	3 37 6	26° 4'45	11♊15	22°54	27°30	9° 8	6°30	17°24	14°39	2° 3	10°28	1°45	0°31	21°22	n.a.	S 18
S 19	3 41 2	27° 5'05	25°16	24°42	28°43	9°43	6°44	17°21	14°38	2° 1	10°28	1°36	0°28	21°29	n.a.	S 19
M20	3 44 59	28° 5'23	9♋27	26°31	29°57	10°19	6°58	17°18	14°36	2° 0	10°27	1°27	0°25	21°36	n.a.	M20
T 21	3 48 56	29° 5'39	23°41	28°20	1♏11	10°54	7°13	17°15	14°34	1°58	10°27	1°20	0°21	21°42	n.a.	T 21
W22	3 52 52	0♐ 5'53	7♌57	0♐11	2°25	11°30	7°27	17°12	14°33	1°57	10°27	1°16	0°18	21°49	n.a.	W22
T 23	3 56 49	1° 6'05	22° 9	2° 2	3°39	12° 5	7°41	17° 9	14°31	1°55	10°27	1°14	0°15	21°56	n.a.	T 23
F 24	4 0 45	2° 6'16	6♍16	3°54	4°52	12°41	7°55	17° 6	14°30	1°54	10°27	1°D14	0°12	22° 3	n.a.	F 24
S 25	4 4 42	3° 6'25	20°17	5°47	6° 6	13°17	8°10	17° 3	14°28	1°53	10°26	1°14	0° 9	22° 9	n.a.	S 25
S 26	4 8 38	4° 6'32	4♎11	7°41	7°20	13°52	8°24	17° 1	14°27	1°51	10°26	1°R14	0° 6	22°16	n.a.	S 26
M27	4 12 35	5° 6'37	17°58	9°36	8°34	14°28	8°38	16°58	14°25	1°50	10°25	1°13	0° 2	22°23	n.a.	M27
T 28	4 16 31	6° 6'40	1♏38	11°30	9°47	15° 4	8°53	16°56	14°24	1°49	10°25	1°10	29♍59	22°29	n.a.	T 28
W29	4 20 28	7° 6'41	15° 8	13°26	11° 1	15°40	9° 7	16°54	14°23	1°47	10°25	1° 3	29°56	22°36	n.a.	W29
T 30	4 24 24	8° 6'40	28°27	15°21	12°15	16°16	9°21	16°51	14°21	1°46	10°24	0°54	29°53	22°43	n.a.	T 30
F 31	4 28 21	9♐ 6'37	11♐33	17♐17	13♏29	16♒51	9♐35	16♈49	14♈20	1♉45	10♌23	0♎43	29♍50	22♒49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s52	11s15	2n51	10s25	0s42	1s12	1n37	21s44	0s52	21s54	0s40	5n45	1s51	5n48	0s24	11n30	1s16	34n24	17n 3	1s 9	0s35	12s 8		n.a.
T 2	15 12	14 32	3 48	11 6	0 48	1 44	1 35	21 36	0 51	21 57	0 40	5 43	1 51	5 47	0 24	11 29	1 16	34 24	17 3	1 7	0 33	12 6		n.a.
F 3	15 31	16 58	4 31	11 47	0 54	2 16	1 33	21 27	0 50	22 0	0 40	5 42	1 51	5 46	0 24	11 29	1 16	34 25	17 4	1 4	0 32	12 5		n.a.
S 4	15 51	18 27	4 58	12 27	1 0	2 47	1 31	21 18	0 48	22 3	0 40	5 40	1 51	5 45	0 24	11 28	1 16	34 25	17 4	1 1	0 31	12 3		n.a.
S 5	16 10	18 57	5 10	13 7	1 5	3 19	1 29	21 9	0 47	22 6	0 40	5 39	1 50	5 44	0 24	11 28	1 16	34 26	17 5	0 58	0 30	12 2		n.a.
M 6	16 29	18 31	5 6	13 46	1 10	3 50	1 27	20 59	0 46	22 9	0 40	5 37	1 50	5 43	0 24	11 27	1 16	34 26	17 6	0 56	0 28	12 0		n.a.
T 7	16 47	17 14	4 49	14 26	1 16	4 21	1 25	20 50	0 44	22 11	0 41	5 36	1 50	5 43	0 24	11 26	1 16	34 27	17 6	0 54	0 27	11 59		n.a.
W 8	17 5	15 12	4 19	15 4	1 20	4 52	1 23	20 40	0 43	22 14	0 41	5 34	1 50	5 42	0 24	11 26	1 16	34 27	17 7	0 53	0 26	11 57		n.a.
T 9	17 23	12 34	3 38	15 42	1 25	5 24	1 21	20 31	0 42	22 17	0 41	5 33	1 50	5 41	0 24	11 25	1 16	34 27	17 7	0 53	0 24	11 56		n.a.
F 10	17 41	9 24	2 49	16 19	1 29	5 55	1 19	20 21	0 41	22 20	0 41	5 32	1 50	5 40	0 24	11 25	1 16	34 28	17 8	0 53	0 23	11 54		n.a.
S 11	17 58	5 51	1 51	16 56	1 33	6 25	1 16	20 11	0 40	22 22	0 41	5 30	1 49	5 39	0 24	11 24	1 16	34 28	17 8	0 54	0 22	11 53		n.a.
S 12	18 15	2 2	0 49	17 32	1 37	6 56	1 14	20 1	0 38	22 25	0 41	5 29	1 49	5 39	0 24	11 24	1 16	34 29	17 9	0 54	0 20	11 51		n.a.
M13	18 31	1n57	0s17	18 7	1 40	7 27	1 12	19 51	0 37	22 28	0 41	5 28	1 49	5 38	0 24	11 23	1 16	34 29	17 10	0 54	0 19	11 50		n.a.
T 14	18 47	5 57	1 24	18 42	1 44	7 57	1 9	19 41	0 36	22 30	0 41	5 26	1 49	5 37	0 24	11 23	1 16	34 30	17 10	0 54	0 18	11 48		n.a.
W15	19 3	9 46	2 28	19 15	1 46	8 27	1 7	19 30	0 35	22 33	0 41	5 25	1 48	5 36	0 24	11 22	1 16	34 30	17 11	0 52	0 17	11 47		n.a.
T 16	19 19	13 13	3 25	19 48	1 49	8 57	1 5	19 20	0 34	22 36	0 41	5 24	1 48	5 36	0 24	11 22	1 16	34 31	17 11	0 50	0 15	11 45		n.a.
F 17	19 34	16 3	4 13	20 19	1 51	9 27	1 2	19 9	0 33	22 38	0 41	5 23	1 48	5 35	0 24	11 21	1 16	34 32	17 12	0 47	0 14	11 44		n.a.
S 18	19 49	18 2	4 46	20 49	1 52	9 57	1 0	18 59	0 31	22 41	0 41	5 22	1 48	5 34	0 24	11 21	1 16	34 32	17 12	0 43	0 13	11 42		n.a.
S 19	20 3	18 58	5 4	21 18	1 53	10 26	0 57	18 48	0 30	22 43	0 42	5 21	1 48	5 34	0 24	11 20	1 16	34 33	17 13	0 39	0 11	11 41		n.a.
M20	20 17	18 44	5 3	21 46	1 54	10 55	0 55	18 37	0 29	22 46	0 42	5 20	1 47	5 33	0 24	11 20	1 16	34 33	17 13	0 36	0 10	11 39		n.a.
T 21	20 31	17 20	4 43	22 12	1 54	11 24	0 52	18 26	0 28	22 49	0 42	5 19	1 47	5 32	0 24	11 19	1 15	34 34	17 14	0 33	0 9	11 38		n.a.
W22	20 44	14 51	4 6	22 37	1 54	11 53	0 49	18 15	0 27	22 51	0 42	5 18	1 47	5 32	0 24	11 19	1 15	34 34	17 15	0 31	0 7	11 36		n.a.
T 23	20 57	11 29	3 13	23 0	1 53	12 21	0 47	18 4	0 26	22 54	0 42	5 17	1 47	5 31	0 24	11 18	1 15	34 35	17 15	0 30	0 6	11 34		n.a.
F 24	21 10	7 28	2 10	23 21	1 52	12 49	0 44	17 52	0 25	22 56	0 42	5 16	1 46	5 30	0 24	11 18	1 15	34 36	17 16	0 30	0 5	11 33		n.a.
S 25	21 22	3 4	0 58	23 41	1 50	13 17	0 42	17 41	0 24	22 59	0 42	5 15	1 46	5 30	0 23	11 17	1 15	34 36	17 16	0 30	0 4	11 31		n.a.
S 26	21 34	1s28	0n16	23 59	1 48	13 44	0 39	17 29	0 23	23 1	0 42	5 14	1 46	5 29	0 23	11 17	1 15	34 37	17 17	0 30	0 2	11 30		n.a.
M27	21 45	5 53	1 28	24 14	1 45	14 11	0 36	17 18	0 22	23 3	0 42	5 14	1 46	5 29	0 23	11 16	1 15	34 37	17 17	0 30	0 1	11 28		n.a.
T 28	21 56	9 58	2 35	24 28	1 41	14 37	0 34	17 6	0 21	23 6	0 42	5 13	1 45	5 28	0 23	11 16	1 15	34 38	17 18	0 28	0n 0	11 27		n.a.
W29	22 6	13 28	3 31	24 39	1 36	15 4	0 31	16 54	0 20	23 8	0 42	5 12	1 45	5 28	0 23	11 15	1 15	34 39	17 18	0 26	0 2	11 25		n.a.
T 30	22 16	16 13	4 16	24 48	1 31	15 30	0 28	16 42	0 19	23 11	0 43	5 12	1 45	5 27	0 23	11 15	1 15	34 39	17 19	0 22	0 3	11 24		n.a.
F 31	22s26	18s 5	4n46	24s54	1s26	15s55	0n26	16s30	0s18	23s13	0s43	5n11	1s45	5n27	0s23	11n14	1s15	34n40	17n19	0s17	0n 4	11s22		n.a.

Julian Day Number = 193551.5, Delta T = 32h23m28s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'26, Lahiri = -61°25'26 Julian Calendar 1 Dec. 4184 BCE == Greg. Calendar 29 Oct. 4184 BCE

The year -4183 astronomical counting style corresponds to year 4184 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

JANUARY 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 32 18	10♐ 6'32	24♐25	19♐12	14♏42	17♒27	9♐50	16°R47	14°R19	1°R43	10°R23	0°R30	29♍46	22♒56	n.a.	S 1
S 2	4 36 14	11° 6'24	7♑ 1	21° 7	15°56	18° 3	10° 4	16♈45	14♈18	1♉42	10♌22	0♎18	29°43	23° 3	n.a.	S 2
M 3	4 40 11	12° 6'14	19°23	23° 1	17°10	18°39	10°18	16°44	14°17	1°41	10°22	0° 6	29°40	23° 9	n.a.	M 3
T 4	4 44 7	13° 6'02	1♒31	24°54	18°24	19°15	10°33	16°42	14°16	1°40	10°21	29♍57	29°37	23°16	n.a.	T 4
W 5	4 48 4	14° 5'47	13°29	26°46	19°37	19°52	10°47	16°40	14°15	1°39	10°20	29°50	29°34	23°23	n.a.	W 5
T 6	4 52 0	15° 5'30	25°20	28°35	20°51	20°28	11° 1	16°39	14°14	1°37	10°20	29°46	29°31	23°29	n.a.	T 6
F 7	4 55 57	16° 5'10	7♓ 8	0♑23	22° 5	21° 4	11°16	16°38	14°13	1°36	10°19	29°45	29°27	23°36	n.a.	F 7
S 8	4 59 53	17° 4'48	19° 0	2° 8	23°18	21°40	11°30	16°36	14°12	1°35	10°18	29°D44	29°24	23°43	n.a.	S 8
S 9	5 3 50	18° 4'23	0♈59	3°49	24°32	22°16	11°44	16°35	14°11	1°34	10°17	29°R45	29°21	23°49	n.a.	S 9
M10	5 7 47	19° 3'55	13°13	5°27	25°46	22°52	11°58	16°34	14°11	1°33	10°16	29°44	29°18	23°56	n.a.	M10
T 11	5 11 43	20° 3'25	25°46	7° 1	26°59	23°29	12°13	16°33	14°10	1°32	10°15	29°42	29°15	24° 3	n.a.	T 11
W12	5 15 40	21° 2'53	8♉41	8°29	28°13	24° 5	12°27	16°32	14°10	1°31	10°15	29°37	29°12	24° 9	n.a.	W12
T 13	5 19 36	22° 2'18	22° 1	9°53	29°26	24°41	12°41	16°32	14° 9	1°30	10°14	29°29	29° 8	24°16	n.a.	T 13
F 14	5 23 33	23° 1'41	5♊47	11°11	0♐40	25°17	12°55	16°31	14° 8	1°29	10°13	29°19	29° 5	24°23	n.a.	F 14
S 15	5 27 29	24° 1'01	19°56	12°23	1°54	25°54	13°10	16°31	14° 8	1°28	10°12	29° 8	29° 2	24°29	n.a.	S 15
S 16	5 31 26	25° 0'19	4♋23	13°28	3° 7	26°30	13°24	16°30	14° 8	1°27	10°11	28°56	28°59	24°36	n.a.	S 16
M17	5 35 22	25°59'35	19° 1	14°27	4°21	27° 6	13°38	16°30	14° 7	1°27	10°10	28°45	28°56	24°43	n.a.	M17
T 18	5 39 19	26°58'48	3♌43	15°19	5°34	27°43	13°52	16°30	14° 7	1°26	10° 9	28°36	28°52	24°49	n.a.	T 18
W19	5 43 15	27°57'59	18°21	16° 3	6°48	28°19	14° 6	16°D30	14° 7	1°25	10° 7	28°29	28°49	24°56	n.a.	W19
T 20	5 47 12	28°57'09	2♍50	16°39	8° 2	28°56	14°20	16°30	14° 7	1°24	10° 6	28°26	28°46	25° 3	n.a.	T 20
F 21	5 51 8	29°56'16	17° 5	17° 8	9°15	29°32	14°34	16°30	14° 6	1°23	10° 5	28°24	28°43	25° 9	n.a.	F 21
S 22	5 55 5	0♑55'21	1♎ 6	17°30	10°29	0♓ 8	14°48	16°31	14° 6	1°23	10° 4	28°24	28°40	25°16	n.a.	S 22
S 23	5 59 2	1°54'24	14°52	17°43	11°42	0°45	15° 2	16°31	14°D 6	1°22	10° 3	28°24	28°37	25°23	n.a.	S 23
M24	6 2 58	2°53'26	28°25	17°R49	12°56	1°21	15°16	16°31	14° 6	1°21	10° 2	28°22	28°33	25°29	n.a.	M24
T 25	6 6 55	3°52'25	11♏45	17°48	14°10	1°58	15°30	16°32	14° 6	1°21	10° 0	28°18	28°30	25°36	n.a.	T 25
W26	6 10 51	4°51'22	24°53	17°39	15°23	2°34	15°44	16°33	14° 7	1°20	9°59	28°11	28°27	25°43	n.a.	W26
T 27	6 14 48	5°50'18	7♐49	17°23	16°37	3°11	15°58	16°34	14° 7	1°20	9°58	28° 1	28°24	25°49	n.a.	T 27
F 28	6 18 44	6°49'11	20°35	17° 1	17°50	3°48	16°12	16°35	14° 7	1°19	9°56	27°49	28°21	25°56	n.a.	F 28
S 29	6 22 41	7°48'02	3♑ 9	16°33	19° 4	4°24	16°26	16°36	14° 7	1°19	9°55	27°36	28°18	26° 3	n.a.	S 29
S 30	6 26 37	8°46'50	15°32	16° 0	20°17	5° 1	16°39	16°37	14° 8	1°18	9°54	27°22	28°14	26° 9	n.a.	S 30
M31	6 30 34	9♑45'37	27♑43	15♑22	21♐31	5♓37	16♐53	16♈38	14♈ 8	1♉18	9♌52	27♍10	28♍11	26♒16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s35	18s59	5n 0	24s58	1s19	16s20	0n23	16s18	0s17	23s15	0s43	5n11	1s44	5n26	0s23	11n14	1s15	34n41	17n20	0s12	0n 6	11s21		n.a.
S 2	22 44	18 56	5 0	25 0	1 12	16 45	0 20	16 6	0 16	23 18	0 43	5 10	1 44	5 26	0 23	11 14	1 15	34 41	17 20	0 7	0 7	11 19		n.a.
M 3	22 52	17 58	4 46	24 59	1 4	17 9	0 18	15 53	0 15	23 20	0 43	5 10	1 44	5 26	0 23	11 13	1 15	34 42	17 21	0 3	0 8	11 17		n.a.
T 4	23 0	16 11	4 18	24 56	0 55	17 33	0 15	15 41	0 14	23 22	0 43	5 9	1 44	5 25	0 23	11 13	1 15	34 43	17 21	0n 1	0 9	11 16		n.a.
W 5	23 8	13 44	3 40	24 50	0 46	17 56	0 12	15 28	0 13	23 24	0 43	5 9	1 43	5 25	0 23	11 13	1 15	34 43	17 22	0 4	0 11	11 14		n.a.
T 6	23 15	10 45	2 52	24 42	0 35	18 19	0 10	15 16	0 12	23 26	0 43	5 8	1 43	5 25	0 23	11 12	1 15	34 44	17 22	0 6	0 12	11 13		n.a.
F 7	23 22	7 20	1 57	24 31	0 25	18 41	0 7	15 3	0 11	23 29	0 43	5 8	1 43	5 24	0 23	11 12	1 15	34 45	17 23	0 6	0 13	11 11		n.a.
S 8	23 28	3 36	0 57	24 19	0 13	19 3	0 4	14 50	0 10	23 31	0 44	5 8	1 43	5 24	0 23	11 11	1 15	34 45	17 23	0 6	0 15	11 10		n.a.
S 9	23 33	0n18	0s 7	24 4	0 1	19 24	0 2	14 37	0 9	23 33	0 44	5 8	1 42	5 24	0 23	11 11	1 15	34 46	17 24	0 6	0 16	11 8		n.a.
M10	23 39	4 17	1 11	23 48	0n12	19 45	0s 1	14 24	0 8	23 35	0 44	5 8	1 42	5 23	0 23	11 11	1 15	34 47	17 24	0 7	0 17	11 7		n.a.
T 11	23 44	8 10	2 13	23 30	0 25	20 5	0 4	14 11	0 8	23 37	0 44	5 7	1 42	5 23	0 23	11 10	1 15	34 47	17 25	0 8	0 19	11 5		n.a.
W12	23 48	11 47	3 11	23 11	0 39	20 25	0 6	13 58	0 7	23 39	0 44	5 7	1 42	5 23	0 23	11 10	1 15	34 48	17 25	0 9	0 20	11 3		n.a.
T 13	23 52	14 56	4 0	22 51	0 53	20 44	0 9	13 45	0 6	23 41	0 44	5 7	1 41	5 23	0 23	11 10	1 15	34 49	17 26	0 13	0 21	11 2		n.a.
F 14	23 55	17 21	4 36	22 31	1 7	21 3	0 11	13 32	0 5	23 43	0 44	5 7	1 41	5 23	0 23	11 10	1 15	34 50	17 26	0 17	0 22	11 0		n.a.
S 15	23 58	18 47	4 57	22 10	1 22	21 21	0 14	13 18	0 4	23 45	0 44	5 7	1 41	5 23	0 23	11 9	1 14	34 50	17 26	0 21	0 24	10 59		n.a.
S 16	24 1	19 3	4 59	21 49	1 36	21 38	0 16	13 5	0 3	23 47	0 45	5 7	1 41	5 22	0 23	11 9	1 14	34 51	17 27	0 26	0 25	10 57		n.a.
M17	24 3	18 4	4 42	21 28	1 51	21 55	0 19	12 51	0 2	23 49	0 45	5 8	1 40	5 22	0 23	11 9	1 14	34 52	17 27	0 31	0 26	10 56		n.a.
T 18	24 4	15 52	4 7	21 8	2 5	22 11	0 21	12 38	0 2	23 51	0 45	5 8	1 40	5 22	0 23	11 9	1 14	34 52	17 28	0 34	0 28	10 54		n.a.
W19	24 6	12 40	3 15	20 49	2 19	22 27	0 24	12 24	0 1	23 53	0 45	5 8	1 40	5 22	0 23	11 8	1 14	34 53	17 28	0 37	0 29	10 52		n.a.
T 20	24 6	8 44	2 11	20 31	2 33	22 41	0 26	12 10	0n 0	23 55	0 45	5 8	1 40	5 22	0 23	11 8	1 14	34 54	17 28	0 39	0 30	10 51		n.a.
F 21	24 7	4 20	1 0	20 14	2 46	22 56	0 28	11 56	0 1	23 56	0 45	5 9	1 39	5 22	0 23	11 8	1 14	34 55	17 29	0 39	0 31	10 49		n.a.
S 22	24 6	0s14	0n14	19 59	2 58	23 9	0 31	11 43	0 2	23 58	0 45	5 9	1 39	5 22	0 23	11 8	1 14	34 55	17 29	0 39	0 33	10 48		n.a.
S 23	24 6	4 42	1 26	19 46	3 10	23 22	0 33	11 29	0 2	24 0	0 46	5 9	1 39	5 22	0 23	11 7	1 14	34 56	17 30	0 39	0 34	10 46		n.a.
M24	24 5	8 51	2 32	19 35	3 20	23 34	0 35	11 15	0 3	24 2	0 46	5 10	1 38	5 22	0 23	11 7	1 14	34 57	17 30	0 40	0 35	10 45		n.a.
T 25	24 3	12 30	3 28	19 26	3 30	23 46	0 37	11 0	0 4	24 3	0 46	5 10	1 38	5 22	0 23	11 7	1 14	34 57	17 30	0 42	0 37	10 43		n.a.
W26	24 1	15 27	4 12	19 19	3 38	23 56	0 40	10 46	0 5	24 5	0 46	5 11	1 38	5 22	0 23	11 7	1 14	34 58	17 31	0 44	0 38	10 41		n.a.
T 27	23 59	17 35	4 42	19 14	3 45	24 7	0 42	10 32	0 6	24 7	0 46	5 11	1 38	5 22	0 23	11 7	1 14	34 59	17 31	0 49	0 39	10 40		n.a.
F 28	23 56	18 49	4 58	19 11	3 50	24 16	0 44	10 18	0 6	24 8	0 46	5 12	1 37	5 22	0 22	11 7	1 14	35 0	17 31	0 53	0 41	10 38		n.a.
S 29	23 52	19 5	4 59	19 11	3 54	24 25	0 46	10 3	0 7	24 10	0 46	5 13	1 37	5 23	0 22	11 7	1 14	35 0	17 32	0 59	0 42	10 37		n.a.
S 30	23 49	18 27	4 46	19 13	3 57	24 33	0 48	9 49	0 8	24 12	0 47	5 13	1 37	5 23	0 22	11 6	1 14	35 1	17 32	1 4	0 43	10 35		n.a.
M31	23s44	16s58	4n20	19s17	3n57	24s40	0s50	9s35	0n 9	24s13	0s47	5n14	1s37	5n23	0s22	11n 6	1s14	35n 2	17n32	1n 9	0n44	10s33		n.a.

Julian Day Number = 193582.5, Delta T = 32h23m25s
Ecliptic obliquity = 24°06'46, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'22, Lahiri = -61°25'22 Julian Calendar 1 Jan. 4183 BCE == Greg. Calendar 29 Nov. 4184 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

FEBRUARY 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 34 30	10♉44'21	9♒45	14°R41	22♐44	6♓14	17♐ 7	16♈40	14♈ 9	1°R17	9°R51	27°R 0	28♍ 8	26♒23	n.a.	T 1
W 2	6 38 27	11°43'02	21°39	13♉57	23°58	6°51	17°21	16°41	14° 9	1♉17	9♌50	26♍52	28° 5	26°29	n.a.	W 2
T 3	6 42 23	12°41'42	3♓28	13°10	25°11	7°27	17°34	16°43	14°10	1°17	9°48	26°47	28° 2	26°36	n.a.	T 3
F 4	6 46 20	13°40'19	15°15	12°23	26°25	8° 4	17°48	16°45	14°10	1°16	9°47	26°45	27°58	26°43	n.a.	F 4
S 5	6 50 16	14°38'53	27° 5	11°36	27°38	8°41	18° 1	16°46	14°11	1°16	9°45	26°D44	27°55	26°49	n.a.	S 5
S 6	6 54 13	15°37'25	9♈ 3	10°49	28°52	9°17	18°15	16°48	14°12	1°16	9°44	26°44	27°52	26°56	n.a.	S 6
M 7	6 58 9	16°35'55	21°15	10° 4	0♊ 5	9°54	18°28	16°50	14°12	1°16	9°42	26°R44	27°49	27° 3	n.a.	M 7
T 8	7 2 6	17°34'22	3♉46	9°22	1°19	10°31	18°42	16°52	14°13	1°16	9°41	26°43	27°46	27° 9	n.a.	T 8
W 9	7 6 3	18°32'47	16°40	8°42	2°32	11° 7	18°55	16°55	14°14	1°16	9°39	26°40	27°43	27°16	n.a.	W 9
T 10	7 9 59	19°31'09	0♊ 1	8° 6	3°46	11°44	19° 8	16°57	14°15	1°15	9°38	26°34	27°39	27°23	n.a.	T 10
F 11	7 13 56	20°29'29	13°51	7°34	4°59	12°21	19°21	17° 0	14°16	1°15	9°36	26°27	27°36	27°29	n.a.	F 11
S 12	7 17 52	21°27'47	28° 9	7° 7	6°13	12°58	19°35	17° 2	14°17	1°D15	9°34	26°17	27°33	27°36	n.a.	S 12
S 13	7 21 49	22°26'03	12♋49	6°44	7°26	13°35	19°48	17° 5	14°18	1°15	9°33	26° 8	27°30	27°43	n.a.	S 13
M14	7 25 45	23°24'17	27°46	6°26	8°40	14°11	20° 1	17° 8	14°19	1°15	9°31	25°58	27°27	27°49	n.a.	M14
T 15	7 29 42	24°22'28	12♌49	6°14	9°53	14°48	20°14	17°10	14°20	1°15	9°30	25°51	27°23	27°56	n.a.	T 15
W16	7 33 38	25°20'38	27°50	6° 6	11° 7	15°25	20°27	17°13	14°22	1°16	9°28	25°46	27°20	28° 3	n.a.	W16
T 17	7 37 35	26°18'46	12♍39	6°D 4	12°20	16° 2	20°40	17°16	14°23	1°16	9°26	25°43	27°17	28° 9	n.a.	T 17
F 18	7 41 31	27°16'52	27°12	6° 6	13°34	16°38	20°53	17°19	14°24	1°16	9°25	25°D42	27°14	28°16	n.a.	F 18
S 19	7 45 28	28°14'56	11♎24	6°14	14°47	17°15	21° 5	17°23	14°26	1°16	9°23	25°43	27°11	28°23	n.a.	S 19
S 20	7 49 24	29°12'59	25°14	6°27	16° 1	17°52	21°18	17°26	14°27	1°16	9°21	25°R44	27° 8	28°29	n.a.	S 20
M21	7 53 21	0♒11'00	8♏45	6°44	17°14	18°29	21°31	17°29	14°29	1°17	9°20	25°43	27° 4	28°36	n.a.	M21
T 22	7 57 17	1° 8'59	21°56	7° 6	18°28	19° 6	21°43	17°33	14°30	1°17	9°18	25°41	27° 1	28°43	n.a.	T 22
W23	8 1 14	2° 6'57	4♐51	7°32	19°41	19°43	21°56	17°37	14°32	1°17	9°17	25°37	26°58	28°49	n.a.	W23
T 24	8 5 11	3° 4'54	17°32	8° 3	20°55	20°20	22° 8	17°40	14°33	1°18	9°15	25°31	26°55	28°56	n.a.	T 24
F 25	8 9 7	4° 2'48	0♑ 1	8°38	22° 8	20°57	22°21	17°44	14°35	1°18	9°13	25°22	26°52	29° 3	n.a.	F 25
S 26	8 13 4	5° 0'41	12°19	9°16	23°22	21°33	22°33	17°48	14°37	1°18	9°11	25°13	26°49	29° 9	n.a.	S 26
S 27	8 17 0	5°58'33	24°28	9°59	24°35	22°10	22°45	17°52	14°38	1°19	9°10	25° 4	26°45	29°16	n.a.	S 27
M28	8 20 57	6♒56'22	6♒29	10♑44	25♑49	22♓47	22♐58	17♈56	14♈40	1♉19	9♌ 8	24♍55	26♍42	29♒23	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s40	14s45	3n42	19s22	3n56	24s46	0s52	9s20	0n 9	24s15	0s47	5n15	1s36	5n23	0s22	11n 6	1s14	35n 2	17n32	1n14	0n46	10s32		n.a.
W 2	23 35	11 56	2 55	19 30	3 53	24 52	0 54	9 5	0 10	24 16	0 47	5 16	1 36	5 23	0 22	11 6	1 14	35 3	17 33	1 17	0 47	10 30		n.a.
T 3	23 29	8 39	2 0	19 39	3 48	24 57	0 56	8 51	0 11	24 18	0 47	5 17	1 36	5 24	0 22	11 6	1 14	35 4	17 33	1 19	0 48	10 29		n.a.
F 4	23 23	5 2	1 1	19 50	3 42	25 1	0 57	8 36	0 11	24 19	0 47	5 18	1 36	5 24	0 22	11 6	1 13	35 5	17 33	1 20	0 50	10 27		n.a.
S 5	23 17	1 13	0s 2	20 2	3 34	25 5	0 59	8 21	0 12	24 21	0 47	5 19	1 35	5 24	0 22	11 6	1 13	35 5	17 34	1 20	0 51	10 25		n.a.
S 6	23 10	2n42	1 5	20 16	3 25	25 7	1 1	8 7	0 13	24 22	0 48	5 20	1 35	5 25	0 22	11 6	1 13	35 6	17 34	1 20	0 52	10 24		n.a.
M 7	23 3	6 34	2 7	20 30	3 14	25 9	1 2	7 52	0 13	24 23	0 48	5 21	1 35	5 25	0 22	11 6	1 13	35 7	17 34	1 20	0 54	10 22		n.a.
T 8	22 55	10 15	3 4	20 44	3 2	25 10	1 4	7 37	0 14	24 25	0 48	5 22	1 35	5 25	0 22	11 6	1 13	35 7	17 34	1 20	0 55	10 21		n.a.
W 9	22 47	13 34	3 53	21 0	2 50	25 11	1 6	7 22	0 15	24 26	0 48	5 23	1 34	5 26	0 22	11 6	1 13	35 8	17 34	1 22	0 56	10 19		n.a.
T 10	22 39	16 18	4 32	21 16	2 36	25 10	1 7	7 7	0 16	24 27	0 48	5 24	1 34	5 26	0 22	11 6	1 13	35 9	17 35	1 24	0 57	10 17		n.a.
F 11	22 30	18 12	4 57	21 32	2 22	25 9	1 8	6 52	0 16	24 29	0 48	5 25	1 34	5 26	0 22	11 6	1 13	35 9	17 35	1 27	0 59	10 16		n.a.
S 12	22 21	19 2	5 4	21 48	2 7	25 7	1 10	6 37	0 17	24 30	0 49	5 26	1 34	5 27	0 22	11 6	1 13	35 10	17 35	1 31	1 0	10 14		n.a.
S 13	22 11	18 39	4 51	22 4	1 52	25 5	1 11	6 22	0 17	24 31	0 49	5 28	1 33	5 27	0 22	11 6	1 13	35 11	17 35	1 35	1 1	10 12		n.a.
M14	22 1	16 58	4 19	22 20	1 37	25 1	1 12	6 7	0 18	24 32	0 49	5 29	1 33	5 28	0 22	11 6	1 13	35 11	17 35	1 39	1 3	10 11		n.a.
T 15	21 51	14 7	3 28	22 36	1 22	24 57	1 14	5 52	0 19	24 34	0 49	5 30	1 33	5 28	0 22	11 6	1 13	35 12	17 36	1 42	1 4	10 9		n.a.
W16	21 40	10 20	2 23	22 51	1 7	24 52	1 15	5 36	0 19	24 35	0 49	5 32	1 33	5 29	0 22	11 6	1 13	35 12	17 36	1 44	1 5	10 8		n.a.
T 17	21 29	5 56	1 9	23 6	0 52	24 47	1 16	5 21	0 20	24 36	0 50	5 33	1 32	5 29	0 22	11 6	1 13	35 13	17 36	1 45	1 7	10 6		n.a.
F 18	21 17	1 16	0n 8	23 20	0 38	24 40	1 17	5 6	0 21	24 37	0 50	5 35	1 32	5 30	0 22	11 7	1 13	35 14	17 36	1 45	1 8	10 4		n.a.
S 19	21 5	3s22	1 23	23 34	0 23	24 33	1 18	4 51	0 21	24 38	0 50	5 36	1 32	5 31	0 22	11 7	1 13	35 14	17 36	1 45	1 9	10 3		n.a.
S 20	20 53	7 41	2 32	23 48	0 10	24 25	1 19	4 35	0 22	24 39	0 50	5 38	1 32	5 31	0 22	11 7	1 13	35 15	17 36	1 45	1 10	10 1		n.a.
M21	20 41	11 31	3 30	24 0	0s 4	24 17	1 20	4 20	0 23	24 40	0 50	5 39	1 31	5 32	0 22	11 7	1 13	35 15	17 36	1 45	1 12	9 59		n.a.
T 22	20 28	14 39	4 15	24 12	0 17	24 8	1 20	4 5	0 23	24 41	0 50	5 41	1 31	5 32	0 22	11 7	1 13	35 16	17 36	1 46	1 13	9 58		n.a.
W23	20 14	17 0	4 47	24 23	0 29	23 57	1 21	3 49	0 24	24 42	0 51	5 42	1 31	5 33	0 22	11 7	1 12	35 17	17 36	1 47	1 14	9 56		n.a.
T 24	20 1	18 28	5 4	24 33	0 41	23 47	1 22	3 34	0 24	24 43	0 51	5 44	1 31	5 34	0 22	11 7	1 12	35 17	17 36	1 50	1 16	9 55		n.a.
F 25	19 47	19 1	5 6	24 42	0 52	23 35	1 22	3 18	0 25	24 44	0 51	5 46	1 30	5 34	0 22	11 8	1 12	35 18	17 36	1 53	1 17	9 53		n.a.
S 26	19 33	18 39	4 53	24 50	1 3	23 23	1 23	3 3	0 25	24 45	0 51	5 48	1 30	5 35	0 22	11 8	1 12	35 18	17 37	1 57	1 18	9 51		n.a.
S 27	19 18	17 26	4 28	24 57	1 13	23 10	1 23	2 48	0 26	24 46	0 51	5 49	1 30	5 36	0 22	11 8	1 12	35 19	17 37	2 1	1 19	9 50		n.a.
M28	19s 3	15s28	3n51	25s 2	1s23	22s57	1s24	2s32	0n27	24s47	0s52	5n51	1s30	5n37	0s22	11n 8	1s12	35n19	17n37	2n 4	1n21	9s48		n.a.

Julian Day Number = 193613.5, Delta T = 32h23m22s
Ecliptic obliquity = 24°06'46, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'18, Lahiri = -61°25'18 Julian Calendar 1 Feb. 4183 BCE == Greg. Calendar 30 Dec. 4184 BCE

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

MARCH 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 53	7♒54'10	18♒23	11♉34	27♉ 2	23♓24	23♐10	18♈ 0	14♈42	1♉20	9°R 6	24°R48	26♍39	29♒29	n.a.	T 1
W 2	8 28 50	8°51'56	0♓13	12°27	28°16	24° 1	23°22	18° 4	14°44	1°21	9♌ 5	24♍43	26°36	29°36	n.a.	W 2
T 3	8 32 46	9°49'40	12° 0	13°23	29°29	24°38	23°34	18° 9	14°46	1°21	9° 3	24°40	26°33	29°43	n.a.	T 3
F 4	8 36 43	10°47'23	23°48	14°22	0♒43	25°15	23°46	18°13	14°48	1°22	9° 1	24°D39	26°29	29°49	n.a.	F 4
S 5	8 40 39	11°45'03	5♈39	15°24	1°56	25°52	23°57	18°18	14°50	1°22	9° 0	24°40	26°26	29°56	n.a.	S 5
S 6	8 44 36	12°42'42	17°38	16°28	3°10	26°29	24° 9	18°22	14°52	1°23	8°58	24°41	26°23	0♓ 3	n.a.	S 6
M 7	8 48 32	13°40'19	29°50	17°36	4°23	27° 6	24°21	18°27	14°54	1°24	8°56	24°43	26°20	0° 9	n.a.	M 7
T 8	8 52 29	14°37'54	12♉19	18°46	5°37	27°43	24°32	18°32	14°56	1°25	8°55	24°R43	26°17	0°16	n.a.	T 8
W 9	8 56 26	15°35'28	25°10	19°59	6°50	28°20	24°44	18°36	14°59	1°25	8°53	24°43	26°14	0°23	n.a.	W 9
T 10	9 0 22	16°33'00	8♊27	21°15	8° 4	28°57	24°55	18°41	15° 1	1°26	8°51	24°41	26°10	0°29	n.a.	T 10
F 11	9 4 19	17°30'30	22°12	22°33	9°17	29°34	25° 6	18°46	15° 3	1°27	8°50	24°38	26° 7	0°36	n.a.	F 11
S 12	9 8 15	18°27'58	6♋26	23°53	10°31	0♈11	25°18	18°51	15° 5	1°28	8°48	24°33	26° 4	0°43	n.a.	S 12
S 13	9 12 12	19°25'25	21° 5	25°16	11°44	0°48	25°29	18°56	15° 8	1°29	8°46	24°28	26° 1	0°49	n.a.	S 13
M14	9 16 8	20°22'50	6♌ 5	26°41	12°58	1°25	25°40	19° 2	15°10	1°30	8°45	24°23	25°58	0°56	n.a.	M14
T 15	9 20 5	21°20'13	21°16	28° 8	14°11	2° 2	25°51	19° 7	15°13	1°31	8°43	24°19	25°55	1° 3	n.a.	T 15
W16	9 24 1	22°17'36	6♍29	29°38	15°25	2°39	26° 1	19°12	15°15	1°32	8°41	24°17	25°51	1° 9	n.a.	W16
T 17	9 27 58	23°14'56	21°34	1♒10	16°38	3°16	26°12	19°18	15°17	1°33	8°40	24°D16	25°48	1°16	n.a.	T 17
F 18	9 31 54	24°12'16	6♎23	2°44	17°52	3°54	26°23	19°23	15°20	1°34	8°38	24°16	25°45	1°23	n.a.	F 18
S 19	9 35 51	25° 9'35	20°49	4°21	19° 5	4°31	26°33	19°29	15°23	1°35	8°36	24°17	25°42	1°29	n.a.	S 19
S 20	9 39 48	26° 6'53	4♏51	5°59	20°19	5° 8	26°44	19°34	15°25	1°36	8°35	24°19	25°39	1°36	n.a.	S 20
M21	9 43 44	27° 4'10	18°28	7°40	21°32	5°45	26°54	19°40	15°28	1°37	8°33	24°20	25°35	1°43	n.a.	M21
T 22	9 47 41	28° 1'27	1♐41	9°23	22°46	6°22	27° 4	19°46	15°31	1°38	8°32	24°R20	25°32	1°49	n.a.	T 22
W23	9 51 37	28°58'42	14°33	11° 9	23°59	6°59	27°14	19°51	15°33	1°40	8°30	24°19	25°29	1°56	n.a.	W23
T 24	9 55 34	29°55'57	27° 7	12°56	25°13	7°36	27°24	19°57	15°36	1°41	8°29	24°17	25°26	2° 3	n.a.	T 24
F 25	9 59 30	0♓53'11	9♉26	14°46	26°26	8°13	27°34	20° 3	15°39	1°42	8°27	24°14	25°23	2° 9	n.a.	F 25
S 26	10 3 27	1°50'24	21°34	16°38	27°40	8°51	27°44	20° 9	15°42	1°43	8°26	24°11	25°20	2°16	n.a.	S 26
S 27	10 7 23	2°47'36	3♒33	18°32	28°54	9°28	27°54	20°15	15°44	1°45	8°24	24° 7	25°16	2°23	n.a.	S 27
M28	10 11 20	3°44'47	15°26	20°28	0♓ 7	10° 5	28° 3	20°21	15°47	1°46	8°23	24° 4	25°13	2°29	n.a.	M28
T 29	10 15 16	4°41'58	27°15	22°27	1°21	10°42	28°13	20°28	15°50	1°47	8°21	24° 2	25°10	2°36	n.a.	T 29
W30	10 19 13	5°39'08	9♓ 2	24°27	2°34	11°19	28°22	20°34	15°53	1°49	8°20	24° 0	25° 7	2°43	n.a.	W30
T 31	10 23 10	6♓36'16	20♓50	26♒29	3♓48	11♈57	28♐31	20♈40	15♈56	1♉50	8♌18	23°D59	25♍ 4	2♓49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	18s48	12s50	3n 3	25s 7	1s32	22s43	1s24	2s17	0n27	24s48	0s52	5n53	1s29	5n37	0s22	11n 9	1s12	35n20	17n37	2n 7	1n22	9s46			n.a.
W 2	18 33	9 43	2 9	25 10	1 40	22 28	1 24	2 1	0 28	24 49	0 52	5 55	1 29	5 38	0 22	11 9	1 12	35 20	17 37	2 9	1 23	9 45			n.a.
T 3	18 17	6 12	1 8	25 12	1 48	22 12	1 25	1 45	0 28	24 49	0 52	5 57	1 29	5 39	0 21	11 9	1 12	35 21	17 37	2 10	1 25	9 43			n.a.
F 4	18 1	2 28	0 5	25 13	1 55	21 56	1 25	1 30	0 29	24 50	0 53	5 59	1 29	5 40	0 21	11 9	1 12	35 21	17 37	2 11	1 26	9 41			n.a.
S 5	17 45	1n24	0s59	25 12	2 1	21 40	1 25	1 14	0 29	24 51	0 53	6 1	1 29	5 41	0 21	11 10	1 12	35 22	17 36	2 11	1 27	9 40			n.a.
S 6	17 28	5 15	2 2	25 9	2 7	21 22	1 25	0 59	0 30	24 52	0 53	6 3	1 28	5 41	0 21	11 10	1 12	35 22	17 36	2 10	1 29	9 38			n.a.
M 7	17 11	8 56	3 0	25 6	2 12	21 4	1 25	0 43	0 30	24 52	0 53	6 5	1 28	5 42	0 21	11 10	1 12	35 23	17 36	2 9	1 30	9 37			n.a.
T 8	16 54	12 19	3 51	25 0	2 16	20 46	1 25	0 28	0 31	24 53	0 53	6 7	1 28	5 43	0 21	11 11	1 12	35 23	17 36	2 9	1 31	9 35			n.a.
W 9	16 37	15 12	4 32	24 53	2 20	20 27	1 25	0 12	0 32	24 54	0 54	6 9	1 28	5 44	0 21	11 11	1 12	35 24	17 36	2 9	1 32	9 33			n.a.
T 10	16 19	17 24	5 0	24 44	2 23	20 7	1 24	0n 4	0 32	24 55	0 54	6 11	1 27	5 45	0 21	11 11	1 12	35 24	17 36	2 10	1 34	9 32			n.a.
F 11	16 1	18 42	5 12	24 34	2 26	19 47	1 24	0 19	0 33	24 55	0 54	6 13	1 27	5 46	0 21	11 12	1 12	35 24	17 36	2 12	1 35	9 30			n.a.
S 12	15 43	18 52	5 5	24 21	2 28	19 26	1 24	0 35	0 33	24 56	0 54	6 15	1 27	5 47	0 21	11 12	1 12	35 25	17 36	2 13	1 36	9 28			n.a.
S 13	15 25	17 49	4 39	24 7	2 29	19 5	1 23	0 50	0 34	24 56	0 55	6 17	1 27	5 48	0 21	11 12	1 12	35 25	17 36	2 15	1 38	9 27			n.a.
M14	15 6	15 31	3 53	23 51	2 30	18 43	1 23	1 6	0 34	24 57	0 55	6 19	1 27	5 49	0 21	11 13	1 11	35 25	17 36	2 17	1 39	9 25			n.a.
T 15	14 47	12 7	2 51	23 34	2 30	18 21	1 22	1 22	0 35	24 58	0 55	6 22	1 26	5 50	0 21	11 13	1 11	35 26	17 36	2 19	1 40	9 23			n.a.
W16	14 28	7 54	1 36	23 14	2 29	17 58	1 22	1 37	0 35	24 58	0 55	6 24	1 26	5 51	0 21	11 13	1 11	35 26	17 35	2 20	1 42	9 22			n.a.
T 17	14 9	3 13	0 15	22 52	2 28	17 34	1 21	1 53	0 36	24 59	0 55	6 26	1 26	5 52	0 21	11 14	1 11	35 27	17 35	2 20	1 43	9 20			n.a.
F 18	13 49	1s36	1n 6	22 28	2 26	17 11	1 20	2 8	0 36	24 59	0 56	6 29	1 26	5 53	0 21	11 14	1 11	35 27	17 35	2 20	1 44	9 18			n.a.
S 19	13 30	6 11	2 21	22 2	2 24	16 46	1 20	2 24	0 37	25 0	0 56	6 31	1 26	5 54	0 21	11 15	1 11	35 27	17 35	2 20	1 45	9 17			n.a.
S 20	13 10	10 18	3 25	21 34	2 21	16 22	1 19	2 39	0 37	25 0	0 56	6 33	1 25	5 55	0 21	11 15	1 11	35 27	17 35	2 19	1 47	9 15			n.a.
M21	12 50	13 44	4 15	21 4	2 17	15 57	1 18	2 55	0 38	25 1	0 56	6 36	1 25	5 56	0 21	11 16	1 11	35 28	17 34	2 19	1 48	9 13			n.a.
T 22	12 30	16 20	4 51	20 32	2 13	15 31	1 17	3 11	0 38	25 1	0 57	6 38	1 25	5 57	0 21	11 16	1 11	35 28	17 34	2 19	1 49	9 12			n.a.
W23	12 9	18 3	5 10	19 58	2 8	15 5	1 16	3 26	0 39	25 2	0 57	6 40	1 25	5 58	0 21	11 17	1 11	35 28	17 34	2 19	1 51	9 10			n.a.
T 24	11 49	18 51	5 14	19 22	2 3	14 39	1 15	3 42	0 39	25 2	0 57	6 43	1 25	5 59	0 21	11 17	1 11	35 28	17 34	2 20	1 52	9 8			n.a.
F 25	11 28	18 43	5 4	18 43	1 57	14 12	1 14	3 57	0 39	25 3	0 57	6 45	1 24	6 0	0 21	11 17	1 11	35 29	17 34	2 21	1 53	9 7			n.a.
S 26	11 7	17 44	4 40	18 3	1 51	13 45	1 13	4 13	0 40	25 3	0 58	6 48	1 24	6 1	0 21	11 18	1 11	35 29	17 33	2 22	1 54	9 5			n.a.
S 27	10 46	15 58	4 4	17 20	1 44	13 18	1 11	4 28	0 40	25 4	0 58	6 50	1 24	6 3	0 21	11 19	1 11	35 29	17 33	2 24	1 56	9 3			n.a.
M28	10 25	13 32	3 17	16 35	1 36	12 50	1 10	4 43	0 41	25 4	0 58	6 53	1 24	6 4	0 21	11 19	1 11	35 29	17 33	2 25	1 57	9 2			n.a.
T 29	10 3	10 33	2 23	15 48	1 28	12 22	1 9	4 59	0 41	25 5	0 59	6 55	1 24	6 5	0 21	11 20	1 11	35 29	17 32	2 26	1 58	9 0			n.a.
W30	9 42	7 9	1 22	14 59	1 19	11 53	1 7	5 14	0 42	25 5	0 59	6 58	1 23	6 6	0 21	11 20	1 11	35 30	17 32	2 27	2 0	8 58			n.a.
T 31	9s20	3s28	0n17	14s 8	1s11	11s25	1s 6	5n30	0n42	25s 5	0s59	7n 1	1s23	6n 7	0s21	11n21	1s11	35n30	17n32	2n27	2n 1	8s56			n.a.

Julian Day Number = 193641.5, Delta T = 32h23m19s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'14, Lahiri = -61°25'14 Julian Calendar 1 March 4183 BCE == Greg. Calendar 27 Jan. 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

APRIL 4183 BCE (-4182) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s58	0n22	0s48	13s16	1s 1	10s56	1s 4	5n45	0n43	25s 6	0s59	7n 3	1s23	6n 9	0s21	11n21	1s11	35n30	17n32	2n27	2n 2	8s55		n.a.
S 2	8 36	4 13	1 52	12 21	0 52	10 26	1 3	6 0	0 43	25 6	1 0	7 6	1 23	6 10	0 21	11 22	1 11	35 30	17 31	2 27	2 4	8 53		n.a.
S 3	8 14	7 56	2 52	11 26	0 42	9 57	1 1	6 15	0 43	25 6	1 0	7 8	1 23	6 11	0 21	11 22	1 11	35 30	17 31	2 26	2 5	8 51		n.a.
M 4	7 52	11 22	3 45	10 28	0 32	9 27	1 0	6 31	0 44	25 7	1 0	7 11	1 23	6 12	0 21	11 23	1 10	35 30	17 31	2 26	2 6	8 50		n.a.
T 5	7 30	14 21	4 28	9 30	0 21	8 57	0 58	6 46	0 44	25 7	1 0	7 14	1 22	6 13	0 21	11 23	1 10	35 30	17 30	2 25	2 7	8 48		n.a.
W 6	7 8	16 43	4 59	8 30	0 11	8 27	0 56	7 1	0 45	25 7	1 1	7 16	1 22	6 15	0 21	11 24	1 10	35 30	17 30	2 25	2 9	8 46		n.a.
T 7	6 45	18 17	5 16	7 30	0 0	7 56	0 55	7 16	0 45	25 8	1 1	7 19	1 22	6 16	0 21	11 25	1 10	35 30	17 30	2 25	2 10	8 45		n.a.
F 8	6 23	18 51	5 15	6 28	0n10	7 26	0 53	7 31	0 45	25 8	1 1	7 22	1 22	6 17	0 21	11 25	1 10	35 30	17 29	2 25	2 11	8 43		n.a.
S 9	6 0	18 18	4 56	5 27	0 20	6 55	0 51	7 46	0 46	25 8	1 2	7 25	1 22	6 19	0 21	11 26	1 10	35 30	17 29	2 25	2 13	8 41		n.a.
S 10	5 38	16 34	4 18	4 25	0 30	6 24	0 49	8 1	0 46	25 9	1 2	7 27	1 22	6 20	0 21	11 26	1 10	35 30	17 28	2 26	2 14	8 40		n.a.
M11	5 15	13 42	3 22	3 24	0 40	5 53	0 47	8 16	0 47	25 9	1 2	7 30	1 22	6 21	0 21	11 27	1 10	35 30	17 28	2 26	2 15	8 38		n.a.
T 12	4 52	9 52	2 11	2 22	0 50	5 21	0 45	8 31	0 47	25 9	1 2	7 33	1 21	6 22	0 21	11 28	1 10	35 30	17 28	2 26	2 16	8 36		n.a.
W13	4 29	5 22	0 51	1 22	0 59	4 50	0 43	8 46	0 47	25 10	1 3	7 36	1 21	6 24	0 21	11 28	1 10	35 30	17 27	2 27	2 18	8 34		n.a.
T 14	4 6	0 32	0n33	0 21	1 8	4 18	0 41	9 1	0 48	25 10	1 3	7 38	1 21	6 25	0 21	11 29	1 10	35 30	17 27	2 27	2 19	8 33		n.a.
F 15	3 43	4s17	1 53	0n38	1 16	3 47	0 39	9 16	0 48	25 10	1 3	7 41	1 21	6 26	0 21	11 30	1 10	35 30	17 26	2 26	2 20	8 31		n.a.
S 16	3 20	8 43	3 5	1 36	1 24	3 15	0 37	9 31	0 49	25 10	1 4	7 44	1 21	6 28	0 21	11 30	1 10	35 30	17 26	2 26	2 22	8 29		n.a.
S 17	2 57	12 32	4 3	2 33	1 32	2 43	0 35	9 45	0 49	25 11	1 4	7 47	1 21	6 29	0 21	11 31	1 10	35 30	17 25	2 26	2 23	8 28		n.a.
M18	2 34	15 31	4 45	3 29	1 38	2 11	0 33	10 0	0 49	25 11	1 4	7 50	1 20	6 30	0 20	11 32	1 10	35 30	17 25	2 26	2 24	8 26		n.a.
T 19	2 11	17 35	5 10	4 23	1 44	1 39	0 31	10 15	0 50	25 11	1 5	7 52	1 20	6 32	0 20	11 32	1 10	35 30	17 25	2 26	2 26	8 24		n.a.
W20	1 47	18 40	5 18	5 16	1 50	1 7	0 29	10 29	0 50	25 11	1 5	7 55	1 20	6 33	0 20	11 33	1 10	35 30	17 24	2 26	2 27	8 22		n.a.
T 21	1 24	18 47	5 11	6 7	1 55	0 35	0 26	10 44	0 50	25 12	1 5	7 58	1 20	6 34	0 20	11 34	1 10	35 29	17 24	2 26	2 28	8 21		n.a.
F 22	1 1	18 1	4 50	6 57	1 59	0 2	0 24	10 58	0 51	25 12	1 6	8 1	1 20	6 36	0 20	11 34	1 10	35 29	17 23	2 26	2 29	8 19		n.a.
S 23	0 38	16 26	4 16	7 45	2 3	0n30	0 22	11 12	0 51	25 12	1 6	8 4	1 20	6 37	0 20	11 35	1 10	35 29	17 23	2 26	2 31	8 17		n.a.
S 24	0 14	14 10	3 32	8 31	2 6	1 2	0 20	11 27	0 52	25 12	1 6	8 7	1 20	6 39	0 20	11 36	1 10	35 29	17 22	2 26	2 32	8 16		n.a.
M25	0n 9	11 20	2 38	9 16	2 8	1 34	0 17	11 41	0 52	25 13	1 7	8 10	1 20	6 40	0 20	11 37	1 10	35 29	17 22	2 26	2 33	8 14		n.a.
T 26	0 32	8 2	1 39	9 59	2 10	2 6	0 15	11 55	0 52	25 13	1 7	8 13	1 19	6 41	0 20	11 37	1 10	35 28	17 21	2 25	2 35	8 12		n.a.
W27	0 55	4 24	0 35	10 40	2 11	2 38	0 13	12 9	0 53	25 13	1 7	8 16	1 19	6 43	0 20	11 38	1 10	35 28	17 21	2 25	2 36	8 10		n.a.
T 28	1 19	0 35	0s31	11 19	2 11	3 10	0 10	12 23	0 53	25 13	1 8	8 18	1 19	6 44	0 20	11 39	1 10	35 28	17 20	2 25	2 37	8 9		n.a.
F 29	1 42	3n17	1 36	11 56	2 11	3 42	0 8	12 37	0 53	25 14	1 8	8 21	1 19	6 46	0 20	11 39	1 10	35 28	17 20	2 25	2 38	8 7		n.a.
S 30	2n 5	7n 4	2s38	12n32	2n11	4n14	0s 6	12n51	0n54	25s14	1s 8	8n24	1s19	6n47	0s20	11n40	1s10	35n27	17n19	2n26	2n40	8s 5		n.a.

Julian Day Number = 193672.5, Delta T = 32h23m16s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'10, Lahiri = -61°25'10 Julian Calendar 1 Apr. 4183 BCE == Greg. Calendar 27 Feb. 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

MAY 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 25 23	6♈ 3'25	6♉ 7	28♈ 5	11♈52	1♉17	2♊ 8	24♈17	17♈39	2♉45	7°R45	24°R 1	23♍25	6♓15	n.a.	S 1
M 2	12 29 20	7° 0'25	18°36	29°37	13° 5	1°54	2°13	24°24	17°43	2°47	7♌44	23♍59	23°22	6°22	n.a.	M 2
T 3	12 33 16	7°57'26	1♊19	1♉ 7	14°19	2°32	2°17	24°32	17°47	2°49	7°43	23°58	23°19	6°29	n.a.	T 3
W 4	12 37 13	8°54'26	14°18	2°35	15°33	3°10	2°21	24°39	17°50	2°51	7°43	23°56	23°16	6°35	n.a.	W 4
T 5	12 41 9	9°51'27	27°33	4° 0	16°47	3°47	2°25	24°47	17°54	2°53	7°42	23°55	23°12	6°42	n.a.	T 5
F 6	12 45 6	10°48'28	11♋ 8	5°23	18° 1	4°25	2°29	24°54	17°57	2°55	7°42	23°D55	23° 9	6°49	n.a.	F 6
S 7	12 49 3	11°45'29	25° 2	6°44	19°14	5° 3	2°32	25° 2	18° 1	2°57	7°41	23°55	23° 6	6°55	n.a.	S 7
S 8	12 52 59	12°42'30	9♌16	8° 3	20°28	5°40	2°36	25°10	18° 5	2°59	7°41	23°56	23° 3	7° 2	n.a.	S 8
M 9	12 56 56	13°39'31	23°47	9°19	21°42	6°18	2°39	25°17	18° 8	3° 1	7°40	23°57	23° 0	7° 9	n.a.	M 9
T 10	13 0 52	14°36'33	8♍32	10°32	22°56	6°56	2°42	25°25	18°12	3° 3	7°40	23°58	22°57	7°15	n.a.	T 10
W11	13 4 49	15°33'35	23°25	11°43	24°10	7°34	2°45	25°33	18°15	3° 6	7°40	23°R59	22°53	7°22	n.a.	W11
T 12	13 8 46	16°30'38	8♎19	12°51	25°23	8°12	2°48	25°40	18°19	3° 8	7°39	23°58	22°50	7°29	n.a.	T 12
F 13	13 12 42	17°27'41	23° 8	13°57	26°37	8°49	2°50	25°48	18°23	3°10	7°39	23°57	22°47	7°35	n.a.	F 13
S 14	13 16 39	18°24'45	7♏42	15° 0	27°51	9°27	2°53	25°56	18°26	3°12	7°39	23°54	22°44	7°42	n.a.	S 14
S 15	13 20 35	19°21'50	21°56	16° 0	29° 5	10° 5	2°55	26° 3	18°30	3°14	7°39	23°51	22°41	7°49	n.a.	S 15
M16	13 24 32	20°18'56	5♐46	16°57	0♑19	10°43	2°57	26°11	18°34	3°16	7°38	23°47	22°37	7°55	n.a.	M16
T 17	13 28 28	21°16'03	19°10	17°50	1°33	11°21	2°59	26°19	18°37	3°19	7°38	23°44	22°34	8° 2	n.a.	T 17
W18	13 32 25	22°13'11	2♑ 8	18°41	2°47	11°59	3° 0	26°27	18°41	3°21	7°38	23°41	22°31	8° 9	n.a.	W18
T 19	13 36 22	23°10'20	14°44	19°28	4° 0	12°37	3° 2	26°34	18°45	3°23	7°38	23°39	22°28	8°15	n.a.	T 19
F 20	13 40 18	24° 7'30	27° 1	20°12	5°14	13°15	3° 3	26°42	18°48	3°25	7°38	23°D39	22°25	8°22	n.a.	F 20
S 21	13 44 15	25° 4'42	9♒ 3	20°52	6°28	13°53	3° 4	26°50	18°52	3°27	7°D38	23°40	22°22	8°29	n.a.	S 21
S 22	13 48 11	26° 1'55	20°56	21°28	7°42	14°31	3° 5	26°58	18°55	3°30	7°38	23°41	22°18	8°35	n.a.	S 22
M23	13 52 8	26°59'09	2♓44	22° 0	8°56	15° 9	3° 5	27° 5	18°59	3°32	7°38	23°43	22°15	8°42	n.a.	M23
T 24	13 56 4	27°56'24	14°32	22°28	10°10	15°47	3° 6	27°13	19° 3	3°34	7°38	23°45	22°12	8°48	n.a.	T 24
W25	14 0 1	28°53'40	26°24	22°52	11°24	16°25	3° 6	27°21	19° 6	3°36	7°38	23°R45	22° 9	8°55	n.a.	W25
T 26	14 3 58	29°50'58	8♈23	23°11	12°38	17° 3	3°R 6	27°29	19°10	3°38	7°38	23°44	22° 6	9° 2	n.a.	T 26
F 27	14 7 54	0♉48'17	20°33	23°26	13°52	17°41	3° 6	27°36	19°13	3°41	7°38	23°41	22° 2	9° 8	n.a.	F 27
S 28	14 11 51	1°45'37	2♉54	23°36	15° 6	18°19	3° 6	27°44	19°17	3°43	7°39	23°36	21°59	9°15	n.a.	S 28
S 29	14 15 47	2°42'59	15°28	23°R40	16°20	18°58	3° 5	27°52	19°20	3°45	7°39	23°31	21°56	9°22	n.a.	S 29
M30	14 19 44	3°40'21	28°16	23°40	17°34	19°36	3° 4	27°59	19°24	3°47	7°39	23°24	21°53	9°28	n.a.	M30
T 31	14 23 40	4♉37'45	11♊18	23♉34	18♉48	20♉14	3♊ 3	28♈ 7	19♈28	3♉50	7♌40	23♍17	21♍50	9♓35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	2n28	10n36	3s33	13n 5	2n 9	4n46	0s 3	13n 5	0n54	25s14	1s 9	8n27	1s19	6n48	0s20	11n41	1s10	35n27	17n19	2n26	2n41	8s 4			n.a.
M 2	2 51	13 43	4 18	13 37	2 7	5 18	0 1	13 19	0 54	25 14	1 9	8 30	1 19	6 50	0 20	11 42	1 9	35 27	17 18	2 27	2 42	8 2			n.a.
T 3	3 15	16 14	4 52	14 8	2 5	5 49	0n 1	13 33	0 55	25 15	1 9	8 33	1 19	6 51	0 20	11 42	1 9	35 26	17 18	2 28	2 44	8 0			n.a.
W 4	3 38	18 0	5 12	14 36	2 1	6 21	0 4	13 46	0 55	25 15	1 10	8 36	1 18	6 53	0 20	11 43	1 9	35 26	17 17	2 28	2 45	7 58			n.a.
T 5	4 1	18 49	5 16	15 3	1 58	6 52	0 6	14 0	0 55	25 15	1 10	8 39	1 18	6 54	0 20	11 44	1 9	35 26	17 17	2 29	2 46	7 57			n.a.
F 6	4 24	18 36	5 2	15 28	1 53	7 23	0 8	14 13	0 56	25 16	1 10	8 42	1 18	6 56	0 20	11 45	1 9	35 25	17 16	2 29	2 47	7 55			n.a.
S 7	4 47	17 17	4 31	15 51	1 48	7 54	0 11	14 26	0 56	25 16	1 11	8 45	1 18	6 57	0 20	11 45	1 9	35 25	17 15	2 29	2 49	7 53			n.a.
S 8	5 9	14 52	3 43	16 12	1 43	8 25	0 13	14 40	0 56	25 16	1 11	8 48	1 18	6 58	0 20	11 46	1 9	35 25	17 15	2 28	2 50	7 51			n.a.
M 9	5 32	11 28	2 39	16 31	1 37	8 56	0 16	14 53	0 56	25 16	1 11	8 51	1 18	7 0	0 20	11 47	1 9	35 24	17 14	2 28	2 51	7 50			n.a.
T 10	5 55	7 18	1 24	16 49	1 30	9 26	0 18	15 6	0 57	25 17	1 12	8 54	1 18	7 1	0 20	11 48	1 9	35 24	17 14	2 28	2 53	7 48			n.a.
W11	6 17	2 38	0 3	17 5	1 23	9 56	0 20	15 19	0 57	25 17	1 12	8 57	1 18	7 3	0 20	11 48	1 9	35 23	17 13	2 27	2 54	7 46			n.a.
T 12	6 40	2s12	1n18	17 20	1 15	10 26	0 23	15 32	0 57	25 17	1 12	9 0	1 18	7 4	0 20	11 49	1 9	35 23	17 13	2 28	2 55	7 44			n.a.
F 13	7 2	6 52	2 34	17 32	1 7	10 56	0 25	15 45	0 58	25 18	1 13	9 3	1 18	7 6	0 20	11 50	1 9	35 22	17 12	2 28	2 57	7 43			n.a.
S 14	7 25	11 2	3 38	17 43	0 58	11 25	0 27	15 58	0 58	25 18	1 13	9 6	1 17	7 7	0 20	11 51	1 9	35 22	17 12	2 29	2 58	7 41			n.a.
S 15	7 47	14 28	4 27	17 52	0 49	11 55	0 29	16 10	0 58	25 18	1 13	9 8	1 17	7 8	0 20	11 52	1 9	35 22	17 11	2 31	2 59	7 39			n.a.
M16	8 9	16 58	4 59	18 0	0 40	12 24	0 32	16 23	0 59	25 18	1 14	9 11	1 17	7 10	0 20	11 52	1 9	35 21	17 10	2 32	3 0	7 37			n.a.
T 17	8 31	18 27	5 13	18 6	0 29	12 52	0 34	16 35	0 59	25 19	1 14	9 14	1 17	7 11	0 20	11 53	1 9	35 21	17 10	2 34	3 2	7 36			n.a.
W18	8 53	18 55	5 11	18 10	0 19	13 21	0 36	16 48	0 59	25 19	1 14	9 17	1 17	7 13	0 20	11 54	1 9	35 20	17 9	2 35	3 3	7 34			n.a.
T 19	9 15	18 25	4 53	18 13	0 7	13 49	0 38	17 0	0 59	25 19	1 15	9 20	1 17	7 14	0 20	11 55	1 9	35 19	17 9	2 35	3 4	7 32			n.a.
F 20	9 37	17 3	4 23	18 14	0s 4	14 16	0 41	17 12	1 0	25 20	1 15	9 23	1 17	7 15	0 20	11 55	1 9	35 19	17 8	2 35	3 6	7 30			n.a.
S 21	9 58	14 57	3 41	18 13	0 16	14 44	0 43	17 24	1 0	25 20	1 16	9 26	1 17	7 17	0 20	11 56	1 9	35 18	17 7	2 35	3 7	7 29			n.a.
S 22	10 20	12 14	2 50	18 11	0 29	15 10	0 45	17 36	1 0	25 20	1 16	9 29	1 17	7 18	0 20	11 57	1 9	35 18	17 7	2 34	3 8	7 27			n.a.
M23	10 41	9 2	1 53	18 7	0 41	15 37	0 47	17 48	1 0	25 21	1 16	9 32	1 17	7 20	0 20	11 58	1 9	35 17	17 6	2 34	3 9	7 25			n.a.
T 24	11 2	5 29	0 50	18 2	0 54	16 3	0 49	17 59	1 1	25 21	1 17	9 35	1 17	7 21	0 20	11 59	1 9	35 17	17 6	2 33	3 11	7 23			n.a.
W25	11 23	1 41	0s15	17 55	1 8	16 29	0 51	18 11	1 1	25 21	1 17	9 38	1 17	7 23	0 20	11 59	1 9	35 16	17 5	2 33	3 12	7 22			n.a.
T 26	11 44	2n13	1 19	17 47	1 21	16 54	0 53	18 22	1 1	25 22	1 17	9 41	1 16	7 24	0 20	12 0	1 9	35 15	17 4	2 33	3 13	7 20			n.a.
F 27	12 5	6 4	2 21	17 37	1 35	17 19	0 55	18 34	1 1	25 22	1 18	9 44	1 16	7 25	0 20	12 1	1 9	35 15	17 4	2 35	3 15	7 18			n.a.
S 28	12 25	9 45	3 17	17 26	1 49	17 44	0 57	18 45	1 2	25 23	1 18	9 47	1 16	7 27	0 20	12 2	1 9	35 14	17 3	2 36	3 16	7 16			n.a.
S 29	12 45	13 2	4 5	17 14	2 3	18 8	0 59	18 56	1 2	25 23	1 18	9 50	1 16	7 28	0 20	12 3	1 9	35 14	17 3	2 39	3 17	7 15			n.a.
M30	13 5	15 47	4 41	17 0	2 17	18 31	1 1	19 7	1 2	25 23	1 19	9 52	1 16	7 30	0 20	12 3	1 9	35 13	17 2	2 42	3 18	7 13			n.a.
T 31	13n25	17n46	5s 3	16n46	2s31	18n54	1n 3	19n18	1n 2	25s24	1s19	9n55	1s16	7n31	0s20	12n 4	1s 9	35n12	17n 2	2n44	3n20	7s11			n.a.

Julian Day Number = 193702.5, Delta T = 32h23m12s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'06, Lahiri = -61°25'06 Julian Calendar 1 May 4183 BCE == Greg. Calendar 29 March 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

JUNE 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 27 37	5♉35'10	24♊32	23°R23	20♉ 1	20♉52	3°R 2	28♈15	19♈31	3♉52	7♌40	23°R11	21♍47	9♓42	n.a.	W 1
T 2	14 31 34	6°32'36	8♋ 0	23♉ 7	21°15	21°30	3♋ 1	28°23	19°35	3°54	7°40	23♍ 6	21°43	9°48	n.a.	T 2
F 3	14 35 30	7°30'03	21°40	22°46	22°29	22° 9	2°59	28°30	19°38	3°56	7°41	23° 3	21°40	9°55	n.a.	F 3
S 4	14 39 27	8°27'32	5♌32	22°20	23°43	22°47	2°58	28°38	19°42	3°59	7°41	23°D 2	21°37	10° 2	n.a.	S 4
S 5	14 43 23	9°25'01	19°36	21°49	24°57	23°25	2°56	28°46	19°45	4° 1	7°42	23° 2	21°34	10° 8	n.a.	S 5
M 6	14 47 20	10°22'32	3♍51	21°14	26°11	24° 4	2°54	28°53	19°49	4° 3	7°42	23° 3	21°31	10°15	n.a.	M 6
T 7	14 51 16	11°20'03	18°14	20°34	27°25	24°42	2°51	29° 1	19°52	4° 5	7°43	23°R 4	21°28	10°22	n.a.	T 7
W 8	14 55 13	12°17'36	2♎44	19°51	28°39	25°20	2°49	29° 9	19°55	4° 7	7°43	23° 4	21°24	10°28	n.a.	W 8
T 9	14 59 10	13°15'10	17°16	19° 5	29°53	25°59	2°46	29°16	19°59	4°10	7°44	23° 2	21°21	10°35	n.a.	T 9
F 10	15 3 6	14°12'46	1♏45	18°17	1♊ 7	26°37	2°43	29°24	20° 2	4°12	7°45	22°57	21°18	10°41	n.a.	F 10
S 11	15 7 3	15°10'23	16° 4	17°28	2°21	27°16	2°40	29°31	20° 6	4°14	7°45	22°51	21°15	10°48	n.a.	S 11
S 12	15 10 59	16° 8'02	0♐ 8	16°38	3°35	27°54	2°37	29°39	20° 9	4°16	7°46	22°43	21°12	10°55	n.a.	S 12
M13	15 14 56	17° 5'43	13°52	15°49	4°49	28°33	2°34	29°46	20°12	4°18	7°47	22°34	21° 8	11° 1	n.a.	M13
T 14	15 18 52	18° 3'25	27°14	15° 1	6° 3	29°11	2°30	29°54	20°16	4°21	7°48	22°25	21° 5	11° 8	n.a.	T 14
W15	15 22 49	19° 1'10	10♑12	14°16	7°17	29°50	2°26	0♉ 1	20°19	4°23	7°48	22°18	21° 2	11°15	n.a.	W15
T 16	15 26 46	19°58'56	22°49	13°34	8°31	0♊28	2°22	0° 9	20°22	4°25	7°49	22°12	20°59	11°21	n.a.	T 16
F 17	15 30 42	20°56'44	5♒ 6	12°57	9°45	1° 7	2°18	0°16	20°26	4°27	7°50	22° 9	20°56	11°28	n.a.	F 17
S 18	15 34 39	21°54'34	17° 9	12°25	10°59	1°46	2°14	0°24	20°29	4°29	7°51	22°D 7	20°53	11°35	n.a.	S 18
S 19	15 38 35	22°52'26	29° 2	11°59	12°13	2°24	2°10	0°31	20°32	4°31	7°52	22° 7	20°49	11°41	n.a.	S 19
M20	15 42 32	23°50'21	10♓50	11°39	13°27	3° 3	2° 5	0°38	20°35	4°34	7°53	22° 8	20°46	11°48	n.a.	M20
T 21	15 46 28	24°48'17	22°40	11°26	14°41	3°42	2° 0	0°46	20°38	4°36	7°54	22°R 9	20°43	11°55	n.a.	T 21
W22	15 50 25	25°46'15	4♈35	11°D20	15°55	4°21	1°55	0°53	20°41	4°38	7°55	22° 8	20°40	12° 1	n.a.	W22
T 23	15 54 21	26°44'16	16°40	11°23	17° 9	4°59	1°50	1° 0	20°45	4°40	7°56	22° 5	20°37	12° 8	n.a.	T 23
F 24	15 58 18	27°42'18	28°59	11°33	18°23	5°38	1°45	1° 8	20°48	4°42	7°57	22° 0	20°34	12°15	n.a.	F 24
S 25	16 2 15	28°40'23	11♉35	11°51	19°37	6°17	1°39	1°15	20°51	4°44	7°59	21°52	20°30	12°21	n.a.	S 25
S 26	16 6 11	29°38'30	24°27	12°17	20°51	6°56	1°34	1°22	20°54	4°46	8° 0	21°42	20°27	12°28	n.a.	S 26
M27	16 10 8	0♊36'39	7♊37	12°51	22° 5	7°35	1°28	1°29	20°57	4°48	8° 1	21°31	20°24	12°35	n.a.	M27
T 28	16 14 4	1°34'49	21° 2	13°33	23°19	8°14	1°22	1°36	21° 0	4°50	8° 2	21°19	20°21	12°41	n.a.	T 28
W29	16 18 1	2°33'02	4♋41	14°23	24°33	8°53	1°16	1°43	21° 3	4°52	8° 3	21° 8	20°18	12°48	n.a.	W29
T 30	16 21 57	3♊31'17	18♋29	15♉20	25♊47	9♊32	1♋10	1♉50	21♈ 6	4♉54	8♌ 5	21♍ 0	20♍14	12♓54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n45	18n50	5s10	16n30	2s44	19n17	1n 5	19n29	1n 3	25s24	1s19	9n58	1s16	7n32	0s20	12n 5	1s 9	35n12	17n 1	2n47	3n21	7s 9		n.a.
T 2	14 5	18 53	4 59	16 13	2 58	19 39	1 6	19 39	1 3	25 24	1 20	10 1	1 16	7 34	0 20	12 6	1 9	35 11	17 0	2 49	3 22	7 8		n.a.
F 3	14 24	17 50	4 32	15 55	3 10	20 0	1 8	19 50	1 3	25 25	1 20	10 4	1 16	7 35	0 20	12 6	1 9	35 10	17 0	2 50	3 24	7 6		n.a.
S 4	14 43	15 43	3 49	15 37	3 22	20 21	1 10	20 0	1 3	25 25	1 21	10 7	1 16	7 36	0 20	12 7	1 9	35 10	16 59	2 50	3 25	7 4		n.a.
S 5	15 2	12 39	2 51	15 18	3 34	20 41	1 11	20 11	1 4	25 26	1 21	10 10	1 16	7 38	0 20	12 8	1 9	35 9	16 59	2 50	3 26	7 2		n.a.
M 6	15 21	8 48	1 42	14 58	3 44	21 1	1 13	20 21	1 4	25 26	1 21	10 12	1 16	7 39	0 20	12 9	1 9	35 8	16 58	2 50	3 27	7 0		n.a.
T 7	15 39	4 23	0 26	14 39	3 53	21 20	1 14	20 31	1 4	25 26	1 22	10 15	1 16	7 40	0 20	12 10	1 9	35 7	16 57	2 50	3 29	6 59		n.a.
W 8	15 57	0s20	0n52	14 20	4 1	21 39	1 16	20 40	1 4	25 27	1 22	10 18	1 16	7 42	0 20	12 10	1 9	35 7	16 57	2 50	3 30	6 57		n.a.
T 9	16 15	5 1	2 7	14 1	4 8	21 57	1 17	20 50	1 4	25 27	1 22	10 21	1 16	7 43	0 20	12 11	1 9	35 6	16 56	2 51	3 31	6 55		n.a.
F 10	16 33	9 24	3 13	13 43	4 13	22 14	1 19	21 0	1 5	25 28	1 23	10 24	1 16	7 44	0 20	12 12	1 9	35 5	16 56	2 52	3 33	6 53		n.a.
S 11	16 50	13 11	4 6	13 26	4 16	22 31	1 20	21 9	1 5	25 28	1 23	10 26	1 16	7 46	0 20	12 13	1 9	35 4	16 55	2 55	3 34	6 52		n.a.
S 12	17 8	16 8	4 43	13 10	4 18	22 47	1 21	21 18	1 5	25 28	1 23	10 29	1 16	7 47	0 20	12 13	1 9	35 4	16 54	2 58	3 35	6 50		n.a.
M13	17 25	18 6	5 3	12 56	4 17	23 3	1 22	21 27	1 5	25 29	1 24	10 32	1 15	7 48	0 20	12 14	1 9	35 3	16 54	3 2	3 36	6 48		n.a.
T 14	17 41	19 0	5 5	12 44	4 15	23 17	1 23	21 36	1 5	25 29	1 24	10 35	1 15	7 50	0 20	12 15	1 9	35 2	16 53	3 5	3 38	6 46		n.a.
W15	17 58	18 52	4 52	12 34	4 12	23 32	1 24	21 45	1 6	25 30	1 24	10 37	1 15	7 51	0 20	12 16	1 9	35 1	16 53	3 8	3 39	6 44		n.a.
T 16	18 14	17 47	4 24	12 27	4 6	23 45	1 25	21 54	1 6	25 30	1 25	10 40	1 15	7 52	0 20	12 16	1 9	35 0	16 52	3 11	3 40	6 43		n.a.
F 17	18 30	15 54	3 45	12 23	3 59	23 58	1 26	22 2	1 6	25 31	1 25	10 43	1 15	7 53	0 20	12 17	1 9	35 0	16 52	3 12	3 42	6 41		n.a.
S 18	18 45	13 20	2 56	12 21	3 50	24 10	1 27	22 10	1 6	25 31	1 25	10 46	1 15	7 55	0 20	12 18	1 9	34 59	16 51	3 13	3 43	6 39		n.a.
S 19	19 0	10 15	2 1	12 23	3 40	24 21	1 28	22 19	1 6	25 31	1 26	10 48	1 15	7 56	0 20	12 19	1 9	34 58	16 50	3 13	3 44	6 37		n.a.
M20	19 15	6 47	1 0	12 28	3 28	24 31	1 29	22 27	1 7	25 32	1 26	10 51	1 15	7 57	0 20	12 19	1 9	34 57	16 50	3 12	3 45	6 35		n.a.
T 21	19 30	3 2	0s 3	12 36	3 15	24 41	1 30	22 34	1 7	25 32	1 26	10 53	1 15	7 58	0 20	12 20	1 9	34 56	16 49	3 12	3 47	6 34		n.a.
W22	19 44	0n52	1 6	12 47	3 2	24 50	1 30	22 42	1 7	25 33	1 27	10 56	1 15	8 0	0 20	12 21	1 9	34 56	16 49	3 12	3 48	6 32		n.a.
T 23	19 58	4 47	2 7	13 1	2 48	24 59	1 31	22 50	1 7	25 33	1 27	10 59	1 15	8 1	0 20	12 22	1 9	34 55	16 48	3 14	3 49	6 30		n.a.
F 24	20 12	8 34	3 3	13 19	2 33	25 6	1 31	22 57	1 7	25 33	1 27	11 1	1 15	8 2	0 20	12 22	1 9	34 54	16 48	3 16	3 51	6 28		n.a.
S 25	20 25	12 4	3 52	13 39	2 17	25 13	1 32	23 4	1 7	25 34	1 28	11 4	1 15	8 3	0 20	12 23	1 9	34 53	16 47	3 19	3 52	6 26		n.a.
S 26	20 38	15 4	4 29	14 2	2 1	25 19	1 32	23 11	1 8	25 34	1 28	11 6	1 15	8 4	0 20	12 24	1 9	34 52	16 47	3 23	3 53	6 25		n.a.
M27	20 51	17 22	4 54	14 28	1 45	25 24	1 32	23 18	1 8	25 34	1 28	11 9	1 15	8 5	0 20	12 24	1 9	34 51	16 46	3 27	3 54	6 23		n.a.
T 28	21 3	18 46	5 2	14 56	1 30	25 29	1 33	23 25	1 8	25 35	1 28	11 12	1 15	8 7	0 20	12 25	1 9	34 50	16 45	3 32	3 56	6 21		n.a.
W29	21 15	19 8	4 54	15 26	1 14	25 32	1 33	23 31	1 8	25 35	1 29	11 14	1 15	8 8	0 20	12 26	1 9	34 49	16 45	3 36	3 57	6 19		n.a.
T 30	21n27	18n22	4s29	15n58	0s58	25n35	1n33	23n38	1n 8	25s35	1s29	11n17	1s15	8n 9	0s20	12n26	1s 9	34n49	16n44	3n40	3n58	6s17		n.a.

Julian Day Number = 193733.5, Delta T = 32h23m09s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°32'02, Lahiri = -61°25'01 Julian Calendar 1 June 4183 BCE == Greg. Calendar 29 Apr. 4183 BCE

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

JULY 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 25 54	4♊29'33	2♌25	16♉24	27♊ 1	10♊11	1°R 3	1♉57	21♈ 9	4♉56	8♌ 6	20°R54	20♍11	13♓ 1	n.a.	F 1
S 2	16 29 50	5°27'51	16°26	17°34	28°15	10°50	0♋57	2° 4	21°11	4°58	8° 7	20♍50	20° 8	13° 8	n.a.	S 2
S 3	16 33 47	6°26'11	0♍30	18°51	29°29	11°29	0°50	2°11	21°14	5° 0	8° 9	20°49	20° 5	13°14	n.a.	S 3
M 4	16 37 43	7°24'33	14°37	20°13	0♋43	12° 8	0°44	2°18	21°17	5° 2	8°10	20°49	20° 2	13°21	n.a.	M 4
T 5	16 41 40	8°22'56	28°45	21°40	1°57	12°47	0°37	2°25	21°20	5° 4	8°12	20°49	19°59	13°28	n.a.	T 5
W 6	16 45 37	9°21'21	12♎54	23°12	3°11	13°26	0°30	2°31	21°22	5° 6	8°13	20°48	19°55	13°34	n.a.	W 6
T 7	16 49 33	10°19'48	27° 1	24°49	4°25	14° 6	0°23	2°38	21°25	5° 8	8°15	20°44	19°52	13°41	n.a.	T 7
F 8	16 53 30	11°18'17	11♏ 4	26°29	5°39	14°45	0°16	2°45	21°28	5°10	8°16	20°37	19°49	13°48	n.a.	F 8
S 9	16 57 26	12°16'48	24°59	28°12	6°53	15°24	0° 8	2°51	21°30	5°12	8°18	20°28	19°46	13°54	n.a.	S 9
S 10	17 1 23	13°15'21	8♐42	29°57	8° 7	16° 3	0° 1	2°58	21°33	5°14	8°19	20°16	19°43	14° 1	n.a.	S 10
M11	17 5 19	14°13'57	22°11	1♊45	9°21	16°43	29♐54	3° 4	21°35	5°15	8°21	20° 4	19°39	14° 8	n.a.	M11
T 12	17 9 16	15°12'34	5♑21	3°35	10°34	17°22	29°46	3°11	21°38	5°17	8°23	19°52	19°36	14°14	n.a.	T 12
W13	17 13 12	16°11'14	18°12	5°26	11°48	18° 2	29°39	3°17	21°40	5°19	8°24	19°40	19°33	14°21	n.a.	W13
T 14	17 17 9	17° 9'57	0♒45	7°18	13° 2	18°41	29°31	3°23	21°43	5°21	8°26	19°32	19°30	14°28	n.a.	T 14
F 15	17 21 5	18° 8'41	13° 0	9°10	14°16	19°20	29°23	3°30	21°45	5°23	8°28	19°25	19°27	14°34	n.a.	F 15
S 16	17 25 2	19° 7'28	25° 2	11° 3	15°30	20° 0	29°16	3°36	21°48	5°24	8°30	19°22	19°24	14°41	n.a.	S 16
S 17	17 28 59	20° 6'18	6♓54	12°57	16°44	20°39	29° 8	3°42	21°50	5°26	8°31	19°20	19°20	14°47	n.a.	S 17
M18	17 32 55	21° 5'10	18°42	14°50	17°58	21°19	29° 0	3°48	21°52	5°28	8°33	19°20	19°17	14°54	n.a.	M18
T 19	17 36 52	22° 4'04	0♈31	16°42	19°11	21°59	28°52	3°54	21°54	5°29	8°35	19°20	19°14	15° 1	n.a.	T 19
W20	17 40 48	23° 3'02	12°27	18°35	20°25	22°38	28°44	4° 0	21°57	5°31	8°37	19°19	19°11	15° 7	n.a.	W20
T 21	17 44 45	24° 2'01	24°36	20°27	21°39	23°18	28°36	4° 6	21°59	5°33	8°39	19°16	19° 8	15°14	n.a.	T 21
F 22	17 48 41	25° 1'03	7♉ 0	22°18	22°53	23°58	28°28	4°12	22° 1	5°34	8°41	19°10	19° 5	15°21	n.a.	F 22
S 23	17 52 38	26° 0'08	19°45	24° 8	24° 7	24°37	28°20	4°18	22° 3	5°36	8°42	19° 2	19° 1	15°27	n.a.	S 23
S 24	17 56 34	26°59'15	2♊51	25°58	25°20	25°17	28°12	4°23	22° 5	5°37	8°44	18°52	18°58	15°34	n.a.	S 24
M25	18 0 31	27°58'25	16°20	27°47	26°34	25°57	28° 4	4°29	22° 7	5°39	8°46	18°40	18°55	15°41	n.a.	M25
T 26	18 4 27	28°57'37	0♋ 8	29°36	27°48	26°37	27°56	4°35	22° 9	5°40	8°48	18°27	18°52	15°47	n.a.	T 26
W27	18 8 24	29°56'51	14°12	1♋23	29° 2	27°17	27°48	4°40	22°11	5°42	8°50	18°16	18°49	15°54	n.a.	W27
T 28	18 12 20	0♋56'08	28°27	3°10	0♌15	27°56	27°40	4°46	22°12	5°43	8°52	18° 6	18°45	16° 1	n.a.	T 28
F 29	18 16 17	1°55'27	12♌47	4°55	1°29	28°36	27°32	4°51	22°14	5°45	8°54	18° 0	18°42	16° 7	n.a.	F 29
S 30	18 20 14	2°54'47	27° 8	6°40	2°43	29°16	27°24	4°56	22°16	5°46	8°57	17°56	18°39	16°14	n.a.	S 30
S 31	18 24 10	3♋54'10	11♍25	8♋24	3♌56	29♊56	27♐16	5♉ 1	22♈18	5♉47	8♌59	17♍55	18♍36	16♓21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n38	16n29	3s47	16n31	0s43	25n37	1n33	23n44	1n 8	25s36	1s29	11n19	1s15	8n10	0s20	12n27	1s 9	34n48	16n44	3n42	4n 0	6s16		n.a.
S 2	21 49	13 38	2 52	17 6	0 28	25 39	1 33	23 50	1 8	25 36	1 30	11 21	1 15	8 11	0 20	12 28	1 9	34 47	16 43	3 44	4 1	6 14		n.a.
S 3	21 59	9 58	1 46	17 41	0 14	25 39	1 33	23 55	1 9	25 36	1 30	11 24	1 15	8 12	0 20	12 29	1 9	34 46	16 43	3 44	4 2	6 12		n.a.
M 4	22 9	5 43	0 33	18 17	0 0	25 39	1 32	24 1	1 9	25 37	1 30	11 26	1 15	8 13	0 20	12 29	1 9	34 45	16 42	3 44	4 3	6 10		n.a.
T 5	22 19	1 9	0n42	18 54	0n13	25 38	1 32	24 6	1 9	25 37	1 30	11 29	1 15	8 14	0 20	12 30	1 9	34 44	16 42	3 44	4 5	6 8		n.a.
W 6	22 28	3s29	1 54	19 30	0 25	25 36	1 32	24 12	1 9	25 37	1 31	11 31	1 15	8 15	0 20	12 30	1 9	34 43	16 41	3 45	4 6	6 7		n.a.
T 7	22 37	7 55	2 59	20 5	0 36	25 34	1 31	24 17	1 9	25 38	1 31	11 33	1 15	8 16	0 20	12 31	1 9	34 42	16 41	3 46	4 7	6 5		n.a.
F 8	22 46	11 53	3 53	20 40	0 47	25 30	1 31	24 22	1 9	25 38	1 31	11 36	1 15	8 17	0 20	12 32	1 9	34 41	16 40	3 49	4 9	6 3		n.a.
S 9	22 54	15 9	4 32	21 14	0 57	25 26	1 30	24 26	1 9	25 38	1 31	11 38	1 15	8 18	0 20	12 32	1 9	34 40	16 40	3 53	4 10	6 1		n.a.
S 10	23 2	17 31	4 55	21 46	1 5	25 21	1 30	24 31	1 10	25 38	1 32	11 40	1 15	8 19	0 20	12 33	1 9	34 39	16 39	3 57	4 11	5 59		n.a.
M11	23 9	18 52	5 1	22 17	1 13	25 15	1 29	24 35	1 10	25 39	1 32	11 43	1 15	8 20	0 20	12 34	1 9	34 39	16 39	4 2	4 12	5 58		n.a.
T 12	23 16	19 10	4 50	22 47	1 21	25 9	1 28	24 39	1 10	25 39	1 32	11 45	1 15	8 21	0 20	12 34	1 9	34 38	16 38	4 7	4 14	5 56		n.a.
W13	23 22	18 28	4 25	23 14	1 27	25 1	1 27	24 43	1 10	25 39	1 32	11 47	1 15	8 22	0 20	12 35	1 9	34 37	16 38	4 12	4 15	5 54		n.a.
T 14	23 28	16 52	3 47	23 39	1 32	24 53	1 26	24 47	1 10	25 39	1 32	11 49	1 15	8 23	0 20	12 35	1 9	34 36	16 38	4 16	4 16	5 52		n.a.
F 15	23 34	14 31	3 0	24 3	1 37	24 44	1 25	24 50	1 10	25 39	1 33	11 51	1 15	8 24	0 20	12 36	1 9	34 35	16 37	4 18	4 17	5 50		n.a.
S 16	23 39	11 35	2 5	24 24	1 41	24 35	1 24	24 53	1 10	25 39	1 33	11 54	1 15	8 25	0 20	12 37	1 9	34 34	16 37	4 19	4 19	5 48		n.a.
S 17	23 44	8 13	1 6	24 42	1 44	24 24	1 23	24 56	1 10	25 40	1 33	11 56	1 15	8 26	0 20	12 37	1 9	34 33	16 36	4 20	4 20	5 47		n.a.
M18	23 48	4 32	0 3	24 59	1 46	24 13	1 22	24 59	1 10	25 40	1 33	11 58	1 15	8 27	0 20	12 38	1 9	34 32	16 36	4 20	4 21	5 45		n.a.
T 19	23 52	0 41	0s59	25 13	1 48	24 2	1 21	25 2	1 10	25 40	1 33	12 0	1 15	8 28	0 20	12 38	1 9	34 31	16 35	4 20	4 23	5 43		n.a.
W20	23 55	3n14	1 59	25 25	1 49	23 49	1 19	25 5	1 11	25 40	1 33	12 2	1 15	8 28	0 20	12 39	1 9	34 30	16 35	4 21	4 24	5 41		n.a.
T 21	23 58	7 5	2 55	25 35	1 50	23 36	1 18	25 7	1 11	25 40	1 34	12 4	1 15	8 29	0 20	12 39	1 9	34 29	16 35	4 22	4 25	5 39		n.a.
F 22	24 1	10 43	3 44	25 43	1 50	23 22	1 16	25 9	1 11	25 40	1 34	12 6	1 15	8 30	0 20	12 40	1 9	34 28	16 34	4 24	4 26	5 37		n.a.
S 23	24 3	13 57	4 23	25 48	1 49	23 7	1 15	25 11	1 11	25 40	1 34	12 8	1 15	8 31	0 20	12 40	1 9	34 27	16 34	4 27	4 28	5 36		n.a.
S 24	24 4	16 35	4 50	25 51	1 48	22 52	1 13	25 12	1 11	25 40	1 34	12 10	1 15	8 31	0 20	12 41	1 9	34 26	16 33	4 32	4 29	5 34		n.a.
M25	24 6	18 24	5 1	25 52	1 47	22 36	1 12	25 14	1 11	25 40	1 34	12 12	1 15	8 32	0 20	12 41	1 9	34 25	16 33	4 36	4 30	5 32		n.a.
T 26	24 6	19 12	4 55	25 51	1 45	22 19	1 10	25 15	1 11	25 40	1 34	12 14	1 15	8 33	0 20	12 42	1 9	34 24	16 33	4 41	4 32	5 30		n.a.
W27	24 7	18 50	4 31	25 48	1 42	22 2	1 8	25 16	1 11	25 40	1 34	12 16	1 15	8 34	0 20	12 42	1 9	34 24	16 32	4 46	4 33	5 28		n.a.
T 28	24 6	17 17	3 51	25 44	1 39	21 44	1 6	25 17	1 11	25 40	1 34	12 18	1 15	8 34	0 20	12 43	1 9	34 23	16 32	4 50	4 34	5 26		n.a.
F 29	24 6	14 39	2 55	25 37	1 36	21 26	1 4	25 17	1 11	25 40	1 35	12 19	1 15	8 35	0 20	12 43	1 9	34 22	16 32	4 52	4 35	5 25		n.a.
S 30	24 5	11 8	1 48	25 29	1 33	21 7	1 2	25 18	1 11	25 40	1 35	12 21	1 15	8 36	0 20	12 44	1 9	34 21	16 31	4 54	4 37	5 23		n.a.
S 31	24n 3	6n57	0s34	25n19	1n29	20n47	1n 0	25n18	1n11	25s40	1s35	12n23	1s15	8n36	0s20	12n44	1s 9	34n20	16n31	4n55	4n38	5s21		n.a.

Julian Day Number = 193763.5, Delta T = 32h23m06s
Ecliptic obliquity = 24°06'46, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'58, Lahiri = -61°24'57 Julian Calendar 1 July 4183 BCE == Greg. Calendar 29 May 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

AUGUST 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 28 7	4♋53'34	25♍36	10♋ 7	5♌10	0♋36	27°R 8	5♉ 7	22♈19	5♉49	9♌ 1	17°D54	18♍33	16♓27	n.a.	M 1
T 2	18 32 3	5°53'01	9♎40	11°49	6°24	1°17	27♐ 0	5°12	22°21	5°50	9° 3	17°R55	18°30	16°34	n.a.	T 2
W 3	18 36 0	6°52'30	23°37	13°30	7°37	1°57	26°52	5°17	22°22	5°51	9° 5	17♍54	18°26	16°40	n.a.	W 3
T 4	18 39 56	7°52'00	7♏25	15°11	8°51	2°37	26°45	5°21	22°24	5°53	9° 7	17°50	18°23	16°47	n.a.	T 4
F 5	18 43 53	8°51'33	21° 5	16°51	10° 4	3°17	26°37	5°26	22°25	5°54	9° 9	17°44	18°20	16°54	n.a.	F 5
S 6	18 47 49	9°51'08	4♐34	18°30	11°18	3°57	26°29	5°31	22°27	5°55	9°12	17°36	18°17	17° 0	n.a.	S 6
S 7	18 51 46	10°50'45	17°53	20° 8	12°31	4°37	26°22	5°36	22°28	5°56	9°14	17°25	18°14	17° 7	n.a.	S 7
M 8	18 55 42	11°50'24	0♑59	21°45	13°45	5°18	26°14	5°40	22°29	5°57	9°16	17°14	18°11	17°14	n.a.	M 8
T 9	18 59 39	12°50'05	13°51	23°22	14°58	5°58	26° 7	5°45	22°31	5°59	9°18	17° 2	18° 7	17°20	n.a.	T 9
W10	19 3 35	13°49'49	26°29	24°58	16°12	6°38	26° 0	5°49	22°32	6° 0	9°20	16°52	18° 4	17°27	n.a.	W10
T 11	19 7 32	14°49'35	8♒52	26°33	17°25	7°19	25°52	5°53	22°33	6° 1	9°23	16°43	18° 1	17°34	n.a.	T 11
F 12	19 11 28	15°49'23	21° 1	28° 7	18°38	7°59	25°45	5°58	22°34	6° 2	9°25	16°38	17°58	17°40	n.a.	F 12
S 13	19 15 25	16°49'13	2♓59	29°41	19°52	8°40	25°38	6° 2	22°35	6° 3	9°27	16°34	17°55	17°47	n.a.	S 13
S 14	19 19 21	17°49'06	14°49	1♈14	21° 5	9°20	25°32	6° 6	22°36	6° 4	9°30	16°D33	17°51	17°54	n.a.	S 14
M15	19 23 18	18°49'01	26°36	2°47	22°18	10° 1	25°25	6°10	22°37	6° 5	9°32	16°34	17°48	18° 0	n.a.	M15
T 16	19 27 15	19°48'59	8♈25	4°18	23°31	10°41	25°18	6°14	22°38	6° 6	9°34	16°35	17°45	18° 7	n.a.	T 16
W17	19 31 11	20°48'59	20°19	5°50	24°45	11°22	25°12	6°17	22°39	6° 6	9°37	16°R35	17°42	18°14	n.a.	W17
T 18	19 35 8	21°49'02	2♉26	7°20	25°58	12° 2	25° 5	6°21	22°39	6° 7	9°39	16°34	17°39	18°20	n.a.	T 18
F 19	19 39 4	22°49'07	14°51	8°50	27°11	12°43	24°59	6°25	22°40	6° 8	9°41	16°32	17°36	18°27	n.a.	F 19
S 20	19 43 1	23°49'15	27°36	10°19	28°24	13°24	24°53	6°28	22°41	6° 9	9°44	16°27	17°32	18°33	n.a.	S 20
S 21	19 46 57	24°49'24	10♊47	11°48	29°37	14° 5	24°47	6°32	22°41	6°10	9°46	16°20	17°29	18°40	n.a.	S 21
M22	19 50 54	25°49'37	24°24	13°15	0♍50	14°45	24°41	6°35	22°42	6°10	9°48	16°12	17°26	18°47	n.a.	M22
T 23	19 54 50	26°49'51	8♋26	14°42	2° 3	15°26	24°35	6°38	22°42	6°11	9°51	16° 4	17°23	18°53	n.a.	T 23
W24	19 58 47	27°50'08	22°49	16° 9	3°16	16° 7	24°30	6°41	22°43	6°12	9°53	15°56	17°20	19° 0	n.a.	W24
T 25	20 2 43	28°50'27	7♌27	17°35	4°29	16°48	24°24	6°44	22°43	6°12	9°56	15°49	17°17	19° 7	n.a.	T 25
F 26	20 6 40	29°50'47	22°13	18°59	5°42	17°29	24°19	6°47	22°43	6°13	9°58	15°45	17°13	19°13	n.a.	F 26
S 27	20 10 36	0♌51'10	7♍ 0	20°24	6°55	18°10	24°14	6°50	22°44	6°13	10° 0	15°43	17°10	19°20	n.a.	S 27
S 28	20 14 33	1°51'34	21°40	21°47	8° 8	18°51	24° 9	6°53	22°44	6°14	10° 3	15°D43	17° 7	19°27	n.a.	S 28
M29	20 18 29	2°52'00	6♎ 8	23° 9	9°21	19°32	24° 5	6°55	22°44	6°14	10° 5	15°44	17° 4	19°33	n.a.	M29
T 30	20 22 26	3°52'28	20°22	24°31	10°34	20°13	24° 0	6°58	22°44	6°15	10° 8	15°45	17° 1	19°40	n.a.	T 30
W31	20 26 23	4♌52'57	4♏19	25♌51	11♍46	20♋54	23♐56	7♉ 0	22°R44	6♉15	10♌10	15°R46	16♍57	19♓47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	24n 1	2n25	0n41	25n 7	1n25	20n27	0n58	25n18	1n11	25s40	1s35	12n25	1s15	8n37	0s20	12n45	1s 9	34n19	16n31	4n55	4n39	5s19			n.a.
T 2	23 58	2s13	1 53	24 54	1 20	20 6	0 56	25 18	1 11	25 40	1 35	12 26	1 15	8 38	0 20	12 45	1 9	34 18	16 30	4 55	4 40	5 17			n.a.
W 3	23 56	6 40	2 58	24 39	1 15	19 44	0 53	25 17	1 11	25 39	1 35	12 28	1 15	8 38	0 20	12 46	1 9	34 17	16 30	4 55	4 42	5 15			n.a.
T 4	23 52	10 44	3 52	24 23	1 10	19 22	0 51	25 17	1 11	25 39	1 35	12 30	1 15	8 39	0 20	12 46	1 9	34 16	16 30	4 56	4 43	5 14			n.a.
F 5	23 48	14 11	4 31	24 6	1 5	19 0	0 49	25 16	1 11	25 39	1 35	12 31	1 15	8 39	0 20	12 46	1 9	34 15	16 29	4 59	4 44	5 12			n.a.
S 6	23 44	16 49	4 55	23 47	1 0	18 37	0 46	25 15	1 12	25 39	1 35	12 33	1 16	8 40	0 20	12 47	1 9	34 14	16 29	5 2	4 46	5 10			n.a.
S 7	23 39	18 31	5 3	23 27	0 54	18 13	0 44	25 13	1 12	25 39	1 35	12 34	1 16	8 40	0 20	12 47	1 9	34 13	16 29	5 6	4 47	5 8			n.a.
M 8	23 34	19 12	4 55	23 6	0 48	17 49	0 41	25 12	1 12	25 39	1 35	12 36	1 16	8 41	0 20	12 47	1 9	34 12	16 28	5 11	4 48	5 6			n.a.
T 9	23 28	18 53	4 31	22 43	0 43	17 25	0 39	25 10	1 12	25 38	1 35	12 37	1 16	8 41	0 20	12 48	1 9	34 11	16 28	5 16	4 49	5 4			n.a.
W10	23 22	17 37	3 55	22 20	0 36	17 0	0 36	25 8	1 12	25 38	1 35	12 39	1 16	8 42	0 20	12 48	1 10	34 10	16 28	5 20	4 51	5 3			n.a.
T 11	23 16	15 32	3 7	21 56	0 30	16 34	0 33	25 6	1 12	25 38	1 35	12 40	1 16	8 42	0 20	12 48	1 10	34 9	16 28	5 23	4 52	5 1			n.a.
F 12	23 9	12 48	2 12	21 30	0 24	16 9	0 31	25 3	1 12	25 38	1 35	12 42	1 16	8 42	0 20	12 49	1 10	34 9	16 27	5 25	4 53	4 59			n.a.
S 13	23 1	9 35	1 12	21 4	0 17	15 42	0 28	25 1	1 12	25 37	1 35	12 43	1 16	8 43	0 20	12 49	1 10	34 8	16 27	5 27	4 54	4 57			n.a.
S 14	22 53	6 0	0 9	20 37	0 11	15 16	0 25	24 58	1 12	25 37	1 35	12 44	1 16	8 43	0 20	12 49	1 10	34 7	16 27	5 27	4 56	4 55			n.a.
M15	22 45	2 12	0s54	20 9	0 4	14 49	0 22	24 55	1 12	25 37	1 35	12 46	1 16	8 44	0 20	12 50	1 10	34 6	16 27	5 27	4 57	4 53			n.a.
T 16	22 36	1n40	1 55	19 41	0s 3	14 21	0 19	24 52	1 12	25 37	1 35	12 47	1 16	8 44	0 20	12 50	1 10	34 5	16 27	5 27	4 58	4 51			n.a.
W17	22 27	5 31	2 51	19 11	0 9	13 54	0 16	24 48	1 12	25 36	1 35	12 48	1 16	8 44	0 20	12 50	1 10	34 4	16 26	5 26	5 0	4 50			n.a.
T 18	22 17	9 12	3 41	18 42	0 16	13 25	0 13	24 44	1 12	25 36	1 35	12 49	1 16	8 44	0 20	12 51	1 10	34 3	16 26	5 27	5 1	4 48			n.a.
F 19	22 7	12 34	4 22	18 11	0 23	12 57	0 10	24 40	1 12	25 36	1 35	12 50	1 16	8 45	0 20	12 51	1 10	34 2	16 26	5 28	5 2	4 46			n.a.
S 20	21 57	15 27	4 51	17 40	0 30	12 28	0 7	24 36	1 12	25 35	1 35	12 52	1 16	8 45	0 20	12 51	1 10	34 1	16 26	5 29	5 3	4 44			n.a.
S 21	21 46	17 38	5 6	17 8	0 37	11 59	0 4	24 32	1 12	25 35	1 35	12 53	1 16	8 45	0 20	12 51	1 10	34 1	16 26	5 32	5 5	4 42			n.a.
M22	21 34	18 55	5 5	16 36	0 44	11 30	0 1	24 27	1 12	25 35	1 35	12 54	1 16	8 45	0 20	12 51	1 10	34 0	16 25	5 35	5 6	4 40			n.a.
T 23	21 23	19 6	4 45	16 4	0 51	11 0	0s 2	24 22	1 11	25 34	1 35	12 55	1 16	8 46	0 20	12 52	1 10	33 59	16 25	5 39	5 7	4 38			n.a.
W24	21 11	18 4	4 7	15 31	0 58	10 30	0 6	24 17	1 11	25 34	1 34	12 56	1 16	8 46	0 20	12 52	1 10	33 58	16 25	5 42	5 8	4 37			n.a.
T 25	20 58	15 50	3 12	14 58	1 5	10 0	0 9	24 12	1 11	25 34	1 34	12 57	1 16	8 46	0 20	12 52	1 10	33 57	16 25	5 45	5 10	4 35			n.a.
F 26	20 45	12 33	2 4	14 25	1 12	9 30	0 12	24 7	1 11	25 33	1 34	12 58	1 16	8 46	0 20	12 52	1 10	33 56	16 25	5 46	5 11	4 33			n.a.
S 27	20 32	8 28	0 47	13 51	1 19	8 59	0 15	24 1	1 11	25 33	1 34	12 59	1 16	8 46	0 20	12 52	1 10	33 55	16 25	5 47	5 12	4 31			n.a.
S 28	20 18	3 53	0n32	13 18	1 26	8 28	0 18	23 55	1 11	25 33	1 34	12 59	1 16	8 46	0 20	12 53	1 10	33 55	16 25	5 47	5 14	4 29			n.a.
M29	20 4	0s51	1 49	12 44	1 32	7 57	0 22	23 49	1 11	25 32	1 34	13 0	1 17	8 46	0 20	12 53	1 10	33 54	16 25	5 47	5 15	4 27			n.a.
T 30	19 50	5 27	2 57	12 10	1 39	7 26	0 25	23 43	1 11	25 32	1 34	13 1	1 17	8 46	0 20	12 53	1 10	33 53	16 25	5 46	5 16	4 25			n.a.
W31	19n35	9s40	3n54	11n37	1s45	6n54	0s28	23n36	1n11	25s32	1s34	13n 2	1s17	8n46	0s20	12n53	1s10	33n52	16n24	5n46	5n17	4s23			n.a.

Julian Day Number = 193794.5, Delta T = 32h23m02s
Ecliptic obliquity = 24°06'46, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'54, Lahiri = -61°24'53 Julian Calendar 1 Aug. 4183 BCE == Greg. Calendar 29 June 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

SEPTEMBER 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 30 19	5♌53'28	18♏ 0	27♌10	12♍59	21♋36	23°R52	7♉ 2	22°R44	6♉15	10♌13	15°R45	16♍54	19♓53	n.a.	T 1
F 2	20 34 16	6°54'00	1♐26	28°28	14°12	22°17	23♐48	7° 4	22♈44	6°16	10°15	15♍42	16°51	20° 0	n.a.	F 2
S 3	20 38 12	7°54'34	14°37	29°44	15°24	22°58	23°44	7° 6	22°44	6°16	10°18	15°38	16°48	20° 7	n.a.	S 3
S 4	20 42 9	8°55'10	27°34	0♍59	16°37	23°39	23°40	7° 8	22°44	6°16	10°20	15°33	16°45	20°13	n.a.	S 4
M 5	20 46 5	9°55'47	10♑18	2°13	17°49	24°21	23°37	7°10	22°44	6°17	10°22	15°26	16°42	20°20	n.a.	M 5
T 6	20 50 2	10°56'26	22°50	3°24	19° 2	25° 2	23°34	7°12	22°43	6°17	10°25	15°20	16°38	20°26	n.a.	T 6
W 7	20 53 58	11°57'07	5♒11	4°33	20°14	25°43	23°31	7°14	22°43	6°17	10°27	15°14	16°35	20°33	n.a.	W 7
T 8	20 57 55	12°57'49	17°21	5°40	21°27	26°25	23°28	7°15	22°43	6°17	10°30	15°10	16°32	20°40	n.a.	T 8
F 9	21 1 51	13°58'33	29°22	6°45	22°39	27° 6	23°25	7°16	22°42	6°17	10°32	15° 7	16°29	20°46	n.a.	F 9
S 10	21 5 48	14°59'19	11♓15	7°46	23°51	27°48	23°23	7°18	22°42	6°17	10°35	15°D 5	16°26	20°53	n.a.	S 10
S 11	21 9 45	16° 0'07	23° 3	8°44	25° 3	28°29	23°21	7°19	22°41	6°R17	10°37	15° 6	16°23	21° 0	n.a.	S 11
M12	21 13 41	17° 0'56	4♈50	9°39	26°16	29°11	23°18	7°20	22°41	6°17	10°40	15° 7	16°19	21° 6	n.a.	M12
T 13	21 17 38	18° 1'47	16°38	10°29	27°28	29°53	23°17	7°21	22°40	6°17	10°42	15° 9	16°16	21°13	n.a.	T 13
W14	21 21 34	19° 2'39	28°32	11°15	28°40	0♌34	23°15	7°22	22°39	6°17	10°44	15°11	16°13	21°20	n.a.	W14
T 15	21 25 31	20° 3'34	10♉37	11°55	29°52	1°16	23°14	7°22	22°39	6°17	10°47	15°12	16°10	21°26	n.a.	T 15
F 16	21 29 27	21° 4'30	22°58	12°29	1♎ 4	1°58	23°12	7°23	22°38	6°17	10°49	15°R12	16° 7	21°33	n.a.	F 16
S 17	21 33 24	22° 5'28	5♊39	12°57	2°16	2°40	23°11	7°24	22°37	6°17	10°52	15°11	16° 3	21°40	n.a.	S 17
S 18	21 37 20	23° 6'28	18°44	13°17	3°27	3°21	23°11	7°24	22°36	6°16	10°54	15°10	16° 0	21°46	n.a.	S 18
M19	21 41 17	24° 7'30	2♋17	13°29	4°39	4° 3	23°10	7°24	22°35	6°16	10°57	15° 7	15°57	21°53	n.a.	M19
T 20	21 45 13	25° 8'33	16°17	13°R32	5°51	4°45	23°10	7°24	22°34	6°16	10°59	15° 4	15°54	21°59	n.a.	T 20
W21	21 49 10	26° 9'37	0♌44	13°26	7° 2	5°27	23°D 9	7°R24	22°33	6°16	11° 1	15° 1	15°51	22° 6	n.a.	W21
T 22	21 53 7	27°10'43	15°32	13° 9	8°14	6° 9	23°10	7°24	22°32	6°15	11° 4	14°59	15°48	22°13	n.a.	T 22
F 23	21 57 3	28°11'51	0♍34	12°42	9°25	6°51	23°10	7°24	22°31	6°15	11° 6	14°58	15°44	22°19	n.a.	F 23
S 24	22 1 0	29°12'59	15°42	12° 4	10°37	7°33	23°10	7°24	22°29	6°14	11° 8	14°D57	15°41	22°26	n.a.	S 24
S 25	22 4 56	0♍14'09	0♎45	11°15	11°48	8°15	23°11	7°24	22°28	6°14	11°11	14°58	15°38	22°33	n.a.	S 25
M26	22 8 53	1°15'19	15°37	10°16	12°59	8°58	23°12	7°23	22°27	6°13	11°13	14°59	15°35	22°39	n.a.	M26
T 27	22 12 49	2°16'30	0♏10	9° 9	14°11	9°40	23°13	7°22	22°26	6°13	11°15	15° 0	15°32	22°46	n.a.	T 27
W28	22 16 46	3°17'42	14°21	7°54	15°22	10°22	23°14	7°22	22°24	6°12	11°18	15° 1	15°28	22°53	n.a.	W28
T 29	22 20 42	4°18'55	28° 8	6°34	16°33	11° 4	23°16	7°21	22°23	6°12	11°20	15° 1	15°25	22°59	n.a.	T 29
F 30	22 24 39	5♍20'09	11♐33	5♍11	17♎44	11♌47	23♐17	7♉20	22♈21	6♉11	11♌22	15°R 1	15♍22	23♓ 6	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n20	13s16	4n36	11n 3	1s51	6n23	0s32	23n30	1n11	25s31	1s34	13n 2	1s17	8n46	0s20	12n53	1s10	33n51	16n24	5n46	5n19	4s22		n.a.
F 2	19 4	16 6	5 2	10 30	1 58	5 51	0 35	23 23	1 11	25 31	1 33	13 3	1 17	8 46	0 20	12 53	1 10	33 51	16 24	5 47	5 20	4 20		n.a.
S 3	18 48	18 3	5 11	9 58	2 3	5 19	0 38	23 16	1 11	25 31	1 33	13 4	1 17	8 46	0 20	12 53	1 10	33 50	16 24	5 49	5 21	4 18		n.a.
S 4	18 32	19 1	5 4	9 25	2 9	4 47	0 42	23 8	1 11	25 30	1 33	13 4	1 17	8 46	0 20	12 53	1 10	33 49	16 24	5 51	5 22	4 16		n.a.
M 5	18 15	19 0	4 43	8 54	2 15	4 15	0 45	23 1	1 11	25 30	1 33	13 5	1 17	8 46	0 20	12 53	1 10	33 48	16 24	5 54	5 24	4 14		n.a.
T 6	17 58	18 3	4 8	8 23	2 20	3 43	0 49	22 53	1 11	25 30	1 33	13 5	1 17	8 46	0 20	12 53	1 10	33 47	16 24	5 56	5 25	4 12		n.a.
W 7	17 41	16 15	3 21	7 52	2 25	3 11	0 52	22 45	1 11	25 30	1 33	13 6	1 17	8 46	0 20	12 53	1 10	33 47	16 24	5 59	5 26	4 10		n.a.
T 8	17 24	13 45	2 26	7 23	2 29	2 38	0 55	22 37	1 10	25 29	1 33	13 6	1 17	8 46	0 20	12 53	1 10	33 46	16 24	6 0	5 28	4 8		n.a.
F 9	17 6	10 41	1 25	6 55	2 33	2 6	0 59	22 28	1 10	25 29	1 32	13 7	1 17	8 45	0 20	12 53	1 10	33 45	16 24	6 2	5 29	4 7		n.a.
S 10	16 48	7 13	0 21	6 29	2 37	1 34	1 2	22 20	1 10	25 29	1 32	13 7	1 17	8 45	0 20	12 53	1 10	33 44	16 24	6 2	5 30	4 5		n.a.
S 11	16 29	3 30	0s44	6 4	2 40	1 1	1 5	22 11	1 10	25 28	1 32	13 8	1 17	8 45	0 20	12 53	1 10	33 44	16 24	6 2	5 31	4 3		n.a.
M12	16 10	0n21	1 47	5 41	2 42	0 29	1 9	22 2	1 10	25 28	1 32	13 8	1 17	8 45	0 20	12 53	1 10	33 43	16 24	6 1	5 33	4 1		n.a.
T 13	15 51	4 11	2 45	5 20	2 44	0s 4	1 12	21 53	1 10	25 28	1 32	13 8	1 17	8 45	0 20	12 53	1 10	33 42	16 24	6 1	5 34	3 59		n.a.
W14	15 32	7 53	3 37	5 1	2 45	0 36	1 15	21 44	1 10	25 28	1 32	13 8	1 17	8 44	0 20	12 53	1 10	33 42	16 24	6 0	5 35	3 57		n.a.
T 15	15 12	11 19	4 20	4 45	2 45	1 8	1 19	21 34	1 10	25 27	1 31	13 9	1 17	8 44	0 20	12 53	1 10	33 41	16 24	5 59	5 36	3 55		n.a.
F 16	14 52	14 19	4 53	4 33	2 44	1 41	1 22	21 24	1 10	25 27	1 31	13 9	1 17	8 44	0 20	12 53	1 11	33 40	16 25	5 59	5 38	3 53		n.a.
S 17	14 32	16 44	5 12	4 24	2 42	2 13	1 25	21 14	1 9	25 27	1 31	13 9	1 18	8 43	0 20	12 53	1 11	33 40	16 25	6 0	5 39	3 51		n.a.
S 18	14 12	18 23	5 15	4 19	2 39	2 45	1 28	21 4	1 9	25 27	1 31	13 9	1 18	8 43	0 21	12 53	1 11	33 39	16 25	6 0	5 40	3 50		n.a.
M19	13 51	19 4	5 2	4 18	2 35	3 17	1 31	20 54	1 9	25 26	1 31	13 9	1 18	8 43	0 21	12 53	1 11	33 38	16 25	6 1	5 41	3 48		n.a.
T 20	13 30	18 37	4 31	4 22	2 29	3 49	1 35	20 44	1 9	25 26	1 31	13 9	1 18	8 42	0 21	12 53	1 11	33 38	16 25	6 3	5 43	3 46		n.a.
W21	13 9	16 58	3 41	4 32	2 21	4 21	1 38	20 33	1 9	25 26	1 30	13 9	1 18	8 42	0 21	12 53	1 11	33 37	16 25	6 4	5 44	3 44		n.a.
T 22	12 47	14 9	2 36	4 47	2 12	4 53	1 41	20 22	1 9	25 26	1 30	13 9	1 18	8 41	0 21	12 52	1 11	33 36	16 25	6 4	5 45	3 42		n.a.
F 23	12 26	10 21	1 19	5 7	2 1	5 25	1 44	20 11	1 8	25 26	1 30	13 9	1 18	8 41	0 21	12 52	1 11	33 36	16 25	6 5	5 47	3 40		n.a.
S 24	12 4	5 51	0n 4	5 34	1 48	5 57	1 47	20 0	1 8	25 26	1 30	13 9	1 18	8 40	0 21	12 52	1 11	33 35	16 25	6 5	5 48	3 38		n.a.
S 25	11 42	1 1	1 27	6 7	1 34	6 28	1 50	19 48	1 8	25 25	1 30	13 8	1 18	8 40	0 21	12 52	1 11	33 35	16 26	6 5	5 49	3 36		n.a.
M26	11 20	3s50	2 42	6 44	1 17	6 59	1 53	19 37	1 8	25 25	1 29	13 8	1 18	8 40	0 21	12 52	1 11	33 34	16 26	6 5	5 50	3 34		n.a.
T 27	10 57	8 20	3 46	7 27	0 59	7 30	1 55	19 25	1 8	25 25	1 29	13 8	1 18	8 39	0 21	12 51	1 11	33 33	16 26	6 4	5 52	3 33		n.a.
W28	10 35	12 15	4 34	8 14	0 40	8 1	1 58	19 13	1 8	25 25	1 29	13 8	1 18	8 38	0 21	12 51	1 11	33 33	16 26	6 4	5 53	3 31		n.a.
T 29	10 12	15 22	5 4	9 2	0 20	8 32	2 1	19 1	1 7	25 25	1 29	13 7	1 18	8 38	0 21	12 51	1 11	33 32	16 26	6 4	5 54	3 29		n.a.
F 30	9n49	17s34	5n17	9n53	0n 0	9s 3	2s 4	18n49	1n 7	25s25	1s29	13n 7	1s18	8n37	0s21	12n51	1s11	33n32	16n27	6n 4	5n55	3s27		n.a.

Julian Day Number = 193825.5, Delta T = 32h22m59s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'49, Lahiri = -61°24'49 Julian Calendar 1 Sept. 4183 BCE == Greg. Calendar 30 July 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

OCTOBER 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 28 36	6♍21'23	24♐36	3°R49	18♎55	12♌29	23♐19	7°R19	22°R20	6°R11	11♌25	15°R 1	15♍19	23♓13	n.a.	S 1
S 2	22 32 32	7°22'38	7♑20	2♍30	20° 5	13°11	23°21	7♉17	22♈18	6♉10	11°27	15♍ 0	15°16	23°19	n.a.	S 2
M 3	22 36 29	8°23'53	19°49	1°17	21°16	13°54	23°24	7°16	22°16	6° 9	11°29	14°59	15°13	23°26	n.a.	M 3
T 4	22 40 25	9°25'09	2♒ 6	0°11	22°26	14°36	23°26	7°15	22°15	6° 8	11°31	14°58	15° 9	23°33	n.a.	T 4
W 5	22 44 22	10°26'26	14°12	29♌15	23°37	15°18	23°29	7°13	22°13	6° 8	11°34	14°58	15° 6	23°39	n.a.	W 5
T 6	22 48 18	11°27'43	26°10	28°30	24°47	16° 1	23°32	7°12	22°11	6° 7	11°36	14°57	15° 3	23°46	n.a.	T 6
F 7	22 52 15	12°29'01	8♓ 2	27°56	25°57	16°44	23°35	7°10	22°10	6° 6	11°38	14°57	15° 0	23°52	n.a.	F 7
S 8	22 56 11	13°30'20	19°52	27°33	27° 8	17°26	23°38	7° 8	22° 8	6° 5	11°40	14°D57	14°57	23°59	n.a.	S 8
S 9	23 0 8	14°31'39	1♈39	27°22	28°18	18° 9	23°42	7° 6	22° 6	6° 4	11°42	14°R57	14°54	24° 6	n.a.	S 9
M10	23 4 5	15°32'58	13°28	27°D21	29°27	18°51	23°45	7° 4	22° 4	6° 3	11°45	14°57	14°50	24°12	n.a.	M10
T 11	23 8 1	16°34'19	25°19	27°30	0♏37	19°34	23°49	7° 2	22° 2	6° 2	11°47	14°57	14°47	24°19	n.a.	T 11
W12	23 11 58	17°35'40	7♉17	27°48	1°47	20°17	23°53	7° 0	22° 0	6° 1	11°49	14°57	14°44	24°26	n.a.	W12
T 13	23 15 54	18°37'02	19°24	28°14	2°56	21° 0	23°57	6°57	21°58	6° 0	11°51	14°56	14°41	24°32	n.a.	T 13
F 14	23 19 51	19°38'24	1♊45	28°48	4° 6	21°42	24° 2	6°55	21°56	5°59	11°53	14°56	14°38	24°39	n.a.	F 14
S 15	23 23 47	20°39'47	14°22	29°29	5°15	22°25	24° 6	6°52	21°54	5°58	11°55	14°56	14°34	24°46	n.a.	S 15
S 16	23 27 44	21°41'11	27°20	0♍15	6°24	23° 8	24°11	6°50	21°52	5°57	11°57	14°D56	14°31	24°52	n.a.	S 16
M17	23 31 41	22°42'36	10♋42	1° 7	7°33	23°51	24°16	6°47	21°50	5°56	11°59	14°56	14°28	24°59	n.a.	M17
T 18	23 35 37	23°44'00	24°30	2° 3	8°42	24°34	24°21	6°44	21°47	5°55	12° 1	14°57	14°25	25° 6	n.a.	T 18
W19	23 39 34	24°45'26	8♌44	3° 4	9°50	25°17	24°27	6°41	21°45	5°54	12° 3	14°57	14°22	25°12	n.a.	W19
T 20	23 43 30	25°46'51	23°24	4° 8	10°59	26° 0	24°32	6°38	21°43	5°53	12° 5	14°58	14°19	25°19	n.a.	T 20
F 21	23 47 27	26°48'17	8♍23	5°15	12° 7	26°43	24°38	6°35	21°41	5°51	12° 7	14°R59	14°15	25°26	n.a.	F 21
S 22	23 51 23	27°49'43	23°35	6°25	13°15	27°26	24°44	6°32	21°38	5°50	12° 9	14°59	14°12	25°32	n.a.	S 22
S 23	23 55 20	28°51'10	8♎49	7°37	14°23	28° 9	24°50	6°28	21°36	5°49	12°10	14°58	14° 9	25°39	n.a.	S 23
M24	23 59 17	29°52'36	23°57	8°52	15°31	28°53	24°56	6°25	21°34	5°48	12°12	14°56	14° 6	25°46	n.a.	M24
T 25	0 3 13	0♎54'01	8♏49	10° 8	16°39	29°36	25° 2	6°22	21°31	5°46	12°14	14°54	14° 3	25°52	n.a.	T 25
W26	0 7 10	1°55'27	23°17	11°26	17°46	0♍19	25° 9	6°18	21°29	5°45	12°16	14°52	13°59	25°59	n.a.	W26
T 27	0 11 6	2°56'52	7♐19	12°46	18°54	1° 2	25°16	6°14	21°26	5°44	12°18	14°50	13°56	26° 5	n.a.	T 27
F 28	0 15 3	3°58'17	20°52	14° 6	20° 1	1°46	25°23	6°11	21°24	5°42	12°19	14°49	13°53	26°12	n.a.	F 28
S 29	0 18 59	4°59'41	3♑58	15°28	21° 7	2°29	25°30	6° 7	21°22	5°41	12°21	14°D48	13°50	26°19	n.a.	S 29
S 30	0 22 56	6° 1'05	16°41	16°51	22°14	3°12	25°37	6° 3	21°19	5°39	12°23	14°49	13°47	26°25	n.a.	S 30
M31	0 26 53	7♎ 2'28	29♑ 5	18♍15	23♏21	3♍56	25♐44	5♉59	21♈17	5♉38	12♌24	14♍50	13♍44	26♓32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n26	18s47	5n14	10n42	0n21	9s33	2s 6	18n36	1n 7	25s25	1s28	13n 7	1s18	8n37	0s21	12n51	1s11	33n31	16n27	6n 4	5n57	3s25		n.a.
S 2	9 2	19 0	4 54	11 30	0 41	10 3	2 9	18 24	1 7	25 25	1 28	13 6	1 18	8 36	0 21	12 50	1 11	33 31	16 27	6 4	5 58	3 23		n.a.
M 3	8 39	18 18	4 21	12 15	1 0	10 33	2 11	18 11	1 7	25 24	1 28	13 6	1 18	8 35	0 21	12 50	1 11	33 30	16 27	6 5	5 59	3 21		n.a.
T 4	8 15	16 44	3 37	12 55	1 17	11 2	2 14	17 58	1 6	25 24	1 28	13 5	1 18	8 35	0 21	12 50	1 11	33 30	16 27	6 5	6 0	3 19		n.a.
W 5	7 52	14 26	2 43	13 30	1 33	11 31	2 16	17 45	1 6	25 24	1 28	13 5	1 18	8 34	0 21	12 50	1 11	33 29	16 28	6 5	6 2	3 17		n.a.
T 6	7 28	11 33	1 43	13 59	1 47	12 0	2 19	17 32	1 6	25 24	1 27	13 4	1 18	8 34	0 21	12 49	1 11	33 29	16 28	6 5	6 3	3 15		n.a.
F 7	7 4	8 12	0 38	14 23	1 59	12 29	2 21	17 18	1 6	25 24	1 27	13 3	1 18	8 33	0 21	12 49	1 11	33 29	16 28	6 5	6 4	3 14		n.a.
S 8	6 40	4 32	0s27	14 41	2 9	12 57	2 23	17 5	1 5	25 24	1 27	13 3	1 18	8 32	0 21	12 49	1 11	33 28	16 28	6 5	6 5	3 12		n.a.
S 9	6 15	0 43	1 32	14 53	2 18	13 25	2 25	16 51	1 5	25 24	1 27	13 2	1 18	8 31	0 21	12 48	1 11	33 28	16 29	6 5	6 7	3 10		n.a.
M10	5 51	3n 8	2 32	14 59	2 25	13 52	2 27	16 37	1 5	25 24	1 27	13 1	1 18	8 31	0 21	12 48	1 11	33 27	16 29	6 5	6 8	3 8		n.a.
T 11	5 27	6 52	3 27	15 1	2 30	14 20	2 29	16 23	1 5	25 24	1 26	13 1	1 18	8 30	0 21	12 48	1 11	33 27	16 29	6 5	6 9	3 6		n.a.
W12	5 2	10 22	4 12	14 58	2 33	14 46	2 31	16 9	1 4	25 24	1 26	13 0	1 18	8 29	0 21	12 47	1 11	33 27	16 30	6 6	6 11	3 4		n.a.
T 13	4 37	13 28	4 47	14 50	2 35	15 13	2 33	15 55	1 4	25 24	1 26	12 59	1 18	8 28	0 21	12 47	1 11	33 26	16 30	6 6	6 12	3 2		n.a.
F 14	4 13	16 2	5 10	14 39	2 36	15 39	2 34	15 40	1 4	25 24	1 26	12 58	1 19	8 28	0 21	12 47	1 11	33 26	16 30	6 6	6 13	3 0		n.a.
S 15	3 48	17 54	5 18	14 24	2 36	16 5	2 36	15 25	1 4	25 24	1 26	12 57	1 19	8 27	0 21	12 46	1 11	33 25	16 30	6 6	6 14	2 58		n.a.
S 16	3 23	18 54	5 11	14 6	2 35	16 30	2 37	15 11	1 3	25 24	1 25	12 57	1 19	8 26	0 21	12 46	1 11	33 25	16 31	6 6	6 16	2 56		n.a.
M17	2 58	18 54	4 47	13 46	2 34	16 55	2 39	14 56	1 3	25 24	1 25	12 56	1 19	8 25	0 21	12 45	1 11	33 25	16 31	6 6	6 17	2 54		n.a.
T 18	2 33	17 48	4 6	13 23	2 31	17 19	2 40	14 41	1 3	25 24	1 25	12 55	1 19	8 24	0 21	12 45	1 11	33 25	16 31	6 6	6 18	2 53		n.a.
W19	2 8	15 33	3 8	12 57	2 28	17 43	2 41	14 26	1 2	25 24	1 25	12 54	1 19	8 23	0 21	12 45	1 11	33 24	16 32	6 5	6 19	2 51		n.a.
T 20	1 43	12 16	1 57	12 30	2 24	18 6	2 42	14 10	1 2	25 24	1 25	12 53	1 19	8 23	0 21	12 44	1 11	33 24	16 32	6 5	6 21	2 49		n.a.
F 21	1 18	8 6	0 37	12 0	2 20	18 29	2 43	13 55	1 2	25 24	1 25	12 52	1 19	8 22	0 21	12 44	1 11	33 24	16 33	6 5	6 22	2 47		n.a.
S 22	0 53	3 21	0n48	11 29	2 15	18 51	2 44	13 40	1 1	25 25	1 24	12 50	1 19	8 21	0 21	12 43	1 11	33 23	16 33	6 5	6 23	2 45		n.a.
S 23	0 28	1s38	2 9	10 57	2 10	19 13	2 45	13 24	1 1	25 25	1 24	12 49	1 19	8 20	0 21	12 43	1 11	33 23	16 33	6 5	6 24	2 43		n.a.
M24	0 3	6 28	3 20	10 23	2 5	19 35	2 46	13 8	1 1	25 25	1 24	12 48	1 19	8 19	0 21	12 42	1 11	33 23	16 34	6 6	6 26	2 41		n.a.
T 25	0s22	10 48	4 16	9 48	1 59	19 56	2 46	12 52	1 0	25 25	1 24	12 47	1 19	8 18	0 21	12 42	1 11	33 23	16 34	6 6	6 27	2 39		n.a.
W26	0 47	14 22	4 55	9 12	1 53	20 16	2 47	12 36	1 0	25 25	1 24	12 46	1 19	8 17	0 21	12 41	1 11	33 23	16 35	6 7	6 28	2 37		n.a.
T 27	1 12	16 59	5 14	8 35	1 47	20 36	2 47	12 20	1 0	25 25	1 23	12 45	1 19	8 16	0 21	12 41	1 11	33 22	16 35	6 8	6 29	2 35		n.a.
F 28	1 37	18 33	5 15	7 58	1 40	20 55	2 47	12 4	0 59	25 25	1 23	12 43	1 19	8 15	0 21	12 41	1 11	33 22	16 35	6 9	6 31	2 33		n.a.
S 29	2 2	19 4	4 59	7 19	1 34	21 13	2 47	11 48	0 59	25 25	1 23	12 42	1 19	8 14	0 21	12 40	1 11	33 22	16 36	6 9	6 32	2 31		n.a.
S 30	2 27	18 35	4 29	6 40	1 27	21 31	2 47	11 31	0 59	25 25	1 23	12 41	1 18	8 14	0 21	12 40	1 11	33 22	16 36	6 9	6 33	2 29		n.a.
M31	2s52	17s13	3n47	6n 0	1n20	21s49	2s47	11n15	0n58	25s25	1s23	12n40	1s18	8n13	0s21	12n39	1s11	33n22	16n37	6n 8	6n34	2s28		n.a.

Julian Day Number = 193855.5, Delta T = 32h22m56s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'45, Lahiri = -61°24'45 Julian Calendar 1 Oct. 4183 BCE == Greg. Calendar 29 Aug. 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

NOVEMBER 4183 BCE (-4182) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 30 49	8♎ 3'50	11♒13	19♍40	24♏27	4♍39	25♐52	5°R55	21°R14	5°R37	12♌26	14♍51	13♍40	26♓39	n.a.	T 1
W 2	0 34 46	9° 5'12	23°10	21° 5	25°33	5°23	25°59	5♉51	21♈12	5♉35	12°28	14°53	13°37	26°45	n.a.	W 2
T 3	0 38 42	10° 6'33	5♓ 1	22°32	26°38	6° 6	26° 7	5°47	21° 9	5°34	12°29	14°55	13°34	26°52	n.a.	T 3
F 4	0 42 39	11° 7'53	16°48	23°59	27°44	6°50	26°15	5°43	21° 7	5°32	12°31	14°R55	13°31	26°59	n.a.	F 4
S 5	0 46 35	12° 9'13	28°35	25°26	28°49	7°33	26°23	5°38	21° 4	5°31	12°32	14°54	13°28	27° 5	n.a.	S 5
S 6	0 50 32	13°10'32	10♈25	26°54	29°53	8°17	26°32	5°34	21° 1	5°29	12°34	14°52	13°25	27°12	n.a.	S 6
M 7	0 54 29	14°11'51	22°19	28°23	0♐58	9° 1	26°40	5°30	20°59	5°27	12°35	14°48	13°21	27°19	n.a.	M 7
T 8	0 58 25	15°13'09	4♉19	29°52	2° 2	9°44	26°49	5°25	20°56	5°26	12°36	14°43	13°18	27°25	n.a.	T 8
W 9	1 2 22	16°14'26	16°26	1♏22	3° 6	10°28	26°57	5°21	20°54	5°24	12°38	14°37	13°15	27°32	n.a.	W 9
T 10	1 6 18	17°15'43	28°43	2°52	4°10	11°12	27° 6	5°16	20°51	5°23	12°39	14°31	13°12	27°39	n.a.	T 10
F 11	1 10 15	18°16'59	11♊11	4°23	5°13	11°56	27°15	5°12	20°48	5°21	12°41	14°25	13° 9	27°45	n.a.	F 11
S 12	1 14 11	19°18'14	23°53	5°54	6°16	12°39	27°24	5° 7	20°46	5°20	12°42	14°21	13° 5	27°52	n.a.	S 12
S 13	1 18 8	20°19'29	6♋50	7°26	7°19	13°23	27°33	5° 2	20°43	5°18	12°43	14°19	13° 2	27°58	n.a.	S 13
M14	1 22 5	21°20'44	20° 5	8°59	8°21	14° 7	27°43	4°58	20°41	5°16	12°44	14°D18	12°59	28° 5	n.a.	M14
T 15	1 26 1	22°21'57	3♌41	10°31	9°23	14°51	27°52	4°53	20°38	5°15	12°45	14°18	12°56	28°12	n.a.	T 15
W16	1 29 58	23°23'10	17°39	12° 5	10°24	15°35	28° 2	4°48	20°35	5°13	12°47	14°19	12°53	28°18	n.a.	W16
T 17	1 33 54	24°24'23	2♍ 0	13°39	11°25	16°19	28°12	4°44	20°33	5°11	12°48	14°21	12°50	28°25	n.a.	T 17
F 18	1 37 51	25°25'34	16°41	15°13	12°26	17° 3	28°21	4°39	20°30	5°10	12°49	14°R21	12°46	28°32	n.a.	F 18
S 19	1 41 48	26°26'44	1♎37	16°48	13°26	17°47	28°31	4°34	20°28	5° 8	12°50	14°20	12°43	28°38	n.a.	S 19
S 20	1 45 44	27°27'54	16°43	18°23	14°26	18°31	28°41	4°29	20°25	5° 6	12°51	14°17	12°40	28°45	n.a.	S 20
M21	1 49 41	28°29'02	1♏48	20° 0	15°25	19°15	28°52	4°24	20°22	5° 5	12°52	14°11	12°37	28°52	n.a.	M21
T 22	1 53 37	29°30'10	16°44	21°36	16°24	19°59	29° 2	4°19	20°20	5° 3	12°53	14° 4	12°34	28°58	n.a.	T 22
W23	1 57 34	0♏31'16	1♐21	23°14	17°22	20°44	29°12	4°14	20°17	5° 1	12°54	13°57	12°30	29° 5	n.a.	W23
T 24	2 1 30	1°32'20	15°32	24°51	18°20	21°28	29°23	4° 9	20°15	5° 0	12°55	13°49	12°27	29°12	n.a.	T 24
F 25	2 5 27	2°33'23	29°16	26°30	19°17	22°12	29°34	4° 5	20°12	4°58	12°56	13°43	12°24	29°18	n.a.	F 25
S 26	2 9 24	3°34'25	12♑30	28° 9	20°14	22°56	29°44	4° 0	20°10	4°56	12°56	13°39	12°21	29°25	n.a.	S 26
S 27	2 13 20	4°35'24	25°18	29°49	21°10	23°40	29°55	3°55	20° 7	4°55	12°57	13°36	12°18	29°32	n.a.	S 27
M28	2 17 17	5°36'22	7♒43	1♏29	22° 6	24°25	0♑ 6	3°50	20° 5	4°53	12°58	13°D36	12°15	29°38	n.a.	M28
T 29	2 21 13	6°37'18	19°51	3°11	23° 0	25° 9	0°17	3°45	20° 2	4°51	12°59	13°36	12°11	29°45	n.a.	T 29
W30	2 25 10	7♏38'13	1♓46	4♏53	23♐55	25♍53	0♑29	3♉40	20♈ 0	4♉49	12♌59	13♍38	12♍ 8	29♓52	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s17	15s 5	2n56	5n19	1n14	22s 6	2s46	10n58	0n58	25s25	1s23	12n38	1s18	8n12	0s21	12n39	1s11	33n22	16n37	6n 8	6n36	2s26		n.a.
W 2	3 42	12 20	1 57	4 39	1 7	22 22	2 46	10 41	0 57	25 25	1 22	12 37	1 18	8 11	0 21	12 38	1 11	33 22	16 37	6 7	6 37	2 24		n.a.
T 3	4 7	9 6	0 54	3 57	1 0	22 37	2 45	10 24	0 57	25 25	1 22	12 35	1 18	8 10	0 21	12 38	1 11	33 22	16 38	6 6	6 38	2 22		n.a.
F 4	4 31	5 31	0s10	3 16	0 53	22 52	2 45	10 7	0 57	25 25	1 22	12 34	1 18	8 9	0 21	12 37	1 11	33 22	16 38	6 6	6 39	2 20		n.a.
S 5	4 56	1 43	1 15	2 34	0 46	23 7	2 44	9 50	0 56	25 26	1 22	12 33	1 18	8 8	0 20	12 37	1 11	33 22	16 39	6 7	6 41	2 18		n.a.
S 6	5 21	2n10	2 16	1 51	0 39	23 20	2 43	9 33	0 56	25 26	1 22	12 31	1 18	8 7	0 20	12 36	1 11	33 22	16 39	6 7	6 42	2 16		n.a.
M 7	5 45	5 59	3 11	1 9	0 32	23 33	2 41	9 16	0 55	25 26	1 22	12 30	1 18	8 6	0 20	12 35	1 11	33 22	16 40	6 9	6 43	2 14		n.a.
T 8	6 9	9 35	3 59	0 26	0 25	23 46	2 40	8 59	0 55	25 26	1 21	12 28	1 18	8 5	0 20	12 35	1 11	33 22	16 40	6 11	6 44	2 12		n.a.
W 9	6 34	12 50	4 36	0s17	0 18	23 57	2 39	8 41	0 55	25 26	1 21	12 27	1 18	8 4	0 20	12 34	1 11	33 22	16 41	6 13	6 46	2 10		n.a.
T 10	6 58	15 33	5 1	1 0	0 11	24 8	2 37	8 24	0 54	25 26	1 21	12 25	1 18	8 3	0 20	12 34	1 11	33 22	16 41	6 16	6 47	2 8		n.a.
F 11	7 22	17 36	5 12	1 44	0 4	24 19	2 35	8 6	0 54	25 26	1 21	12 24	1 18	8 2	0 20	12 33	1 11	33 22	16 42	6 18	6 48	2 6		n.a.
S 12	7 46	18 50	5 8	2 27	0s 3	24 28	2 33	7 49	0 53	25 26	1 21	12 22	1 18	8 1	0 20	12 33	1 11	33 22	16 42	6 20	6 49	2 4		n.a.
S 13	8 9	19 8	4 49	3 10	0 9	24 37	2 31	7 31	0 53	25 26	1 21	12 21	1 18	8 0	0 20	12 32	1 11	33 22	16 43	6 21	6 51	2 2		n.a.
M14	8 33	18 23	4 14	3 54	0 16	24 46	2 29	7 13	0 52	25 26	1 20	12 19	1 18	7 59	0 20	12 32	1 11	33 22	16 43	6 21	6 52	2 1		n.a.
T 15	8 57	16 35	3 24	4 37	0 22	24 53	2 26	6 55	0 52	25 26	1 20	12 18	1 18	7 58	0 20	12 31	1 11	33 22	16 44	6 21	6 53	1 59		n.a.
W16	9 20	13 45	2 20	5 21	0 29	25 0	2 24	6 37	0 51	25 26	1 20	12 16	1 18	7 57	0 20	12 31	1 11	33 22	16 44	6 20	6 54	1 57		n.a.
T 17	9 43	10 1	1 7	6 4	0 35	25 7	2 21	6 19	0 51	25 26	1 20	12 15	1 18	7 56	0 20	12 30	1 11	33 22	16 45	6 20	6 56	1 55		n.a.
F 18	10 6	5 36	0n13	6 47	0 41	25 12	2 18	6 1	0 50	25 26	1 20	12 13	1 18	7 55	0 20	12 29	1 11	33 22	16 45	6 20	6 57	1 53		n.a.
S 19	10 29	0 45	1 33	7 30	0 47	25 17	2 15	5 43	0 50	25 26	1 20	12 11	1 18	7 54	0 20	12 29	1 11	33 23	16 46	6 20	6 58	1 51		n.a.
S 20	10 52	4s12	2 47	8 13	0 53	25 21	2 12	5 25	0 49	25 26	1 20	12 10	1 17	7 53	0 20	12 28	1 11	33 23	16 46	6 21	6 59	1 49		n.a.
M21	11 14	8 52	3 49	8 56	0 59	25 25	2 8	5 7	0 49	25 26	1 19	12 8	1 17	7 52	0 20	12 28	1 11	33 23	16 47	6 23	7 1	1 47		n.a.
T 22	11 36	12 56	4 35	9 38	1 4	25 27	2 4	4 48	0 48	25 26	1 19	12 7	1 17	7 51	0 20	12 27	1 11	33 23	16 47	6 26	7 2	1 45		n.a.
W23	11 58	16 6	5 1	10 20	1 9	25 30	2 1	4 30	0 48	25 26	1 19	12 5	1 17	7 50	0 20	12 27	1 11	33 23	16 48	6 29	7 3	1 43		n.a.
T 24	12 20	18 11	5 9	11 2	1 14	25 31	1 57	4 12	0 47	25 26	1 19	12 3	1 17	7 49	0 20	12 26	1 11	33 23	16 48	6 32	7 4	1 41		n.a.
F 25	12 42	19 9	4 58	11 44	1 19	25 32	1 52	3 53	0 47	25 26	1 19	12 2	1 17	7 48	0 20	12 25	1 11	33 24	16 49	6 35	7 6	1 39		n.a.
S 26	13 3	19 1	4 31	12 25	1 24	25 32	1 48	3 35	0 46	25 26	1 19	12 0	1 17	7 47	0 20	12 25	1 11	33 24	16 50	6 36	7 7	1 37		n.a.
S 27	13 25	17 54	3 51	13 5	1 28	25 32	1 43	3 16	0 46	25 25	1 19	11 59	1 17	7 46	0 20	12 24	1 11	33 24	16 50	6 37	7 8	1 35		n.a.
M28	13 46	15 56	3 1	13 46	1 32	25 30	1 38	2 58	0 45	25 25	1 19	11 57	1 17	7 45	0 20	12 24	1 11	33 25	16 51	6 38	7 9	1 33		n.a.
T 29	14 6	13 18	2 5	14 25	1 36	25 29	1 33	2 39	0 44	25 25	1 18	11 55	1 17	7 44	0 20	12 23	1 11	33 25	16 51	6 37	7 11	1 31		n.a.
W30	14s27	10s 9	1n 4	15s 4	1s40	25s26	1s28	2n21	0n44	25s25	1s18	11n54	1s16	7n43	0s20	12n23	1s11	33n25	16n52	6n37	7n12	1s29		n.a.

Julian Day Number = 193886.5, Delta T = 32h22m53s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'41, Lahiri = -61°24'41 Julian Calendar 1 Nov. 4183 BCE == Greg. Calendar 29 Sept. 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4183 BCE
geocentric

DECEMBER 4183 BCE (-4182) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 6	8♏39'05	13♓35	6♏35	24♐48	26♍38	0♑40	3°R35	19°R57	4°R48	13♌ 0	13°R38	12♍ 5	29♓58	n.a.	T 1
F 2	2 33 3	9°39'56	25°21	8°18	25°41	27°22	0°51	3♉30	19♈55	4♉46	13° 0	13♍37	12° 2	0♈ 5	n.a.	F 2
S 3	2 37 0	10°40'45	7♈ 9	10° 3	26°33	28° 6	1° 3	3°25	19°53	4°44	13° 1	13°34	11°59	0°12	n.a.	S 3
S 4	2 40 56	11°41'33	19° 2	11°47	27°24	28°51	1°14	3°21	19°50	4°43	13° 2	13°29	11°56	0°18	n.a.	S 4
M 5	2 44 53	12°42'19	1♉ 4	13°33	28°15	29°35	1°26	3°16	19°48	4°41	13° 2	13°21	11°52	0°25	n.a.	M 5
T 6	2 48 49	13°43'02	13°15	15°19	29° 4	0♎20	1°38	3°11	19°45	4°39	13° 2	13°10	11°49	0°31	n.a.	T 6
W 7	2 52 46	14°43'45	25°37	17° 6	29°53	1° 4	1°49	3° 6	19°43	4°38	13° 3	12°59	11°46	0°38	n.a.	W 7
T 8	2 56 42	15°44'25	8♊10	18°54	0♑41	1°49	2° 1	3° 1	19°41	4°36	13° 3	12°47	11°43	0°45	n.a.	T 8
F 9	3 0 39	16°45'04	20°55	20°42	1°28	2°33	2°13	2°57	19°39	4°34	13° 4	12°36	11°40	0°51	n.a.	F 9
S 10	3 4 36	17°45'42	3♋51	22°31	2°14	3°18	2°25	2°52	19°36	4°33	13° 4	12°26	11°36	0°58	n.a.	S 10
S 11	3 8 32	18°46'18	16°59	24°20	2°59	4° 3	2°38	2°47	19°34	4°31	13° 4	12°19	11°33	1° 5	n.a.	S 11
M12	3 12 29	19°46'52	0♌19	26°10	3°43	4°47	2°50	2°43	19°32	4°29	13° 4	12°15	11°30	1°11	n.a.	M12
T 13	3 16 25	20°47'25	13°54	28° 0	4°26	5°32	3° 2	2°38	19°30	4°28	13° 5	12°14	11°27	1°18	n.a.	T 13
W14	3 20 22	21°47'56	27°43	29°51	5° 8	6°17	3°15	2°34	19°28	4°26	13° 5	12°D14	11°24	1°25	n.a.	W14
T 15	3 24 18	22°48'25	11♍48	1♐41	5°48	7° 1	3°27	2°29	19°26	4°25	13° 5	12°R14	11°21	1°31	n.a.	T 15
F 16	3 28 15	23°48'53	26° 8	3°32	6°28	7°46	3°39	2°25	19°24	4°23	13° 5	12°13	11°17	1°38	n.a.	F 16
S 17	3 32 11	24°49'19	10♎41	5°22	7° 6	8°31	3°52	2°20	19°22	4°21	13° 5	12°10	11°14	1°45	n.a.	S 17
S 18	3 36 8	25°49'43	25°23	7°12	7°43	9°16	4° 5	2°16	19°20	4°20	13°R 5	12° 5	11°11	1°51	n.a.	S 18
M19	3 40 5	26°50'06	10♏ 8	9° 0	8°18	10° 0	4°17	2°12	19°18	4°18	13° 5	11°57	11° 8	1°58	n.a.	M19
T 20	3 44 1	27°50'27	24°49	10°48	8°52	10°45	4°30	2° 8	19°16	4°17	13° 5	11°46	11° 5	2° 5	n.a.	T 20
W21	3 47 58	28°50'45	9♐16	12°34	9°25	11°30	4°43	2° 4	19°14	4°15	13° 5	11°34	11° 2	2°11	n.a.	W21
T 22	3 51 54	29°51'02	23°24	14°18	9°56	12°15	4°56	2° 0	19°12	4°14	13° 5	11°22	10°58	2°18	n.a.	T 22
F 23	3 55 51	0♐51'16	7♑ 8	16° 0	10°25	13° 0	5° 9	1°56	19°11	4°12	13° 5	11°12	10°55	2°25	n.a.	F 23
S 24	3 59 47	1°51'29	20°26	17°39	10°53	13°45	5°22	1°52	19° 9	4°11	13° 4	11° 3	10°52	2°31	n.a.	S 24
S 25	4 3 44	2°51'38	3♒17	19°15	11°19	14°30	5°35	1°48	19° 7	4° 9	13° 4	10°58	10°49	2°38	n.a.	S 25
M26	4 7 40	3°51'46	15°46	20°46	11°44	15°14	5°48	1°44	19° 6	4° 8	13° 4	10°55	10°46	2°45	n.a.	M26
T 27	4 11 37	4°51'51	27°57	22°13	12° 6	15°59	6° 2	1°40	19° 4	4° 7	13° 4	10°54	10°42	2°51	n.a.	T 27
W28	4 15 34	5°51'53	9♓54	23°34	12°27	16°44	6°15	1°37	19° 2	4° 5	13° 3	10°54	10°39	2°58	n.a.	W28
T 29	4 19 30	6°51'53	21°43	24°50	12°45	17°29	6°28	1°33	19° 1	4° 4	13° 3	10°53	10°36	3° 5	n.a.	T 29
F 30	4 23 27	7°51'51	3♈31	25°59	13° 2	18°14	6°42	1°30	18°59	4° 2	13° 3	10°52	10°33	3°11	n.a.	F 30
S 31	4 27 23	8♐51'46	15♈21	27♐ 2	13♑16	18♎59	6♑55	1♉26	18♈58	4♉ 1	13♌ 2	10♍48	10♍30	3♈18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s47	6s38	0n 0	15s42	1s43	25s23	1s23	2n 2	0n43	25s25	1s18	11n52	1s16	7n42	0s20	12n22	1s11	33n25	16n52	6n37	7n13	1s27		n.a.
F 2	15 7	2 51	1s 3	16 20	1 46	25 20	1 17	1 43	0 43	25 25	1 18	11 51	1 16	7 41	0 20	12 21	1 11	33 26	16 53	6 37	7 14	1 26		n.a.
S 3	15 27	1n 2	2 3	16 57	1 48	25 15	1 11	1 25	0 42	25 25	1 18	11 49	1 16	7 40	0 20	12 21	1 11	33 26	16 53	6 38	7 16	1 24		n.a.
S 4	15 46	4 55	2 58	17 33	1 51	25 11	1 5	1 6	0 41	25 24	1 18	11 47	1 16	7 40	0 20	12 20	1 11	33 26	16 54	6 40	7 17	1 22		n.a.
M 5	16 5	8 39	3 46	18 8	1 52	25 5	0 59	0 47	0 41	25 24	1 18	11 46	1 16	7 39	0 20	12 20	1 11	33 27	16 54	6 44	7 18	1 20		n.a.
T 6	16 24	12 4	4 24	18 42	1 54	24 59	0 53	0 28	0 40	25 24	1 18	11 44	1 16	7 38	0 20	12 19	1 11	33 27	16 55	6 48	7 19	1 18		n.a.
W 7	16 42	15 1	4 50	19 14	1 55	24 53	0 46	0 10	0 39	25 24	1 18	11 43	1 16	7 37	0 20	12 19	1 11	33 28	16 56	6 52	7 21	1 16		n.a.
T 8	17 1	17 19	5 3	19 46	1 55	24 46	0 39	0s 9	0 39	25 23	1 18	11 41	1 16	7 36	0 20	12 18	1 11	33 28	16 56	6 57	7 22	1 14		n.a.
F 9	17 19	18 48	5 0	20 16	1 55	24 38	0 32	0 28	0 38	25 23	1 17	11 40	1 15	7 35	0 20	12 18	1 11	33 28	16 57	7 1	7 23	1 12		n.a.
S 10	17 36	19 21	4 43	20 45	1 55	24 30	0 24	0 47	0 38	25 23	1 17	11 38	1 15	7 34	0 20	12 17	1 11	33 29	16 57	7 5	7 24	1 10		n.a.
S 11	17 54	18 52	4 10	21 13	1 53	24 21	0 17	1 5	0 37	25 22	1 17	11 37	1 15	7 34	0 20	12 16	1 11	33 29	16 58	7 8	7 26	1 8		n.a.
M12	18 10	17 20	3 24	21 39	1 52	24 12	0 9	1 24	0 36	25 22	1 17	11 35	1 15	7 33	0 20	12 16	1 11	33 30	16 58	7 9	7 27	1 6		n.a.
T 13	18 27	14 49	2 25	22 3	1 49	24 3	0 1	1 43	0 35	25 22	1 17	11 34	1 15	7 32	0 20	12 15	1 11	33 30	16 59	7 10	7 28	1 4		n.a.
W14	18 43	11 25	1 17	22 25	1 47	23 53	0n 8	2 2	0 35	25 21	1 17	11 32	1 15	7 31	0 20	12 15	1 11	33 31	16 59	7 10	7 29	1 2		n.a.
T 15	18 59	7 18	0 2	22 45	1 43	23 43	0 16	2 21	0 34	25 21	1 17	11 31	1 14	7 30	0 20	12 14	1 11	33 31	17 0	7 10	7 31	1 0		n.a.
F 16	19 15	2 42	1n13	23 4	1 39	23 32	0 25	2 39	0 33	25 20	1 17	11 29	1 14	7 30	0 20	12 14	1 11	33 32	17 1	7 10	7 32	0 58		n.a.
S 17	19 30	2s 8	2 25	23 20	1 34	23 21	0 34	2 58	0 33	25 20	1 17	11 28	1 14	7 29	0 20	12 13	1 11	33 32	17 1	7 11	7 33	0 56		n.a.
S 18	19 45	6 52	3 28	23 34	1 28	23 10	0 43	3 17	0 32	25 20	1 17	11 27	1 14	7 28	0 20	12 13	1 11	33 33	17 2	7 13	7 34	0 54		n.a.
M19	20 0	11 13	4 17	23 46	1 21	22 58	0 53	3 36	0 31	25 19	1 17	11 25	1 14	7 27	0 20	12 12	1 11	33 33	17 2	7 16	7 36	0 52		n.a.
T 20	20 14	14 51	4 49	23 55	1 14	22 46	1 3	3 54	0 30	25 19	1 17	11 24	1 14	7 27	0 20	12 12	1 11	33 34	17 3	7 21	7 37	0 50		n.a.
W21	20 28	17 30	5 1	24 2	1 6	22 34	1 13	4 13	0 30	25 18	1 16	11 23	1 14	7 26	0 20	12 11	1 11	33 34	17 3	7 25	7 38	0 48		n.a.
T 22	20 41	19 2	4 55	24 6	0 57	22 21	1 23	4 32	0 29	25 17	1 16	11 21	1 13	7 25	0 20	12 11	1 11	33 35	17 4	7 30	7 39	0 46		n.a.
F 23	20 54	19 24	4 32	24 8	0 47	22 8	1 34	4 50	0 28	25 17	1 16	11 20	1 13	7 25	0 20	12 10	1 11	33 35	17 4	7 34	7 40	0 44		n.a.
S 24	21 7	18 39	3 54	24 7	0 36	21 55	1 44	5 9	0 27	25 16	1 16	11 19	1 13	7 24	0 20	12 10	1 11	33 36	17 5	7 37	7 42	0 42		n.a.
S 25	21 19	16 58	3 5	24 4	0 25	21 42	1 55	5 28	0 27	25 16	1 16	11 18	1 13	7 23	0 20	12 9	1 11	33 37	17 6	7 39	7 43	0 40		n.a.
M26	21 31	14 30	2 9	23 59	0 12	21 29	2 7	5 46	0 26	25 15	1 16	11 17	1 13	7 23	0 20	12 9	1 11	33 37	17 6	7 41	7 44	0 39		n.a.
T 27	21 42	11 28	1 8	23 52	0n 1	21 15	2 18	6 5	0 25	25 14	1 16	11 15	1 12	7 22	0 20	12 8	1 11	33 38	17 7	7 41	7 45	0 37		n.a.
W28	21 53	7 59	0 5	23 43	0 15	21 2	2 30	6 23	0 24	25 14	1 16	11 14	1 12	7 21	0 20	12 8	1 11	33 38	17 7	7 41	7 47	0 35		n.a.
T 29	22 4	4 15	0s57	23 32	0 29	20 48	2 42	6 41	0 24	25 13	1 16	11 13	1 12	7 21	0 20	12 8	1 11	33 39	17 8	7 41	7 48	0 33		n.a.
F 30	22 14	0 21	1 57	23 19	0 44	20 34	2 54	7 0	0 23	25 12	1 16	11 12	1 12	7 20	0 20	12 7	1 11	33 40	17 8	7 42	7 49	0 31		n.a.
S 31	22s24	3n35	2s52	23s 5	0n59	20s21	3n 6	7s18	0n22	25s11	1s16	11n11	1s12	7n20	0s20	12n 7	1s10	33n40	17n 9	7n43	7n50	0s29		n.a.

Julian Day Number = 193916.5, Delta T = 32h22m49s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'37, Lahiri = -61°24'37 Julian Calendar 1 Dec. 4183 BCE == Greg. Calendar 29 Oct. 4183 BCE

The year -4182 astronomical counting style corresponds to year 4183 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

JANUARY 4182 BCE (-4181) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 31 20	9♐51'39	27♈19	27♐57	13♑28	19♎44	7♑ 8	1°R23	18°R57	4°R 0	13°R 2	10°R42	10♍27	3♈25	n.a.	S 1
M 2	4 35 16	10°51'29	9♉27	28°44	13°38	20°29	7°22	1♉20	18♈55	3♉58	13♌ 1	10♍32	10°23	3°31	n.a.	M 2
T 3	4 39 13	11°51'17	21°49	29°22	13°46	21°14	7°35	1°17	18°54	3°57	13° 1	10°21	10°20	3°38	n.a.	T 3
W 4	4 43 9	12°51'03	4♊26	29°52	13°51	21°59	7°49	1°14	18°53	3°56	13° 0	10° 8	10°17	3°45	n.a.	W 4
T 5	4 47 6	13°50'47	17°18	0♑13	13°54	22°44	8° 3	1°11	18°52	3°55	12°59	9°54	10°14	3°51	n.a.	T 5
F 6	4 51 3	14°50'28	0♋24	0°26	13°R54	23°29	8°16	1° 8	18°50	3°54	12°59	9°41	10°11	3°58	n.a.	F 6
S 7	4 54 59	15°50'07	13°42	0°R29	13°52	24°14	8°30	1° 5	18°49	3°52	12°58	9°30	10° 7	4° 5	n.a.	S 7
S 8	4 58 56	16°49'44	27°11	0°23	13°48	24°59	8°44	1° 2	18°48	3°51	12°57	9°22	10° 4	4°11	n.a.	S 8
M 9	5 2 52	17°49'19	10♌49	0°10	13°41	25°44	8°58	1° 0	18°47	3°50	12°57	9°17	10° 1	4°18	n.a.	M 9
T 10	5 6 49	18°48'52	24°36	29♐47	13°31	26°30	9°11	0°57	18°46	3°49	12°56	9°15	9°58	4°25	n.a.	T 10
W11	5 10 45	19°48'23	8♍30	29°18	13°19	27°15	9°25	0°55	18°45	3°48	12°55	9°D14	9°55	4°31	n.a.	W11
T 12	5 14 42	20°47'52	22°31	28°42	13° 5	28° 0	9°39	0°52	18°45	3°47	12°54	9°R14	9°52	4°38	n.a.	T 12
F 13	5 18 38	21°47'19	6♎40	28° 0	12°48	28°45	9°53	0°50	18°44	3°46	12°53	9°14	9°48	4°44	n.a.	F 13
S 14	5 22 35	22°46'43	20°54	27°13	12°28	29°30	10° 7	0°48	18°43	3°45	12°53	9°11	9°45	4°51	n.a.	S 14
S 15	5 26 31	23°46'06	5♏12	26°22	12° 6	0♏15	10°21	0°46	18°42	3°44	12°52	9° 6	9°42	4°58	n.a.	S 15
M16	5 30 28	24°45'27	19°30	25°29	11°42	1° 0	10°35	0°44	18°42	3°43	12°51	8°58	9°39	5° 4	n.a.	M16
T 17	5 34 24	25°44'46	3♐44	24°34	11°16	1°45	10°49	0°42	18°41	3°42	12°50	8°48	9°36	5°11	n.a.	T 17
W18	5 38 21	26°44'03	17°48	23°40	10°48	2°30	11° 3	0°41	18°41	3°41	12°49	8°36	9°33	5°18	n.a.	W18
T 19	5 42 18	27°43'17	1♑38	22°46	10°17	3°16	11°17	0°39	18°40	3°40	12°48	8°25	9°29	5°24	n.a.	T 19
F 20	5 46 14	28°42'29	15° 8	21°54	9°45	4° 1	11°31	0°38	18°40	3°39	12°47	8°15	9°26	5°31	n.a.	F 20
S 21	5 50 11	29°41'39	28°18	21° 4	9°12	4°46	11°45	0°36	18°39	3°39	12°46	8° 6	9°23	5°38	n.a.	S 21
S 22	5 54 7	0♑40'46	11♒ 6	20°19	8°37	5°31	11°59	0°35	18°39	3°38	12°45	8° 1	9°20	5°44	n.a.	S 22
M23	5 58 4	1°39'51	23°34	19°38	8° 1	6°16	12°14	0°34	18°39	3°37	12°43	7°57	9°17	5°51	n.a.	M23
T 24	6 2 0	2°38'53	5♓45	19° 1	7°24	7° 1	12°28	0°33	18°38	3°36	12°42	7°D56	9°13	5°58	n.a.	T 24
W25	6 5 57	3°37'52	17°44	18°30	6°46	7°46	12°42	0°32	18°38	3°36	12°41	7°57	9°10	6° 4	n.a.	W25
T 26	6 9 53	4°36'49	29°35	18° 4	6° 8	8°31	12°56	0°31	18°38	3°35	12°40	7°R57	9° 7	6°11	n.a.	T 26
F 27	6 13 50	5°35'44	11♈24	17°44	5°29	9°17	13°10	0°30	18°38	3°34	12°39	7°57	9° 4	6°18	n.a.	F 27
S 28	6 17 46	6°34'36	23°16	17°30	4°51	10° 2	13°25	0°30	18°D38	3°34	12°37	7°56	9° 1	6°24	n.a.	S 28
S 29	6 21 43	7°33'25	5♉16	17°21	4°13	10°47	13°39	0°29	18°38	3°33	12°36	7°52	8°58	6°31	n.a.	S 29
M30	6 25 39	8°32'13	17°29	17°D18	3°35	11°32	13°53	0°29	18°38	3°33	12°35	7°46	8°54	6°38	n.a.	M30
T 31	6 29 36	9♑30'57	29♉59	17♐21	2♑58	12♏17	14♑ 7	0♉28	18♈38	3♉32	12♌33	7♍38	8♍51	6♈44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	22s33	7n24	3s39	22s51	1n15	20s 7	3n19	7s36	0n21	25s11	1s16	11n10	1s12	7n19	0s20	12n 6	1s10	33n41	17n 9	7n46	7n52	0s27			n.a.
M 2	22 42	10 59	4 18	22 35	1 31	19 53	3 31	7 55	0 20	25 10	1 16	11 9	1 11	7 19	0 19	12 6	1 10	33 41	17 10	7 49	7 53	0 25			n.a.
T 3	22 50	14 9	4 45	22 20	1 47	19 40	3 44	8 13	0 19	25 9	1 16	11 8	1 11	7 18	0 19	12 5	1 10	33 42	17 10	7 54	7 54	0 23			n.a.
W 4	22 59	16 44	4 59	22 4	2 3	19 26	3 57	8 31	0 19	25 8	1 16	11 7	1 11	7 18	0 19	12 5	1 10	33 43	17 11	7 59	7 55	0 21			n.a.
T 5	23 6	18 33	4 58	21 48	2 19	19 13	4 10	8 49	0 18	25 7	1 16	11 6	1 11	7 17	0 19	12 5	1 10	33 43	17 11	8 4	7 57	0 19			n.a.
F 6	23 13	19 25	4 41	21 33	2 34	19 0	4 23	9 7	0 17	25 6	1 16	11 6	1 11	7 17	0 19	12 4	1 10	33 44	17 12	8 9	7 58	0 17			n.a.
S 7	23 20	19 15	4 9	21 18	2 49	18 47	4 37	9 25	0 16	25 5	1 16	11 5	1 10	7 17	0 19	12 4	1 10	33 45	17 12	8 13	7 59	0 15			n.a.
S 8	23 26	18 0	3 23	21 4	3 3	18 34	4 50	9 42	0 15	25 5	1 16	11 4	1 10	7 16	0 19	12 4	1 10	33 45	17 13	8 17	8 0	0 13			n.a.
M 9	23 32	15 42	2 24	20 51	3 15	18 22	5 3	10 0	0 14	25 4	1 16	11 3	1 10	7 16	0 19	12 3	1 10	33 46	17 13	8 19	8 1	0 11			n.a.
T 10	23 37	12 29	1 17	20 40	3 27	18 10	5 16	10 18	0 13	25 3	1 16	11 3	1 10	7 16	0 19	12 3	1 10	33 47	17 14	8 19	8 3	0 9			n.a.
W11	23 42	8 33	0 4	20 29	3 37	17 58	5 29	10 35	0 12	25 2	1 16	11 2	1 10	7 15	0 19	12 2	1 10	33 47	17 14	8 20	8 4	0 7			n.a.
T 12	23 47	4 7	1n10	20 20	3 46	17 47	5 42	10 53	0 11	25 0	1 16	11 1	1 9	7 15	0 19	12 2	1 10	33 48	17 14	8 20	8 5	0 5			n.a.
F 13	23 51	0s35	2 20	20 12	3 53	17 36	5 55	11 10	0 11	24 59	1 16	11 1	1 9	7 15	0 19	12 2	1 10	33 49	17 15	8 20	8 6	0 3			n.a.
S 14	23 54	5 16	3 22	20 6	3 59	17 25	6 7	11 27	0 10	24 58	1 16	11 0	1 9	7 14	0 19	12 2	1 10	33 50	17 15	8 21	8 8	0 1			n.a.
S 15	23 58	9 41	4 11	20 2	4 2	17 15	6 19	11 45	0 9	24 57	1 16	11 0	1 9	7 14	0 19	12 1	1 10	33 50	17 16	8 23	8 9	0n 1			n.a.
M16	24 0	13 32	4 45	19 59	4 3	17 5	6 31	12 2	0 8	24 56	1 16	10 59	1 9	7 14	0 19	12 1	1 10	33 51	17 16	8 26	8 10	0 3			n.a.
T 17	24 2	16 34	5 1	19 57	4 3	16 56	6 42	12 19	0 7	24 55	1 16	10 59	1 8	7 14	0 19	12 1	1 10	33 52	17 17	8 30	8 11	0 5			n.a.
W18	24 4	18 35	4 58	19 57	4 0	16 48	6 53	12 36	0 6	24 54	1 16	10 58	1 8	7 13	0 19	12 0	1 10	33 52	17 17	8 34	8 13	0 7			n.a.
T 19	24 5	19 28	4 38	19 59	3 56	16 40	7 4	12 52	0 5	24 52	1 16	10 58	1 8	7 13	0 19	12 0	1 10	33 53	17 18	8 39	8 14	0 9			n.a.
F 20	24 6	19 13	4 2	20 2	3 50	16 32	7 13	13 9	0 4	24 51	1 16	10 57	1 8	7 13	0 19	12 0	1 10	33 54	17 18	8 43	8 15	0 11			n.a.
S 21	24 7	17 55	3 15	20 6	3 43	16 26	7 23	13 26	0 3	24 50	1 16	10 57	1 8	7 13	0 19	12 0	1 10	33 55	17 18	8 46	8 16	0 13			n.a.
S 22	24 6	15 43	2 18	20 12	3 34	16 19	7 31	13 42	0 2	24 49	1 16	10 57	1 7	7 13	0 19	11 59	1 10	33 55	17 19	8 48	8 17	0 15			n.a.
M23	24 6	12 51	1 16	20 19	3 24	16 14	7 39	13 58	0 1	24 47	1 16	10 57	1 7	7 13	0 19	11 59	1 10	33 56	17 19	8 49	8 19	0 17			n.a.
T 24	24 5	9 29	0 12	20 27	3 12	16 9	7 46	14 14	0s 0	24 46	1 16	10 57	1 7	7 13	0 19	11 59	1 9	33 57	17 19	8 50	8 20	0 19			n.a.
W25	24 4	5 47	0s52	20 36	3 0	16 5	7 52	14 31	0 1	24 45	1 16	10 56	1 7	7 13	0 19	11 59	1 9	33 57	17 20	8 49	8 21	0 21			n.a.
T 26	24 2	1 53	1 53	20 47	2 48	16 2	7 57	14 46	0 2	24 43	1 16	10 56	1 7	7 13	0 19	11 59	1 9	33 58	17 20	8 49	8 22	0 23			n.a.
F 27	23 59	2n 3	2 49	20 58	2 34	15 59	8 1	15 2	0 3	24 42	1 16	10 56	1 6	7 13	0 19	11 58	1 9	33 59	17 21	8 49	8 24	0 25			n.a.
S 28	23 56	5 55	3 38	21 10	2 21	15 57	8 4	15 18	0 4	24 40	1 16	10 56	1 6	7 13	0 19	11 58	1 9	34 0	17 21	8 50	8 25	0 27			n.a.
S 29	23 53	9 36	4 18	21 23	2 7	15 56	8 7	15 33	0 5	24 39	1 16	10 56	1 6	7 13	0 19	11 58	1 9	34 0	17 21	8 51	8 26	0 29			n.a.
M30	23 50	12 57	4 47	21 37	1 53	15 56	8 8	15 49	0 6	24 37	1 16	10 56	1 6	7 13	0 19	11 58	1 9	34 1	17 22	8 54	8 27	0 31			n.a.
T 31	23s45	15n47	5s 3	21s51	1n39	15s56	8n 9	16s 4	0s 7	24s36	1s16	10n56	1s 5	7n13	0s19	11n58	1s 9	34n 2	17n22	8n57	8n29	0n33			n.a.

Julian Day Number = 193947.5, Delta T = 32h22m46s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'33, Lahiri = -61°24'33 Julian Calendar 1 Jan. 4182 BCE == Greg. Calendar 29 Nov. 4183 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

FEBRUARY 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 33 33	10♉29'39	12♊46	17♐29	2°R23	13♏ 2	14♉21	0°R28	18♈39	3°R32	12°R32	7°R28	8♍48	6♈51	n.a.	W 1
T 2	6 37 29	11°28'19	25°53	17°42	1♉48	13°47	14°36	0°D28	18°39	3♉31	12♌31	7♍18	8°45	6°58	n.a.	T 2
F 3	6 41 26	12°26'57	9♋18	18° 0	1°15	14°32	14°50	0♉28	18°39	3°31	12°29	7° 9	8°42	7° 4	n.a.	F 3
S 4	6 45 22	13°25'33	22°59	18°23	0°44	15°17	15° 4	0°28	18°39	3°31	12°28	7° 1	8°39	7°11	n.a.	S 4
S 5	6 49 19	14°24'06	6♌54	18°50	0°14	16° 2	15°18	0°28	18°40	3°30	12°27	6°56	8°35	7°18	n.a.	S 5
M 6	6 53 15	15°22'37	20°57	19°22	29♐47	16°47	15°33	0°29	18°40	3°30	12°25	6°52	8°32	7°24	n.a.	M 6
T 7	6 57 12	16°21'06	5♍ 6	19°57	29°21	17°32	15°47	0°29	18°41	3°30	12°24	6°D51	8°29	7°31	n.a.	T 7
W 8	7 1 8	17°19'34	19°18	20°37	28°58	18°17	16° 1	0°30	18°41	3°29	12°22	6°52	8°26	7°38	n.a.	W 8
T 9	7 5 5	18°17'59	3♎30	21°21	28°37	19° 2	16°15	0°30	18°42	3°29	12°21	6°53	8°23	7°44	n.a.	T 9
F 10	7 9 1	19°16'23	17°40	22° 8	28°19	19°47	16°30	0°31	18°43	3°29	12°19	6°R53	8°19	7°51	n.a.	F 10
S 11	7 12 58	20°14'45	1♏47	22°58	28° 3	20°32	16°44	0°32	18°43	3°29	12°18	6°53	8°16	7°58	n.a.	S 11
S 12	7 16 54	21°13'05	15°50	23°51	27°49	21°17	16°58	0°33	18°44	3°29	12°16	6°50	8°13	8° 4	n.a.	S 12
M13	7 20 51	22°11'23	29°46	24°48	27°38	22° 2	17°12	0°34	18°45	3°29	12°15	6°46	8°10	8°11	n.a.	M13
T 14	7 24 47	23° 9'40	13♐33	25°48	27°29	22°47	17°26	0°35	18°46	3°29	12°13	6°40	8° 7	8°18	n.a.	T 14
W15	7 28 44	24° 7'55	27°10	26°50	27°23	23°32	17°41	0°37	18°47	3°D29	12°11	6°33	8° 4	8°24	n.a.	W15
T 16	7 32 40	25° 6'07	10♉34	27°55	27°19	24°17	17°55	0°38	18°48	3°29	12°10	6°26	8° 0	8°31	n.a.	T 16
F 17	7 36 37	26° 4'18	23°43	29° 3	27°D17	25° 1	18° 9	0°40	18°49	3°29	12° 8	6°20	7°57	8°38	n.a.	F 17
S 18	7 40 34	27° 2'27	6♒35	0♉13	27°18	25°46	18°23	0°41	18°50	3°29	12° 7	6°15	7°54	8°44	n.a.	S 18
S 19	7 44 30	28° 0'34	19°11	1°25	27°22	26°31	18°37	0°43	18°51	3°29	12° 5	6°12	7°51	8°51	n.a.	S 19
M20	7 48 27	28°58'39	1♓32	2°40	27°27	27°16	18°51	0°45	18°52	3°29	12° 3	6°D10	7°48	8°58	n.a.	M20
T 21	7 52 23	29°56'42	13°39	3°57	27°35	28° 1	19° 6	0°47	18°54	3°29	12° 2	6°10	7°45	9° 4	n.a.	T 21
W22	7 56 20	0♒54'43	25°37	5°16	27°45	28°45	19°20	0°49	18°55	3°29	12° 0	6°12	7°41	9°11	n.a.	W22
T 23	8 0 16	1°52'41	7♈28	6°37	27°57	29°30	19°34	0°51	18°56	3°30	11°59	6°13	7°38	9°18	n.a.	T 23
F 24	8 4 13	2°50'38	19°17	8° 1	28°11	0♐15	19°48	0°53	18°58	3°30	11°57	6°15	7°35	9°24	n.a.	F 24
S 25	8 8 9	3°48'32	1♉10	9°26	28°27	0°59	20° 2	0°55	18°59	3°30	11°55	6°R16	7°32	9°31	n.a.	S 25
S 26	8 12 6	4°46'24	13°11	10°54	28°44	1°44	20°16	0°58	19° 1	3°31	11°54	6°15	7°29	9°38	n.a.	S 26
M27	8 16 2	5°44'15	25°25	12°23	29° 4	2°28	20°30	1° 0	19° 2	3°31	11°52	6°14	7°25	9°44	n.a.	M27
T 28	8 19 59	6♒42'03	7♊56	13♉55	29♐26	3♐13	20♉44	1♉ 3	19♈ 4	3♉32	11♌50	6♍11	7♍22	9♈51	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s41	17n57	5s 4	22s 6	1n25	15s57	8n 9	16s19	0s 8	24s34	1s16	10n56	1s 5	7n13	0s19	11n58	1s 9	34n 2	17n22	9n 0	8n30	0n35		n.a.
T 2	23 36	19 13	4 50	22 20	1 11	15 58	8 8	16 34	0 9	24 33	1 16	10 57	1 5	7 13	0 19	11 58	1 9	34 3	17 22	9 4	8 31	0 37		n.a.
F 3	23 31	19 28	4 19	22 36	0 58	16 1	8 6	16 49	0 10	24 31	1 16	10 57	1 5	7 13	0 19	11 58	1 9	34 4	17 23	9 8	8 32	0 39		n.a.
S 4	23 25	18 35	3 33	22 51	0 45	16 4	8 3	17 4	0 12	24 30	1 16	10 57	1 5	7 13	0 19	11 57	1 9	34 5	17 23	9 11	8 33	0 41		n.a.
S 5	23 18	16 35	2 34	23 6	0 32	16 7	7 59	17 18	0 13	24 28	1 16	10 57	1 4	7 14	0 19	11 57	1 9	34 5	17 23	9 13	8 35	0 43		n.a.
M 6	23 12	13 35	1 25	23 21	0 19	16 12	7 55	17 32	0 14	24 26	1 16	10 58	1 4	7 14	0 19	11 57	1 9	34 6	17 24	9 14	8 36	0 45		n.a.
T 7	23 5	9 45	0 9	23 36	0 7	16 17	7 50	17 47	0 15	24 25	1 16	10 58	1 4	7 14	0 19	11 57	1 9	34 7	17 24	9 14	8 37	0 47		n.a.
W 8	22 57	5 22	1n 7	23 51	0s 5	16 22	7 45	18 1	0 16	24 23	1 16	10 58	1 4	7 14	0 18	11 57	1 9	34 7	17 24	9 14	8 38	0 49		n.a.
T 9	22 49	0 41	2 19	24 5	0 16	16 28	7 38	18 14	0 17	24 21	1 16	10 59	1 4	7 15	0 18	11 57	1 9	34 8	17 24	9 14	8 40	0 51		n.a.
F 10	22 41	4s 1	3 22	24 19	0 27	16 35	7 32	18 28	0 18	24 19	1 16	10 59	1 3	7 15	0 18	11 57	1 9	34 9	17 25	9 14	8 41	0 53		n.a.
S 11	22 32	8 29	4 13	24 33	0 38	16 42	7 24	18 42	0 19	24 18	1 16	11 0	1 3	7 15	0 18	11 57	1 9	34 9	17 25	9 14	8 42	0 55		n.a.
S 12	22 23	12 27	4 49	24 45	0 48	16 49	7 17	18 55	0 20	24 16	1 16	11 0	1 3	7 16	0 18	11 57	1 9	34 10	17 25	9 15	8 43	0 57		n.a.
M13	22 13	15 41	5 7	24 57	0 57	16 57	7 9	19 8	0 21	24 14	1 16	11 1	1 3	7 16	0 18	11 57	1 8	34 11	17 25	9 16	8 44	0 59		n.a.
T 14	22 4	18 0	5 7	25 9	1 6	17 5	7 0	19 21	0 23	24 12	1 17	11 2	1 3	7 16	0 18	11 57	1 8	34 11	17 25	9 19	8 46	1 1		n.a.
W15	21 53	19 16	4 49	25 19	1 14	17 14	6 51	19 34	0 24	24 10	1 17	11 2	1 2	7 17	0 18	11 57	1 8	34 12	17 25	9 21	8 47	1 3		n.a.
T 16	21 43	19 25	4 16	25 28	1 22	17 23	6 42	19 46	0 25	24 8	1 17	11 3	1 2	7 17	0 18	11 57	1 8	34 13	17 26	9 24	8 48	1 5		n.a.
F 17	21 32	18 31	3 30	25 36	1 30	17 32	6 33	19 59	0 26	24 7	1 17	11 4	1 2	7 18	0 18	11 57	1 8	34 13	17 26	9 26	8 49	1 7		n.a.
S 18	21 20	16 40	2 34	25 44	1 37	17 41	6 24	20 11	0 27	24 5	1 17	11 4	1 2	7 18	0 18	11 58	1 8	34 14	17 26	9 28	8 50	1 8		n.a.
S 19	21 8	14 3	1 31	25 50	1 43	17 51	6 14	20 23	0 28	24 3	1 17	11 5	1 2	7 18	0 18	11 58	1 8	34 15	17 26	9 30	8 52	1 10		n.a.
M20	20 56	10 50	0 25	25 54	1 49	18 1	6 4	20 35	0 30	24 1	1 17	11 6	1 1	7 19	0 18	11 58	1 8	34 15	17 26	9 30	8 53	1 12		n.a.
T 21	20 44	7 14	0s41	25 58	1 55	18 11	5 55	20 46	0 31	23 59	1 17	11 7	1 1	7 19	0 18	11 58	1 8	34 16	17 26	9 30	8 54	1 14		n.a.
W22	20 31	3 23	1 44	26 0	1 59	18 21	5 45	20 58	0 32	23 57	1 17	11 8	1 1	7 20	0 18	11 58	1 8	34 17	17 26	9 30	8 55	1 16		n.a.
T 23	20 18	0n34	2 43	26 0	2 4	18 31	5 35	21 9	0 33	23 55	1 17	11 9	1 1	7 21	0 18	11 58	1 8	34 17	17 27	9 29	8 57	1 18		n.a.
F 24	20 4	4 28	3 34	25 59	2 8	18 41	5 25	21 20	0 34	23 53	1 17	11 10	1 1	7 21	0 18	11 58	1 8	34 18	17 27	9 28	8 58	1 20		n.a.
S 25	19 50	8 12	4 17	25 56	2 11	18 52	5 15	21 31	0 35	23 51	1 17	11 11	1 0	7 22	0 18	11 58	1 8	34 18	17 27	9 28	8 59	1 22		n.a.
S 26	19 36	11 39	4 49	25 52	2 13	19 2	5 4	21 41	0 37	23 49	1 17	11 12	1 0	7 22	0 18	11 59	1 8	34 19	17 27	9 28	9 0	1 24		n.a.
M27	19 22	14 40	5 8	25 46	2 16	19 12	4 54	21 51	0 38	23 47	1 18	11 13	1 0	7 23	0 18	11 59	1 8	34 20	17 27	9 29	9 1	1 26		n.a.
T 28	19s 7	17n 6	5s13	25s38	2s17	19s22	4n44	22s 2	0s39	23s44	1s18	11n14	1s 0	7n24	0s18	11n59	1s 8	34n20	17n27	9n30	9n 3	1n28		n.a.

Julian Day Number = 193978.5, Delta T = 32h22m43s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'29, Lahiri = -61°24'28 Julian Calendar 1 Feb. 4182 BCE == Greg. Calendar 30 Dec. 4183 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

MARCH 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 23 55	7♒39'49	20♊47	15♉28	29♐49	3♐57	20♉58	1♉ 6	19♈ 5	3♉32	11°R48	6°R 7	7♍19	9♈58	n.a.	W 1
T 2	8 27 52	8°37'34	4♋ 1	17° 4	0♉14	4°42	21°12	1° 9	19° 7	3°32	11♌47	6♍ 3	7°16	10° 4	n.a.	T 2
F 3	8 31 48	9°35'16	17°38	18°41	0°40	5°26	21°25	1°11	19° 9	3°33	11°45	5°59	7°13	10°11	n.a.	F 3
S 4	8 35 45	10°32'57	1♌36	20°20	1° 9	6°10	21°39	1°15	19°11	3°34	11°43	5°56	7°10	10°18	n.a.	S 4
S 5	8 39 42	11°30'36	15°52	22° 1	1°38	6°55	21°53	1°18	19°12	3°34	11°42	5°53	7° 6	10°24	n.a.	S 5
M 6	8 43 38	12°28'14	0♍21	23°44	2° 9	7°39	22° 7	1°21	19°14	3°35	11°40	5°D52	7° 3	10°31	n.a.	M 6
T 7	8 47 35	13°25'50	14°56	25°29	2°42	8°23	22°21	1°24	19°16	3°35	11°38	5°52	7° 0	10°38	n.a.	T 7
W 8	8 51 31	14°23'24	29°33	27°16	3°15	9° 8	22°34	1°28	19°18	3°36	11°37	5°53	6°57	10°44	n.a.	W 8
T 9	8 55 28	15°20'58	14♎ 5	29° 5	3°50	9°52	22°48	1°31	19°20	3°37	11°35	5°55	6°54	10°51	n.a.	T 9
F 10	8 59 24	16°18'30	28°29	0♒56	4°27	10°36	23° 2	1°35	19°22	3°37	11°33	5°56	6°50	10°58	n.a.	F 10
S 11	9 3 21	17°16'01	12♏41	2°49	5° 4	11°20	23°15	1°38	19°24	3°38	11°32	5°R56	6°47	11° 4	n.a.	S 11
S 12	9 7 17	18°13'30	26°39	4°43	5°43	12° 4	23°29	1°42	19°26	3°39	11°30	5°56	6°44	11°11	n.a.	S 12
M13	9 11 14	19°10'59	10♐23	6°40	6°23	12°48	23°42	1°46	19°29	3°40	11°28	5°55	6°41	11°18	n.a.	M13
T 14	9 15 10	20° 8'27	23°52	8°38	7° 3	13°32	23°56	1°50	19°31	3°41	11°27	5°54	6°38	11°24	n.a.	T 14
W15	9 19 7	21° 5'53	7♑ 6	10°38	7°45	14°16	24° 9	1°54	19°33	3°42	11°25	5°52	6°35	11°31	n.a.	W15
T 16	9 23 4	22° 3'19	20° 6	12°40	8°28	15° 0	24°23	1°58	19°35	3°43	11°23	5°50	6°31	11°38	n.a.	T 16
F 17	9 27 0	23° 0'43	2♒52	14°43	9°12	15°43	24°36	2° 2	19°38	3°44	11°22	5°48	6°28	11°44	n.a.	F 17
S 18	9 30 57	23°58'06	15°25	16°48	9°56	16°27	24°49	2° 6	19°40	3°45	11°20	5°47	6°25	11°51	n.a.	S 18
S 19	9 34 53	24°55'28	27°45	18°55	10°42	17°11	25° 2	2°11	19°42	3°46	11°18	5°46	6°22	11°58	n.a.	S 19
M20	9 38 50	25°52'48	9♓55	21° 3	11°28	17°54	25°16	2°15	19°45	3°47	11°17	5°D46	6°19	12° 4	n.a.	M20
T 21	9 42 46	26°50'08	21°55	23°12	12°15	18°38	25°29	2°19	19°47	3°48	11°15	5°47	6°16	12°11	n.a.	T 21
W22	9 46 43	27°47'26	3♈49	25°21	13° 3	19°22	25°42	2°24	19°50	3°49	11°14	5°47	6°12	12°18	n.a.	W22
T 23	9 50 39	28°44'42	15°39	27°32	13°51	20° 5	25°55	2°29	19°52	3°50	11°12	5°48	6° 9	12°25	n.a.	T 23
F 24	9 54 36	29°41'58	27°28	29°43	14°40	20°48	26° 8	2°33	19°55	3°51	11°10	5°49	6° 6	12°31	n.a.	F 24
S 25	9 58 32	0♓39'12	9♉21	1♓54	15°30	21°32	26°21	2°38	19°58	3°52	11° 9	5°49	6° 3	12°38	n.a.	S 25
S 26	10 2 29	1°36'25	21°21	4° 5	16°21	22°15	26°34	2°43	20° 0	3°53	11° 7	5°50	6° 0	12°45	n.a.	S 26
M27	10 6 26	2°33'37	3♊34	6°16	17°12	22°58	26°46	2°48	20° 3	3°55	11° 6	5°R50	5°56	12°51	n.a.	M27
T 28	10 10 22	3°30'48	16° 3	8°26	18° 4	23°41	26°59	2°53	20° 6	3°56	11° 4	5°50	5°53	12°58	n.a.	T 28
W29	10 14 19	4°27'57	28°52	10°36	18°56	24°24	27°12	2°58	20° 8	3°57	11° 3	5°50	5°50	13° 5	n.a.	W29
T 30	10 18 15	5°25'05	12♋ 5	12°44	19°49	25° 7	27°24	3° 3	20°11	3°59	11° 1	5°D49	5°47	13°11	n.a.	T 30
F 31	10 22 12	6♓22'13	25♋44	14♓51	20♉43	25♐50	27♉37	3♉ 9	20♈14	4♉ 0	11♌ 0	5♍49	5♍44	13♈18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	18s52	18n44	5s 3	25s28	2s18	19s32	4n34	22s12	0s40	23s42	1s18	11n15	1s 0	7n24	0s18	11n59	1s 8	34n21	17n27	9n31	9n 4	1n30			n.a.
T 2	18 37	19 26	4 37	25 17	2 19	19 42	4 25	22 21	0 41	23 40	1 18	11 16	0 59	7 25	0 18	11 59	1 8	34 21	17 27	9 33	9 5	1 32			n.a.
F 3	18 21	19 2	3 55	25 3	2 18	19 52	4 15	22 31	0 43	23 38	1 18	11 18	0 59	7 26	0 18	12 0	1 8	34 22	17 27	9 34	9 6	1 34			n.a.
S 4	18 5	17 29	2 58	24 47	2 18	20 2	4 5	22 40	0 44	23 36	1 18	11 19	0 59	7 26	0 18	12 0	1 7	34 22	17 27	9 36	9 7	1 36			n.a.
S 5	17 49	14 49	1 48	24 30	2 16	20 11	3 55	22 49	0 45	23 34	1 18	11 20	0 59	7 27	0 18	12 0	1 7	34 23	17 27	9 36	9 9	1 38			n.a.
M 6	17 32	11 11	0 30	24 10	2 14	20 20	3 46	22 58	0 46	23 32	1 18	11 22	0 59	7 28	0 18	12 0	1 7	34 23	17 27	9 37	9 10	1 40			n.a.
T 7	17 15	6 51	0n50	23 48	2 12	20 29	3 36	23 6	0 48	23 29	1 18	11 23	0 58	7 29	0 18	12 1	1 7	34 24	17 27	9 37	9 11	1 42			n.a.
W 8	16 58	2 7	2 7	23 24	2 9	20 38	3 27	23 15	0 49	23 27	1 19	11 24	0 58	7 29	0 18	12 1	1 7	34 24	17 27	9 36	9 12	1 44			n.a.
T 9	16 41	2s43	3 16	22 58	2 5	20 46	3 17	23 23	0 50	23 25	1 19	11 26	0 58	7 30	0 18	12 1	1 7	34 25	17 27	9 36	9 14	1 46			n.a.
F 10	16 23	7 20	4 11	22 29	2 1	20 54	3 8	23 31	0 51	23 23	1 19	11 27	0 58	7 31	0 18	12 2	1 7	34 25	17 27	9 35	9 15	1 48			n.a.
S 11	16 6	11 28	4 51	21 58	1 56	21 2	2 59	23 38	0 53	23 20	1 19	11 29	0 58	7 32	0 18	12 2	1 7	34 26	17 27	9 35	9 16	1 50			n.a.
S 12	15 47	14 54	5 12	21 25	1 51	21 9	2 50	23 46	0 54	23 18	1 19	11 30	0 57	7 33	0 18	12 2	1 7	34 26	17 27	9 35	9 17	1 52			n.a.
M13	15 29	17 26	5 15	20 49	1 45	21 16	2 41	23 53	0 55	23 16	1 19	11 32	0 57	7 33	0 18	12 2	1 7	34 27	17 26	9 36	9 18	1 54			n.a.
T 14	15 11	18 58	5 1	20 12	1 39	21 23	2 33	24 0	0 56	23 14	1 19	11 33	0 57	7 34	0 18	12 3	1 7	34 27	17 26	9 36	9 20	1 56			n.a.
W15	14 52	19 25	4 31	19 32	1 32	21 29	2 24	24 7	0 58	23 11	1 19	11 35	0 57	7 35	0 18	12 3	1 7	34 27	17 26	9 37	9 21	1 58			n.a.
T 16	14 33	18 49	3 47	18 50	1 24	21 35	2 16	24 13	0 59	23 9	1 20	11 36	0 57	7 36	0 18	12 4	1 7	34 28	17 26	9 38	9 22	2 1			n.a.
F 17	14 14	17 16	2 52	18 5	1 16	21 40	2 7	24 19	1 0	23 7	1 20	11 38	0 56	7 37	0 18	12 4	1 7	34 28	17 26	9 38	9 23	2 3			n.a.
S 18	13 54	14 55	1 51	17 19	1 8	21 45	1 59	24 25	1 1	23 4	1 20	11 40	0 56	7 38	0 18	12 4	1 7	34 29	17 26	9 39	9 24	2 5			n.a.
S 19	13 35	11 54	0 44	16 30	0 59	21 50	1 51	24 31	1 3	23 2	1 20	11 41	0 56	7 39	0 17	12 5	1 7	34 29	17 26	9 39	9 26	2 7			n.a.
M20	13 15	8 25	0s23	15 40	0 50	21 54	1 43	24 36	1 4	23 0	1 20	11 43	0 56	7 40	0 17	12 5	1 7	34 29	17 25	9 39	9 27	2 9			n.a.
T 21	12 55	4 38	1 28	14 48	0 40	21 57	1 35	24 42	1 5	22 57	1 20	11 45	0 56	7 41	0 17	12 6	1 7	34 30	17 25	9 39	9 28	2 11			n.a.
W22	12 35	0 43	2 30	13 54	0 30	22 0	1 28	24 47	1 7	22 55	1 20	11 47	0 56	7 42	0 17	12 6	1 7	34 30	17 25	9 39	9 29	2 13			n.a.
T 23	12 14	3n12	3 24	12 59	0 20	22 3	1 20	24 51	1 8	22 53	1 21	11 49	0 55	7 43	0 17	12 6	1 7	34 30	17 25	9 38	9 30	2 15			n.a.
F 24	11 54	7 0	4 9	12 2	0 10	22 5	1 13	24 56	1 9	22 50	1 21	11 50	0 55	7 44	0 17	12 7	1 7	34 31	17 25	9 38	9 32	2 17			n.a.
S 25	11 33	10 31	4 45	11 5	0n 1	22 6	1 5	25 0	1 10	22 48	1 21	11 52	0 55	7 45	0 17	12 7	1 6	34 31	17 24	9 38	9 33	2 19			n.a.
S 26	11 12	13 40	5 8	10 6	0 11	22 7	0 58	25 4	1 12	22 46	1 21	11 54	0 55	7 46	0 17	12 8	1 6	34 31	17 24	9 38	9 34	2 21			n.a.
M27	10 51	16 16	5 18	9 8	0 22	22 8	0 51	25 8	1 13	22 43	1 21	11 56	0 55	7 47	0 17	12 8	1 6	34 31	17 24	9 38	9 35	2 23			n.a.
T 28	10 30	18 10	5 13	8 8	0 32	22 7	0 44	25 12	1 14	22 41	1 21	11 58	0 55	7 48	0 17	12 9	1 6	34 32	17 24	9 38	9 36	2 25			n.a.
W29	10 8	19 14	4 53	7 9	0 42	22 7	0 38	25 15	1 16	22 38	1 22	12 0	0 54	7 49	0 17	12 9	1 6	34 32	17 23	9 38	9 38	2 27			n.a.
T 30	9 47	19 17	4 16	6 10	0 52	22 5	0 31	25 18	1 17	22 36	1 22	12 2	0 54	7 50	0 17	12 10	1 6	34 32	17 23	9 38	9 39	2 29			n.a.
F 31	9s25	18n14	3s25	5s11	1n 2	22s 4	0n25	25s21	1s18	22s34	1s22	12n 4	0s54	7n51	0s17	12n10	1s 6	34n32	17n23	9n38	9n40	2n31			n.a.

Julian Day Number = 194006.5, Delta T = 32h22m40s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'25, Lahiri = -61°24'25 Julian Calendar 1 March 4182 BCE == Greg. Calendar 27 Jan. 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

APRIL 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 26 8	7♓19'19	9♌48	16♓56	21♑37	26♐33	27♑50	3♉14	20♈17	4♉ 1	10°R58	5♍50	5♍41	13♈25	n.a.	S 1
S 2	10 30 5	8°16'24	24°15	18°59	22°31	27°15	28° 2	3°19	20°20	4° 3	10♌57	5°50	5°37	13°31	n.a.	S 2
M 3	10 34 1	9°13'28	9♍ 1	21° 1	23°26	27°58	28°14	3°25	20°23	4° 4	10°55	5°R50	5°34	13°38	n.a.	M 3
T 4	10 37 58	10°10'32	23°57	23° 1	24°22	28°41	28°27	3°30	20°26	4° 6	10°54	5°50	5°31	13°45	n.a.	T 4
W 5	10 41 55	11° 7'35	8♎58	24°58	25°18	29°23	28°39	3°36	20°29	4° 7	10°52	5°49	5°28	13°51	n.a.	W 5
T 6	10 45 51	12° 4'37	23°53	26°53	26°14	0♑ 6	28°51	3°42	20°32	4° 8	10°51	5°49	5°25	13°58	n.a.	T 6
F 7	10 49 48	13° 1'39	8♏36	28°46	27°11	0°48	29° 3	3°47	20°35	4°10	10°50	5°48	5°22	14° 5	n.a.	F 7
S 8	10 53 44	13°58'41	23° 1	0♈37	28° 9	1°30	29°15	3°53	20°38	4°12	10°48	5°47	5°18	14°11	n.a.	S 8
S 9	10 57 41	14°55'43	7♐ 5	2°25	29° 6	2°12	29°27	3°59	20°41	4°13	10°47	5°47	5°15	14°18	n.a.	S 9
M10	11 1 37	15°52'44	20°47	4°10	0♒ 5	2°55	29°39	4° 5	20°44	4°15	10°46	5°D47	5°12	14°25	n.a.	M10
T 11	11 5 34	16°49'45	4♑ 7	5°54	1° 3	3°37	29°51	4°11	20°47	4°16	10°44	5°47	5° 9	14°31	n.a.	T 11
W12	11 9 31	17°46'47	17° 8	7°34	2° 2	4°18	0♒ 2	4°17	20°50	4°18	10°43	5°48	5° 6	14°38	n.a.	W12
T 13	11 13 27	18°43'48	29°51	9°12	3° 1	5° 0	0°14	4°23	20°54	4°20	10°42	5°49	5° 2	14°45	n.a.	T 13
F 14	11 17 24	19°40'48	12♒19	10°48	4° 1	5°42	0°25	4°29	20°57	4°21	10°41	5°50	4°59	14°51	n.a.	F 14
S 15	11 21 20	20°37'49	24°36	12°21	5° 1	6°24	0°37	4°35	21° 0	4°23	10°40	5°51	4°56	14°58	n.a.	S 15
S 16	11 25 17	21°34'49	6♓42	13°52	6° 1	7° 5	0°48	4°41	21° 3	4°25	10°38	5°R51	4°53	15° 5	n.a.	S 16
M17	11 29 13	22°31'49	18°41	15°20	7° 2	7°47	1° 0	4°48	21° 7	4°26	10°37	5°51	4°50	15°11	n.a.	M17
T 18	11 33 10	23°28'49	0♈35	16°45	8° 2	8°28	1°11	4°54	21°10	4°28	10°36	5°50	4°47	15°18	n.a.	T 18
W19	11 37 7	24°25'49	12°25	18° 8	9° 4	9° 9	1°22	5° 0	21°13	4°30	10°35	5°47	4°43	15°25	n.a.	W19
T 20	11 41 3	25°22'49	24°14	19°28	10° 5	9°50	1°33	5° 7	21°17	4°32	10°34	5°45	4°40	15°31	n.a.	T 20
F 21	11 45 0	26°19'48	6♉ 4	20°45	11° 7	10°31	1°44	5°13	21°20	4°34	10°33	5°41	4°37	15°38	n.a.	F 21
S 22	11 48 56	27°16'47	17°59	22° 0	12° 9	11°12	1°55	5°20	21°23	4°35	10°32	5°38	4°34	15°45	n.a.	S 22
S 23	11 52 53	28°13'46	0♊ 0	23°11	13°11	11°53	2° 5	5°26	21°27	4°37	10°31	5°35	4°31	15°51	n.a.	S 23
M24	11 56 49	29°10'44	12°12	24°20	14°13	12°34	2°16	5°33	21°30	4°39	10°30	5°33	4°27	15°58	n.a.	M24
T 25	12 0 46	0♈ 7'43	24°39	25°26	15°16	13°14	2°26	5°40	21°34	4°41	10°29	5°D32	4°24	16° 5	n.a.	T 25
W26	12 4 43	1° 4'41	7♋24	26°29	16°19	13°54	2°37	5°47	21°37	4°43	10°28	5°32	4°21	16°12	n.a.	W26
T 27	12 8 39	2° 1'39	20°32	27°29	17°22	14°35	2°47	5°53	21°40	4°45	10°27	5°33	4°18	16°18	n.a.	T 27
F 28	12 12 36	2°58'37	4♌ 5	28°25	18°26	15°15	2°57	6° 0	21°44	4°47	10°26	5°35	4°15	16°25	n.a.	F 28
S 29	12 16 32	3°55'35	18° 4	29°19	19°30	15°55	3° 8	6° 7	21°47	4°49	10°25	5°36	4°12	16°32	n.a.	S 29
S 30	12 20 29	4♈52'33	2♍30	0♉ 8	20♒33	16♑35	3♒18	6♉14	21♈51	4♉51	10♌25	5°R37	4♍ 8	16♈38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 4	16n 3	2s20	4s13	1n11	22s 1	0n18	25s23	1s20	22s31	1s22	12n 6	0s54	7n53	0s17	12n11	1s 6	34n32	17n23	9n38	9n41	2n33		n.a.
S 2	8 42	12 48	1 4	3 16	1 20	21 58	0 12	25 26	1 21	22 29	1 22	12 8	0 54	7 54	0 17	12 11	1 6	34 33	17 22	9 38	9 42	2 35		n.a.
M 3	8 20	8 41	0n18	2 19	1 28	21 55	0 6	25 28	1 22	22 26	1 22	12 10	0 54	7 55	0 17	12 12	1 6	34 33	17 22	9 38	9 44	2 37		n.a.
T 4	7 58	3 58	1 39	1 23	1 36	21 51	0 0	25 30	1 23	22 24	1 23	12 12	0 53	7 56	0 17	12 12	1 6	34 33	17 22	9 38	9 45	2 39		n.a.
W 5	7 36	1s 0	2 54	0 29	1 43	21 46	0s 6	25 31	1 25	22 22	1 23	12 14	0 53	7 57	0 17	12 13	1 6	34 33	17 21	9 38	9 46	2 41		n.a.
T 6	7 13	5 52	3 56	0n24	1 50	21 41	0 11	25 33	1 26	22 19	1 23	12 16	0 53	7 58	0 17	12 13	1 6	34 33	17 21	9 38	9 47	2 43		n.a.
F 7	6 51	10 19	4 42	1 16	1 56	21 35	0 17	25 34	1 27	22 17	1 23	12 18	0 53	8 0	0 17	12 14	1 6	34 33	17 21	9 38	9 48	2 45		n.a.
S 8	6 28	14 4	5 10	2 6	2 1	21 29	0 22	25 35	1 29	22 14	1 23	12 20	0 53	8 1	0 17	12 15	1 6	34 33	17 20	9 39	9 50	2 47		n.a.
S 9	6 6	16 53	5 17	2 54	2 6	21 22	0 27	25 36	1 30	22 12	1 24	12 23	0 53	8 2	0 17	12 15	1 6	34 33	17 20	9 39	9 51	2 49		n.a.
M10	5 43	18 41	5 7	3 41	2 11	21 14	0 32	25 36	1 31	22 10	1 24	12 25	0 52	8 3	0 17	12 16	1 6	34 34	17 20	9 39	9 52	2 51		n.a.
T 11	5 20	19 23	4 40	4 27	2 14	21 6	0 37	25 36	1 33	22 7	1 24	12 27	0 52	8 4	0 17	12 16	1 6	34 34	17 19	9 39	9 53	2 53		n.a.
W12	4 58	19 2	3 59	5 10	2 17	20 57	0 42	25 36	1 34	22 5	1 24	12 29	0 52	8 6	0 17	12 17	1 6	34 34	17 19	9 38	9 54	2 55		n.a.
T 13	4 35	17 43	3 7	5 52	2 19	20 48	0 47	25 36	1 35	22 3	1 24	12 31	0 52	8 7	0 17	12 18	1 6	34 34	17 19	9 38	9 56	2 57		n.a.
F 14	4 12	15 33	2 7	6 32	2 21	20 38	0 52	25 36	1 37	22 0	1 25	12 34	0 52	8 8	0 17	12 18	1 6	34 34	17 18	9 38	9 57	2 59		n.a.
S 15	3 49	12 43	1 2	7 11	2 22	20 27	0 56	25 35	1 38	21 58	1 25	12 36	0 52	8 9	0 17	12 19	1 6	34 34	17 18	9 37	9 58	3 1		n.a.
S 16	3 26	9 22	0s 5	7 47	2 22	20 16	1 0	25 34	1 39	21 56	1 25	12 38	0 52	8 11	0 17	12 19	1 6	34 34	17 17	9 37	9 59	3 3		n.a.
M17	3 3	5 40	1 10	8 22	2 21	20 4	1 4	25 33	1 41	21 53	1 25	12 41	0 51	8 12	0 17	12 20	1 6	34 34	17 17	9 37	10 0	3 5		n.a.
T 18	2 40	1 47	2 13	8 55	2 20	19 52	1 9	25 32	1 42	21 51	1 26	12 43	0 51	8 13	0 17	12 21	1 6	34 33	17 16	9 38	10 2	3 7		n.a.
W19	2 16	2n 9	3 9	9 26	2 19	19 39	1 12	25 30	1 43	21 49	1 26	12 45	0 51	8 15	0 17	12 21	1 5	34 33	17 16	9 39	10 3	3 9		n.a.
T 20	1 53	6 0	3 56	9 55	2 16	19 26	1 16	25 28	1 45	21 46	1 26	12 48	0 51	8 16	0 17	12 22	1 5	34 33	17 16	9 40	10 4	3 11		n.a.
F 21	1 30	9 37	4 34	10 22	2 13	19 12	1 20	25 26	1 46	21 44	1 26	12 50	0 51	8 17	0 17	12 23	1 5	34 33	17 15	9 41	10 5	3 13		n.a.
S 22	1 7	12 52	5 0	10 47	2 9	18 58	1 23	25 24	1 47	21 42	1 27	12 52	0 51	8 19	0 17	12 23	1 5	34 33	17 15	9 42	10 6	3 15		n.a.
S 23	0 43	15 37	5 13	11 11	2 5	18 43	1 27	25 22	1 48	21 39	1 27	12 55	0 51	8 20	0 17	12 24	1 5	34 33	17 14	9 43	10 8	3 17		n.a.
M24	0 20	17 44	5 13	11 32	1 59	18 27	1 30	25 19	1 50	21 37	1 27	12 57	0 50	8 21	0 17	12 25	1 5	34 33	17 14	9 44	10 9	3 19		n.a.
T 25	0n 3	19 3	4 58	11 52	1 54	18 11	1 33	25 17	1 51	21 35	1 27	12 59	0 50	8 23	0 17	12 25	1 5	34 33	17 13	9 44	10 10	3 21		n.a.
W26	0 26	19 27	4 28	12 9	1 47	17 55	1 36	25 14	1 52	21 33	1 27	13 2	0 50	8 24	0 17	12 26	1 5	34 32	17 13	9 44	10 11	3 23		n.a.
T 27	0 50	18 49	3 43	12 25	1 40	17 38	1 39	25 10	1 54	21 30	1 28	13 4	0 50	8 25	0 17	12 27	1 5	34 32	17 12	9 44	10 12	3 25		n.a.
F 28	1 13	17 7	2 45	12 38	1 32	17 20	1 42	25 7	1 55	21 28	1 28	13 7	0 50	8 27	0 17	12 27	1 5	34 32	17 12	9 44	10 14	3 27		n.a.
S 29	1 36	14 20	1 35	12 50	1 24	17 2	1 45	25 4	1 56	21 26	1 28	13 9	0 50	8 28	0 17	12 28	1 5	34 32	17 11	9 43	10 15	3 29		n.a.
S 30	1n59	10n37	0s17	13n 0	1n14	16s44	1s47	25s 0	1s58	21s24	1s28	13n12	0s50	8n29	0s17	12n29	1s 5	34n32	17n11	9n43	10n16	3n31		n.a.

Julian Day Number = 194037.5, Delta T = 32h22m37s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'21, Lahiri = -61°24'21 Julian Calendar 1 Apr. 4182 BCE == Greg. Calendar 27 Feb. 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

MAY 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 24 25	5♈49'30	17♍19	0♉55	21♒38	17♏15	3♒27	6♉21	21♈55	4♉53	10°R24	5°R36	4♍ 5	16♈45	n.a.	M 1
T 2	12 28 22	6°46'28	2♎25	1°37	22°42	17°54	3°37	6°28	21°58	4°55	10♌23	5♍34	4° 2	16°52	n.a.	T 2
W 3	12 32 19	7°43'26	17°39	2°16	23°46	18°34	3°47	6°35	22° 2	4°57	10°22	5°31	3°59	16°58	n.a.	W 3
T 4	12 36 15	8°40'25	2♏51	2°51	24°51	19°13	3°56	6°42	22° 5	4°59	10°22	5°27	3°56	17° 5	n.a.	T 4
F 5	12 40 12	9°37'24	17°51	3°21	25°56	19°53	4° 6	6°49	22° 9	5° 1	10°21	5°22	3°53	17°12	n.a.	F 5
S 6	12 44 8	10°34'24	2♐31	3°48	27° 1	20°32	4°15	6°56	22°12	5° 3	10°21	5°18	3°49	17°18	n.a.	S 6
S 7	12 48 5	11°31'25	16°46	4°10	28° 7	21°11	4°24	7° 3	22°16	5° 5	10°20	5°14	3°46	17°25	n.a.	S 7
M 8	12 52 1	12°28'26	0♑33	4°28	29°12	21°49	4°34	7°10	22°20	5° 7	10°19	5°12	3°43	17°32	n.a.	M 8
T 9	12 55 58	13°25'28	13°54	4°41	0♓18	22°28	4°43	7°17	22°23	5° 9	10°19	5°D12	3°40	17°38	n.a.	T 9
W10	12 59 55	14°22'31	26°50	4°50	1°24	23° 7	4°51	7°25	22°27	5°11	10°18	5°12	3°37	17°45	n.a.	W10
T 11	13 3 51	15°19'35	9♒25	4°R54	2°30	23°45	5° 0	7°32	22°30	5°13	10°18	5°14	3°33	17°52	n.a.	T 11
F 12	13 7 48	16°16'40	21°43	4°53	3°36	24°23	5° 9	7°39	22°34	5°16	10°18	5°15	3°30	17°58	n.a.	F 12
S 13	13 11 44	17°13'46	3♓49	4°47	4°42	25° 1	5°17	7°46	22°38	5°18	10°17	5°R16	3°27	18° 5	n.a.	S 13
S 14	13 15 41	18°10'52	15°46	4°36	5°49	25°39	5°26	7°54	22°41	5°20	10°17	5°15	3°24	18°12	n.a.	S 14
M15	13 19 37	19° 7'59	27°38	4°21	6°56	26°17	5°34	8° 1	22°45	5°22	10°16	5°13	3°21	18°19	n.a.	M15
T 16	13 23 34	20° 5'08	9♈27	4° 1	8° 2	26°55	5°42	8° 8	22°49	5°24	10°16	5° 8	3°18	18°25	n.a.	T 16
W17	13 27 31	21° 2'17	21°16	3°37	9° 9	27°32	5°50	8°16	22°52	5°26	10°16	5° 2	3°14	18°32	n.a.	W17
T 18	13 31 27	21°59'26	3♉ 7	3° 9	10°17	28° 9	5°58	8°23	22°56	5°28	10°16	4°54	3°11	18°39	n.a.	T 18
F 19	13 35 24	22°56'37	15° 1	2°37	11°24	28°46	6° 5	8°31	22°59	5°31	10°15	4°45	3° 8	18°45	n.a.	F 19
S 20	13 39 20	23°53'49	27° 1	2° 2	12°31	29°23	6°13	8°38	23° 3	5°33	10°15	4°36	3° 5	18°52	n.a.	S 20
S 21	13 43 17	24°51'01	9♊ 8	1°24	13°39	29°59	6°20	8°46	23° 7	5°35	10°15	4°28	3° 2	18°59	n.a.	S 21
M22	13 47 13	25°48'15	21°24	0°44	14°47	0♒36	6°27	8°53	23°10	5°37	10°15	4°21	2°58	19° 5	n.a.	M22
T 23	13 51 10	26°45'29	3♋53	0° 2	15°54	1°13	6°34	9° 1	23°14	5°39	10°15	4°16	2°55	19°12	n.a.	T 23
W24	13 55 7	27°42'43	16°37	29♈19	17° 2	1°49	6°41	9° 8	23°18	5°42	10°D15	4°14	2°52	19°19	n.a.	W24
T 25	13 59 3	28°39'59	29°40	28°36	18°11	2°25	6°48	9°16	23°21	5°44	10°15	4°D13	2°49	19°25	n.a.	T 25
F 26	14 3 0	29°37'15	13♌ 5	27°54	19°19	3° 0	6°55	9°23	23°25	5°46	10°15	4°14	2°46	19°32	n.a.	F 26
S 27	14 6 56	0♉34'33	26°55	27°13	20°27	3°36	7° 1	9°31	23°29	5°48	10°15	4°R15	2°43	19°39	n.a.	S 27
S 28	14 10 53	1°31'51	11♍10	26°34	21°36	4°11	7° 8	9°38	23°32	5°51	10°15	4°15	2°39	19°45	n.a.	S 28
M29	14 14 50	2°29'10	25°50	25°59	22°44	4°46	7°14	9°46	23°36	5°53	10°15	4°13	2°36	19°52	n.a.	M29
T 30	14 18 46	3°26'30	10♎49	25°27	23°53	5°21	7°20	9°54	23°39	5°55	10°16	4° 9	2°33	19°59	n.a.	T 30
W31	14 22 43	4♉23'51	26♎ 2	24♈59	25♓ 2	5♒55	7♒26	10♉ 1	23♈43	5♉57	10♌16	4♍ 3	2♍30	20♈ 6	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	2n23	6n 7	1n 4	13n 7	1n 5	16s25	1s50	24s56	1s59	21s22	1s29	13n14	0s50	8n31	0s17	12n30	1s 5	34n31	17n10	9n43	10n17	3n33			n.a.
T 2	2 46	1 10	2 22	13 13	0 54	16 5	1 52	24 52	2 0	21 20	1 29	13 17	0 49	8 32	0 17	12 30	1 5	34 31	17 10	9 44	10 18	3 35			n.a.
W 3	3 9	3s54	3 30	13 16	0 43	15 45	1 54	24 48	2 2	21 18	1 29	13 19	0 49	8 33	0 17	12 31	1 5	34 31	17 9	9 45	10 19	3 37			n.a.
T 4	3 32	8 41	4 23	13 18	0 32	15 25	1 56	24 43	2 3	21 16	1 30	13 21	0 49	8 35	0 17	12 32	1 5	34 31	17 9	9 46	10 21	3 39			n.a.
F 5	3 55	12 52	4 58	13 17	0 20	15 4	1 58	24 39	2 4	21 14	1 30	13 24	0 49	8 36	0 17	12 32	1 5	34 30	17 8	9 48	10 22	3 41			n.a.
S 6	4 18	16 10	5 12	13 15	0 7	14 43	2 0	24 34	2 6	21 11	1 30	13 26	0 49	8 38	0 17	12 33	1 5	34 30	17 8	9 50	10 23	3 43			n.a.
S 7	4 41	18 22	5 6	13 10	0s 6	14 21	2 1	24 29	2 7	21 9	1 30	13 29	0 49	8 39	0 17	12 34	1 5	34 30	17 7	9 51	10 24	3 45			n.a.
M 8	5 4	19 25	4 42	13 3	0 20	13 59	2 3	24 24	2 8	21 7	1 31	13 31	0 49	8 40	0 17	12 35	1 5	34 29	17 7	9 52	10 25	3 47			n.a.
T 9	5 27	19 19	4 4	12 55	0 34	13 37	2 4	24 19	2 10	21 6	1 31	13 34	0 49	8 42	0 17	12 35	1 5	34 29	17 6	9 52	10 27	3 49			n.a.
W10	5 49	18 13	3 14	12 44	0 49	13 14	2 6	24 13	2 11	21 4	1 31	13 37	0 49	8 43	0 17	12 36	1 5	34 29	17 6	9 52	10 28	3 51			n.a.
T 11	6 12	16 13	2 16	12 31	1 3	12 51	2 7	24 8	2 12	21 2	1 32	13 39	0 48	8 44	0 17	12 37	1 5	34 28	17 5	9 51	10 29	3 53			n.a.
F 12	6 34	13 31	1 13	12 17	1 18	12 27	2 8	24 2	2 14	21 0	1 32	13 42	0 48	8 46	0 17	12 38	1 5	34 28	17 4	9 51	10 30	3 55			n.a.
S 13	6 57	10 16	0 8	12 1	1 33	12 3	2 9	23 56	2 15	20 58	1 32	13 44	0 48	8 47	0 17	12 38	1 5	34 27	17 4	9 51	10 31	3 57			n.a.
S 14	7 19	6 38	0s57	11 43	1 49	11 38	2 10	23 50	2 16	20 56	1 32	13 47	0 48	8 49	0 17	12 39	1 5	34 27	17 3	9 51	10 32	3 59			n.a.
M15	7 42	2 46	1 58	11 24	2 4	11 14	2 11	23 44	2 18	20 54	1 33	13 49	0 48	8 50	0 17	12 40	1 5	34 26	17 3	9 52	10 34	4 1			n.a.
T 16	8 4	1n11	2 54	11 3	2 19	10 49	2 12	23 38	2 19	20 53	1 33	13 52	0 48	8 51	0 17	12 41	1 5	34 26	17 2	9 53	10 35	4 3			n.a.
W17	8 26	5 6	3 43	10 41	2 33	10 23	2 12	23 32	2 20	20 51	1 33	13 54	0 48	8 53	0 17	12 41	1 5	34 26	17 2	9 56	10 36	4 5			n.a.
T 18	8 48	8 49	4 22	10 18	2 47	9 58	2 13	23 25	2 22	20 49	1 34	13 57	0 48	8 54	0 17	12 42	1 5	34 25	17 1	9 59	10 37	4 7			n.a.
F 19	9 10	12 12	4 49	9 54	3 1	9 32	2 13	23 19	2 23	20 47	1 34	13 59	0 48	8 56	0 17	12 43	1 5	34 25	17 0	10 2	10 38	4 9			n.a.
S 20	9 31	15 7	5 4	9 30	3 14	9 5	2 13	23 12	2 24	20 46	1 34	14 2	0 47	8 57	0 16	12 44	1 5	34 24	17 0	10 6	10 40	4 11			n.a.
S 21	9 53	17 24	5 6	9 5	3 25	8 39	2 13	23 5	2 25	20 44	1 35	14 5	0 47	8 58	0 16	12 44	1 5	34 24	16 59	10 9	10 41	4 13			n.a.
M22	10 15	18 57	4 54	8 41	3 36	8 12	2 13	22 58	2 27	20 43	1 35	14 7	0 47	9 0	0 16	12 45	1 5	34 23	16 59	10 11	10 42	4 15			n.a.
T 23	10 36	19 36	4 27	8 17	3 46	7 45	2 13	22 51	2 28	20 41	1 35	14 10	0 47	9 1	0 16	12 46	1 5	34 23	16 58	10 13	10 43	4 17			n.a.
W24	10 57	19 17	3 47	7 54	3 54	7 18	2 13	22 44	2 29	20 40	1 35	14 12	0 47	9 3	0 16	12 47	1 5	34 22	16 58	10 14	10 44	4 19			n.a.
T 25	11 18	17 57	2 55	7 33	4 0	6 50	2 13	22 37	2 31	20 38	1 36	14 15	0 47	9 4	0 16	12 48	1 5	34 21	16 57	10 14	10 45	4 21			n.a.
F 26	11 39	15 35	1 51	7 13	4 6	6 22	2 13	22 30	2 32	20 37	1 36	14 17	0 47	9 5	0 16	12 48	1 5	34 21	16 56	10 14	10 47	4 23			n.a.
S 27	12 0	12 16	0 39	6 54	4 9	5 54	2 12	22 23	2 33	20 35	1 36	14 20	0 47	9 7	0 16	12 49	1 4	34 20	16 56	10 14	10 48	4 25			n.a.
S 28	12 20	8 9	0n37	6 39	4 11	5 26	2 12	22 15	2 35	20 34	1 37	14 22	0 47	9 8	0 16	12 50	1 4	34 20	16 55	10 14	10 49	4 27			n.a.
M29	12 40	3 25	1 53	6 25	4 11	4 58	2 11	22 8	2 36	20 33	1 37	14 25	0 47	9 10	0 16	12 51	1 4	34 19	16 55	10 14	10 50	4 29			n.a.
T 30	13 1	1s37	3 3	6 14	4 10	4 29	2 10	22 0	2 37	20 31	1 37	14 28	0 46	9 11	0 16	12 51	1 4	34 18	16 54	10 16	10 51	4 32			n.a.
W31	13n21	6s37	4n 0	6n 7	4s 7	4s 0	2s10	21s52	2s39	20s30	1s38	14n30	0s46	9n12	0s16	12n52	1s 4	34n18	16n53	10n18	10n52	4n34			n.a.

Julian Day Number = 194067.5, Delta T = 32h22m33s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'17, Lahiri = -61°24'16 Julian Calendar 1 May 4182 BCE == Greg. Calendar 29 March 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

JUNE 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 26 39	5♉21'13	11♏17	24°R36	26♓11	6♒30	7♒31	10♉ 9	23♈47	5♉59	10♌16	3°R54	2♍27	20♈12	n.a.	T 1
F 2	14 30 36	6°18'37	26°24	24♈18	27°20	7° 4	7°37	10°17	23°50	6° 2	10°16	3♍45	2°24	20°19	n.a.	F 2
S 3	14 34 32	7°16'02	11♐13	24° 6	28°29	7°38	7°42	10°24	23°54	6° 4	10°17	3°36	2°20	20°26	n.a.	S 3
S 4	14 38 29	8°13'29	25°37	24°D 0	29°38	8°12	7°47	10°32	23°57	6° 6	10°17	3°29	2°17	20°32	n.a.	S 4
M 5	14 42 26	9°10'57	9♑32	24° 0	0♈48	8°45	7°53	10°39	24° 1	6° 8	10°17	3°23	2°14	20°39	n.a.	M 5
T 6	14 46 22	10° 8'28	22°57	24° 8	1°57	9°18	7°57	10°47	24° 4	6°11	10°18	3°20	2°11	20°46	n.a.	T 6
W 7	14 50 19	11° 6'00	5♒54	24°21	3° 7	9°51	8° 2	10°55	24° 8	6°13	10°18	3°D19	2° 8	20°52	n.a.	W 7
T 8	14 54 15	12° 3'33	18°29	24°42	4°17	10°24	8° 7	11° 2	24°12	6°15	10°19	3°19	2° 4	20°59	n.a.	T 8
F 9	14 58 12	13° 1'09	0♓44	25°10	5°27	10°56	8°11	11°10	24°15	6°17	10°19	3°R19	2° 1	21° 6	n.a.	F 9
S 10	15 2 8	13°58'46	12°46	25°44	6°37	11°29	8°15	11°18	24°19	6°19	10°20	3°19	1°58	21°12	n.a.	S 10
S 11	15 6 5	14°56'25	24°39	26°25	7°47	12° 0	8°19	11°25	24°22	6°22	10°20	3°17	1°55	21°19	n.a.	S 11
M12	15 10 1	15°54'06	6♈28	27°13	8°57	12°32	8°23	11°33	24°26	6°24	10°21	3°12	1°52	21°26	n.a.	M12
T 13	15 13 58	16°51'48	18°16	28° 7	10° 7	13° 3	8°27	11°40	24°29	6°26	10°22	3° 5	1°49	21°32	n.a.	T 13
W14	15 17 55	17°49'33	0♉ 7	29° 8	11°18	13°34	8°30	11°48	24°32	6°28	10°22	2°55	1°45	21°39	n.a.	W14
T 15	15 21 51	18°47'19	12° 3	0♉15	12°28	14° 5	8°33	11°56	24°36	6°30	10°23	2°43	1°42	21°46	n.a.	T 15
F 16	15 25 48	19°45'07	24° 5	1°28	13°39	14°35	8°36	12° 3	24°39	6°33	10°24	2°30	1°39	21°53	n.a.	F 16
S 17	15 29 44	20°42'57	6♊14	2°47	14°49	15° 6	8°39	12°11	24°43	6°35	10°25	2°17	1°36	21°59	n.a.	S 17
S 18	15 33 41	21°40'48	18°32	4°11	16° 0	15°35	8°42	12°18	24°46	6°37	10°26	2° 4	1°33	22° 6	n.a.	S 18
M19	15 37 37	22°38'41	0♋58	5°40	17°11	16° 5	8°45	12°26	24°49	6°39	10°26	1°54	1°29	22°13	n.a.	M19
T 20	15 41 34	23°36'36	13°36	7°13	18°22	16°34	8°47	12°33	24°53	6°41	10°27	1°46	1°26	22°19	n.a.	T 20
W21	15 45 31	24°34'32	26°26	8°51	19°33	17° 3	8°49	12°41	24°56	6°44	10°28	1°41	1°23	22°26	n.a.	W21
T 22	15 49 27	25°32'30	9♌31	10°33	20°44	17°31	8°51	12°48	24°59	6°46	10°29	1°39	1°20	22°33	n.a.	T 22
F 23	15 53 24	26°30'30	22°54	12°18	21°55	17°59	8°53	12°56	25° 2	6°48	10°30	1°38	1°17	22°39	n.a.	F 23
S 24	15 57 20	27°28'31	6♍36	14° 6	23° 7	18°27	8°54	13° 3	25° 6	6°50	10°31	1°38	1°14	22°46	n.a.	S 24
S 25	16 1 17	28°26'33	20°39	15°57	24°18	18°54	8°56	13°11	25° 9	6°52	10°32	1°37	1°10	22°53	n.a.	S 25
M26	16 5 13	29°24'37	5♎ 3	17°49	25°29	19°21	8°57	13°18	25°12	6°54	10°33	1°35	1° 7	23° 0	n.a.	M26
T 27	16 9 10	0♊22'43	19°46	19°44	26°41	19°47	8°58	13°26	25°15	6°56	10°35	1°30	1° 4	23° 6	n.a.	T 27
W28	16 13 6	1°20'51	4♏43	21°39	27°53	20°14	8°59	13°33	25°18	6°58	10°36	1°22	1° 1	23°13	n.a.	W28
T 29	16 17 3	2°19'01	19°45	23°36	29° 4	20°39	8°59	13°41	25°21	7° 0	10°37	1°12	0°58	23°20	n.a.	T 29
F 30	16 20 59	3♊17'12	4♐43	25♉33	0♉16	21♒ 5	9♒ 0	13♉48	25♈24	7♉ 2	10♌38	1♍ 1	0♍55	23♈26	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n40	11s12	4n41	6n 2	4s 3	3s31	2s 9	21s45	2s40	20s29	1s38	14n33	0s46	9n14	0s16	12n53	1s 4	34n17	16n53	10n21	10n54	4n36		n.a.
F 2	14 0	15 1	5 2	6 1	3 57	3 2	2 8	21 37	2 41	20 28	1 38	14 35	0 46	9 15	0 16	12 54	1 4	34 16	16 52	10 24	10 55	4 38		n.a.
S 3	14 19	17 47	5 1	6 3	3 50	2 33	2 7	21 29	2 43	20 27	1 39	14 38	0 46	9 16	0 16	12 54	1 4	34 16	16 52	10 28	10 56	4 40		n.a.
S 4	14 38	19 20	4 42	6 9	3 41	2 4	2 6	21 22	2 44	20 26	1 39	14 40	0 46	9 18	0 16	12 55	1 4	34 15	16 51	10 31	10 57	4 42		n.a.
M 5	14 57	19 40	4 6	6 18	3 32	1 34	2 5	21 14	2 45	20 25	1 40	14 43	0 46	9 19	0 16	12 56	1 4	34 14	16 50	10 33	10 58	4 44		n.a.
T 6	15 16	18 51	3 18	6 30	3 21	1 5	2 3	21 6	2 46	20 24	1 40	14 45	0 46	9 20	0 16	12 57	1 4	34 14	16 50	10 34	10 59	4 46		n.a.
W 7	15 35	17 3	2 21	6 46	3 10	0 35	2 2	20 58	2 48	20 23	1 40	14 48	0 46	9 22	0 16	12 57	1 4	34 13	16 49	10 34	11 1	4 48		n.a.
T 8	15 53	14 29	1 18	7 5	2 58	0 5	2 0	20 50	2 49	20 22	1 41	14 50	0 46	9 23	0 16	12 58	1 4	34 12	16 49	10 34	11 2	4 50		n.a.
F 9	16 11	11 18	0 14	7 27	2 45	0n25	1 59	20 42	2 50	20 21	1 41	14 53	0 46	9 24	0 16	12 59	1 4	34 12	16 48	10 34	11 3	4 52		n.a.
S 10	16 29	7 43	0s50	7 52	2 32	0 54	1 57	20 34	2 52	20 20	1 41	14 55	0 45	9 26	0 16	13 0	1 4	34 11	16 47	10 34	11 4	4 54		n.a.
S 11	16 46	3 52	1 51	8 20	2 18	1 24	1 56	20 26	2 53	20 20	1 42	14 58	0 45	9 27	0 16	13 1	1 4	34 10	16 47	10 35	11 5	4 56		n.a.
M12	17 4	0n 6	2 46	8 51	2 4	1 54	1 54	20 18	2 54	20 19	1 42	15 0	0 45	9 28	0 16	13 1	1 4	34 9	16 46	10 37	11 7	4 58		n.a.
T 13	17 21	4 4	3 35	9 24	1 50	2 24	1 52	20 10	2 56	20 18	1 42	15 3	0 45	9 30	0 16	13 2	1 4	34 9	16 46	10 39	11 8	5 0		n.a.
W14	17 37	7 53	4 14	10 0	1 35	2 54	1 50	20 2	2 57	20 18	1 43	15 5	0 45	9 31	0 16	13 3	1 4	34 8	16 45	10 43	11 9	5 2		n.a.
T 15	17 54	11 25	4 42	10 37	1 21	3 24	1 48	19 54	2 58	20 17	1 43	15 8	0 45	9 32	0 16	13 3	1 4	34 7	16 44	10 48	11 10	5 4		n.a.
F 16	18 10	14 31	4 57	11 17	1 6	3 54	1 47	19 46	3 0	20 17	1 43	15 10	0 45	9 34	0 16	13 4	1 4	34 6	16 44	10 52	11 11	5 6		n.a.
S 17	18 26	17 2	5 0	11 58	0 52	4 24	1 44	19 38	3 1	20 16	1 44	15 13	0 45	9 35	0 16	13 5	1 4	34 6	16 43	10 57	11 12	5 8		n.a.
S 18	18 42	18 49	4 49	12 40	0 38	4 54	1 42	19 30	3 2	20 16	1 44	15 15	0 45	9 36	0 16	13 6	1 4	34 5	16 43	11 2	11 13	5 10		n.a.
M19	18 57	19 43	4 23	13 24	0 25	5 24	1 40	19 22	3 3	20 15	1 45	15 17	0 45	9 37	0 16	13 6	1 4	34 4	16 42	11 6	11 15	5 12		n.a.
T 20	19 12	19 40	3 45	14 8	0 11	5 53	1 38	19 14	3 5	20 15	1 45	15 20	0 45	9 39	0 16	13 7	1 4	34 3	16 42	11 9	11 16	5 14		n.a.
W21	19 27	18 36	2 55	14 52	0n 1	6 23	1 36	19 7	3 6	20 15	1 45	15 22	0 45	9 40	0 16	13 8	1 4	34 2	16 41	11 10	11 17	5 16		n.a.
T 22	19 41	16 32	1 54	15 37	0 13	6 53	1 33	18 59	3 7	20 15	1 46	15 25	0 45	9 41	0 16	13 9	1 4	34 1	16 40	11 11	11 18	5 18		n.a.
F 23	19 55	13 33	0 46	16 21	0 25	7 22	1 31	18 51	3 9	20 15	1 46	15 27	0 45	9 42	0 16	13 9	1 4	34 1	16 40	11 12	11 19	5 20		n.a.
S 24	20 9	9 45	0n26	17 5	0 36	7 52	1 29	18 43	3 10	20 15	1 46	15 29	0 44	9 44	0 16	13 10	1 4	34 0	16 39	11 12	11 20	5 22		n.a.
S 25	20 22	5 19	1 39	17 48	0 46	8 21	1 26	18 36	3 11	20 15	1 47	15 32	0 44	9 45	0 16	13 11	1 4	33 59	16 39	11 12	11 22	5 24		n.a.
M26	20 35	0 29	2 47	18 30	0 55	8 50	1 24	18 28	3 12	20 15	1 47	15 34	0 44	9 46	0 16	13 11	1 4	33 58	16 38	11 13	11 23	5 26		n.a.
T 27	20 48	4s29	3 45	19 11	1 4	9 19	1 21	18 21	3 14	20 15	1 47	15 37	0 44	9 47	0 16	13 12	1 4	33 57	16 38	11 15	11 24	5 28		n.a.
W28	21 0	9 14	4 29	19 50	1 12	9 48	1 19	18 13	3 15	20 15	1 48	15 39	0 44	9 48	0 16	13 13	1 4	33 56	16 37	11 17	11 25	5 30		n.a.
T 29	21 12	13 27	4 55	20 28	1 19	10 16	1 16	18 6	3 16	20 15	1 48	15 41	0 44	9 49	0 16	13 14	1 4	33 55	16 37	11 21	11 26	5 32		n.a.
F 30	21n24	16s46	5n 0	21n 4	1n25	10n44	1s14	17s59	3s18	20s15	1s49	15n44	0s44	9n51	0s16	13n14	1s 4	33n54	16n36	11n25	11n27	5n34		n.a.

Julian Day Number = 194098.5, Delta T = 32h22m30s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'13, Lahiri = -61°24'12 Julian Calendar 1 June 4182 BCE == Greg. Calendar 29 Apr. 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

JULY 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 24 56	4♊15'26	19♐28	27♉31	1♉28	21♒30	9°R 0	13♉55	25♈28	7♉ 4	10♌39	0°R50	0♍51	23♈33	n.a.	S 1
S 2	16 28 53	5°13'41	3♑52	29°29	2°40	21°54	9♒ 0	14° 3	25°31	7° 6	10°41	0♍40	0°48	23°40	n.a.	S 2
M 3	16 32 49	6°11'59	17°49	1♊26	3°52	22°18	9° 0	14°10	25°34	7° 8	10°42	0°32	0°45	23°46	n.a.	M 3
T 4	16 36 46	7°10'20	1♒17	3°23	5° 4	22°42	8°59	14°17	25°36	7°10	10°43	0°27	0°42	23°53	n.a.	T 4
W 5	16 40 42	8° 8'42	14°18	5°20	6°17	23° 5	8°59	14°24	25°39	7°12	10°45	0°25	0°39	24° 0	n.a.	W 5
T 6	16 44 39	9° 7'07	26°55	7°16	7°29	23°28	8°58	14°31	25°42	7°14	10°46	0°D24	0°35	24° 6	n.a.	T 6
F 7	16 48 35	10° 5'35	9♓12	9°11	8°41	23°50	8°57	14°39	25°45	7°16	10°48	0°R24	0°32	24°13	n.a.	F 7
S 8	16 52 32	11° 4'04	21°14	11° 5	9°54	24°12	8°56	14°46	25°48	7°18	10°49	0°24	0°29	24°20	n.a.	S 8
S 9	16 56 28	12° 2'36	3♈ 8	12°59	11° 6	24°33	8°54	14°53	25°51	7°20	10°50	0°22	0°26	24°27	n.a.	S 9
M10	17 0 25	13° 1'11	14°57	14°51	12°19	24°54	8°53	15° 0	25°54	7°22	10°52	0°18	0°23	24°33	n.a.	M10
T 11	17 4 22	13°59'48	26°47	16°43	13°32	25°15	8°51	15° 7	25°56	7°24	10°54	0°11	0°20	24°40	n.a.	T 11
W12	17 8 18	14°58'27	8♉42	18°33	14°45	25°34	8°49	15°14	25°59	7°26	10°55	0° 2	0°16	24°47	n.a.	W12
T 13	17 12 15	15°57'09	20°43	20°23	15°57	25°53	8°47	15°21	26° 2	7°28	10°57	29♌50	0°13	24°53	n.a.	T 13
F 14	17 16 11	16°55'53	2♊55	22°11	17°10	26°12	8°44	15°28	26° 4	7°30	10°58	29°38	0°10	25° 0	n.a.	F 14
S 15	17 20 8	17°54'39	15°16	23°59	18°23	26°30	8°42	15°35	26° 7	7°31	11° 0	29°25	0° 7	25° 7	n.a.	S 15
S 16	17 24 4	18°53'28	27°49	25°45	19°36	26°48	8°39	15°41	26° 9	7°33	11° 2	29°13	0° 4	25°13	n.a.	S 16
M17	17 28 1	19°52'19	10♋33	27°30	20°50	27° 4	8°36	15°48	26°12	7°35	11° 3	29° 2	0° 1	25°20	n.a.	M17
T 18	17 31 57	20°51'12	23°28	29°14	22° 3	27°21	8°33	15°55	26°14	7°37	11° 5	28°55	29♌57	25°27	n.a.	T 18
W19	17 35 54	21°50'07	6♌34	0♋58	23°16	27°36	8°29	16° 2	26°17	7°38	11° 7	28°50	29°54	25°34	n.a.	W19
T 20	17 39 50	22°49'04	19°51	2°40	24°29	27°51	8°26	16° 8	26°19	7°40	11° 9	28°48	29°51	25°40	n.a.	T 20
F 21	17 43 47	23°48'03	3♍21	4°21	25°43	28° 6	8°22	16°15	26°22	7°42	11°10	28°D48	29°48	25°47	n.a.	F 21
S 22	17 47 43	24°47'04	17° 4	6° 1	26°56	28°20	8°18	16°21	26°24	7°43	11°12	28°48	29°45	25°54	n.a.	S 22
S 23	17 51 40	25°46'07	1♎ 1	7°40	28°10	28°33	8°14	16°28	26°26	7°45	11°14	28°R49	29°41	26° 0	n.a.	S 23
M24	17 55 37	26°45'12	15°13	9°19	29°24	28°45	8°10	16°34	26°28	7°47	11°16	28°47	29°38	26° 7	n.a.	M24
T 25	17 59 33	27°44'19	29°37	10°56	0♊37	28°57	8° 5	16°41	26°31	7°48	11°18	28°43	29°35	26°14	n.a.	T 25
W26	18 3 30	28°43'28	14♏10	12°32	1°51	29° 8	8° 1	16°47	26°33	7°50	11°20	28°37	29°32	26°20	n.a.	W26
T 27	18 7 26	29°42'39	28°48	14° 8	3° 5	29°18	7°56	16°53	26°35	7°51	11°22	28°29	29°29	26°27	n.a.	T 27
F 28	18 11 23	0♋41'53	13♐24	15°43	4°19	29°28	7°51	17° 0	26°37	7°53	11°24	28°20	29°26	26°34	n.a.	F 28
S 29	18 15 19	1°41'08	27°49	17°16	5°32	29°37	7°46	17° 6	26°39	7°54	11°26	28°11	29°22	26°41	n.a.	S 29
S 30	18 19 16	2°40'26	11♑59	18°49	6°46	29°45	7°40	17°12	26°41	7°56	11°28	28° 3	29°19	26°47	n.a.	S 30
M31	18 23 12	3♋39'46	25♑48	20♋21	8♊ 0	29♒52	7♒35	17♉18	26♈43	7♉57	11♌30	27♌57	29♌16	26♈54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n35	18s57	4n45	21n37	1n30	11n13	1s11	17s52	3s19	20s16	1s49	15n46	0s44	9n52	0s16	13n15	1s 4	33n54	16n35	11n29	11n29	5n36		n.a.
S 2	21 46	19 51	4 12	22 9	1 35	11 41	1 8	17 45	3 20	20 16	1 49	15 48	0 44	9 53	0 16	13 16	1 4	33 53	16 35	11 33	11 30	5 38		n.a.
M 3	21 57	19 30	3 25	22 38	1 39	12 8	1 5	17 38	3 21	20 16	1 50	15 50	0 44	9 54	0 16	13 16	1 4	33 52	16 34	11 36	11 31	5 40		n.a.
T 4	22 7	18 2	2 28	23 6	1 42	12 36	1 3	17 31	3 23	20 17	1 50	15 53	0 44	9 55	0 16	13 17	1 4	33 51	16 34	11 37	11 32	5 42		n.a.
W 5	22 17	15 40	1 24	23 31	1 45	13 3	1 0	17 24	3 24	20 17	1 50	15 55	0 44	9 56	0 16	13 18	1 4	33 50	16 33	11 38	11 33	5 44		n.a.
T 6	22 26	12 36	0 18	23 53	1 47	13 30	0 57	17 17	3 25	20 18	1 51	15 57	0 44	9 57	0 16	13 18	1 4	33 49	16 33	11 39	11 34	5 46		n.a.
F 7	22 35	9 3	0s47	24 14	1 48	13 56	0 54	17 11	3 26	20 18	1 51	15 59	0 44	9 58	0 16	13 19	1 4	33 48	16 32	11 39	11 36	5 48		n.a.
S 8	22 44	5 13	1 48	24 32	1 49	14 23	0 51	17 5	3 28	20 19	1 51	16 2	0 44	9 59	0 16	13 19	1 4	33 47	16 32	11 39	11 37	5 50		n.a.
S 9	22 52	1 13	2 44	24 48	1 49	14 49	0 49	16 58	3 29	20 20	1 52	16 4	0 44	10 0	0 16	13 20	1 4	33 46	16 31	11 39	11 38	5 52		n.a.
M10	23 0	2n48	3 33	25 2	1 49	15 14	0 46	16 52	3 30	20 21	1 52	16 6	0 44	10 2	0 16	13 21	1 4	33 45	16 31	11 41	11 39	5 54		n.a.
T 11	23 7	6 42	4 12	25 13	1 48	15 40	0 43	16 46	3 31	20 21	1 53	16 8	0 43	10 3	0 16	13 21	1 4	33 44	16 30	11 43	11 40	5 56		n.a.
W12	23 14	10 22	4 41	25 22	1 47	16 5	0 40	16 41	3 33	20 22	1 53	16 10	0 43	10 4	0 16	13 22	1 4	33 43	16 30	11 47	11 41	5 58		n.a.
T 13	23 21	13 40	4 58	25 30	1 45	16 29	0 37	16 35	3 34	20 23	1 53	16 12	0 43	10 5	0 16	13 23	1 4	33 43	16 29	11 51	11 42	6 0		n.a.
F 14	23 27	16 25	5 1	25 35	1 42	16 53	0 34	16 30	3 35	20 24	1 54	16 14	0 43	10 6	0 16	13 23	1 4	33 42	16 29	11 55	11 44	6 2		n.a.
S 15	23 33	18 28	4 50	25 38	1 40	17 17	0 31	16 24	3 36	20 25	1 54	16 17	0 43	10 6	0 16	13 24	1 4	33 41	16 28	12 0	11 45	6 4		n.a.
S 16	23 38	19 40	4 25	25 39	1 37	17 40	0 28	16 19	3 38	20 26	1 54	16 19	0 43	10 7	0 16	13 24	1 4	33 40	16 28	12 4	11 46	6 6		n.a.
M17	23 43	19 55	3 47	25 39	1 33	18 3	0 26	16 14	3 39	20 28	1 55	16 21	0 43	10 8	0 16	13 25	1 4	33 39	16 28	12 8	11 47	6 8		n.a.
T 18	23 47	19 7	2 56	25 36	1 30	18 26	0 23	16 10	3 40	20 29	1 55	16 23	0 43	10 9	0 16	13 26	1 4	33 38	16 27	12 11	11 48	6 10		n.a.
W19	23 51	17 18	1 55	25 32	1 25	18 48	0 20	16 5	3 41	20 30	1 55	16 25	0 43	10 10	0 16	13 26	1 4	33 37	16 27	12 12	11 49	6 12		n.a.
T 20	23 55	14 31	0 48	25 26	1 21	19 9	0 17	16 1	3 42	20 31	1 56	16 27	0 43	10 11	0 16	13 27	1 4	33 36	16 26	12 13	11 50	6 14		n.a.
F 21	23 58	10 56	0n24	25 19	1 16	19 30	0 14	15 57	3 43	20 33	1 56	16 29	0 43	10 12	0 16	13 27	1 4	33 35	16 26	12 13	11 52	6 16		n.a.
S 22	24 0	6 43	1 36	25 10	1 11	19 51	0 11	15 53	3 45	20 34	1 56	16 31	0 43	10 13	0 16	13 28	1 4	33 34	16 25	12 13	11 53	6 18		n.a.
S 23	24 2	2 4	2 43	24 59	1 6	20 11	0 8	15 49	3 46	20 35	1 57	16 33	0 43	10 14	0 16	13 28	1 5	33 33	16 25	12 13	11 54	6 20		n.a.
M24	24 4	2s46	3 41	24 47	1 1	20 30	0 5	15 46	3 47	20 37	1 57	16 35	0 43	10 14	0 16	13 29	1 5	33 32	16 25	12 13	11 55	6 22		n.a.
T 25	24 5	7 30	4 27	24 34	0 55	20 49	0 2	15 43	3 48	20 38	1 57	16 36	0 43	10 15	0 16	13 29	1 5	33 31	16 24	12 15	11 56	6 24		n.a.
W26	24 6	11 51	4 55	24 19	0 49	21 7	0n 0	15 40	3 49	20 40	1 57	16 38	0 43	10 16	0 16	13 30	1 5	33 30	16 24	12 17	11 57	6 26		n.a.
T 27	24 7	15 30	5 5	24 3	0 43	21 25	0 3	15 37	3 50	20 41	1 58	16 40	0 43	10 17	0 16	13 30	1 5	33 29	16 23	12 20	11 58	6 28		n.a.
F 28	24 6	18 11	4 54	23 46	0 37	21 42	0 6	15 34	3 51	20 43	1 58	16 42	0 43	10 18	0 16	13 31	1 5	33 28	16 23	12 23	12 0	6 30		n.a.
S 29	24 6	19 40	4 25	23 28	0 31	21 58	0 9	15 32	3 52	20 45	1 58	16 44	0 43	10 18	0 16	13 31	1 5	33 27	16 23	12 26	12 1	6 32		n.a.
S 30	24 5	19 54	3 40	23 9	0 24	22 14	0 11	15 30	3 53	20 46	1 59	16 46	0 43	10 19	0 16	13 32	1 5	33 26	16 22	12 29	12 2	6 35		n.a.
M31	24n 3	18s55	2n43	22n48	0n17	22n30	0n14	15s28	3s54	20s48	1s59	16n48	0s43	10n20	0s16	13n32	1s 5	33n25	16n22	12n31	12n 3	6n37		n.a.

Julian Day Number = 194128.5, Delta T = 32h22m27s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'09, Lahiri = -61°24'08 Julian Calendar 1 July 4182 BCE == Greg. Calendar 29 May 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

AUGUST 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 27 9	4♋39'09	9♒12	21♋52	9♊15	29♒59	7°R29	17♉24	26♈45	7♉59	11♌32	27°R53	29♌13	27♈ 1	n.a.	T 1
W 2	18 31 5	5°38'34	22°13	23°22	10°29	0♓ 5	7♒23	17°30	26°46	8° 0	11°34	27°D51	29°10	27° 7	n.a.	W 2
T 3	18 35 2	6°38'01	4♓51	24°52	11°43	0°10	7°18	17°36	26°48	8° 1	11°36	27♌51	29° 7	27°14	n.a.	T 3
F 4	18 38 58	7°37'31	17°11	26°20	12°57	0°14	7°11	17°42	26°50	8° 3	11°38	27°52	29° 3	27°21	n.a.	F 4
S 5	18 42 55	8°37'03	29°15	27°48	14°12	0°17	7° 5	17°47	26°52	8° 4	11°40	27°53	29° 0	27°28	n.a.	S 5
S 6	18 46 51	9°36'38	11♈11	29°14	15°26	0°20	6°59	17°53	26°53	8° 5	11°42	27°R54	28°57	27°34	n.a.	S 6
M 7	18 50 48	10°36'16	23° 1	0♌40	16°40	0°21	6°52	17°59	26°55	8° 7	11°45	27°53	28°54	27°41	n.a.	M 7
T 8	18 54 45	11°35'56	4♉53	2° 5	17°55	0°R22	6°46	18° 4	26°56	8° 8	11°47	27°50	28°51	27°48	n.a.	T 8
W 9	18 58 41	12°35'39	16°50	3°29	19° 9	0°22	6°39	18°10	26°58	8° 9	11°49	27°45	28°47	27°54	n.a.	W 9
T 10	19 2 38	13°35'24	28°57	4°52	20°24	0°21	6°32	18°15	26°59	8°10	11°51	27°38	28°44	28° 1	n.a.	T 10
F 11	19 6 34	14°35'11	11♊15	6°13	21°39	0°20	6°25	18°20	27° 1	8°11	11°53	27°31	28°41	28° 8	n.a.	F 11
S 12	19 10 31	15°35'01	23°48	7°34	22°53	0°17	6°18	18°26	27° 2	8°12	11°56	27°23	28°38	28°14	n.a.	S 12
S 13	19 14 27	16°34'54	6♋37	8°54	24° 8	0°13	6°11	18°31	27° 3	8°13	11°58	27°15	28°35	28°21	n.a.	S 13
M14	19 18 24	17°34'48	19°40	10°12	25°23	0° 9	6° 3	18°36	27° 5	8°14	12° 0	27° 9	28°32	28°28	n.a.	M14
T 15	19 22 20	18°34'45	2♌57	11°29	26°38	0° 4	5°56	18°41	27° 6	8°15	12° 2	27° 5	28°28	28°35	n.a.	T 15
W16	19 26 17	19°34'44	16°27	12°45	27°53	29♒57	5°48	18°46	27° 7	8°16	12° 5	27° 3	28°25	28°41	n.a.	W16
T 17	19 30 13	20°34'45	0♍ 7	13°59	29° 8	29°50	5°41	18°51	27° 8	8°17	12° 7	27°D 2	28°22	28°48	n.a.	T 17
F 18	19 34 10	21°34'48	13°57	15°12	0♋22	29°42	5°33	18°56	27° 9	8°18	12° 9	27° 3	28°19	28°55	n.a.	F 18
S 19	19 38 6	22°34'53	27°54	16°22	1°37	29°34	5°25	19° 0	27°10	8°19	12°12	27° 5	28°16	29° 1	n.a.	S 19
S 20	19 42 3	23°34'59	11♎57	17°31	2°53	29°24	5°18	19° 5	27°11	8°20	12°14	27° 6	28°13	29° 8	n.a.	S 20
M21	19 45 59	24°35'07	26° 6	18°38	4° 8	29°13	5°10	19°10	27°12	8°21	12°16	27°R 7	28° 9	29°15	n.a.	M21
T 22	19 49 56	25°35'18	10♏17	19°42	5°23	29° 2	5° 2	19°14	27°13	8°22	12°19	27° 6	28° 6	29°22	n.a.	T 22
W23	19 53 52	26°35'30	24°31	20°44	6°38	28°50	4°54	19°18	27°13	8°22	12°21	27° 3	28° 3	29°28	n.a.	W23
T 24	19 57 49	27°35'44	8♐42	21°44	7°53	28°37	4°46	19°23	27°14	8°23	12°23	27° 0	28° 0	29°35	n.a.	T 24
F 25	20 1 46	28°35'59	22°49	22°40	9° 8	28°23	4°38	19°27	27°15	8°24	12°26	26°56	27°57	29°42	n.a.	F 25
S 26	20 5 42	29°36'17	6♑47	23°32	10°23	28° 8	4°30	19°31	27°15	8°24	12°28	26°51	27°53	29°48	n.a.	S 26
S 27	20 9 39	0♌36'36	20°31	24°21	11°39	27°53	4°22	19°35	27°16	8°25	12°31	26°47	27°50	29°55	n.a.	S 27
M28	20 13 35	1°36'58	4♒ 0	25° 6	12°54	27°37	4°13	19°39	27°16	8°26	12°33	26°45	27°47	0♉ 2	n.a.	M28
T 29	20 17 32	2°37'21	17°11	25°46	14° 9	27°20	4° 5	19°43	27°17	8°26	12°36	26°43	27°44	0° 8	n.a.	T 29
W30	20 21 28	3°37'46	0♓ 4	26°20	15°25	27° 2	3°57	19°47	27°17	8°27	12°38	26°D43	27°41	0°15	n.a.	W30
T 31	20 25 25	4♌38'14	12♓38	26♌49	16♋40	26♒44	3♒49	19♉50	27♈17	8♉27	12♌40	26♌43	27♌38	0♉22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	24n 2	16s52	1n39	22n27	0n10	22n44	0n17	15s27	3s55	20s50	1s59	16n49	0s43	10n20	0s16	13n33	1s 5	33n24	16n21	12n33	12n 4	6n39			n.a.
W 2	23 59	14 1	0 30	22 5	0 3	22 58	0 19	15 25	3 56	20 52	1 59	16 51	0 43	10 21	0 16	13 33	1 5	33 23	16 21	12 33	12 5	6 41			n.a.
T 3	23 56	10 35	0s38	21 42	0s 4	23 11	0 22	15 24	3 57	20 53	2 0	16 53	0 43	10 22	0 16	13 33	1 5	33 22	16 21	12 33	12 6	6 43			n.a.
F 4	23 53	6 46	1 42	21 18	0 11	23 24	0 25	15 23	3 58	20 55	2 0	16 54	0 42	10 22	0 16	13 34	1 5	33 21	16 20	12 33	12 8	6 45			n.a.
S 5	23 49	2 45	2 41	20 53	0 18	23 36	0 27	15 23	3 58	20 57	2 0	16 56	0 42	10 23	0 16	13 34	1 5	33 20	16 20	12 33	12 9	6 47			n.a.
S 6	23 45	1n18	3 32	20 28	0 25	23 47	0 30	15 23	3 59	20 59	2 0	16 58	0 42	10 24	0 16	13 35	1 5	33 19	16 20	12 32	12 10	6 49			n.a.
M 7	23 40	5 17	4 14	20 2	0 33	23 58	0 32	15 23	4 0	21 1	2 1	16 59	0 42	10 24	0 16	13 35	1 5	33 18	16 20	12 33	12 11	6 51			n.a.
T 8	23 35	9 3	4 45	19 36	0 40	24 7	0 35	15 23	4 1	21 3	2 1	17 1	0 42	10 25	0 16	13 36	1 5	33 17	16 19	12 34	12 12	6 53			n.a.
W 9	23 30	12 30	5 3	19 9	0 48	24 16	0 37	15 24	4 1	21 5	2 1	17 3	0 42	10 25	0 16	13 36	1 5	33 16	16 19	12 36	12 13	6 55			n.a.
T 10	23 24	15 28	5 9	18 42	0 55	24 25	0 39	15 25	4 2	21 7	2 1	17 4	0 42	10 26	0 16	13 36	1 5	33 15	16 19	12 38	12 14	6 57			n.a.
F 11	23 17	17 49	5 0	18 14	1 3	24 32	0 42	15 26	4 3	21 9	2 1	17 6	0 42	10 26	0 16	13 37	1 5	33 14	16 18	12 41	12 16	6 59			n.a.
S 12	23 10	19 21	4 37	17 46	1 10	24 39	0 44	15 27	4 3	21 11	2 2	17 7	0 42	10 27	0 16	13 37	1 5	33 14	16 18	12 43	12 17	7 1			n.a.
S 13	23 3	19 57	4 0	17 18	1 18	24 45	0 46	15 29	4 4	21 13	2 2	17 9	0 42	10 27	0 16	13 37	1 5	33 13	16 18	12 46	12 18	7 3			n.a.
M14	22 55	19 31	3 9	16 49	1 25	24 50	0 48	15 31	4 4	21 15	2 2	17 10	0 42	10 28	0 16	13 38	1 5	33 12	16 18	12 48	12 19	7 5			n.a.
T 15	22 47	17 59	2 7	16 21	1 32	24 55	0 51	15 33	4 4	21 17	2 2	17 12	0 42	10 28	0 16	13 38	1 5	33 11	16 17	12 50	12 20	7 7			n.a.
W16	22 38	15 26	0 57	15 52	1 40	24 58	0 53	15 36	4 5	21 19	2 2	17 13	0 42	10 29	0 16	13 38	1 5	33 10	16 17	12 50	12 21	7 9			n.a.
T 17	22 29	12 0	0n17	15 23	1 47	25 1	0 55	15 39	4 5	21 21	2 2	17 15	0 42	10 29	0 16	13 39	1 5	33 9	16 17	12 51	12 22	7 11			n.a.
F 18	22 19	7 53	1 31	14 55	1 54	25 3	0 57	15 42	4 5	21 23	2 2	17 16	0 42	10 29	0 16	13 39	1 5	33 8	16 17	12 50	12 23	7 13			n.a.
S 19	22 10	3 18	2 41	14 27	2 1	25 5	0 59	15 45	4 5	21 25	2 3	17 17	0 42	10 30	0 16	13 39	1 5	33 7	16 16	12 50	12 25	7 15			n.a.
S 20	21 59	1s29	3 41	13 59	2 8	25 5	1 0	15 49	4 5	21 27	2 3	17 19	0 42	10 30	0 16	13 39	1 5	33 6	16 16	12 49	12 26	7 17			n.a.
M21	21 48	6 12	4 28	13 32	2 15	25 5	1 2	15 52	4 5	21 29	2 3	17 20	0 42	10 30	0 16	13 40	1 5	33 5	16 16	12 49	12 27	7 19			n.a.
T 22	21 37	10 35	5 0	13 6	2 21	25 4	1 4	15 56	4 5	21 32	2 3	17 21	0 42	10 31	0 16	13 40	1 5	33 4	16 16	12 49	12 28	7 21			n.a.
W23	21 26	14 23	5 13	12 40	2 27	25 2	1 6	16 1	4 5	21 34	2 3	17 22	0 42	10 31	0 16	13 40	1 5	33 3	16 16	12 50	12 29	7 23			n.a.
T 24	21 13	17 20	5 6	12 15	2 33	25 0	1 7	16 5	4 4	21 36	2 3	17 24	0 42	10 31	0 16	13 40	1 5	33 2	16 16	12 51	12 30	7 25			n.a.
F 25	21 1	19 13	4 42	11 51	2 38	24 56	1 9	16 10	4 4	21 38	2 3	17 25	0 42	10 32	0 16	13 40	1 5	33 1	16 15	12 53	12 31	7 27			n.a.
S 26	20 48	19 56	4 1	11 29	2 44	24 52	1 11	16 15	4 3	21 40	2 3	17 26	0 42	10 32	0 16	13 41	1 5	33 1	16 15	12 54	12 33	7 29			n.a.
S 27	20 35	19 26	3 6	11 8	2 48	24 47	1 12	16 20	4 3	21 42	2 3	17 27	0 42	10 32	0 16	13 41	1 5	33 0	16 15	12 56	12 34	7 31			n.a.
M28	20 21	17 50	2 2	10 49	2 52	24 41	1 13	16 25	4 2	21 44	2 3	17 28	0 42	10 32	0 16	13 41	1 5	32 59	16 15	12 57	12 35	7 33			n.a.
T 29	20 7	15 18	0 52	10 32	2 56	24 34	1 15	16 30	4 1	21 46	2 3	17 29	0 42	10 32	0 16	13 41	1 5	32 58	16 15	12 57	12 36	7 35			n.a.
W30	19 53	12 3	0s18	10 18	2 58	24 27	1 16	16 35	4 0	21 48	2 3	17 30	0 42	10 32	0 16	13 41	1 5	32 57	16 15	12 57	12 37	7 37			n.a.
T 31	19n38	8s20	1s27	10n 6	3s 0	24n19	1n17	16s41	4s 0	21s50	2s 3	17n31	0s42	10n33	0s16	13n41	1s 5	32n56	16n15	12n57	12n38	7n39			n.a.

Julian Day Number = 194159.5, Delta T = 32h22m24s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'05, Lahiri = -61°24'04 Julian Calendar 1 Aug. 4182 BCE == Greg. Calendar 29 June 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

SEPTEMBER 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 29 21	5♌38'43	24♓57	27♌12	17♋56	26°R25	3°R41	19♉54	27♈18	8♉28	12♌43	26♌45	27♌34	0♉29	n.a.	F 1
S 2	20 33 18	6°39'15	7♈ 2	27°27	19°11	26♒ 6	3♒33	19°57	27°18	8°28	12°45	26°47	27°31	0°35	n.a.	S 2
S 3	20 37 14	7°39'48	18°59	27°R35	20°26	25°46	3°25	20° 1	27°18	8°29	12°48	26°48	27°28	0°42	n.a.	S 3
M 4	20 41 11	8°40'24	0♉50	27°35	21°42	25°25	3°16	20° 4	27°18	8°29	12°50	26°49	27°25	0°49	n.a.	M 4
T 5	20 45 7	9°41'02	12°43	27°25	22°57	25° 4	3° 8	20° 7	27°R18	8°29	12°53	26°R49	27°22	0°55	n.a.	T 5
W 6	20 49 4	10°41'41	24°40	27° 6	24°13	24°43	3° 0	20°10	27°18	8°29	12°55	26°49	27°18	1° 2	n.a.	W 6
T 7	20 53 1	11°42'23	6♊47	26°38	25°29	24°21	2°52	20°13	27°18	8°30	12°57	26°47	27°15	1° 9	n.a.	T 7
F 8	20 56 57	12°43'07	19° 8	25°59	26°44	23°59	2°44	20°16	27°18	8°30	13° 0	26°46	27°12	1°16	n.a.	F 8
S 9	21 0 54	13°43'53	1♋46	25°11	28° 0	23°36	2°36	20°19	27°18	8°30	13° 2	26°44	27° 9	1°22	n.a.	S 9
S 10	21 4 50	14°44'41	14°43	24°13	29°16	23°14	2°29	20°22	27°18	8°30	13° 5	26°42	27° 6	1°29	n.a.	S 10
M11	21 8 47	15°45'30	28° 1	23° 7	0♌31	22°51	2°21	20°24	27°17	8°30	13° 7	26°40	27° 3	1°36	n.a.	M11
T 12	21 12 43	16°46'22	11♌38	21°54	1°47	22°28	2°13	20°27	27°17	8°30	13°10	26°39	26°59	1°42	n.a.	T 12
W13	21 16 40	17°47'14	25°33	20°36	3° 3	22° 5	2° 6	20°29	27°17	8°30	13°12	26°D39	26°56	1°49	n.a.	W13
T 14	21 20 36	18°48'09	9♍42	19°15	4°18	21°41	1°58	20°32	27°16	8°R30	13°15	26°39	26°53	1°56	n.a.	T 14
F 15	21 24 33	19°49'04	24° 0	17°54	5°34	21°18	1°51	20°34	27°16	8°30	13°17	26°40	26°50	2° 3	n.a.	F 15
S 16	21 28 29	20°50'01	8♎23	16°36	6°50	20°55	1°43	20°36	27°15	8°30	13°20	26°40	26°47	2° 9	n.a.	S 16
S 17	21 32 26	21°50'59	22°46	15°24	8° 5	20°32	1°36	20°38	27°15	8°30	13°22	26°41	26°44	2°16	n.a.	S 17
M18	21 36 23	22°51'59	7♏ 6	14°18	9°21	20° 9	1°29	20°40	27°14	8°30	13°24	26°41	26°40	2°23	n.a.	M18
T 19	21 40 19	23°52'59	21°19	13°22	10°37	19°47	1°22	20°41	27°13	8°30	13°27	26°R41	26°37	2°29	n.a.	T 19
W20	21 44 16	24°54'00	5♐23	12°37	11°53	19°25	1°15	20°43	27°12	8°30	13°29	26°41	26°34	2°36	n.a.	W20
T 21	21 48 12	25°55'03	19°17	12° 3	13° 8	19° 3	1° 8	20°44	27°12	8°30	13°32	26°41	26°31	2°43	n.a.	T 21
F 22	21 52 9	26°56'07	2♑59	11°41	14°24	18°41	1° 2	20°46	27°11	8°29	13°34	26°D41	26°28	2°50	n.a.	F 22
S 23	21 56 5	27°57'11	16°28	11°D30	15°40	18°20	0°55	20°47	27°10	8°29	13°36	26°41	26°24	2°56	n.a.	S 23
S 24	22 0 2	28°58'17	29°45	11°30	16°56	17°59	0°49	20°48	27° 9	8°29	13°39	26°42	26°21	3° 3	n.a.	S 24
M25	22 3 58	29°59'23	12♒49	11°41	18°12	17°39	0°43	20°49	27° 8	8°28	13°41	26°42	26°18	3°10	n.a.	M25
T 26	22 7 55	1♍ 0'31	25°39	12° 2	19°27	17°19	0°37	20°50	27° 7	8°28	13°44	26°R42	26°15	3°16	n.a.	T 26
W27	22 11 52	2° 1'39	8♓16	12°32	20°43	17° 0	0°31	20°51	27° 6	8°27	13°46	26°42	26°12	3°23	n.a.	W27
T 28	22 15 48	3° 2'49	20°41	13° 9	21°59	16°41	0°25	20°52	27° 4	8°27	13°48	26°41	26° 9	3°30	n.a.	T 28
F 29	22 19 45	4° 4'00	2♈54	13°54	23°15	16°23	0°19	20°53	27° 3	8°26	13°51	26°40	26° 5	3°37	n.a.	F 29
S 30	22 23 41	5♍ 5'12	14♈57	14♌45	24♌31	16♒ 6	0♒14	20♉53	27♈ 2	8♉26	13♌53	26♌39	26♌ 2	3♉43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n23	4s20	2s30	9n57	3s 1	24n10	1n18	16s47	3s58	21s52	2s 3	17n32	0s42	10n33	0s16	13n42	1s 5	32n55	16n15	12n57	12n39	7n41		n.a.
S 2	19 8	0 15	3 25	9 52	3 1	24 0	1 19	16 53	3 57	21 54	2 3	17 33	0 42	10 33	0 16	13 42	1 5	32 54	16 14	12 56	12 40	7 43		n.a.
S 3	18 52	3n48	4 10	9 50	3 0	23 50	1 20	16 58	3 56	21 56	2 3	17 34	0 42	10 33	0 16	13 42	1 5	32 54	16 14	12 56	12 42	7 45		n.a.
M 4	18 36	7 40	4 44	9 53	2 58	23 39	1 21	17 4	3 55	21 58	2 3	17 35	0 42	10 33	0 16	13 42	1 5	32 53	16 14	12 55	12 43	7 47		n.a.
T 5	18 19	11 14	5 7	10 0	2 54	23 27	1 22	17 10	3 53	22 0	2 3	17 36	0 42	10 33	0 16	13 42	1 5	32 52	16 14	12 55	12 44	7 49		n.a.
W 6	18 3	14 22	5 16	10 11	2 48	23 14	1 23	17 16	3 52	22 2	2 3	17 37	0 42	10 33	0 16	13 42	1 5	32 51	16 14	12 55	12 45	7 51		n.a.
T 7	17 45	16 56	5 11	10 28	2 41	23 1	1 24	17 22	3 50	22 4	2 3	17 38	0 42	10 33	0 16	13 42	1 5	32 50	16 14	12 56	12 46	7 53		n.a.
F 8	17 28	18 48	4 53	10 50	2 32	22 47	1 25	17 28	3 48	22 5	2 3	17 39	0 42	10 33	0 16	13 42	1 6	32 49	16 14	12 56	12 47	7 55		n.a.
S 9	17 10	19 47	4 19	11 17	2 21	22 32	1 25	17 34	3 46	22 7	2 3	17 40	0 42	10 33	0 16	13 42	1 6	32 49	16 14	12 57	12 48	7 57		n.a.
S 10	16 52	19 46	3 32	11 49	2 8	22 17	1 26	17 40	3 44	22 9	2 3	17 40	0 42	10 33	0 16	13 42	1 6	32 48	16 14	12 58	12 49	7 59		n.a.
M11	16 34	18 39	2 32	12 26	1 53	22 0	1 26	17 46	3 42	22 11	2 3	17 41	0 42	10 32	0 16	13 42	1 6	32 47	16 14	12 58	12 50	8 1		n.a.
T 12	16 15	16 28	1 22	13 6	1 36	21 44	1 27	17 52	3 40	22 12	2 3	17 42	0 42	10 32	0 16	13 42	1 6	32 46	16 14	12 59	12 52	8 3		n.a.
W13	15 56	13 16	0 6	13 49	1 18	21 26	1 27	17 58	3 38	22 14	2 2	17 42	0 42	10 32	0 16	13 42	1 6	32 46	16 14	12 59	12 53	8 5		n.a.
T 14	15 36	9 15	1n12	14 33	0 58	21 8	1 27	18 3	3 35	22 16	2 2	17 43	0 41	10 32	0 16	13 42	1 6	32 45	16 14	12 59	12 54	8 7		n.a.
F 15	15 17	4 40	2 26	15 18	0 38	20 49	1 27	18 9	3 33	22 17	2 2	17 44	0 41	10 32	0 16	13 42	1 6	32 44	16 14	12 58	12 55	8 9		n.a.
S 16	14 57	0s11	3 32	16 1	0 18	20 30	1 28	18 14	3 30	22 19	2 2	17 44	0 41	10 32	0 16	13 42	1 6	32 43	16 14	12 58	12 56	8 11		n.a.
S 17	14 37	5 2	4 24	16 43	0n 3	20 10	1 28	18 19	3 28	22 20	2 2	17 45	0 41	10 31	0 16	13 42	1 6	32 43	16 14	12 58	12 57	8 13		n.a.
M18	14 17	9 34	4 59	17 21	0 22	19 49	1 28	18 24	3 25	22 22	2 2	17 45	0 41	10 31	0 16	13 42	1 6	32 42	16 14	12 58	12 58	8 15		n.a.
T 19	13 56	13 31	5 16	17 56	0 41	19 28	1 28	18 29	3 22	22 23	2 2	17 46	0 41	10 31	0 16	13 42	1 6	32 41	16 14	12 58	12 59	8 17		n.a.
W20	13 35	16 39	5 14	18 25	0 58	19 6	1 27	18 33	3 19	22 25	2 1	17 46	0 41	10 31	0 16	13 42	1 6	32 40	16 14	12 58	13 1	8 19		n.a.
T 21	13 14	18 48	4 53	18 50	1 14	18 44	1 27	18 38	3 16	22 26	2 1	17 47	0 41	10 30	0 16	13 42	1 6	32 40	16 15	12 58	13 2	8 21		n.a.
F 22	12 53	19 49	4 16	19 10	1 28	18 21	1 27	18 42	3 13	22 27	2 1	17 47	0 41	10 30	0 16	13 42	1 6	32 39	16 15	12 58	13 3	8 23		n.a.
S 23	12 31	19 40	3 25	19 25	1 40	17 58	1 27	18 46	3 10	22 29	2 1	17 47	0 41	10 30	0 16	13 41	1 6	32 38	16 15	12 58	13 4	8 25		n.a.
S 24	12 9	18 26	2 24	19 35	1 51	17 34	1 26	18 50	3 7	22 30	2 1	17 48	0 41	10 29	0 16	13 41	1 6	32 38	16 15	12 58	13 5	8 27		n.a.
M25	11 47	16 13	1 16	19 40	2 0	17 10	1 26	18 53	3 4	22 31	2 0	17 48	0 41	10 29	0 16	13 41	1 6	32 37	16 15	12 58	13 6	8 29		n.a.
T 26	11 25	13 14	0 6	19 41	2 7	16 45	1 25	18 56	3 1	22 32	2 0	17 48	0 41	10 28	0 16	13 41	1 6	32 36	16 15	12 58	13 7	8 31		n.a.
W27	11 3	9 41	1s 4	19 38	2 13	16 19	1 25	18 59	2 58	22 33	2 0	17 49	0 41	10 28	0 17	13 41	1 6	32 36	16 15	12 58	13 8	8 33		n.a.
T 28	10 40	5 46	2 9	19 31	2 17	15 54	1 24	19 2	2 54	22 34	2 0	17 49	0 41	10 28	0 17	13 41	1 6	32 35	16 15	12 58	13 9	8 35		n.a.
F 29	10 17	1 40	3 8	19 21	2 20	15 27	1 23	19 5	2 51	22 35	1 59	17 49	0 41	10 27	0 17	13 41	1 6	32 35	16 16	12 58	13 10	8 36		n.a.
S 30	9n55	2n25	3s57	19n 8	2n22	15n 1	1n23	19s 7	2s48	22s36	1s59	17n49	0s41	10n27	0s17	13n40	1s 6	32n34	16n16	12n59	13n12	8n38		n.a.

Julian Day Number = 194190.5, Delta T = 32h22m20s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°31'00, Lahiri = -61°24'00 Julian Calendar 1 Sept. 4182 BCE == Greg. Calendar 30 July 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

OCTOBER 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 27 38	6♍ 6'25	26♈53	15♌41	25♌46	15°R49	0°R 9	20♉54	27°R 1	8°R25	13♌55	26°R38	25♌59	3♉50	n.a.	S 1
M 2	22 31 34	7° 7'39	8♉45	16°43	27° 2	15♒33	0♒ 4	20°54	26♈59	8♉25	13°58	26♌37	25°56	3°57	n.a.	M 2
T 3	22 35 31	8° 8'54	20°36	17°48	28°18	15°18	29♑59	20°54	26°58	8°24	14° 0	26°35	25°53	4° 3	n.a.	T 3
W 4	22 39 27	9°10'10	2♊32	18°57	29°34	15° 4	29°54	20°R54	26°56	8°23	14° 2	26°35	25°50	4°10	n.a.	W 4
T 5	22 43 24	10°11'28	14°36	20° 9	0♍50	14°50	29°49	20°54	26°55	8°23	14° 4	26°D35	25°46	4°17	n.a.	T 5
F 6	22 47 21	11°12'46	26°53	21°24	2° 5	14°37	29°45	20°54	26°53	8°22	14° 7	26°35	25°43	4°24	n.a.	F 6
S 7	22 51 17	12°14'06	9♋28	22°42	3°21	14°25	29°41	20°54	26°52	8°21	14° 9	26°36	25°40	4°30	n.a.	S 7
S 8	22 55 14	13°15'26	22°25	24° 1	4°37	14°13	29°37	20°54	26°50	8°20	14°11	26°38	25°37	4°37	n.a.	S 8
M 9	22 59 10	14°16'48	5♌46	25°22	5°53	14° 3	29°33	20°53	26°48	8°20	14°13	26°39	25°34	4°44	n.a.	M 9
T 10	23 3 7	15°18'10	19°33	26°44	7° 8	13°53	29°29	20°52	26°47	8°19	14°16	26°R40	25°30	4°50	n.a.	T 10
W11	23 7 3	16°19'32	3♍44	28° 8	8°24	13°44	29°26	20°52	26°45	8°18	14°18	26°40	25°27	4°57	n.a.	W11
T 12	23 11 0	17°20'55	18°15	29°33	9°40	13°36	29°23	20°51	26°43	8°17	14°20	26°39	25°24	5° 4	n.a.	T 12
F 13	23 14 56	18°22'19	3♎ 1	0♍59	10°56	13°28	29°19	20°50	26°41	8°16	14°22	26°37	25°21	5°11	n.a.	F 13
S 14	23 18 53	19°23'43	17°54	2°26	12°11	13°22	29°17	20°49	26°39	8°15	14°24	26°34	25°18	5°17	n.a.	S 14
S 15	23 22 50	20°25'07	2♏46	3°53	13°27	13°16	29°14	20°48	26°37	8°14	14°26	26°30	25°15	5°24	n.a.	S 15
M16	23 26 46	21°26'32	17°28	5°21	14°43	13°11	29°12	20°47	26°35	8°13	14°28	26°27	25°11	5°31	n.a.	M16
T 17	23 30 43	22°27'56	1♐56	6°50	15°59	13° 7	29° 9	20°45	26°33	8°12	14°30	26°25	25° 8	5°37	n.a.	T 17
W18	23 34 39	23°29'20	16° 6	8°19	17°14	13° 4	29° 7	20°44	26°31	8°11	14°32	26°23	25° 5	5°44	n.a.	W18
T 19	23 38 36	24°30'45	29°55	9°49	18°30	13° 2	29° 5	20°42	26°29	8°10	14°34	26°D23	25° 2	5°51	n.a.	T 19
F 20	23 42 32	25°32'09	13♑24	11°19	19°46	13° 0	29° 4	20°41	26°27	8° 9	14°36	26°24	24°59	5°58	n.a.	F 20
S 21	23 46 29	26°33'33	26°36	12°49	21° 1	13°D 0	29° 2	20°39	26°25	8° 8	14°38	26°26	24°55	6° 4	n.a.	S 21
S 22	23 50 26	27°34'56	9♒31	14°20	22°17	13° 0	29° 1	20°37	26°23	8° 6	14°40	26°27	24°52	6°11	n.a.	S 22
M23	23 54 22	28°36'20	22°13	15°51	23°33	13° 1	29° 0	20°35	26°21	8° 5	14°42	26°R28	24°49	6°18	n.a.	M23
T 24	23 58 19	29°37'43	4♓43	17°22	24°48	13° 2	28°59	20°33	26°19	8° 4	14°44	26°28	24°46	6°24	n.a.	T 24
W25	0 2 15	0♎39'06	17° 2	18°54	26° 4	13° 5	28°59	20°31	26°16	8° 3	14°46	26°26	24°43	6°31	n.a.	W25
T 26	0 6 12	1°40'29	29°14	20°26	27°19	13° 8	28°58	20°28	26°14	8° 1	14°48	26°22	24°40	6°38	n.a.	T 26
F 27	0 10 8	2°41'52	11♈18	21°58	28°35	13°11	28°D58	20°26	26°12	8° 0	14°50	26°17	24°36	6°45	n.a.	F 27
S 28	0 14 5	3°43'15	23°17	23°30	29°50	13°16	28°58	20°23	26° 9	7°59	14°52	26°10	24°33	6°51	n.a.	S 28
S 29	0 18 2	4°44'37	5♉11	25° 3	1♎ 6	13°21	28°59	20°21	26° 7	7°57	14°53	26° 2	24°30	6°58	n.a.	S 29
M30	0 21 58	5°45'59	17° 2	26°36	2°22	13°27	28°59	20°18	26° 5	7°56	14°55	25°54	24°27	7° 5	n.a.	M30
T 31	0 25 55	6♎47'22	28♉54	28♍ 9	3♎37	13♒34	29♑ 0	20♉15	26♈ 2	7♉55	14♌57	25♌48	24♌24	7♉11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	9n31	6n23	4s35	18n51	2n23	14n34	1n22	19s 9	2s44	22s37	1s59	17n49	0s41	10n26	0s17	13n40	1s 6	32n33	16n16	12n59	13n13	8n40			n.a.
M 2	9 8	10 4	5 2	18 32	2 23	14 6	1 21	19 11	2 41	22 38	1 59	17 50	0 41	10 26	0 17	13 40	1 6	32 33	16 16	13 0	13 14	8 42			n.a.
T 3	8 45	13 21	5 15	18 11	2 23	13 38	1 20	19 12	2 38	22 39	1 58	17 50	0 41	10 25	0 17	13 40	1 6	32 32	16 16	13 0	13 15	8 44			n.a.
W 4	8 21	16 6	5 15	17 47	2 21	13 10	1 19	19 13	2 34	22 40	1 58	17 50	0 41	10 25	0 17	13 39	1 6	32 32	16 16	13 0	13 16	8 46			n.a.
T 5	7 57	18 12	5 1	17 22	2 19	12 42	1 18	19 14	2 31	22 40	1 58	17 50	0 41	10 24	0 17	13 39	1 6	32 31	16 17	13 0	13 17	8 48			n.a.
F 6	7 34	19 31	4 34	16 54	2 16	12 13	1 17	19 15	2 28	22 41	1 57	17 50	0 41	10 23	0 17	13 39	1 6	32 31	16 17	13 0	13 18	8 50			n.a.
S 7	7 10	19 54	3 52	16 25	2 13	11 44	1 16	19 16	2 24	22 42	1 57	17 50	0 41	10 23	0 17	13 39	1 6	32 30	16 17	13 0	13 19	8 52			n.a.
S 8	6 45	19 16	2 58	15 55	2 9	11 14	1 14	19 16	2 21	22 42	1 57	17 50	0 41	10 22	0 17	13 38	1 6	32 30	16 17	12 59	13 20	8 54			n.a.
M 9	6 21	17 32	1 53	15 23	2 5	10 44	1 13	19 16	2 18	22 43	1 57	17 49	0 41	10 22	0 17	13 38	1 6	32 29	16 18	12 59	13 22	8 56			n.a.
T 10	5 57	14 45	0 39	14 50	2 0	10 14	1 12	19 16	2 14	22 43	1 56	17 49	0 41	10 21	0 17	13 38	1 6	32 29	16 18	12 58	13 23	8 58			n.a.
W11	5 32	11 1	0n39	14 15	1 56	9 44	1 10	19 15	2 11	22 44	1 56	17 49	0 41	10 20	0 17	13 37	1 6	32 28	16 18	12 58	13 24	9 0			n.a.
T 12	5 8	6 33	1 56	13 40	1 50	9 13	1 9	19 15	2 8	22 44	1 56	17 49	0 41	10 20	0 17	13 37	1 6	32 28	16 18	12 59	13 25	9 2			n.a.
F 13	4 43	1 37	3 7	13 4	1 45	8 42	1 7	19 14	2 4	22 45	1 55	17 49	0 41	10 19	0 17	13 37	1 6	32 27	16 19	13 0	13 26	9 4			n.a.
S 14	4 19	3s26	4 6	12 26	1 39	8 11	1 6	19 13	2 1	22 45	1 55	17 48	0 41	10 18	0 17	13 36	1 6	32 27	16 19	13 1	13 27	9 6			n.a.
S 15	3 54	8 17	4 48	11 48	1 34	7 40	1 4	19 11	1 58	22 45	1 55	17 48	0 41	10 18	0 16	13 36	1 6	32 26	16 19	13 2	13 28	9 8			n.a.
M16	3 29	12 34	5 10	11 10	1 28	7 8	1 3	19 10	1 55	22 45	1 54	17 48	0 41	10 17	0 16	13 36	1 6	32 26	16 19	13 3	13 29	9 10			n.a.
T 17	3 4	16 2	5 13	10 30	1 22	6 37	1 1	19 8	1 52	22 46	1 54	17 48	0 41	10 16	0 16	13 35	1 6	32 26	16 20	13 4	13 30	9 12			n.a.
W18	2 39	18 28	4 56	9 50	1 15	6 5	0 59	19 6	1 49	22 46	1 54	17 47	0 41	10 15	0 16	13 35	1 6	32 25	16 20	13 4	13 31	9 14			n.a.
T 19	2 14	19 45	4 22	9 10	1 9	5 33	0 57	19 3	1 46	22 46	1 53	17 47	0 41	10 15	0 16	13 35	1 6	32 25	16 20	13 4	13 33	9 16			n.a.
F 20	1 49	19 52	3 35	8 29	1 3	5 1	0 56	19 1	1 43	22 46	1 53	17 46	0 41	10 14	0 16	13 34	1 6	32 25	16 21	13 4	13 34	9 18			n.a.
S 21	1 24	18 52	2 37	7 47	0 56	4 29	0 54	18 58	1 40	22 46	1 53	17 46	0 41	10 13	0 16	13 34	1 6	32 24	16 21	13 3	13 35	9 20			n.a.
S 22	0 59	16 54	1 32	7 6	0 49	3 56	0 52	18 55	1 37	22 46	1 52	17 45	0 40	10 12	0 16	13 34	1 6	32 24	16 21	13 3	13 36	9 22			n.a.
M23	0 34	14 8	0 23	6 23	0 43	3 24	0 50	18 52	1 34	22 46	1 52	17 45	0 40	10 11	0 16	13 33	1 6	32 24	16 22	13 2	13 37	9 24			n.a.
T 24	0 9	10 45	0s45	5 41	0 36	2 51	0 48	18 49	1 31	22 45	1 52	17 44	0 40	10 11	0 16	13 33	1 6	32 23	16 22	13 3	13 38	9 26			n.a.
W25	0s16	6 56	1 50	4 58	0 30	2 18	0 46	18 46	1 28	22 45	1 51	17 44	0 40	10 10	0 16	13 32	1 6	32 23	16 23	13 3	13 39	9 28			n.a.
T 26	0 41	2 53	2 49	4 15	0 23	1 46	0 44	18 42	1 25	22 45	1 51	17 43	0 40	10 9	0 16	13 32	1 6	32 23	16 23	13 5	13 40	9 30			n.a.
F 27	1 6	1n14	3 40	3 31	0 16	1 13	0 42	18 38	1 22	22 45	1 51	17 43	0 40	10 8	0 16	13 31	1 6	32 23	16 23	13 7	13 41	9 32			n.a.
S 28	1 31	5 16	4 21	2 48	0 10	0 40	0 40	18 35	1 20	22 44	1 50	17 42	0 40	10 7	0 16	13 31	1 6	32 22	16 24	13 9	13 42	9 34			n.a.
S 29	1 56	9 5	4 49	2 4	0 3	0 8	0 38	18 30	1 17	22 44	1 50	17 41	0 40	10 6	0 16	13 30	1 6	32 22	16 24	13 12	13 43	9 36			n.a.
M30	2 21	12 31	5 6	1 20	0s 3	0s25	0 36	18 26	1 14	22 43	1 50	17 41	0 40	10 5	0 16	13 30	1 7	32 22	16 24	13 14	13 45	9 38			n.a.
T 31	2s46	15n27	5s 9	0n36	0s10	0s58	0n34	18s22	1s12	22s43	1s49	17n40	0s40	10n 5	0s16	13n30	1s 7	32n22	16n25	13n17	13n46	9n40			n.a.

Julian Day Number = 194220.5, Delta T = 32h22m17s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'56, Lahiri = -61°23'56 Julian Calendar 1 Oct. 4182 BCE == Greg. Calendar 29 Aug. 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

NOVEMBER 4182 BCE (-4181) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 29 51	7♎48'44	10♊48	29♍43	4♎53	13♒41	29♑ 1	20°R13	26°R 0	7°R53	14♌58	25°R42	24♌21	7♉18	n.a.	W 1
T 2	0 33 48	8°50'06	22°50	1♎17	6° 8	13°49	29° 2	20♉10	25♈57	7♉52	15° 0	25♌39	24°17	7°25	n.a.	T 2
F 3	0 37 45	9°51'28	5♋ 3	2°52	7°24	13°57	29° 3	20° 7	25°55	7°50	15° 2	25°D37	24°14	7°32	n.a.	F 3
S 4	0 41 41	10°52'49	17°32	4°26	8°39	14° 7	29° 4	20° 3	25°52	7°49	15° 3	25°37	24°11	7°38	n.a.	S 4
S 5	0 45 38	11°54'11	0♌21	6° 1	9°54	14°17	29° 6	20° 0	25°50	7°48	15° 5	25°38	24° 8	7°45	n.a.	S 5
M 6	0 49 34	12°55'32	13°36	7°37	11°10	14°27	29° 8	19°57	25°47	7°46	15° 7	25°39	24° 5	7°52	n.a.	M 6
T 7	0 53 31	13°56'52	27°18	9°13	12°25	14°38	29°10	19°54	25°45	7°45	15° 8	25°R40	24° 1	7°58	n.a.	T 7
W 8	0 57 27	14°58'13	11♍29	10°49	13°41	14°50	29°12	19°50	25°42	7°43	15°10	25°39	23°58	8° 5	n.a.	W 8
T 9	1 1 24	15°59'32	26° 7	12°26	14°56	15° 2	29°15	19°46	25°40	7°41	15°11	25°35	23°55	8°12	n.a.	T 9
F 10	1 5 21	17° 0'51	11♎ 7	14° 3	16°11	15°14	29°17	19°43	25°37	7°40	15°12	25°30	23°52	8°19	n.a.	F 10
S 11	1 9 17	18° 2'10	26°20	15°41	17°27	15°28	29°20	19°39	25°35	7°38	15°14	25°22	23°49	8°25	n.a.	S 11
S 12	1 13 14	19° 3'27	11♏35	17°19	18°42	15°42	29°23	19°35	25°32	7°37	15°15	25°13	23°46	8°32	n.a.	S 12
M13	1 17 10	20° 4'44	26°42	18°57	19°57	15°56	29°27	19°32	25°29	7°35	15°17	25° 5	23°42	8°39	n.a.	M13
T 14	1 21 7	21° 5'59	11♐31	20°36	21°13	16°11	29°30	19°28	25°27	7°34	15°18	24°57	23°39	8°46	n.a.	T 14
W15	1 25 3	22° 7'14	25°56	22°16	22°28	16°26	29°34	19°24	25°24	7°32	15°19	24°52	23°36	8°52	n.a.	W15
T 16	1 29 0	23° 8'27	9♑54	23°56	23°43	16°42	29°38	19°20	25°22	7°30	15°20	24°49	23°33	8°59	n.a.	T 16
F 17	1 32 57	24° 9'39	23°25	25°37	24°58	16°59	29°42	19°15	25°19	7°29	15°22	24°D48	23°30	9° 6	n.a.	F 17
S 18	1 36 53	25°10'49	6♒32	27°18	26°14	17°15	29°46	19°11	25°16	7°27	15°23	24°49	23°26	9°12	n.a.	S 18
S 19	1 40 50	26°11'58	19°18	29° 0	27°29	17°33	29°50	19° 7	25°14	7°25	15°24	24°R50	23°23	9°19	n.a.	S 19
M20	1 44 46	27°13'06	1♓47	0♏42	28°44	17°50	29°55	19° 3	25°11	7°24	15°25	24°49	23°20	9°26	n.a.	M20
T 21	1 48 43	28°14'12	14° 3	2°25	29°59	18° 8	29°59	18°58	25° 9	7°22	15°26	24°47	23°17	9°33	n.a.	T 21
W22	1 52 39	29°15'16	26°10	4° 8	1♏14	18°27	0♒ 5	18°54	25° 6	7°20	15°27	24°43	23°14	9°39	n.a.	W22
T 23	1 56 36	0♏16'20	8♈10	5°52	2°29	18°46	0°10	18°50	25° 3	7°19	15°28	24°35	23°11	9°46	n.a.	T 23
F 24	2 0 33	1°17'22	20° 6	7°36	3°45	19° 5	0°15	18°45	25° 1	7°17	15°29	24°25	23° 7	9°53	n.a.	F 24
S 25	2 4 29	2°18'22	2♉ 0	9°20	5° 0	19°25	0°21	18°41	24°58	7°15	15°30	24°13	23° 4	9°59	n.a.	S 25
S 26	2 8 26	3°19'22	13°53	11° 5	6°15	19°45	0°26	18°36	24°56	7°14	15°31	23°59	23° 1	10° 6	n.a.	S 26
M27	2 12 22	4°20'20	25°45	12°51	7°30	20° 6	0°32	18°32	24°53	7°12	15°32	23°45	22°58	10°13	n.a.	M27
T 28	2 16 19	5°21'16	7♊40	14°36	8°45	20°27	0°38	18°27	24°50	7°10	15°33	23°33	22°55	10°20	n.a.	T 28
W29	2 20 15	6°22'12	19°37	16°21	10° 0	20°48	0°44	18°22	24°48	7° 9	15°34	23°22	22°52	10°26	n.a.	W29
T 30	2 24 12	7♏23'06	1♋41	18♏ 7	11♏15	21♒ 9	0♒51	18♉18	24♈45	7♉ 7	15♌34	23♌14	22♌48	10♉33	n.a.	T 30

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s11	17n46	4 s59	0 s 8	0 s16	1 s31	0n31	18 s17	1 s 9	22 s42	1 s49	17n39	0 s40	10n 4	0 s16	13n29	1 s 7	32n22	16n25	13n19	13n47	9n42		n.a.
T 2	3 36	19 20	4 36	0 52	0 23	2 3	0 29	18 12	1 7	22 42	1 48	17 38	0 40	10 3	0 16	13 29	1 7	32 21	16 26	13 20	13 48	9 44		n.a.
F 3	4 1	20 2	3 59	1 36	0 29	2 36	0 27	18 7	1 4	22 41	1 48	17 38	0 40	10 2	0 16	13 28	1 7	32 21	16 26	13 20	13 49	9 46		n.a.
S 4	4 25	19 46	3 11	2 21	0 35	3 9	0 25	18 2	1 2	22 40	1 48	17 37	0 40	10 1	0 16	13 28	1 7	32 21	16 27	13 20	13 50	9 48		n.a.
S 5	4 50	18 29	2 12	3 5	0 41	3 41	0 22	17 57	0 59	22 40	1 47	17 36	0 40	10 0	0 16	13 27	1 7	32 21	16 27	13 20	13 51	9 49		n.a.
M 6	5 15	16 11	1 5	3 49	0 47	4 14	0 20	17 52	0 57	22 39	1 47	17 35	0 40	9 59	0 16	13 27	1 7	32 21	16 27	13 19	13 52	9 51		n.a.
T 7	5 39	12 53	0n 9	4 33	0 53	4 46	0 18	17 46	0 55	22 38	1 47	17 34	0 40	9 58	0 16	13 26	1 7	32 21	16 28	13 19	13 53	9 53		n.a.
W 8	6 3	8 45	1 24	5 17	0 58	5 18	0 16	17 41	0 52	22 37	1 46	17 33	0 40	9 57	0 16	13 26	1 7	32 21	16 28	13 20	13 54	9 55		n.a.
T 9	6 28	3 58	2 36	6 1	1 4	5 50	0 13	17 35	0 50	22 37	1 46	17 32	0 40	9 56	0 16	13 25	1 7	32 21	16 29	13 21	13 55	9 57		n.a.
F 10	6 52	1 s10	3 39	6 45	1 9	6 22	0 11	17 29	0 48	22 36	1 46	17 32	0 40	9 55	0 16	13 25	1 7	32 21	16 29	13 23	13 56	9 59		n.a.
S 11	7 16	6 18	4 28	7 28	1 14	6 54	0 9	17 23	0 46	22 35	1 45	17 31	0 39	9 54	0 16	13 24	1 7	32 21	16 30	13 26	13 58	10 1		n.a.
S 12	7 40	11 2	4 57	8 12	1 19	7 26	0 6	17 16	0 44	22 34	1 45	17 30	0 39	9 53	0 16	13 24	1 7	32 21	16 30	13 29	13 59	10 3		n.a.
M13	8 4	15 1	5 6	8 55	1 24	7 57	0 4	17 10	0 42	22 33	1 45	17 29	0 39	9 52	0 16	13 23	1 7	32 21	16 31	13 31	14 0	10 5		n.a.
T 14	8 27	17 57	4 53	9 37	1 28	8 28	0 2	17 3	0 39	22 31	1 44	17 28	0 39	9 51	0 16	13 23	1 7	32 21	16 31	13 34	14 1	10 7		n.a.
W15	8 51	19 41	4 22	10 20	1 32	9 0	0 s 1	16 57	0 37	22 30	1 44	17 27	0 39	9 51	0 16	13 22	1 7	32 21	16 32	13 36	14 2	10 9		n.a.
T 16	9 14	20 8	3 37	11 2	1 36	9 30	0 3	16 50	0 36	22 29	1 44	17 25	0 39	9 50	0 16	13 21	1 7	32 21	16 32	13 37	14 3	10 11		n.a.
F 17	9 37	19 24	2 40	11 43	1 40	10 1	0 5	16 43	0 34	22 28	1 43	17 24	0 39	9 49	0 16	13 21	1 7	32 21	16 33	13 37	14 4	10 13		n.a.
S 18	10 1	17 37	1 36	12 24	1 44	10 31	0 8	16 36	0 32	22 27	1 43	17 23	0 39	9 48	0 16	13 20	1 7	32 21	16 33	13 37	14 5	10 15		n.a.
S 19	10 23	14 59	0 30	13 5	1 47	11 1	0 10	16 29	0 30	22 25	1 42	17 22	0 39	9 47	0 16	13 20	1 7	32 21	16 34	13 37	14 6	10 17		n.a.
M20	10 46	11 43	0 s37	13 44	1 49	11 31	0 12	16 21	0 28	22 24	1 42	17 21	0 39	9 46	0 16	13 19	1 7	32 21	16 34	13 37	14 7	10 19		n.a.
T 21	11 9	7 59	1 41	14 23	1 52	12 1	0 15	16 14	0 26	22 23	1 42	17 20	0 39	9 45	0 16	13 19	1 7	32 21	16 35	13 37	14 8	10 21		n.a.
W22	11 31	3 59	2 39	15 2	1 54	12 30	0 17	16 6	0 24	22 21	1 41	17 19	0 39	9 44	0 16	13 18	1 7	32 21	16 35	13 39	14 9	10 23		n.a.
T 23	11 53	0n 8	3 29	15 39	1 55	12 59	0 19	15 59	0 23	22 20	1 41	17 18	0 39	9 43	0 16	13 18	1 7	32 22	16 36	13 42	14 10	10 25		n.a.
F 24	12 15	4 14	4 10	16 16	1 56	13 27	0 21	15 51	0 21	22 18	1 41	17 16	0 39	9 42	0 16	13 17	1 7	32 22	16 36	13 45	14 11	10 27		n.a.
S 25	12 37	8 9	4 39	16 51	1 57	13 55	0 24	15 43	0 19	22 17	1 40	17 15	0 38	9 41	0 16	13 17	1 6	32 22	16 37	13 49	14 13	10 28		n.a.
S 26	12 58	11 44	4 57	17 26	1 57	14 23	0 26	15 35	0 18	22 15	1 40	17 14	0 38	9 40	0 16	13 16	1 6	32 22	16 37	13 54	14 14	10 30		n.a.
M27	13 19	14 52	5 1	17 59	1 57	14 50	0 28	15 27	0 16	22 13	1 40	17 13	0 38	9 39	0 16	13 15	1 6	32 22	16 38	13 59	14 15	10 32		n.a.
T 28	13 40	17 24	4 52	18 31	1 56	15 18	0 30	15 18	0 14	22 12	1 39	17 12	0 38	9 38	0 16	13 15	1 6	32 22	16 38	14 3	14 16	10 34		n.a.
W29	14 1	19 12	4 31	19 1	1 55	15 44	0 32	15 10	0 13	22 10	1 39	17 10	0 38	9 37	0 16	13 14	1 6	32 23	16 39	14 7	14 17	10 36		n.a.
T 30	14 s22	20n 9	3 s57	19 s30	1 s53	16 s10	0 s35	15 s 1	0 s11	22 s 8	1 s39	17n 9	0 s38	9n36	0 s16	13n14	1 s 6	32n23	16n39	14n 9	14n18	10n38		n.a.

Julian Day Number = 194251.5, Delta T = 32h22m14s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'52, Lahiri = -61°23'52 Julian Calendar 1 Nov. 4182 BCE == Greg. Calendar 29 Sept. 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4182 BCE
geocentric

DECEMBER 4182 BCE (-4181) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 28 9	8♏23'59	13♋54	19♏52	12♏30	21♒31	0♒57	18°R13	24°R43	7°R 5	15♌35	23°R 9	22♌45	10♉40	n.a.	F 1
S 2	2 32 5	9°24'50	26°21	21°36	13°45	21°53	1° 4	18♉ 8	24♈40	7♉ 4	15°36	23♌ 6	22°42	10°46	n.a.	S 2
S 3	2 36 2	10°25'41	9♌ 5	23°20	15° 0	22°16	1°11	18° 3	24°38	7° 2	15°37	23°D 6	22°39	10°53	n.a.	S 3
M 4	2 39 58	11°26'30	22°10	25° 3	16°15	22°39	1°18	17°58	24°35	7° 0	15°37	23°R 6	22°36	11° 0	n.a.	M 4
T 5	2 43 55	12°27'17	5♍42	26°44	17°30	23° 2	1°25	17°54	24°33	6°58	15°38	23° 5	22°32	11° 7	n.a.	T 5
W 6	2 47 51	13°28'04	19°42	28°24	18°44	23°25	1°32	17°49	24°31	6°57	15°38	23° 3	22°29	11°13	n.a.	W 6
T 7	2 51 48	14°28'48	4♎11	0♐ 2	19°59	23°49	1°40	17°44	24°28	6°55	15°39	22°58	22°26	11°20	n.a.	T 7
F 8	2 55 45	15°29'32	19° 5	1°37	21°14	24°13	1°47	17°39	24°26	6°53	15°39	22°51	22°23	11°27	n.a.	F 8
S 9	2 59 41	16°30'13	4♏18	3°10	22°29	24°37	1°55	17°34	24°23	6°52	15°40	22°41	22°20	11°34	n.a.	S 9
S 10	3 3 38	17°30'53	19°40	4°38	23°44	25° 2	2° 3	17°29	24°21	6°50	15°40	22°29	22°17	11°40	n.a.	S 10
M11	3 7 34	18°31'32	4♐58	6° 2	24°59	25°27	2°11	17°25	24°19	6°48	15°41	22°18	22°13	11°47	n.a.	M11
T 12	3 11 31	19°32'08	20° 1	7°21	26°14	25°52	2°19	17°20	24°16	6°47	15°41	22° 7	22°10	11°54	n.a.	T 12
W13	3 15 27	20°32'42	4♑41	8°35	27°28	26°17	2°27	17°15	24°14	6°45	15°41	21°59	22° 7	12° 0	n.a.	W13
T 14	3 19 24	21°33'15	18°52	9°42	28°43	26°43	2°36	17°10	24°12	6°44	15°41	21°54	22° 4	12° 7	n.a.	T 14
F 15	3 23 21	22°33'45	2♒33	10°42	29°58	27° 9	2°44	17° 5	24°10	6°42	15°42	21°51	22° 1	12°14	n.a.	F 15
S 16	3 27 17	23°34'13	15°45	11°34	1♐13	27°35	2°53	17° 1	24° 7	6°40	15°42	21°51	21°57	12°21	n.a.	S 16
S 17	3 31 14	24°34'38	28°33	12°18	2°27	28° 1	3° 2	16°56	24° 5	6°39	15°42	21°51	21°54	12°27	n.a.	S 17
M18	3 35 10	25°35'02	11♓ 0	12°52	3°42	28°28	3°11	16°51	24° 3	6°37	15°42	21°50	21°51	12°34	n.a.	M18
T 19	3 39 7	26°35'23	23°11	13°17	4°57	28°55	3°20	16°46	24° 1	6°36	15°42	21°48	21°48	12°41	n.a.	T 19
W20	3 43 3	27°35'42	5♈13	13°33	6°11	29°22	3°29	16°41	23°59	6°34	15°42	21°43	21°45	12°48	n.a.	W20
T 21	3 47 0	28°35'58	17° 7	13°R38	7°26	29°49	3°39	16°37	23°57	6°32	15°R42	21°35	21°42	12°54	n.a.	T 21
F 22	3 50 56	29°36'12	28°59	13°33	8°40	0♓16	3°48	16°32	23°55	6°31	15°42	21°25	21°38	13° 1	n.a.	F 22
S 23	3 54 53	0♐36'25	10♉50	13°19	9°55	0°44	3°58	16°28	23°53	6°29	15°42	21°12	21°35	13° 8	n.a.	S 23
S 24	3 58 50	1°36'35	22°43	12°55	11°10	1°12	4° 8	16°23	23°51	6°28	15°42	20°57	21°32	13°14	n.a.	S 24
M25	4 2 46	2°36'43	4♊40	12°22	12°24	1°39	4°17	16°18	23°49	6°26	15°42	20°43	21°29	13°21	n.a.	M25
T 26	4 6 43	3°36'48	16°40	11°41	13°39	2° 8	4°27	16°14	23°47	6°25	15°42	20°29	21°26	13°28	n.a.	T 26
W27	4 10 39	4°36'52	28°46	10°53	14°53	2°36	4°37	16° 9	23°46	6°23	15°42	20°18	21°23	13°35	n.a.	W27
T 28	4 14 36	5°36'54	10♋58	9°59	16° 8	3° 4	4°48	16° 5	23°44	6°22	15°41	20° 9	21°19	13°41	n.a.	T 28
F 29	4 18 32	6°36'54	23°19	9° 1	17°22	3°33	4°58	16° 1	23°42	6°21	15°41	20° 4	21°16	13°48	n.a.	F 29
S 30	4 22 29	7°36'52	5♌52	8° 0	18°37	4° 2	5° 8	15°56	23°41	6°19	15°41	20° 1	21°13	13°55	n.a.	S 30
S 31	4 26 25	8♐36'48	18♌39	6♐58	19♐51	4♓31	5♒19	15♉52	23♈39	6♉18	15♌40	20°D 0	21♌10	14♉ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s42	20n11	3s12	19s57	1s50	16s36	0s37	14s53	0s10	22s 7	1s39	17n 8	0s38	9n35	0s16	13n13	1s 6	32n23	16n40	14n11	14n19	10n40		n.a.
S 2	15 2	19 14	2 17	20 23	1 46	17 2	0 39	14 44	0 8	22 5	1 38	17 7	0 38	9 34	0 16	13 13	1 6	32 24	16 40	14 12	14 20	10 42		n.a.
S 3	15 22	17 19	1 14	20 46	1 42	17 26	0 41	14 35	0 7	22 3	1 38	17 5	0 38	9 33	0 16	13 12	1 6	32 24	16 41	14 12	14 21	10 44		n.a.
M 4	15 41	14 26	0 5	21 8	1 37	17 51	0 43	14 26	0 5	22 1	1 38	17 4	0 38	9 32	0 16	13 12	1 6	32 24	16 41	14 12	14 22	10 46		n.a.
T 5	16 0	10 42	1n 6	21 27	1 31	18 15	0 45	14 17	0 4	21 59	1 37	17 3	0 38	9 32	0 16	13 11	1 6	32 24	16 42	14 12	14 23	10 48		n.a.
W 6	16 19	6 16	2 16	21 44	1 24	18 38	0 47	14 8	0 3	21 57	1 37	17 1	0 37	9 31	0 16	13 10	1 6	32 25	16 43	14 13	14 24	10 50		n.a.
T 7	16 38	1 19	3 19	21 59	1 17	19 1	0 49	13 58	0 1	21 55	1 37	17 0	0 37	9 30	0 16	13 10	1 6	32 25	16 43	14 15	14 25	10 52		n.a.
F 8	16 56	3s50	4 10	22 11	1 8	19 24	0 51	13 49	0n 0	21 53	1 36	16 59	0 37	9 29	0 16	13 9	1 6	32 25	16 44	14 17	14 26	10 54		n.a.
S 9	17 14	8 51	4 45	22 20	0 59	19 45	0 53	13 40	0 1	21 51	1 36	16 58	0 37	9 28	0 16	13 9	1 6	32 26	16 44	14 20	14 27	10 56		n.a.
S 10	17 32	13 20	5 0	22 27	0 48	20 7	0 55	13 30	0 3	21 49	1 36	16 56	0 37	9 27	0 16	13 8	1 6	32 26	16 45	14 24	14 29	10 57		n.a.
M11	17 49	16 55	4 53	22 32	0 37	20 27	0 56	13 20	0 4	21 47	1 35	16 55	0 37	9 26	0 16	13 8	1 6	32 27	16 45	14 28	14 30	10 59		n.a.
T 12	18 6	19 18	4 26	22 33	0 25	20 48	0 58	13 10	0 5	21 44	1 35	16 54	0 37	9 25	0 16	13 7	1 6	32 27	16 46	14 32	14 31	11 1		n.a.
W13	18 23	20 20	3 42	22 33	0 11	21 7	1 0	13 0	0 6	21 42	1 35	16 52	0 37	9 25	0 16	13 7	1 6	32 27	16 46	14 34	14 32	11 3		n.a.
T 14	18 40	20 1	2 45	22 29	0n 3	21 26	1 2	12 50	0 8	21 40	1 35	16 51	0 37	9 24	0 16	13 6	1 6	32 28	16 47	14 36	14 33	11 5		n.a.
F 15	18 56	18 31	1 40	22 23	0 18	21 44	1 3	12 40	0 9	21 38	1 34	16 50	0 36	9 23	0 16	13 6	1 6	32 28	16 47	14 37	14 34	11 7		n.a.
S 16	19 11	16 3	0 32	22 15	0 33	22 2	1 5	12 30	0 10	21 35	1 34	16 48	0 36	9 22	0 16	13 5	1 6	32 29	16 48	14 37	14 35	11 9		n.a.
S 17	19 27	12 52	0s35	22 5	0 50	22 19	1 6	12 19	0 11	21 33	1 34	16 47	0 36	9 21	0 16	13 5	1 6	32 29	16 49	14 37	14 36	11 11		n.a.
M18	19 42	9 10	1 39	21 53	1 7	22 36	1 8	12 9	0 12	21 30	1 34	16 46	0 36	9 20	0 16	13 4	1 6	32 30	16 49	14 37	14 37	11 13		n.a.
T 19	19 56	5 11	2 38	21 39	1 24	22 51	1 9	11 58	0 13	21 28	1 33	16 45	0 36	9 20	0 16	13 4	1 6	32 30	16 50	14 38	14 38	11 15		n.a.
W20	20 10	1 2	3 28	21 24	1 41	23 7	1 11	11 48	0 14	21 25	1 33	16 43	0 36	9 19	0 16	13 3	1 6	32 31	16 50	14 40	14 39	11 17		n.a.
T 21	20 24	3n 6	4 8	21 7	1 59	23 21	1 12	11 37	0 16	21 23	1 33	16 42	0 36	9 18	0 16	13 3	1 6	32 31	16 51	14 42	14 40	11 19		n.a.
F 22	20 38	7 6	4 38	20 49	2 16	23 35	1 13	11 26	0 17	21 20	1 32	16 41	0 36	9 17	0 16	13 2	1 6	32 32	16 51	14 46	14 41	11 21		n.a.
S 23	20 51	10 50	4 55	20 31	2 33	23 48	1 15	11 15	0 18	21 18	1 32	16 40	0 36	9 17	0 16	13 2	1 6	32 32	16 52	14 50	14 42	11 22		n.a.
S 24	21 4	14 9	5 0	20 12	2 49	24 0	1 16	11 4	0 19	21 15	1 32	16 38	0 35	9 16	0 16	13 1	1 6	32 33	16 52	14 55	14 43	11 24		n.a.
M25	21 16	16 54	4 51	19 53	3 3	24 11	1 17	10 53	0 20	21 13	1 32	16 37	0 35	9 15	0 16	13 1	1 6	32 33	16 53	14 59	14 44	11 26		n.a.
T 26	21 28	18 57	4 30	19 34	3 17	24 22	1 18	10 41	0 21	21 10	1 31	16 36	0 35	9 15	0 16	13 0	1 6	32 34	16 53	15 4	14 45	11 28		n.a.
W27	21 39	20 10	3 56	19 15	3 29	24 32	1 19	10 30	0 22	21 7	1 31	16 35	0 35	9 14	0 16	13 0	1 6	32 34	16 54	15 8	14 46	11 30		n.a.
T 28	21 51	20 28	3 11	18 57	3 40	24 42	1 20	10 19	0 23	21 4	1 31	16 34	0 35	9 13	0 16	12 59	1 6	32 35	16 54	15 10	14 48	11 32		n.a.
F 29	22 1	19 48	2 16	18 40	3 48	24 50	1 21	10 7	0 23	21 1	1 31	16 32	0 35	9 13	0 16	12 59	1 6	32 35	16 55	15 12	14 49	11 34		n.a.
S 30	22 12	18 8	1 14	18 24	3 55	24 58	1 22	9 56	0 24	20 59	1 30	16 31	0 35	9 12	0 16	12 58	1 6	32 36	16 55	15 13	14 50	11 36		n.a.
S 31	22s21	15n33	0s 7	18s 9	3n59	25s 5	1s23	9s44	0n25	20s56	1s30	16n30	0s34	9n12	0s16	12n58	1s 6	32n37	16n56	15n14	14n51	11n38		n.a.

Julian Day Number = 194281.5, Delta T = 32h22m11s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'48, Lahiri = -61°23'48 Julian Calendar 1 Dec. 4182 BCE == Greg. Calendar 29 Oct. 4182 BCE

The year -4181 astronomical counting style corresponds to year 4182 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

JANUARY 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 30 22	9♐36'41	1♍43	5°R55	21♐ 5	5♓ 0	5♒29	15°R48	23°R37	6°R16	15°R40	20♌ 0	21♌ 7	14♉ 8	n.a.	M 1
T 2	4 34 19	10°36'33	15° 9	4♐55	22°20	5°29	5°40	15♉44	23♈36	6♉15	15♌40	20°R 0	21° 3	14°15	n.a.	T 2
W 3	4 38 15	11°36'23	28°58	3°57	23°34	5°59	5°51	15°39	23°34	6°14	15°39	19°59	21° 0	14°22	n.a.	W 3
T 4	4 42 12	12°36'11	13♎12	3° 3	24°49	6°28	6° 2	15°35	23°33	6°12	15°39	19°56	20°57	14°28	n.a.	T 4
F 5	4 46 8	13°35'57	27°50	2°14	26° 3	6°58	6°13	15°31	23°31	6°11	15°38	19°50	20°54	14°35	n.a.	F 5
S 6	4 50 5	14°35'42	12♏46	1°30	27°17	7°28	6°24	15°27	23°30	6°10	15°38	19°42	20°51	14°42	n.a.	S 6
S 7	4 54 1	15°35'24	27°54	0°52	28°31	7°58	6°35	15°24	23°29	6° 9	15°37	19°32	20°48	14°49	n.a.	S 7
M 8	4 57 58	16°35'04	13♐ 3	0°21	29°46	8°28	6°46	15°20	23°27	6° 7	15°37	19°22	20°44	14°55	n.a.	M 8
T 9	5 1 54	17°34'42	28° 3	29♏55	1♑ 0	8°58	6°58	15°16	23°26	6° 6	15°36	19°13	20°41	15° 2	n.a.	T 9
W10	5 5 51	18°34'17	12♑44	29°37	2°14	9°29	7° 9	15°12	23°25	6° 5	15°35	19° 6	20°38	15° 9	n.a.	W10
T 11	5 9 48	19°33'50	27° 1	29°24	3°28	9°59	7°21	15° 9	23°24	6° 4	15°35	19° 2	20°35	15°15	n.a.	T 11
F 12	5 13 44	20°33'21	10♒49	29°D19	4°43	10°30	7°32	15° 5	23°23	6° 3	15°34	19° 0	20°32	15°22	n.a.	F 12
S 13	5 17 41	21°32'49	24° 9	29°19	5°57	11° 1	7°44	15° 2	23°22	6° 2	15°33	19°D 0	20°29	15°29	n.a.	S 13
S 14	5 21 37	22°32'14	7♓ 3	29°25	7°11	11°32	7°56	14°59	23°21	6° 1	15°32	19° 0	20°25	15°36	n.a.	S 14
M15	5 25 34	23°31'37	19°35	29°36	8°25	12° 3	8° 8	14°55	23°20	6° 0	15°31	19°R 1	20°22	15°42	n.a.	M15
T 16	5 29 30	24°30'57	1♈49	29°53	9°39	12°34	8°20	14°52	23°19	5°59	15°31	19° 1	20°19	15°49	n.a.	T 16
W17	5 33 27	25°30'15	13°51	0♐16	10°53	13° 5	8°32	14°49	23°18	5°58	15°30	18°59	20°16	15°56	n.a.	W17
T 18	5 37 23	26°29'30	25°45	0°42	12° 7	13°37	8°44	14°46	23°17	5°57	15°29	18°55	20°13	16° 3	n.a.	T 18
F 19	5 41 20	27°28'42	7♉36	1°14	13°21	14° 8	8°56	14°43	23°17	5°56	15°28	18°48	20° 9	16° 9	n.a.	F 19
S 20	5 45 16	28°27'53	19°28	1°49	14°35	14°40	9° 8	14°40	23°16	5°55	15°27	18°40	20° 6	16°16	n.a.	S 20
S 21	5 49 13	29°27'00	1♊23	2°29	15°49	15°12	9°20	14°38	23°15	5°54	15°26	18°31	20° 3	16°23	n.a.	S 21
M22	5 53 9	0♑26'06	13°24	3°12	17° 3	15°43	9°33	14°35	23°15	5°53	15°25	18°22	20° 0	16°29	n.a.	M22
T 23	5 57 6	1°25'09	25°33	3°59	18°17	16°15	9°45	14°32	23°14	5°52	15°24	18°13	19°57	16°36	n.a.	T 23
W24	6 1 2	2°24'09	7♋50	4°50	19°31	16°47	9°58	14°30	23°14	5°52	15°23	18° 6	19°54	16°43	n.a.	W24
T 25	6 4 59	3°23'08	20°17	5°43	20°45	17°19	10°10	14°28	23°13	5°51	15°22	18° 0	19°50	16°50	n.a.	T 25
F 26	6 8 56	4°22'04	2♌53	6°40	21°59	17°51	10°23	14°25	23°13	5°50	15°20	17°57	19°47	16°56	n.a.	F 26
S 27	6 12 52	5°20'58	15°42	7°39	23°12	18°24	10°36	14°23	23°13	5°49	15°19	17°D56	19°44	17° 3	n.a.	S 27
S 28	6 16 49	6°19'50	28°42	8°41	24°26	18°56	10°48	14°21	23°12	5°49	15°18	17°56	19°41	17°10	n.a.	S 28
M29	6 20 45	7°18'40	11♍57	9°46	25°40	19°28	11° 1	14°19	23°12	5°48	15°17	17°58	19°38	17°17	n.a.	M29
T 30	6 24 42	8°17'28	25°28	10°53	26°54	20° 1	11°14	14°17	23°12	5°47	15°16	17°59	19°35	17°23	n.a.	T 30
W31	6 28 38	9♑16'14	9♎15	12♐ 2	28♑ 7	20♓34	11♒27	14♉15	23♈12	5♉47	15♌14	18°R 0	19♌31	17♉30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	22s31	12n 7	1n 2	17s57	4n 1	25s12	1s23	9s32	0n26	20s53	1s30	16n29	0s34	9n11	0s16	12n57	1s 6	32n37	16n56	15n13	14n52	11n40			n.a.
T 2	22 40	7 59	2 9	17 46	4 1	25 17	1 24	9 20	0 27	20 50	1 30	16 28	0 34	9 10	0 16	12 57	1 6	32 38	16 57	15 13	14 53	11 42			n.a.
W 3	22 48	3 20	3 11	17 37	3 59	25 22	1 25	9 9	0 28	20 47	1 30	16 27	0 34	9 10	0 15	12 57	1 6	32 38	16 57	15 14	14 54	11 43			n.a.
T 4	22 57	1s38	4 4	17 30	3 56	25 26	1 25	8 57	0 29	20 44	1 29	16 26	0 34	9 9	0 15	12 56	1 6	32 39	16 58	15 15	14 55	11 45			n.a.
F 5	23 4	6 38	4 41	17 26	3 50	25 29	1 26	8 44	0 30	20 41	1 29	16 25	0 34	9 9	0 15	12 56	1 6	32 40	16 58	15 17	14 56	11 47			n.a.
S 6	23 12	11 20	5 1	17 24	3 43	25 31	1 26	8 32	0 30	20 38	1 29	16 24	0 34	9 8	0 15	12 55	1 5	32 40	16 59	15 19	14 57	11 49			n.a.
S 7	23 18	15 23	5 0	17 24	3 35	25 33	1 27	8 20	0 31	20 35	1 29	16 23	0 34	9 8	0 15	12 55	1 5	32 41	16 59	15 23	14 58	11 51			n.a.
M 8	23 25	18 24	4 38	17 27	3 26	25 34	1 27	8 8	0 32	20 32	1 28	16 22	0 33	9 7	0 15	12 55	1 5	32 42	17 0	15 26	14 59	11 53			n.a.
T 9	23 31	20 9	3 57	17 31	3 16	25 34	1 27	7 55	0 33	20 28	1 28	16 21	0 33	9 7	0 15	12 54	1 5	32 42	17 0	15 29	15 0	11 55			n.a.
W10	23 36	20 29	3 1	17 38	3 5	25 33	1 27	7 43	0 34	20 25	1 28	16 20	0 33	9 6	0 15	12 54	1 5	32 43	17 1	15 31	15 1	11 57			n.a.
T 11	23 41	19 28	1 55	17 47	2 53	25 32	1 28	7 30	0 34	20 22	1 28	16 19	0 33	9 6	0 15	12 54	1 5	32 44	17 1	15 32	15 2	11 59			n.a.
F 12	23 46	17 19	0 44	17 57	2 41	25 29	1 28	7 18	0 35	20 19	1 28	16 18	0 33	9 6	0 15	12 53	1 5	32 44	17 2	15 33	15 3	12 0			n.a.
S 13	23 50	14 17	0s28	18 9	2 29	25 26	1 28	7 5	0 36	20 15	1 27	16 17	0 33	9 5	0 15	12 53	1 5	32 45	17 2	15 33	15 4	12 2			n.a.
S 14	23 54	10 38	1 35	18 23	2 16	25 22	1 28	6 53	0 37	20 12	1 27	16 16	0 33	9 5	0 15	12 53	1 5	32 46	17 3	15 33	15 5	12 4			n.a.
M15	23 57	6 37	2 36	18 37	2 4	25 17	1 27	6 40	0 37	20 9	1 27	16 15	0 32	9 5	0 15	12 52	1 5	32 46	17 3	15 32	15 6	12 6			n.a.
T 16	24 0	2 26	3 29	18 53	1 51	25 12	1 27	6 27	0 38	20 5	1 27	16 14	0 32	9 4	0 15	12 52	1 5	32 47	17 4	15 33	15 7	12 8			n.a.
W17	24 2	1n46	4 11	19 11	1 38	25 6	1 27	6 14	0 39	20 2	1 27	16 14	0 32	9 4	0 15	12 52	1 5	32 48	17 4	15 33	15 8	12 10			n.a.
T 18	24 4	5 52	4 42	19 28	1 26	24 59	1 27	6 1	0 39	19 58	1 27	16 13	0 32	9 4	0 15	12 51	1 5	32 48	17 4	15 34	15 9	12 12			n.a.
F 19	24 5	9 43	5 1	19 47	1 14	24 51	1 26	5 48	0 40	19 55	1 26	16 12	0 32	9 3	0 15	12 51	1 5	32 49	17 5	15 37	15 10	12 14			n.a.
S 20	24 6	13 11	5 6	20 6	1 1	24 43	1 26	5 35	0 41	19 51	1 26	16 11	0 32	9 3	0 15	12 51	1 5	32 50	17 5	15 39	15 11	12 16			n.a.
S 21	24 7	16 9	4 59	20 26	0 50	24 33	1 25	5 22	0 41	19 48	1 26	16 11	0 32	9 3	0 15	12 51	1 5	32 51	17 6	15 42	15 12	12 17			n.a.
M22	24 7	18 27	4 38	20 46	0 38	24 23	1 25	5 8	0 42	19 44	1 26	16 10	0 31	9 3	0 15	12 50	1 5	32 51	17 6	15 45	15 14	12 19			n.a.
T 23	24 6	19 58	4 5	21 6	0 27	24 13	1 24	4 55	0 43	19 41	1 26	16 9	0 31	9 3	0 15	12 50	1 5	32 52	17 7	15 48	15 15	12 21			n.a.
W24	24 5	20 34	3 19	21 27	0 16	24 1	1 23	4 42	0 43	19 37	1 25	16 9	0 31	9 2	0 15	12 50	1 5	32 53	17 7	15 50	15 16	12 23			n.a.
T 25	24 4	20 10	2 24	21 47	0 5	23 49	1 22	4 28	0 44	19 33	1 25	16 8	0 31	9 2	0 15	12 50	1 5	32 53	17 7	15 52	15 17	12 25			n.a.
F 26	24 2	18 45	1 21	22 7	0s 6	23 36	1 22	4 15	0 44	19 30	1 25	16 8	0 31	9 2	0 15	12 49	1 5	32 54	17 8	15 53	15 18	12 27			n.a.
S 27	24 0	16 23	0 12	22 27	0 16	23 23	1 21	4 2	0 45	19 26	1 25	16 7	0 31	9 2	0 15	12 49	1 5	32 55	17 8	15 53	15 19	12 29			n.a.
S 28	23 57	13 9	0n58	22 47	0 25	23 8	1 20	3 48	0 46	19 22	1 25	16 7	0 31	9 2	0 15	12 49	1 5	32 56	17 8	15 53	15 20	12 31			n.a.
M29	23 54	9 13	2 7	23 7	0 35	22 54	1 19	3 34	0 46	19 18	1 25	16 6	0 30	9 2	0 15	12 49	1 5	32 56	17 9	15 53	15 21	12 32			n.a.
T 30	23 51	4 44	3 10	23 25	0 43	22 38	1 17	3 21	0 47	19 15	1 25	16 6	0 30	9 2	0 15	12 49	1 4	32 57	17 9	15 52	15 22	12 34			n.a.
W31	23s47	0s 4	4n 3	23s44	0s52	22s22	1s16	3s 7	0n47	19s11	1s24	16n 5	0s30	9n 2	0s15	12n49	1s 4	32n58	17n 9	15n52	15n23	12n36			n.a.

Julian Day Number = 194312.5, Delta T = 32h22m07s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'44, Lahiri = -61°23'44 Julian Calendar 1 Jan. 4181 BCE == Greg. Calendar 29 Nov. 4182 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

FEBRUARY 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 32 35	10♉14'58	23♎20	13♐14	29♉21	21♓ 6	11♒40	14°R14	23°R12	5°R46	15°R13	17°R59	19♌28	17♑37	n.a.	T 1
F 2	6 36 31	11°13'40	7♏42	14°27	0♒35	21°39	11°53	14♑12	23°D12	5♑46	15♌12	17♌57	19°25	17°43	n.a.	F 2
S 3	6 40 28	12°12'21	22°17	15°43	1°48	22°12	12° 6	14°11	23♈12	5°45	15°11	17°53	19°22	17°50	n.a.	S 3
S 4	6 44 24	13°10'59	7♐ 0	17° 1	3° 2	22°45	12°19	14° 9	23°12	5°45	15° 9	17°48	19°19	17°57	n.a.	S 4
M 5	6 48 21	14° 9'36	21°45	18°21	4°15	23°18	12°32	14° 8	23°12	5°44	15° 8	17°43	19°15	18° 4	n.a.	M 5
T 6	6 52 17	15° 8'10	6♉25	19°43	5°29	23°51	12°45	14° 7	23°12	5°44	15° 6	17°38	19°12	18°10	n.a.	T 6
W 7	6 56 14	16° 6'43	20°51	21° 6	6°43	24°24	12°59	14° 6	23°13	5°44	15° 5	17°35	19° 9	18°17	n.a.	W 7
T 8	7 0 10	17° 5'13	4♒59	22°31	7°56	24°57	13°12	14° 5	23°13	5°43	15° 4	17°33	19° 6	18°24	n.a.	T 8
F 9	7 4 7	18° 3'41	18°44	23°59	9° 9	25°31	13°25	14° 4	23°13	5°43	15° 2	17°D32	19° 3	18°31	n.a.	F 9
S 10	7 8 4	19° 2'06	2♓ 4	25°27	10°23	26° 4	13°39	14° 3	23°14	5°43	15° 1	17°33	19° 0	18°37	n.a.	S 10
S 11	7 12 0	20° 0'29	15° 1	26°58	11°36	26°38	13°52	14° 2	23°14	5°43	14°59	17°34	18°56	18°44	n.a.	S 11
M12	7 15 57	20°58'50	27°37	28°30	12°50	27°11	14° 5	14° 2	23°15	5°42	14°58	17°36	18°53	18°51	n.a.	M12
T 13	7 19 53	21°57'09	9♈56	0♉ 4	14° 3	27°45	14°19	14° 1	23°15	5°42	14°56	17°37	18°50	18°57	n.a.	T 13
W14	7 23 50	22°55'25	22° 1	1°40	15°16	28°18	14°32	14° 1	23°16	5°42	14°55	17°R38	18°47	19° 4	n.a.	W14
T 15	7 27 46	23°53'39	3♑57	3°17	16°29	28°52	14°46	14° 1	23°17	5°42	14°53	17°37	18°44	19°11	n.a.	T 15
F 16	7 31 43	24°51'51	15°50	4°56	17°42	29°26	15° 0	14° 1	23°17	5°42	14°52	17°36	18°41	19°18	n.a.	F 16
S 17	7 35 39	25°50'00	27°43	6°37	18°56	29°59	15°13	14°D 1	23°18	5°D42	14°50	17°33	18°37	19°24	n.a.	S 17
S 18	7 39 36	26°48'08	9♊41	8°19	20° 9	0♈34	15°27	14° 1	23°19	5°42	14°49	17°30	18°34	19°31	n.a.	S 18
M19	7 43 32	27°46'13	21°47	10° 4	21°22	1° 8	15°41	14° 1	23°20	5°42	14°47	17°27	18°31	19°38	n.a.	M19
T 20	7 47 29	28°44'16	4♋ 3	11°49	22°35	1°42	15°54	14° 1	23°21	5°42	14°45	17°24	18°28	19°44	n.a.	T 20
W21	7 51 25	29°42'17	16°32	13°37	23°48	2°16	16° 8	14° 2	23°22	5°42	14°44	17°22	18°25	19°51	n.a.	W21
T 22	7 55 22	0♒40'16	29°15	15°26	25° 1	2°50	16°22	14° 2	23°23	5°42	14°42	17°20	18°21	19°58	n.a.	T 22
F 23	7 59 18	1°38'14	12♌11	17°17	26°14	3°24	16°35	14° 3	23°24	5°43	14°41	17°D20	18°18	20° 5	n.a.	F 23
S 24	8 3 15	2°36'09	25°21	19° 9	27°27	3°58	16°49	14° 4	23°25	5°43	14°39	17°20	18°15	20°11	n.a.	S 24
S 25	8 7 12	3°34'03	8♍44	21° 4	28°39	4°33	17° 3	14° 4	23°26	5°43	14°37	17°20	18°12	20°18	n.a.	S 25
M26	8 11 8	4°31'55	22°20	22°59	29°52	5° 7	17°17	14° 5	23°28	5°43	14°36	17°21	18° 9	20°25	n.a.	M26
T 27	8 15 5	5°29'45	6♎ 8	24°57	1♓ 5	5°41	17°31	14° 6	23°29	5°44	14°34	17°22	18° 6	20°32	n.a.	T 27
W28	8 19 1	6°27'34	20° 6	26°56	2°18	6°16	17°45	14° 8	23°30	5°44	14°32	17°23	18° 2	20°38	n.a.	W28
T 29	8 22 58	7♒25'21	4♏13	28♉57	3♓30	6♈50	17♒58	14♑ 9	23♈32	5♑44	14♌31	17°R23	17♌59	20♑45	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s42	4s57	4n43	24s 1	1s 0	22s 5	1s15	2s53	0n48	19s 7	1s24	16n 5	0s30	9n 2	0s15	12n48	1s 4	32n59	17n10	15n52	15n24	12n38		n.a.
F 2	23 37	9 39	5 6	24 18	1 8	21 47	1 14	2 40	0 48	19 3	1 24	16 5	0 30	9 2	0 15	12 48	1 4	32 59	17 10	15 53	15 25	12 40		n.a.
S 3	23 32	13 52	5 10	24 34	1 15	21 29	1 12	2 26	0 49	18 59	1 24	16 4	0 30	9 2	0 15	12 48	1 4	33 0	17 10	15 54	15 26	12 42		n.a.
S 4	23 26	17 16	4 54	24 49	1 22	21 11	1 11	2 12	0 50	18 55	1 24	16 4	0 29	9 2	0 15	12 48	1 4	33 1	17 11	15 56	15 27	12 44		n.a.
M 5	23 20	19 33	4 18	25 3	1 28	20 51	1 9	1 58	0 50	18 51	1 24	16 4	0 29	9 2	0 15	12 48	1 4	33 1	17 11	15 57	15 28	12 45		n.a.
T 6	23 13	20 32	3 26	25 16	1 34	20 32	1 8	1 44	0 51	18 47	1 24	16 4	0 29	9 2	0 15	12 48	1 4	33 2	17 11	15 59	15 29	12 47		n.a.
W 7	23 6	20 8	2 21	25 28	1 40	20 11	1 6	1 30	0 51	18 43	1 23	16 3	0 29	9 2	0 15	12 48	1 4	33 3	17 11	16 0	15 30	12 49		n.a.
T 8	22 59	18 27	1 8	25 39	1 45	19 50	1 5	1 16	0 52	18 39	1 23	16 3	0 29	9 2	0 15	12 48	1 4	33 4	17 12	16 0	15 31	12 51		n.a.
F 9	22 51	15 44	0s 7	25 48	1 50	19 29	1 3	1 2	0 52	18 35	1 23	16 3	0 29	9 3	0 15	12 48	1 4	33 4	17 12	16 1	15 32	12 53		n.a.
S 10	22 43	12 15	1 19	25 56	1 54	19 7	1 1	0 48	0 52	18 31	1 23	16 3	0 29	9 3	0 15	12 48	1 4	33 5	17 12	16 0	15 33	12 55		n.a.
S 11	22 34	8 17	2 25	26 2	1 58	18 44	0 59	0 34	0 53	18 27	1 23	16 3	0 28	9 3	0 15	12 48	1 4	33 6	17 12	16 0	15 34	12 57		n.a.
M12	22 25	4 3	3 22	26 7	2 1	18 21	0 57	0 20	0 53	18 23	1 23	16 3	0 28	9 3	0 15	12 48	1 4	33 6	17 13	15 59	15 35	12 58		n.a.
T 13	22 16	0n14	4 9	26 11	2 4	17 57	0 55	0 6	0 54	18 19	1 23	16 3	0 28	9 4	0 15	12 48	1 4	33 7	17 13	15 59	15 36	13 0		n.a.
W14	22 6	4 26	4 44	26 12	2 6	17 33	0 53	0n 8	0 54	18 15	1 23	16 3	0 28	9 4	0 14	12 48	1 4	33 8	17 13	15 59	15 37	13 2		n.a.
T 15	21 56	8 25	5 6	26 12	2 8	17 9	0 51	0 22	0 55	18 10	1 23	16 3	0 28	9 4	0 14	12 48	1 4	33 8	17 13	15 59	15 38	13 4		n.a.
F 16	21 45	12 2	5 14	26 10	2 9	16 44	0 49	0 36	0 55	18 6	1 22	16 3	0 28	9 4	0 14	12 48	1 4	33 9	17 13	16 0	15 39	13 6		n.a.
S 17	21 34	15 11	5 9	26 6	2 10	16 19	0 47	0 51	0 56	18 2	1 22	16 3	0 28	9 5	0 14	12 48	1 4	33 10	17 14	16 0	15 40	13 8		n.a.
S 18	21 23	17 44	4 51	26 0	2 10	15 53	0 45	1 5	0 56	17 58	1 22	16 3	0 27	9 5	0 14	12 48	1 4	33 11	17 14	16 1	15 41	13 9		n.a.
M19	21 11	19 31	4 20	25 52	2 10	15 27	0 43	1 19	0 57	17 53	1 22	16 4	0 27	9 5	0 14	12 48	1 4	33 11	17 14	16 2	15 42	13 11		n.a.
T 20	20 59	20 27	3 36	25 42	2 9	15 0	0 40	1 33	0 57	17 49	1 22	16 4	0 27	9 6	0 14	12 48	1 3	33 12	17 14	16 3	15 43	13 13		n.a.
W21	20 47	20 23	2 42	25 30	2 7	14 34	0 38	1 48	0 57	17 45	1 22	16 4	0 27	9 6	0 14	12 48	1 3	33 13	17 14	16 4	15 44	13 15		n.a.
T 22	20 34	19 17	1 38	25 16	2 5	14 6	0 36	2 2	0 58	17 40	1 22	16 4	0 27	9 7	0 14	12 48	1 3	33 13	17 14	16 4	15 45	13 17		n.a.
F 23	20 21	17 10	0 28	24 59	2 3	13 39	0 33	2 16	0 58	17 36	1 22	16 5	0 27	9 7	0 14	12 48	1 3	33 14	17 15	16 5	15 46	13 19		n.a.
S 24	20 8	14 7	0n44	24 40	1 59	13 11	0 31	2 31	0 59	17 32	1 22	16 5	0 27	9 8	0 14	12 48	1 3	33 14	17 15	16 5	15 47	13 21		n.a.
S 25	19 54	10 18	1 56	24 19	1 56	12 43	0 28	2 45	0 59	17 27	1 22	16 5	0 26	9 8	0 14	12 48	1 3	33 15	17 15	16 4	15 48	13 22		n.a.
M26	19 40	5 53	3 2	23 55	1 51	12 14	0 26	2 59	0 59	17 23	1 22	16 6	0 26	9 8	0 14	12 49	1 3	33 16	17 15	16 4	15 49	13 24		n.a.
T 27	19 26	1 8	3 58	23 29	1 47	11 45	0 23	3 14	1 0	17 19	1 22	16 6	0 26	9 9	0 14	12 49	1 3	33 16	17 15	16 4	15 50	13 26		n.a.
W28	19 11	3s44	4 42	23 1	1 41	11 16	0 21	3 28	1 0	17 14	1 21	16 7	0 26	9 10	0 14	12 49	1 3	33 17	17 15	16 3	15 51	13 28		n.a.
T 29	18s56	8s27	5n 8	22s30	1s35	10s47	0s18	3n42	1n 0	17s10	1s21	16n 7	0s26	9n10	0s14	12n49	1s 3	33n18	17n15	16n 3	15n52	13n30		n.a.

Julian Day Number = 194343.5, Delta T = 32h22m04s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'40, Lahiri = -61°23'39 Julian Calendar 1 Feb. 4181 BCE == Greg. Calendar 30 Dec. 4182 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

MARCH 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 26 54	8♒23'07	18♏27	1♒ 0	4♓43	7♈25	18♒12	14♉10	23♈33	5♉45	14°R29	17°R23	17♌56	20♉52	n.a.	F 1
S 2	8 30 51	9°20'52	2♐45	3° 3	5°55	7°59	18°26	14°12	23°35	5°45	14♌27	17♌23	17°53	20°58	n.a.	S 2
S 3	8 34 47	10°18'35	17° 5	5° 9	7° 8	8°34	18°40	14°13	23°36	5°46	14°26	17°22	17°50	21° 5	n.a.	S 3
M 4	8 38 44	11°16'18	1♑23	7°15	8°20	9° 9	18°54	14°15	23°38	5°46	14°24	17°21	17°46	21°12	n.a.	M 4
T 5	8 42 40	12°13'58	15°34	9°23	9°33	9°44	19° 8	14°17	23°39	5°47	14°22	17°21	17°43	21°19	n.a.	T 5
W 6	8 46 37	13°11'37	29°35	11°31	10°45	10°18	19°22	14°18	23°41	5°47	14°21	17°20	17°40	21°25	n.a.	W 6
T 7	8 50 33	14° 9'15	13♒22	13°41	11°58	10°53	19°36	14°20	23°43	5°48	14°19	17°D20	17°37	21°32	n.a.	T 7
F 8	8 54 30	15° 6'51	26°52	15°50	13°10	11°28	19°50	14°22	23°45	5°48	14°17	17°20	17°34	21°39	n.a.	F 8
S 9	8 58 27	16° 4'26	10♓ 3	18° 1	14°22	12° 3	20° 4	14°25	23°46	5°49	14°15	17°20	17°31	21°46	n.a.	S 9
S 10	9 2 23	17° 1'58	22°55	20°11	15°35	12°38	20°18	14°27	23°48	5°50	14°14	17°R21	17°27	21°52	n.a.	S 10
M11	9 6 20	17°59'30	5♈30	22°21	16°47	13°13	20°32	14°29	23°50	5°50	14°12	17°20	17°24	21°59	n.a.	M11
T 12	9 10 16	18°56'59	17°49	24°30	17°59	13°48	20°46	14°32	23°52	5°51	14°10	17°20	17°21	22° 6	n.a.	T 12
W13	9 14 13	19°54'27	29°56	26°39	19°11	14°24	21° 0	14°34	23°54	5°52	14° 9	17°20	17°18	22°12	n.a.	W13
T 14	9 18 9	20°51'54	11♉54	28°46	20°23	14°59	21°14	14°37	23°56	5°53	14° 7	17°20	17°15	22°19	n.a.	T 14
F 15	9 22 6	21°49'18	23°47	0♓53	21°35	15°34	21°28	14°40	23°58	5°54	14° 5	17°D20	17°12	22°26	n.a.	F 15
S 16	9 26 2	22°46'42	5♊42	2°57	22°47	16° 9	21°42	14°42	24° 0	5°55	14° 4	17°20	17° 8	22°33	n.a.	S 16
S 17	9 29 59	23°44'04	17°41	5° 0	23°59	16°45	21°56	14°45	24° 3	5°55	14° 2	17°21	17° 5	22°39	n.a.	S 17
M18	9 33 55	24°41'24	29°49	7° 1	25°11	17°20	22°10	14°48	24° 5	5°56	14° 0	17°21	17° 2	22°46	n.a.	M18
T 19	9 37 52	25°38'43	12♋10	9° 0	26°22	17°55	22°24	14°51	24° 7	5°57	13°59	17°22	16°59	22°53	n.a.	T 19
W20	9 41 49	26°36'00	24°47	10°56	27°34	18°31	22°38	14°55	24° 9	5°58	13°57	17°23	16°56	23° 0	n.a.	W20
T 21	9 45 45	27°33'17	7♌43	12°50	28°46	19° 6	22°52	14°58	24°12	5°59	13°55	17°23	16°52	23° 6	n.a.	T 21
F 22	9 49 42	28°30'32	20°57	14°41	29°57	19°42	23° 6	15° 1	24°14	6° 0	13°54	17°R23	16°49	23°13	n.a.	F 22
S 23	9 53 38	29°27'45	4♍30	16°29	1♈ 9	20°17	23°20	15° 5	24°17	6° 2	13°52	17°23	16°46	23°20	n.a.	S 23
S 24	9 57 35	0♓24'58	18°20	18°15	2°20	20°53	23°34	15° 8	24°19	6° 3	13°51	17°22	16°43	23°26	n.a.	S 24
M25	10 1 31	1°22'10	2♎23	19°58	3°32	21°29	23°47	15°12	24°21	6° 4	13°49	17°20	16°40	23°33	n.a.	M25
T 26	10 5 28	2°19'21	16°36	21°38	4°43	22° 4	24° 1	15°16	24°24	6° 5	13°47	17°19	16°37	23°40	n.a.	T 26
W27	10 9 24	3°16'31	0♏54	23°15	5°54	22°40	24°15	15°19	24°27	6° 6	13°46	17°17	16°33	23°47	n.a.	W27
T 28	10 13 21	4°13'41	15°14	24°49	7° 5	23°16	24°29	15°23	24°29	6° 7	13°44	17°15	16°30	23°53	n.a.	T 28
F 29	10 17 17	5°10'50	29°32	26°20	8°17	23°52	24°43	15°27	24°32	6° 9	13°43	17°D15	16°27	24° 0	n.a.	F 29
S 30	10 21 14	6° 7'58	13♐44	27°48	9°28	24°28	24°57	15°31	24°34	6°10	13°41	17°15	16°24	24° 7	n.a.	S 30
S 31	10 25 11	7♓ 5'06	27♐49	29♓13	10♈39	25♈ 4	25♒11	15♉35	24♈37	6♉11	13♌40	17♌15	16♌21	24♉13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	18s40	12s44	5n17	21s56	1s29	10s17	0s15	3n57	1n 1	17s 5	1s21	16n 8	0s26	9n11	0s14	12n49	1s 3	33n18	17n15	16n 3	15n53	13n31		n.a.	
S 2	18 25	16 19	5 5	21 21	1 21	9 47	0 12	4 11	1 1	17 1	1 21	16 8	0 26	9 11	0 14	12 49	1 3	33 19	17 15	16 4	15 54	13 33		n.a.	
S 3	18 9	18 54	4 35	20 42	1 14	9 17	0 10	4 26	1 1	16 56	1 21	16 9	0 25	9 12	0 14	12 50	1 3	33 19	17 15	16 4	15 55	13 35		n.a.	
M 4	17 53	20 18	3 48	20 2	1 6	8 47	0 7	4 40	1 2	16 52	1 21	16 10	0 25	9 12	0 14	12 50	1 3	33 20	17 15	16 4	15 56	13 37		n.a.	
T 5	17 36	20 25	2 47	19 19	0 57	8 16	0 4	4 54	1 2	16 47	1 21	16 10	0 25	9 13	0 14	12 50	1 3	33 20	17 15	16 4	15 57	13 39		n.a.	
W 6	17 20	19 14	1 37	18 35	0 48	7 46	0 1	5 9	1 2	16 42	1 21	16 11	0 25	9 14	0 14	12 50	1 3	33 21	17 15	16 4	15 58	13 41		n.a.	
T 7	17 3	16 56	0 22	17 48	0 39	7 15	0n 1	5 23	1 3	16 38	1 21	16 12	0 25	9 14	0 14	12 51	1 3	33 21	17 15	16 4	15 59	13 42		n.a.	
F 8	16 45	13 44	0s53	17 0	0 29	6 44	0 4	5 37	1 3	16 33	1 21	16 13	0 25	9 15	0 14	12 51	1 3	33 22	17 15	16 4	16 0	13 44		n.a.	
S 9	16 28	9 54	2 3	16 9	0 19	6 13	0 7	5 52	1 3	16 29	1 21	16 13	0 25	9 16	0 14	12 51	1 3	33 22	17 15	16 4	16 1	13 46		n.a.	
S 10	16 10	5 42	3 5	15 18	0 8	5 41	0 10	6 6	1 4	16 24	1 21	16 14	0 24	9 17	0 14	12 51	1 3	33 23	17 15	16 4	16 2	13 48		n.a.	
M11	15 52	1 21	3 57	14 25	0n 2	5 10	0 13	6 20	1 4	16 19	1 21	16 15	0 24	9 17	0 14	12 52	1 3	33 23	17 15	16 4	16 3	13 50		n.a.	
T 12	15 34	2n57	4 36	13 31	0 13	4 38	0 16	6 35	1 4	16 15	1 21	16 16	0 24	9 18	0 14	12 52	1 2	33 24	17 15	16 4	16 4	13 51		n.a.	
W13	15 15	7 3	5 3	12 37	0 23	4 7	0 19	6 49	1 5	16 10	1 21	16 17	0 24	9 19	0 14	12 52	1 2	33 24	17 15	16 4	16 5	13 53		n.a.	
T 14	14 56	10 50	5 16	11 42	0 34	3 35	0 22	7 3	1 5	16 6	1 21	16 18	0 24	9 20	0 14	12 53	1 2	33 25	17 15	16 4	16 6	13 55		n.a.	
F 15	14 38	14 10	5 15	10 47	0 45	3 3	0 25	7 17	1 5	16 1	1 21	16 19	0 24	9 20	0 14	12 53	1 2	33 25	17 15	16 4	16 7	13 57		n.a.	
S 16	14 18	16 55	5 1	9 51	0 55	2 31	0 28	7 32	1 5	15 56	1 21	16 20	0 24	9 21	0 14	12 53	1 2	33 26	17 14	16 4	16 8	13 59		n.a.	
S 17	13 59	18 59	4 34	8 56	1 5	1 59	0 31	7 46	1 6	15 51	1 21	16 21	0 23	9 22	0 14	12 54	1 2	33 26	17 14	16 4	16 9	14 0		n.a.	
M18	13 39	20 13	3 54	8 2	1 15	1 28	0 34	8 0	1 6	15 47	1 21	16 22	0 23	9 23	0 14	12 54	1 2	33 27	17 14	16 4	16 10	14 2		n.a.	
T 19	13 20	20 30	3 3	7 8	1 24	0 56	0 37	8 14	1 6	15 42	1 21	16 23	0 23	9 24	0 14	12 54	1 2	33 27	17 14	16 4	16 11	14 4		n.a.	
W20	13 0	19 46	2 2	6 14	1 33	0 24	0 39	8 28	1 6	15 37	1 21	16 24	0 23	9 25	0 14	12 55	1 2	33 27	17 14	16 4	16 12	14 6		n.a.	
T 21	12 40	18 0	0 53	5 22	1 42	0n 8	0 42	8 43	1 7	15 33	1 21	16 25	0 23	9 26	0 14	12 55	1 2	33 28	17 14	16 3	16 13	14 8		n.a.	
F 22	12 19	15 13	0n20	4 31	1 49	0 40	0 45	8 57	1 7	15 28	1 21	16 26	0 23	9 27	0 14	12 55	1 2	33 28	17 14	16 3	16 14	14 9		n.a.	
S 23	11 59	11 34	1 33	3 41	1 57	1 12	0 48	9 11	1 7	15 23	1 21	16 27	0 23	9 28	0 14	12 56	1 2	33 28	17 13	16 4	16 15	14 11		n.a.	
S 24	11 38	7 14	2 43	2 53	2 4	1 44	0 51	9 25	1 7	15 18	1 21	16 28	0 23	9 28	0 14	12 56	1 2	33 29	17 13	16 4	16 16	14 13		n.a.	
M25	11 17	2 26	3 44	2 6	2 10	2 16	0 54	9 39	1 8	15 14	1 21	16 30	0 22	9 29	0 14	12 57	1 2	33 29	17 13	16 4	16 17	14 15		n.a.	
T 26	10 56	2s32	4 32	1 21	2 16	2 48	0 57	9 53	1 8	15 9	1 21	16 31	0 22	9 30	0 14	12 57	1 2	33 29	17 13	16 5	16 18	14 16		n.a.	
W27	10 35	7 24	5 3	0 37	2 20	3 19	1 0	10 7	1 8	15 4	1 21	16 32	0 22	9 31	0 14	12 58	1 2	33 30	17 13	16 5	16 19	14 18		n.a.	
T 28	10 14	11 51	5 15	0n 5	2 25	3 51	1 3	10 20	1 8	14 59	1 21	16 34	0 22	9 32	0 14	12 58	1 2	33 30	17 12	16 6	16 20	14 20		n.a.	
F 29	9 52	15 36	5 8	0 45	2 28	4 22	1 6	10 34	1 9	14 55	1 21	16 35	0 22	9 33	0 14	12 59	1 2	33 30	17 12	16 6	16 21	14 22		n.a.	
S 30	9 31	18 25	4 43	1 24	2 31	4 54	1 8	10 48	1 9	14 50	1 21	16 36	0 22	9 34	0 14	12 59	1 2	33 31	17 12	16 6	16 22	14 24		n.a.	
S 31	9s 9	20s 6	4n 0	2n 1	2n33	5n25	1n11	11n 2	1n 9	14s45	1s21	16n38	0s22	9n35	0s13	13n 0	1s 2	33n31	17n12	16n 6	16n23	14n25		n.a.	

Julian Day Number = 194372.5, Delta T = 32h22m01s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'36, Lahiri = -61°23'35 Julian Calendar 1 March 4181 BCE == Greg. Calendar 28 Jan. 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

APRIL 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 29 7	8♓ 2'14	11♉45	0♈35	11♈50	25♈40	25♒24	15♉40	24♈40	6♉13	13°R38	17♌17	16♌18	24♉20	n.a.	M 1
T 2	10 33 4	8°59'21	25°30	1°53	13° 1	26°15	25°38	15°44	24°43	6°14	13♌37	17°18	16°14	24°27	n.a.	T 2
W 3	10 37 0	9°56'27	9♒ 4	3° 9	14°12	26°52	25°52	15°48	24°46	6°15	13°35	17°19	16°11	24°34	n.a.	W 3
T 4	10 40 57	10°53'33	22°25	4°21	15°23	27°28	26° 6	15°53	24°48	6°17	13°34	17°R19	16° 8	24°40	n.a.	T 4
F 5	10 44 53	11°50'39	5♓34	5°30	16°33	28° 4	26°19	15°57	24°51	6°18	13°32	17°18	16° 5	24°47	n.a.	F 5
S 6	10 48 50	12°47'43	18°28	6°36	17°44	28°40	26°33	16° 2	24°54	6°20	13°31	17°16	16° 2	24°54	n.a.	S 6
S 7	10 52 47	13°44'47	1♈ 9	7°38	18°55	29°16	26°47	16° 7	24°57	6°21	13°30	17°12	15°58	25° 1	n.a.	S 7
M 8	10 56 43	14°41'51	13°36	8°37	20° 5	29°52	27° 0	16°11	25° 0	6°23	13°28	17° 8	15°55	25° 7	n.a.	M 8
T 9	11 0 40	15°38'54	25°51	9°32	21°16	0♉29	27°14	16°16	25° 3	6°24	13°27	17° 3	15°52	25°14	n.a.	T 9
W10	11 4 36	16°35'56	7♉55	10°24	22°26	1° 5	27°28	16°21	25° 6	6°26	13°25	16°59	15°49	25°21	n.a.	W10
T 11	11 8 33	17°32'57	19°52	11°12	23°36	1°41	27°41	16°26	25° 9	6°27	13°24	16°55	15°46	25°27	n.a.	T 11
F 12	11 12 29	18°29'58	1♊45	11°56	24°47	2°18	27°55	16°31	25°12	6°29	13°23	16°53	15°43	25°34	n.a.	F 12
S 13	11 16 26	19°26'59	13°38	12°36	25°57	2°54	28° 8	16°36	25°15	6°30	13°22	16°51	15°39	25°41	n.a.	S 13
S 14	11 20 22	20°23'58	25°36	13°12	27° 7	3°30	28°22	16°42	25°18	6°32	13°20	16°D51	15°36	25°48	n.a.	S 14
M15	11 24 19	21°20'58	7♋44	13°44	28°17	4° 7	28°35	16°47	25°22	6°34	13°19	16°52	15°33	25°54	n.a.	M15
T 16	11 28 16	22°17'56	20° 6	14°12	29°27	4°44	28°48	16°52	25°25	6°35	13°18	16°54	15°30	26° 1	n.a.	T 16
W17	11 32 12	23°14'55	2♌46	14°36	0♉37	5°20	29° 2	16°58	25°28	6°37	13°17	16°55	15°27	26° 8	n.a.	W17
T 18	11 36 9	24°11'52	15°48	14°55	1°47	5°57	29°15	17° 3	25°31	6°39	13°15	16°R56	15°23	26°15	n.a.	T 18
F 19	11 40 5	25° 8'50	29°14	15° 9	2°56	6°33	29°28	17° 9	25°34	6°41	13°14	16°55	15°20	26°21	n.a.	F 19
S 20	11 44 2	26° 5'47	13♍ 4	15°19	4° 6	7°10	29°41	17°14	25°38	6°42	13°13	16°53	15°17	26°28	n.a.	S 20
S 21	11 47 58	27° 2'44	27°16	15°24	5°16	7°47	29°54	17°20	25°41	6°44	13°12	16°49	15°14	26°35	n.a.	S 21
M22	11 51 55	27°59'41	11♎46	15°R25	6°25	8°23	0♓ 8	17°25	25°44	6°46	13°11	16°43	15°11	26°41	n.a.	M22
T 23	11 55 52	28°56'38	26°26	15°22	7°34	9° 0	0°21	17°31	25°48	6°48	13°10	16°37	15° 8	26°48	n.a.	T 23
W24	11 59 48	29°53'35	11♏10	15°13	8°44	9°37	0°34	17°37	25°51	6°50	13° 9	16°31	15° 4	26°55	n.a.	W24
T 25	12 3 45	0♈50'32	25°51	15° 1	9°53	10°14	0°47	17°43	25°54	6°52	13° 8	16°26	15° 1	27° 2	n.a.	T 25
F 26	12 7 41	1°47'30	10♐21	14°44	11° 2	10°51	1° 0	17°49	25°58	6°53	13° 7	16°22	14°58	27° 8	n.a.	F 26
S 27	12 11 38	2°44'28	24°38	14°23	12°11	11°28	1°12	17°55	26° 1	6°55	13° 6	16°21	14°55	27°15	n.a.	S 27
S 28	12 15 34	3°41'27	8♑38	13°59	13°20	12° 5	1°25	18° 1	26° 5	6°57	13° 5	16°D20	14°52	27°22	n.a.	S 28
M29	12 19 31	4°38'26	22°22	13°31	14°29	12°42	1°38	18° 7	26° 8	6°59	13° 4	16°21	14°49	27°28	n.a.	M29
T 30	12 23 28	5♈35'26	5♒49	13♈ 1	15♉37	13♉19	1♓51	18♉13	26♈12	7♉ 1	13♌ 3	16♌22	14♌45	27♉35	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s47	20s32	3n 4	2n35	2n35	5n56	1n14	11n16	1n 9	14s40	1s21	16n39	0s21	9n37	0s13	13n 0	1s 2	33n31	17n11	16n 5	16n24	14n27		n.a.
T 2	8 25	19 43	1 57	3 8	2 35	6 27	1 17	11 29	1 9	14 35	1 21	16 40	0 21	9 38	0 13	13 0	1 2	33 31	17 11	16 5	16 25	14 29		n.a.
W 3	8 3	17 46	0 45	3 39	2 35	6 58	1 19	11 43	1 10	14 31	1 21	16 42	0 21	9 39	0 13	13 1	1 2	33 31	17 11	16 5	16 26	14 31		n.a.
T 4	7 41	14 52	0s28	4 8	2 34	7 29	1 22	11 56	1 10	14 26	1 21	16 43	0 21	9 40	0 13	13 2	1 1	33 32	17 10	16 5	16 27	14 32		n.a.
F 5	7 19	11 15	1 39	4 34	2 33	7 59	1 25	12 10	1 10	14 21	1 21	16 45	0 21	9 41	0 13	13 2	1 1	33 32	17 10	16 5	16 28	14 34		n.a.
S 6	6 56	7 10	2 43	4 59	2 30	8 29	1 27	12 23	1 10	14 16	1 21	16 46	0 21	9 42	0 13	13 3	1 1	33 32	17 10	16 6	16 29	14 36		n.a.
S 7	6 34	2 50	3 38	5 21	2 27	8 59	1 30	12 37	1 10	14 12	1 21	16 48	0 21	9 43	0 13	13 3	1 1	33 32	17 9	16 7	16 30	14 38		n.a.
M 8	6 11	1n31	4 21	5 42	2 23	9 29	1 32	12 50	1 11	14 7	1 21	16 49	0 21	9 44	0 13	13 4	1 1	33 32	17 9	16 8	16 31	14 39		n.a.
T 9	5 49	5 45	4 52	6 0	2 18	9 59	1 35	13 4	1 11	14 2	1 21	16 51	0 21	9 45	0 13	13 4	1 1	33 32	17 9	16 10	16 32	14 41		n.a.
W10	5 26	9 41	5 9	6 15	2 13	10 28	1 37	13 17	1 11	13 57	1 21	16 52	0 20	9 47	0 13	13 5	1 1	33 33	17 8	16 11	16 33	14 43		n.a.
T 11	5 3	13 12	5 12	6 29	2 7	10 57	1 40	13 30	1 11	13 52	1 21	16 54	0 20	9 48	0 13	13 5	1 1	33 33	17 8	16 12	16 34	14 45		n.a.
F 12	4 40	16 10	5 2	6 40	1 59	11 26	1 42	13 43	1 11	13 48	1 21	16 55	0 20	9 49	0 13	13 6	1 1	33 33	17 8	16 13	16 35	14 46		n.a.
S 13	4 17	18 28	4 39	6 49	1 51	11 55	1 44	13 56	1 11	13 43	1 21	16 57	0 20	9 50	0 13	13 7	1 1	33 33	17 7	16 13	16 36	14 48		n.a.
S 14	3 54	19 58	4 4	6 56	1 43	12 23	1 47	14 9	1 12	13 38	1 21	16 59	0 20	9 51	0 13	13 7	1 1	33 33	17 7	16 13	16 37	14 50		n.a.
M15	3 31	20 36	3 18	7 0	1 33	12 51	1 49	14 22	1 12	13 33	1 21	17 0	0 20	9 52	0 13	13 8	1 1	33 33	17 7	16 13	16 37	14 52		n.a.
T 16	3 8	20 14	2 21	7 1	1 23	13 19	1 51	14 35	1 12	13 29	1 21	17 2	0 20	9 54	0 13	13 8	1 1	33 33	17 6	16 13	16 38	14 53		n.a.
W17	2 45	18 51	1 16	7 0	1 12	13 46	1 53	14 48	1 12	13 24	1 21	17 4	0 20	9 55	0 13	13 9	1 1	33 33	17 6	16 12	16 39	14 55		n.a.
T 18	2 22	16 27	0 6	6 57	1 0	14 13	1 55	15 0	1 12	13 19	1 21	17 5	0 19	9 56	0 13	13 10	1 1	33 33	17 5	16 12	16 40	14 57		n.a.
F 19	1 59	13 6	1n 6	6 51	0 47	14 40	1 57	15 13	1 12	13 14	1 21	17 7	0 19	9 57	0 13	13 10	1 1	33 33	17 5	16 12	16 41	14 59		n.a.
S 20	1 36	8 56	2 17	6 43	0 34	15 6	1 59	15 26	1 12	13 10	1 21	17 9	0 19	9 59	0 13	13 11	1 1	33 33	17 5	16 13	16 42	15 0		n.a.
S 21	1 12	4 11	3 21	6 33	0 20	15 32	2 1	15 38	1 13	13 5	1 21	17 11	0 19	10 0	0 13	13 11	1 1	33 33	17 4	16 14	16 43	15 2		n.a.
M22	0 49	0s54	4 14	6 20	0 6	15 57	2 2	15 50	1 13	13 0	1 21	17 12	0 19	10 1	0 13	13 12	1 1	33 33	17 4	16 16	16 44	15 4		n.a.
T 23	0 26	5 59	4 50	6 5	0s 9	16 22	2 4	16 3	1 13	12 56	1 21	17 14	0 19	10 2	0 13	13 13	1 1	33 33	17 3	16 18	16 45	15 6		n.a.
W24	0 3	10 44	5 7	5 47	0 24	16 47	2 6	16 15	1 13	12 51	1 22	17 16	0 19	10 4	0 13	13 13	1 1	33 32	17 3	16 20	16 46	15 7		n.a.
T 25	0n21	14 50	5 5	5 28	0 40	17 11	2 7	16 27	1 13	12 46	1 22	17 18	0 19	10 5	0 13	13 14	1 1	33 32	17 2	16 21	16 47	15 9		n.a.
F 26	0 44	17 58	4 42	5 7	0 56	17 35	2 9	16 39	1 13	12 42	1 22	17 20	0 19	10 6	0 13	13 15	1 1	33 32	17 2	16 22	16 48	15 11		n.a.
S 27	1 7	19 58	4 3	4 44	1 12	17 59	2 10	16 51	1 13	12 37	1 22	17 21	0 18	10 7	0 13	13 15	1 1	33 32	17 1	16 23	16 49	15 12		n.a.
S 28	1 30	20 41	3 9	4 19	1 28	18 21	2 11	17 3	1 13	12 32	1 22	17 23	0 18	10 9	0 13	13 16	1 1	33 32	17 1	16 23	16 50	15 14		n.a.
M29	1 54	20 8	2 6	3 54	1 44	18 44	2 12	17 15	1 14	12 28	1 22	17 25	0 18	10 10	0 13	13 17	1 1	33 32	17 0	16 23	16 51	15 16		n.a.
T 30	2n17	18s26	0n57	3n27	1s59	19n 6	2n13	17n27	1n14	12s23	1s22	17n27	0s18	10n11	0s13	13n17	1s 1	33n31	17n 0	16n22	16n52	15n18		n.a.

Julian Day Number = 194403.5, Delta T = 32h21m57s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'32, Lahiri = -61°23'31 Julian Calendar 1 Apr. 4181 BCE == Greg. Calendar 28 Feb. 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

MAY 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 27 24	6♈32'26	19♒ 2	12°R28	16♉46	13♉56	2♓ 3	18♉19	26♈15	7♉ 3	13°R 3	16°R23	14♌42	27♉42	n.a.	W 1
T 2	12 31 21	7°29'27	2♓ 2	11♈53	17°54	14°33	2°16	18°26	26°19	7° 5	13♌ 2	16♌21	14°39	27°49	n.a.	T 2
F 3	12 35 17	8°26'28	14°49	11°16	19° 3	15°10	2°28	18°32	26°22	7° 7	13° 1	16°18	14°36	27°55	n.a.	F 3
S 4	12 39 14	9°23'30	27°25	10°39	20°11	15°47	2°41	18°38	26°26	7° 9	13° 0	16°12	14°33	28° 2	n.a.	S 4
S 5	12 43 11	10°20'32	9♈51	10° 2	21°19	16°25	2°53	18°45	26°29	7°11	13° 0	16° 5	14°29	28° 9	n.a.	S 5
M 6	12 47 7	11°17'35	22° 7	9°25	22°27	17° 2	3° 6	18°51	26°33	7°13	12°59	15°55	14°26	28°15	n.a.	M 6
T 7	12 51 4	12°14'38	4♉15	8°49	23°35	17°39	3°18	18°58	26°36	7°15	12°58	15°45	14°23	28°22	n.a.	T 7
W 8	12 55 0	13°11'41	16°14	8°15	24°43	18°17	3°30	19° 4	26°40	7°17	12°58	15°34	14°20	28°29	n.a.	W 8
T 9	12 58 57	14° 8'45	28° 9	7°44	25°51	18°54	3°42	19°11	26°43	7°19	12°57	15°25	14°17	28°36	n.a.	T 9
F 10	13 2 53	15° 5'49	10♊ 0	7°15	26°59	19°32	3°55	19°17	26°47	7°21	12°57	15°18	14°14	28°42	n.a.	F 10
S 11	13 6 50	16° 2'54	21°51	6°50	28° 6	20° 9	4° 7	19°24	26°51	7°24	12°56	15°13	14°10	28°49	n.a.	S 11
S 12	13 10 47	16°59'59	3♋47	6°29	29°13	20°47	4°18	19°31	26°54	7°26	12°56	15°10	14° 7	28°56	n.a.	S 12
M13	13 14 43	17°57'05	15°52	6°12	0♊21	21°24	4°30	19°38	26°58	7°28	12°55	15°D 9	14° 4	29° 3	n.a.	M13
T 14	13 18 40	18°54'11	28°11	6° 0	1°28	22° 2	4°42	19°44	27° 2	7°30	12°55	15° 9	14° 1	29° 9	n.a.	T 14
W15	13 22 36	19°51'18	10♌49	5°53	2°35	22°39	4°54	19°51	27° 5	7°32	12°54	15°R10	13°58	29°16	n.a.	W15
T 16	13 26 33	20°48'25	23°51	5°D51	3°41	23°17	5° 6	19°58	27° 9	7°34	12°54	15° 9	13°54	29°23	n.a.	T 16
F 17	13 30 29	21°45'32	7♍19	5°55	4°48	23°55	5°17	20° 5	27°12	7°36	12°54	15° 7	13°51	29°29	n.a.	F 17
S 18	13 34 26	22°42'41	21°17	6° 4	5°55	24°33	5°29	20°12	27°16	7°38	12°53	15° 3	13°48	29°36	n.a.	S 18
S 19	13 38 23	23°39'50	5♎41	6°19	7° 1	25°10	5°40	20°19	27°20	7°41	12°53	14°57	13°45	29°43	n.a.	S 19
M20	13 42 19	24°36'59	20°28	6°39	8° 7	25°48	5°51	20°26	27°23	7°43	12°53	14°48	13°42	29°50	n.a.	M20
T 21	13 46 16	25°34'10	5♏30	7° 5	9°13	26°26	6° 3	20°33	27°27	7°45	12°53	14°38	13°39	29°56	n.a.	T 21
W22	13 50 12	26°31'22	20°37	7°38	10°19	27° 4	6°14	20°40	27°31	7°47	12°53	14°28	13°35	0♊ 3	n.a.	W22
T 23	13 54 9	27°28'35	5♐39	8°15	11°25	27°42	6°25	20°47	27°34	7°49	12°52	14°20	13°32	0°10	n.a.	T 23
F 24	13 58 5	28°25'49	20°28	8°59	12°30	28°20	6°36	20°54	27°38	7°52	12°52	14°13	13°29	0°16	n.a.	F 24
S 25	14 2 2	29°23'05	4♑57	9°48	13°36	28°58	6°47	21° 1	27°42	7°54	12°52	14° 9	13°26	0°23	n.a.	S 25
S 26	14 5 59	0♉20'22	19° 2	10°43	14°41	29°36	6°58	21° 8	27°45	7°56	12°D52	14° 7	13°23	0°30	n.a.	S 26
M27	14 9 55	1°17'41	2♒44	11°44	15°46	0♊14	7° 8	21°16	27°49	7°58	12°52	14°D 6	13°20	0°37	n.a.	M27
T 28	14 13 52	2°15'01	16° 4	12°49	16°50	0°52	7°19	21°23	27°53	8° 0	12°52	14°R 7	13°16	0°43	n.a.	T 28
W29	14 17 48	3°12'22	29° 5	14° 1	17°55	1°30	7°29	21°30	27°56	8° 3	12°52	14° 6	13°13	0°50	n.a.	W29
T 30	14 21 45	4° 9'45	11♓50	15°17	18°59	2° 9	7°40	21°37	28° 0	8° 5	12°53	14° 3	13°10	0°57	n.a.	T 30
F 31	14 25 41	5♉ 7'10	24♓22	16♈38	20♊ 4	2♊47	7♓50	21♉45	28♈ 4	8♉ 7	12♌53	13♌58	13♌ 7	1♊ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	2n40	15s46	0s14	3n 0	2s15	19n27	2n14	17n38	1n14	12s19	1s22	17n29	0s18	10n13	0s13	13n18	1s 1	33n31	16n59	16n22	16n53	15n19			n.a.
T 2	3 3	12 20	1 23	2 33	2 29	19 48	2 15	17 50	1 14	12 14	1 22	17 31	0 18	10 14	0 13	13 19	1 0	33 31	16 59	16 23	16 54	15 21			n.a.
F 3	3 26	8 23	2 27	2 6	2 43	20 9	2 16	18 1	1 14	12 9	1 22	17 33	0 18	10 15	0 13	13 19	1 0	33 31	16 58	16 24	16 55	15 23			n.a.
S 4	3 49	4 7	3 22	1 39	2 56	20 29	2 17	18 12	1 14	12 5	1 22	17 34	0 18	10 17	0 13	13 20	1 0	33 31	16 58	16 25	16 56	15 24			n.a.
S 5	4 12	0n15	4 7	1 13	3 8	20 48	2 18	18 23	1 14	12 0	1 22	17 36	0 18	10 18	0 13	13 21	1 0	33 30	16 57	16 28	16 57	15 26			n.a.
M 6	4 35	4 33	4 39	0 48	3 19	21 7	2 18	18 35	1 14	11 56	1 22	17 38	0 17	10 19	0 13	13 22	1 0	33 30	16 57	16 31	16 58	15 28			n.a.
T 7	4 58	8 37	4 58	0 25	3 28	21 26	2 19	18 46	1 14	11 51	1 23	17 40	0 17	10 21	0 13	13 22	1 0	33 30	16 56	16 34	16 59	15 29			n.a.
W 8	5 21	12 19	5 4	0 4	3 36	21 43	2 19	18 56	1 14	11 47	1 23	17 42	0 17	10 22	0 13	13 23	1 0	33 29	16 56	16 37	17 0	15 31			n.a.
T 9	5 44	15 29	4 57	0s15	3 43	22 1	2 19	19 7	1 14	11 42	1 23	17 44	0 17	10 23	0 13	13 24	1 0	33 29	16 55	16 40	17 0	15 33			n.a.
F 10	6 6	18 1	4 37	0 32	3 49	22 17	2 19	19 18	1 14	11 38	1 23	17 46	0 17	10 25	0 13	13 24	1 0	33 29	16 55	16 42	17 1	15 35			n.a.
S 11	6 29	19 47	4 5	0 46	3 53	22 33	2 19	19 28	1 14	11 34	1 23	17 48	0 17	10 26	0 13	13 25	1 0	33 28	16 54	16 44	17 2	15 36			n.a.
S 12	6 52	20 41	3 22	0 57	3 55	22 49	2 19	19 39	1 15	11 29	1 23	17 50	0 17	10 27	0 13	13 26	1 0	33 28	16 54	16 45	17 3	15 38			n.a.
M13	7 14	20 40	2 30	1 4	3 57	23 3	2 19	19 49	1 15	11 25	1 23	17 52	0 17	10 29	0 13	13 27	1 0	33 28	16 53	16 45	17 4	15 40			n.a.
T 14	7 36	19 39	1 29	1 9	3 56	23 18	2 19	19 59	1 15	11 20	1 23	17 54	0 17	10 30	0 13	13 27	1 0	33 27	16 52	16 45	17 5	15 41			n.a.
W15	7 59	17 38	0 23	1 11	3 55	23 31	2 18	20 9	1 15	11 16	1 23	17 56	0 17	10 31	0 13	13 28	1 0	33 27	16 52	16 45	17 6	15 43			n.a.
T 16	8 21	14 40	0n46	1 9	3 52	23 44	2 18	20 19	1 15	11 12	1 24	17 58	0 16	10 33	0 13	13 29	1 0	33 26	16 51	16 45	17 7	15 45			n.a.
F 17	8 43	10 50	1 55	1 4	3 48	23 56	2 17	20 29	1 15	11 8	1 24	18 0	0 16	10 34	0 13	13 30	1 0	33 26	16 51	16 45	17 8	15 46			n.a.
S 18	9 4	6 17	3 0	0 55	3 43	24 8	2 16	20 39	1 15	11 3	1 24	18 2	0 16	10 35	0 13	13 30	1 0	33 26	16 50	16 46	17 9	15 48			n.a.
S 19	9 26	1 15	3 55	0 44	3 37	24 19	2 16	20 48	1 15	10 59	1 24	18 4	0 16	10 37	0 13	13 31	1 0	33 25	16 50	16 48	17 10	15 50			n.a.
M20	9 48	3s59	4 36	0 29	3 29	24 29	2 15	20 58	1 15	10 55	1 24	18 6	0 16	10 38	0 13	13 32	1 0	33 25	16 49	16 51	17 11	15 51			n.a.
T 21	10 9	9 3	4 58	0 10	3 21	24 39	2 13	21 7	1 15	10 51	1 24	18 8	0 16	10 40	0 13	13 32	1 0	33 24	16 48	16 54	17 12	15 53			n.a.
W22	10 31	13 35	5 0	0n11	3 12	24 48	2 12	21 16	1 15	10 47	1 24	18 10	0 16	10 41	0 13	13 33	1 0	33 24	16 48	16 57	17 13	15 55			n.a.
T 23	10 52	17 14	4 42	0 35	3 2	24 57	2 11	21 25	1 15	10 43	1 24	18 12	0 16	10 42	0 13	13 34	1 0	33 23	16 47	17 0	17 14	15 56			n.a.
F 24	11 13	19 42	4 4	1 2	2 52	25 4	2 9	21 34	1 15	10 39	1 25	18 14	0 16	10 44	0 13	13 35	1 0	33 23	16 47	17 2	17 15	15 58			n.a.
S 25	11 34	20 50	3 12	1 32	2 41	25 11	2 8	21 43	1 15	10 35	1 25	18 16	0 16	10 45	0 13	13 35	1 0	33 22	16 46	17 3	17 16	16 0			n.a.
S 26	11 54	20 36	2 9	2 5	2 29	25 17	2 6	21 51	1 15	10 31	1 25	18 18	0 15	10 46	0 13	13 36	1 0	33 22	16 46	17 3	17 16	16 1			n.a.
M27	12 15	19 8	1 0	2 40	2 17	25 23	2 4	21 59	1 15	10 27	1 25	18 20	0 15	10 48	0 13	13 37	1 0	33 21	16 45	17 4	17 17	16 3			n.a.
T 28	12 35	16 38	0s10	3 18	2 5	25 28	2 2	22 8	1 15	10 23	1 25	18 22	0 15	10 49	0 13	13 38	1 0	33 20	16 44	17 4	17 18	16 5			n.a.
W29	12 56	13 20	1 18	3 58	1 52	25 32	2 0	22 16	1 15	10 19	1 25	18 24	0 15	10 50	0 13	13 38	1 0	33 20	16 44	17 4	17 19	16 6			n.a.
T 30	13 16	9 29	2 21	4 40	1 39	25 36	1 58	22 24	1 15	10 15	1 26	18 26	0 15	10 52	0 13	13 39	1 0	33 19	16 43	17 4	17 20	16 8			n.a.
F 31	13n36	5s17	3s16	5n24	1s26	25n39	1n55	22n32	1n15	10s11	1s26	18n28	0s15	10n53	0s13	13n40	1s 0	33n19	16n43	17n 6	17n21	16n10			n.a.

Julian Day Number = 194433.5, Delta T = 32h21m54s
Ecliptic obliquity = 24°06'50, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'28, Lahiri = -61°23'27 Julian Calendar 1 May 4181 BCE == Greg. Calendar 29 March 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

JUNE 4181 BCE (-4180) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 29 38	6♉ 4'35	6♈43	18♈ 4	21♊ 8	3♊25	8♓ 0	21♉52	28♈ 7	8♉ 9	12♌53	13°R50	13♌ 4	1♊10	n.a.	S 1
S 2	14 33 35	7° 2'03	18°56	19°35	22°11	4° 4	8°11	21°59	28°11	8°12	12°53	13♌40	13° 0	1°17	n.a.	S 2
M 3	14 37 31	7°59'32	1♉ 1	21°10	23°15	4°42	8°21	22° 7	28°15	8°14	12°53	13°27	12°57	1°24	n.a.	M 3
T 4	14 41 28	8°57'02	13° 1	22°49	24°18	5°21	8°31	22°14	28°18	8°16	12°54	13°13	12°54	1°30	n.a.	T 4
W 5	14 45 24	9°54'34	24°56	24°32	25°21	5°59	8°40	22°21	28°22	8°18	12°54	12°59	12°51	1°37	n.a.	W 5
T 6	14 49 21	10°52'07	6♊47	26°18	26°24	6°38	8°50	22°29	28°25	8°21	12°54	12°46	12°48	1°44	n.a.	T 6
F 7	14 53 17	11°49'41	18°37	28° 8	27°27	7°16	9° 0	22°36	28°29	8°23	12°55	12°36	12°45	1°50	n.a.	F 7
S 8	14 57 14	12°47'17	0♋28	0♉ 0	28°29	7°55	9° 9	22°44	28°33	8°25	12°55	12°28	12°41	1°57	n.a.	S 8
S 9	15 1 11	13°44'54	12°24	1°55	29°31	8°33	9°18	22°51	28°36	8°27	12°56	12°23	12°38	2° 4	n.a.	S 9
M10	15 5 7	14°42'33	24°27	3°52	0♋33	9°12	9°28	22°59	28°40	8°29	12°56	12°21	12°35	2°11	n.a.	M10
T 11	15 9 4	15°40'13	6♌44	5°50	1°34	9°51	9°37	23° 6	28°43	8°32	12°57	12°20	12°32	2°17	n.a.	T 11
W12	15 13 0	16°37'54	19°19	7°50	2°35	10°30	9°46	23°14	28°47	8°34	12°57	12°20	12°29	2°24	n.a.	W12
T 13	15 16 57	17°35'37	2♍16	9°51	3°36	11° 8	9°55	23°21	28°50	8°36	12°58	12°19	12°25	2°31	n.a.	T 13
F 14	15 20 53	18°33'21	15°40	11°52	4°37	11°47	10° 3	23°29	28°54	8°38	12°58	12°17	12°22	2°38	n.a.	F 14
S 15	15 24 50	19°31'06	29°34	13°54	5°37	12°26	10°12	23°36	28°57	8°40	12°59	12°13	12°19	2°44	n.a.	S 15
S 16	15 28 47	20°28'53	13♎58	15°55	6°37	13° 5	10°21	23°44	29° 1	8°43	13° 0	12° 6	12°16	2°51	n.a.	S 16
M17	15 32 43	21°26'41	28°48	17°57	7°36	13°44	10°29	23°51	29° 4	8°45	13° 0	11°57	12°13	2°58	n.a.	M17
T 18	15 36 40	22°24'31	13♏57	19°58	8°36	14°23	10°37	23°59	29° 8	8°47	13° 1	11°47	12°10	3° 4	n.a.	T 18
W19	15 40 36	23°22'23	29°16	21°58	9°34	15° 2	10°45	24° 6	29°11	8°49	13° 2	11°36	12° 6	3°11	n.a.	W19
T 20	15 44 33	24°20'17	14♐33	23°58	10°33	15°41	10°53	24°14	29°15	8°51	13° 3	11°27	12° 3	3°18	n.a.	T 20
F 21	15 48 29	25°18'13	29°37	25°57	11°31	16°21	11° 1	24°21	29°18	8°54	13° 4	11°19	12° 0	3°25	n.a.	F 21
S 22	15 52 26	26°16'10	14♑20	27°55	12°28	17° 0	11° 9	24°29	29°21	8°56	13° 5	11°15	11°57	3°31	n.a.	S 22
S 23	15 56 22	27°14'10	28°36	29°52	13°25	17°39	11°17	24°36	29°25	8°58	13° 6	11°12	11°54	3°38	n.a.	S 23
M24	16 0 19	28°12'12	12♒25	1♊48	14°22	18°18	11°24	24°44	29°28	9° 0	13° 7	11°D12	11°51	3°45	n.a.	M24
T 25	16 4 16	29°10'17	25°48	3°42	15°18	18°58	11°31	24°51	29°31	9° 2	13° 8	11°R12	11°47	3°51	n.a.	T 25
W26	16 8 12	0♊ 8'23	8♓47	5°36	16°14	19°37	11°38	24°59	29°35	9° 4	13° 9	11°12	11°44	3°58	n.a.	W26
T 27	16 12 9	1° 6'32	21°26	7°28	17° 9	20°17	11°45	25° 6	29°38	9° 6	13°10	11°10	11°41	4° 5	n.a.	T 27
F 28	16 16 5	2° 4'42	3♈50	9°19	18° 4	20°56	11°52	25°14	29°41	9° 8	13°11	11° 6	11°38	4°12	n.a.	F 28
S 29	16 20 2	3° 2'55	16° 2	11° 9	18°58	21°36	11°59	25°21	29°44	9°11	13°12	10°59	11°35	4°18	n.a.	S 29
S 30	16 23 58	4♊ 1'11	28♈ 6	12♊58	19♋52	22♊15	12♓ 6	25♉28	29♈48	9♉13	13♌13	10♌50	11♌31	4♊25	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n55	0s55	4s 0	6n 9	1s13	25n41	1n53	22n39	1n15	10s 7	1s26	18n30	0s15	10n54	0s13	13n41	1s 0	33n18	16n42	17n 8	17n22	16n11		n.a.
S 2	14 15	3n26	4 33	6 57	1 0	25 43	1 50	22 47	1 15	10 4	1 26	18 32	0 15	10 56	0 13	13 41	1 0	33 17	16 41	17 12	17 23	16 13		n.a.
M 3	14 34	7 36	4 53	7 46	0 47	25 43	1 47	22 54	1 15	10 0	1 26	18 34	0 15	10 57	0 13	13 42	1 0	33 17	16 41	17 15	17 24	16 15		n.a.
T 4	14 53	11 26	5 0	8 35	0 34	25 44	1 44	23 1	1 15	9 56	1 26	18 36	0 15	10 58	0 13	13 43	1 0	33 16	16 40	17 19	17 25	16 16		n.a.
W 5	15 12	14 48	4 53	9 26	0 22	25 43	1 41	23 8	1 15	9 53	1 26	18 38	0 15	11 0	0 13	13 44	1 0	33 15	16 40	17 23	17 26	16 18		n.a.
T 6	15 30	17 33	4 34	10 17	0 9	25 42	1 38	23 15	1 15	9 49	1 27	18 41	0 14	11 1	0 13	13 44	1 0	33 15	16 39	17 27	17 27	16 19		n.a.
F 7	15 49	19 34	4 3	11 9	0n 3	25 40	1 35	23 22	1 15	9 45	1 27	18 43	0 14	11 2	0 13	13 45	1 0	33 14	16 38	17 30	17 28	16 21		n.a.
S 8	16 7	20 45	3 22	12 0	0 14	25 38	1 31	23 28	1 15	9 42	1 27	18 45	0 14	11 4	0 13	13 46	1 0	33 13	16 38	17 32	17 29	16 23		n.a.
S 9	16 24	21 1	2 31	12 52	0 25	25 34	1 28	23 35	1 15	9 38	1 27	18 47	0 14	11 5	0 13	13 47	1 0	33 13	16 37	17 34	17 29	16 24		n.a.
M10	16 42	20 18	1 33	13 43	0 35	25 31	1 24	23 41	1 15	9 35	1 27	18 49	0 14	11 6	0 13	13 47	1 0	33 12	16 37	17 35	17 30	16 26		n.a.
T 11	16 59	18 38	0 30	14 33	0 45	25 26	1 20	23 47	1 15	9 32	1 28	18 51	0 14	11 8	0 13	13 48	1 0	33 11	16 36	17 35	17 31	16 28		n.a.
W12	17 17	16 2	0n37	15 22	0 54	25 21	1 16	23 53	1 15	9 28	1 28	18 53	0 14	11 9	0 13	13 49	1 0	33 10	16 35	17 35	17 32	16 29		n.a.
T 13	17 33	12 34	1 43	16 10	1 3	25 15	1 11	23 58	1 15	9 25	1 28	18 55	0 14	11 10	0 13	13 50	1 0	33 10	16 35	17 35	17 33	16 31		n.a.
F 14	17 50	8 21	2 47	16 56	1 10	25 9	1 7	24 4	1 14	9 22	1 28	18 57	0 14	11 12	0 13	13 50	1 0	33 9	16 34	17 35	17 34	16 32		n.a.
S 15	18 6	3 33	3 42	17 41	1 17	25 2	1 3	24 9	1 14	9 19	1 28	18 59	0 14	11 13	0 13	13 51	1 0	33 8	16 34	17 37	17 35	16 34		n.a.
S 16	18 22	1s35	4 26	18 24	1 24	24 54	0 58	24 14	1 14	9 15	1 28	19 1	0 14	11 14	0 13	13 52	1 0	33 7	16 33	17 39	17 36	16 36		n.a.
M17	18 38	6 48	4 53	19 5	1 29	24 46	0 53	24 19	1 14	9 12	1 29	19 3	0 13	11 15	0 12	13 53	1 0	33 7	16 32	17 41	17 37	16 37		n.a.
T 18	18 53	11 42	5 1	19 44	1 34	24 37	0 48	24 24	1 14	9 9	1 29	19 5	0 13	11 17	0 12	13 53	1 0	33 6	16 32	17 44	17 38	16 39		n.a.
W19	19 8	15 54	4 47	20 21	1 38	24 28	0 43	24 28	1 14	9 6	1 29	19 7	0 13	11 18	0 12	13 54	1 0	33 5	16 31	17 47	17 39	16 40		n.a.
T 20	19 23	19 0	4 13	20 56	1 42	24 18	0 38	24 33	1 14	9 3	1 29	19 9	0 13	11 19	0 12	13 55	1 0	33 4	16 31	17 50	17 40	16 42		n.a.
F 21	19 37	20 46	3 21	21 29	1 45	24 8	0 32	24 37	1 14	9 0	1 29	19 11	0 13	11 20	0 12	13 55	1 0	33 3	16 30	17 52	17 40	16 44		n.a.
S 22	19 52	21 3	2 17	21 59	1 47	23 57	0 26	24 41	1 14	8 58	1 30	19 13	0 13	11 22	0 12	13 56	1 0	33 3	16 30	17 53	17 41	16 45		n.a.
S 23	20 5	19 56	1 6	22 27	1 48	23 45	0 21	24 45	1 14	8 55	1 30	19 15	0 13	11 23	0 12	13 57	1 0	33 2	16 29	17 54	17 42	16 47		n.a.
M24	20 19	17 39	0s 6	22 53	1 49	23 33	0 15	24 48	1 14	8 52	1 30	19 17	0 13	11 24	0 12	13 58	1 0	33 1	16 28	17 54	17 43	16 48		n.a.
T 25	20 32	14 29	1 17	23 17	1 50	23 21	0 9	24 52	1 14	8 49	1 30	19 19	0 13	11 25	0 12	13 58	1 0	33 0	16 28	17 54	17 44	16 50		n.a.
W26	20 45	10 40	2 21	23 38	1 50	23 8	0 2	24 55	1 14	8 47	1 30	19 20	0 13	11 26	0 12	13 59	1 0	32 59	16 27	17 54	17 45	16 52		n.a.
T 27	20 57	6 29	3 17	23 58	1 49	22 55	0s 4	24 58	1 13	8 44	1 31	19 22	0 13	11 28	0 12	14 0	1 0	32 58	16 27	17 55	17 46	16 53		n.a.
F 28	21 9	2 7	4 2	24 15	1 48	22 41	0 11	25 1	1 13	8 42	1 31	19 24	0 13	11 29	0 12	14 0	1 0	32 57	16 26	17 56	17 47	16 55		n.a.
S 29	21 21	2n16	4 35	24 30	1 46	22 26	0 17	25 3	1 13	8 39	1 31	19 26	0 12	11 30	0 12	14 1	1 0	32 57	16 26	17 58	17 48	16 56		n.a.
S 30	21n33	6n31	4s55	24n43	1n44	22n12	0s24	25n 6	1n13	8s37	1s31	19n28	0s12	11n31	0s12	14n 2	1s 0	32n56	16n25	18n 0	17n49	16n58		n.a.

Julian Day Number = 194464.5, Delta T = 32h21m51s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'24, Lahiri = -61°23'23 Julian Calendar 1 June 4181 BCE == Greg. Calendar 29 Apr. 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

JULY 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 27 55	4♊59'28	10♉ 4	14♊45	20♋45	22♊55	12♓12	25♉36	29♈51	9♉15	13♌14	10°R39	11♌28	4♊32	n.a.	M 1
T 2	16 31 51	5°57'48	21°58	16°31	21°37	23°34	12°18	25°43	29°54	9°17	13°15	10♌27	11°25	4°38	n.a.	T 2
W 3	16 35 48	6°56'10	3♊49	18°16	22°29	24°14	12°24	25°51	29°57	9°19	13°17	10°14	11°22	4°45	n.a.	W 3
T 4	16 39 45	7°54'34	15°40	20° 0	23°21	24°54	12°30	25°58	0♉ 0	9°21	13°18	10° 3	11°19	4°52	n.a.	T 4
F 5	16 43 41	8°53'00	27°32	21°42	24°11	25°34	12°36	26° 6	0° 3	9°23	13°19	9°54	11°16	4°59	n.a.	F 5
S 6	16 47 38	9°51'28	9♋27	23°24	25° 1	26°14	12°42	26°13	0° 6	9°25	13°21	9°47	11°12	5° 5	n.a.	S 6
S 7	16 51 34	10°49'58	21°27	25° 4	25°50	26°54	12°47	26°20	0° 9	9°27	13°22	9°43	11° 9	5°12	n.a.	S 7
M 8	16 55 31	11°48'30	3♌35	26°43	26°39	27°33	12°52	26°28	0°12	9°29	13°23	9°41	11° 6	5°19	n.a.	M 8
T 9	16 59 27	12°47'04	15°54	28°21	27°27	28°13	12°57	26°35	0°15	9°31	13°25	9°D41	11° 3	5°25	n.a.	T 9
W10	17 3 24	13°45'40	28°29	29°58	28°14	28°54	13° 2	26°42	0°18	9°33	13°26	9°42	11° 0	5°32	n.a.	W10
T 11	17 7 20	14°44'18	11♍23	1♋34	29° 0	29°34	13° 7	26°50	0°21	9°34	13°28	9°R43	10°57	5°39	n.a.	T 11
F 12	17 11 17	15°42'58	24°42	3° 9	29°45	0♋14	13°12	26°57	0°24	9°36	13°29	9°42	10°53	5°46	n.a.	F 12
S 13	17 15 13	16°41'39	8♎27	4°42	0♌29	0°54	13°16	27° 4	0°26	9°38	13°31	9°40	10°50	5°52	n.a.	S 13
S 14	17 19 10	17°40'23	22°40	6°15	1°13	1°34	13°20	27°11	0°29	9°40	13°32	9°36	10°47	5°59	n.a.	S 14
M15	17 23 6	18°39'08	7♏19	7°46	1°55	2°14	13°24	27°18	0°32	9°42	13°34	9°30	10°44	6° 6	n.a.	M15
T 16	17 27 3	19°37'56	22°20	9°16	2°36	2°55	13°28	27°26	0°35	9°44	13°36	9°23	10°41	6°12	n.a.	T 16
W17	17 31 0	20°36'46	7♐33	10°45	3°17	3°35	13°32	27°33	0°37	9°46	13°37	9°15	10°37	6°19	n.a.	W17
T 18	17 34 56	21°35'38	22°49	12°14	3°56	4°16	13°35	27°40	0°40	9°47	13°39	9° 8	10°34	6°26	n.a.	T 18
F 19	17 38 53	22°34'32	7♑57	13°41	4°34	4°56	13°39	27°47	0°43	9°49	13°41	9° 3	10°31	6°32	n.a.	F 19
S 20	17 42 49	23°33'29	22°48	15° 6	5°11	5°36	13°42	27°54	0°45	9°51	13°42	9° 0	10°28	6°39	n.a.	S 20
S 21	17 46 46	24°32'28	7♒14	16°31	5°46	6°17	13°45	28° 1	0°48	9°52	13°44	8°D59	10°25	6°46	n.a.	S 21
M22	17 50 42	25°31'29	21°13	17°55	6°20	6°58	13°48	28° 8	0°50	9°54	13°46	9° 0	10°22	6°53	n.a.	M22
T 23	17 54 39	26°30'33	4♓43	19°17	6°53	7°38	13°50	28°15	0°53	9°56	13°48	9° 1	10°18	6°59	n.a.	T 23
W24	17 58 35	27°29'39	17°47	20°38	7°25	8°19	13°53	28°22	0°55	9°58	13°50	9° 2	10°15	7° 6	n.a.	W24
T 25	18 2 32	28°28'48	0♈29	21°58	7°55	9° 0	13°55	28°28	0°57	9°59	13°52	9°R 3	10°12	7°13	n.a.	T 25
F 26	18 6 28	29°28'00	12°52	23°16	8°24	9°41	13°57	28°35	1° 0	10° 1	13°53	9° 2	10° 9	7°19	n.a.	F 26
S 27	18 10 25	0♋27'14	25° 2	24°33	8°51	10°21	13°59	28°42	1° 2	10° 2	13°55	8°59	10° 6	7°26	n.a.	S 27
S 28	18 14 21	1°26'31	7♉ 2	25°49	9°16	11° 2	14° 0	28°49	1° 4	10° 4	13°57	8°54	10° 3	7°33	n.a.	S 28
M29	18 18 18	2°25'50	18°55	27° 3	9°40	11°43	14° 2	28°56	1° 6	10° 5	13°59	8°49	9°59	7°40	n.a.	M29
T 30	18 22 15	3°25'12	0♊47	28°15	10° 2	12°24	14° 3	29° 2	1° 9	10° 7	14° 1	8°42	9°56	7°46	n.a.	T 30
W31	18 26 11	4♋24'36	12♊38	29♋26	10♌23	13♋ 5	14♓ 4	29♉ 9	1♉11	10♉ 8	14♌ 3	8♌35	9♌53	7♊53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n44	10n28	5s 2	24n54	1n41	21n57	0s31	25n 8	1n13	8s35	1s32	19n30	0s12	11n32	0s12	14n 2	1s 0	32n55	16n25	18n 3	17n50	16n59			n.a.
T 2	21 54	14 0	4 57	25 3	1 39	21 41	0 39	25 10	1 13	8 32	1 32	19 32	0 12	11 33	0 12	14 3	1 0	32 54	16 24	18 7	17 50	17 1			n.a.
W 3	22 5	16 58	4 38	25 10	1 35	21 25	0 46	25 12	1 13	8 30	1 32	19 34	0 12	11 35	0 12	14 4	1 0	32 53	16 23	18 10	17 51	17 3			n.a.
T 4	22 14	19 14	4 7	25 15	1 32	21 9	0 54	25 13	1 13	8 28	1 32	19 36	0 12	11 36	0 12	14 4	1 0	32 52	16 23	18 13	17 52	17 4			n.a.
F 5	22 24	20 40	3 25	25 18	1 27	20 53	1 1	25 15	1 13	8 26	1 32	19 38	0 12	11 37	0 12	14 5	1 0	32 51	16 22	18 16	17 53	17 6			n.a.
S 6	22 33	21 12	2 34	25 20	1 23	20 36	1 9	25 16	1 12	8 24	1 33	19 39	0 12	11 38	0 12	14 6	1 0	32 50	16 22	18 18	17 54	17 7			n.a.
S 7	22 42	20 46	1 36	25 19	1 18	20 19	1 17	25 17	1 12	8 22	1 33	19 41	0 12	11 39	0 12	14 6	1 0	32 49	16 21	18 19	17 55	17 9			n.a.
M 8	22 50	19 22	0 33	25 18	1 13	20 1	1 25	25 18	1 12	8 20	1 33	19 43	0 12	11 40	0 12	14 7	1 0	32 48	16 21	18 20	17 56	17 10			n.a.
T 9	22 58	17 3	0n33	25 14	1 8	19 44	1 34	25 18	1 12	8 18	1 33	19 45	0 12	11 41	0 12	14 7	1 0	32 47	16 20	18 20	17 57	17 12			n.a.
W10	23 5	13 53	1 39	25 9	1 3	19 26	1 42	25 18	1 12	8 17	1 34	19 47	0 12	11 42	0 12	14 8	1 0	32 46	16 20	18 19	17 58	17 13			n.a.
T 11	23 13	9 58	2 42	25 3	0 57	19 8	1 51	25 18	1 12	8 15	1 34	19 49	0 11	11 43	0 12	14 9	1 0	32 45	16 19	18 19	17 59	17 15			n.a.
F 12	23 19	5 29	3 38	24 55	0 51	18 49	2 0	25 18	1 12	8 13	1 34	19 50	0 11	11 44	0 12	14 9	1 0	32 45	16 19	18 19	17 59	17 17			n.a.
S 13	23 25	0 34	4 23	24 46	0 44	18 31	2 9	25 18	1 11	8 12	1 34	19 52	0 11	11 45	0 12	14 10	1 0	32 44	16 18	18 20	18 0	17 18			n.a.
S 14	23 31	4s32	4 54	24 36	0 38	18 13	2 18	25 17	1 11	8 11	1 35	19 54	0 11	11 46	0 12	14 11	1 0	32 43	16 18	18 21	18 1	17 20			n.a.
M15	23 37	9 31	5 7	24 24	0 31	17 54	2 27	25 17	1 11	8 9	1 35	19 56	0 11	11 47	0 12	14 11	1 0	32 42	16 17	18 23	18 2	17 21			n.a.
T 16	23 42	14 3	4 59	24 11	0 24	17 35	2 37	25 16	1 11	8 8	1 35	19 58	0 11	11 48	0 12	14 12	1 0	32 41	16 17	18 25	18 3	17 23			n.a.
W17	23 46	17 44	4 31	23 57	0 17	17 16	2 47	25 14	1 11	8 7	1 35	19 59	0 11	11 49	0 12	14 12	1 0	32 40	16 16	18 27	18 4	17 24			n.a.
T 18	23 50	20 12	3 43	23 42	0 10	16 58	2 56	25 13	1 11	8 5	1 36	20 1	0 11	11 50	0 12	14 13	1 0	32 39	16 16	18 28	18 5	17 26			n.a.
F 19	23 54	21 13	2 40	23 26	0 3	16 39	3 6	25 11	1 10	8 4	1 36	20 3	0 11	11 51	0 12	14 13	1 0	32 38	16 16	18 30	18 6	17 27			n.a.
S 20	23 57	20 42	1 26	23 9	0s 5	16 20	3 16	25 10	1 10	8 3	1 36	20 4	0 11	11 52	0 12	14 14	1 0	32 37	16 15	18 31	18 7	17 29			n.a.
S 21	24 0	18 50	0 9	22 51	0 12	16 1	3 27	25 7	1 10	8 2	1 36	20 6	0 11	11 53	0 12	14 14	1 0	32 36	16 15	18 31	18 7	17 30			n.a.
M22	24 2	15 52	1s 6	22 33	0 20	15 43	3 37	25 5	1 10	8 1	1 36	20 8	0 11	11 54	0 12	14 15	1 0	32 35	16 14	18 31	18 8	17 32			n.a.
T 23	24 4	12 8	2 15	22 13	0 28	15 24	3 48	25 3	1 10	8 1	1 37	20 9	0 11	11 55	0 12	14 16	1 0	32 34	16 14	18 30	18 9	17 33			n.a.
W24	24 5	7 56	3 15	21 53	0 36	15 6	3 58	25 0	1 9	8 0	1 37	20 11	0 10	11 55	0 12	14 16	1 0	32 33	16 13	18 30	18 10	17 35			n.a.
T 25	24 6	3 30	4 3	21 32	0 44	14 48	4 9	24 57	1 9	7 59	1 37	20 13	0 10	11 56	0 12	14 17	1 0	32 32	16 13	18 30	18 11	17 36			n.a.
F 26	24 7	0n57	4 39	21 11	0 52	14 30	4 20	24 54	1 9	7 59	1 37	20 14	0 10	11 57	0 12	14 17	1 0	32 31	16 13	18 30	18 12	17 38			n.a.
S 27	24 7	5 18	5 2	20 49	1 0	14 12	4 31	24 50	1 9	7 58	1 38	20 16	0 10	11 58	0 12	14 18	1 0	32 30	16 12	18 31	18 13	17 39			n.a.
S 28	24 6	9 22	5 10	20 27	1 9	13 55	4 42	24 47	1 9	7 58	1 38	20 18	0 10	11 59	0 12	14 18	1 0	32 29	16 12	18 32	18 14	17 41			n.a.
M29	24 5	13 3	5 6	20 5	1 17	13 38	4 53	24 43	1 8	7 57	1 38	20 19	0 10	12 0	0 12	14 19	1 0	32 28	16 11	18 34	18 14	17 42			n.a.
T 30	24 4	16 12	4 48	19 42	1 25	13 21	5 4	24 39	1 8	7 57	1 38	20 21	0 10	12 0	0 12	14 19	1 0	32 27	16 11	18 36	18 15	17 44			n.a.
W31	24n 2	18n41	4s18	19n20	1s33	13n 5	5s15	24n34	1n 8	7s57	1s39	20n22	0s10	12n 1	0s12	14n19	1s 0	32n26	16n11	18n37	18n16	17n45			n.a.

Julian Day Number = 194494.5, Delta T = 32h21m48s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'19, Lahiri = -61°23'19 Julian Calendar 1 July 4181 BCE == Greg. Calendar 29 May 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

AUGUST 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 30 8	5♋24'02	24♊31	0♌35	10♌41	13♋46	14♓ 5	29♉15	1♉13	10♉10	14♌ 5	8°R29	9♌50	8♊ 0	n.a.	T 1
F 2	18 34 4	6°23'31	6♋29	1°41	10°58	14°28	14° 5	29°22	1°15	10°11	14° 7	8♌25	9°47	8° 6	n.a.	F 2
S 3	18 38 1	7°23'03	18°32	2°46	11°12	15° 9	14° 6	29°28	1°17	10°13	14° 9	8°21	9°43	8°13	n.a.	S 3
S 4	18 41 57	8°22'36	0♌42	3°48	11°25	15°50	14° 6	29°35	1°19	10°14	14°11	8°19	9°40	8°20	n.a.	S 4
M 5	18 45 54	9°22'12	13° 1	4°48	11°35	16°31	14°R 6	29°41	1°20	10°15	14°13	8°D19	9°37	8°27	n.a.	M 5
T 6	18 49 50	10°21'50	25°32	5°45	11°43	17°13	14° 6	29°47	1°22	10°17	14°16	8°20	9°34	8°33	n.a.	T 6
W 7	18 53 47	11°21'29	8♍16	6°39	11°49	17°54	14° 6	29°54	1°24	10°18	14°18	8°22	9°31	8°40	n.a.	W 7
T 8	18 57 43	12°21'11	21°16	7°29	11°53	18°35	14° 5	29°59	1°26	10°19	14°20	8°24	9°28	8°47	n.a.	T 8
F 9	19 1 40	13°20'55	4♎34	8°17	11°R55	19°17	14° 4	0♊ 6	1°28	10°20	14°22	8°25	9°24	8°53	n.a.	F 9
S 10	19 5 36	14°20'41	18°13	9° 0	11°54	19°58	14° 3	0°12	1°29	10°22	14°24	8°R25	9°21	9° 0	n.a.	S 10
S 11	19 9 33	15°20'28	2♏14	9°38	11°50	20°40	14° 2	0°18	1°31	10°23	14°26	8°24	9°18	9° 7	n.a.	S 11
M12	19 13 29	16°20'18	16°36	10°12	11°45	21°22	14° 1	0°24	1°32	10°24	14°29	8°22	9°15	9°14	n.a.	M12
T 13	19 17 26	17°20'09	1♐16	10°41	11°37	22° 3	13°59	0°30	1°34	10°25	14°31	8°19	9°12	9°20	n.a.	T 13
W14	19 21 23	18°20'03	16° 9	11° 4	11°26	22°45	13°57	0°36	1°35	10°26	14°33	8°17	9° 9	9°27	n.a.	W14
T 15	19 25 19	19°19'59	1♑ 7	11°21	11°13	23°27	13°55	0°42	1°37	10°27	14°35	8°14	9° 5	9°34	n.a.	T 15
F 16	19 29 16	20°19'56	16° 3	11°31	10°58	24° 9	13°53	0°47	1°38	10°28	14°38	8°12	9° 2	9°40	n.a.	F 16
S 17	19 33 12	21°19'56	0♒46	11°R34	10°40	24°51	13°51	0°53	1°39	10°29	14°40	8°12	8°59	9°47	n.a.	S 17
S 18	19 37 9	22°19'58	15°12	11°29	10°20	25°33	13°48	0°59	1°40	10°30	14°42	8°D12	8°56	9°54	n.a.	S 18
M19	19 41 5	23°20'03	29°14	11°16	9°58	26°14	13°45	1° 4	1°42	10°31	14°44	8°12	8°53	10° 0	n.a.	M19
T 20	19 45 2	24°20'09	12♓51	10°54	9°33	26°57	13°42	1°10	1°43	10°32	14°47	8°13	8°49	10° 7	n.a.	T 20
W21	19 48 58	25°20'18	26° 2	10°23	9° 7	27°39	13°39	1°15	1°44	10°33	14°49	8°15	8°46	10°14	n.a.	W21
T 22	19 52 55	26°20'29	8♈50	9°43	8°39	28°21	13°36	1°21	1°45	10°34	14°51	8°15	8°43	10°21	n.a.	T 22
F 23	19 56 51	27°20'43	21°17	8°54	8° 9	29° 3	13°32	1°26	1°46	10°35	14°54	8°16	8°40	10°27	n.a.	F 23
S 24	20 0 48	28°20'58	3♉29	7°57	7°38	29°45	13°28	1°31	1°47	10°35	14°56	8°R16	8°37	10°34	n.a.	S 24
S 25	20 4 44	29°21'17	15°29	6°53	7° 5	0♌27	13°25	1°36	1°48	10°36	14°59	8°16	8°34	10°41	n.a.	S 25
M26	20 8 41	0♌21'37	27°22	5°42	6°31	1°10	13°20	1°41	1°48	10°37	15° 1	8°15	8°30	10°47	n.a.	M26
T 27	20 12 37	1°22'00	9♊12	4°27	5°56	1°52	13°16	1°46	1°49	10°37	15° 3	8°14	8°27	10°54	n.a.	T 27
W28	20 16 34	2°22'25	21° 4	3°10	5°21	2°35	13°12	1°51	1°50	10°38	15° 6	8°13	8°24	11° 1	n.a.	W28
T 29	20 20 31	3°22'52	3♋ 1	1°52	4°45	3°17	13° 7	1°56	1°51	10°39	15° 8	8°12	8°21	11° 7	n.a.	T 29
F 30	20 24 27	4°23'21	15° 5	0°37	4° 9	4° 0	13° 2	2° 1	1°51	10°39	15°11	8°12	8°18	11°14	n.a.	F 30
S 31	20 28 24	5♌23'53	27♋19	29♋27	3♌33	4♌42	12♓57	2♊ 5	1♉52	10♉40	15♌13	8♌12	8♌14	11♊21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	24n 0	20n23	3s37	18n57	1s41	12n49	5s27	24n30	1n 8	7s57	1s39	20n24	0s10	12n 2	0s12	14n20	1s 0	32n25	16n10	18n39	18n17	17n47			n.a.
F 2	23 57	21 12	2 45	18 34	1 50	12 34	5 38	24 25	1 7	7 57	1 39	20 25	0 10	12 3	0 12	14 20	1 0	32 24	16 10	18 40	18 18	17 48			n.a.
S 3	23 54	21 2	1 46	18 11	1 58	12 19	5 49	24 20	1 7	7 57	1 39	20 27	0 10	12 3	0 12	14 21	1 0	32 23	16 9	18 41	18 19	17 50			n.a.
S 4	23 50	19 53	0 42	17 49	2 6	12 4	6 1	24 15	1 7	7 57	1 40	20 28	0 10	12 4	0 12	14 21	1 0	32 22	16 9	18 42	18 20	17 51			n.a.
M 5	23 46	17 47	0n26	17 27	2 13	11 51	6 12	24 10	1 7	7 57	1 40	20 30	0 9	12 5	0 12	14 22	1 0	32 21	16 9	18 42	18 21	17 53			n.a.
T 6	23 42	14 50	1 33	17 5	2 21	11 38	6 23	24 4	1 6	7 58	1 40	20 31	0 9	12 5	0 12	14 22	1 0	32 20	16 8	18 41	18 21	17 54			n.a.
W 7	23 37	11 7	2 37	16 44	2 29	11 25	6 34	23 58	1 6	7 58	1 40	20 33	0 9	12 6	0 12	14 22	1 0	32 19	16 8	18 41	18 22	17 56			n.a.
T 8	23 31	6 50	3 35	16 24	2 36	11 14	6 45	23 52	1 6	7 58	1 41	20 34	0 9	12 7	0 12	14 23	1 0	32 18	16 8	18 41	18 23	17 57			n.a.
F 9	23 25	2 7	4 22	16 5	2 43	11 3	6 56	23 46	1 6	7 59	1 41	20 36	0 9	12 7	0 12	14 23	1 0	32 17	16 7	18 40	18 24	17 59			n.a.
S 10	23 19	2s48	4 56	15 48	2 49	10 53	7 7	23 39	1 5	7 59	1 41	20 37	0 9	12 8	0 12	14 24	1 0	32 16	16 7	18 40	18 25	18 0			n.a.
S 11	23 12	7 42	5 13	15 31	2 56	10 44	7 17	23 33	1 5	8 0	1 41	20 38	0 9	12 8	0 12	14 24	1 0	32 15	16 7	18 40	18 26	18 2			n.a.
M12	23 5	12 18	5 12	15 17	3 1	10 36	7 27	23 26	1 5	8 1	1 41	20 40	0 9	12 9	0 12	14 24	1 0	32 14	16 7	18 41	18 27	18 3			n.a.
T 13	22 57	16 16	4 50	15 4	3 6	10 28	7 37	23 19	1 5	8 2	1 42	20 41	0 9	12 9	0 12	14 25	1 0	32 13	16 6	18 42	18 28	18 4			n.a.
W14	22 49	19 14	4 9	14 53	3 11	10 22	7 47	23 11	1 4	8 3	1 42	20 42	0 9	12 10	0 12	14 25	1 0	32 12	16 6	18 42	18 28	18 6			n.a.
T 15	22 40	20 56	3 11	14 45	3 15	10 17	7 56	23 4	1 4	8 4	1 42	20 44	0 9	12 10	0 12	14 25	1 0	32 11	16 6	18 43	18 29	18 7			n.a.
F 16	22 31	21 9	1 59	14 39	3 18	10 13	8 4	22 56	1 4	8 5	1 42	20 45	0 9	12 11	0 12	14 26	1 0	32 10	16 6	18 44	18 30	18 9			n.a.
S 17	22 22	19 53	0 41	14 37	3 19	10 10	8 12	22 48	1 3	8 6	1 43	20 46	0 9	12 11	0 12	14 26	1 0	32 9	16 5	18 44	18 31	18 10			n.a.
S 18	22 12	17 21	0s39	14 37	3 20	10 8	8 20	22 40	1 3	8 7	1 43	20 48	0 8	12 12	0 12	14 26	1 0	32 8	16 5	18 44	18 32	18 12			n.a.
M19	22 2	13 50	1 54	14 42	3 19	10 7	8 27	22 31	1 3	8 8	1 43	20 49	0 8	12 12	0 12	14 26	1 0	32 7	16 5	18 44	18 33	18 13			n.a.
T 20	21 51	9 41	3 0	14 50	3 17	10 8	8 33	22 23	1 3	8 10	1 43	20 50	0 8	12 13	0 12	14 27	1 0	32 6	16 5	18 43	18 34	18 15			n.a.
W21	21 40	5 12	3 55	15 2	3 14	10 9	8 38	22 14	1 2	8 11	1 43	20 51	0 8	12 13	0 12	14 27	1 0	32 5	16 4	18 43	18 34	18 16			n.a.
T 22	21 28	0 37	4 36	15 18	3 8	10 12	8 43	22 5	1 2	8 13	1 44	20 53	0 8	12 13	0 12	14 27	1 0	32 4	16 4	18 43	18 35	18 17			n.a.
F 23	21 17	3n52	5 3	15 39	3 0	10 16	8 47	21 56	1 2	8 14	1 44	20 54	0 8	12 14	0 12	14 28	1 0	32 3	16 4	18 43	18 36	18 19			n.a.
S 24	21 4	8 5	5 16	16 3	2 51	10 21	8 50	21 46	1 1	8 16	1 44	20 55	0 8	12 14	0 12	14 28	1 0	32 2	16 4	18 43	18 37	18 20			n.a.
S 25	20 51	11 56	5 15	16 31	2 39	10 27	8 52	21 37	1 1	8 18	1 44	20 56	0 8	12 14	0 12	14 28	1 0	32 1	16 4	18 43	18 38	18 22			n.a.
M26	20 38	15 16	5 0	17 2	2 26	10 34	8 53	21 27	1 1	8 19	1 44	20 57	0 8	12 15	0 12	14 28	1 0	32 0	16 3	18 43	18 39	18 23			n.a.
T 27	20 25	17 58	4 32	17 35	2 10	10 42	8 54	21 17	1 0	8 21	1 44	20 58	0 8	12 15	0 12	14 28	1 0	31 59	16 3	18 43	18 40	18 25			n.a.
W28	20 11	19 56	3 53	18 10	1 53	10 51	8 53	21 7	1 0	8 23	1 45	20 59	0 8	12 15	0 12	14 29	1 0	31 59	16 3	18 43	18 40	18 26			n.a.
T 29	19 57	21 2	3 3	18 46	1 34	11 1	8 51	20 56	1 0	8 25	1 45	21 0	0 8	12 15	0 12	14 29	1 0	31 58	16 3	18 44	18 41	18 27			n.a.
F 30	19 42	21 10	2 5	19 22	1 15	11 13	8 48	20 45	0 59	8 27	1 45	21 1	0 8	12 16	0 12	14 29	1 0	31 57	16 3	18 44	18 42	18 29			n.a.
S 31	19n27	20n18	1s 0	19n57	0s55	11n24	8s45	20n35	0n59	8s29	1s45	21n 2	0s 7	12n16	0s12	14n29	1s 1	31n56	16n 3	18n44	18n43	18n30			n.a.

Julian Day Number = 194525.5, Delta T = 32h21m44s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'15, Lahiri = -61°23'15 Julian Calendar 1 Aug. 4181 BCE == Greg. Calendar 29 June 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

SEPTEMBER 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 32 20	6♌24'26	9♌44	28°R24	2°R57	5♌25	12°R52	2♊10	1♉52	10♉40	15♌15	8°D11	8♌11	11♊28	n.a.	S 1
M 2	20 36 17	7°25'01	22°22	27♋29	2♌21	6° 8	12♓47	2°14	1°53	10°41	15°18	8♌12	8° 8	11°34	n.a.	M 2
T 3	20 40 13	8°25'37	5♍12	26°44	1°47	6°50	12°41	2°19	1°53	10°41	15°20	8°R12	8° 5	11°41	n.a.	T 3
W 4	20 44 10	9°26'16	18°16	26°11	1°13	7°33	12°35	2°23	1°53	10°42	15°23	8°11	8° 2	11°48	n.a.	W 4
T 5	20 48 6	10°26'56	1♎33	25°49	0°41	8°16	12°30	2°27	1°54	10°42	15°25	8°11	7°59	11°54	n.a.	T 5
F 6	20 52 3	11°27'37	15° 3	25°D39	0°10	8°59	12°24	2°31	1°54	10°42	15°28	8°11	7°55	12° 1	n.a.	F 6
S 7	20 55 59	12°28'20	28°47	25°41	29♋40	9°42	12°18	2°36	1°54	10°43	15°30	8°11	7°52	12° 8	n.a.	S 7
S 8	20 59 56	13°29'05	12♏44	25°53	29°12	10°25	12°11	2°39	1°54	10°43	15°33	8°D11	7°49	12°14	n.a.	S 8
M 9	21 3 52	14°29'51	26°53	26°15	28°46	11° 8	12° 5	2°43	1°R54	10°43	15°35	8°11	7°46	12°21	n.a.	M 9
T 10	21 7 49	15°30'38	11♐12	26°47	28°23	11°51	11°58	2°47	1°54	10°43	15°37	8°11	7°43	12°28	n.a.	T 10
W11	21 11 46	16°31'26	25°39	27°28	28° 1	12°34	11°52	2°51	1°54	10°43	15°40	8°12	7°40	12°35	n.a.	W11
T 12	21 15 42	17°32'16	10♑ 9	28°16	27°41	13°17	11°45	2°55	1°54	10°44	15°42	8°13	7°36	12°41	n.a.	T 12
F 13	21 19 39	18°33'08	24°38	29°10	27°24	14° 0	11°38	2°58	1°54	10°44	15°45	8°13	7°33	12°48	n.a.	F 13
S 14	21 23 35	19°34'01	8♒59	0♌11	27°10	14°43	11°31	3° 1	1°53	10°44	15°47	8°R14	7°30	12°55	n.a.	S 14
S 15	21 27 32	20°34'55	23° 9	1°16	26°57	15°27	11°24	3° 5	1°53	10°R44	15°50	8°13	7°27	13° 1	n.a.	S 15
M16	21 31 28	21°35'50	7♓ 3	2°26	26°48	16°10	11°16	3° 8	1°53	10°44	15°52	8°12	7°24	13° 8	n.a.	M16
T 17	21 35 25	22°36'47	20°36	3°40	26°40	16°53	11° 9	3°11	1°52	10°44	15°55	8°10	7°20	13°15	n.a.	T 17
W18	21 39 21	23°37'46	3♈49	4°57	26°36	17°37	11° 2	3°14	1°52	10°44	15°57	8° 8	7°17	13°21	n.a.	W18
T 19	21 43 18	24°38'46	16°39	6°17	26°D33	18°20	10°54	3°17	1°51	10°43	15°59	8° 6	7°14	13°28	n.a.	T 19
F 20	21 47 14	25°39'48	29°11	7°40	26°33	19° 4	10°47	3°20	1°51	10°43	16° 2	8° 3	7°11	13°35	n.a.	F 20
S 21	21 51 11	26°40'51	11♉25	9° 4	26°36	19°48	10°39	3°23	1°50	10°43	16° 4	8° 2	7° 8	13°42	n.a.	S 21
S 22	21 55 8	27°41'56	23°27	10°30	26°41	20°31	10°31	3°25	1°50	10°43	16° 7	8°D 1	7° 5	13°48	n.a.	S 22
M23	21 59 4	28°43'02	5♊21	11°57	26°48	21°15	10°23	3°28	1°49	10°43	16° 9	8° 1	7° 1	13°55	n.a.	M23
T 24	22 3 1	29°44'10	17°11	13°25	26°58	21°59	10°15	3°30	1°48	10°42	16°12	8° 2	6°58	14° 2	n.a.	T 24
W25	22 6 57	0♍45'19	29° 3	14°55	27°10	22°42	10° 7	3°33	1°47	10°42	16°14	8° 4	6°55	14° 8	n.a.	W25
T 26	22 10 54	1°46'30	11♋ 2	16°25	27°24	23°26	9°59	3°35	1°46	10°42	16°16	8° 5	6°52	14°15	n.a.	T 26
F 27	22 14 50	2°47'42	23°11	17°56	27°40	24°10	9°51	3°37	1°45	10°41	16°19	8° 7	6°49	14°22	n.a.	F 27
S 28	22 18 47	3°48'55	5♌34	19°27	27°58	24°54	9°43	3°39	1°44	10°41	16°21	8°R 8	6°46	14°28	n.a.	S 28
S 29	22 22 43	4°50'09	18°13	20°59	28°18	25°38	9°35	3°41	1°43	10°40	16°23	8° 7	6°42	14°35	n.a.	S 29
M30	22 26 40	5♍51'24	1♍10	22♌31	28♋40	26♌22	9♓27	3♊43	1♉42	10♉40	16♌26	8♌ 6	6♌39	14♊42	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n12	18n27	0n 9	20n30	0s34	11n37	8s40	20n24	0n59	8s32	1s45	21n 4	0s 7	12n16	0s12	14n29	1s 1	31n55	16n 3	18n44	18n44	18n32		n.a.
M 2	18 56	15 40	1 18	21 1	0 14	11 50	8 35	20 12	0 58	8 34	1 45	21 4	0 7	12 16	0 12	14 29	1 1	31 54	16 3	18 44	18 45	18 33		n.a.
T 3	18 40	12 6	2 25	21 29	0n 5	12 4	8 28	20 1	0 58	8 36	1 46	21 5	0 7	12 16	0 12	14 29	1 1	31 53	16 2	18 44	18 46	18 34		n.a.
W 4	18 23	7 53	3 25	21 53	0 23	12 19	8 21	19 49	0 57	8 38	1 46	21 6	0 7	12 16	0 12	14 30	1 1	31 52	16 2	18 44	18 46	18 36		n.a.
T 5	18 7	3 15	4 15	22 14	0 40	12 33	8 13	19 38	0 57	8 41	1 46	21 7	0 7	12 16	0 12	14 30	1 1	31 51	16 2	18 44	18 47	18 37		n.a.
F 6	17 50	1s37	4 52	22 31	0 56	12 49	8 4	19 26	0 57	8 43	1 46	21 8	0 7	12 16	0 12	14 30	1 1	31 50	16 2	18 44	18 48	18 38		n.a.
S 7	17 32	6 29	5 13	22 45	1 10	13 4	7 54	19 13	0 56	8 46	1 46	21 9	0 7	12 16	0 12	14 30	1 1	31 50	16 2	18 44	18 49	18 40		n.a.
S 8	17 14	11 5	5 16	22 54	1 22	13 20	7 44	19 1	0 56	8 48	1 46	21 10	0 7	12 17	0 12	14 30	1 1	31 49	16 2	18 44	18 50	18 41		n.a.
M 9	16 56	15 8	5 1	23 1	1 33	13 36	7 33	18 49	0 56	8 51	1 46	21 11	0 7	12 17	0 12	14 30	1 1	31 48	16 2	18 44	18 51	18 43		n.a.
T 10	16 38	18 21	4 26	23 4	1 42	13 52	7 22	18 36	0 55	8 54	1 46	21 12	0 7	12 17	0 12	14 30	1 1	31 47	16 2	18 44	18 51	18 44		n.a.
W11	16 19	20 28	3 35	23 3	1 50	14 8	7 10	18 23	0 55	8 56	1 46	21 13	0 7	12 17	0 12	14 30	1 1	31 46	16 2	18 44	18 52	18 45		n.a.
T 12	16 1	21 14	2 30	23 0	1 57	14 23	6 57	18 10	0 54	8 59	1 46	21 13	0 6	12 16	0 12	14 30	1 1	31 45	16 2	18 43	18 53	18 47		n.a.
F 13	15 41	20 35	1 15	22 53	2 2	14 39	6 45	17 57	0 54	9 2	1 47	21 14	0 6	12 16	0 12	14 30	1 1	31 45	16 2	18 43	18 54	18 48		n.a.
S 14	15 22	18 35	0s 4	22 44	2 6	14 55	6 32	17 44	0 54	9 5	1 47	21 15	0 6	12 16	0 12	14 30	1 1	31 44	16 2	18 43	18 55	18 49		n.a.
S 15	15 2	15 28	1 22	22 32	2 9	15 10	6 19	17 30	0 53	9 8	1 47	21 16	0 6	12 16	0 12	14 30	1 1	31 43	16 2	18 43	18 56	18 51		n.a.
M16	14 42	11 31	2 33	22 18	2 11	15 25	6 5	17 16	0 53	9 10	1 47	21 16	0 6	12 16	0 12	14 30	1 1	31 42	16 2	18 44	18 56	18 52		n.a.
T 17	14 22	7 5	3 34	22 1	2 12	15 40	5 51	17 2	0 52	9 13	1 47	21 17	0 6	12 16	0 12	14 30	1 1	31 41	16 2	18 44	18 57	18 53		n.a.
W18	14 1	2 25	4 21	21 42	2 13	15 54	5 38	16 48	0 52	9 16	1 47	21 18	0 6	12 16	0 12	14 30	1 1	31 41	16 2	18 45	18 58	18 55		n.a.
T 19	13 40	2n13	4 54	21 21	2 12	16 8	5 24	16 34	0 51	9 19	1 47	21 18	0 6	12 16	0 12	14 30	1 1	31 40	16 2	18 45	18 59	18 56		n.a.
F 20	13 19	6 38	5 12	20 59	2 11	16 22	5 10	16 20	0 51	9 22	1 47	21 19	0 6	12 15	0 12	14 30	1 1	31 39	16 2	18 46	19 0	18 58		n.a.
S 21	12 58	10 42	5 15	20 34	2 9	16 35	4 57	16 5	0 50	9 25	1 47	21 20	0 6	12 15	0 12	14 30	1 1	31 38	16 2	18 46	19 1	18 59		n.a.
S 22	12 37	14 15	5 5	20 8	2 7	16 47	4 43	15 51	0 50	9 28	1 47	21 20	0 6	12 15	0 12	14 30	1 1	31 38	16 2	18 47	19 1	19 0		n.a.
M23	12 15	17 12	4 41	19 40	2 4	16 59	4 29	15 36	0 50	9 31	1 47	21 21	0 6	12 15	0 12	14 29	1 1	31 37	16 2	18 47	19 2	19 2		n.a.
T 24	11 53	19 25	4 5	19 11	2 1	17 11	4 16	15 21	0 49	9 34	1 47	21 22	0 5	12 14	0 12	14 29	1 1	31 36	16 2	18 46	19 3	19 3		n.a.
W25	11 31	20 48	3 19	18 41	1 57	17 21	4 2	15 6	0 49	9 37	1 47	21 22	0 5	12 14	0 12	14 29	1 1	31 35	16 3	18 46	19 4	19 4		n.a.
T 26	11 8	21 15	2 24	18 9	1 53	17 32	3 49	14 50	0 48	9 41	1 47	21 23	0 5	12 14	0 12	14 29	1 1	31 35	16 3	18 45	19 5	19 5		n.a.
F 27	10 46	20 43	1 21	17 36	1 49	17 41	3 36	14 35	0 48	9 44	1 47	21 23	0 5	12 14	0 12	14 29	1 1	31 34	16 3	18 45	19 6	19 7		n.a.
S 28	10 23	19 11	0 14	17 3	1 44	17 50	3 23	14 20	0 47	9 47	1 47	21 24	0 5	12 13	0 12	14 29	1 1	31 33	16 3	18 45	19 6	19 8		n.a.
S 29	10 0	16 40	0n55	16 28	1 39	17 59	3 10	14 4	0 47	9 50	1 47	21 24	0 5	12 13	0 12	14 29	1 1	31 33	16 3	18 45	19 7	19 9		n.a.
M30	9n37	13n16	2n 3	15n52	1n34	18n 6	2s58	13n48	0n46	9s53	1s47	21n24	0s 5	12n12	0s12	14n28	1s 1	31n32	16n 3	18n45	19n 8	19n11		n.a.

Julian Day Number = 194556.5, Delta T = 32h21m41s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'11, Lahiri = -61°23'11 Julian Calendar 1 Sept. 4181 BCE == Greg. Calendar 30 July 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

OCTOBER 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 30 37	6♍52'40	14♍24	24♌ 4	29♋ 4	27♌ 6	9°R19	3♊45	1°R41	10°R39	16♌28	8°R 2	6♌36	14♊49	n.a.	T 1
W 2	22 34 33	7°53'57	27°54	25°37	29°30	27°50	9♓10	3°46	1♉40	10♉39	16°30	7♌58	6°33	14°55	n.a.	W 2
T 3	22 38 30	8°55'15	11♎39	27°10	29°58	28°34	9° 2	3°48	1°39	10°38	16°33	7°53	6°30	15° 2	n.a.	T 3
F 4	22 42 26	9°56'33	25°33	28°43	0♌27	29°19	8°54	3°49	1°37	10°38	16°35	7°48	6°26	15° 9	n.a.	F 4
S 5	22 46 23	10°57'52	9♏36	0♍16	0°58	0♍ 3	8°46	3°50	1°36	10°37	16°37	7°43	6°23	15°15	n.a.	S 5
S 6	22 50 19	11°59'12	23°42	1°49	1°30	0°47	8°38	3°52	1°35	10°36	16°40	7°40	6°20	15°22	n.a.	S 6
M 7	22 54 16	13° 0'32	7♐51	3°22	2° 4	1°31	8°29	3°53	1°33	10°36	16°42	7°D39	6°17	15°29	n.a.	M 7
T 8	22 58 13	14° 1'52	22° 0	4°56	2°39	2°16	8°21	3°54	1°32	10°35	16°44	7°39	6°14	15°35	n.a.	T 8
W 9	23 2 9	15° 3'13	6♑ 7	6°29	3°15	3° 0	8°13	3°54	1°30	10°34	16°46	7°40	6°11	15°42	n.a.	W 9
T 10	23 6 6	16° 4'33	20°11	8° 3	3°53	3°45	8° 5	3°55	1°29	10°33	16°49	7°42	6° 7	15°49	n.a.	T 10
F 11	23 10 2	17° 5'54	4♒10	9°37	4°33	4°29	7°57	3°56	1°27	10°32	16°51	7°R43	6° 4	15°55	n.a.	F 11
S 12	23 13 59	18° 7'16	18° 3	11°10	5°13	5°14	7°49	3°56	1°26	10°32	16°53	7°42	6° 1	16° 2	n.a.	S 12
S 13	23 17 55	19° 8'37	1♓47	12°44	5°55	5°58	7°41	3°57	1°24	10°31	16°55	7°40	5°58	16° 9	n.a.	S 13
M14	23 21 52	20° 9'59	15°19	14°18	6°38	6°43	7°33	3°57	1°22	10°30	16°57	7°35	5°55	16°16	n.a.	M14
T 15	23 25 48	21°11'21	28°38	15°52	7°21	7°27	7°26	3°57	1°20	10°29	16°59	7°29	5°51	16°22	n.a.	T 15
W16	23 29 45	22°12'43	11♈41	17°26	8° 6	8°12	7°18	3°R57	1°19	10°28	17° 2	7°21	5°48	16°29	n.a.	W16
T 17	23 33 42	23°14'06	24°27	19° 1	8°52	8°57	7°10	3°57	1°17	10°27	17° 4	7°12	5°45	16°36	n.a.	T 17
F 18	23 37 38	24°15'29	6♉56	20°35	9°39	9°42	7° 3	3°57	1°15	10°26	17° 6	7° 3	5°42	16°42	n.a.	F 18
S 19	23 41 35	25°16'53	19°11	22°10	10°27	10°27	6°55	3°57	1°13	10°25	17° 8	6°56	5°39	16°49	n.a.	S 19
S 20	23 45 31	26°18'17	1♊13	23°44	11°16	11°11	6°48	3°56	1°11	10°24	17°10	6°51	5°36	16°56	n.a.	S 20
M21	23 49 28	27°19'41	13° 7	25°19	12° 6	11°56	6°41	3°56	1° 9	10°22	17°12	6°47	5°32	17° 2	n.a.	M21
T 22	23 53 24	28°21'06	24°57	26°54	12°57	12°41	6°34	3°55	1° 7	10°21	17°14	6°D46	5°29	17° 9	n.a.	T 22
W23	23 57 21	29°22'30	6♋48	28°30	13°48	13°26	6°27	3°55	1° 5	10°20	17°16	6°46	5°26	17°16	n.a.	W23
T 24	0 1 18	0♎23'55	18°45	0♎ 5	14°40	14°11	6°20	3°54	1° 3	10°19	17°18	6°47	5°23	17°22	n.a.	T 24
F 25	0 5 14	1°25'21	0♌55	1°41	15°33	14°56	6°13	3°53	1° 0	10°18	17°20	6°R48	5°20	17°29	n.a.	F 25
S 26	0 9 11	2°26'46	13°21	3°17	16°27	15°41	6° 6	3°52	0°58	10°17	17°22	6°48	5°17	17°36	n.a.	S 26
S 27	0 13 7	3°28'11	26° 7	4°54	17°21	16°27	6° 0	3°51	0°56	10°15	17°23	6°46	5°13	17°43	n.a.	S 27
M28	0 17 4	4°29'37	9♍17	6°31	18°16	17°12	5°54	3°50	0°54	10°14	17°25	6°41	5°10	17°49	n.a.	M28
T 29	0 21 1	5°31'02	22°50	8° 8	19°11	17°57	5°47	3°48	0°52	10°13	17°27	6°34	5° 7	17°56	n.a.	T 29
W30	0 24 57	6°32'27	6♎44	9°45	20° 8	18°42	5°41	3°47	0°49	10°11	17°29	6°25	5° 4	18° 3	n.a.	W30
T 31	0 28 54	7♎33'51	20♎57	11♎23	21♌ 4	19♍28	5♓35	3♊45	0♉47	10♉10	17♌31	6♌15	5♌ 1	18♊ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9n14	9n 9	3n 6	15n16	1n29	18n13	2s46	13n32	0n46	9s56	1s46	21n25	0s 5	12n12	0s12	14n28	1s 1	31n31	16n 3	18n46	19n 9	19n12			n.a.
W 2	8 50	4 30	3 59	14 38	1 23	18 20	2 34	13 16	0 45	9 59	1 46	21 25	0 5	12 12	0 12	14 28	1 1	31 31	16 3	18 47	19 10	19 13			n.a.
T 3	8 27	0s27	4 40	14 0	1 17	18 25	2 22	13 0	0 45	10 2	1 46	21 26	0 5	12 11	0 12	14 28	1 1	31 30	16 4	18 49	19 10	19 15			n.a.
F 4	8 3	5 26	5 5	13 22	1 12	18 30	2 10	12 43	0 44	10 5	1 46	21 26	0 5	12 11	0 12	14 28	1 1	31 30	16 4	18 50	19 11	19 16			n.a.
S 5	7 39	10 10	5 12	12 43	1 6	18 35	1 59	12 27	0 44	10 8	1 46	21 26	0 4	12 10	0 12	14 27	1 1	31 29	16 4	18 51	19 12	19 17			n.a.
S 6	7 15	14 23	5 0	12 3	0 59	18 38	1 48	12 10	0 43	10 12	1 46	21 27	0 4	12 10	0 12	14 27	1 1	31 28	16 4	18 52	19 13	19 18			n.a.
M 7	6 51	17 48	4 30	11 22	0 53	18 41	1 37	11 54	0 43	10 15	1 46	21 27	0 4	12 9	0 12	14 27	1 1	31 28	16 4	18 52	19 14	19 20			n.a.
T 8	6 27	20 9	3 43	10 42	0 47	18 43	1 26	11 37	0 42	10 18	1 46	21 27	0 4	12 9	0 12	14 27	1 1	31 27	16 5	18 52	19 15	19 21			n.a.
W 9	6 3	21 15	2 44	10 0	0 41	18 45	1 16	11 20	0 42	10 21	1 46	21 27	0 4	12 8	0 12	14 26	1 1	31 27	16 5	18 52	19 15	19 22			n.a.
T 10	5 38	21 0	1 34	9 19	0 34	18 46	1 6	11 3	0 41	10 24	1 45	21 28	0 4	12 8	0 12	14 26	1 1	31 26	16 5	18 52	19 16	19 24			n.a.
F 11	5 14	19 27	0 19	8 37	0 28	18 46	0 56	10 46	0 41	10 26	1 45	21 28	0 4	12 7	0 12	14 26	1 1	31 26	16 5	18 51	19 17	19 25			n.a.
S 12	4 49	16 44	0s56	7 54	0 21	18 45	0 46	10 29	0 40	10 29	1 45	21 28	0 4	12 6	0 12	14 26	1 1	31 25	16 6	18 52	19 18	19 26			n.a.
S 13	4 25	13 6	2 7	7 12	0 15	18 44	0 37	10 11	0 40	10 32	1 45	21 28	0 4	12 6	0 12	14 25	1 1	31 25	16 6	18 52	19 19	19 27			n.a.
M14	4 0	8 50	3 10	6 29	0 9	18 42	0 28	9 54	0 39	10 35	1 45	21 28	0 4	12 5	0 12	14 25	1 1	31 24	16 6	18 53	19 19	19 29			n.a.
T 15	3 35	4 13	4 1	5 45	0 2	18 39	0 19	9 36	0 38	10 38	1 44	21 29	0 4	12 5	0 12	14 25	1 1	31 24	16 6	18 55	19 20	19 30			n.a.
W16	3 10	0n30	4 38	5 2	0s 4	18 35	0 10	9 19	0 38	10 41	1 44	21 29	0 3	12 4	0 12	14 24	1 1	31 23	16 7	18 57	19 21	19 31			n.a.
T 17	2 45	5 6	5 0	4 18	0 11	18 31	0 2	9 1	0 37	10 43	1 44	21 29	0 3	12 3	0 12	14 24	1 1	31 23	16 7	18 59	19 22	19 32			n.a.
F 18	2 21	9 23	5 8	3 35	0 17	18 26	0n 6	8 43	0 37	10 46	1 44	21 29	0 3	12 3	0 12	14 24	1 1	31 22	16 7	19 2	19 23	19 34			n.a.
S 19	1 56	13 12	5 1	2 51	0 23	18 20	0 14	8 25	0 36	10 49	1 44	21 29	0 3	12 2	0 12	14 23	1 1	31 22	16 7	19 4	19 23	19 35			n.a.
S 20	1 31	16 24	4 41	2 7	0 29	18 14	0 22	8 7	0 36	10 51	1 43	21 29	0 3	12 1	0 12	14 23	1 1	31 22	16 8	19 5	19 24	19 36			n.a.
M21	1 5	18 54	4 8	1 22	0 35	18 7	0 29	7 49	0 35	10 54	1 43	21 29	0 3	12 1	0 12	14 23	1 1	31 21	16 8	19 6	19 25	19 37			n.a.
T 22	0 40	20 35	3 26	0 38	0 41	17 59	0 36	7 31	0 34	10 56	1 43	21 29	0 3	12 0	0 12	14 22	1 1	31 21	16 8	19 6	19 26	19 39			n.a.
W23	0 15	21 22	2 34	0s 6	0 47	17 51	0 43	7 12	0 34	10 59	1 43	21 29	0 3	11 59	0 12	14 22	1 2	31 20	16 9	19 6	19 27	19 40			n.a.
T 24	0s10	21 11	1 36	0 51	0 53	17 41	0 50	6 54	0 33	11 1	1 42	21 29	0 3	11 58	0 12	14 21	1 2	31 20	16 9	19 6	19 27	19 41			n.a.
F 25	0 35	20 0	0 32	1 35	0 59	17 32	0 57	6 36	0 33	11 4	1 42	21 29	0 3	11 58	0 12	14 21	1 2	31 20	16 9	19 6	19 28	19 42			n.a.
S 26	1 0	17 51	0n35	2 19	1 4	17 21	1 3	6 17	0 32	11 6	1 42	21 29	0 3	11 57	0 12	14 21	1 2	31 19	16 10	19 6	19 29	19 43			n.a.
S 27	1 25	14 45	1 42	3 4	1 10	17 10	1 9	5 59	0 31	11 8	1 42	21 28	0 2	11 56	0 12	14 20	1 2	31 19	16 10	19 6	19 30	19 45			n.a.
M28	1 50	10 51	2 45	3 48	1 15	16 58	1 15	5 40	0 31	11 10	1 41	21 28	0 2	11 55	0 12	14 20	1 2	31 19	16 10	19 7	19 31	19 46			n.a.
T 29	2 15	6 17	3 40	4 32	1 20	16 46	1 21	5 21	0 30	11 12	1 41	21 28	0 2	11 54	0 12	14 19	1 2	31 19	16 11	19 9	19 31	19 47			n.a.
W30	2 40	1 17	4 24	5 16	1 25	16 32	1 26	5 3	0 30	11 14	1 41	21 28	0 2	11 54	0 12	14 19	1 2	31 18	16 11	19 12	19 32	19 48			n.a.
T 31	3s 5	3s54	4n53	5s59	1s29	16n19	1n31	4n44	0n29	11s16	1s40	21n28	0s 2	11n53	0s12	14n18	1s 2	31n18	16n12	19n14	19n33	19n50			n.a.

Julian Day Number = 194586.5, Delta T = 32h21m38s
Ecliptic obliquity = 24°06'50, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'07, Lahiri = -61°23'07 Julian Calendar 1 Oct. 4181 BCE == Greg. Calendar 29 Aug. 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

NOVEMBER 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 32 50	8♎35'15	5♏22	13♎ 1	22♌ 2	20♍13	5°R29	3°R44	0°R45	10°R 9	17♌32	6°R 4	4♌57	18♊16	n.a.	F 1
S 2	0 36 47	9°36'39	19°52	14°39	22°59	20°58	5♓24	3♊42	0♉42	10♉ 7	17°34	5♌55	4°54	18°23	n.a.	S 2
S 3	0 40 43	10°38'02	4♐22	16°18	23°58	21°44	5°18	3°40	0°40	10° 6	17°36	5°48	4°51	18°29	n.a.	S 3
M 4	0 44 40	11°39'24	18°45	17°57	24°57	22°29	5°13	3°38	0°37	10° 4	17°38	5°43	4°48	18°36	n.a.	M 4
T 5	0 48 37	12°40'45	2♑59	19°36	25°56	23°15	5° 8	3°36	0°35	10° 3	17°39	5°41	4°45	18°43	n.a.	T 5
W 6	0 52 33	13°42'06	17° 1	21°16	26°56	24° 0	5° 3	3°34	0°33	10° 1	17°41	5°D41	4°42	18°49	n.a.	W 6
T 7	0 56 30	14°43'25	0♒51	22°55	27°56	24°46	4°58	3°32	0°30	10° 0	17°42	5°R41	4°38	18°56	n.a.	T 7
F 8	1 0 26	15°44'44	14°30	24°35	28°57	25°31	4°54	3°29	0°28	9°59	17°44	5°41	4°35	19° 3	n.a.	F 8
S 9	1 4 23	16°46'01	27°59	26°16	29°58	26°17	4°49	3°27	0°25	9°57	17°45	5°39	4°32	19° 9	n.a.	S 9
S 10	1 8 19	17°47'18	11♓17	27°56	0♍59	27° 2	4°45	3°24	0°23	9°55	17°47	5°34	4°29	19°16	n.a.	S 10
M11	1 12 16	18°48'33	24°25	29°36	2° 1	27°48	4°41	3°22	0°20	9°54	17°48	5°26	4°26	19°23	n.a.	M11
T 12	1 16 13	19°49'47	7♈21	1♏16	3° 3	28°34	4°37	3°19	0°18	9°52	17°50	5°16	4°22	19°30	n.a.	T 12
W13	1 20 9	20°51'01	20° 7	2°57	4° 6	29°19	4°34	3°16	0°15	9°51	17°51	5° 3	4°19	19°36	n.a.	W13
T 14	1 24 6	21°52'13	2♉40	4°36	5° 9	0♎ 5	4°30	3°13	0°12	9°49	17°53	4°49	4°16	19°43	n.a.	T 14
F 15	1 28 2	22°53'25	15° 1	6°16	6°12	0°51	4°27	3°10	0°10	9°48	17°54	4°35	4°13	19°50	n.a.	F 15
S 16	1 31 59	23°54'36	27°11	7°54	7°16	1°37	4°24	3° 7	0° 7	9°46	17°55	4°23	4°10	19°56	n.a.	S 16
S 17	1 35 55	24°55'46	9♊10	9°32	8°20	2°22	4°21	3° 4	0° 5	9°44	17°56	4°12	4° 7	20° 3	n.a.	S 17
M18	1 39 52	25°56'55	21° 2	11° 8	9°24	3° 8	4°18	3° 1	0° 2	9°43	17°58	4° 5	4° 3	20°10	n.a.	M18
T 19	1 43 49	26°58'03	2♋51	12°43	10°29	3°54	4°16	2°57	29♈59	9°41	17°59	4° 0	4° 0	20°16	n.a.	T 19
W20	1 47 45	27°59'11	14°40	14°16	11°33	4°40	4°13	2°54	29°57	9°39	18° 0	3°58	3°57	20°23	n.a.	W20
T 21	1 51 42	29° 0'17	26°35	15°47	12°38	5°26	4°11	2°50	29°54	9°38	18° 1	3°58	3°54	20°30	n.a.	T 21
F 22	1 55 38	0♏ 1'22	8♌42	17°15	13°44	6°12	4° 9	2°47	29°52	9°36	18° 2	3°58	3°51	20°36	n.a.	F 22
S 23	1 59 35	1° 2'27	21° 5	18°40	14°49	6°58	4° 8	2°43	29°49	9°35	18° 3	3°57	3°48	20°43	n.a.	S 23
S 24	2 3 31	2° 3'30	3♍51	20° 0	15°55	7°44	4° 6	2°39	29°46	9°33	18° 5	3°54	3°44	20°50	n.a.	S 24
M25	2 7 28	3° 4'32	17° 3	21°17	17° 1	8°30	4° 5	2°36	29°44	9°31	18° 6	3°49	3°41	20°56	n.a.	M25
T 26	2 11 25	4° 5'33	0♎42	22°27	18° 7	9°16	4° 4	2°32	29°41	9°29	18° 6	3°41	3°38	21° 3	n.a.	T 26
W27	2 15 21	5° 6'33	14°50	23°32	19°14	10° 2	4° 3	2°28	29°39	9°28	18° 7	3°31	3°35	21°10	n.a.	W27
T 28	2 19 18	6° 7'31	29°21	24°29	20°21	10°48	4° 2	2°24	29°36	9°26	18° 8	3°19	3°32	21°16	n.a.	T 28
F 29	2 23 14	7° 8'29	14♏10	25°19	21°27	11°35	4° 2	2°20	29°33	9°24	18° 9	3° 7	3°28	21°23	n.a.	F 29
S 30	2 27 11	8♏ 9'24	29♏ 7	26♏ 1	22♍34	12♎21	4♓ 1	2♊16	29♈31	9♉23	18♌10	2♌55	3♌25	21♊30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3 s30	8 s55	5n 3	6 s43	1 s34	16n 4	1n36	4n25	0n28	11 s18	1 s40	21n28	0 s 2	11n52	0 s12	14n18	1 s 2	31n18	16n12	19n17	19n34	19n51		n.a.
S 2	3 55	13 29	4 55	7 26	1 38	15 49	1 41	4 6	0 28	11 20	1 40	21 27	0 2	11 51	0 12	14 18	1 2	31 18	16 12	19 19	19 35	19 52		n.a.
S 3	4 19	17 14	4 27	8 8	1 42	15 34	1 46	3 47	0 27	11 22	1 40	21 27	0 2	11 50	0 12	14 17	1 2	31 17	16 13	19 21	19 35	19 53		n.a.
M 4	4 44	19 56	3 43	8 51	1 45	15 18	1 50	3 28	0 26	11 24	1 39	21 27	0 2	11 49	0 12	14 17	1 2	31 17	16 13	19 22	19 36	19 54		n.a.
T 5	5 9	21 20	2 45	9 33	1 49	15 1	1 54	3 9	0 26	11 25	1 39	21 26	0 2	11 49	0 12	14 16	1 2	31 17	16 14	19 23	19 37	19 55		n.a.
W 6	5 33	21 23	1 38	10 14	1 52	14 44	1 58	2 50	0 25	11 27	1 39	21 26	0 1	11 48	0 12	14 16	1 2	31 17	16 14	19 23	19 38	19 57		n.a.
T 7	5 58	20 7	0 26	10 55	1 54	14 26	2 2	2 31	0 24	11 28	1 38	21 26	0 1	11 47	0 12	14 15	1 2	31 17	16 14	19 23	19 38	19 58		n.a.
F 8	6 22	17 41	0 s47	11 35	1 57	14 8	2 6	2 12	0 24	11 30	1 38	21 25	0 1	11 46	0 12	14 15	1 2	31 17	16 15	19 23	19 39	19 59		n.a.
S 9	6 46	14 19	1 55	12 15	1 58	13 49	2 9	1 52	0 23	11 31	1 38	21 25	0 1	11 45	0 12	14 14	1 2	31 17	16 15	19 23	19 40	20 0		n.a.
S 10	7 10	10 15	2 57	12 53	2 0	13 29	2 13	1 33	0 22	11 32	1 37	21 25	0 1	11 44	0 12	14 14	1 2	31 16	16 16	19 25	19 41	20 1		n.a.
M11	7 34	5 45	3 48	13 31	2 1	13 9	2 16	1 14	0 22	11 34	1 37	21 24	0 1	11 43	0 12	14 13	1 2	31 16	16 16	19 27	19 42	20 2		n.a.
T 12	7 58	1 3	4 26	14 8	2 1	12 49	2 19	0 55	0 21	11 35	1 37	21 24	0 1	11 42	0 12	14 13	1 2	31 16	16 17	19 29	19 42	20 4		n.a.
W13	8 22	3n37	4 51	14 43	2 1	12 28	2 21	0 35	0 20	11 36	1 36	21 23	0 1	11 41	0 12	14 12	1 2	31 16	16 17	19 32	19 43	20 5		n.a.
T 14	8 45	8 3	5 0	15 18	2 0	12 7	2 24	0 16	0 20	11 37	1 36	21 23	0 1	11 40	0 12	14 12	1 2	31 16	16 18	19 36	19 44	20 6		n.a.
F 15	9 9	12 6	4 56	15 51	1 59	11 45	2 26	0 s 3	0 19	11 38	1 36	21 22	0 1	11 40	0 12	14 11	1 2	31 16	16 18	19 39	19 45	20 7		n.a.
S 16	9 32	15 35	4 37	16 22	1 57	11 22	2 29	0 23	0 18	11 38	1 35	21 22	0 0	11 39	0 12	14 11	1 2	31 16	16 18	19 42	19 46	20 8		n.a.
S 17	9 55	18 23	4 7	16 52	1 54	11 0	2 31	0 42	0 18	11 39	1 35	21 21	0 0	11 38	0 12	14 10	1 2	31 16	16 19	19 45	19 46	20 9		n.a.
M18	10 18	20 22	3 26	17 21	1 51	10 37	2 33	1 1	0 17	11 40	1 34	21 21	0 0	11 37	0 12	14 10	1 2	31 16	16 19	19 47	19 47	20 10		n.a.
T 19	10 41	21 28	2 37	17 47	1 47	10 13	2 34	1 21	0 16	11 40	1 34	21 20	0 0	11 36	0 12	14 9	1 2	31 16	16 20	19 48	19 48	20 12		n.a.
W20	11 3	21 37	1 40	18 11	1 42	9 49	2 36	1 40	0 16	11 41	1 34	21 20	0 0	11 35	0 12	14 9	1 2	31 16	16 20	19 48	19 49	20 13		n.a.
T 21	11 25	20 48	0 39	18 33	1 36	9 25	2 37	1 59	0 15	11 41	1 33	21 19	0n 0	11 34	0 12	14 8	1 2	31 16	16 21	19 48	19 49	20 14		n.a.
F 22	11 48	19 0	0n25	18 52	1 29	9 0	2 39	2 19	0 14	11 42	1 33	21 18	0 0	11 33	0 12	14 8	1 2	31 16	16 21	19 48	19 50	20 15		n.a.
S 23	12 10	16 17	1 29	19 9	1 21	8 35	2 40	2 38	0 13	11 42	1 33	21 18	0 0	11 32	0 12	14 7	1 2	31 17	16 22	19 49	19 51	20 16		n.a.
S 24	12 31	12 43	2 31	19 23	1 12	8 10	2 41	2 57	0 13	11 42	1 32	21 17	0 0	11 31	0 12	14 6	1 2	31 17	16 22	19 49	19 52	20 17		n.a.
M25	12 53	8 25	3 27	19 35	1 2	7 44	2 42	3 17	0 12	11 42	1 32	21 16	0 0	11 30	0 12	14 6	1 2	31 17	16 23	19 51	19 52	20 18		n.a.
T 26	13 14	3 33	4 13	19 43	0 51	7 18	2 42	3 36	0 11	11 42	1 32	21 16	0 1	11 29	0 12	14 5	1 2	31 17	16 23	19 52	19 53	20 19		n.a.
W27	13 35	1 s39	4 45	19 48	0 38	6 52	2 43	3 55	0 11	11 42	1 31	21 15	0 1	11 28	0 12	14 5	1 2	31 17	16 24	19 55	19 54	20 21		n.a.
T 28	13 56	6 54	5 0	19 50	0 25	6 25	2 43	4 15	0 10	11 42	1 31	21 14	0 1	11 27	0 12	14 4	1 2	31 17	16 24	19 58	19 55	20 22		n.a.
F 29	14 17	11 51	4 55	19 48	0 11	5 58	2 44	4 34	0 9	11 42	1 30	21 14	0 1	11 26	0 12	14 4	1 2	31 17	16 25	20 1	19 55	20 23		n.a.
S 30	14 s37	16 s 8	4n30	19 s43	0n 5	5n31	2n44	4 s53	0n 8	11 s42	1 s30	21n13	0n 1	11n26	0 s12	14n 3	1 s 1	31n18	16n25	20n 3	19n56	20n24		n.a.

Julian Day Number = 194617.5, Delta T = 32h21m35s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°30'03, Lahiri = -61°23'02 Julian Calendar 1 Nov. 4181 BCE == Greg. Calendar 29 Sept. 4181 BCE

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ASTRODIENST EPHEMERIS for the year 4181 BCE
geocentric

DECEMBER 4181 BCE (-4180) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 31 7	9♏10'18	14♐ 3	26♏33	23♍42	13♎ 7	4°D 1	2°R12	29°R28	9°R21	18♌11	2°R46	3♌22	21♊37	n.a.	S 1
M 2	2 35 4	10°11'10	28°49	26°55	24°49	13°53	4♓ 2	2♊ 7	29♈26	9♉19	18°12	2♌40	3°19	21°43	n.a.	M 2
T 3	2 39 1	11°12'01	13♑21	27° 6	25°57	14°39	4° 2	2° 3	29°23	9°18	18°12	2°37	3°16	21°50	n.a.	T 3
W 4	2 42 57	12°12'49	27°33	27°R 7	27° 4	15°26	4° 3	1°59	29°21	9°16	18°13	2°D36	3°13	21°57	n.a.	W 4
T 5	2 46 54	13°13'36	11♒25	26°57	28°12	16°12	4° 3	1°54	29°18	9°14	18°14	2°R36	3° 9	22° 3	n.a.	T 5
F 6	2 50 50	14°14'20	24°59	26°36	29°20	16°58	4° 4	1°50	29°16	9°13	18°14	2°36	3° 6	22°10	n.a.	F 6
S 7	2 54 47	15°15'03	8♓15	26° 4	0♎28	17°44	4° 5	1°46	29°13	9°11	18°15	2°34	3° 3	22°17	n.a.	S 7
S 8	2 58 43	16°15'43	21°16	25°23	1°37	18°31	4° 7	1°41	29°11	9° 9	18°15	2°30	3° 0	22°23	n.a.	S 8
M 9	3 2 40	17°16'22	4♈ 5	24°33	2°45	19°17	4° 8	1°37	29° 8	9° 8	18°16	2°22	2°57	22°30	n.a.	M 9
T 10	3 6 37	18°16'58	16°42	23°36	3°54	20° 3	4°10	1°32	29° 6	9° 6	18°16	2°12	2°54	22°37	n.a.	T 10
W11	3 10 33	19°17'32	29°10	22°33	5° 2	20°50	4°12	1°27	29° 3	9° 4	18°17	2° 0	2°50	22°43	n.a.	W11
T 12	3 14 30	20°18'05	11♉28	21°26	6°11	21°36	4°14	1°23	29° 1	9° 3	18°17	1°46	2°47	22°50	n.a.	T 12
F 13	3 18 26	21°18'35	23°37	20°17	7°20	22°22	4°17	1°18	28°59	9° 1	18°18	1°33	2°44	22°57	n.a.	F 13
S 14	3 22 23	22°19'04	5♊38	19° 8	8°29	23° 9	4°19	1°13	28°56	8°59	18°18	1°21	2°41	23° 3	n.a.	S 14
S 15	3 26 19	23°19'31	17°33	18° 1	9°38	23°55	4°22	1° 9	28°54	8°58	18°18	1°11	2°38	23°10	n.a.	S 15
M16	3 30 16	24°19'56	29°23	16°56	10°48	24°41	4°25	1° 4	28°52	8°56	18°19	1° 3	2°34	23°17	n.a.	M16
T 17	3 34 13	25°20'20	11♋10	15°57	11°57	25°28	4°28	0°59	28°49	8°54	18°19	0°59	2°31	23°23	n.a.	T 17
W18	3 38 9	26°20'41	22°59	15° 2	13° 6	26°14	4°31	0°55	28°47	8°53	18°19	0°56	2°28	23°30	n.a.	W18
T 19	3 42 6	27°21'01	4♌54	14°14	14°16	27° 1	4°35	0°50	28°45	8°51	18°19	0°D56	2°25	23°37	n.a.	T 19
F 20	3 46 2	28°21'19	16°59	13°33	15°26	27°47	4°38	0°45	28°43	8°50	18°19	0°57	2°22	23°43	n.a.	F 20
S 21	3 49 59	29°21'35	29°19	13° 0	16°35	28°34	4°42	0°40	28°41	8°48	18°19	0°R57	2°19	23°50	n.a.	S 21
S 22	3 53 55	0♐21'49	12♍ 0	12°33	17°45	29°20	4°46	0°36	28°38	8°47	18°19	0°57	2°15	23°57	n.a.	S 22
M23	3 57 52	1°22'02	25° 7	12°14	18°55	0♏ 7	4°50	0°31	28°36	8°45	18°R19	0°54	2°12	24° 3	n.a.	M23
T 24	4 1 48	2°22'13	8♎42	12° 2	20° 5	0°53	4°55	0°26	28°34	8°43	18°19	0°49	2° 9	24°10	n.a.	T 24
W25	4 5 45	3°22'21	22°47	11°D58	21°15	1°40	4°59	0°21	28°32	8°42	18°19	0°42	2° 6	24°17	n.a.	W25
T 26	4 9 42	4°22'28	7♏21	11°59	22°25	2°26	5° 4	0°17	28°30	8°40	18°19	0°33	2° 3	24°23	n.a.	T 26
F 27	4 13 38	5°22'33	22°16	12° 8	23°35	3°13	5° 9	0°12	28°28	8°39	18°19	0°24	1°59	24°30	n.a.	F 27
S 28	4 17 35	6°22'36	7♐26	12°22	24°46	3°59	5°14	0° 7	28°26	8°37	18°19	0°16	1°56	24°37	n.a.	S 28
S 29	4 21 31	7°22'37	22°40	12°42	25°56	4°46	5°19	0° 2	28°25	8°36	18°19	0° 9	1°53	24°44	n.a.	S 29
M30	4 25 28	8°22'36	7♑47	13° 6	27° 6	5°32	5°25	29♉58	28°23	8°35	18°19	0° 5	1°50	24°50	n.a.	M30
T 31	4 29 24	9♐22'32	22♑38	13♏36	28♎17	6♏19	5♓30	29♉53	28♈21	8♉33	18♌18	0♌ 3	1♌47	24♊57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	14s57	19s23	3n47	19s35	0n21	5n 4	2n44	5s12	0n 8	11s42	1s30	21n12	0n 1	11n25	0s12	14n 3	1s 1	31n18	16n26	20n 5	19n57	20n25			n.a.
M 2	15 17	21 18	2 48	19 24	0 38	4 36	2 44	5 31	0 7	11 41	1 29	21 11	0 1	11 24	0 12	14 2	1 1	31 18	16 26	20 7	19 58	20 26			n.a.
T 3	15 37	21 46	1 40	19 9	0 56	4 9	2 44	5 50	0 6	11 41	1 29	21 11	0 1	11 23	0 12	14 2	1 1	31 18	16 27	20 8	19 59	20 27			n.a.
W 4	15 56	20 48	0 27	18 51	1 15	3 41	2 43	6 9	0 5	11 40	1 29	21 10	0 1	11 22	0 12	14 1	1 1	31 19	16 28	20 8	19 59	20 28			n.a.
T 5	16 15	18 35	0s47	18 31	1 33	3 13	2 43	6 28	0 5	11 40	1 28	21 9	0 2	11 21	0 12	14 1	1 1	31 19	16 28	20 8	20 0	20 29			n.a.
F 6	16 34	15 22	1 56	18 8	1 52	2 44	2 42	6 47	0 4	11 39	1 28	21 8	0 2	11 20	0 12	14 0	1 1	31 19	16 29	20 8	20 1	20 30			n.a.
S 7	16 52	11 26	2 57	17 42	2 10	2 16	2 41	7 6	0 3	11 38	1 27	21 7	0 2	11 19	0 12	13 59	1 1	31 19	16 29	20 8	20 2	20 31			n.a.
S 8	17 10	7 1	3 48	17 15	2 28	1 47	2 41	7 25	0 2	11 37	1 27	21 7	0 2	11 18	0 12	13 59	1 1	31 20	16 30	20 9	20 2	20 32			n.a.
M 9	17 28	2 23	4 26	16 47	2 45	1 18	2 40	7 44	0 1	11 36	1 27	21 6	0 2	11 17	0 12	13 58	1 1	31 20	16 30	20 11	20 3	20 33			n.a.
T 10	17 45	2n18	4 50	16 18	3 0	0 49	2 39	8 3	0 1	11 35	1 26	21 5	0 2	11 17	0 12	13 58	1 1	31 20	16 31	20 14	20 4	20 34			n.a.
W11	18 2	6 49	5 1	15 49	3 14	0 20	2 37	8 21	0s 0	11 34	1 26	21 4	0 2	11 16	0 12	13 57	1 1	31 21	16 31	20 16	20 5	20 36			n.a.
T 12	18 19	11 0	4 57	15 20	3 25	0s 9	2 36	8 40	0 1	11 33	1 26	21 3	0 2	11 15	0 12	13 57	1 1	31 21	16 32	20 19	20 5	20 37			n.a.
F 13	18 36	14 42	4 40	14 52	3 35	0 38	2 35	8 58	0 2	11 32	1 25	21 2	0 2	11 14	0 12	13 56	1 1	31 21	16 32	20 23	20 6	20 38			n.a.
S 14	18 52	17 45	4 10	14 26	3 43	1 7	2 33	9 17	0 2	11 31	1 25	21 1	0 3	11 13	0 12	13 56	1 1	31 22	16 33	20 25	20 7	20 39			n.a.
S 15	19 8	20 2	3 29	14 2	3 48	1 36	2 32	9 35	0 3	11 29	1 24	21 1	0 3	11 12	0 12	13 55	1 1	31 22	16 33	20 28	20 8	20 40			n.a.
M16	19 23	21 27	2 40	13 41	3 51	2 6	2 30	9 53	0 4	11 28	1 24	21 0	0 3	11 12	0 12	13 55	1 1	31 23	16 34	20 29	20 8	20 41			n.a.
T 17	19 38	21 55	1 43	13 22	3 52	2 35	2 29	10 12	0 5	11 26	1 24	20 59	0 3	11 11	0 12	13 54	1 1	31 23	16 34	20 30	20 9	20 42			n.a.
W18	19 53	21 24	0 42	13 8	3 51	3 4	2 27	10 30	0 6	11 25	1 23	20 58	0 3	11 10	0 12	13 54	1 1	31 24	16 35	20 31	20 10	20 43			n.a.
T 19	20 7	19 55	0n21	12 56	3 48	3 34	2 25	10 48	0 6	11 23	1 23	20 57	0 3	11 9	0 12	13 53	1 1	31 24	16 35	20 31	20 11	20 44			n.a.
F 20	20 21	17 32	1 25	12 48	3 44	4 3	2 23	11 6	0 7	11 21	1 23	20 56	0 3	11 8	0 12	13 53	1 1	31 24	16 36	20 31	20 11	20 45			n.a.
S 21	20 35	14 18	2 26	12 43	3 38	4 32	2 21	11 23	0 8	11 19	1 22	20 55	0 3	11 8	0 12	13 52	1 1	31 25	16 37	20 31	20 12	20 46			n.a.
S 22	20 48	10 20	3 21	12 42	3 31	5 2	2 19	11 41	0 9	11 18	1 22	20 54	0 3	11 7	0 12	13 52	1 1	31 25	16 37	20 31	20 13	20 47			n.a.
M23	21 1	5 46	4 8	12 44	3 23	5 31	2 17	11 59	0 10	11 16	1 22	20 53	0 3	11 6	0 12	13 51	1 1	31 26	16 38	20 31	20 13	20 48			n.a.
T 24	21 13	0 47	4 43	12 48	3 14	6 0	2 14	12 16	0 10	11 14	1 21	20 52	0 4	11 5	0 12	13 51	1 1	31 26	16 38	20 32	20 14	20 49			n.a.
W25	21 25	4s26	5 3	12 56	3 4	6 29	2 12	12 34	0 11	11 12	1 21	20 51	0 4	11 5	0 12	13 50	1 1	31 27	16 39	20 34	20 15	20 50			n.a.
T 26	21 37	9 35	5 3	13 6	2 54	6 58	2 10	12 51	0 12	11 10	1 20	20 51	0 4	11 4	0 11	13 50	1 1	31 27	16 39	20 36	20 16	20 51			n.a.
F 27	21 48	14 17	4 44	13 19	2 44	7 27	2 7	13 8	0 13	11 7	1 20	20 50	0 4	11 3	0 11	13 49	1 1	31 28	16 40	20 38	20 16	20 52			n.a.
S 28	21 59	18 9	4 4	13 34	2 33	7 56	2 5	13 25	0 14	11 5	1 20	20 49	0 4	11 3	0 11	13 49	1 1	31 28	16 40	20 40	20 17	20 53			n.a.
S 29	22 9	20 47	3 7	13 50	2 22	8 24	2 2	13 42	0 15	11 3	1 19	20 48	0 4	11 2	0 11	13 49	1 1	31 29	16 41	20 41	20 18	20 54			n.a.
M30	22 19	21 56	1 57	14 8	2 11	8 53	1 59	13 59	0 15	11 0	1 19	20 47	0 4	11 1	0 11	13 48	1 1	31 30	16 41	20 42	20 19	20 55			n.a.
T 31	22s29	21s30	0n40	14s28	1n59	9s21	1n57	14s15	0s16	10s58	1s19	20n46	0n 4	11n 1	0s11	13n48	1s 1	31n30	16n42	20n43	20n19	20n56			n.a.

Julian Day Number = 194647.5, Delta T = 32h21m31s
Ecliptic obliquity = 24°06'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'59, Lahiri = -61°22'58 Julian Calendar 1 Dec. 4181 BCE == Greg. Calendar 29 Oct. 4181 BCE

The year -4180 astronomical counting style corresponds to year 4181 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

JANUARY 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 33 21	10♐22'26	7♒ 8	14♏11	29♎27	7♏ 5	5♓36	29°R48	28°R19	8°R32	18°R18	0°D 3	1♌44	25♊ 4	n.a.	W 1
T 2	4 37 17	11°22'17	21°13	14°49	0♏38	7°52	5°42	29♉44	28♈18	8♉30	18♌18	0♌ 4	1°40	25°10	n.a.	T 2
F 3	4 41 14	12°22'05	4♓53	15°32	1°48	8°38	5°48	29°39	28°16	8°29	18°17	0° 5	1°37	25°17	n.a.	F 3
S 4	4 45 11	13°21'51	18°11	16°18	2°59	9°25	5°54	29°34	28°14	8°28	18°17	0°R 5	1°34	25°24	n.a.	S 4
S 5	4 49 7	14°21'35	1♈ 8	17° 8	4°10	10°11	6° 1	29°30	28°13	8°26	18°16	0° 4	1°31	25°30	n.a.	S 5
M 6	4 53 4	15°21'16	13°48	18° 1	5°20	10°58	6° 7	29°25	28°11	8°25	18°16	0° 0	1°28	25°37	n.a.	M 6
T 7	4 57 0	16°20'54	26°13	18°57	6°31	11°44	6°14	29°21	28°10	8°24	18°15	29♋55	1°25	25°44	n.a.	T 7
W 8	5 0 57	17°20'30	8♉28	19°56	7°42	12°31	6°21	29°17	28° 8	8°23	18°15	29°48	1°21	25°50	n.a.	W 8
T 9	5 4 53	18°20'04	20°33	20°57	8°53	13°17	6°28	29°12	28° 7	8°21	18°14	29°40	1°18	25°57	n.a.	T 9
F 10	5 8 50	19°19'35	2♊32	22° 1	10° 4	14° 4	6°35	29° 8	28° 5	8°20	18°14	29°32	1°15	26° 4	n.a.	F 10
S 11	5 12 46	20°19'04	14°26	23° 7	11°15	14°50	6°43	29° 4	28° 4	8°19	18°13	29°25	1°12	26°10	n.a.	S 11
S 12	5 16 43	21°18'30	26°16	24°16	12°26	15°37	6°50	28°59	28° 3	8°18	18°12	29°19	1° 9	26°17	n.a.	S 12
M13	5 20 39	22°17'55	8♋ 5	25°26	13°37	16°23	6°58	28°55	28° 2	8°17	18°12	29°15	1° 5	26°24	n.a.	M13
T 14	5 24 36	23°17'17	19°54	26°39	14°48	17°10	7° 5	28°51	28° 0	8°16	18°11	29°13	1° 2	26°30	n.a.	T 14
W15	5 28 33	24°16'37	1♌47	27°54	15°59	17°56	7°13	28°47	27°59	8°15	18°10	29°D13	0°59	26°37	n.a.	W15
T 16	5 32 29	25°15'55	13°45	29°10	17°10	18°43	7°21	28°43	27°58	8°14	18° 9	29°13	0°56	26°44	n.a.	T 16
F 17	5 36 26	26°15'10	25°54	0♐28	18°21	19°29	7°29	28°39	27°57	8°13	18° 8	29°15	0°53	26°50	n.a.	F 17
S 18	5 40 22	27°14'24	8♍16	1°48	19°32	20°15	7°38	28°35	27°56	8°12	18° 8	29°17	0°50	26°57	n.a.	S 18
S 19	5 44 19	28°13'35	20°56	3°10	20°43	21° 2	7°46	28°31	27°55	8°11	18° 7	29°18	0°46	27° 4	n.a.	S 19
M20	5 48 15	29°12'45	3♎58	4°33	21°55	21°48	7°54	28°27	27°54	8°10	18° 6	29°R18	0°43	27°10	n.a.	M20
T 21	5 52 12	0♏11'52	17°26	5°58	23° 6	22°35	8° 3	28°24	27°53	8° 9	18° 5	29°17	0°40	27°17	n.a.	T 21
W22	5 56 8	1°10'57	1♏21	7°24	24°17	23°21	8°12	28°20	27°53	8° 8	18° 4	29°15	0°37	27°24	n.a.	W22
T 23	6 0 5	2°10'01	15°44	8°52	25°29	24° 7	8°21	28°17	27°52	8° 7	18° 3	29°11	0°34	27°30	n.a.	T 23
F 24	6 4 1	3° 9'02	0♐30	10°22	26°40	24°54	8°30	28°13	27°51	8° 6	18° 2	29° 8	0°31	27°37	n.a.	F 24
S 25	6 7 58	4° 8'02	15°34	11°53	27°51	25°40	8°39	28°10	27°51	8° 5	18° 1	29° 4	0°27	27°44	n.a.	S 25
S 26	6 11 54	5° 6'59	0♑47	13°25	29° 3	26°26	8°48	28° 6	27°50	8° 5	18° 0	29° 1	0°24	27°50	n.a.	S 26
M27	6 15 51	6° 5'54	16° 0	14°59	0♐14	27°13	8°58	28° 3	27°50	8° 4	17°59	29° 0	0°21	27°57	n.a.	M27
T 28	6 19 47	7° 4'47	1♒ 1	16°35	1°26	27°59	9° 7	28° 0	27°49	8° 3	17°58	28°D59	0°18	28° 4	n.a.	T 28
W29	6 23 44	8° 3'37	15°44	18°12	2°37	28°45	9°17	27°57	27°49	8° 2	17°56	29° 0	0°15	28°10	n.a.	W29
T 30	6 27 41	9° 2'25	0♓ 3	19°50	3°49	29°31	9°26	27°54	27°48	8° 2	17°55	29° 1	0°11	28°17	n.a.	T 30
F 31	6 31 37	10♑ 1'11	13♓55	21♐30	5♐ 0	0♐18	9♓36	27♉51	27♈48	8♉ 1	17♌54	29♋ 3	0♌ 8	28♊24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	22s38	19s37	0s38	14s50	1n48	9s49	1n54	14s32	0s17	10s56	1s18	20n45	0n 4	11n 0	0s11	13n47	1s 1	31n31	16n42	20n43	20n20	20n57			n.a.
T 2	22 46	16 35	1 52	15 12	1 37	10 17	1 51	14 48	0 18	10 53	1 18	20 44	0 5	10 59	0 11	13 47	1 1	31 31	16 43	20 42	20 21	20 58			n.a.
F 3	22 55	12 43	2 57	15 35	1 26	10 45	1 48	15 4	0 19	10 50	1 18	20 43	0 5	10 59	0 11	13 46	1 1	31 32	16 43	20 42	20 22	20 58			n.a.
S 4	23 3	8 19	3 50	15 59	1 15	11 12	1 45	15 20	0 19	10 48	1 17	20 42	0 5	10 58	0 11	13 46	1 1	31 32	16 44	20 42	20 22	20 59			n.a.
S 5	23 10	3 39	4 31	16 24	1 4	11 40	1 42	15 36	0 20	10 45	1 17	20 41	0 5	10 58	0 11	13 46	1 1	31 33	16 44	20 42	20 23	21 0			n.a.
M 6	23 17	1n 3	4 57	16 50	0 53	12 7	1 39	15 52	0 21	10 42	1 17	20 40	0 5	10 57	0 11	13 45	1 1	31 34	16 45	20 43	20 24	21 1			n.a.
T 7	23 23	5 38	5 8	17 16	0 43	12 33	1 36	16 8	0 22	10 39	1 16	20 40	0 5	10 57	0 11	13 45	1 1	31 34	16 45	20 44	20 24	21 2			n.a.
W 8	23 29	9 55	5 5	17 42	0 33	13 0	1 33	16 23	0 23	10 36	1 16	20 39	0 5	10 56	0 11	13 44	1 1	31 35	16 46	20 46	20 25	21 3			n.a.
T 9	23 35	13 45	4 49	18 8	0 22	13 26	1 30	16 39	0 24	10 33	1 16	20 38	0 5	10 56	0 11	13 44	1 0	31 36	16 46	20 48	20 26	21 4			n.a.
F 10	23 40	17 1	4 20	18 35	0 13	13 52	1 27	16 54	0 24	10 30	1 16	20 37	0 5	10 55	0 11	13 44	1 0	31 36	16 47	20 49	20 27	21 5			n.a.
S 11	23 45	19 33	3 39	19 1	0 3	14 18	1 24	17 9	0 25	10 27	1 15	20 36	0 5	10 55	0 11	13 43	1 0	31 37	16 47	20 51	20 27	21 6			n.a.
S 12	23 49	21 14	2 50	19 28	0s 6	14 43	1 21	17 23	0 26	10 24	1 15	20 35	0 6	10 54	0 11	13 43	1 0	31 38	16 48	20 52	20 28	21 7			n.a.
M13	23 53	21 59	1 53	19 54	0 15	15 8	1 18	17 38	0 27	10 21	1 15	20 34	0 6	10 54	0 11	13 43	1 0	31 38	16 48	20 53	20 29	21 8			n.a.
T 14	23 56	21 45	0 51	20 20	0 24	15 33	1 15	17 53	0 28	10 18	1 14	20 34	0 6	10 53	0 11	13 42	1 0	31 39	16 48	20 53	20 29	21 9			n.a.
W15	23 59	20 33	0n14	20 46	0 32	15 57	1 11	18 7	0 29	10 15	1 14	20 33	0 6	10 53	0 11	13 42	1 0	31 40	16 49	20 53	20 30	21 10			n.a.
T 16	24 1	18 25	1 19	21 11	0 40	16 21	1 8	18 21	0 29	10 11	1 14	20 32	0 6	10 53	0 11	13 42	1 0	31 40	16 49	20 53	20 31	21 11			n.a.
F 17	24 3	15 27	2 21	21 36	0 48	16 44	1 5	18 35	0 30	10 8	1 13	20 31	0 6	10 52	0 11	13 41	1 0	31 41	16 50	20 53	20 32	21 11			n.a.
S 18	24 5	11 45	3 18	22 1	0 56	17 7	1 2	18 48	0 31	10 4	1 13	20 30	0 6	10 52	0 11	13 41	1 0	31 42	16 50	20 53	20 32	21 12			n.a.
S 19	24 6	7 27	4 6	22 24	1 3	17 30	0 58	19 2	0 32	10 1	1 13	20 30	0 6	10 51	0 11	13 41	1 0	31 42	16 51	20 52	20 33	21 13			n.a.
M20	24 6	2 42	4 44	22 47	1 9	17 52	0 55	19 15	0 33	9 57	1 13	20 29	0 6	10 51	0 11	13 41	1 0	31 43	16 51	20 52	20 34	21 14			n.a.
T 21	24 7	2s19	5 7	23 9	1 16	18 14	0 52	19 28	0 34	9 54	1 12	20 28	0 6	10 51	0 11	13 40	1 0	31 44	16 51	20 53	20 34	21 15			n.a.
W22	24 6	7 23	5 14	23 30	1 22	18 35	0 49	19 41	0 34	9 50	1 12	20 27	0 7	10 51	0 11	13 40	1 0	31 44	16 52	20 53	20 35	21 16			n.a.
T 23	24 6	12 13	5 1	23 51	1 28	18 56	0 45	19 54	0 35	9 46	1 12	20 27	0 7	10 50	0 11	13 40	1 0	31 45	16 52	20 54	20 36	21 17			n.a.
F 24	24 4	16 27	4 28	24 10	1 33	19 17	0 42	20 7	0 36	9 43	1 11	20 26	0 7	10 50	0 11	13 40	1 0	31 46	16 53	20 55	20 37	21 18			n.a.
S 25	24 3	19 43	3 37	24 28	1 38	19 37	0 39	20 19	0 37	9 39	1 11	20 25	0 7	10 50	0 11	13 39	1 0	31 47	16 53	20 55	20 37	21 18			n.a.
S 26	24 1	21 37	2 29	24 45	1 42	19 56	0 35	20 31	0 38	9 35	1 11	20 24	0 7	10 50	0 11	13 39	1 0	31 47	16 53	20 56	20 38	21 19			n.a.
M27	23 58	21 57	1 11	25 0	1 46	20 15	0 32	20 43	0 39	9 31	1 11	20 24	0 7	10 50	0 11	13 39	1 0	31 48	16 54	20 56	20 39	21 20			n.a.
T 28	23 55	20 41	0s11	25 14	1 50	20 33	0 29	20 54	0 39	9 27	1 10	20 23	0 7	10 49	0 11	13 39	1 0	31 49	16 54	20 56	20 39	21 21			n.a.
W29	23 51	18 1	1 31	25 27	1 53	20 51	0 26	21 6	0 40	9 23	1 10	20 23	0 7	10 49	0 11	13 39	1 0	31 49	16 54	20 56	20 40	21 22			n.a.
T 30	23 48	14 18	2 43	25 39	1 56	21 8	0 22	21 17	0 41	9 19	1 10	20 22	0 7	10 49	0 11	13 38	1 0	31 50	16 55	20 56	20 41	21 23			n.a.
F 31	23s43	9s55	3s43	25s48	1s59	21s25	0n19	21s28	0s42	9s15	1s10	20n21	0n 7	10n49	0s11	13n38	1s 0	31n51	16n55	20n56	20n41	21n24			n.a.

Julian Day Number = 194678.5, Delta T = 32h21m28s
Ecliptic obliquity = 24°06'50, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'55, Lahiri = -61°22'54 Julian Calendar 1 Jan. 4180 BCE == Greg. Calendar 29 Nov. 4181 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

FEBRUARY 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 35 34	10♉59'53	27♓21	23♐11	6♐12	1♐ 4	9♓46	27°R48	27°R48	8°R 1	17°R53	29♋ 4	0♌ 5	28♊30	n.a.	S 1
S 2	6 39 30	11°58'33	10♈23	24°53	7°23	1°50	9°56	27♉45	27♈48	8♉ 0	17♌51	29°R 4	0° 2	28°37	n.a.	S 2
M 3	6 43 27	12°57'11	23° 3	26°38	8°35	2°36	10° 6	27°43	27°47	7°59	17°50	29° 4	29♋59	28°44	n.a.	M 3
T 4	6 47 23	13°55'47	5♉25	28°23	9°47	3°22	10°17	27°40	27°47	7°59	17°49	29° 3	29°56	28°50	n.a.	T 4
W 5	6 51 20	14°54'20	17°34	0♉10	10°58	4° 8	10°27	27°38	27°D47	7°59	17°48	29° 1	29°52	28°57	n.a.	W 5
T 6	6 55 16	15°52'50	29°33	1°59	12°10	4°54	10°37	27°35	27°47	7°58	17°46	28°59	29°49	29° 4	n.a.	T 6
F 7	6 59 13	16°51'18	11♊26	3°49	13°22	5°40	10°48	27°33	27°47	7°58	17°45	28°58	29°46	29°10	n.a.	F 7
S 8	7 3 9	17°49'45	23°15	5°41	14°33	6°26	10°58	27°31	27°47	7°57	17°44	28°56	29°43	29°17	n.a.	S 8
S 9	7 7 6	18°48'08	5♋ 4	7°34	15°45	7°12	11° 9	27°29	27°48	7°57	17°42	28°55	29°40	29°24	n.a.	S 9
M10	7 11 2	19°46'30	16°54	9°29	16°57	7°58	11°20	27°27	27°48	7°57	17°41	28°54	29°37	29°30	n.a.	M10
T 11	7 14 59	20°44'49	28°49	11°25	18° 8	8°44	11°31	27°25	27°48	7°56	17°39	28°D54	29°33	29°37	n.a.	T 11
W12	7 18 55	21°43'07	10♌49	13°23	19°20	9°30	11°42	27°23	27°48	7°56	17°38	28°54	29°30	29°44	n.a.	W12
T 13	7 22 52	22°41'22	22°58	15°22	20°32	10°16	11°53	27°21	27°49	7°56	17°36	28°54	29°27	29°50	n.a.	T 13
F 14	7 26 49	23°39'36	5♍17	17°22	21°44	11° 2	12° 4	27°19	27°49	7°56	17°35	28°55	29°24	29°57	n.a.	F 14
S 15	7 30 45	24°37'48	17°48	19°24	22°56	11°48	12°15	27°18	27°50	7°56	17°33	28°55	29°21	0♋ 4	n.a.	S 15
S 16	7 34 42	25°35'57	0♎36	21°28	24° 7	12°33	12°27	27°16	27°50	7°56	17°32	28°56	29°17	0°10	n.a.	S 16
M17	7 38 38	26°34'05	13°41	23°32	25°19	13°19	12°38	27°15	27°51	7°55	17°30	28°56	29°14	0°17	n.a.	M17
T 18	7 42 35	27°32'12	27° 6	25°38	26°31	14° 5	12°49	27°14	27°52	7°55	17°29	28°R56	29°11	0°24	n.a.	T 18
W19	7 46 31	28°30'17	10♏53	27°44	27°43	14°51	13° 1	27°13	27°52	7°D55	17°27	28°D56	29° 8	0°30	n.a.	W19
T 20	7 50 28	29°28'20	25° 2	29°51	28°55	15°36	13°13	27°12	27°53	7°55	17°26	28°56	29° 5	0°37	n.a.	T 20
F 21	7 54 24	0♒26'22	9♐31	1♒59	0♉ 7	16°22	13°24	27°11	27°54	7°55	17°24	28°56	29° 2	0°44	n.a.	F 21
S 22	7 58 21	1°24'22	24°17	4° 7	1°19	17° 7	13°36	27°10	27°55	7°56	17°22	28°56	28°58	0°50	n.a.	S 22
S 23	8 2 17	2°22'20	9♉14	6°16	2°31	17°53	13°48	27° 9	27°56	7°56	17°21	28°57	28°55	0°57	n.a.	S 23
M24	8 6 14	3°20'17	24°14	8°24	3°43	18°38	14° 0	27° 9	27°57	7°56	17°19	28°R57	28°52	1° 4	n.a.	M24
T 25	8 10 10	4°18'12	9♒10	10°32	4°55	19°24	14°12	27° 8	27°58	7°56	17°18	28°57	28°49	1°10	n.a.	T 25
W26	8 14 7	5°16'05	23°53	12°39	6° 7	20° 9	14°24	27° 8	27°59	7°56	17°16	28°56	28°46	1°17	n.a.	W26
T 27	8 18 3	6°13'56	8♓16	14°45	7°19	20°55	14°36	27° 7	28° 0	7°57	17°14	28°56	28°43	1°24	n.a.	T 27
F 28	8 22 0	7♒11'45	22♓15	16♒50	8♉31	21♐40	14♓48	27♉ 7	28♈ 1	7♉57	17♌13	28♋55	28♋39	1♋30	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s38	5s11	4s29	25s56	2s 1	21s41	0n16	21s39	0s43	9s11	1s 9	20n21	0n 7	10n49	0s11	13n38	1s 0	31n52	16n55	20n55	20n42	21n24		n.a.
S 2	23 33	0 21	5 0	26 3	2 2	21 57	0 13	21 49	0 44	9 7	1 9	20 20	0 8	10 49	0 11	13 38	1 0	31 52	16 56	20 55	20 43	21 25		n.a.
M 3	23 28	4n21	5 15	26 7	2 3	22 12	0 10	21 59	0 44	9 3	1 9	20 20	0 8	10 49	0 11	13 38	0 59	31 53	16 56	20 55	20 44	21 26		n.a.
T 4	23 22	8 46	5 14	26 10	2 3	22 26	0 7	22 10	0 45	8 59	1 9	20 19	0 8	10 49	0 11	13 38	0 59	31 54	16 56	20 56	20 44	21 27		n.a.
W 5	23 15	12 45	5 0	26 10	2 3	22 40	0 4	22 19	0 46	8 54	1 8	20 19	0 8	10 49	0 11	13 38	0 59	31 55	16 57	20 56	20 45	21 28		n.a.
T 6	23 8	16 11	4 33	26 9	2 3	22 53	0 0	22 29	0 47	8 50	1 8	20 18	0 8	10 49	0 11	13 37	0 59	31 55	16 57	20 56	20 46	21 28		n.a.
F 7	23 1	18 56	3 54	26 5	2 2	23 5	0s 3	22 38	0 48	8 46	1 8	20 18	0 8	10 49	0 11	13 37	0 59	31 56	16 57	20 57	20 46	21 29		n.a.
S 8	22 53	20 51	3 5	25 59	2 0	23 17	0 6	22 47	0 48	8 41	1 8	20 17	0 8	10 49	0 11	13 37	0 59	31 57	16 58	20 57	20 47	21 30		n.a.
S 9	22 45	21 52	2 8	25 51	1 58	23 28	0 9	22 56	0 49	8 37	1 7	20 17	0 8	10 49	0 11	13 37	0 59	31 57	16 58	20 57	20 48	21 31		n.a.
M10	22 36	21 55	1 6	25 41	1 55	23 39	0 12	23 5	0 50	8 33	1 7	20 17	0 8	10 49	0 11	13 37	0 59	31 58	16 58	20 57	20 48	21 32		n.a.
T 11	22 28	20 58	0 0	25 28	1 52	23 48	0 14	23 13	0 51	8 28	1 7	20 16	0 8	10 49	0 11	13 37	0 59	31 59	16 58	20 58	20 49	21 32		n.a.
W12	22 18	19 4	1n 6	25 13	1 48	23 58	0 17	23 21	0 52	8 24	1 7	20 16	0 8	10 49	0 11	13 37	0 59	32 0	16 59	20 57	20 50	21 33		n.a.
T 13	22 8	16 17	2 10	24 55	1 43	24 6	0 20	23 29	0 52	8 19	1 6	20 16	0 9	10 50	0 11	13 37	0 59	32 0	16 59	20 57	20 50	21 34		n.a.
F 14	21 58	12 45	3 9	24 34	1 38	24 14	0 23	23 36	0 53	8 14	1 6	20 15	0 9	10 50	0 10	13 37	0 59	32 1	16 59	20 57	20 51	21 35		n.a.
S 15	21 48	8 36	4 0	24 12	1 33	24 21	0 26	23 44	0 54	8 10	1 6	20 15	0 9	10 50	0 10	13 37	0 59	32 2	16 59	20 57	20 52	21 36		n.a.
S 16	21 37	4 1	4 40	23 46	1 26	24 27	0 28	23 51	0 55	8 5	1 6	20 15	0 9	10 50	0 10	13 37	0 59	32 2	16 59	20 57	20 52	21 36		n.a.
M17	21 26	0s51	5 7	23 18	1 20	24 33	0 31	23 57	0 56	8 0	1 5	20 14	0 9	10 50	0 10	13 37	0 59	32 3	17 0	20 57	20 53	21 37		n.a.
T 18	21 14	5 48	5 18	22 48	1 12	24 38	0 34	24 4	0 56	7 56	1 5	20 14	0 9	10 51	0 10	13 37	0 59	32 4	17 0	20 57	20 54	21 38		n.a.
W19	21 2	10 36	5 11	22 15	1 4	24 42	0 36	24 10	0 57	7 51	1 5	20 14	0 9	10 51	0 10	13 37	0 59	32 5	17 0	20 57	20 54	21 39		n.a.
T 20	20 50	14 57	4 46	21 40	0 56	24 45	0 39	24 16	0 58	7 46	1 5	20 14	0 9	10 51	0 10	13 37	0 59	32 5	17 0	20 57	20 55	21 39		n.a.
F 21	20 37	18 31	4 2	21 2	0 47	24 48	0 41	24 22	0 59	7 41	1 5	20 14	0 9	10 52	0 10	13 37	0 59	32 6	17 0	20 57	20 56	21 40		n.a.
S 22	20 24	20 58	3 1	20 23	0 38	24 50	0 44	24 27	0 59	7 37	1 4	20 14	0 9	10 52	0 10	13 37	0 59	32 7	17 0	20 57	20 57	21 41		n.a.
S 23	20 11	22 0	1 47	19 41	0 28	24 52	0 46	24 33	1 0	7 32	1 4	20 14	0 9	10 52	0 10	13 37	0 59	32 7	17 0	20 57	20 57	21 42		n.a.
M24	19 57	21 27	0 26	18 57	0 18	24 52	0 49	24 37	1 1	7 27	1 4	20 14	0 9	10 53	0 10	13 38	0 59	32 8	17 1	20 57	20 58	21 42		n.a.
T 25	19 43	19 22	0s57	18 12	0 7	24 52	0 51	24 42	1 2	7 22	1 4	20 13	0 10	10 53	0 10	13 38	0 58	32 9	17 1	20 57	20 59	21 43		n.a.
W26	19 29	16 2	2 14	17 26	0n 4	24 51	0 53	24 47	1 2	7 17	1 4	20 13	0 10	10 53	0 10	13 38	0 58	32 9	17 1	20 57	20 59	21 44		n.a.
T 27	19 14	11 48	3 22	16 38	0 15	24 49	0 55	24 51	1 3	7 12	1 3	20 13	0 10	10 54	0 10	13 38	0 58	32 10	17 1	20 57	21 0	21 44		n.a.
F 28	18s59	7s 2	4s15	15s50	0n26	24s47	0s57	24s54	1s 4	7s 7	1s 3	20n13	0n10	10n54	0s10	13n38	0s58	32n10	17n 1	20n57	21n 1	21n45		n.a.

Julian Day Number = 194709.5, Delta T = 32h21m25s
Ecliptic obliquity = 24°06'50, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'51, Lahiri = -61°22'50 Julian Calendar 1 Feb. 4180 BCE == Greg. Calendar 30 Dec. 4181 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

MARCH 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	⚷	Day
S 1	8 25 57	8♒ 9'32	5♈48	18♒53	9♑43	22♐25	15♓ 0	27°R 7	28♈ 2	7♉57	17°R11	28°R54	28♋36	1♋37	n.a.		S 1
S 2	8 29 53	9° 7'17	18°56	20°55	10°55	23°10	15°13	27°D 7	28° 3	7°57	17♎ 9	28♋53	28°33	1°44	n.a.		S 2
M 3	8 33 50	10° 5'01	1♉40	22°54	12° 8	23°56	15°25	27♉ 7	28° 5	7°58	17° 8	28°52	28°30	1°50	n.a.		M 3
T 4	8 37 46	11° 2'42	14° 5	24°51	13°20	24°41	15°37	27° 7	28° 6	7°58	17° 6	28°D52	28°27	1°57	n.a.		T 4
W 5	8 41 43	12° 0'21	26°13	26°45	14°32	25°26	15°50	27° 8	28° 7	7°59	17° 4	28°52	28°23	2° 4	n.a.		W 5
T 6	8 45 39	12°57'59	8♊11	28°36	15°44	26°11	16° 2	27° 8	28° 9	7°59	17° 3	28°53	28°20	2°10	n.a.		T 6
F 7	8 49 36	13°55'35	20° 1	0♓24	16°56	26°56	16°15	27° 8	28°10	8° 0	17° 1	28°55	28°17	2°17	n.a.		F 7
S 8	8 53 32	14°53'09	1♋49	2°10	18° 8	27°41	16°27	27° 9	28°12	8° 0	16°59	28°56	28°14	2°24	n.a.		S 8
S 9	8 57 29	15°50'42	13°39	3°52	19°21	28°26	16°40	27°10	28°14	8° 1	16°58	28°57	28°11	2°30	n.a.		S 9
M10	9 1 25	16°48'13	25°34	5°30	20°33	29°11	16°53	27°11	28°15	8° 1	16°56	28°R58	28° 8	2°37	n.a.		M10
T 11	9 5 22	17°45'42	7♌36	7° 6	21°45	29°55	17° 5	27°12	28°17	8° 2	16°54	28°58	28° 4	2°44	n.a.		T 11
W12	9 9 18	18°43'10	19°48	8°37	22°57	0♑40	17°18	27°13	28°19	8° 3	16°53	28°56	28° 1	2°50	n.a.		W12
T 13	9 13 15	19°40'36	2♍11	10° 6	24°10	1°25	17°31	27°14	28°20	8° 3	16°51	28°54	27°58	2°57	n.a.		T 13
F 14	9 17 12	20°38'01	14°47	11°30	25°22	2° 9	17°44	27°15	28°22	8° 4	16°49	28°51	27°55	3° 4	n.a.		F 14
S 15	9 21 8	21°35'25	27°36	12°51	26°34	2°54	17°57	27°16	28°24	8° 5	16°48	28°48	27°52	3°10	n.a.		S 15
S 16	9 25 5	22°32'47	10♎40	14° 8	27°47	3°39	18°10	27°18	28°26	8° 6	16°46	28°45	27°48	3°17	n.a.		S 16
M17	9 29 1	23°30'09	23°57	15°22	28°59	4°23	18°23	27°19	28°28	8° 7	16°44	28°42	27°45	3°24	n.a.		M17
T 18	9 32 58	24°27'30	7♏29	16°31	0♒12	5° 8	18°36	27°21	28°30	8° 7	16°42	28°40	27°42	3°30	n.a.		T 18
W19	9 36 54	25°24'49	21°16	17°37	1°24	5°52	18°49	27°22	28°32	8° 8	16°41	28°D39	27°39	3°37	n.a.		W19
T 20	9 40 51	26°22'08	5♐17	18°39	2°36	6°36	19° 2	27°24	28°34	8° 9	16°39	28°39	27°36	3°44	n.a.		T 20
F 21	9 44 47	27°19'26	19°31	19°36	3°49	7°21	19°15	27°26	28°36	8°10	16°38	28°40	27°33	3°50	n.a.		F 21
S 22	9 48 44	28°16'43	3♑57	20°30	5° 1	8° 5	19°28	27°28	28°39	8°11	16°36	28°41	27°29	3°57	n.a.		S 22
S 23	9 52 40	29°14'00	18°31	21°20	6°14	8°49	19°42	27°30	28°41	8°12	16°34	28°43	27°26	4° 4	n.a.		S 23
M24	9 56 37	0♓11'15	3♒ 8	22° 5	7°26	9°33	19°55	27°33	28°43	8°13	16°33	28°R43	27°23	4°10	n.a.		M24
T 25	10 0 34	1° 8'30	17°44	22°46	8°39	10°17	20° 8	27°35	28°45	8°14	16°31	28°42	27°20	4°17	n.a.		T 25
W26	10 4 30	2° 5'43	2♓12	23°23	9°52	11° 1	20°22	27°37	28°48	8°15	16°29	28°39	27°17	4°24	n.a.		W26
T 27	10 8 27	3° 2'56	16°26	23°55	11° 4	11°45	20°35	27°40	28°50	8°17	16°28	28°35	27°14	4°30	n.a.		T 27
F 28	10 12 23	4° 0'08	0♈21	24°23	12°17	12°29	20°48	27°42	28°53	8°18	16°26	28°29	27°10	4°37	n.a.		F 28
S 29	10 16 20	4°57'18	13°54	24°46	13°29	13°13	21° 2	27°45	28°55	8°19	16°25	28°24	27° 7	4°43	n.a.		S 29
S 30	10 20 16	5°54'27	27° 3	25° 5	14°42	13°56	21°15	27°48	28°57	8°20	16°23	28°18	27° 4	4°50	n.a.		S 30
M31	10 24 13	6♓51'36	9♉49	25♓19	15♒55	14♑40	21♓29	27♉51	29♈ 0	8♉21	16♎21	28♋14	27♋ 1	4♋57	n.a.		M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18s44	2s 5	4s52	15s 0	0n37	24s44	0s59	24s58	1s 5	7s 2	1s 3	20n14	0n10	10n55	0s10	13n38	0s58	32n11	17n 1	20n58	21n 1	21n46			n.a.
S 2	18 29	2n49	5 13	14 11	0 48	24 40	1 1	25 1	1 5	6 57	1 3	20 14	0 10	10 55	0 10	13 38	0 58	32 12	17 1	20 58	21 2	21 47			n.a.
M 3	18 13	7 27	5 17	13 21	0 58	24 36	1 3	25 4	1 6	6 52	1 3	20 14	0 10	10 56	0 10	13 38	0 58	32 12	17 1	20 58	21 3	21 47			n.a.
T 4	17 57	11 39	5 6	12 31	1 9	24 30	1 5	25 7	1 7	6 47	1 3	20 14	0 10	10 56	0 10	13 39	0 58	32 13	17 1	20 58	21 3	21 48			n.a.
W 5	17 40	15 17	4 42	11 42	1 20	24 24	1 7	25 10	1 8	6 42	1 2	20 14	0 10	10 57	0 10	13 39	0 58	32 13	17 1	20 58	21 4	21 49			n.a.
T 6	17 24	18 15	4 6	10 54	1 30	24 18	1 9	25 12	1 8	6 36	1 2	20 14	0 10	10 57	0 10	13 39	0 58	32 14	17 1	20 58	21 5	21 49			n.a.
F 7	17 7	20 25	3 19	10 6	1 39	24 10	1 11	25 14	1 9	6 31	1 2	20 14	0 10	10 58	0 10	13 39	0 58	32 15	17 1	20 57	21 5	21 50			n.a.
S 8	16 49	21 41	2 25	9 19	1 49	24 2	1 12	25 15	1 10	6 26	1 2	20 15	0 10	10 59	0 10	13 39	0 58	32 15	17 1	20 57	21 6	21 51			n.a.
S 9	16 32	22 0	1 24	8 33	1 58	23 53	1 14	25 17	1 11	6 21	1 2	20 15	0 11	10 59	0 10	13 40	0 58	32 16	17 1	20 57	21 7	21 51			n.a.
M10	16 14	21 19	0 19	7 49	2 6	23 44	1 15	25 18	1 11	6 16	1 1	20 15	0 11	11 0	0 10	13 40	0 58	32 16	17 1	20 57	21 7	21 52			n.a.
T 11	15 56	19 39	0n48	7 5	2 14	23 34	1 17	25 19	1 12	6 10	1 1	20 15	0 11	11 0	0 10	13 40	0 58	32 17	17 1	20 57	21 8	21 53			n.a.
W12	15 38	17 4	1 53	6 24	2 21	23 23	1 18	25 19	1 13	6 5	1 1	20 16	0 11	11 1	0 10	13 40	0 58	32 17	17 1	20 57	21 8	21 53			n.a.
T 13	15 20	13 40	2 53	5 44	2 27	23 11	1 19	25 20	1 13	6 0	1 1	20 16	0 11	11 2	0 10	13 41	0 58	32 18	17 1	20 57	21 9	21 54			n.a.
F 14	15 1	9 37	3 46	5 6	2 33	22 59	1 21	25 20	1 14	5 54	1 1	20 16	0 11	11 2	0 10	13 41	0 58	32 18	17 1	20 58	21 10	21 55			n.a.
S 15	14 42	5 4	4 29	4 30	2 38	22 46	1 22	25 20	1 15	5 49	1 1	20 17	0 11	11 3	0 10	13 41	0 58	32 19	17 1	20 59	21 10	21 55			n.a.
S 16	14 23	0 14	4 59	3 56	2 42	22 33	1 23	25 19	1 15	5 44	1 0	20 17	0 11	11 4	0 10	13 42	0 58	32 19	17 1	20 59	21 11	21 56			n.a.
M17	14 4	4s43	5 13	3 23	2 46	22 18	1 24	25 18	1 16	5 38	1 0	20 18	0 11	11 5	0 10	13 42	0 58	32 20	17 1	21 0	21 12	21 57			n.a.
T 18	13 44	9 31	5 11	2 53	2 49	22 4	1 25	25 17	1 17	5 33	1 0	20 18	0 11	11 5	0 10	13 42	0 58	32 20	17 1	21 0	21 12	21 57			n.a.
W19	13 24	13 55	4 50	2 25	2 51	21 48	1 26	25 16	1 17	5 28	1 0	20 19	0 11	11 6	0 10	13 43	0 57	32 21	17 1	21 1	21 13	21 58			n.a.
T 20	13 5	17 39	4 13	2 0	2 52	21 32	1 27	25 15	1 18	5 22	1 0	20 19	0 11	11 7	0 10	13 43	0 57	32 21	17 0	21 1	21 14	21 58			n.a.
F 21	12 44	20 23	3 19	1 36	2 52	21 15	1 27	25 13	1 19	5 17	1 0	20 20	0 11	11 8	0 10	13 43	0 57	32 22	17 0	21 0	21 14	21 59			n.a.
S 22	12 24	21 52	2 12	1 15	2 51	20 58	1 28	25 11	1 19	5 11	1 0	20 20	0 12	11 9	0 10	13 44	0 57	32 22	17 0	21 0	21 15	22 0			n.a.
S 23	12 4	21 53	0 56	0 56	2 50	20 40	1 29	25 9	1 20	5 6	0 59	20 21	0 12	11 9	0 10	13 44	0 57	32 22	17 0	21 0	21 16	22 0			n.a.
M24	11 43	20 24	0s24	0 40	2 48	20 22	1 29	25 6	1 21	5 0	0 59	20 21	0 12	11 10	0 10	13 44	0 57	32 23	17 0	21 0	21 16	22 1			n.a.
T 25	11 22	17 34	1 42	0 27	2 44	20 3	1 30	25 3	1 21	4 55	0 59	20 22	0 12	11 11	0 10	13 45	0 57	32 23	17 0	21 0	21 17	22 1			n.a.
W26	11 1	13 40	2 53	0 16	2 40	19 43	1 30	25 0	1 22	4 49	0 59	20 23	0 12	11 12	0 10	13 45	0 57	32 24	16 59	21 1	21 18	22 2			n.a.
T 27	10 40	9 2	3 52	0 7	2 35	19 23	1 30	24 57	1 23	4 44	0 59	20 23	0 12	11 13	0 10	13 46	0 57	32 24	16 59	21 2	21 18	22 3			n.a.
F 28	10 19	4 2	4 35	0 2	2 29	19 3	1 31	24 53	1 23	4 38	0 59	20 24	0 12	11 14	0 10	13 46	0 57	32 24	16 59	21 3	21 19	22 3			n.a.
S 29	9 58	1n 1	5 1	0n 1	2 21	18 41	1 31	24 50	1 24	4 33	0 59	20 25	0 12	11 15	0 10	13 47	0 57	32 25	16 59	21 4	21 19	22 4			n.a.
S 30	9 36	5 53	5 11	0 1	2 13	18 20	1 31	24 46	1 24	4 27	0 59	20 25	0 12	11 16	0 10	13 47	0 57	32 25	16 59	21 5	21 20	22 4			n.a.
M31	9s14	10n21	5s 5	0s 1	2n 4	17s58	1s31	24s41	1s25	4s22	0s58	20n26	0n12	11n17	0s10	13n47	0s57	32n25	16n58	21n 6	21n21	22n 5			n.a.

Julian Day Number = 194737.5, Delta T = 32h21m22s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'47, Lahiri = -61°22'46 Julian Calendar 1 March 4180 BCE == Greg. Calendar 27 Jan. 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

APRIL 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 28 9	7♓48'43	22♉16	25♓29	17♒ 7	15♑24	21♓42	27♉54	29♈ 3	8♉23	16°R20	28°R11	26♋58	5♋ 3	n.a.	T 1
W 2	10 32 6	8°45'50	4♊25	25°33	18°20	16° 7	21°55	27°57	29° 5	8°24	16♌18	28°D10	26°54	5°10	n.a.	W 2
T 3	10 36 3	9°42'55	16°23	25°R34	19°33	16°51	22° 9	28° 0	29° 8	8°25	16°17	28♋10	26°51	5°17	n.a.	T 3
F 4	10 39 59	10°40'00	28°14	25°29	20°45	17°34	22°22	28° 3	29°11	8°27	16°15	28°11	26°48	5°23	n.a.	F 4
S 5	10 43 56	11°37'03	10♋ 2	25°21	21°58	18°17	22°36	28° 6	29°13	8°28	16°14	28°13	26°45	5°30	n.a.	S 5
S 6	10 47 52	12°34'06	21°54	25° 8	23°11	19° 1	22°50	28°10	29°16	8°29	16°12	28°14	26°42	5°37	n.a.	S 6
M 7	10 51 49	13°31'08	3♌54	24°52	24°24	19°44	23° 3	28°13	29°19	8°31	16°11	28°R14	26°39	5°43	n.a.	M 7
T 8	10 55 45	14°28'09	16° 4	24°31	25°37	20°27	23°17	28°17	29°22	8°32	16°10	28°12	26°35	5°50	n.a.	T 8
W 9	10 59 42	15°25'10	28°28	24° 7	26°49	21°10	23°30	28°20	29°24	8°34	16° 8	28° 8	26°32	5°57	n.a.	W 9
T 10	11 3 39	16°22'10	11♍ 8	23°41	28° 2	21°53	23°44	28°24	29°27	8°35	16° 7	28° 3	26°29	6° 3	n.a.	T 10
F 11	11 7 35	17°19'09	24° 4	23°12	29°15	22°36	23°57	28°28	29°30	8°37	16° 5	27°55	26°26	6°10	n.a.	F 11
S 12	11 11 32	18°16'08	7♎16	22°40	0♓28	23°19	24°11	28°32	29°33	8°38	16° 4	27°47	26°23	6°17	n.a.	S 12
S 13	11 15 28	19°13'07	20°42	22° 8	1°41	24° 1	24°25	28°36	29°36	8°40	16° 3	27°39	26°19	6°23	n.a.	S 13
M14	11 19 25	20°10'05	4♏20	21°34	2°54	24°44	24°38	28°40	29°39	8°41	16° 1	27°31	26°16	6°30	n.a.	M14
T 15	11 23 21	21° 7'04	18° 8	21° 0	4° 7	25°27	24°52	28°44	29°42	8°43	16° 0	27°26	26°13	6°37	n.a.	T 15
W16	11 27 18	22° 4'02	2♐ 5	20°26	5°20	26° 9	25° 6	28°48	29°45	8°45	15°59	27°22	26°10	6°43	n.a.	W16
T 17	11 31 15	23° 1'01	16° 8	19°52	6°33	26°52	25°19	28°53	29°48	8°46	15°57	27°20	26° 7	6°50	n.a.	T 17
F 18	11 35 11	23°57'59	0♑16	19°20	7°46	27°34	25°33	28°57	29°51	8°48	15°56	27°D20	26° 4	6°57	n.a.	F 18
S 19	11 39 8	24°54'58	14°27	18°50	8°59	28°16	25°47	29° 1	29°55	8°50	15°55	27°21	26° 0	7° 3	n.a.	S 19
S 20	11 43 4	25°51'57	28°41	18°23	10°12	28°59	26° 0	29° 6	29°58	8°51	15°54	27°R21	25°57	7°10	n.a.	S 20
M21	11 47 1	26°48'57	12♒54	17°58	11°25	29°41	26°14	29°10	0♉ 1	8°53	15°53	27°20	25°54	7°17	n.a.	M21
T 22	11 50 57	27°45'56	27° 5	17°37	12°38	0♒23	26°27	29°15	0° 4	8°55	15°52	27°17	25°51	7°23	n.a.	T 22
W23	11 54 54	28°42'55	11♓10	17°19	13°52	1° 5	26°41	29°20	0° 7	8°57	15°50	27°11	25°48	7°30	n.a.	W23
T 24	11 58 51	29°39'55	25° 4	17° 5	15° 5	1°47	26°55	29°25	0°11	8°58	15°49	27° 3	25°45	7°37	n.a.	T 24
F 25	12 2 47	0♈36'54	8♈43	16°55	16°18	2°29	27° 8	29°30	0°14	9° 0	15°48	26°53	25°41	7°43	n.a.	F 25
S 26	12 6 44	1°33'54	22° 5	16°50	17°31	3°10	27°22	29°35	0°17	9° 2	15°47	26°43	25°38	7°50	n.a.	S 26
S 27	12 10 40	2°30'53	5♉ 7	16°D50	18°44	3°52	27°36	29°40	0°21	9° 4	15°46	26°33	25°35	7°56	n.a.	S 27
M28	12 14 37	3°27'53	17°50	16°54	19°58	4°34	27°49	29°45	0°24	9° 6	15°45	26°24	25°32	8° 3	n.a.	M28
T 29	12 18 33	4°24'52	0♊14	17° 4	21°11	5°15	28° 3	29°50	0°27	9° 8	15°44	26°17	25°29	8°10	n.a.	T 29
W30	12 22 30	5♈21'52	12♊23	17♓18	22♓24	5♒56	28♓16	29♉55	0♉31	9♉10	15♌43	26♋12	25♋25	8♋16	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s52	14n16	4s44	0s 6	1n54	17s35	1s31	24s37	1s26	4s16	0s58	20n27	0n12	11n17	0s10	13n48	0s57	32n25	16n58	21n 6	21n21	22n 6		n.a.
W 2	8 31	17 31	4 11	0 14	1 43	17 12	1 31	24 32	1 26	4 11	0 58	20 27	0 12	11 18	0 10	13 48	0 57	32 26	16 58	21 7	21 22	22 6		n.a.
T 3	8 9	19 57	3 28	0 25	1 31	16 48	1 31	24 27	1 27	4 5	0 58	20 28	0 12	11 19	0 10	13 49	0 57	32 26	16 58	21 7	21 23	22 7		n.a.
F 4	7 46	21 30	2 36	0 39	1 19	16 25	1 31	24 22	1 27	3 59	0 58	20 29	0 12	11 20	0 10	13 49	0 57	32 26	16 57	21 6	21 23	22 7		n.a.
S 5	7 24	22 6	1 37	0 54	1 5	16 0	1 31	24 17	1 28	3 54	0 58	20 30	0 13	11 21	0 10	13 50	0 57	32 26	16 57	21 6	21 24	22 8		n.a.
S 6	7 2	21 43	0 34	1 13	0 51	15 35	1 30	24 11	1 28	3 48	0 58	20 31	0 13	11 22	0 10	13 50	0 57	32 27	16 57	21 6	21 24	22 8		n.a.
M 7	6 39	20 19	0n31	1 33	0 36	15 10	1 30	24 5	1 29	3 43	0 58	20 32	0 13	11 23	0 9	13 51	0 57	32 27	16 56	21 6	21 25	22 9		n.a.
T 8	6 17	17 59	1 35	1 55	0 21	14 44	1 29	23 59	1 30	3 37	0 57	20 33	0 13	11 24	0 9	13 51	0 57	32 27	16 56	21 6	21 26	22 9		n.a.
W 9	5 54	14 46	2 36	2 20	0 5	14 18	1 29	23 53	1 30	3 31	0 57	20 33	0 13	11 26	0 9	13 52	0 57	32 27	16 56	21 7	21 26	22 10		n.a.
T 10	5 31	10 49	3 31	2 45	0s12	13 52	1 28	23 46	1 31	3 26	0 57	20 34	0 13	11 27	0 9	13 52	0 57	32 27	16 55	21 8	21 27	22 10		n.a.
F 11	5 9	6 18	4 15	3 12	0 28	13 25	1 28	23 39	1 31	3 20	0 57	20 35	0 13	11 28	0 9	13 53	0 57	32 28	16 55	21 10	21 28	22 11		n.a.
S 12	4 46	1 25	4 47	3 40	0 45	12 58	1 27	23 33	1 32	3 14	0 57	20 36	0 13	11 29	0 9	13 53	0 57	32 28	16 55	21 11	21 28	22 11		n.a.
S 13	4 23	3s37	5 4	4 8	1 1	12 31	1 26	23 25	1 32	3 9	0 57	20 37	0 13	11 30	0 9	13 54	0 56	32 28	16 54	21 13	21 29	22 12		n.a.
M14	4 0	8 33	5 4	4 37	1 17	12 3	1 25	23 18	1 33	3 3	0 57	20 38	0 13	11 31	0 9	13 55	0 56	32 28	16 54	21 15	21 29	22 12		n.a.
T 15	3 37	13 8	4 47	5 5	1 33	11 35	1 24	23 11	1 33	2 58	0 57	20 39	0 13	11 32	0 9	13 55	0 56	32 28	16 54	21 16	21 30	22 13		n.a.
W16	3 14	17 2	4 13	5 33	1 48	11 6	1 23	23 3	1 34	2 52	0 57	20 40	0 13	11 33	0 9	13 56	0 56	32 28	16 53	21 17	21 31	22 13		n.a.
T 17	2 51	20 1	3 23	6 0	2 3	10 38	1 22	22 55	1 34	2 46	0 57	20 41	0 13	11 34	0 9	13 56	0 56	32 28	16 53	21 17	21 31	22 14		n.a.
F 18	2 28	21 47	2 20	6 25	2 17	10 9	1 21	22 47	1 35	2 41	0 56	20 42	0 13	11 35	0 9	13 57	0 56	32 28	16 53	21 17	21 32	22 14		n.a.
S 19	2 4	22 10	1 9	6 49	2 30	9 40	1 20	22 39	1 35	2 35	0 56	20 43	0 13	11 37	0 9	13 57	0 56	32 28	16 52	21 17	21 33	22 15		n.a.
S 20	1 41	21 7	0s 7	7 11	2 42	9 10	1 19	22 30	1 36	2 29	0 56	20 45	0 14	11 38	0 9	13 58	0 56	32 28	16 52	21 17	21 33	22 15		n.a.
M21	1 18	18 44	1 22	7 31	2 52	8 40	1 18	22 21	1 36	2 24	0 56	20 46	0 14	11 39	0 9	13 59	0 56	32 28	16 51	21 17	21 34	22 16		n.a.
T 22	0 55	15 12	2 32	7 49	3 2	8 11	1 17	22 13	1 37	2 18	0 56	20 47	0 14	11 40	0 9	13 59	0 56	32 28	16 51	21 17	21 34	22 16		n.a.
W23	0 31	10 50	3 32	8 4	3 11	7 40	1 15	22 4	1 37	2 12	0 56	20 48	0 14	11 41	0 9	14 0	0 56	32 28	16 50	21 19	21 35	22 17		n.a.
T 24	0 8	5 57	4 18	8 16	3 18	7 10	1 14	21 54	1 38	2 7	0 56	20 49	0 14	11 43	0 9	14 0	0 56	32 28	16 50	21 20	21 36	22 17		n.a.
F 25	0n15	0 51	4 49	8 25	3 24	6 40	1 12	21 45	1 38	2 1	0 56	20 50	0 14	11 44	0 9	14 1	0 56	32 28	16 50	21 22	21 36	22 18		n.a.
S 26	0 38	4n10	5 2	8 32	3 29	6 9	1 11	21 35	1 39	1 55	0 56	20 51	0 14	11 45	0 9	14 2	0 56	32 28	16 49	21 24	21 37	22 18		n.a.
S 27	1 2	8 54	5 0	8 35	3 32	5 38	1 9	21 26	1 39	1 50	0 56	20 52	0 14	11 46	0 9	14 2	0 56	32 28	16 49	21 26	21 37	22 19		n.a.
M28	1 25	13 7	4 43	8 35	3 35	5 7	1 8	21 16	1 39	1 44	0 56	20 54	0 14	11 47	0 9	14 3	0 56	32 28	16 48	21 28	21 38	22 19		n.a.
T 29	1 48	16 40	4 12	8 33	3 36	4 36	1 6	21 6	1 40	1 39	0 56	20 55	0 14	11 49	0 9	14 4	0 56	32 28	16 48	21 29	21 39	22 19		n.a.
W30	2n11	19n26	3s31	8s27	3s36	4s 5	1s 4	20s56	1s40	1s33	0s55	20n56	0n14	11n50	0s 9	14n 4	0s56	32n28	16n47	21n30	21n39	22n20		n.a.

Julian Day Number = 194768.5, Delta T = 32h21m19s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'43, Lahiri = -61°22'42 Julian Calendar 1 Apr. 4180 BCE == Greg. Calendar 27 Feb. 4180 BCE

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

MAY 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 26 27	6♈18'52	24♊20	17♓37	23♓38	6♒38	28♓30	0♊ 0	0♉34	9♉12	15°R42	26°R10	25♋22	8♋23	n.a.	T 1
F 2	12 30 23	7°15'51	6♋11	18° 1	24°51	7°19	28°44	0° 6	0°38	9°14	15♌42	26°D 9	25°19	8°30	n.a.	F 2
S 3	12 34 20	8°12'51	18° 0	18°30	26° 4	8° 0	28°57	0°11	0°41	9°15	15°41	26♋ 9	25°16	8°36	n.a.	S 3
S 4	12 38 16	9° 9'51	29°53	19° 4	27°18	8°41	29°11	0°17	0°45	9°17	15°40	26°R 9	25°13	8°43	n.a.	S 4
M 5	12 42 13	10° 6'51	11♌55	19°43	28°31	9°22	29°24	0°22	0°48	9°19	15°39	26° 8	25°10	8°50	n.a.	M 5
T 6	12 46 9	11° 3'51	24°11	20°26	29°45	10° 3	29°38	0°28	0°52	9°21	15°38	26° 5	25° 6	8°56	n.a.	T 6
W 7	12 50 6	12° 0'52	6♍44	21°15	0♈58	10°44	29°51	0°33	0°55	9°23	15°38	26° 0	25° 3	9° 3	n.a.	W 7
T 8	12 54 3	12°57'53	19°38	22° 8	2°12	11°24	0♈ 5	0°39	0°59	9°25	15°37	25°52	25° 0	9°10	n.a.	T 8
F 9	12 57 59	13°54'54	2♎52	23° 6	3°25	12° 5	0°18	0°45	1° 2	9°27	15°36	25°42	24°57	9°16	n.a.	F 9
S 10	13 1 56	14°51'56	16°26	24° 8	4°39	12°45	0°31	0°51	1° 6	9°30	15°36	25°30	24°54	9°23	n.a.	S 10
S 11	13 5 52	15°48'58	0♏17	25°15	5°52	13°26	0°45	0°57	1° 9	9°32	15°35	25°19	24°50	9°30	n.a.	S 11
M12	13 9 49	16°46'01	14°21	26°26	7° 6	14° 6	0°58	1° 3	1°13	9°34	15°34	25° 8	24°47	9°36	n.a.	M12
T 13	13 13 45	17°43'05	28°33	27°42	8°19	14°46	1°12	1° 9	1°16	9°36	15°34	25° 0	24°44	9°43	n.a.	T 13
W14	13 17 42	18°40'10	12♐49	29° 3	9°33	15°26	1°25	1°15	1°20	9°38	15°33	24°54	24°41	9°50	n.a.	W14
T 15	13 21 39	19°37'16	27° 4	0♈27	10°47	16° 6	1°38	1°21	1°24	9°40	15°33	24°51	24°38	9°56	n.a.	T 15
F 16	13 25 35	20°34'23	11♑17	1°56	12° 0	16°46	1°51	1°27	1°27	9°42	15°32	24°49	24°35	10° 3	n.a.	F 16
S 17	13 29 32	21°31'31	25°24	3°28	13°14	17°26	2° 5	1°33	1°31	9°44	15°32	24°49	24°31	10° 9	n.a.	S 17
S 18	13 33 28	22°28'41	9♒26	5° 5	14°28	18° 5	2°18	1°39	1°34	9°46	15°32	24°49	24°28	10°16	n.a.	S 18
M19	13 37 25	23°25'51	23°21	6°45	15°42	18°45	2°31	1°46	1°38	9°49	15°31	24°47	24°25	10°23	n.a.	M19
T 20	13 41 22	24°23'03	7♓10	8°29	16°55	19°24	2°44	1°52	1°42	9°51	15°31	24°43	24°22	10°29	n.a.	T 20
W21	13 45 18	25°20'16	20°50	10°16	18° 9	20° 4	2°57	1°58	1°45	9°53	15°31	24°36	24°19	10°36	n.a.	W21
T 22	13 49 15	26°17'29	4♈19	12° 6	19°23	20°43	3°10	2° 5	1°49	9°55	15°30	24°26	24°16	10°43	n.a.	T 22
F 23	13 53 11	27°14'44	17°37	13°59	20°37	21°22	3°23	2°11	1°53	9°57	15°30	24°15	24°12	10°49	n.a.	F 23
S 24	13 57 8	28°12'01	0♉41	15°55	21°51	22° 1	3°36	2°18	1°56	9°59	15°30	24° 2	24° 9	10°56	n.a.	S 24
S 25	14 1 4	29° 9'18	13°29	17°53	23° 5	22°40	3°49	2°24	2° 0	10° 2	15°30	23°49	24° 6	11° 3	n.a.	S 25
M26	14 5 1	0♉ 6'36	26° 2	19°53	24°19	23°19	4° 2	2°31	2° 4	10° 4	15°30	23°38	24° 3	11° 9	n.a.	M26
T 27	14 8 58	1° 3'56	8♊19	21°55	25°33	23°57	4°15	2°38	2° 7	10° 6	15°30	23°29	24° 0	11°16	n.a.	T 27
W28	14 12 54	2° 1'16	20°24	23°58	26°47	24°36	4°28	2°44	2°11	10° 8	15°30	23°23	23°56	11°23	n.a.	W28
T 29	14 16 51	2°58'38	2♋18	26° 2	28° 1	25°14	4°41	2°51	2°15	10°10	15°D29	23°19	23°53	11°29	n.a.	T 29
F 30	14 20 47	3°56'00	14° 7	28° 7	29°15	25°53	4°53	2°58	2°18	10°13	15°30	23°18	23°50	11°36	n.a.	F 30
S 31	14 24 44	4♉53'24	25♋55	0♉12	0♉29	26♒31	5♈ 6	3♊ 5	2♉22	10♉15	15♌30	23°D17	23♋47	11♋43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n35	21n19	2s41	8s19	3s35	3s33	1s 3	20s46	1s41	1s27	0s55	20n57	0n14	11n51	0s 9	14n 5	0s56	32n27	16n47	21n31	21n40	22n20		n.a.
F 2	2 58	22 14	1 44	8 7	3 33	3 2	1 1	20 35	1 41	1 22	0 55	20 59	0 14	11 52	0 9	14 6	0 56	32 27	16 46	21 31	21 40	22 21		n.a.
S 3	3 21	22 9	0 43	7 53	3 30	2 30	0 59	20 25	1 41	1 16	0 55	21 0	0 14	11 54	0 9	14 6	0 56	32 27	16 46	21 31	21 41	22 21		n.a.
S 4	3 44	21 4	0n20	7 35	3 26	1 59	0 57	20 14	1 42	1 11	0 55	21 1	0 15	11 55	0 9	14 7	0 56	32 27	16 45	21 31	21 42	22 21		n.a.
M 5	4 7	19 1	1 23	7 15	3 21	1 27	0 55	20 3	1 42	1 5	0 55	21 2	0 15	11 56	0 9	14 8	0 56	32 27	16 45	21 31	21 42	22 22		n.a.
T 6	4 30	16 4	2 23	6 52	3 16	0 55	0 53	19 52	1 43	0 59	0 55	21 4	0 15	11 57	0 9	14 8	0 56	32 26	16 44	21 32	21 43	22 22		n.a.
W 7	4 53	12 20	3 18	6 27	3 9	0 23	0 51	19 41	1 43	0 54	0 55	21 5	0 15	11 59	0 9	14 9	0 56	32 26	16 44	21 33	21 43	22 23		n.a.
T 8	5 16	7 56	4 4	5 59	3 2	0n 9	0 49	19 30	1 43	0 48	0 55	21 6	0 15	12 0	0 9	14 10	0 56	32 26	16 43	21 34	21 44	22 23		n.a.
F 9	5 38	3 3	4 38	5 28	2 54	0 40	0 47	19 18	1 44	0 43	0 55	21 8	0 15	12 1	0 9	14 10	0 56	32 26	16 43	21 36	21 45	22 23		n.a.
S 10	6 1	2s 5	4 57	4 54	2 45	1 12	0 45	19 7	1 44	0 37	0 55	21 9	0 15	12 2	0 9	14 11	0 56	32 25	16 42	21 38	21 45	22 24		n.a.
S 11	6 24	7 13	5 0	4 19	2 36	1 44	0 43	18 55	1 44	0 32	0 55	21 10	0 15	12 4	0 9	14 12	0 56	32 25	16 42	21 40	21 46	22 24		n.a.
M12	6 46	12 4	4 45	3 41	2 26	2 16	0 41	18 44	1 45	0 26	0 55	21 11	0 15	12 5	0 9	14 12	0 56	32 25	16 41	21 42	21 46	22 24		n.a.
T 13	7 9	16 19	4 12	3 0	2 16	2 48	0 39	18 32	1 45	0 21	0 55	21 13	0 15	12 6	0 9	14 13	0 56	32 24	16 41	21 44	21 47	22 25		n.a.
W14	7 31	19 37	3 23	2 18	2 5	3 20	0 37	18 20	1 45	0 15	0 55	21 14	0 15	12 8	0 9	14 14	0 56	32 24	16 40	21 45	21 47	22 25		n.a.
T 15	7 53	21 44	2 21	1 33	1 54	3 51	0 35	18 8	1 46	0 10	0 55	21 16	0 15	12 9	0 9	14 15	0 56	32 24	16 39	21 46	21 48	22 26		n.a.
F 16	8 15	22 26	1 11	0 47	1 43	4 23	0 32	17 56	1 46	0 4	0 54	21 17	0 15	12 10	0 9	14 15	0 55	32 23	16 39	21 46	21 49	22 26		n.a.
S 17	8 37	21 42	0s 3	0n 2	1 31	4 54	0 30	17 44	1 46	0n 1	0 54	21 18	0 15	12 12	0 9	14 16	0 55	32 23	16 38	21 46	21 49	22 26		n.a.
S 18	8 59	19 37	1 17	0 52	1 19	5 26	0 28	17 31	1 47	0 7	0 54	21 20	0 15	12 13	0 9	14 17	0 55	32 23	16 38	21 46	21 50	22 27		n.a.
M19	9 21	16 23	2 25	1 44	1 7	5 57	0 26	17 19	1 47	0 12	0 54	21 21	0 16	12 14	0 9	14 17	0 55	32 22	16 37	21 46	21 50	22 27		n.a.
T 20	9 43	12 16	3 24	2 37	0 55	6 28	0 23	17 6	1 47	0 17	0 54	21 22	0 16	12 15	0 9	14 18	0 55	32 22	16 37	21 47	21 51	22 27		n.a.
W21	10 4	7 33	4 11	3 31	0 43	6 59	0 21	16 54	1 47	0 23	0 54	21 24	0 16	12 17	0 9	14 19	0 55	32 21	16 36	21 48	21 52	22 28		n.a.
T 22	10 25	2 32	4 43	4 27	0 31	7 30	0 19	16 41	1 48	0 28	0 54	21 25	0 16	12 18	0 9	14 20	0 55	32 21	16 36	21 50	21 52	22 28		n.a.
F 23	10 47	2n31	4 59	5 23	0 19	8 1	0 16	16 29	1 48	0 34	0 54	21 27	0 16	12 19	0 9	14 20	0 55	32 20	16 35	21 52	21 53	22 28		n.a.
S 24	11 8	7 23	4 59	6 19	0 7	8 32	0 14	16 16	1 48	0 39	0 54	21 28	0 16	12 21	0 9	14 21	0 55	32 20	16 34	21 55	21 53	22 28		n.a.
S 25	11 29	11 50	4 43	7 16	0n 4	9 2	0 12	16 3	1 49	0 44	0 54	21 29	0 16	12 22	0 9	14 22	0 55	32 19	16 34	21 57	21 54	22 29		n.a.
M26	11 50	15 41	4 15	8 13	0 15	9 32	0 9	15 50	1 49	0 50	0 54	21 31	0 16	12 23	0 9	14 22	0 55	32 19	16 33	21 59	21 54	22 29		n.a.
T 27	12 10	18 47	3 34	9 10	0 25	10 2	0 7	15 37	1 49	0 55	0 54	21 32	0 16	12 25	0 9	14 23	0 55	32 18	16 33	22 0	21 55	22 29		n.a.
W28	12 31	21 1	2 45	10 6	0 36	10 32	0 5	15 24	1 49	1 0	0 54	21 34	0 16	12 26	0 9	14 24	0 55	32 18	16 32	22 1	21 56	22 30		n.a.
T 29	12 51	22 17	1 49	11 2	0 45	11 2	0 2	15 11	1 49	1 5	0 54	21 35	0 16	12 27	0 9	14 25	0 55	32 17	16 31	22 2	21 56	22 30		n.a.
F 30	13 11	22 32	0 49	11 56	0 54	11 31	0n 0	14 58	1 50	1 10	0 54	21 36	0 16	12 29	0 9	14 25	0 55	32 17	16 31	22 2	21 57	22 30		n.a.
S 31	13n31	21n47	0n14	12n50	1n 2	12n 0	0n 2	14s45	1s50	1n16	0s54	21n38	0n16	12n30	0s 9	14n26	0s55	32n16	16n30	22n 2	21n57	22n30		n.a.

Julian Day Number = 194798.5, Delta T = 32h21m15s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'39, Lahiri = -61°22'38 Julian Calendar 1 May 4180 BCE == Greg. Calendar 29 March 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

JUNE 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 28 40	5♉50'48	7♌47	2♉17	1♉43	27♒ 9	5♈19	3♊11	2♉26	10♉17	15♌30	23°R18	23♋44	11♋49	n.a.	S 1
M 2	14 32 37	6°48'13	19°49	4°22	2°57	27°47	5°31	3°18	2°30	10°19	15°30	23♋17	23°41	11°56	n.a.	M 2
T 3	14 36 34	7°45'40	2♍ 7	6°26	4°11	28°24	5°44	3°25	2°33	10°22	15°30	23°15	23°37	12° 3	n.a.	T 3
W 4	14 40 30	8°43'08	14°44	8°30	5°25	29° 2	5°56	3°32	2°37	10°24	15°30	23°10	23°34	12° 9	n.a.	W 4
T 5	14 44 27	9°40'37	27°45	10°33	6°40	29°40	6° 9	3°39	2°41	10°26	15°30	23° 3	23°31	12°16	n.a.	T 5
F 6	14 48 23	10°38'07	11♎10	12°36	7°54	0♓17	6°21	3°46	2°44	10°28	15°31	22°54	23°28	12°22	n.a.	F 6
S 7	14 52 20	11°35'38	25° 0	14°37	9° 8	0°54	6°33	3°53	2°48	10°30	15°31	22°43	23°25	12°29	n.a.	S 7
S 8	14 56 16	12°33'11	9♏12	16°37	10°22	1°31	6°46	4° 0	2°51	10°33	15°31	22°33	23°22	12°36	n.a.	S 8
M 9	15 0 13	13°30'46	23°39	18°36	11°36	2° 8	6°58	4° 7	2°55	10°35	15°32	22°23	23°18	12°42	n.a.	M 9
T 10	15 4 9	14°28'22	8♐17	20°33	12°51	2°45	7°10	4°14	2°59	10°37	15°32	22°15	23°15	12°49	n.a.	T 10
W11	15 8 6	15°26'00	22°57	22°30	14° 5	3°22	7°22	4°21	3° 2	10°39	15°32	22°10	23°12	12°56	n.a.	W11
T 12	15 12 3	16°23'40	7♑33	24°24	15°19	3°59	7°34	4°29	3° 6	10°42	15°33	22° 7	23° 9	13° 2	n.a.	T 12
F 13	15 15 59	17°21'21	21°59	26°18	16°34	4°35	7°46	4°36	3°10	10°44	15°33	22°D 6	23° 6	13° 9	n.a.	F 13
S 14	15 19 56	18°19'05	6♒14	28°10	17°48	5°11	7°58	4°43	3°13	10°46	15°34	22° 6	23° 2	13°16	n.a.	S 14
S 15	15 23 52	19°16'50	20°15	0♊ 1	19° 3	5°47	8°10	4°50	3°17	10°48	15°34	22°R 7	22°59	13°22	n.a.	S 15
M16	15 27 49	20°14'38	4♓ 3	1°50	20°17	6°23	8°21	4°57	3°20	10°50	15°35	22° 6	22°56	13°29	n.a.	M16
T 17	15 31 45	21°12'27	17°37	3°38	21°31	6°59	8°33	5° 5	3°24	10°53	15°36	22° 3	22°53	13°36	n.a.	T 17
W18	15 35 42	22°10'19	0♈57	5°24	22°46	7°35	8°44	5°12	3°27	10°55	15°36	21°58	22°50	13°42	n.a.	W18
T 19	15 39 39	23° 8'12	14° 6	7°10	24° 0	8°11	8°56	5°19	3°31	10°57	15°37	21°50	22°47	13°49	n.a.	T 19
F 20	15 43 35	24° 6'08	27° 2	8°53	25°15	8°46	9° 7	5°26	3°34	10°59	15°38	21°41	22°43	13°56	n.a.	F 20
S 21	15 47 32	25° 4'05	9♉45	10°36	26°30	9°21	9°19	5°34	3°38	11° 1	15°39	21°31	22°40	14° 2	n.a.	S 21
S 22	15 51 28	26° 2'05	22°16	12°17	27°44	9°56	9°30	5°41	3°41	11° 4	15°39	21°21	22°37	14° 9	n.a.	S 22
M23	15 55 25	27° 0'06	4♊35	13°57	28°59	10°31	9°41	5°48	3°45	11° 6	15°40	21°12	22°34	14°16	n.a.	M23
T 24	15 59 21	27°58'09	16°42	15°35	0♊13	11° 6	9°52	5°56	3°48	11° 8	15°41	21° 4	22°31	14°22	n.a.	T 24
W25	16 3 18	28°56'15	28°40	17°12	1°28	11°40	10° 3	6° 3	3°52	11°10	15°42	21° 0	22°27	14°29	n.a.	W25
T 26	16 7 14	29°54'22	10♋31	18°48	2°43	12°15	10°14	6°10	3°55	11°12	15°43	20°57	22°24	14°35	n.a.	T 26
F 27	16 11 11	0♊52'30	22°18	20°22	3°57	12°49	10°25	6°18	3°59	11°14	15°44	20°D56	22°21	14°42	n.a.	F 27
S 28	16 15 8	1°50'41	4♌ 4	21°56	5°12	13°23	10°36	6°25	4° 2	11°17	15°45	20°57	22°18	14°49	n.a.	S 28
S 29	16 19 4	2°48'53	15°56	23°27	6°27	13°57	10°47	6°32	4° 5	11°19	15°46	20°58	22°15	14°55	n.a.	S 29
M30	16 23 1	3♊47'07	27♌56	24♊58	7♊41	14♓30	10♈57	6♊40	4♉ 9	11♉21	15♌47	20°R59	22♋12	15♋ 2	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n50	20n 4	1n16	13n42	1n10	12n29	0n 5	14s31	1s50	1n21	0s54	21n39	0n16	12n31	0s 9	14n27	0s55	32n16	16n30	22n 2	21n58	22n31		n.a.
M 2	14 10	17 26	2 16	14 32	1 17	12 57	0 7	14 18	1 50	1 26	0 54	21 41	0 17	12 32	0 9	14 28	0 55	32 15	16 29	22 3	21 58	22 31		n.a.
T 3	14 29	13 58	3 11	15 21	1 24	13 25	0 10	14 5	1 50	1 31	0 54	21 42	0 17	12 34	0 9	14 28	0 55	32 14	16 29	22 3	21 59	22 31		n.a.
W 4	14 48	9 49	3 58	16 8	1 29	13 53	0 12	13 51	1 51	1 36	0 54	21 44	0 17	12 35	0 9	14 29	0 55	32 14	16 28	22 4	22 0	22 31		n.a.
T 5	15 7	5 5	4 34	16 54	1 34	14 20	0 14	13 38	1 51	1 41	0 54	21 45	0 17	12 36	0 9	14 30	0 55	32 13	16 27	22 5	22 0	22 32		n.a.
F 6	15 26	0s 1	4 56	17 37	1 39	14 48	0 17	13 25	1 51	1 46	0 54	21 46	0 17	12 38	0 9	14 30	0 55	32 12	16 27	22 7	22 1	22 32		n.a.
S 7	15 44	5 16	5 2	18 18	1 42	15 14	0 19	13 11	1 51	1 51	0 54	21 48	0 17	12 39	0 9	14 31	0 55	32 12	16 26	22 8	22 1	22 32		n.a.
S 8	16 2	10 23	4 50	18 57	1 45	15 41	0 21	12 58	1 51	1 56	0 54	21 49	0 17	12 40	0 9	14 32	0 55	32 11	16 26	22 10	22 2	22 32		n.a.
M 9	16 20	15 2	4 19	19 34	1 48	16 7	0 23	12 44	1 51	2 1	0 54	21 51	0 17	12 42	0 9	14 33	0 55	32 10	16 25	22 12	22 2	22 33		n.a.
T 10	16 38	18 50	3 31	20 9	1 50	16 32	0 26	12 30	1 52	2 6	0 54	21 52	0 17	12 43	0 9	14 33	0 55	32 10	16 24	22 13	22 3	22 33		n.a.
W11	16 55	21 27	2 29	20 42	1 51	16 57	0 28	12 17	1 52	2 11	0 54	21 54	0 17	12 44	0 9	14 34	0 55	32 9	16 24	22 14	22 3	22 33		n.a.
T 12	17 12	22 37	1 17	21 12	1 52	17 22	0 30	12 3	1 52	2 16	0 54	21 55	0 17	12 45	0 9	14 35	0 55	32 8	16 23	22 14	22 4	22 33		n.a.
F 13	17 29	22 15	0 1	21 41	1 52	17 46	0 32	11 50	1 52	2 21	0 54	21 56	0 17	12 47	0 9	14 36	0 55	32 8	16 23	22 15	22 4	22 33		n.a.
S 14	17 46	20 27	1s15	22 7	1 51	18 10	0 34	11 36	1 52	2 26	0 54	21 58	0 17	12 48	0 9	14 36	0 55	32 7	16 22	22 15	22 5	22 34		n.a.
S 15	18 2	17 25	2 24	22 31	1 50	18 33	0 37	11 23	1 52	2 30	0 54	21 59	0 18	12 49	0 9	14 37	0 55	32 6	16 21	22 14	22 6	22 34		n.a.
M16	18 18	13 28	3 25	22 53	1 49	18 56	0 39	11 9	1 52	2 35	0 54	22 1	0 18	12 50	0 9	14 38	0 55	32 5	16 21	22 15	22 6	22 34		n.a.
T 17	18 34	8 53	4 12	23 13	1 47	19 18	0 41	10 55	1 52	2 40	0 54	22 2	0 18	12 52	0 9	14 38	0 55	32 5	16 20	22 15	22 7	22 34		n.a.
W18	18 49	3 57	4 45	23 31	1 44	19 40	0 43	10 42	1 53	2 44	0 54	22 4	0 18	12 53	0 9	14 39	0 55	32 4	16 20	22 16	22 7	22 34		n.a.
T 19	19 5	1n 5	5 2	23 47	1 42	20 1	0 45	10 28	1 53	2 49	0 54	22 5	0 18	12 54	0 9	14 40	0 55	32 3	16 19	22 17	22 8	22 35		n.a.
F 20	19 19	6 0	5 4	24 1	1 38	20 22	0 47	10 15	1 53	2 54	0 54	22 6	0 18	12 55	0 9	14 41	0 55	32 2	16 18	22 19	22 8	22 35		n.a.
S 21	19 34	10 34	4 50	24 14	1 35	20 42	0 49	10 1	1 53	2 58	0 54	22 8	0 18	12 57	0 9	14 41	0 55	32 2	16 18	22 20	22 9	22 35		n.a.
S 22	19 48	14 38	4 22	24 24	1 31	21 2	0 51	9 47	1 53	3 3	0 54	22 9	0 18	12 58	0 9	14 42	0 55	32 1	16 17	22 22	22 9	22 35		n.a.
M23	20 2	18 0	3 43	24 33	1 26	21 21	0 52	9 34	1 53	3 7	0 54	22 11	0 18	12 59	0 9	14 43	0 55	32 0	16 17	22 23	22 10	22 35		n.a.
T 24	20 16	20 33	2 54	24 39	1 21	21 39	0 54	9 20	1 53	3 12	0 54	22 12	0 18	13 0	0 9	14 43	0 55	31 59	16 16	22 25	22 10	22 35		n.a.
W25	20 29	22 9	1 57	24 45	1 16	21 57	0 56	9 7	1 53	3 16	0 54	22 13	0 18	13 1	0 9	14 44	0 55	31 58	16 16	22 25	22 11	22 35		n.a.
T 26	20 42	22 45	0 56	24 48	1 11	22 14	0 58	8 53	1 53	3 21	0 54	22 15	0 18	13 3	0 9	14 45	0 55	31 57	16 15	22 26	22 12	22 36		n.a.
F 27	20 54	22 20	0n 7	24 50	1 5	22 31	1 0	8 40	1 53	3 25	0 54	22 16	0 18	13 4	0 9	14 45	0 55	31 57	16 14	22 26	22 12	22 36		n.a.
S 28	21 7	20 55	1 11	24 51	0 59	22 46	1 1	8 26	1 53	3 29	0 54	22 18	0 19	13 5	0 9	14 46	0 55	31 56	16 14	22 26	22 13	22 36		n.a.
S 29	21 18	18 35	2 11	24 50	0 53	23 2	1 3	8 13	1 53	3 34	0 54	22 19	0 19	13 6	0 9	14 47	0 55	31 55	16 13	22 26	22 13	22 36		n.a.
M30	21n30	15n26	3n 7	24n47	0n46	23n16	1n 4	8s 0	1s53	3n38	0s54	22n20	0n19	13n 7	0s 9	14n47	0s55	31n54	16n13	22n25	22n14	22n36		n.a.

Julian Day Number = 194829.5, Delta T = 32h21m12s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'34, Lahiri = -61°22'34 Julian Calendar 1 June 4180 BCE == Greg. Calendar 29 Apr. 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

JULY 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 26 57	4♊45'23	10♍12	26♊27	8♊56	15♓ 4	11♈ 8	6♊47	4♉12	11♉23	15♎48	20°R59	22♋ 8	15♋ 9	n.a.	T 1
W 2	16 30 54	5°43'40	22°47	27°55	10°11	15°37	11°18	6°55	4°15	11°25	15°49	20♋58	22° 5	15°15	n.a.	W 2
T 3	16 34 50	6°41'59	5♎47	29°22	11°26	16°10	11°28	7° 2	4°18	11°27	15°50	20°54	22° 2	15°22	n.a.	T 3
F 4	16 38 47	7°40'20	19°13	0♋47	12°40	16°43	11°39	7° 9	4°22	11°29	15°52	20°49	21°59	15°29	n.a.	F 4
S 5	16 42 43	8°38'43	3♏ 8	2°11	13°55	17°15	11°49	7°17	4°25	11°31	15°53	20°43	21°56	15°35	n.a.	S 5
S 6	16 46 40	9°37'08	17°28	3°33	15°10	17°48	11°59	7°24	4°28	11°33	15°54	20°37	21°53	15°42	n.a.	S 6
M 7	16 50 37	10°35'35	2♐10	4°54	16°25	18°20	12° 9	7°32	4°31	11°35	15°55	20°31	21°49	15°49	n.a.	M 7
T 8	16 54 33	11°34'05	17° 6	6°14	17°40	18°52	12°19	7°39	4°34	11°37	15°57	20°26	21°46	15°55	n.a.	T 8
W 9	16 58 30	12°32'36	2♑ 7	7°32	18°55	19°24	12°28	7°46	4°37	11°39	15°58	20°23	21°43	16° 2	n.a.	W 9
T 10	17 2 26	13°31'10	17° 5	8°48	20° 9	19°56	12°38	7°54	4°40	11°41	15°59	20°D22	21°40	16° 9	n.a.	T 10
F 11	17 6 23	14°29'46	1♒53	10° 3	21°24	20°27	12°47	8° 1	4°43	11°43	16° 1	20°22	21°37	16°15	n.a.	F 11
S 12	17 10 19	15°28'24	16°24	11°15	22°39	20°58	12°57	8° 8	4°47	11°45	16° 2	20°24	21°33	16°22	n.a.	S 12
S 13	17 14 16	16°27'05	0♓36	12°27	23°54	21°29	13° 6	8°16	4°49	11°47	16° 4	20°25	21°30	16°28	n.a.	S 13
M14	17 18 12	17°25'48	14°26	13°36	25° 9	22° 0	13°15	8°23	4°52	11°49	16° 5	20°R26	21°27	16°35	n.a.	M14
T 15	17 22 9	18°24'34	27°56	14°43	26°24	22°30	13°24	8°30	4°55	11°51	16° 7	20°25	21°24	16°42	n.a.	T 15
W16	17 26 5	19°23'23	11♈ 7	15°48	27°39	23° 0	13°33	8°38	4°58	11°52	16° 8	20°24	21°21	16°48	n.a.	W16
T 17	17 30 2	20°22'13	24° 2	16°51	28°54	23°30	13°42	8°45	5° 1	11°54	16°10	20°21	21°18	16°55	n.a.	T 17
F 18	17 33 58	21°21'07	6♉41	17°51	0♋ 9	24° 0	13°50	8°52	5° 4	11°56	16°11	20°16	21°14	17° 2	n.a.	F 18
S 19	17 37 55	22°20'03	19° 7	18°48	1°24	24°30	13°59	8°59	5° 7	11°58	16°13	20°12	21°11	17° 8	n.a.	S 19
S 20	17 41 52	23°19'01	1♊22	19°43	2°39	24°59	14° 7	9° 7	5° 9	12° 0	16°15	20° 7	21° 8	17°15	n.a.	S 20
M21	17 45 48	24°18'02	13°27	20°35	3°54	25°28	14°16	9°14	5°12	12° 2	16°16	20° 3	21° 5	17°22	n.a.	M21
T 22	17 49 45	25°17'05	25°25	21°24	5° 9	25°56	14°24	9°21	5°15	12° 3	16°18	20° 0	21° 2	17°28	n.a.	T 22
W23	17 53 41	26°16'10	7♋17	22° 9	6°24	26°25	14°32	9°28	5°17	12° 5	16°20	19°58	20°59	17°35	n.a.	W23
T 24	17 57 38	27°15'18	19° 4	22°50	7°39	26°53	14°40	9°36	5°20	12° 7	16°22	19°D57	20°55	17°42	n.a.	T 24
F 25	18 1 34	28°14'28	0♌50	23°27	8°54	27°20	14°47	9°43	5°23	12° 8	16°23	19°57	20°52	17°48	n.a.	F 25
S 26	18 5 31	29°13'40	12°38	23°59	10° 9	27°48	14°55	9°50	5°25	12°10	16°25	19°59	20°49	17°55	n.a.	S 26
S 27	18 9 27	0♋12'54	24°30	24°27	11°24	28°15	15° 2	9°57	5°28	12°12	16°27	20° 0	20°46	18° 2	n.a.	S 27
M28	18 13 24	1°12'10	6♍32	24°50	12°39	28°42	15°10	10° 4	5°30	12°13	16°29	20° 2	20°43	18° 8	n.a.	M28
T 29	18 17 20	2°11'28	18°46	25° 6	13°54	29° 8	15°17	10°11	5°33	12°15	16°31	20° 3	20°39	18°15	n.a.	T 29
W30	18 21 17	3°10'48	1♎19	25°17	15° 9	29°35	15°24	10°18	5°35	12°16	16°33	20°R 3	20°36	18°21	n.a.	W30
T 31	18 25 13	4♋10'10	14♎13	25°R21	16♋24	0♈ 1	15♈31	10♊25	5♉37	12♉18	16♎35	20♋ 3	20♋33	18♋28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n41	11n34	3n55	24n43	0n39	23n30	1n 6	7s46	1s53	3n42	0s54	22n22	0n19	13n 9	0s 9	14n48	0s55	31n53	16n12	22n25	22n14	22n36			n.a.
W 2	21 52	7 6	4 34	24 38	0 32	23 43	1 7	7 33	1 53	3 46	0 54	22 23	0 19	13 10	0 9	14 49	0 55	31 52	16 12	22 26	22 15	22 36			n.a.
T 3	22 2	2 12	4 59	24 32	0 25	23 55	1 9	7 20	1 53	3 50	0 54	22 25	0 19	13 11	0 8	14 49	0 55	31 51	16 11	22 26	22 15	22 36			n.a.
F 4	22 12	2s58	5 10	24 24	0 18	24 7	1 10	7 7	1 53	3 55	0 54	22 26	0 19	13 12	0 8	14 50	0 55	31 50	16 11	22 27	22 16	22 36			n.a.
S 5	22 22	8 10	5 3	24 16	0 10	24 18	1 12	6 54	1 53	3 59	0 54	22 27	0 19	13 13	0 8	14 51	0 55	31 49	16 10	22 28	22 16	22 37			n.a.
S 6	22 31	13 6	4 37	24 6	0 2	24 28	1 13	6 41	1 53	4 3	0 54	22 29	0 19	13 14	0 8	14 51	0 55	31 49	16 9	22 29	22 17	22 37			n.a.
M 7	22 40	17 23	3 52	23 55	0s 6	24 37	1 14	6 28	1 53	4 7	0 54	22 30	0 19	13 15	0 8	14 52	0 55	31 48	16 9	22 30	22 17	22 37			n.a.
T 8	22 48	20 38	2 51	23 43	0 14	24 46	1 15	6 15	1 53	4 10	0 54	22 31	0 19	13 16	0 8	14 53	0 55	31 47	16 8	22 31	22 18	22 37			n.a.
W 9	22 56	22 28	1 38	23 31	0 23	24 54	1 16	6 2	1 53	4 14	0 54	22 33	0 19	13 17	0 8	14 53	0 55	31 46	16 8	22 31	22 18	22 37			n.a.
T 10	23 4	22 41	0 18	23 17	0 31	25 1	1 17	5 49	1 53	4 18	0 54	22 34	0 20	13 18	0 8	14 54	0 55	31 45	16 7	22 31	22 19	22 37			n.a.
F 11	23 11	21 19	1s 3	23 3	0 40	25 8	1 18	5 36	1 52	4 22	0 54	22 35	0 20	13 20	0 8	14 54	0 55	31 44	16 7	22 31	22 19	22 37			n.a.
S 12	23 18	18 33	2 18	22 48	0 49	25 13	1 19	5 23	1 52	4 26	0 54	22 36	0 20	13 21	0 8	14 55	0 55	31 43	16 6	22 31	22 20	22 37			n.a.
S 13	23 24	14 43	3 22	22 33	0 58	25 18	1 20	5 11	1 52	4 29	0 54	22 38	0 20	13 22	0 8	14 56	0 55	31 42	16 6	22 31	22 20	22 37			n.a.
M14	23 30	10 10	4 14	22 17	1 7	25 22	1 21	4 58	1 52	4 33	0 54	22 39	0 20	13 23	0 8	14 56	0 55	31 41	16 5	22 31	22 21	22 37			n.a.
T 15	23 35	5 15	4 50	22 1	1 16	25 25	1 22	4 46	1 52	4 36	0 54	22 40	0 20	13 24	0 8	14 57	0 55	31 40	16 5	22 31	22 21	22 37			n.a.
W16	23 40	0 12	5 9	21 44	1 25	25 28	1 22	4 33	1 52	4 40	0 54	22 42	0 20	13 25	0 8	14 57	0 55	31 39	16 4	22 31	22 22	22 37			n.a.
T 17	23 45	4n45	5 13	21 27	1 34	25 29	1 23	4 21	1 52	4 43	0 54	22 43	0 20	13 26	0 8	14 58	0 55	31 38	16 4	22 31	22 23	22 37			n.a.
F 18	23 49	9 24	5 1	21 10	1 44	25 30	1 23	4 9	1 52	4 47	0 54	22 44	0 20	13 27	0 8	14 58	0 55	31 37	16 3	22 32	22 23	22 37			n.a.
S 19	23 53	13 36	4 35	20 53	1 53	25 30	1 24	3 57	1 51	4 50	0 54	22 45	0 20	13 28	0 8	14 59	0 55	31 36	16 3	22 33	22 24	22 37			n.a.
S 20	23 56	17 10	3 56	20 36	2 2	25 30	1 24	3 45	1 51	4 53	0 54	22 47	0 20	13 29	0 8	15 0	0 55	31 35	16 2	22 34	22 24	22 37			n.a.
M21	23 59	19 57	3 8	20 20	2 11	25 28	1 25	3 33	1 51	4 57	0 54	22 48	0 21	13 29	0 8	15 0	0 55	31 34	16 2	22 34	22 25	22 37			n.a.
T 22	24 1	21 51	2 11	20 3	2 20	25 26	1 25	3 21	1 51	5 0	0 54	22 49	0 21	13 30	0 8	15 1	0 55	31 33	16 2	22 35	22 25	22 37			n.a.
W23	24 3	22 45	1 9	19 47	2 29	25 22	1 25	3 9	1 51	5 3	0 54	22 50	0 21	13 31	0 8	15 1	0 55	31 32	16 1	22 35	22 26	22 37			n.a.
T 24	24 5	22 38	0 5	19 32	2 38	25 19	1 25	2 57	1 51	5 6	0 54	22 51	0 21	13 32	0 8	15 2	0 55	31 31	16 1	22 35	22 26	22 37			n.a.
F 25	24 6	21 30	1n 0	19 17	2 46	25 14	1 26	2 46	1 50	5 9	0 54	22 53	0 21	13 33	0 8	15 2	0 55	31 30	16 0	22 35	22 27	22 37			n.a.
S 26	24 7	19 26	2 2	19 4	2 54	25 8	1 26	2 34	1 50	5 12	0 54	22 54	0 21	13 34	0 8	15 3	0 55	31 29	16 0	22 35	22 27	22 37			n.a.
S 27	24 7	16 32	3 0	18 51	3 2	25 2	1 26	2 23	1 50	5 15	0 54	22 55	0 21	13 35	0 8	15 3	0 55	31 28	15 59	22 35	22 28	22 37			n.a.
M28	24 6	12 55	3 50	18 40	3 9	24 55	1 26	2 12	1 50	5 18	0 55	22 56	0 21	13 36	0 8	15 4	0 55	31 27	15 59	22 34	22 28	22 37			n.a.
T 29	24 6	8 42	4 31	18 30	3 16	24 47	1 25	2 1	1 49	5 21	0 55	22 57	0 21	13 36	0 8	15 4	0 55	31 26	15 59	22 34	22 29	22 37			n.a.
W30	24 4	4 2	5 0	18 22	3 22	24 38	1 25	1 50	1 49	5 24	0 55	22 58	0 21	13 37	0 8	15 5	0 55	31 25	15 58	22 34	22 29	22 37			n.a.
T 31	24n 3	0s56	5n15	18n16	3s28	24n29	1n25	1s39	1s49	5n26	0s55	23n 0	0n22	13n38	0s 8	15n 5	0s55	31n24	15n58	22n34	22n30	22n37			n.a.

Julian Day Number = 194859.5, Delta T = 32h21m09s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'30, Lahiri = -61°22'30 Julian Calendar 1 July 4180 BCE == Greg. Calendar 29 May 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

AUGUST 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 29 10	5♋ 9'34	27♎32	25°R18	17♋39	0♈26	15♈38	10♊32	5♉40	12♉20	16♌37	20°R 2	20♋30	18♋35	n.a.	F 1
S 2	18 33 6	6° 9'00	11♏19	25♋ 8	18°54	0°51	15°44	10°39	5°42	12°21	16°39	20♋ 1	20°27	18°41	n.a.	S 2
S 3	18 37 3	7° 8'28	25°34	24°50	20° 9	1°16	15°51	10°46	5°44	12°22	16°41	19°59	20°24	18°48	n.a.	S 3
M 4	18 41 0	8° 7'59	10♐14	24°24	21°24	1°41	15°57	10°53	5°46	12°24	16°43	19°58	20°20	18°55	n.a.	M 4
T 5	18 44 56	9° 7'31	25°13	23°51	22°40	2° 5	16° 3	10°59	5°48	12°25	16°45	19°56	20°17	19° 1	n.a.	T 5
W 6	18 48 53	10° 7'06	10♑24	23° 9	23°55	2°29	16° 9	11° 6	5°50	12°27	16°47	19°56	20°14	19° 8	n.a.	W 6
T 7	18 52 49	11° 6'43	25°37	22°19	25°10	2°52	16°15	11°13	5°52	12°28	16°49	19°D56	20°11	19°15	n.a.	T 7
F 8	18 56 46	12° 6'22	10♒42	21°23	26°25	3°15	16°20	11°20	5°54	12°29	16°51	19°56	20° 8	19°21	n.a.	F 8
S 9	19 0 42	13° 6'04	25°32	20°20	27°40	3°38	16°26	11°26	5°56	12°31	16°53	19°57	20° 5	19°28	n.a.	S 9
S 10	19 4 39	14° 5'48	10♓ 0	19°12	28°55	4° 0	16°31	11°33	5°58	12°32	16°55	19°57	20° 1	19°35	n.a.	S 10
M11	19 8 35	15° 5'35	24° 2	18° 1	0♌10	4°22	16°36	11°40	6° 0	12°33	16°57	19°58	19°58	19°41	n.a.	M11
T 12	19 12 32	16° 5'24	7♈39	16°48	1°25	4°43	16°41	11°46	6° 2	12°34	16°59	19°58	19°55	19°48	n.a.	T 12
W13	19 16 28	17° 5'15	20°51	15°35	2°40	5° 4	16°46	11°53	6° 3	12°36	17° 2	19°R58	19°52	19°55	n.a.	W13
T 14	19 20 25	18° 5'10	3♉40	14°25	3°55	5°25	16°51	11°59	6° 5	12°37	17° 4	19°58	19°49	20° 1	n.a.	T 14
F 15	19 24 21	19° 5'06	16°11	13°19	5°10	5°45	16°55	12° 5	6° 7	12°38	17° 6	19°58	19°45	20° 8	n.a.	F 15
S 16	19 28 18	20° 5'05	28°26	12°20	6°25	6° 4	17° 0	12°12	6° 8	12°39	17° 8	19°D58	19°42	20°14	n.a.	S 16
S 17	19 32 14	21° 5'07	10♊30	11°28	7°40	6°24	17° 4	12°18	6°10	12°40	17°10	19°58	19°39	20°21	n.a.	S 17
M18	19 36 11	22° 5'11	22°26	10°47	8°55	6°42	17° 8	12°24	6°11	12°41	17°13	19°58	19°36	20°28	n.a.	M18
T 19	19 40 8	23° 5'17	4♋16	10°15	10°10	7° 0	17°11	12°31	6°13	12°42	17°15	19°58	19°33	20°34	n.a.	T 19
W20	19 44 4	24° 5'25	16° 4	9°55	11°25	7°18	17°15	12°37	6°14	12°43	17°17	19°R58	19°30	20°41	n.a.	W20
T 21	19 48 1	25° 5'36	27°51	9°D46	12°40	7°35	17°18	12°43	6°16	12°44	17°20	19°58	19°26	20°48	n.a.	T 21
F 22	19 51 57	26° 5'49	9♌39	9°49	13°55	7°52	17°21	12°49	6°17	12°45	17°22	19°58	19°23	20°54	n.a.	F 22
S 23	19 55 54	27° 6'03	21°32	10° 2	15°10	8° 8	17°25	12°55	6°18	12°46	17°24	19°57	19°20	21° 1	n.a.	S 23
S 24	19 59 50	28° 6'20	3♍31	10°26	16°25	8°24	17°27	13° 1	6°19	12°47	17°27	19°56	19°17	21° 8	n.a.	S 24
M25	20 3 47	29° 6'38	15°39	10°59	17°40	8°39	17°30	13° 7	6°20	12°48	17°29	19°55	19°14	21°14	n.a.	M25
T 26	20 7 43	0♌ 6'58	27°58	11°42	18°55	8°53	17°32	13°13	6°22	12°48	17°31	19°54	19°11	21°21	n.a.	T 26
W27	20 11 40	1° 7'20	10♎32	12°32	20°10	9° 7	17°35	13°18	6°23	12°49	17°34	19°53	19° 7	21°28	n.a.	W27
T 28	20 15 36	2° 7'44	23°23	13°30	21°25	9°20	17°37	13°24	6°24	12°50	17°36	19°52	19° 4	21°34	n.a.	T 28
F 29	20 19 33	3° 8'10	6♏35	14°33	22°40	9°33	17°39	13°30	6°24	12°50	17°38	19°D52	19° 1	21°41	n.a.	F 29
S 30	20 23 29	4° 8'37	20°11	15°43	23°55	9°45	17°40	13°35	6°25	12°51	17°41	19°52	18°58	21°48	n.a.	S 30
S 31	20 27 26	5♌ 9'06	4♐11	16♋57	25♌10	9♈56	17♈42	13♊41	6♉26	12♉52	17♌43	19♋53	18♋55	21♋54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	24n 0	6s 1	5n14	18n12	3s32	24n18	1n25	1s28	1s49	5n29	0s55	23n 1	0n22	13n39	0s 8	15n 6	0s55	31n23	15n57	22n34	22n30	22n37		n.a.
S 2	23 58	10 59	4 56	18 10	3 36	24 8	1 24	1 18	1 48	5 31	0 55	23 2	0 22	13 40	0 8	15 6	0 55	31 22	15 57	22 34	22 31	22 37		n.a.
S 3	23 55	15 31	4 18	18 11	3 38	23 56	1 24	1 7	1 48	5 34	0 55	23 3	0 22	13 40	0 8	15 7	0 55	31 21	15 57	22 35	22 31	22 37		n.a.
M 4	23 51	19 16	3 23	18 15	3 39	23 43	1 23	0 57	1 48	5 36	0 55	23 4	0 22	13 41	0 8	15 7	0 55	31 20	15 56	22 35	22 31	22 37		n.a.
T 5	23 47	21 48	2 13	18 22	3 38	23 30	1 23	0 47	1 47	5 39	0 55	23 5	0 22	13 42	0 8	15 7	0 55	31 19	15 56	22 35	22 32	22 37		n.a.
W 6	23 43	22 49	0 53	18 31	3 36	23 16	1 22	0 37	1 47	5 41	0 55	23 6	0 22	13 43	0 8	15 8	0 55	31 18	15 56	22 35	22 32	22 36		n.a.
T 7	23 38	22 8	0s32	18 43	3 32	23 2	1 21	0 27	1 47	5 43	0 55	23 7	0 22	13 43	0 8	15 8	0 55	31 17	15 55	22 35	22 33	22 36		n.a.
F 8	23 33	19 51	1 53	18 58	3 26	22 47	1 20	0 17	1 46	5 45	0 55	23 8	0 22	13 44	0 8	15 9	0 55	31 16	15 55	22 35	22 33	22 36		n.a.
S 9	23 27	16 16	3 5	19 16	3 18	22 31	1 19	0 8	1 46	5 48	0 55	23 9	0 22	13 45	0 8	15 9	0 55	31 15	15 54	22 35	22 34	22 36		n.a.
S 10	23 20	11 47	4 4	19 36	3 7	22 14	1 18	0n 2	1 45	5 50	0 55	23 10	0 23	13 45	0 8	15 9	0 55	31 14	15 54	22 35	22 34	22 36		n.a.
M11	23 14	6 47	4 46	19 58	2 55	21 57	1 17	0 11	1 45	5 52	0 55	23 11	0 23	13 46	0 8	15 10	0 55	31 13	15 54	22 35	22 35	22 36		n.a.
T 12	23 7	1 37	5 11	20 22	2 41	21 39	1 16	0 20	1 45	5 54	0 55	23 13	0 23	13 46	0 8	15 10	0 55	31 12	15 54	22 35	22 35	22 36		n.a.
W13	22 59	3n28	5 18	20 47	2 25	21 20	1 15	0 29	1 44	5 55	0 55	23 14	0 23	13 47	0 8	15 11	0 55	31 11	15 53	22 35	22 36	22 36		n.a.
T 14	22 51	8 15	5 9	21 12	2 7	21 1	1 14	0 38	1 44	5 57	0 55	23 15	0 23	13 48	0 8	15 11	0 55	31 10	15 53	22 35	22 36	22 36		n.a.
F 15	22 43	12 36	4 46	21 38	1 48	20 41	1 13	0 46	1 43	5 59	0 55	23 15	0 23	13 48	0 8	15 11	0 55	31 9	15 53	22 35	22 37	22 35		n.a.
S 16	22 34	16 19	4 9	22 3	1 29	20 21	1 12	0 55	1 43	6 1	0 55	23 16	0 23	13 49	0 8	15 12	0 55	31 8	15 52	22 35	22 37	22 35		n.a.
S 17	22 24	19 19	3 23	22 27	1 9	20 0	1 10	1 3	1 42	6 2	0 55	23 17	0 23	13 49	0 8	15 12	0 55	31 7	15 52	22 35	22 38	22 35		n.a.
M18	22 15	21 26	2 27	22 51	0 49	19 38	1 9	1 11	1 42	6 4	0 56	23 18	0 23	13 50	0 8	15 12	0 55	31 6	15 52	22 35	22 38	22 35		n.a.
T 19	22 4	22 36	1 26	23 13	0 30	19 16	1 7	1 19	1 41	6 5	0 56	23 19	0 23	13 50	0 8	15 13	0 55	31 5	15 52	22 35	22 39	22 35		n.a.
W20	21 54	22 45	0 22	23 33	0 11	18 54	1 6	1 27	1 40	6 6	0 56	23 20	0 24	13 51	0 8	15 13	0 55	31 4	15 51	22 35	22 39	22 35		n.a.
T 21	21 43	21 53	0n44	23 51	0n 7	18 30	1 4	1 34	1 40	6 8	0 56	23 21	0 24	13 51	0 8	15 13	0 55	31 3	15 51	22 35	22 40	22 34		n.a.
F 22	21 31	20 3	1 47	24 8	0 23	18 7	1 3	1 42	1 39	6 9	0 56	23 22	0 24	13 52	0 8	15 13	0 55	31 2	15 51	22 35	22 40	22 34		n.a.
S 23	21 19	17 20	2 47	24 22	0 39	17 42	1 1	1 49	1 39	6 10	0 56	23 23	0 24	13 52	0 8	15 14	0 55	31 1	15 51	22 35	22 41	22 34		n.a.
S 24	21 7	13 53	3 39	24 34	0 53	17 18	0 59	1 55	1 38	6 11	0 56	23 24	0 24	13 53	0 8	15 14	0 55	31 0	15 50	22 35	22 41	22 34		n.a.
M25	20 55	9 49	4 23	24 44	1 5	16 53	0 57	2 2	1 37	6 12	0 56	23 25	0 24	13 53	0 8	15 14	0 56	30 59	15 50	22 35	22 41	22 34		n.a.
T 26	20 42	5 19	4 54	24 51	1 17	16 27	0 56	2 9	1 37	6 13	0 56	23 26	0 24	13 53	0 8	15 14	0 56	30 58	15 50	22 36	22 42	22 34		n.a.
W27	20 28	0 30	5 13	24 56	1 27	16 1	0 54	2 15	1 36	6 14	0 56	23 26	0 24	13 54	0 8	15 15	0 56	30 57	15 50	22 36	22 42	22 33		n.a.
T 28	20 14	4s27	5 17	24 59	1 35	15 34	0 52	2 21	1 35	6 15	0 56	23 27	0 25	13 54	0 8	15 15	0 56	30 56	15 50	22 36	22 43	22 33		n.a.
F 29	20 0	9 19	5 4	24 59	1 42	15 7	0 50	2 27	1 34	6 15	0 56	23 28	0 25	13 54	0 8	15 15	0 56	30 55	15 49	22 36	22 43	22 33		n.a.
S 30	19 46	13 54	4 34	24 57	1 49	14 40	0 48	2 32	1 34	6 16	0 56	23 29	0 25	13 55	0 8	15 15	0 56	30 54	15 49	22 36	22 44	22 33		n.a.
S 31	19n31	17s51	3n47	24n53	1n54	14n12	0n46	2n38	1s33	6n16	0s56	23n30	0n25	13n55	0s 8	15n15	0s56	30n53	15n49	22n36	22n44	22n33		n.a.

Julian Day Number = 194890.5, Delta T = 32h21m06s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'26, Lahiri = -61°22'26 Julian Calendar 1 Aug. 4180 BCE == Greg. Calendar 29 June 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

SEPTEMBER 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 31 23	6♌ 9'36	18♐35	18♋15	26♌25	10♈ 7	17♈43	13♊46	6♉27	12♉52	17♌46	19♋54	18♋51	22♋ 1	n.a.	M 1
T 2	20 35 19	7°10'08	3♑21	19°37	27°40	10°17	17°44	13°51	6°28	12°53	17°48	19°55	18°48	22° 7	n.a.	T 2
W 3	20 39 16	8°10'42	18°23	21° 2	28°55	10°27	17°45	13°57	6°28	12°53	17°50	19°R56	18°45	22°14	n.a.	W 3
T 4	20 43 12	9°11'17	3♒34	22°29	0♍10	10°36	17°46	14° 2	6°29	12°54	17°53	19°56	18°42	22°21	n.a.	T 4
F 5	20 47 9	10°11'55	18°44	23°58	1°25	10°44	17°46	14° 7	6°29	12°54	17°55	19°54	18°39	22°27	n.a.	F 5
S 6	20 51 5	11°12'34	3♓43	25°29	2°40	10°51	17°46	14°12	6°30	12°55	17°58	19°52	18°36	22°34	n.a.	S 6
S 7	20 55 2	12°13'15	18°23	27° 1	3°54	10°58	17°R46	14°17	6°30	12°55	18° 0	19°49	18°32	22°41	n.a.	S 7
M 8	20 58 58	13°13'57	2♈39	28°34	5° 9	11° 4	17°46	14°22	6°31	12°56	18° 3	19°45	18°29	22°47	n.a.	M 8
T 9	21 2 55	14°14'42	16°26	0♌ 8	6°24	11° 9	17°46	14°27	6°31	12°56	18° 5	19°42	18°26	22°54	n.a.	T 9
W10	21 6 51	15°15'28	29°46	1°43	7°39	11°14	17°46	14°32	6°31	12°56	18° 8	19°40	18°23	23° 1	n.a.	W10
T 11	21 10 48	16°16'17	12♉39	3°19	8°54	11°18	17°45	14°37	6°31	12°56	18°10	19°D39	18°20	23° 7	n.a.	T 11
F 12	21 14 44	17°17'07	25° 9	4°55	10° 8	11°21	17°44	14°41	6°32	12°57	18°12	19°39	18°17	23°14	n.a.	F 12
S 13	21 18 41	18°18'00	7♊22	6°31	11°23	11°23	17°43	14°46	6°32	12°57	18°15	19°41	18°13	23°21	n.a.	S 13
S 14	21 22 38	19°18'54	19°21	8° 7	12°38	11°24	17°41	14°50	6°R32	12°57	18°17	19°42	18°10	23°27	n.a.	S 14
M15	21 26 34	20°19'50	1♋11	9°43	13°53	11°R25	17°40	14°55	6°32	12°57	18°20	19°44	18° 7	23°34	n.a.	M15
T 16	21 30 31	21°20'48	12°58	11°19	15° 7	11°25	17°38	14°59	6°32	12°57	18°22	19°46	18° 4	23°41	n.a.	T 16
W17	21 34 27	22°21'47	24°44	12°56	16°22	11°24	17°36	15° 3	6°31	12°57	18°25	19°R46	18° 1	23°47	n.a.	W17
T 18	21 38 24	23°22'48	6♌34	14°32	17°37	11°22	17°34	15° 7	6°31	12°R57	18°27	19°44	17°57	23°54	n.a.	T 18
F 19	21 42 20	24°23'50	18°29	16° 8	18°52	11°20	17°32	15°11	6°31	12°57	18°30	19°41	17°54	24° 0	n.a.	F 19
S 20	21 46 17	25°24'53	0♍31	17°44	20° 6	11°16	17°29	15°15	6°31	12°57	18°32	19°36	17°51	24° 7	n.a.	S 20
S 21	21 50 13	26°25'58	12°42	19°20	21°21	11°12	17°27	15°19	6°30	12°57	18°34	19°29	17°48	24°14	n.a.	S 21
M22	21 54 10	27°27'04	25° 3	20°56	22°35	11° 7	17°24	15°23	6°30	12°57	18°37	19°22	17°45	24°20	n.a.	M22
T 23	21 58 7	28°28'11	7♎36	22°31	23°50	11° 1	17°21	15°27	6°30	12°57	18°39	19°15	17°42	24°27	n.a.	T 23
W24	22 2 3	29°29'19	20°20	24° 7	25° 5	10°54	17°17	15°30	6°29	12°56	18°42	19° 8	17°38	24°34	n.a.	W24
T 25	22 6 0	0♍30'28	3♏18	25°42	26°19	10°46	17°14	15°34	6°28	12°56	18°44	19° 3	17°35	24°40	n.a.	T 25
F 26	22 9 56	1°31'38	16°31	27°18	27°34	10°37	17°10	15°37	6°28	12°56	18°47	19° 0	17°32	24°47	n.a.	F 26
S 27	22 13 53	2°32'49	0♐ 1	28°53	28°48	10°28	17° 6	15°41	6°27	12°56	18°49	18°D59	17°29	24°54	n.a.	S 27
S 28	22 17 49	3°34'01	13°48	0♍28	0♎ 3	10°18	17° 2	15°44	6°26	12°55	18°51	18°59	17°26	25° 0	n.a.	S 28
M29	22 21 46	4°35'13	27°54	2° 3	1°17	10° 7	16°58	15°47	6°26	12°55	18°54	19° 1	17°22	25° 7	n.a.	M29
T 30	22 25 42	5♍36'26	12♑18	3♍37	2♎32	9♈55	16♈54	15♊50	6♉25	12♉54	18♌56	19°R 2	17♋19	25♋14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n15	20s52	2n45	24n46	1n58	13n44	0n43	2n43	1s32	6n17	0s56	23n31	0n25	13n55	0s 8	15n15	0s56	30n52	15n49	22n35	22n45	22n32		n.a.
T 2	19 0	22 34	1 31	24 37	2 1	13 16	0 41	2 48	1 31	6 17	0 56	23 31	0 25	13 55	0 8	15 16	0 56	30 51	15 49	22 35	22 45	22 32		n.a.
W 3	18 44	22 40	0 9	24 26	2 3	12 47	0 39	2 52	1 30	6 18	0 56	23 32	0 25	13 56	0 8	15 16	0 56	30 50	15 49	22 35	22 46	22 32		n.a.
T 4	18 28	21 7	1s15	24 13	2 4	12 18	0 37	2 57	1 29	6 18	0 56	23 33	0 25	13 56	0 8	15 16	0 56	30 49	15 49	22 35	22 46	22 32		n.a.
F 5	18 11	18 3	2 33	23 58	2 4	11 49	0 35	3 1	1 29	6 18	0 56	23 34	0 25	13 56	0 8	15 16	0 56	30 48	15 49	22 35	22 47	22 31		n.a.
S 6	17 54	13 48	3 39	23 41	2 4	11 19	0 32	3 5	1 28	6 18	0 56	23 34	0 26	13 56	0 8	15 16	0 56	30 47	15 48	22 36	22 47	22 31		n.a.
S 7	17 37	8 49	4 29	23 22	2 3	10 49	0 30	3 8	1 27	6 18	0 56	23 35	0 26	13 56	0 8	15 16	0 56	30 46	15 48	22 36	22 47	22 31		n.a.
M 8	17 19	3 30	5 1	23 1	2 2	10 19	0 27	3 11	1 26	6 18	0 56	23 36	0 26	13 56	0 8	15 16	0 56	30 45	15 48	22 37	22 48	22 31		n.a.
T 9	17 1	1n49	5 15	22 39	2 0	9 48	0 25	3 15	1 25	6 18	0 56	23 37	0 26	13 57	0 8	15 16	0 56	30 45	15 48	22 37	22 48	22 30		n.a.
W10	16 43	6 53	5 10	22 15	1 58	9 17	0 23	3 17	1 23	6 18	0 56	23 37	0 26	13 57	0 8	15 16	0 56	30 44	15 48	22 38	22 49	22 30		n.a.
T 11	16 24	11 28	4 50	21 49	1 55	8 46	0 20	3 20	1 22	6 17	0 57	23 38	0 26	13 57	0 8	15 17	0 56	30 43	15 48	22 38	22 49	22 30		n.a.
F 12	16 5	15 26	4 17	21 22	1 51	8 15	0 18	3 22	1 21	6 17	0 57	23 39	0 26	13 57	0 8	15 17	0 56	30 42	15 48	22 38	22 50	22 29		n.a.
S 13	15 46	18 40	3 32	20 54	1 48	7 43	0 15	3 24	1 20	6 16	0 57	23 39	0 26	13 57	0 8	15 17	0 56	30 41	15 48	22 38	22 50	22 29		n.a.
S 14	15 27	21 1	2 39	20 25	1 44	7 12	0 13	3 26	1 19	6 16	0 57	23 40	0 27	13 57	0 8	15 17	0 56	30 40	15 48	22 37	22 51	22 29		n.a.
M15	15 7	22 26	1 40	19 55	1 39	6 40	0 10	3 27	1 18	6 15	0 57	23 41	0 27	13 57	0 8	15 17	0 56	30 39	15 48	22 37	22 51	22 29		n.a.
T 16	14 47	22 51	0 37	19 23	1 35	6 8	0 7	3 28	1 16	6 15	0 57	23 41	0 27	13 57	0 8	15 17	0 56	30 38	15 48	22 37	22 51	22 28		n.a.
W17	14 27	22 14	0n27	18 51	1 30	5 36	0 5	3 29	1 15	6 14	0 57	23 42	0 27	13 57	0 8	15 17	0 56	30 38	15 48	22 37	22 52	22 28		n.a.
T 18	14 6	20 37	1 31	18 17	1 25	5 4	0 2	3 30	1 14	6 13	0 57	23 42	0 27	13 57	0 8	15 17	0 56	30 37	15 48	22 37	22 52	22 28		n.a.
F 19	13 45	18 6	2 31	17 43	1 20	4 31	0s 1	3 30	1 12	6 12	0 57	23 43	0 27	13 57	0 8	15 17	0 56	30 36	15 48	22 37	22 53	22 27		n.a.
S 20	13 24	14 46	3 24	17 8	1 14	3 59	0 3	3 30	1 11	6 11	0 57	23 44	0 27	13 56	0 8	15 17	0 56	30 35	15 48	22 38	22 53	22 27		n.a.
S 21	13 3	10 48	4 9	16 32	1 9	3 26	0 6	3 29	1 9	6 10	0 57	23 44	0 28	13 56	0 8	15 17	0 56	30 34	15 48	22 39	22 54	22 27		n.a.
M22	12 42	6 19	4 43	15 55	1 3	2 53	0 9	3 29	1 8	6 9	0 57	23 45	0 28	13 56	0 8	15 16	0 56	30 34	15 48	22 40	22 54	22 26		n.a.
T 23	12 20	1 32	5 4	15 18	0 57	2 21	0 11	3 28	1 6	6 8	0 57	23 45	0 28	13 56	0 8	15 16	0 56	30 33	15 48	22 41	22 54	22 26		n.a.
W24	11 58	3s24	5 10	14 40	0 51	1 48	0 14	3 26	1 5	6 6	0 57	23 46	0 28	13 56	0 8	15 16	0 56	30 32	15 48	22 42	22 55	22 26		n.a.
T 25	11 36	8 16	5 1	14 1	0 45	1 15	0 17	3 25	1 3	6 5	0 57	23 46	0 28	13 56	0 8	15 16	0 56	30 31	15 48	22 43	22 55	22 25		n.a.
F 26	11 14	12 51	4 35	13 22	0 39	0 42	0 19	3 23	1 2	6 3	0 57	23 47	0 28	13 56	0 8	15 16	0 56	30 30	15 48	22 43	22 56	22 25		n.a.
S 27	10 51	16 55	3 54	12 42	0 33	0 9	0 22	3 21	1 0	6 2	0 57	23 47	0 28	13 55	0 8	15 16	0 56	30 30	15 48	22 44	22 56	22 24		n.a.
S 28	10 29	20 8	2 59	12 2	0 27	0s24	0 25	3 18	0 58	6 0	0 57	23 48	0 28	13 55	0 8	15 16	0 56	30 29	15 48	22 44	22 57	22 24		n.a.
M29	10 6	22 14	1 52	11 22	0 20	0 57	0 28	3 15	0 56	5 59	0 57	23 48	0 29	13 55	0 8	15 16	0 56	30 28	15 49	22 43	22 57	22 24		n.a.
T 30	9n43	22s55	0n36	10n41	0n14	1s30	0s30	3n12	0s55	5n57	0s57	23n49	0n29	13n55	0s 8	15n16	0s56	30n28	15n49	22n43	22n57	22n23		n.a.

Julian Day Number = 194921.5, Delta T = 32h21m02s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'22, Lahiri = -61°22'22 Julian Calendar 1 Sept. 4180 BCE == Greg. Calendar 30 July 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

OCTOBER 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 29 39	6♍37'40	26♉58	5♍12	3♎46	9°R42	16°R49	15♊53	6°R24	12°R54	18♌59	19°R 2	17♋16	25♋20	n.a.	W 1
T 2	22 33 36	7°38'54	11♒49	6°47	5° 0	9♈29	16♈44	15°56	6♉23	12♉54	19° 1	19♋ 0	17°13	25°27	n.a.	T 2
F 3	22 37 32	8°40'09	26°44	8°21	6°15	9°15	16°39	15°59	6°22	12°53	19° 3	18°55	17°10	25°34	n.a.	F 3
S 4	22 41 29	9°41'25	11♓35	9°56	7°29	9° 0	16°34	16° 1	6°21	12°52	19° 6	18°48	17° 7	25°40	n.a.	S 4
S 5	22 45 25	10°42'41	26°14	11°30	8°44	8°44	16°29	16° 4	6°20	12°52	19° 8	18°40	17° 3	25°47	n.a.	S 5
M 6	22 49 22	11°43'58	10♈33	13° 5	9°58	8°27	16°24	16° 6	6°19	12°51	19°10	18°31	17° 0	25°53	n.a.	M 6
T 7	22 53 18	12°45'17	24°26	14°39	11°12	8°10	16°18	16° 9	6°17	12°51	19°12	18°22	16°57	26° 0	n.a.	T 7
W 8	22 57 15	13°46'36	7♉52	16°14	12°26	7°52	16°12	16°11	6°16	12°50	19°15	18°15	16°54	26° 7	n.a.	W 8
T 9	23 1 11	14°47'55	20°51	17°49	13°41	7°33	16° 6	16°13	6°15	12°49	19°17	18°10	16°51	26°13	n.a.	T 9
F 10	23 5 8	15°49'16	3♊26	19°23	14°55	7°14	16° 0	16°15	6°14	12°49	19°19	18° 7	16°48	26°20	n.a.	F 10
S 11	23 9 5	16°50'38	15°41	20°58	16° 9	6°54	15°54	16°17	6°12	12°48	19°22	18°D 6	16°44	26°27	n.a.	S 11
S 12	23 13 1	17°52'00	27°40	22°33	17°23	6°34	15°48	16°19	6°11	12°47	19°24	18° 6	16°41	26°33	n.a.	S 12
M13	23 16 58	18°53'23	9♋31	24° 8	18°37	6°13	15°41	16°21	6° 9	12°46	19°26	18° 7	16°38	26°40	n.a.	M13
T 14	23 20 54	19°54'47	21°17	25°43	19°51	5°52	15°35	16°22	6° 8	12°45	19°28	18°R 7	16°35	26°47	n.a.	T 14
W15	23 24 51	20°56'11	3♌ 4	27°18	21° 5	5°30	15°28	16°24	6° 6	12°44	19°30	18° 6	16°32	26°53	n.a.	W15
T 16	23 28 47	21°57'36	14°57	28°53	22°19	5° 7	15°21	16°25	6° 5	12°44	19°33	18° 2	16°28	27° 0	n.a.	T 16
F 17	23 32 44	22°59'01	26°59	0♎29	23°33	4°44	15°14	16°27	6° 3	12°43	19°35	17°56	16°25	27° 7	n.a.	F 17
S 18	23 36 41	24° 0'27	9♍12	2° 4	24°47	4°21	15° 7	16°28	6° 1	12°42	19°37	17°47	16°22	27°13	n.a.	S 18
S 19	23 40 37	25° 1'53	21°38	3°40	26° 1	3°58	15° 0	16°29	5°59	12°41	19°39	17°35	16°19	27°20	n.a.	S 19
M20	23 44 34	26° 3'19	4♎17	5°16	27°15	3°34	14°53	16°30	5°58	12°40	19°41	17°22	16°16	27°27	n.a.	M20
T 21	23 48 30	27° 4'45	17°10	6°51	28°29	3°10	14°45	16°31	5°56	12°39	19°43	17° 9	16°13	27°33	n.a.	T 21
W22	23 52 27	28° 6'11	0♏15	8°27	29°43	2°46	14°38	16°32	5°54	12°37	19°45	16°57	16° 9	27°40	n.a.	W22
T 23	23 56 23	29° 7'36	13°31	10° 3	0♏57	2°22	14°30	16°32	5°52	12°36	19°47	16°48	16° 6	27°46	n.a.	T 23
F 24	0 0 20	0♎ 9'02	26°58	11°39	2°11	1°58	14°23	16°33	5°50	12°35	19°49	16°41	16° 3	27°53	n.a.	F 24
S 25	0 4 17	1°10'28	10♐34	13°15	3°24	1°34	14°15	16°33	5°48	12°34	19°51	16°37	16° 0	28° 0	n.a.	S 25
S 26	0 8 13	2°11'53	24°21	14°50	4°38	1°10	14° 7	16°34	5°46	12°33	19°53	16°35	15°57	28° 6	n.a.	S 26
M27	0 12 10	3°13'17	8♑18	16°26	5°52	0°46	13°59	16°34	5°44	12°32	19°55	16°D35	15°53	28°13	n.a.	M27
T 28	0 16 6	4°14'41	22°25	18° 1	7° 5	0°22	13°51	16°34	5°42	12°30	19°57	16°R35	15°50	28°20	n.a.	T 28
W29	0 20 3	5°16'05	6♒42	19°35	8°19	29♓58	13°43	16°R34	5°40	12°29	19°59	16°34	15°47	28°26	n.a.	W29
T 30	0 23 59	6°17'27	21° 7	21°10	9°32	29°35	13°36	16°34	5°38	12°28	20° 1	16°30	15°44	28°33	n.a.	T 30
F 31	0 27 56	7♎18'50	5♓35	22♎43	10♏46	29♓12	13♈27	16♊34	5♉36	12♉27	20♌ 3	16♋23	15♋41	28♋40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	9n20	22s 3	0s43	9n59	0n 8	2s 2	0s33	3n 9	0s53	5n55	0s57	23n49	0n29	13n54	0s 8	15n15	0s56	30n27	15n49	22n43	22n58	22n23			n.a.
T 2	8 56	19 39	2 0	9 18	0 1	2 35	0 36	3 5	0 51	5 53	0 57	23 50	0 29	13 54	0 8	15 15	0 56	30 26	15 49	22 44	22 58	22 22			n.a.
F 3	8 33	15 54	3 9	8 36	0s 5	3 8	0 38	3 1	0 49	5 51	0 57	23 50	0 29	13 54	0 8	15 15	0 56	30 25	15 49	22 44	22 59	22 22			n.a.
S 4	8 9	11 10	4 5	7 53	0 11	3 41	0 41	2 57	0 47	5 49	0 57	23 51	0 29	13 53	0 8	15 15	0 56	30 25	15 49	22 45	22 59	22 22			n.a.
S 5	7 45	5 51	4 44	7 11	0 18	4 13	0 44	2 52	0 45	5 47	0 57	23 51	0 29	13 53	0 8	15 15	0 56	30 24	15 49	22 46	22 59	22 21			n.a.
M 6	7 21	0 21	5 4	6 28	0 24	4 46	0 46	2 47	0 43	5 45	0 57	23 51	0 30	13 52	0 8	15 15	0 56	30 23	15 49	22 48	23 0	22 21			n.a.
T 7	6 57	5n 1	5 5	5 45	0 30	5 18	0 49	2 42	0 41	5 43	0 57	23 52	0 30	13 52	0 8	15 14	0 56	30 23	15 50	22 49	23 0	22 20			n.a.
W 8	6 33	9 59	4 49	5 2	0 36	5 50	0 52	2 37	0 39	5 41	0 56	23 52	0 30	13 52	0 8	15 14	0 56	30 22	15 50	22 50	23 1	22 20			n.a.
T 9	6 9	14 20	4 18	4 18	0 42	6 22	0 54	2 31	0 37	5 39	0 56	23 53	0 30	13 51	0 8	15 14	0 56	30 22	15 50	22 51	23 1	22 20			n.a.
F 10	5 45	17 54	3 36	3 35	0 48	6 54	0 57	2 25	0 35	5 36	0 56	23 53	0 30	13 51	0 8	15 14	0 56	30 21	15 50	22 51	23 2	22 19			n.a.
S 11	5 20	20 35	2 45	2 51	0 54	7 26	0 59	2 19	0 32	5 34	0 56	23 53	0 30	13 50	0 8	15 13	0 56	30 20	15 50	22 51	23 2	22 19			n.a.
S 12	4 56	22 18	1 47	2 8	1 0	7 58	1 2	2 13	0 30	5 31	0 56	23 54	0 30	13 50	0 8	15 13	0 56	30 20	15 51	22 51	23 2	22 18			n.a.
M13	4 31	23 0	0 46	1 24	1 6	8 29	1 4	2 7	0 28	5 29	0 56	23 54	0 31	13 49	0 8	15 13	0 56	30 19	15 51	22 51	23 3	22 18			n.a.
T 14	4 6	22 39	0n17	0 40	1 11	9 0	1 7	2 0	0 26	5 26	0 56	23 54	0 31	13 49	0 8	15 13	0 56	30 19	15 51	22 51	23 3	22 17			n.a.
W15	3 41	21 18	1 19	0s 4	1 16	9 31	1 9	1 53	0 23	5 24	0 56	23 55	0 31	13 48	0 8	15 12	0 56	30 18	15 51	22 51	23 4	22 17			n.a.
T 16	3 17	19 0	2 18	0 47	1 22	10 2	1 12	1 46	0 21	5 21	0 56	23 55	0 31	13 48	0 8	15 12	0 56	30 18	15 52	22 52	23 4	22 16			n.a.
F 17	2 52	15 51	3 12	1 31	1 27	10 32	1 14	1 39	0 19	5 18	0 56	23 55	0 31	13 47	0 8	15 12	0 56	30 17	15 52	22 53	23 4	22 16			n.a.
S 18	2 27	11 59	3 57	2 14	1 32	11 2	1 16	1 32	0 16	5 16	0 56	23 55	0 31	13 47	0 8	15 11	0 56	30 17	15 52	22 54	23 5	22 15			n.a.
S 19	2 2	7 33	4 32	2 58	1 36	11 32	1 19	1 24	0 14	5 13	0 56	23 56	0 31	13 46	0 8	15 11	0 56	30 16	15 52	22 55	23 5	22 15			n.a.
M20	1 37	2 44	4 54	3 41	1 41	12 2	1 21	1 17	0 12	5 10	0 56	23 56	0 32	13 45	0 8	15 11	0 56	30 16	15 53	22 57	23 6	22 14			n.a.
T 21	1 12	2s18	5 2	4 23	1 45	12 31	1 23	1 9	0 9	5 7	0 56	23 56	0 32	13 45	0 8	15 10	0 56	30 15	15 53	22 59	23 6	22 14			n.a.
W22	0 46	7 18	4 54	5 6	1 49	13 0	1 25	1 2	0 7	5 4	0 56	23 56	0 32	13 44	0 8	15 10	0 56	30 15	15 53	23 0	23 6	22 13			n.a.
T 23	0 21	12 3	4 30	5 48	1 52	13 29	1 27	0 54	0 5	5 2	0 55	23 57	0 32	13 44	0 8	15 10	0 56	30 14	15 53	23 2	23 7	22 13			n.a.
F 24	0s 4	16 17	3 51	6 30	1 55	13 57	1 29	0 46	0 2	4 59	0 55	23 57	0 32	13 43	0 8	15 9	0 56	30 14	15 54	23 2	23 7	22 12			n.a.
S 25	0 29	19 43	2 59	7 11	1 58	14 25	1 31	0 39	0n 0	4 56	0 55	23 57	0 32	13 42	0 8	15 9	0 56	30 14	15 54	23 3	23 8	22 12			n.a.
S 26	0 54	22 5	1 55	7 51	2 1	14 53	1 33	0 31	0 3	4 53	0 55	23 57	0 33	13 42	0 8	15 9	0 57	30 13	15 54	23 3	23 8	22 11			n.a.
M27	1 19	23 7	0 44	8 31	2 3	15 20	1 35	0 23	0 5	4 50	0 55	23 57	0 33	13 41	0 8	15 8	0 57	30 13	15 55	23 3	23 8	22 11			n.a.
T 28	1 44	22 42	0s31	9 10	2 5	15 47	1 37	0 16	0 7	4 47	0 55	23 58	0 33	13 40	0 8	15 8	0 57	30 12	15 55	23 3	23 9	22 10			n.a.
W29	2 9	20 48	1 44	9 48	2 6	16 13	1 39	0 8	0 10	4 44	0 55	23 58	0 33	13 39	0 8	15 7	0 57	30 12	15 55	23 3	23 9	22 10			n.a.
T 30	2 34	17 34	2 52	10 26	2 7	16 39	1 40	0 1	0 12	4 41	0 55	23 58	0 33	13 39	0 8	15 7	0 57	30 12	15 56	23 4	23 9	22 9			n.a.
F 31	2s59	13s15	3s48	11s 2	2s 7	17s 5	1s42	0s 7	0n14	4n37	0s54	23n58	0n33	13n38	0s 8	15n 7	0s57	30n11	15n56	23n 5	23n10	22n 8			n.a.

Julian Day Number = 194951.5, Delta T = 32h20m59s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'18, Lahiri = -61°22'18 Julian Calendar 1 Oct. 4180 BCE == Greg. Calendar 29 Aug. 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

NOVEMBER 4180 BCE (-4179) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 31 53	8♎20'11	20♓ 2	24♎15	11♏59	28°R49	13°R19	16°R33	5°R33	12°R25	20♌ 4	16°R14	15♋38	28♋46	n.a.	S 1
S 2	0 35 49	9°21'32	4♈22	25°46	13°13	28♓27	13♈11	16♊33	5♉31	12♉24	20° 6	16♋ 2	15°34	28°53	n.a.	S 2
M 3	0 39 46	10°22'53	18°27	27°16	14°26	28° 5	13° 3	16°32	5°29	12°23	20° 8	15°49	15°31	29° 0	n.a.	M 3
T 4	0 43 42	11°24'13	2♉13	28°44	15°39	27°43	12°55	16°32	5°27	12°21	20°10	15°37	15°28	29° 6	n.a.	T 4
W 5	0 47 39	12°25'33	15°37	0♏10	16°53	27°22	12°47	16°31	5°24	12°20	20°11	15°26	15°25	29°13	n.a.	W 5
T 6	0 51 35	13°26'52	28°36	1°33	18° 6	27° 2	12°39	16°30	5°22	12°18	20°13	15°17	15°22	29°20	n.a.	T 6
F 7	0 55 32	14°28'11	11♊13	2°53	19°19	26°42	12°31	16°29	5°19	12°17	20°15	15°11	15°19	29°26	n.a.	F 7
S 8	0 59 29	15°29'30	23°30	4° 9	20°32	26°22	12°23	16°28	5°17	12°16	20°16	15° 8	15°15	29°33	n.a.	S 8
S 9	1 3 25	16°30'48	5♋32	5°21	21°45	26° 4	12°15	16°27	5°15	12°14	20°18	15° 6	15°12	29°40	n.a.	S 9
M10	1 7 22	17°32'06	17°24	6°29	22°58	25°45	12° 7	16°26	5°12	12°13	20°20	15° 6	15° 9	29°46	n.a.	M10
T 11	1 11 18	18°33'23	29°12	7°30	24°11	25°28	11°58	16°24	5°10	12°11	20°21	15° 6	15° 6	29°53	n.a.	T 11
W12	1 15 15	19°34'39	11♌ 0	8°25	25°24	25°11	11°50	16°23	5° 7	12°10	20°23	15° 4	15° 3	29°59	n.a.	W12
T 13	1 19 12	20°35'55	22°56	9°12	26°37	24°55	11°43	16°21	5° 5	12° 8	20°24	15° 1	14°59	0♌ 6	n.a.	T 13
F 14	1 23 8	21°37'10	5♍ 2	9°52	27°50	24°40	11°35	16°20	5° 2	12° 6	20°26	14°54	14°56	0°13	n.a.	F 14
S 15	1 27 5	22°38'25	17°23	10°22	29° 2	24°25	11°27	16°18	5° 0	12° 5	20°27	14°45	14°53	0°19	n.a.	S 15
S 16	1 31 1	23°39'38	0♎ 1	10°42	0♐15	24°11	11°19	16°16	4°57	12° 3	20°28	14°33	14°50	0°26	n.a.	S 16
M17	1 34 58	24°40'51	12°57	10°R51	1°28	23°58	11°11	16°14	4°55	12° 2	20°30	14°20	14°47	0°33	n.a.	M17
T 18	1 38 54	25°42'02	26°11	10°49	2°40	23°46	11° 4	16°12	4°52	12° 0	20°31	14° 6	14°44	0°39	n.a.	T 18
W19	1 42 51	26°43'13	9♏40	10°35	3°53	23°34	10°56	16°10	4°50	11°59	20°32	13°54	14°40	0°46	n.a.	W19
T 20	1 46 48	27°44'22	23°22	10°10	5° 5	23°24	10°48	16° 8	4°47	11°57	20°34	13°44	14°37	0°53	n.a.	T 20
F 21	1 50 44	28°45'30	7♐13	9°34	6°18	23°14	10°41	16° 5	4°44	11°55	20°35	13°36	14°34	0°59	n.a.	F 21
S 22	1 54 41	29°46'37	21°10	8°47	7°30	23° 5	10°34	16° 3	4°42	11°54	20°36	13°32	14°31	1° 6	n.a.	S 22
S 23	1 58 37	0♏47'42	5♑11	7°51	8°42	22°56	10°26	16° 0	4°39	11°52	20°37	13°30	14°28	1°13	n.a.	S 23
M24	2 2 34	1°48'46	19°14	6°48	9°54	22°49	10°19	15°58	4°37	11°50	20°38	13°D30	14°24	1°19	n.a.	M24
T 25	2 6 30	2°49'48	3♒19	5°38	11° 6	22°42	10°12	15°55	4°34	11°49	20°40	13°R30	14°21	1°26	n.a.	T 25
W26	2 10 27	3°50'48	17°25	4°25	12°18	22°37	10° 5	15°52	4°31	11°47	20°41	13°29	14°18	1°33	n.a.	W26
T 27	2 14 24	4°51'47	1♓30	3°10	13°30	22°32	9°59	15°49	4°29	11°45	20°42	13°26	14°15	1°39	n.a.	T 27
F 28	2 18 20	5°52'44	15°33	1°56	14°42	22°27	9°52	15°46	4°26	11°44	20°43	13°21	14°12	1°46	n.a.	F 28
S 29	2 22 17	6°53'39	29°32	0°45	15°53	22°24	9°46	15°43	4°23	11°42	20°44	13°13	14° 9	1°53	n.a.	S 29
S 30	2 26 13	7♏54'32	13♈23	29♎38	17♐ 5	22♓21	9♈39	15♊40	4♉21	11♉40	20♌45	13♋ 3	14♋ 5	1♌59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s24	8 s10	4 s30	11 s36	2 s 6	17 s30	1 s44	0 s14	0n16	4n34	0 s54	23n58	0n33	13n37	0 s 8	15n 6	0 s57	30n11	15n56	23n 6	23n10	22n 8		n.a.
S 2	3 49	2 42	4 54	12 10	2 5	17 55	1 45	0 21	0 19	4 31	0 54	23 58	0 34	13 36	0 8	15 6	0 57	30 11	15 57	23 7	23 11	22 7		n.a.
M 3	4 13	2n49	5 0	12 42	2 3	18 19	1 47	0 28	0 21	4 28	0 54	23 58	0 34	13 36	0 8	15 5	0 57	30 11	15 57	23 9	23 11	22 7		n.a.
T 4	4 38	8 5	4 48	13 12	2 1	18 42	1 48	0 35	0 23	4 25	0 54	23 58	0 34	13 35	0 8	15 5	0 57	30 10	15 58	23 10	23 11	22 6		n.a.
W 5	5 3	12 50	4 20	13 40	1 57	19 6	1 49	0 41	0 25	4 22	0 54	23 58	0 34	13 34	0 8	15 4	0 57	30 10	15 58	23 12	23 12	22 6		n.a.
T 6	5 27	16 51	3 40	14 6	1 53	19 28	1 51	0 48	0 28	4 19	0 54	23 59	0 34	13 33	0 8	15 4	0 57	30 10	15 58	23 13	23 12	22 5		n.a.
F 7	5 52	19 58	2 49	14 30	1 48	19 50	1 52	0 54	0 30	4 16	0 53	23 59	0 34	13 33	0 8	15 4	0 57	30 10	15 59	23 13	23 12	22 4		n.a.
S 8	6 16	22 5	1 52	14 51	1 42	20 12	1 53	1 0	0 32	4 13	0 53	23 59	0 34	13 32	0 8	15 3	0 57	30 9	15 59	23 14	23 13	22 4		n.a.
S 9	6 40	23 9	0 50	15 9	1 34	20 33	1 54	1 6	0 34	4 10	0 53	23 59	0 35	13 31	0 8	15 3	0 57	30 9	16 0	23 14	23 13	22 3		n.a.
M10	7 4	23 9	0n12	15 24	1 26	20 53	1 55	1 11	0 36	4 7	0 53	23 59	0 35	13 30	0 8	15 2	0 57	30 9	16 0	23 14	23 14	22 3		n.a.
T 11	7 28	22 6	1 14	15 36	1 16	21 13	1 56	1 17	0 38	4 3	0 53	23 59	0 35	13 29	0 8	15 2	0 57	30 9	16 0	23 14	23 14	22 2		n.a.
W12	7 52	20 5	2 13	15 44	1 5	21 32	1 57	1 22	0 40	4 0	0 53	23 59	0 35	13 28	0 8	15 1	0 57	30 9	16 1	23 14	23 14	22 1		n.a.
T 13	8 16	17 11	3 6	15 48	0 53	21 51	1 57	1 26	0 42	3 57	0 52	23 59	0 35	13 28	0 8	15 1	0 57	30 9	16 1	23 15	23 15	22 1		n.a.
F 14	8 39	13 30	3 52	15 49	0 40	22 9	1 58	1 31	0 43	3 54	0 52	23 59	0 35	13 27	0 8	15 0	0 57	30 9	16 2	23 15	23 15	22 0		n.a.
S 15	9 3	9 12	4 28	15 45	0 25	22 26	1 59	1 35	0 45	3 51	0 52	23 59	0 36	13 26	0 8	15 0	0 57	30 9	16 2	23 16	23 15	21 59		n.a.
S 16	9 26	4 25	4 51	15 36	0 10	22 43	1 59	1 39	0 47	3 49	0 52	23 59	0 36	13 25	0 8	14 59	0 57	30 8	16 3	23 18	23 16	21 59		n.a.
M17	9 49	0 s40	5 0	15 23	0n 7	22 59	1 59	1 43	0 49	3 46	0 52	23 58	0 36	13 24	0 8	14 59	0 57	30 8	16 3	23 19	23 16	21 58		n.a.
T 18	10 12	5 50	4 54	15 5	0 25	23 14	2 0	1 46	0 51	3 43	0 51	23 58	0 36	13 23	0 8	14 58	0 57	30 8	16 3	23 21	23 17	21 57		n.a.
W19	10 35	10 50	4 31	14 43	0 44	23 29	2 0	1 50	0 52	3 40	0 51	23 58	0 36	13 22	0 8	14 58	0 57	30 8	16 4	23 22	23 17	21 57		n.a.
T 20	10 58	15 23	3 53	14 17	1 3	23 43	2 0	1 53	0 54	3 37	0 51	23 58	0 36	13 21	0 8	14 57	0 57	30 8	16 4	23 23	23 17	21 56		n.a.
F 21	11 20	19 11	3 0	13 47	1 23	23 56	2 0	1 55	0 55	3 34	0 51	23 58	0 36	13 21	0 8	14 57	0 57	30 8	16 5	23 24	23 18	21 55		n.a.
S 22	11 42	21 53	1 56	13 13	1 42	24 9	2 0	1 57	0 57	3 31	0 50	23 58	0 37	13 20	0 8	14 56	0 57	30 8	16 5	23 24	23 18	21 55		n.a.
S 23	12 4	23 17	0 44	12 37	2 1	24 21	2 0	1 59	0 58	3 29	0 50	23 58	0 37	13 19	0 8	14 56	0 57	30 8	16 6	23 24	23 18	21 54		n.a.
M24	12 26	23 12	0 s30	11 59	2 19	24 32	2 0	2 1	1 0	3 26	0 50	23 58	0 37	13 18	0 8	14 55	0 57	30 8	16 6	23 25	23 19	21 53		n.a.
T 25	12 48	21 38	1 43	11 20	2 36	24 43	1 59	2 2	1 1	3 24	0 50	23 58	0 37	13 17	0 8	14 55	0 57	30 8	16 7	23 24	23 19	21 53		n.a.
W26	13 9	18 44	2 50	10 40	2 51	24 52	1 59	2 4	1 3	3 21	0 50	23 57	0 37	13 16	0 8	14 54	0 57	30 9	16 7	23 25	23 19	21 52		n.a.
T 27	13 30	14 45	3 46	10 2	3 4	25 1	1 59	2 4	1 4	3 18	0 49	23 57	0 37	13 15	0 8	14 54	0 56	30 9	16 8	23 25	23 20	21 51		n.a.
F 28	13 51	9 57	4 28	9 26	3 15	25 10	1 58	2 5	1 5	3 16	0 49	23 57	0 37	13 14	0 8	14 53	0 56	30 9	16 8	23 25	23 20	21 50		n.a.
S 29	14 12	4 40	4 54	8 53	3 24	25 17	1 57	2 5	1 6	3 14	0 49	23 57	0 38	13 13	0 8	14 53	0 56	30 9	16 9	23 26	23 20	21 50		n.a.
S 30	14 s32	0n48	5 s 3	8 s23	3n31	25 s24	1 s56	2 s 5	1n 8	3n11	0 s49	23n57	0n38	13n13	0 s 8	14n52	0 s56	30n 9	16n 9	23n27	23n21	21n49		n.a.

Julian Day Number = 194982.5, Delta T = 32h20m56s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'14, Lahiri = -61°22'13 Julian Calendar 1 Nov. 4180 BCE == Greg. Calendar 29 Sept. 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4180 BCE
geocentric

DECEMBER 4180 BCE (-4179) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 30 10	8♏55'23	27♈ 3	28°R37	18♐16	22°R20	9°R33	15°R37	4°R18	11°R39	20♌45	12°R52	14♋ 2	2♌ 6	n.a.	M 1
T 2	2 34 6	9°56'14	10♉29	27♎43	19°28	22♓19	9♈27	15♊33	4♉16	11♉37	20°46	12♋40	13°59	2°13	n.a.	T 2
W 3	2 38 3	10°57'02	23°37	26°56	20°39	22°D18	9°21	15°30	4°13	11°35	20°47	12°30	13°56	2°19	n.a.	W 3
T 4	2 42 0	11°57'49	6♊27	26°18	21°50	22°19	9°15	15°26	4°10	11°34	20°48	12°23	13°53	2°26	n.a.	T 4
F 5	2 45 56	12°58'35	18°59	25°49	23° 1	22°20	9° 9	15°23	4° 8	11°32	20°49	12°17	13°50	2°32	n.a.	F 5
S 6	2 49 53	13°59'19	1♋14	25°27	24°12	22°22	9° 4	15°19	4° 5	11°30	20°49	12°14	13°46	2°39	n.a.	S 6
S 7	2 53 49	15° 0'01	13°16	25°14	25°23	22°24	8°58	15°16	4° 3	11°28	20°50	12°D14	13°43	2°46	n.a.	S 7
M 8	2 57 46	16° 0'43	25° 9	25°D 9	26°34	22°28	8°53	15°12	4° 0	11°27	20°51	12°14	13°40	2°52	n.a.	M 8
T 9	3 1 42	17° 1'22	6♌57	25°10	27°44	22°32	8°48	15° 8	3°58	11°25	20°51	12°15	13°37	2°59	n.a.	T 9
W10	3 5 39	18° 2'00	18°47	25°19	28°55	22°36	8°43	15° 4	3°55	11°23	20°52	12°R16	13°34	3° 6	n.a.	W10
T 11	3 9 36	19° 2'36	0♍43	25°35	0♎ 5	22°42	8°39	15° 0	3°53	11°22	20°53	12°15	13°30	3°12	n.a.	T 11
F 12	3 13 32	20° 3'11	12°50	25°56	1°16	22°48	8°34	14°56	3°50	11°20	20°53	12°12	13°27	3°19	n.a.	F 12
S 13	3 17 29	21° 3'44	25°13	26°23	2°26	22°55	8°30	14°52	3°48	11°18	20°54	12° 7	13°24	3°26	n.a.	S 13
S 14	3 21 25	22° 4'16	7♎56	26°55	3°36	23° 2	8°26	14°48	3°45	11°17	20°54	12° 0	13°21	3°32	n.a.	S 14
M15	3 25 22	23° 4'45	21° 2	27°31	4°46	23°10	8°22	14°44	3°43	11°15	20°54	11°52	13°18	3°39	n.a.	M15
T 16	3 29 18	24° 5'13	4♏29	28°12	5°55	23°18	8°18	14°40	3°40	11°13	20°55	11°43	13°15	3°46	n.a.	T 16
W17	3 33 15	25° 5'40	18°17	28°57	7° 5	23°28	8°14	14°36	3°38	11°12	20°55	11°35	13°11	3°52	n.a.	W17
T 18	3 37 12	26° 6'04	2♐22	29°46	8°14	23°37	8°11	14°31	3°36	11°10	20°55	11°29	13° 8	3°59	n.a.	T 18
F 19	3 41 8	27° 6'26	16°40	0♏38	9°24	23°48	8° 8	14°27	3°33	11° 9	20°56	11°24	13° 5	4° 6	n.a.	F 19
S 20	3 45 5	28° 6'47	1♎ 5	1°33	10°33	23°59	8° 4	14°23	3°31	11° 7	20°56	11°22	13° 2	4°12	n.a.	S 20
S 21	3 49 1	29° 7'05	15°31	2°31	11°42	24°10	8° 2	14°18	3°29	11° 5	20°56	11°D21	12°59	4°19	n.a.	S 21
M22	3 52 58	0♐ 7'20	29°55	3°32	12°51	24°22	7°59	14°14	3°26	11° 4	20°56	11°22	12°56	4°26	n.a.	M22
T 23	3 56 54	1° 7'34	14♒13	4°36	13°59	24°35	7°56	14° 9	3°24	11° 2	20°56	11°24	12°52	4°32	n.a.	T 23
W24	4 0 51	2° 7'44	28°22	5°41	15° 8	24°48	7°54	14° 5	3°22	11° 1	20°56	11°R25	12°49	4°39	n.a.	W24
T 25	4 4 47	3° 7'53	12♓21	6°49	16°16	25° 2	7°52	14° 0	3°20	10°59	20°56	11°24	12°46	4°46	n.a.	T 25
F 26	4 8 44	4° 7'59	26°10	7°59	17°24	25°16	7°50	13°56	3°18	10°58	20°R56	11°22	12°43	4°52	n.a.	F 26
S 27	4 12 41	5° 8'02	9♈48	9°11	18°32	25°31	7°48	13°51	3°16	10°56	20°56	11°19	12°40	4°59	n.a.	S 27
S 28	4 16 37	6° 8'03	23°14	10°24	19°40	25°46	7°47	13°46	3°13	10°55	20°56	11°14	12°36	5° 6	n.a.	S 28
M29	4 20 34	7° 8'02	6♉28	11°40	20°47	26° 1	7°46	13°42	3°11	10°53	20°56	11° 8	12°33	5°12	n.a.	M29
T 30	4 24 30	8° 7'58	19°28	12°57	21°55	26°17	7°45	13°37	3° 9	10°52	20°56	11° 2	12°30	5°19	n.a.	T 30
W31	4 28 27	9♐ 7'52	2♊15	14♏15	23♎ 2	26♓34	7♈44	13♊32	3♉ 7	10♉50	20♌56	10♋57	12♋27	5♌26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	14s52	6n 9	4s54	7s57	3n35	25s30	1s56	2s 5	1n 9	3n 9	0s48	23n56	0n38	13n12	0s 8	14n52	0s56	30n 9	16n10	23n28	23n21	21n48			n.a.
T 2	15 12	11 8	4 29	7 35	3 37	25 35	1 55	2 4	1 10	3 7	0 48	23 56	0 38	13 11	0 8	14 51	0 56	30 9	16 10	23 29	23 21	21 48			n.a.
W 3	15 32	15 30	3 49	7 18	3 38	25 40	1 53	2 3	1 11	3 4	0 48	23 56	0 38	13 10	0 8	14 51	0 56	30 9	16 11	23 30	23 22	21 47			n.a.
T 4	15 51	19 3	2 59	7 5	3 36	25 43	1 52	2 2	1 12	3 2	0 48	23 56	0 38	13 9	0 8	14 50	0 56	30 10	16 11	23 31	23 22	21 46			n.a.
F 5	16 10	21 38	2 1	6 57	3 33	25 46	1 51	2 1	1 13	3 0	0 47	23 55	0 38	13 8	0 8	14 50	0 56	30 10	16 12	23 32	23 22	21 45			n.a.
S 6	16 29	23 8	0 59	6 53	3 29	25 49	1 50	1 59	1 14	2 58	0 47	23 55	0 39	13 7	0 7	14 49	0 56	30 10	16 12	23 32	23 23	21 45			n.a.
S 7	16 47	23 31	0n 6	6 54	3 23	25 50	1 48	1 57	1 15	2 56	0 47	23 55	0 39	13 6	0 7	14 48	0 56	30 10	16 13	23 32	23 23	21 44			n.a.
M 8	17 6	22 50	1 9	6 58	3 16	25 51	1 47	1 55	1 16	2 55	0 47	23 55	0 39	13 5	0 7	14 48	0 56	30 11	16 13	23 32	23 23	21 43			n.a.
T 9	17 23	21 8	2 9	7 5	3 9	25 51	1 45	1 52	1 17	2 53	0 46	23 54	0 39	13 5	0 7	14 47	0 56	30 11	16 14	23 32	23 24	21 42			n.a.
W10	17 41	18 31	3 4	7 16	3 1	25 50	1 43	1 49	1 18	2 51	0 46	23 54	0 39	13 4	0 7	14 47	0 56	30 11	16 14	23 32	23 24	21 41			n.a.
T 11	17 58	15 6	3 51	7 29	2 53	25 48	1 41	1 46	1 19	2 49	0 46	23 54	0 39	13 3	0 7	14 46	0 56	30 11	16 15	23 32	23 24	21 41			n.a.
F 12	18 15	11 2	4 28	7 46	2 44	25 46	1 39	1 43	1 20	2 48	0 46	23 53	0 39	13 2	0 7	14 46	0 56	30 12	16 15	23 32	23 25	21 40			n.a.
S 13	18 32	6 26	4 54	8 4	2 34	25 43	1 37	1 40	1 21	2 46	0 45	23 53	0 40	13 1	0 7	14 45	0 56	30 12	16 16	23 33	23 25	21 39			n.a.
S 14	18 48	1 26	5 7	8 25	2 25	25 39	1 35	1 36	1 21	2 45	0 45	23 53	0 40	13 0	0 7	14 45	0 56	30 12	16 16	23 33	23 25	21 38			n.a.
M15	19 4	3s45	5 4	8 47	2 15	25 34	1 33	1 32	1 22	2 43	0 45	23 52	0 40	13 0	0 7	14 44	0 56	30 13	16 17	23 34	23 26	21 37			n.a.
T 16	19 19	8 56	4 44	9 12	2 5	25 29	1 30	1 28	1 23	2 42	0 45	23 52	0 40	12 59	0 7	14 44	0 56	30 13	16 17	23 35	23 26	21 37			n.a.
W17	19 34	13 48	4 7	9 37	1 55	25 23	1 28	1 24	1 24	2 41	0 44	23 52	0 40	12 58	0 7	14 43	0 56	30 13	16 18	23 36	23 26	21 36			n.a.
T 18	19 49	18 2	3 15	10 4	1 45	25 16	1 25	1 19	1 24	2 40	0 44	23 51	0 40	12 57	0 7	14 43	0 56	30 14	16 18	23 36	23 27	21 35			n.a.
F 19	20 4	21 17	2 10	10 32	1 35	25 8	1 22	1 14	1 25	2 39	0 44	23 51	0 40	12 56	0 7	14 42	0 56	30 14	16 19	23 37	23 27	21 34			n.a.
S 20	20 18	23 11	0 55	11 1	1 25	25 0	1 20	1 9	1 25	2 38	0 43	23 50	0 40	12 55	0 7	14 42	0 56	30 15	16 19	23 37	23 27	21 33			n.a.
S 21	20 31	23 33	0s23	11 31	1 16	24 51	1 17	1 4	1 26	2 37	0 43	23 50	0 41	12 55	0 7	14 41	0 56	30 15	16 20	23 37	23 28	21 32			n.a.
M22	20 45	22 21	1 39	12 1	1 6	24 42	1 14	0 59	1 27	2 36	0 43	23 50	0 41	12 54	0 7	14 41	0 56	30 15	16 20	23 37	23 28	21 32			n.a.
T 23	20 58	19 43	2 49	12 32	0 56	24 32	1 11	0 53	1 27	2 35	0 43	23 49	0 41	12 53	0 7	14 40	0 56	30 16	16 21	23 37	23 28	21 31			n.a.
W24	21 10	15 55	3 48	13 3	0 47	24 21	1 7	0 47	1 28	2 34	0 42	23 49	0 41	12 52	0 7	14 40	0 56	30 16	16 22	23 37	23 29	21 30			n.a.
T 25	21 22	11 17	4 32	13 35	0 37	24 9	1 4	0 41	1 28	2 34	0 42	23 48	0 41	12 52	0 7	14 40	0 56	30 17	16 22	23 37	23 29	21 29			n.a.
F 26	21 34	6 8	5 0	14 7	0 28	23 57	1 1	0 35	1 29	2 33	0 42	23 48	0 41	12 51	0 7	14 39	0 56	30 17	16 23	23 37	23 29	21 28			n.a.
S 27	21 45	0 46	5 11	14 39	0 19	23 44	0 57	0 28	1 29	2 33	0 42	23 47	0 41	12 50	0 7	14 39	0 56	30 18	16 23	23 37	23 30	21 27			n.a.
S 28	21 56	4n35	5 4	15 12	0 10	23 31	0 54	0 22	1 30	2 33	0 41	23 47	0 41	12 49	0 7	14 38	0 56	30 18	16 24	23 37	23 30	21 26			n.a.
M29	22 7	9 38	4 42	15 44	0 2	23 17	0 50	0 15	1 30	2 32	0 41	23 46	0 41	12 49	0 7	14 38	0 56	30 19	16 24	23 38	23 30	21 25			n.a.
T 30	22 17	14 11	4 4	16 16	0s 7	23 2	0 46	0 8	1 31	2 32	0 41	23 46	0 42	12 48	0 7	14 37	0 56	30 19	16 25	23 38	23 30	21 25			n.a.
W31	22s26	18n 0	3s16	16s48	0s15	22s47	0s42	0s 1	1n31	2n32	0s40	23n45	0n42	12n47	0s 7	14n37	0s56	30n20	16n25	23n39	23n31	21n24			n.a.

Julian Day Number = 195012.5, Delta T = 32h20m53s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'10, Lahiri = -61°22'09 Julian Calendar 1 Dec. 4180 BCE == Greg. Calendar 29 Oct. 4180 BCE

The year -4179 astronomical counting style corresponds to year 4180 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

JANUARY 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 32 23	10♐ 7'44	14♊48	15♏35	24♉ 9	26♓51	7°R43	13°R28	3°R 6	10°R49	20°R56	10°R53	12♋24	5♌32	n.a.	T 1
F 2	4 36 20	11° 7'34	27° 8	16°57	25°15	27° 8	7♈42	13♊23	3♉ 4	10♉47	20♌55	10♋51	12°21	5°39	n.a.	F 2
S 3	4 40 16	12° 7'22	9♋16	18°20	26°22	27°26	7°42	13°18	3° 2	10°46	20°55	10°D50	12°17	5°46	n.a.	S 3
S 4	4 44 13	13° 7'07	21°15	19°44	27°28	27°44	7°D42	13°14	3° 0	10°45	20°55	10°50	12°14	5°52	n.a.	S 4
M 5	4 48 10	14° 6'50	3♌ 6	21°10	28°34	28° 2	7°42	13° 9	2°58	10°43	20°55	10°52	12°11	5°59	n.a.	M 5
T 6	4 52 6	15° 6'32	14°55	22°37	29°39	28°21	7°42	13° 4	2°56	10°42	20°54	10°53	12° 8	6° 6	n.a.	T 6
W 7	4 56 3	16° 6'11	26°45	24° 6	0♒45	28°40	7°43	13° 0	2°55	10°41	20°54	10°55	12° 5	6°12	n.a.	W 7
T 8	4 59 59	17° 5'48	8♍40	25°35	1°50	29° 0	7°43	12°55	2°53	10°39	20°53	10°56	12° 2	6°19	n.a.	T 8
F 9	5 3 56	18° 5'23	20°47	27° 6	2°55	29°20	7°44	12°50	2°51	10°38	20°53	10°R56	11°58	6°25	n.a.	F 9
S 10	5 7 52	19° 4'56	3♎ 8	28°38	4° 0	29°40	7°45	12°46	2°50	10°37	20°52	10°56	11°55	6°32	n.a.	S 10
S 11	5 11 49	20° 4'28	15°50	0♐12	5° 4	0♈ 1	7°47	12°41	2°48	10°35	20°52	10°54	11°52	6°39	n.a.	S 11
M12	5 15 45	21° 3'57	28°55	1°47	6° 8	0°22	7°48	12°36	2°47	10°34	20°51	10°52	11°49	6°45	n.a.	M12
T 13	5 19 42	22° 3'24	12♏25	3°23	7°12	0°44	7°50	12°32	2°45	10°33	20°51	10°49	11°46	6°52	n.a.	T 13
W14	5 23 38	23° 2'49	26°20	5° 0	8°15	1° 5	7°51	12°27	2°44	10°32	20°50	10°46	11°42	6°59	n.a.	W14
T 15	5 27 35	24° 2'12	10♐38	6°38	9°18	1°27	7°53	12°23	2°43	10°31	20°49	10°44	11°39	7° 5	n.a.	T 15
F 16	5 31 31	25° 1'32	25°14	8°18	10°21	1°50	7°56	12°18	2°41	10°30	20°49	10°43	11°36	7°12	n.a.	F 16
S 17	5 35 28	26° 0'51	10♑ 3	9°59	11°24	2°12	7°58	12°14	2°40	10°29	20°48	10°D43	11°33	7°19	n.a.	S 17
S 18	5 39 25	27° 0'07	24°55	11°42	12°26	2°35	8° 1	12° 9	2°39	10°27	20°47	10°43	11°30	7°25	n.a.	S 18
M19	5 43 21	27°59'20	9♒44	13°25	13°28	2°59	8° 3	12° 5	2°38	10°26	20°46	10°44	11°27	7°32	n.a.	M19
T 20	5 47 18	28°58'31	24°24	15°10	14°29	3°22	8° 6	12° 0	2°36	10°25	20°45	10°45	11°23	7°39	n.a.	T 20
W21	5 51 14	29°57'40	8♓48	16°56	15°30	3°46	8° 9	11°56	2°35	10°24	20°45	10°46	11°20	7°45	n.a.	W21
T 22	5 55 11	0♑56'45	22°56	18°44	16°31	4°10	8°13	11°52	2°34	10°24	20°44	10°46	11°17	7°52	n.a.	T 22
F 23	5 59 7	1°55'48	6♈43	20°33	17°31	4°34	8°16	11°47	2°33	10°23	20°43	10°R46	11°14	7°59	n.a.	F 23
S 24	6 3 4	2°54'49	20°12	22°23	18°31	4°59	8°20	11°43	2°32	10°22	20°42	10°46	11°11	8° 5	n.a.	S 24
S 25	6 7 0	3°53'47	3♉23	24°14	19°30	5°24	8°24	11°39	2°32	10°21	20°41	10°45	11° 8	8°12	n.a.	S 25
M26	6 10 57	4°52'42	16°18	26° 7	20°29	5°49	8°28	11°35	2°31	10°20	20°40	10°44	11° 4	8°19	n.a.	M26
T 27	6 14 53	5°51'36	28°58	28° 2	21°27	6°14	8°32	11°31	2°30	10°19	20°39	10°44	11° 1	8°25	n.a.	T 27
W28	6 18 50	6°50'26	11♊25	29°57	22°25	6°40	8°36	11°27	2°29	10°18	20°38	10°43	10°58	8°32	n.a.	W28
T 29	6 22 46	7°49'14	23°41	1♑54	23°23	7° 6	8°41	11°23	2°29	10°18	20°37	10°43	10°55	8°39	n.a.	T 29
F 30	6 26 43	8°48'01	5♋47	3°52	24°20	7°32	8°45	11°19	2°28	10°17	20°36	10°D43	10°52	8°45	n.a.	F 30
S 31	6 30 40	9♑46'44	17♋46	5♑52	25♒16	7♈58	8♈50	11♊15	2♉27	10♉16	20♌34	10♋43	10♋48	8♌52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	22s36	20n56	2s18	17s20	0s23	22s31	0s38	0n 6	1n32	2n32	0s40	23n45	0n42	12n47	0s 7	14n36	0s56	30n20	16n26	23n39	23n31	21n23			n.a.
F 2	22 44	22 51	1 14	17 51	0 30	22 15	0 34	0 14	1 32	2 32	0 40	23 44	0 42	12 46	0 7	14 36	0 56	30 21	16 26	23 39	23 31	21 22			n.a.
S 3	22 53	23 38	0 9	18 23	0 38	21 58	0 30	0 21	1 32	2 32	0 40	23 44	0 42	12 45	0 7	14 36	0 56	30 21	16 27	23 40	23 32	21 21			n.a.
S 4	23 1	23 19	0n57	18 53	0 45	21 40	0 26	0 29	1 33	2 32	0 39	23 43	0 42	12 45	0 7	14 35	0 56	30 22	16 27	23 39	23 32	21 20			n.a.
M 5	23 8	21 57	2 0	19 24	0 52	21 22	0 21	0 37	1 33	2 33	0 39	23 43	0 42	12 44	0 7	14 35	0 56	30 23	16 28	23 39	23 32	21 19			n.a.
T 6	23 15	19 37	2 57	19 53	0 59	21 4	0 17	0 45	1 33	2 33	0 39	23 42	0 42	12 44	0 7	14 34	0 56	30 23	16 28	23 39	23 33	21 18			n.a.
W 7	23 22	16 29	3 47	20 22	1 5	20 45	0 12	0 53	1 34	2 33	0 39	23 42	0 42	12 43	0 7	14 34	0 56	30 24	16 29	23 39	23 33	21 17			n.a.
T 8	23 28	12 39	4 27	20 51	1 11	20 26	0 7	1 1	1 34	2 34	0 38	23 41	0 43	12 42	0 7	14 34	0 56	30 24	16 29	23 39	23 33	21 16			n.a.
F 9	23 34	8 16	4 56	21 18	1 17	20 6	0 3	1 10	1 34	2 34	0 38	23 41	0 43	12 42	0 7	14 33	0 56	30 25	16 29	23 39	23 33	21 15			n.a.
S 10	23 39	3 28	5 13	21 45	1 22	19 46	0n 2	1 18	1 35	2 35	0 38	23 40	0 43	12 41	0 7	14 33	0 56	30 26	16 30	23 39	23 34	21 14			n.a.
S 11	23 44	1s35	5 14	22 11	1 27	19 25	0 7	1 27	1 35	2 36	0 38	23 40	0 43	12 41	0 7	14 32	0 55	30 26	16 30	23 39	23 34	21 13			n.a.
M12	23 48	6 44	5 0	22 36	1 32	19 4	0 12	1 36	1 35	2 37	0 37	23 39	0 43	12 40	0 7	14 32	0 55	30 27	16 31	23 39	23 34	21 12			n.a.
T 13	23 52	11 44	4 29	23 0	1 37	18 43	0 17	1 45	1 35	2 38	0 37	23 39	0 43	12 40	0 7	14 32	0 55	30 27	16 31	23 40	23 35	21 11			n.a.
W14	23 55	16 18	3 41	23 23	1 41	18 21	0 22	1 54	1 36	2 38	0 37	23 38	0 43	12 39	0 7	14 31	0 55	30 28	16 32	23 40	23 35	21 10			n.a.
T 15	23 58	20 3	2 39	23 45	1 44	17 59	0 27	2 3	1 36	2 40	0 37	23 38	0 43	12 39	0 7	14 31	0 55	30 29	16 32	23 40	23 35	21 9			n.a.
F 16	24 1	22 37	1 25	24 5	1 48	17 37	0 33	2 13	1 36	2 41	0 36	23 37	0 43	12 38	0 7	14 31	0 55	30 29	16 33	23 40	23 36	21 8			n.a.
S 17	24 3	23 40	0 4	24 24	1 51	17 14	0 38	2 22	1 36	2 42	0 36	23 37	0 43	12 38	0 7	14 30	0 55	30 30	16 33	23 40	23 36	21 7			n.a.
S 18	24 5	23 2	1s18	24 41	1 53	16 51	0 44	2 32	1 37	2 43	0 36	23 36	0 43	12 38	0 7	14 30	0 55	30 31	16 34	23 40	23 36	21 6			n.a.
M19	24 6	20 47	2 34	24 57	1 55	16 28	0 49	2 41	1 37	2 44	0 36	23 36	0 43	12 37	0 7	14 30	0 55	30 31	16 34	23 40	23 36	21 5			n.a.
T 20	24 6	17 11	3 39	25 12	1 57	16 5	0 55	2 51	1 37	2 46	0 35	23 35	0 44	12 37	0 7	14 30	0 55	30 32	16 34	23 40	23 37	21 4			n.a.
W21	24 7	12 38	4 29	25 25	1 58	15 41	1 1	3 1	1 37	2 47	0 35	23 35	0 44	12 36	0 7	14 29	0 55	30 33	16 35	23 40	23 37	21 3			n.a.
T 22	24 6	7 29	5 2	25 36	1 59	15 17	1 6	3 11	1 37	2 49	0 35	23 34	0 44	12 36	0 7	14 29	0 55	30 33	16 35	23 40	23 37	21 2			n.a.
F 23	24 6	2 5	5 17	25 45	1 59	14 53	1 12	3 21	1 37	2 51	0 35	23 33	0 44	12 36	0 7	14 29	0 55	30 34	16 36	23 40	23 37	21 1			n.a.
S 24	24 5	3n18	5 13	25 52	1 59	14 28	1 18	3 31	1 38	2 52	0 34	23 33	0 44	12 35	0 7	14 28	0 55	30 35	16 36	23 40	23 38	21 0			n.a.
S 25	24 3	8 25	4 53	25 57	1 58	14 4	1 24	3 41	1 38	2 54	0 34	23 32	0 44	12 35	0 7	14 28	0 55	30 36	16 36	23 40	23 38	20 59			n.a.
M26	24 1	13 4	4 18	26 0	1 57	13 39	1 30	3 52	1 38	2 56	0 34	23 32	0 44	12 35	0 7	14 28	0 55	30 36	16 37	23 40	23 38	20 58			n.a.
T 27	23 59	17 3	3 32	26 1	1 55	13 14	1 36	4 2	1 38	2 58	0 34	23 31	0 44	12 35	0 7	14 28	0 55	30 37	16 37	23 40	23 39	20 57			n.a.
W28	23 56	20 13	2 36	25 59	1 52	12 49	1 42	4 13	1 38	3 0	0 33	23 31	0 44	12 34	0 7	14 28	0 55	30 38	16 37	23 40	23 39	20 56			n.a.
T 29	23 52	22 24	1 33	25 55	1 49	12 24	1 49	4 23	1 38	3 2	0 33	23 30	0 44	12 34	0 7	14 27	0 55	30 38	16 38	23 40	23 39	20 55			n.a.
F 30	23 49	23 32	0 27	25 49	1 46	11 59	1 55	4 34	1 38	3 4	0 33	23 30	0 44	12 34	0 7	14 27	0 55	30 39	16 38	23 40	23 39	20 54			n.a.
S 31	23s44	23n33	0n39	25s40	1s41	11s34	2n 1	4n45	1n39	3n 6	0s33	23n29	0n44	12n34	0s 7	14n27	0s55	30n40	16n39	23n40	23n40	20n53			n.a.

Julian Day Number = 195043.5, Delta T = 32h20m49s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'06, Lahiri = -61°22'05 Julian Calendar 1 Jan. 4179 BCE == Greg. Calendar 29 Nov. 4180 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

FEBRUARY 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 34 36	10♉45'26	29♋39	7♉53	26♒12	8♈24	8♈55	11°R11	2°R27	10°R16	20°R33	10°R43	10♋45	8♌59	n.a.	S 1
M 2	6 38 33	11°44'05	11♌29	9°54	27° 7	8°51	9° 0	11♊ 8	2♉26	10♉15	20♌32	10♋43	10°42	9° 5	n.a.	M 2
T 3	6 42 29	12°42'42	23°18	11°57	28° 2	9°18	9° 6	11° 4	2°26	10°14	20°31	10°43	10°39	9°12	n.a.	T 3
W 4	6 46 26	13°41'18	5♍ 9	14° 1	28°56	9°45	9°11	11° 0	2°26	10°14	20°30	10°42	10°36	9°19	n.a.	W 4
T 5	6 50 22	14°39'51	17° 6	16° 5	29°50	10°12	9°17	10°57	2°25	10°13	20°28	10°42	10°33	9°25	n.a.	T 5
F 6	6 54 19	15°38'22	29°12	18°10	0♓42	10°39	9°23	10°53	2°25	10°13	20°27	10°41	10°29	9°32	n.a.	F 6
S 7	6 58 15	16°36'51	11♎32	20°16	1°35	11° 7	9°28	10°50	2°25	10°12	20°26	10°D41	10°26	9°39	n.a.	S 7
S 8	7 2 12	17°35'19	24°10	22°22	2°26	11°35	9°35	10°47	2°25	10°12	20°24	10°41	10°23	9°45	n.a.	S 8
M 9	7 6 8	18°33'45	7♏10	24°27	3°17	12° 3	9°41	10°43	2°25	10°11	20°23	10°41	10°20	9°52	n.a.	M 9
T 10	7 10 5	19°32'08	20°34	26°32	4° 7	12°31	9°47	10°40	2°D25	10°11	20°22	10°42	10°17	9°59	n.a.	T 10
W11	7 14 1	20°30'31	4♐25	28°37	4°56	12°59	9°54	10°37	2°25	10°11	20°20	10°43	10°13	10° 5	n.a.	W11
T 12	7 17 58	21°28'51	18°42	0♒41	5°45	13°28	10° 0	10°34	2°25	10°10	20°19	10°44	10°10	10°12	n.a.	T 12
F 13	7 21 54	22°27'09	3♑23	2°43	6°33	13°57	10° 7	10°31	2°25	10°10	20°18	10°R44	10° 7	10°19	n.a.	F 13
S 14	7 25 51	23°25'26	18°21	4°44	7°19	14°26	10°14	10°28	2°25	10°10	20°16	10°44	10° 4	10°25	n.a.	S 14
S 15	7 29 48	24°23'40	3♒29	6°43	8° 5	14°55	10°21	10°26	2°25	10°10	20°15	10°44	10° 1	10°32	n.a.	S 15
M16	7 33 44	25°21'53	18°38	8°40	8°50	15°24	10°29	10°23	2°26	10° 9	20°13	10°42	9°58	10°39	n.a.	M16
T 17	7 37 41	26°20'03	3♓38	10°34	9°35	15°53	10°36	10°21	2°26	10° 9	20°12	10°40	9°54	10°45	n.a.	T 17
W18	7 41 37	27°18'11	18°22	12°25	10°18	16°23	10°44	10°18	2°26	10° 9	20°10	10°38	9°51	10°52	n.a.	W18
T 19	7 45 34	28°16'16	2♈43	14°13	11° 0	16°53	10°51	10°16	2°27	10° 9	20° 9	10°37	9°48	10°59	n.a.	T 19
F 20	7 49 30	29°14'20	16°39	15°57	11°41	17°22	10°59	10°13	2°27	10° 9	20° 7	10°35	9°45	11° 5	n.a.	F 20
S 21	7 53 27	0♒12'21	0♉10	17°38	12°21	17°52	11° 7	10°11	2°28	10°D 9	20° 6	10°D35	9°42	11°12	n.a.	S 21
S 22	7 57 23	1°10'20	13°17	19°16	13° 0	18°22	11°15	10° 9	2°28	10° 9	20° 4	10°35	9°39	11°19	n.a.	S 22
M23	8 1 20	2° 8'17	26° 2	20°49	13°37	18°53	11°23	10° 7	2°29	10° 9	20° 3	10°37	9°35	11°25	n.a.	M23
T 24	8 5 16	3° 6'12	8♊30	22°18	14°14	19°23	11°31	10° 5	2°30	10° 9	20° 1	10°38	9°32	11°32	n.a.	T 24
W25	8 9 13	4° 4'05	20°44	23°43	14°49	19°54	11°40	10° 3	2°30	10° 9	19°59	10°40	9°29	11°39	n.a.	W25
T 26	8 13 9	5° 1'56	2♋47	25° 4	15°22	20°24	11°48	10° 1	2°31	10° 9	19°58	10°41	9°26	11°45	n.a.	T 26
F 27	8 17 6	5°59'45	14°43	26°20	15°55	20°55	11°57	10° 0	2°32	10° 9	19°56	10°R41	9°23	11°52	n.a.	F 27
S 28	8 21 2	6♒57'32	26♋35	27♒31	16♓25	21♈26	12♈ 6	9♊58	2♉33	10♉10	19♌55	10♋40	9♋19	11♌59	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23 s40	22n29	1n43	25 s29	1 s37	11 s 9	2n 8	4n56	1n39	3n 8	0 s32	23n29	0n44	12n34	0 s 7	14n27	0 s55	30n41	16n39	23n40	23n40	20n52			n.a.
M 2	23 35	20 25	2 43	25 15	1 31	10 43	2 14	5 6	1 39	3 11	0 32	23 28	0 44	12 33	0 7	14 27	0 55	30 41	16 39	23 40	23 40	20 51			n.a.
T 3	23 29	17 30	3 35	24 59	1 25	10 18	2 20	5 17	1 39	3 13	0 32	23 28	0 44	12 33	0 7	14 26	0 55	30 42	16 40	23 40	23 40	20 50			n.a.
W 4	23 23	13 52	4 19	24 39	1 19	9 53	2 27	5 28	1 39	3 15	0 32	23 28	0 44	12 33	0 7	14 26	0 55	30 43	16 40	23 40	23 41	20 49			n.a.
T 5	23 17	9 41	4 51	24 18	1 12	9 28	2 34	5 39	1 39	3 18	0 31	23 27	0 45	12 33	0 7	14 26	0 55	30 44	16 40	23 40	23 41	20 47			n.a.
F 6	23 10	5 3	5 11	23 54	1 4	9 3	2 40	5 51	1 39	3 20	0 31	23 27	0 45	12 33	0 7	14 26	0 54	30 44	16 40	23 40	23 41	20 46			n.a.
S 7	23 3	0 10	5 18	23 27	0 55	8 37	2 47	6 2	1 39	3 23	0 31	23 26	0 45	12 33	0 6	14 26	0 54	30 45	16 41	23 40	23 41	20 45			n.a.
S 8	22 55	4 s52	5 9	22 58	0 46	8 13	2 54	6 13	1 39	3 26	0 31	23 26	0 45	12 33	0 6	14 26	0 54	30 46	16 41	23 40	23 42	20 44			n.a.
M 9	22 47	9 49	4 44	22 26	0 37	7 48	3 0	6 24	1 39	3 28	0 31	23 25	0 45	12 33	0 6	14 26	0 54	30 46	16 41	23 40	23 42	20 43			n.a.
T 10	22 39	14 29	4 4	21 53	0 27	7 23	3 7	6 36	1 39	3 31	0 30	23 25	0 45	12 33	0 6	14 26	0 54	30 47	16 42	23 40	23 42	20 42			n.a.
W11	22 30	18 33	3 8	21 17	0 17	6 58	3 14	6 47	1 39	3 34	0 30	23 24	0 45	12 33	0 6	14 26	0 54	30 48	16 42	23 40	23 42	20 41			n.a.
T 12	22 21	21 38	1 59	20 40	0 6	6 34	3 20	6 59	1 39	3 37	0 30	23 24	0 45	12 33	0 6	14 26	0 54	30 49	16 42	23 40	23 43	20 40			n.a.
F 13	22 11	23 23	0 41	20 1	0n 5	6 10	3 27	7 10	1 39	3 40	0 30	23 24	0 45	12 33	0 6	14 25	0 54	30 49	16 42	23 40	23 43	20 38			n.a.
S 14	22 1	23 31	0 s42	19 21	0 16	5 46	3 34	7 22	1 39	3 43	0 29	23 23	0 45	12 33	0 6	14 25	0 54	30 50	16 43	23 40	23 43	20 37			n.a.
S 15	21 51	21 55	2 3	18 40	0 28	5 22	3 41	7 33	1 39	3 46	0 29	23 23	0 45	12 33	0 6	14 25	0 54	30 51	16 43	23 40	23 43	20 36			n.a.
M16	21 40	18 44	3 15	17 58	0 40	4 59	3 48	7 45	1 39	3 49	0 29	23 23	0 45	12 33	0 6	14 25	0 54	30 51	16 43	23 40	23 44	20 35			n.a.
T 17	21 29	14 21	4 13	17 16	0 51	4 35	3 54	7 57	1 39	3 52	0 29	23 22	0 45	12 33	0 6	14 25	0 54	30 52	16 43	23 40	23 44	20 34			n.a.
W18	21 17	9 11	4 53	16 33	1 3	4 13	4 1	8 8	1 39	3 56	0 29	23 22	0 45	12 34	0 6	14 25	0 54	30 53	16 43	23 40	23 44	20 33			n.a.
T 19	21 5	3 39	5 13	15 51	1 14	3 50	4 8	8 20	1 39	3 59	0 28	23 22	0 45	12 34	0 6	14 25	0 54	30 54	16 44	23 41	23 44	20 31			n.a.
F 20	20 53	1n54	5 14	15 9	1 26	3 28	4 15	8 32	1 39	4 2	0 28	23 21	0 45	12 34	0 6	14 25	0 54	30 54	16 44	23 41	23 45	20 30			n.a.
S 21	20 40	7 13	4 58	14 27	1 37	3 6	4 22	8 44	1 39	4 5	0 28	23 21	0 45	12 34	0 6	14 25	0 54	30 55	16 44	23 41	23 45	20 29			n.a.
S 22	20 28	12 2	4 26	13 46	1 47	2 45	4 28	8 55	1 39	4 9	0 28	23 21	0 45	12 34	0 6	14 25	0 54	30 56	16 44	23 41	23 45	20 28			n.a.
M23	20 14	16 13	3 42	13 6	1 58	2 24	4 35	9 7	1 39	4 12	0 28	23 20	0 45	12 35	0 6	14 26	0 54	30 56	16 44	23 41	23 45	20 27			n.a.
T 24	20 1	19 34	2 48	12 28	2 8	2 4	4 42	9 19	1 39	4 16	0 27	23 20	0 45	12 35	0 6	14 26	0 54	30 57	16 44	23 40	23 46	20 26			n.a.
W25	19 47	21 59	1 48	11 51	2 17	1 44	4 48	9 31	1 39	4 19	0 27	23 20	0 45	12 35	0 6	14 26	0 54	30 58	16 45	23 40	23 46	20 24			n.a.
T 26	19 33	23 22	0 43	11 15	2 26	1 25	4 55	9 43	1 39	4 23	0 27	23 20	0 45	12 36	0 6	14 26	0 54	30 58	16 45	23 40	23 46	20 23			n.a.
F 27	19 18	23 39	0n22	10 41	2 34	1 6	5 1	9 55	1 39	4 27	0 27	23 19	0 45	12 36	0 6	14 26	0 54	30 59	16 45	23 40	23 46	20 22			n.a.
S 28	19 s 3	22n51	1n26	10 s 9	2n41	0 s48	5n 8	10n 7	1n39	4n30	0 s27	23n19	0n45	12n36	0 s 6	14n26	0 s54	31n 0	16n45	23n40	23n47	20n21			n.a.

Julian Day Number = 195074.5, Delta T = 32h20m46s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°29'01, Lahiri = -61°22'01 Julian Calendar 1 Feb. 4179 BCE == Greg. Calendar 30 Dec. 4180 BCE

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

MARCH 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 59	7♒55'18	8♌24	28♒38	16♓55	21♈57	12♈15	9°R57	2♉34	10♉10	19°R53	10°R37	9♋16	12♌ 5	n.a.	S 1
M 2	8 28 56	8°53'01	20°14	29°41	17°23	22°28	12°24	9♊55	2°35	10°10	19♌51	10♋34	9°13	12°12	n.a.	M 2
T 3	8 32 52	9°50'43	2♍ 5	0♓39	17°49	23° 0	12°33	9°54	2°36	10°10	19°50	10°29	9°10	12°19	n.a.	T 3
W 4	8 36 49	10°48'23	14° 0	1°32	18°13	23°31	12°42	9°53	2°37	10°11	19°48	10°24	9° 7	12°25	n.a.	W 4
T 5	8 40 45	11°46'02	26° 2	2°20	18°36	24° 2	12°51	9°52	2°38	10°11	19°46	10°19	9° 4	12°32	n.a.	T 5
F 6	8 44 42	12°43'40	8♎13	3° 3	18°57	24°34	13° 1	9°51	2°40	10°12	19°45	10°14	9° 0	12°39	n.a.	F 6
S 7	8 48 38	13°41'16	20°35	3°41	19°16	25° 6	13°10	9°50	2°41	10°12	19°43	10°11	8°57	12°45	n.a.	S 7
S 8	8 52 35	14°38'50	3♏12	4°14	19°34	25°38	13°20	9°49	2°42	10°12	19°41	10° 8	8°54	12°52	n.a.	S 8
M 9	8 56 31	15°36'24	16° 8	4°42	19°49	26°10	13°30	9°49	2°44	10°13	19°40	10°D 8	8°51	12°59	n.a.	M 9
T 10	9 0 28	16°33'56	29°25	5° 5	20° 2	26°42	13°40	9°48	2°45	10°13	19°38	10° 8	8°48	13° 5	n.a.	T 10
W11	9 4 24	17°31'28	13♐ 7	5°23	20°14	27°14	13°49	9°48	2°46	10°14	19°36	10°10	8°45	13°12	n.a.	W11
T 12	9 8 21	18°28'58	27°14	5°36	20°23	27°46	13°59	9°47	2°48	10°15	19°35	10°11	8°41	13°19	n.a.	T 12
F 13	9 12 17	19°26'27	11♑46	5°44	20°30	28°19	14°10	9°47	2°49	10°15	19°33	10°R11	8°38	13°25	n.a.	F 13
S 14	9 16 14	20°23'55	26°39	5°R47	20°35	28°51	14°20	9°47	2°51	10°16	19°31	10°10	8°35	13°32	n.a.	S 14
S 15	9 20 11	21°21'21	11♒47	5°46	20°37	29°24	14°30	9°D47	2°53	10°17	19°30	10° 8	8°32	13°39	n.a.	S 15
M16	9 24 7	22°18'47	27° 1	5°39	20°R38	29°57	14°41	9°47	2°54	10°17	19°28	10° 3	8°29	13°45	n.a.	M16
T 17	9 28 4	23°16'11	12♓11	5°28	20°36	0♉29	14°51	9°47	2°56	10°18	19°26	9°57	8°25	13°52	n.a.	T 17
W18	9 32 0	24°13'33	27° 7	5°13	20°31	1° 2	15° 2	9°47	2°58	10°19	19°24	9°51	8°22	13°59	n.a.	W18
T 19	9 35 57	25°10'54	11♈40	4°54	20°24	1°35	15°12	9°48	3° 0	10°20	19°23	9°44	8°19	14° 5	n.a.	T 19
F 20	9 39 53	26° 8'14	25°46	4°32	20°15	2° 8	15°23	9°48	3° 2	10°20	19°21	9°39	8°16	14°12	n.a.	F 20
S 21	9 43 50	27° 5'32	9♉23	4° 6	20° 3	2°42	15°34	9°49	3° 4	10°21	19°19	9°36	8°13	14°19	n.a.	S 21
S 22	9 47 46	28° 2'49	22°32	3°37	19°49	3°15	15°45	9°49	3° 6	10°22	19°18	9°D34	8°10	14°26	n.a.	S 22
M23	9 51 43	29° 0'04	5♊17	3° 7	19°32	3°48	15°56	9°50	3° 8	10°23	19°16	9°34	8° 6	14°32	n.a.	M23
T 24	9 55 39	29°57'18	17°41	2°34	19°14	4°22	16° 7	9°51	3°10	10°24	19°15	9°35	8° 3	14°39	n.a.	T 24
W25	9 59 36	0♓54'31	29°49	2° 0	18°52	4°56	16°18	9°52	3°12	10°25	19°13	9°37	8° 0	14°46	n.a.	W25
T 26	10 3 33	1°51'43	11♋47	1°26	18°29	5°29	16°29	9°53	3°14	10°26	19°11	9°R37	7°57	14°52	n.a.	T 26
F 27	10 7 29	2°48'54	23°37	0°52	18° 3	6° 3	16°41	9°54	3°16	10°27	19°10	9°36	7°54	14°59	n.a.	F 27
S 28	10 11 26	3°46'03	5♌26	0°19	17°36	6°37	16°52	9°55	3°18	10°28	19° 8	9°33	7°51	15° 6	n.a.	S 28
S 29	10 15 22	4°43'11	17°14	29♒46	17° 6	7°11	17° 3	9°57	3°21	10°29	19° 6	9°27	7°47	15°12	n.a.	S 29
M30	10 19 19	5°40'19	29° 6	29°16	16°35	7°45	17°15	9°58	3°23	10°31	19° 5	9°19	7°44	15°19	n.a.	M30
T 31	10 23 15	6♓37'25	11♍ 3	28♒47	16♓ 2	8♉19	17♈26	9♊59	3♉25	10♉32	19♌ 3	9♋10	7♋41	15♌26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s48	21n 1	2n26	9s39	2n48	0s30	5n14	10n19	1n39	4n34	0s26	23n19	0n45	12n37	0s 6	14n26	0s53	31n 0	16n45	23n41	23n47	20n19		n.a.
M 2	18 33	18 18	3 20	9 12	2 54	0 14	5 20	10 31	1 39	4 38	0 26	23 19	0 45	12 37	0 6	14 26	0 53	31 1	16 45	23 41	23 47	20 18		n.a.
T 3	18 17	14 50	4 5	8 46	2 59	0n 2	5 26	10 42	1 39	4 42	0 26	23 19	0 45	12 37	0 6	14 26	0 53	31 2	16 45	23 41	23 47	20 17		n.a.
W 4	18 1	10 45	4 40	8 23	3 4	0 17	5 32	10 54	1 39	4 46	0 26	23 19	0 45	12 38	0 6	14 27	0 53	31 2	16 45	23 42	23 47	20 16		n.a.
T 5	17 44	6 13	5 3	8 2	3 7	0 32	5 38	11 6	1 39	4 50	0 26	23 18	0 45	12 38	0 6	14 27	0 53	31 3	16 45	23 42	23 48	20 14		n.a.
F 6	17 28	1 25	5 12	7 44	3 10	0 45	5 44	11 18	1 39	4 53	0 25	23 18	0 46	12 39	0 6	14 27	0 53	31 4	16 45	23 42	23 48	20 13		n.a.
S 7	17 11	3s32	5 7	7 29	3 11	0 58	5 49	11 30	1 39	4 57	0 25	23 18	0 46	12 39	0 6	14 27	0 53	31 4	16 45	23 43	23 48	20 12		n.a.
S 8	16 54	8 26	4 47	7 16	3 12	1 10	5 55	11 42	1 39	5 1	0 25	23 18	0 46	12 40	0 6	14 27	0 53	31 5	16 45	23 43	23 48	20 11		n.a.
M 9	16 36	13 6	4 13	7 6	3 11	1 21	6 0	11 54	1 39	5 5	0 25	23 18	0 46	12 40	0 6	14 27	0 53	31 5	16 45	23 43	23 49	20 9		n.a.
T 10	16 19	17 17	3 24	6 59	3 9	1 31	6 5	12 6	1 39	5 10	0 25	23 18	0 46	12 41	0 6	14 28	0 53	31 6	16 45	23 43	23 49	20 8		n.a.
W11	16 1	20 40	2 22	6 55	3 7	1 39	6 9	12 18	1 38	5 14	0 24	23 18	0 46	12 41	0 6	14 28	0 53	31 6	16 45	23 43	23 49	20 7		n.a.
T 12	15 43	22 55	1 10	6 53	3 3	1 47	6 14	12 30	1 38	5 18	0 24	23 18	0 46	12 42	0 6	14 28	0 53	31 7	16 45	23 43	23 49	20 6		n.a.
F 13	15 24	23 43	0s 9	6 55	2 58	1 54	6 18	12 42	1 38	5 22	0 24	23 18	0 46	12 42	0 6	14 28	0 53	31 8	16 45	23 43	23 49	20 4		n.a.
S 14	15 6	22 52	1 28	7 0	2 52	1 59	6 21	12 54	1 38	5 26	0 24	23 18	0 46	12 43	0 6	14 29	0 53	31 8	16 45	23 43	23 50	20 3		n.a.
S 15	14 47	20 20	2 43	7 7	2 44	2 3	6 25	13 5	1 38	5 31	0 24	23 18	0 46	12 43	0 6	14 29	0 53	31 9	16 45	23 43	23 50	20 2		n.a.
M16	14 28	16 23	3 47	7 17	2 36	2 6	6 28	13 17	1 38	5 35	0 24	23 18	0 46	12 44	0 6	14 29	0 53	31 9	16 45	23 43	23 50	20 0		n.a.
T 17	14 8	11 22	4 34	7 30	2 26	2 8	6 30	13 29	1 38	5 39	0 23	23 18	0 46	12 45	0 6	14 29	0 53	31 10	16 45	23 44	23 50	19 59		n.a.
W18	13 49	5 46	5 1	7 46	2 16	2 8	6 33	13 41	1 38	5 44	0 23	23 18	0 46	12 45	0 6	14 30	0 53	31 10	16 45	23 44	23 51	19 58		n.a.
T 19	13 29	0n 1	5 9	8 4	2 4	2 7	6 34	13 53	1 38	5 48	0 23	23 18	0 46	12 46	0 6	14 30	0 53	31 11	16 45	23 45	23 51	19 56		n.a.
F 20	13 9	5 38	4 57	8 24	1 51	2 4	6 36	14 4	1 38	5 52	0 23	23 18	0 46	12 47	0 6	14 30	0 53	31 11	16 45	23 45	23 51	19 55		n.a.
S 21	12 49	10 47	4 28	8 46	1 37	2 0	6 37	14 16	1 37	5 57	0 23	23 18	0 46	12 47	0 6	14 31	0 53	31 12	16 45	23 45	23 51	19 54		n.a.
S 22	12 29	15 17	3 47	9 10	1 23	1 55	6 37	14 28	1 37	6 1	0 23	23 18	0 46	12 48	0 6	14 31	0 53	31 12	16 45	23 45	23 51	19 52		n.a.
M23	12 9	18 55	2 55	9 36	1 8	1 48	6 36	14 39	1 37	6 6	0 22	23 18	0 46	12 49	0 6	14 31	0 53	31 13	16 44	23 45	23 52	19 51		n.a.
T 24	11 48	21 36	1 56	10 3	0 52	1 39	6 36	14 51	1 37	6 10	0 22	23 18	0 46	12 49	0 6	14 32	0 53	31 13	16 44	23 45	23 52	19 50		n.a.
W25	11 27	23 14	0 53	10 30	0 36	1 30	6 34	15 3	1 37	6 15	0 22	23 19	0 46	12 50	0 6	14 32	0 52	31 13	16 44	23 45	23 52	19 48		n.a.
T 26	11 6	23 46	0n12	10 58	0 19	1 18	6 32	15 14	1 37	6 19	0 22	23 19	0 46	12 51	0 6	14 32	0 52	31 14	16 44	23 45	23 52	19 47		n.a.
F 27	10 45	23 12	1 15	11 26	0 3	1 5	6 29	15 26	1 37	6 24	0 22	23 19	0 46	12 52	0 6	14 33	0 52	31 14	16 44	23 45	23 52	19 46		n.a.
S 28	10 24	21 37	2 14	11 53	0s14	0 51	6 25	15 37	1 37	6 29	0 22	23 19	0 46	12 53	0 6	14 33	0 52	31 15	16 44	23 46	23 53	19 44		n.a.
S 29	10 3	19 4	3 8	12 20	0 30	0 36	6 21	15 48	1 36	6 33	0 21	23 19	0 46	12 53	0 6	14 34	0 52	31 15	16 43	23 46	23 53	19 43		n.a.
M30	9 41	15 44	3 53	12 46	0 46	0 19	6 16	16 0	1 36	6 38	0 21	23 20	0 46	12 54	0 6	14 34	0 52	31 15	16 43	23 47	23 53	19 41		n.a.
T 31	9s20	11n45	4n29	13s11	1s 2	0n 0	6n10	16n11	1n36	6n43	0s21	23n20	0n46	12n55	0s 6	14n34	0s52	31n16	16n43	23n47	23n53	19n40		n.a.

Julian Day Number = 195102.5, Delta T = 32h20m43s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'58, Lahiri = -61°21'57 Julian Calendar 1 March 4179 BCE == Greg. Calendar 27 Jan. 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

APRIL 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 27 12	7♓34'30	23♍ 6	28°R22	15°R28	8♉53	17♈38	10♊ 1	3♉28	10♉33	19°R 2	8°R59	7♋38	15♌32	n.a.	W 1
T 2	10 31 8	8°31'35	5♎17	27♒59	14♓53	9°27	17°50	10° 3	3°30	10°34	19♌ 0	8♋48	7°35	15°39	n.a.	T 2
F 3	10 35 5	9°28'40	17°38	27°40	14°17	10° 2	18° 1	10° 5	3°33	10°35	18°58	8°39	7°31	15°46	n.a.	F 3
S 4	10 39 2	10°25'43	0♏ 9	27°25	13°40	10°36	18°13	10° 7	3°35	10°37	18°57	8°31	7°28	15°52	n.a.	S 4
S 5	10 42 58	11°22'47	12°52	27°14	13° 2	11°10	18°25	10° 9	3°38	10°38	18°55	8°25	7°25	15°59	n.a.	S 5
M 6	10 46 55	12°19'50	25°50	27° 7	12°24	11°45	18°37	10°11	3°40	10°39	18°54	8°22	7°22	16° 6	n.a.	M 6
T 7	10 50 51	13°16'52	9♐ 5	27°D 4	11°46	12°20	18°49	10°13	3°43	10°41	18°52	8°D20	7°19	16°12	n.a.	T 7
W 8	10 54 48	14°13'55	22°40	27° 6	11° 9	12°54	19° 1	10°15	3°46	10°42	18°51	8°20	7°16	16°19	n.a.	W 8
T 9	10 58 44	15°10'57	6♑37	27°12	10°32	13°29	19°13	10°18	3°48	10°43	18°49	8°R21	7°12	16°26	n.a.	T 9
F 10	11 2 41	16° 7'59	20°55	27°23	9°55	14° 4	19°25	10°20	3°51	10°45	18°48	8°20	7° 9	16°32	n.a.	F 10
S 11	11 6 38	17° 5'01	5♒34	27°39	9°20	14°39	19°38	10°23	3°54	10°46	18°47	8°18	7° 6	16°39	n.a.	S 11
S 12	11 10 34	18° 2'03	20°28	27°59	8°45	15°14	19°50	10°25	3°57	10°48	18°45	8°13	7° 3	16°46	n.a.	S 12
M13	11 14 31	18°59'04	5♓32	28°23	8°12	15°49	20° 2	10°28	3°59	10°49	18°44	8° 6	7° 0	16°52	n.a.	M13
T 14	11 18 27	19°56'05	20°36	28°52	7°41	16°24	20°15	10°31	4° 2	10°51	18°42	7°56	6°56	16°59	n.a.	T 14
W15	11 22 24	20°53'06	5♈29	29°26	7°11	17° 0	20°27	10°34	4° 5	10°52	18°41	7°46	6°53	17° 6	n.a.	W15
T 16	11 26 20	21°50'06	20° 4	0♓ 4	6°42	17°35	20°40	10°37	4° 8	10°54	18°40	7°36	6°50	17°12	n.a.	T 16
F 17	11 30 17	22°47'06	4♉13	0°46	6°16	18°10	20°52	10°40	4°11	10°56	18°38	7°27	6°47	17°19	n.a.	F 17
S 18	11 34 14	23°44'05	17°55	1°32	5°52	18°46	21° 5	10°43	4°14	10°57	18°37	7°21	6°44	17°26	n.a.	S 18
S 19	11 38 10	24°41'05	1♊ 8	2°22	5°30	19°22	21°17	10°46	4°17	10°59	18°36	7°16	6°41	17°32	n.a.	S 19
M20	11 42 7	25°38'03	13°54	3°16	5°10	19°57	21°30	10°50	4°20	11° 0	18°35	7°15	6°37	17°39	n.a.	M20
T 21	11 46 3	26°35'02	26°19	4°14	4°53	20°33	21°43	10°53	4°23	11° 2	18°33	7°D14	6°34	17°46	n.a.	T 21
W22	11 50 0	27°32'00	8♋27	5°16	4°38	21° 9	21°55	10°57	4°26	11° 4	18°32	7°R14	6°31	17°52	n.a.	W22
T 23	11 53 56	28°28'58	20°24	6°22	4°25	21°45	22° 8	11° 0	4°29	11° 6	18°31	7°14	6°28	17°59	n.a.	T 23
F 24	11 57 53	29°25'55	2♌14	7°32	4°14	22°20	22°21	11° 4	4°32	11° 7	18°30	7°11	6°25	18° 6	n.a.	F 24
S 25	12 1 50	0♈22'53	14° 2	8°45	4° 6	22°56	22°34	11° 8	4°36	11° 9	18°29	7° 7	6°22	18°13	n.a.	S 25
S 26	12 5 46	1°19'50	25°53	10° 2	4° 1	23°32	22°47	11°12	4°39	11°11	18°28	7° 0	6°18	18°19	n.a.	S 26
M27	12 9 43	2°16'47	7♍50	11°23	3°57	24° 9	22°59	11°16	4°42	11°13	18°26	6°50	6°15	18°26	n.a.	M27
T 28	12 13 39	3°13'44	19°54	12°47	3°D56	24°45	23°12	11°20	4°45	11°15	18°25	6°38	6°12	18°33	n.a.	T 28
W29	12 17 36	4°10'42	2♎ 9	14°15	3°58	25°21	23°25	11°24	4°49	11°16	18°24	6°25	6° 9	18°39	n.a.	W29
T 30	12 21 32	5♈ 7'39	14♎33	15♓47	4♓ 2	25♉57	23♈38	11♊28	4♉52	11♉18	18♌23	6♋12	6♋ 6	18♌46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8 s58	7n16	4n53	13 s34	1 s17	0 s19	6n 4	16n22	1n36	6n47	0 s21	23n20	0n46	12n56	0 s 6	14n35	0 s52	31n16	16n43	23n48	23n53	19n39		n.a.
T 2	8 36	2 28	5 3	13 56	1 31	0 40	5 56	16 33	1 36	6 52	0 21	23 20	0 46	12 57	0 6	14 35	0 52	31 16	16 43	23 49	23 53	19 37		n.a.
F 3	8 14	2 s30	5 0	14 16	1 45	1 1	5 49	16 45	1 36	6 57	0 21	23 21	0 46	12 58	0 6	14 36	0 52	31 17	16 42	23 49	23 54	19 36		n.a.
S 4	7 52	7 26	4 43	14 33	1 58	1 23	5 40	16 56	1 36	7 2	0 21	23 21	0 46	12 59	0 6	14 36	0 52	31 17	16 42	23 50	23 54	19 34		n.a.
S 5	7 30	12 9	4 11	14 48	2 10	1 47	5 31	17 7	1 35	7 6	0 20	23 21	0 46	12 59	0 6	14 37	0 52	31 17	16 42	23 50	23 54	19 33		n.a.
M 6	7 7	16 25	3 26	15 1	2 21	2 10	5 21	17 18	1 35	7 11	0 20	23 22	0 46	13 0	0 6	14 37	0 52	31 18	16 41	23 51	23 54	19 32		n.a.
T 7	6 45	19 59	2 29	15 11	2 31	2 35	5 10	17 28	1 35	7 16	0 20	23 22	0 46	13 1	0 6	14 37	0 52	31 18	16 41	23 51	23 54	19 30		n.a.
W 8	6 22	22 32	1 23	15 19	2 40	3 0	4 59	17 39	1 35	7 21	0 20	23 22	0 46	13 2	0 6	14 38	0 52	31 18	16 41	23 51	23 55	19 29		n.a.
T 9	6 0	23 47	0 9	15 24	2 47	3 25	4 48	17 50	1 35	7 26	0 20	23 23	0 46	13 3	0 6	14 38	0 52	31 18	16 41	23 51	23 55	19 27		n.a.
F 10	5 37	23 32	1 s 6	15 26	2 54	3 50	4 36	18 1	1 35	7 30	0 20	23 23	0 46	13 4	0 5	14 39	0 52	31 19	16 40	23 51	23 55	19 26		n.a.
S 11	5 14	21 40	2 19	15 26	3 0	4 15	4 23	18 11	1 34	7 35	0 19	23 23	0 46	13 5	0 5	14 39	0 52	31 19	16 40	23 51	23 55	19 24		n.a.
S 12	4 52	18 17	3 24	15 23	3 5	4 40	4 10	18 22	1 34	7 40	0 19	23 24	0 46	13 6	0 5	14 40	0 52	31 19	16 40	23 51	23 55	19 23		n.a.
M13	4 29	13 41	4 15	15 18	3 9	5 4	3 57	18 32	1 34	7 45	0 19	23 24	0 46	13 7	0 5	14 40	0 52	31 19	16 39	23 52	23 55	19 21		n.a.
T 14	4 6	8 13	4 48	15 10	3 12	5 29	3 44	18 42	1 34	7 50	0 19	23 25	0 46	13 8	0 5	14 41	0 52	31 19	16 39	23 52	23 56	19 20		n.a.
W15	3 43	2 21	5 2	15 0	3 13	5 53	3 30	18 53	1 34	7 55	0 19	23 25	0 46	13 9	0 5	14 41	0 52	31 19	16 39	23 53	23 56	19 18		n.a.
T 16	3 20	3n31	4 55	14 47	3 14	6 16	3 17	19 3	1 33	8 0	0 19	23 26	0 46	13 10	0 5	14 42	0 52	31 20	16 38	23 53	23 56	19 17		n.a.
F 17	2 56	9 4	4 30	14 31	3 14	6 38	3 3	19 13	1 33	8 5	0 19	23 26	0 46	13 11	0 5	14 43	0 52	31 20	16 38	23 54	23 56	19 16		n.a.
S 18	2 33	13 58	3 50	14 14	3 13	7 0	2 49	19 23	1 33	8 10	0 18	23 27	0 46	13 12	0 5	14 43	0 52	31 20	16 38	23 54	23 56	19 14		n.a.
S 19	2 10	18 3	2 59	13 53	3 12	7 21	2 36	19 33	1 33	8 15	0 18	23 27	0 46	13 13	0 5	14 44	0 52	31 20	16 37	23 55	23 56	19 13		n.a.
M20	1 47	21 7	2 0	13 31	3 9	7 41	2 22	19 43	1 33	8 20	0 18	23 28	0 46	13 14	0 5	14 44	0 52	31 20	16 37	23 55	23 57	19 11		n.a.
T 21	1 24	23 6	0 58	13 6	3 6	8 0	2 8	19 52	1 32	8 25	0 18	23 28	0 46	13 15	0 5	14 45	0 51	31 20	16 36	23 55	23 57	19 10		n.a.
W22	1 0	23 57	0n 6	12 38	3 1	8 18	1 55	20 2	1 32	8 30	0 18	23 29	0 46	13 17	0 5	14 45	0 51	31 20	16 36	23 55	23 57	19 8		n.a.
T 23	0 37	23 39	1 9	12 9	2 57	8 35	1 42	20 11	1 32	8 35	0 18	23 29	0 46	13 18	0 5	14 46	0 51	31 20	16 36	23 55	23 57	19 7		n.a.
F 24	0 14	22 18	2 8	11 37	2 51	8 51	1 29	20 21	1 32	8 40	0 18	23 30	0 46	13 19	0 5	14 47	0 51	31 20	16 35	23 55	23 57	19 5		n.a.
S 25	0n 9	19 58	3 2	11 3	2 45	9 6	1 16	20 30	1 32	8 45	0 18	23 30	0 46	13 20	0 5	14 47	0 51	31 20	16 35	23 55	23 57	19 3		n.a.
S 26	0 33	16 48	3 47	10 26	2 38	9 20	1 4	20 39	1 31	8 50	0 17	23 31	0 46	13 21	0 5	14 48	0 51	31 20	16 34	23 55	23 58	19 2		n.a.
M27	0 56	12 55	4 23	9 48	2 30	9 32	0 51	20 48	1 31	8 55	0 17	23 31	0 46	13 22	0 5	14 48	0 51	31 20	16 34	23 56	23 58	19 0		n.a.
T 28	1 19	8 29	4 48	9 7	2 22	9 44	0 39	20 57	1 31	9 0	0 17	23 32	0 46	13 23	0 5	14 49	0 51	31 20	16 33	23 57	23 58	18 59		n.a.
W29	1 42	3 41	4 59	8 25	2 14	9 54	0 28	21 6	1 31	9 5	0 17	23 33	0 46	13 24	0 5	14 50	0 51	31 20	16 33	23 57	23 58	18 57		n.a.
T 30	2n 6	1 s21	4n57	7 s40	2 s 5	10 s 3	0n16	21n15	1n30	9n10	0 s17	23n33	0n46	13n26	0 s 5	14n50	0 s51	31n20	16n33	23n58	23n58	18n56		n.a.

Julian Day Number = 195133.5, Delta T = 32h20m40s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'53, Lahiri = -61°21'53 Julian Calendar 1 Apr. 4179 BCE == Greg. Calendar 27 Feb. 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

MAY 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 25 29	6♈ 4'37	27♎ 8	17♓21	4♓ 7	26♉34	23♈51	11♊32	4♉55	11♉20	18°R22	6°R 0	6♋ 2	18♌53	n.a.	F 1
S 2	12 29 26	7° 1'35	9♏55	18°59	4°15	27°10	24° 4	11°37	4°59	11°22	18♌21	5♋50	5°59	18°59	n.a.	S 2
S 3	12 33 22	7°58'34	22°52	20°41	4°26	27°47	24°17	11°41	5° 2	11°24	18°20	5°42	5°56	19° 6	n.a.	S 3
M 4	12 37 19	8°55'33	6♐ 1	22°25	4°38	28°23	24°30	11°46	5° 5	11°26	18°20	5°38	5°53	19°13	n.a.	M 4
T 5	12 41 15	9°52'33	19°24	24°13	4°52	29° 0	24°44	11°50	5° 9	11°28	18°19	5°35	5°50	19°19	n.a.	T 5
W 6	12 45 12	10°49'34	3♑ 0	26° 4	5° 9	29°37	24°57	11°55	5°12	11°30	18°18	5°35	5°47	19°26	n.a.	W 6
T 7	12 49 8	11°46'36	16°52	27°57	5°27	0♊13	25°10	11°59	5°16	11°32	18°17	5°35	5°43	19°33	n.a.	T 7
F 8	12 53 5	12°43'38	1♒ 0	29°53	5°47	0°50	25°23	12° 4	5°19	11°34	18°16	5°34	5°40	19°39	n.a.	F 8
S 9	12 57 2	13°40'41	15°22	1♈52	6° 9	1°27	25°36	12° 9	5°23	11°36	18°15	5°32	5°37	19°46	n.a.	S 9
S 10	13 0 58	14°37'45	29°58	3°52	6°32	2° 4	25°49	12°14	5°26	11°38	18°15	5°26	5°34	19°53	n.a.	S 10
M11	13 4 55	15°34'50	14♓40	5°55	6°57	2°41	26° 3	12°19	5°30	11°40	18°14	5°19	5°31	19°59	n.a.	M11
T 12	13 8 51	16°31'56	29°24	7°59	7°24	3°18	26°16	12°24	5°33	11°42	18°13	5° 9	5°27	20° 6	n.a.	T 12
W13	13 12 48	17°29'02	14♈ 1	10° 4	7°52	3°55	26°29	12°29	5°37	11°44	18°13	4°58	5°24	20°13	n.a.	W13
T 14	13 16 44	18°26'09	28°24	12°11	8°22	4°33	26°43	12°34	5°40	11°46	18°12	4°47	5°21	20°20	n.a.	T 14
F 15	13 20 41	19°23'17	12♉26	14°18	8°53	5°10	26°56	12°39	5°44	11°48	18°12	4°38	5°18	20°26	n.a.	F 15
S 16	13 24 38	20°20'25	26° 3	16°26	9°26	5°47	27° 9	12°45	5°47	11°50	18°11	4°30	5°15	20°33	n.a.	S 16
S 17	13 28 34	21°17'34	9♊15	18°34	10° 0	6°25	27°22	12°50	5°51	11°52	18°10	4°26	5°12	20°40	n.a.	S 17
M18	13 32 31	22°14'44	22° 3	20°41	10°35	7° 2	27°36	12°56	5°55	11°54	18°10	4°23	5° 8	20°46	n.a.	M18
T 19	13 36 27	23°11'55	4♋29	22°49	11°11	7°40	27°49	13° 1	5°58	11°57	18°10	4°D23	5° 5	20°53	n.a.	T 19
W20	13 40 24	24° 9'06	16°38	24°56	11°49	8°17	28° 2	13° 7	6° 2	11°59	18° 9	4°23	5° 2	21° 0	n.a.	W20
T 21	13 44 21	25° 6'18	28°36	27° 2	12°28	8°55	28°16	13°12	6° 5	12° 1	18° 9	4°R23	4°59	21° 6	n.a.	T 21
F 22	13 48 17	26° 3'30	10♌27	29° 7	13° 7	9°33	28°29	13°18	6° 9	12° 3	18° 8	4°22	4°56	21°13	n.a.	F 22
S 23	13 52 14	27° 0'44	22°18	1♉11	13°48	10°11	28°43	13°24	6°13	12° 5	18° 8	4°19	4°53	21°20	n.a.	S 23
S 24	13 56 10	27°57'58	4♍11	3°14	14°30	10°49	28°56	13°29	6°16	12° 7	18° 8	4°14	4°49	21°26	n.a.	S 24
M25	14 0 7	28°55'13	16°13	5°15	15°13	11°26	29° 9	13°35	6°20	12° 9	18° 8	4° 6	4°46	21°33	n.a.	M25
T 26	14 4 3	29°52'28	28°25	7°15	15°57	12° 4	29°23	13°41	6°24	12°12	18° 7	3°56	4°43	21°40	n.a.	T 26
W27	14 8 0	0♉49'45	10♎50	9°14	16°41	12°43	29°36	13°47	6°27	12°14	18° 7	3°46	4°40	21°46	n.a.	W27
T 28	14 11 57	1°47'03	23°29	11°11	17°27	13°21	29°49	13°53	6°31	12°16	18° 7	3°35	4°37	21°53	n.a.	T 28
F 29	14 15 53	2°44'22	6♏22	13° 6	18°13	13°59	0♉ 3	13°59	6°35	12°18	18° 7	3°25	4°33	22° 0	n.a.	F 29
S 30	14 19 50	3°41'43	19°28	15° 0	19° 1	14°37	0°16	14° 5	6°38	12°20	18° 7	3°16	4°30	22° 7	n.a.	S 30
S 31	14 23 46	4♉39'04	2♐46	16♉53	19♓49	15♊15	0♉29	14♊11	6♉42	12♉23	18♌ 7	3♋10	4♋27	22♌13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	2n29	6s24	4n40	6s53	1s55	10s11	0n 5	21n24	1n30	9n15	0s17	23n34	0n46	13n27	0s 5	14n51	0s51	31n20	16n32	23n58	23n58	18n54		n.a.	
S 2	2 52	11 16	4 9	6 5	1 45	10 18	0s 5	21 32	1 30	9 20	0 17	23 34	0 46	13 28	0 5	14 51	0 51	31 20	16 32	23 59	23 59	18 53		n.a.	
S 3	3 15	15 42	3 25	5 14	1 35	10 24	0 16	21 41	1 30	9 25	0 16	23 35	0 46	13 29	0 5	14 52	0 51	31 20	16 31	23 59	23 59	18 51		n.a.	
M 4	3 38	19 28	2 29	4 22	1 24	10 29	0 26	21 49	1 30	9 30	0 16	23 36	0 46	13 30	0 5	14 53	0 51	31 19	16 31	23 59	23 59	18 50		n.a.	
T 5	4 1	22 16	1 25	3 28	1 13	10 32	0 35	21 57	1 29	9 35	0 16	23 36	0 46	13 31	0 5	14 53	0 51	31 19	16 30	24 0	23 59	18 48		n.a.	
W 6	4 24	23 51	0 14	2 33	1 2	10 35	0 45	22 5	1 29	9 40	0 16	23 37	0 46	13 33	0 5	14 54	0 51	31 19	16 30	24 0	23 59	18 46		n.a.	
T 7	4 47	24 0	0s59	1 37	0 51	10 36	0 54	22 13	1 29	9 45	0 16	23 38	0 46	13 34	0 5	14 55	0 51	31 19	16 29	24 0	23 59	18 45		n.a.	
F 8	5 10	22 37	2 10	0 39	0 40	10 37	1 2	22 21	1 29	9 51	0 16	23 38	0 46	13 35	0 5	14 55	0 51	31 19	16 29	24 0	23 59	18 43		n.a.	
S 9	5 33	19 45	3 14	0n20	0 28	10 36	1 11	22 28	1 28	9 56	0 16	23 39	0 46	13 36	0 5	14 56	0 51	31 18	16 28	24 0	24 0	18 42		n.a.	
S 10	5 55	15 37	4 6	1 19	0 17	10 35	1 19	22 36	1 28	10 1	0 16	23 40	0 46	13 37	0 5	14 57	0 51	31 18	16 28	24 0	24 0	18 40		n.a.	
M11	6 18	10 31	4 42	2 19	0 6	10 32	1 26	22 43	1 28	10 6	0 15	23 40	0 46	13 39	0 5	14 57	0 51	31 18	16 27	24 0	24 0	18 38		n.a.	
T 12	6 41	4 48	5 0	3 20	0n 5	10 29	1 34	22 50	1 27	10 11	0 15	23 41	0 46	13 40	0 5	14 58	0 51	31 18	16 27	24 1	24 0	18 37		n.a.	
W13	7 3	1n 8	4 57	4 20	0 16	10 24	1 41	22 57	1 27	10 16	0 15	23 42	0 46	13 41	0 5	14 59	0 51	31 17	16 26	24 1	24 0	18 35		n.a.	
T 14	7 25	6 55	4 36	5 21	0 26	10 19	1 48	23 4	1 27	10 21	0 15	23 43	0 46	13 42	0 5	14 59	0 51	31 17	16 26	24 2	24 0	18 34		n.a.	
F 15	7 48	12 13	3 59	6 21	0 36	10 13	1 54	23 11	1 27	10 26	0 15	23 43	0 46	13 43	0 5	15 0	0 51	31 17	16 25	24 2	24 0	18 32		n.a.	
S 16	8 10	16 46	3 8	7 20	0 45	10 6	2 0	23 18	1 26	10 31	0 15	23 44	0 46	13 45	0 5	15 1	0 51	31 17	16 25	24 2	24 0	18 30		n.a.	
S 17	8 32	20 20	2 9	8 18	0 54	9 58	2 6	23 24	1 26	10 36	0 15	23 45	0 46	13 46	0 5	15 1	0 51	31 16	16 24	24 2	24 1	18 29		n.a.	
M18	8 54	22 47	1 5	9 16	1 3	9 50	2 12	23 30	1 26	10 41	0 15	23 45	0 46	13 47	0 5	15 2	0 51	31 16	16 23	24 2	24 1	18 27		n.a.	
T 19	9 16	24 3	0n 1	10 12	1 11	9 40	2 17	23 37	1 26	10 46	0 15	23 46	0 47	13 48	0 5	15 3	0 51	31 15	16 23	24 2	24 1	18 25		n.a.	
W20	9 37	24 7	1 5	11 7	1 18	9 30	2 22	23 43	1 25	10 51	0 14	23 47	0 47	13 50	0 5	15 3	0 51	31 15	16 22	24 2	24 1	18 24		n.a.	
T 21	9 59	23 4	2 5	12 0	1 24	9 19	2 27	23 48	1 25	10 56	0 14	23 48	0 47	13 51	0 5	15 4	0 51	31 15	16 22	24 2	24 1	18 22		n.a.	
F 22	10 20	20 59	3 0	12 52	1 30	9 8	2 32	23 54	1 25	11 1	0 14	23 48	0 47	13 52	0 5	15 5	0 51	31 14	16 21	24 2	24 1	18 20		n.a.	
S 23	10 42	18 1	3 46	13 42	1 35	8 56	2 36	24 0	1 24	11 6	0 14	23 49	0 47	13 53	0 5	15 6	0 51	31 14	16 21	24 3	24 1	18 19		n.a.	
S 24	11 3	14 19	4 23	14 30	1 40	8 43	2 40	24 5	1 24	11 11	0 14	23 50	0 47	13 55	0 5	15 6	0 51	31 13	16 20	24 3	24 1	18 17		n.a.	
M25	11 24	10 0	4 49	15 16	1 44	8 29	2 44	24 10	1 24	11 16	0 14	23 51	0 47	13 56	0 5	15 7	0 51	31 13	16 20	24 3	24 2	18 15		n.a.	
T 26	11 44	5 14	5 2	16 0	1 47	8 15	2 47	24 15	1 23	11 21	0 14	23 52	0 47	13 57	0 5	15 8	0 51	31 13	16 19	24 3	24 2	18 14		n.a.	
W27	12 5	0 11	5 1	16 42	1 50	8 0	2 50	24 20	1 23	11 26	0 14	23 52	0 47	13 58	0 5	15 8	0 51	31 12	16 18	24 4	24 2	18 12		n.a.	
T 28	12 26	4s58	4 45	17 23	1 52	7 45	2 54	24 25	1 23	11 31	0 13	23 53	0 47	14 0	0 5	15 9	0 51	31 12	16 18	24 4	24 2	18 10		n.a.	
F 29	12 46	10 1	4 15	18 1	1 54	7 29	2 56	24 29	1 23	11 36	0 13	23 54	0 47	14 1	0 5	15 10	0 51	31 11	16 17	24 4	24 2	18 9		n.a.	
S 30	13 6	14 43	3 31	18 37	1 55	7 12	2 59	24 34	1 22	11 41	0 13	23 55	0 47	14 2	0 5	15 10	0 51	31 11	16 17	24 4	24 2	18 7		n.a.	
S 31	13n26	18s47	2n35	19n11	1n55	6s55	3s 2	24n38	1n22	11n46	0s13	23n55	0n47	14n 3	0s 5	15n11	0s50	31n10	16n16	24n 5	24n 2	18n 5		n.a.	

Julian Day Number = 195163.5, Delta T = 32h20m36s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'49, Lahiri = -61°21'49 Julian Calendar 1 May 4179 BCE == Greg. Calendar 29 March 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

JUNE 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 27 43	5♉36'27	16♐16	18♉44	20♓37	15♊54	0♉43	14♊17	6♉46	12♉25	18°D 7	3°R 7	4♋24	22♌20	n.a.	M 1
T 2	14 31 39	6°33'52	29°55	20°33	21°27	16°32	0°56	14°24	6°49	12°27	18♌ 7	3°D 6	4°21	22°27	n.a.	T 2
W 3	14 35 36	7°31'19	13♑44	22°21	22°17	17°11	1° 9	14°30	6°53	12°29	18° 7	3♋ 6	4°18	22°33	n.a.	W 3
T 4	14 39 33	8°28'47	27°41	24° 7	23° 8	17°49	1°23	14°36	6°57	12°32	18° 7	3° 7	4°14	22°40	n.a.	T 4
F 5	14 43 29	9°26'17	11♒47	25°51	24° 0	18°28	1°36	14°42	7° 1	12°34	18° 7	3°R 7	4°11	22°47	n.a.	F 5
S 6	14 47 26	10°23'48	25°59	27°35	24°52	19° 6	1°49	14°49	7° 4	12°36	18° 7	3° 6	4° 8	22°53	n.a.	S 6
S 7	14 51 22	11°21'21	10♓17	29°16	25°45	19°45	2° 2	14°55	7° 8	12°38	18° 7	3° 3	4° 5	23° 0	n.a.	S 7
M 8	14 55 19	12°18'56	24°37	0♊56	26°38	20°24	2°16	15° 2	7°12	12°40	18° 8	2°58	4° 2	23° 7	n.a.	M 8
T 9	14 59 15	13°16'33	8♈55	2°35	27°33	21° 3	2°29	15° 8	7°15	12°43	18° 8	2°51	3°59	23°13	n.a.	T 9
W10	15 3 12	14°14'11	23° 7	4°11	28°27	21°42	2°42	15°15	7°19	12°45	18° 8	2°44	3°55	23°20	n.a.	W10
T 11	15 7 9	15°11'52	7♉ 6	5°47	29°22	22°21	2°55	15°21	7°23	12°47	18° 8	2°36	3°52	23°27	n.a.	T 11
F 12	15 11 5	16° 9'33	20°50	7°21	0♈18	23° 0	3° 9	15°28	7°26	12°49	18° 9	2°29	3°49	23°33	n.a.	F 12
S 13	15 15 2	17° 7'17	4♊13	8°53	1°14	23°39	3°22	15°35	7°30	12°52	18° 9	2°24	3°46	23°40	n.a.	S 13
S 14	15 18 58	18° 5'02	17°17	10°24	2°11	24°18	3°35	15°42	7°34	12°54	18°10	2°21	3°43	23°47	n.a.	S 14
M15	15 22 55	19° 2'49	29°59	11°53	3° 8	24°57	3°48	15°48	7°37	12°56	18°10	2°D20	3°39	23°54	n.a.	M15
T 16	15 26 51	20° 0'37	12♋24	13°21	4° 5	25°37	4° 1	15°55	7°41	12°58	18°11	2°20	3°36	24° 0	n.a.	T 16
W17	15 30 48	20°58'27	24°33	14°47	5° 3	26°16	4°14	16° 2	7°44	13° 1	18°11	2°22	3°33	24° 7	n.a.	W17
T 18	15 34 44	21°56'18	6♌31	16°12	6° 2	26°55	4°27	16° 9	7°48	13° 3	18°12	2°23	3°30	24°14	n.a.	T 18
F 19	15 38 41	22°54'11	18°24	17°35	7° 1	27°35	4°40	16°16	7°52	13° 5	18°12	2°R24	3°27	24°20	n.a.	F 19
S 20	15 42 38	23°52'05	0♍15	18°56	8° 0	28°14	4°53	16°22	7°55	13° 7	18°13	2°24	3°24	24°27	n.a.	S 20
S 21	15 46 34	24°50'01	12°10	20°16	8°59	28°54	5° 6	16°29	7°59	13° 9	18°14	2°22	3°20	24°34	n.a.	S 21
M22	15 50 31	25°47'58	24°14	21°33	9°59	29°34	5°19	16°36	8° 2	13°12	18°14	2°19	3°17	24°40	n.a.	M22
T 23	15 54 27	26°45'57	6♎31	22°49	11° 0	0♋13	5°32	16°43	8° 6	13°14	18°15	2°15	3°14	24°47	n.a.	T 23
W24	15 58 24	27°43'58	19° 3	24° 3	12° 1	0°53	5°45	16°50	8°10	13°16	18°16	2° 9	3°11	24°54	n.a.	W24
T 25	16 2 20	28°42'01	1♏53	25°16	13° 2	1°33	5°58	16°57	8°13	13°18	18°17	2° 4	3° 8	25° 1	n.a.	T 25
F 26	16 6 17	29°40'05	15° 1	26°26	14° 3	2°13	6°10	17° 4	8°17	13°20	18°17	1°58	3° 4	25° 7	n.a.	F 26
S 27	16 10 13	0♊38'11	28°27	27°34	15° 5	2°53	6°23	17°11	8°20	13°22	18°18	1°54	3° 1	25°14	n.a.	S 27
S 28	16 14 10	1°36'19	12♐ 8	28°40	16° 7	3°33	6°36	17°18	8°24	13°25	18°19	1°51	2°58	25°21	n.a.	S 28
M29	16 18 7	2°34'30	26° 3	29°43	17° 9	4°13	6°48	17°26	8°27	13°27	18°20	1°D50	2°55	25°27	n.a.	M29
T 30	16 22 3	3♊32'42	10♑ 8	0♋44	18♈12	4♋53	7♉ 1	17♊33	8♉30	13♉29	18♌21	1♋50	2♋52	25♌34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n46	21s55	1n29	19n43	1n55	6s37	3s 4	24n42	1n22	11n50	0s13	23n56	0n47	14n 5	0s 5	15n12	0s50	31n10	16n15	24n 5	24n 2	18n 4		n.a.
T 2	14 5	23 50	0 17	20 13	1 54	6 19	3 6	24 46	1 21	11 55	0 13	23 57	0 47	14 6	0 5	15 13	0 50	31 9	16 15	24 5	24 2	18 2		n.a.
W 3	14 24	24 20	0s57	20 41	1 53	6 0	3 8	24 49	1 21	12 0	0 13	23 58	0 47	14 7	0 5	15 13	0 50	31 8	16 14	24 5	24 3	18 0		n.a.
T 4	14 44	23 18	2 8	21 7	1 51	5 41	3 9	24 53	1 21	12 5	0 13	23 59	0 47	14 8	0 5	15 14	0 50	31 8	16 14	24 5	24 3	17 58		n.a.
F 5	15 2	20 48	3 12	21 31	1 49	5 21	3 11	24 56	1 20	12 10	0 13	23 59	0 47	14 10	0 5	15 15	0 50	31 7	16 13	24 5	24 3	17 57		n.a.
S 6	15 21	17 2	4 5	21 53	1 46	5 1	3 12	24 59	1 20	12 15	0 12	24 0	0 47	14 11	0 5	15 15	0 50	31 7	16 13	24 5	24 3	17 55		n.a.
S 7	15 40	12 16	4 43	22 14	1 43	4 41	3 13	25 2	1 20	12 20	0 12	24 1	0 47	14 12	0 5	15 16	0 50	31 6	16 12	24 5	24 3	17 53		n.a.
M 8	15 58	6 49	5 4	22 32	1 39	4 20	3 14	25 4	1 19	12 24	0 12	24 2	0 47	14 13	0 5	15 17	0 50	31 5	16 11	24 5	24 3	17 51		n.a.
T 9	16 16	1 1	5 5	22 49	1 35	3 58	3 15	25 7	1 19	12 29	0 12	24 2	0 47	14 15	0 5	15 18	0 50	31 5	16 11	24 5	24 3	17 50		n.a.
W10	16 33	4n47	4 48	23 4	1 31	3 36	3 16	25 9	1 19	12 34	0 12	24 3	0 47	14 16	0 5	15 18	0 50	31 4	16 10	24 5	24 3	17 48		n.a.
T 11	16 51	10 17	4 14	23 17	1 26	3 14	3 16	25 11	1 18	12 39	0 12	24 4	0 47	14 17	0 5	15 19	0 50	31 3	16 10	24 5	24 3	17 46		n.a.
F 12	17 8	15 11	3 25	23 28	1 20	2 52	3 16	25 13	1 18	12 43	0 12	24 5	0 47	14 18	0 5	15 20	0 50	31 3	16 9	24 5	24 3	17 44		n.a.
S 13	17 25	19 12	2 26	23 38	1 15	2 29	3 16	25 15	1 17	12 48	0 12	24 6	0 47	14 20	0 5	15 20	0 50	31 2	16 8	24 6	24 4	17 43		n.a.
S 14	17 42	22 9	1 21	23 46	1 9	2 6	3 16	25 16	1 17	12 53	0 12	24 6	0 47	14 21	0 5	15 21	0 50	31 1	16 8	24 6	24 4	17 41		n.a.
M15	17 58	23 54	0 13	23 53	1 2	1 42	3 16	25 18	1 17	12 57	0 11	24 7	0 47	14 22	0 5	15 22	0 50	31 1	16 7	24 6	24 4	17 39		n.a.
T 16	18 14	24 25	0n54	23 58	0 56	1 19	3 16	25 19	1 16	13 2	0 11	24 8	0 47	14 23	0 5	15 22	0 50	31 0	16 7	24 6	24 4	17 37		n.a.
W17	18 30	23 45	1 58	24 2	0 49	0 55	3 15	25 20	1 16	13 7	0 11	24 9	0 48	14 25	0 5	15 23	0 50	30 59	16 6	24 6	24 4	17 35		n.a.
T 18	18 46	21 59	2 55	24 4	0 42	0 30	3 15	25 20	1 16	13 11	0 11	24 10	0 48	14 26	0 5	15 24	0 50	30 58	16 5	24 6	24 4	17 34		n.a.
F 19	19 1	19 17	3 44	24 5	0 34	0 6	3 14	25 21	1 15	13 16	0 11	24 10	0 48	14 27	0 5	15 25	0 50	30 58	16 5	24 6	24 4	17 32		n.a.
S 20	19 16	15 47	4 24	24 4	0 26	0n19	3 13	25 21	1 15	13 21	0 11	24 11	0 48	14 28	0 5	15 25	0 50	30 57	16 4	24 6	24 4	17 30		n.a.
S 21	19 31	11 40	4 52	24 3	0 18	0 44	3 12	25 21	1 15	13 25	0 11	24 12	0 48	14 29	0 5	15 26	0 50	30 56	16 4	24 6	24 4	17 28		n.a.
M22	19 45	7 2	5 8	24 0	0 10	1 9	3 11	25 21	1 14	13 30	0 11	24 13	0 48	14 31	0 5	15 27	0 50	30 55	16 3	24 6	24 4	17 26		n.a.
T 23	19 59	2 4	5 10	23 56	0 1	1 34	3 10	25 21	1 14	13 34	0 11	24 13	0 48	14 32	0 5	15 27	0 50	30 55	16 3	24 6	24 4	17 25		n.a.
W24	20 12	3s 5	4 58	23 51	0s 8	2 0	3 9	25 20	1 13	13 39	0 10	24 14	0 48	14 33	0 5	15 28	0 50	30 54	16 2	24 6	24 5	17 23		n.a.
T 25	20 26	8 15	4 30	23 45	0 17	2 25	3 7	25 19	1 13	13 43	0 10	24 15	0 48	14 34	0 5	15 29	0 50	30 53	16 1	24 6	24 5	17 21		n.a.
F 26	20 39	13 10	3 48	23 38	0 26	2 51	3 6	25 18	1 13	13 48	0 10	24 16	0 48	14 35	0 5	15 29	0 50	30 52	16 1	24 6	24 5	17 19		n.a.
S 27	20 51	17 34	2 53	23 30	0 36	3 17	3 4	25 17	1 12	13 52	0 10	24 17	0 48	14 36	0 5	15 30	0 50	30 51	16 0	24 6	24 5	17 17		n.a.
S 28	21 4	21 8	1 46	23 21	0 45	3 43	3 2	25 16	1 12	13 56	0 10	24 17	0 48	14 38	0 5	15 31	0 50	30 50	16 0	24 6	24 5	17 15		n.a.
M29	21 16	23 32	0 32	23 12	0 55	4 10	3 0	25 14	1 11	14 1	0 10	24 18	0 48	14 39	0 5	15 31	0 50	30 50	15 59	24 6	24 5	17 14		n.a.
T 30	21n27	24s28	0s45	23n 2	1s 5	4n36	2s58	25n12	1n11	14n 5	0s10	24n19	0n48	14n40	0s 5	15n32	0s50	30n49	15n59	24n 6	24n 5	17n12		n.a.

Julian Day Number = 195194.5, Delta T = 32h20m33s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'45, Lahiri = -61°21'45 Julian Calendar 1 June 4179 BCE == Greg. Calendar 29 Apr. 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

JULY 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 26 0	4♊30'57	24♉19	1♋42	19♈15	5♋33	7♉14	17♊40	8♉34	13♉31	18♏22	1♋51	2♋49	25♏41	n.a.	W 1
T 2	16 29 56	5°29'14	8♒33	2°38	20°19	6°14	7°26	17°47	8°37	13°33	18°23	1°53	2°45	25°47	n.a.	T 2
F 3	16 33 53	6°27'33	22°48	3°31	21°22	6°54	7°39	17°54	8°41	13°35	18°24	1°54	2°42	25°54	n.a.	F 3
S 4	16 37 49	7°25'55	7♓ 1	4°20	22°26	7°34	7°51	18° 1	8°44	13°37	18°25	1°R54	2°39	26° 1	n.a.	S 4
S 5	16 41 46	8°24'19	21°10	5° 7	23°30	8°15	8° 3	18° 9	8°47	13°39	18°26	1°54	2°36	26° 7	n.a.	S 5
M 6	16 45 42	9°22'45	5♈13	5°49	24°35	8°55	8°16	18°16	8°51	13°41	18°28	1°52	2°33	26°14	n.a.	M 6
T 7	16 49 39	10°21'14	19° 7	6°28	25°40	9°36	8°28	18°23	8°54	13°43	18°29	1°50	2°30	26°21	n.a.	T 7
W 8	16 53 36	11°19'45	2♉52	7° 3	26°45	10°17	8°40	18°30	8°57	13°45	18°30	1°47	2°26	26°28	n.a.	W 8
T 9	16 57 32	12°18'19	16°24	7°33	27°50	10°57	8°52	18°37	9° 0	13°47	18°31	1°44	2°23	26°34	n.a.	T 9
F 10	17 1 29	13°16'55	29°42	7°59	28°55	11°38	9° 5	18°45	9° 4	13°49	18°33	1°42	2°20	26°41	n.a.	F 10
S 11	17 5 25	14°15'33	12♊46	8°20	0♉ 1	12°19	9°17	18°52	9° 7	13°51	18°34	1°40	2°17	26°48	n.a.	S 11
S 12	17 9 22	15°14'13	25°33	8°36	1° 7	13° 0	9°29	18°59	9°10	13°53	18°35	1°D39	2°14	26°54	n.a.	S 12
M13	17 13 18	16°12'56	8♋ 5	8°45	2°13	13°41	9°41	19° 7	9°13	13°55	18°37	1°39	2°10	27° 1	n.a.	M13
T 14	17 17 15	17°11'41	20°23	8°R49	3°19	14°22	9°52	19°14	9°16	13°57	18°38	1°40	2° 7	27° 8	n.a.	T 14
W15	17 21 11	18°10'27	2♌30	8°47	4°26	15° 3	10° 4	19°21	9°19	13°59	18°39	1°41	2° 4	27°14	n.a.	W15
T 16	17 25 8	19° 9'16	14°27	8°38	5°33	15°44	10°16	19°28	9°22	14° 1	18°41	1°42	2° 1	27°21	n.a.	T 16
F 17	17 29 4	20° 8'07	26°19	8°22	6°40	16°25	10°28	19°36	9°25	14° 3	18°42	1°43	1°58	27°28	n.a.	F 17
S 18	17 33 1	21° 7'00	8♍10	7°59	7°47	17° 6	10°39	19°43	9°28	14° 5	18°44	1°44	1°55	27°35	n.a.	S 18
S 19	17 36 58	22° 5'54	20° 4	7°29	8°54	17°48	10°51	19°50	9°31	14° 7	18°46	1°R44	1°51	27°41	n.a.	S 19
M20	17 40 54	23° 4'51	2♎ 7	6°52	10° 2	18°29	11° 2	19°57	9°34	14° 9	18°47	1°44	1°48	27°48	n.a.	M20
T 21	17 44 51	24° 3'50	14°23	6° 8	11°10	19°11	11°14	20° 5	9°37	14°10	18°49	1°44	1°45	27°55	n.a.	T 21
W22	17 48 47	25° 2'51	26°55	5°17	12°18	19°52	11°25	20°12	9°40	14°12	18°50	1°43	1°42	28° 1	n.a.	W22
T 23	17 52 44	26° 1'53	9♏48	4°21	13°26	20°34	11°36	20°19	9°43	14°14	18°52	1°42	1°39	28° 8	n.a.	T 23
F 24	17 56 40	27° 0'58	23° 4	3°21	14°34	21°15	11°48	20°26	9°46	14°16	18°54	1°42	1°36	28°15	n.a.	F 24
S 25	18 0 37	28° 0'05	6♐42	2°16	15°42	21°57	11°59	20°34	9°49	14°18	18°55	1°41	1°32	28°21	n.a.	S 25
S 26	18 4 33	28°59'15	20°42	1° 9	16°51	22°39	12°10	20°41	9°51	14°19	18°57	1°41	1°29	28°28	n.a.	S 26
M27	18 8 30	29°58'26	5♑ 1	0° 2	18° 0	23°20	12°21	20°48	9°54	14°21	18°59	1°D41	1°26	28°35	n.a.	M27
T 28	18 12 26	0♋57'40	19°33	28♊56	19° 9	24° 2	12°31	20°55	9°57	14°23	19° 1	1°41	1°23	28°42	n.a.	T 28
W29	18 16 23	1°56'57	4♒12	27°52	20°18	24°44	12°42	21° 3	9°59	14°24	19° 3	1°R41	1°20	28°48	n.a.	W29
T 30	18 20 19	2°56'15	18°52	26°53	21°28	25°26	12°53	21°10	10° 2	14°26	19° 4	1°41	1°16	28°55	n.a.	T 30
F 31	18 24 16	3♋55'37	3♓27	26♊ 0	22♉37	26♋ 8	13♉ 4	21♊17	10♉ 4	14♉27	19♏ 6	1♋41	1♋13	29♏ 2	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n38	23s50	2s 0	22n51	1s15	5n 2	2s56	25n10	1n11	14n 9	0s10	24n20	0n48	14n41	0s 5	15n33	0s50	30n48	15n58	24n 6	24n 5	17n10		n.a.
T 2	21 49	21 39	3 8	22 40	1 26	5 29	2 54	25 8	1 10	14 14	0 10	24 20	0 48	14 42	0 5	15 33	0 50	30 47	15 57	24 6	24 5	17 8		n.a.
F 3	22 0	18 8	4 4	22 28	1 36	5 55	2 52	25 5	1 10	14 18	0 10	24 21	0 48	14 43	0 5	15 34	0 50	30 46	15 57	24 6	24 5	17 6		n.a.
S 4	22 10	13 34	4 45	22 16	1 46	6 22	2 49	25 3	1 9	14 22	0 9	24 22	0 48	14 44	0 5	15 35	0 50	30 45	15 56	24 6	24 5	17 4		n.a.
S 5	22 19	8 18	5 9	22 4	1 57	6 48	2 47	25 0	1 9	14 26	0 9	24 22	0 49	14 46	0 5	15 35	0 50	30 44	15 56	24 6	24 5	17 2		n.a.
M 6	22 29	2 39	5 14	21 52	2 7	7 15	2 44	24 57	1 8	14 31	0 9	24 23	0 49	14 47	0 4	15 36	0 50	30 43	15 55	24 6	24 5	17 1		n.a.
T 7	22 38	3n 5	5 0	21 40	2 17	7 41	2 42	24 53	1 8	14 35	0 9	24 24	0 49	14 48	0 4	15 36	0 50	30 43	15 55	24 6	24 5	16 59		n.a.
W 8	22 46	8 36	4 30	21 28	2 28	8 8	2 39	24 50	1 8	14 39	0 9	24 25	0 49	14 49	0 4	15 37	0 50	30 42	15 54	24 6	24 6	16 57		n.a.
T 9	22 54	13 38	3 44	21 16	2 38	8 34	2 36	24 46	1 7	14 43	0 9	24 25	0 49	14 50	0 4	15 38	0 50	30 41	15 54	24 6	24 6	16 55		n.a.
F 10	23 2	17 56	2 47	21 4	2 48	9 1	2 33	24 42	1 7	14 47	0 9	24 26	0 49	14 51	0 4	15 38	0 50	30 40	15 53	24 6	24 6	16 53		n.a.
S 11	23 9	21 16	1 42	20 53	2 58	9 27	2 31	24 37	1 6	14 51	0 9	24 27	0 49	14 52	0 4	15 39	0 50	30 39	15 53	24 6	24 6	16 51		n.a.
S 12	23 16	23 29	0 34	20 43	3 7	9 53	2 28	24 33	1 6	14 55	0 9	24 27	0 49	14 53	0 4	15 40	0 50	30 38	15 52	24 6	24 6	16 49		n.a.
M13	23 23	24 27	0n36	20 34	3 16	10 20	2 24	24 28	1 5	14 59	0 8	24 28	0 49	14 54	0 4	15 40	0 50	30 37	15 51	24 6	24 6	16 47		n.a.
T 14	23 29	24 12	1 42	20 25	3 24	10 46	2 21	24 23	1 5	15 3	0 8	24 29	0 49	14 55	0 4	15 41	0 50	30 36	15 51	24 6	24 6	16 45		n.a.
W15	23 34	22 47	2 43	20 17	3 32	11 12	2 18	24 18	1 4	15 7	0 8	24 30	0 49	14 56	0 4	15 41	0 50	30 35	15 50	24 6	24 6	16 43		n.a.
T 16	23 39	20 23	3 35	20 11	3 39	11 37	2 15	24 13	1 4	15 11	0 8	24 30	0 49	14 57	0 4	15 42	0 50	30 34	15 50	24 6	24 6	16 41		n.a.
F 17	23 44	17 8	4 19	20 6	3 45	12 3	2 12	24 7	1 3	15 15	0 8	24 31	0 49	14 58	0 4	15 42	0 50	30 33	15 49	24 6	24 6	16 40		n.a.
S 18	23 48	13 13	4 51	20 3	3 50	12 29	2 8	24 2	1 3	15 19	0 8	24 32	0 49	14 59	0 4	15 43	0 50	30 32	15 49	24 6	24 6	16 38		n.a.
S 19	23 52	8 46	5 10	20 1	3 54	12 54	2 5	23 56	1 3	15 23	0 8	24 32	0 50	15 0	0 4	15 44	0 50	30 31	15 48	24 6	24 6	16 36		n.a.
M20	23 56	3 57	5 17	20 0	3 56	13 19	2 2	23 49	1 2	15 26	0 8	24 33	0 50	15 1	0 4	15 44	0 50	30 30	15 48	24 6	24 6	16 34		n.a.
T 21	23 58	1s 5	5 9	20 2	3 57	13 44	1 58	23 43	1 2	15 30	0 8	24 34	0 50	15 2	0 4	15 45	0 50	30 29	15 48	24 6	24 6	16 32		n.a.
W22	24 1	6 13	4 47	20 5	3 55	14 8	1 55	23 36	1 1	15 34	0 7	24 34	0 50	15 3	0 4	15 45	0 50	30 28	15 47	24 6	24 6	16 30		n.a.
T 23	24 3	11 13	4 10	20 10	3 52	14 33	1 51	23 29	1 1	15 38	0 7	24 35	0 50	15 4	0 4	15 46	0 50	30 27	15 47	24 6	24 6	16 28		n.a.
F 24	24 5	15 52	3 18	20 17	3 47	14 57	1 48	23 22	1 0	15 41	0 7	24 35	0 50	15 5	0 4	15 46	0 50	30 26	15 46	24 6	24 6	16 26		n.a.
S 25	24 6	19 50	2 14	20 26	3 40	15 21	1 44	23 15	1 0	15 45	0 7	24 36	0 50	15 6	0 4	15 47	0 50	30 25	15 46	24 6	24 6	16 24		n.a.
S 26	24 6	22 46	1 1	20 36	3 31	15 44	1 41	23 7	0 59	15 48	0 7	24 37	0 50	15 7	0 4	15 47	0 50	30 24	15 45	24 6	24 6	16 22		n.a.
M27	24 7	24 19	0s18	20 47	3 20	16 8	1 37	23 0	0 59	15 52	0 7	24 37	0 50	15 7	0 4	15 48	0 50	30 23	15 45	24 6	24 6	16 20		n.a.
T 28	24 6	24 15	1 38	21 0	3 6	16 31	1 33	22 52	0 58	15 55	0 7	24 38	0 50	15 8	0 4	15 48	0 50	30 22	15 44	24 6	24 6	16 18		n.a.
W29	24 6	22 31	2 51	21 14	2 51	16 53	1 30	22 44	0 58	15 59	0 7	24 38	0 50	15 9	0 4	15 49	0 50	30 21	15 44	24 6	24 6	16 16		n.a.
T 30	24 5	19 16	3 53	21 30	2 35	17 15	1 26	22 35	0 57	16 2	0 7	24 39	0 51	15 10	0 4	15 49	0 50	30 20	15 44	24 6	24 7	16 14		n.a.
F 31	24n 3	14s51	4s40	21n46	2s18	17n37	1s22	22n27	0n57	16n 6	0s 6	24n40	0n51	15n11	0s 4	15n50	0s50	30n19	15n43	24n 6	24n 7	16n12		n.a.

Julian Day Number = 195224.5, Delta T = 32h20m30s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'41, Lahiri = -61°21'41 Julian Calendar 1 July 4179 BCE == Greg. Calendar 29 May 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

AUGUST 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 28 12	4♋55'00	17♓52	25°R14	23♉47	26♋50	13♉14	21♊24	10♉ 7	14♉29	19♌ 8	1°R41	1♋10	29♌ 8	n.a.	S 1
S 2	18 32 9	5°54'26	2♈ 4	24♊37	24°56	27°32	13°24	21°31	10° 9	14°31	19°10	1°D40	1° 7	29°15	n.a.	S 2
M 3	18 36 6	6°53'55	16° 0	24°10	26° 6	28°15	13°35	21°38	10°12	14°32	19°12	1♋41	1° 4	29°22	n.a.	M 3
T 4	18 40 2	7°53'27	29°39	23°53	27°17	28°57	13°45	21°45	10°14	14°34	19°14	1°41	1° 1	29°29	n.a.	T 4
W 5	18 43 59	8°53'01	13♉ 3	23°D47	28°27	29°39	13°55	21°52	10°16	14°35	19°16	1°41	0°57	29°35	n.a.	W 5
T 6	18 47 55	9°52'37	26°12	23°52	29°37	0♌22	14° 5	21°59	10°19	14°37	19°18	1°42	0°54	29°42	n.a.	T 6
F 7	18 51 52	10°52'17	9♊ 6	24° 7	0♊48	1° 4	14°15	22° 7	10°21	14°38	19°20	1°43	0°51	29°49	n.a.	F 7
S 8	18 55 48	11°51'58	21°47	24°32	1°58	1°47	14°25	22°14	10°23	14°39	19°22	1°44	0°48	29°55	n.a.	S 8
S 9	18 59 45	12°51'42	4♋17	25° 7	3° 9	2°29	14°35	22°21	10°25	14°41	19°24	1°R44	0°45	0♍ 2	n.a.	S 9
M10	19 3 41	13°51'28	16°35	25°51	4°20	3°12	14°44	22°27	10°27	14°42	19°26	1°43	0°42	0° 9	n.a.	M10
T 11	19 7 38	14°51'17	28°43	26°43	5°31	3°55	14°54	22°34	10°30	14°43	19°28	1°42	0°38	0°15	n.a.	T 11
W12	19 11 34	15°51'08	10♌44	27°43	6°42	4°37	15° 3	22°41	10°32	14°45	19°30	1°40	0°35	0°22	n.a.	W12
T 13	19 15 31	16°51'00	22°39	28°49	7°54	5°20	15°12	22°48	10°34	14°46	19°32	1°38	0°32	0°29	n.a.	T 13
F 14	19 19 27	17°50'55	4♍29	0♋ 1	9° 5	6° 3	15°22	22°55	10°35	14°47	19°35	1°35	0°29	0°36	n.a.	F 14
S 15	19 23 24	18°50'52	16°20	1°19	10°17	6°46	15°31	23° 2	10°37	14°48	19°37	1°33	0°26	0°42	n.a.	S 15
S 16	19 27 20	19°50'50	28°13	2°41	11°28	7°29	15°40	23° 9	10°39	14°50	19°39	1°31	0°22	0°49	n.a.	S 16
M17	19 31 17	20°50'51	10♎13	4° 7	12°40	8°12	15°48	23°15	10°41	14°51	19°41	1°30	0°19	0°56	n.a.	M17
T 18	19 35 14	21°50'53	22°25	5°36	13°52	8°55	15°57	23°22	10°43	14°52	19°43	1°D29	0°16	1° 2	n.a.	T 18
W19	19 39 10	22°50'58	4♏53	7° 8	15° 4	9°38	16° 6	23°29	10°44	14°53	19°46	1°30	0°13	1° 9	n.a.	W19
T 20	19 43 7	23°51'04	17°41	8°41	16°16	10°22	16°14	23°35	10°46	14°54	19°48	1°31	0°10	1°16	n.a.	T 20
F 21	19 47 3	24°51'12	0♐53	10°17	17°28	11° 5	16°22	23°42	10°48	14°55	19°50	1°32	0° 7	1°23	n.a.	F 21
S 22	19 51 0	25°51'22	14°32	11°54	18°41	11°48	16°31	23°48	10°49	14°56	19°52	1°34	0° 3	1°29	n.a.	S 22
S 23	19 54 56	26°51'34	28°38	13°33	19°53	12°32	16°39	23°55	10°51	14°57	19°55	1°R35	0° 0	1°36	n.a.	S 23
M24	19 58 53	27°51'48	13♑ 8	15°12	21° 5	13°15	16°47	24° 1	10°52	14°58	19°57	1°34	29♊57	1°43	n.a.	M24
T 25	20 2 49	28°52'04	27°59	16°52	22°18	13°59	16°54	24° 8	10°54	14°59	19°59	1°33	29°54	1°49	n.a.	T 25
W26	20 6 46	29°52'22	13♒ 2	18°32	23°31	14°42	17° 2	24°14	10°55	15° 0	20° 2	1°29	29°51	1°56	n.a.	W26
T 27	20 10 42	0♌52'42	28° 9	20°12	24°43	15°26	17°10	24°21	10°56	15° 0	20° 4	1°25	29°48	2° 3	n.a.	T 27
F 28	20 14 39	1°53'03	13♓ 9	21°53	25°56	16°10	17°17	24°27	10°57	15° 1	20° 6	1°21	29°44	2°10	n.a.	F 28
S 29	20 18 35	2°53'28	27°55	23°33	27° 9	16°53	17°24	24°33	10°59	15° 2	20° 9	1°17	29°41	2°16	n.a.	S 29
S 30	20 22 32	3°53'54	12♈20	25°14	28°22	17°37	17°31	24°39	11° 0	15° 3	20°11	1°14	29°38	2°23	n.a.	S 30
M31	20 26 28	4♌54'22	26♈22	26♋54	29♊36	18♌21	17♉38	24♊45	11♉ 1	15♉ 4	20♌13	1♋12	29♊35	2♍30	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 1	9s38	5s 8	22n 3	1s59	17n59	1s18	22n18	0n56	16n 9	0s 6	24n40	0n51	15n12	0s 4	15n50	0s50	30n18	15n43	24n 6	24n 7	16n10		n.a.
S 2	23 59	3 59	5 17	22 20	1 40	18 20	1 15	22 9	0 56	16 12	0 6	24 41	0 51	15 13	0 4	15 51	0 50	30 17	15 42	24 6	24 7	16 8		n.a.
M 3	23 56	1n45	5 7	22 38	1 21	18 41	1 11	22 0	0 55	16 16	0 6	24 41	0 51	15 13	0 4	15 51	0 50	30 16	15 42	24 6	24 7	16 6		n.a.
T 4	23 52	7 18	4 40	22 56	1 2	19 1	1 7	21 50	0 55	16 19	0 6	24 42	0 51	15 14	0 4	15 52	0 50	30 15	15 41	24 6	24 7	16 4		n.a.
W 5	23 48	12 25	3 58	23 14	0 43	19 21	1 3	21 41	0 54	16 22	0 6	24 42	0 51	15 15	0 4	15 52	0 50	30 14	15 41	24 6	24 7	16 2		n.a.
T 6	23 44	16 52	3 5	23 33	0 25	19 40	1 0	21 31	0 54	16 25	0 6	24 43	0 51	15 16	0 4	15 52	0 50	30 13	15 41	24 6	24 7	16 0		n.a.
F 7	23 39	20 26	2 2	23 50	0 8	19 59	0 56	21 21	0 53	16 28	0 6	24 44	0 51	15 16	0 4	15 53	0 50	30 12	15 40	24 6	24 7	15 58		n.a.
S 8	23 34	22 56	0 55	24 8	0n 8	20 17	0 52	21 11	0 53	16 32	0 6	24 44	0 51	15 17	0 4	15 53	0 50	30 11	15 40	24 6	24 7	15 56		n.a.
S 9	23 28	24 17	0n14	24 24	0 23	20 35	0 48	21 0	0 52	16 35	0 5	24 45	0 52	15 18	0 4	15 54	0 50	30 10	15 40	24 6	24 7	15 54		n.a.
M10	23 22	24 24	1 21	24 40	0 37	20 53	0 45	20 49	0 51	16 38	0 5	24 45	0 52	15 18	0 4	15 54	0 50	30 9	15 39	24 6	24 7	15 52		n.a.
T 11	23 15	23 20	2 24	24 54	0 50	21 9	0 41	20 39	0 51	16 41	0 5	24 46	0 52	15 19	0 4	15 54	0 50	30 7	15 39	24 6	24 7	15 50		n.a.
W12	23 8	21 13	3 19	25 7	1 2	21 26	0 37	20 28	0 50	16 44	0 5	24 46	0 52	15 20	0 4	15 55	0 50	30 6	15 39	24 6	24 7	15 48		n.a.
T 13	23 1	18 12	4 6	25 19	1 12	21 42	0 34	20 16	0 50	16 47	0 5	24 47	0 52	15 20	0 4	15 55	0 50	30 5	15 38	24 6	24 7	15 46		n.a.
F 14	22 53	14 28	4 41	25 28	1 21	21 57	0 30	20 5	0 49	16 49	0 5	24 47	0 52	15 21	0 4	15 56	0 50	30 4	15 38	24 6	24 7	15 44		n.a.
S 15	22 45	10 11	5 4	25 36	1 29	22 11	0 26	19 53	0 49	16 52	0 5	24 48	0 52	15 22	0 4	15 56	0 50	30 3	15 38	24 6	24 7	15 42		n.a.
S 16	22 36	5 31	5 15	25 41	1 36	22 25	0 23	19 41	0 48	16 55	0 5	24 48	0 52	15 22	0 4	15 56	0 50	30 2	15 37	24 6	24 7	15 39		n.a.
M17	22 27	0 36	5 12	25 45	1 42	22 39	0 19	19 29	0 48	16 58	0 5	24 49	0 52	15 23	0 4	15 57	0 50	30 1	15 37	24 6	24 7	15 37		n.a.
T 18	22 17	4s25	4 55	25 46	1 47	22 51	0 15	19 17	0 47	17 0	0 4	24 49	0 53	15 23	0 4	15 57	0 50	30 0	15 37	24 6	24 7	15 35		n.a.
W19	22 7	9 23	4 23	25 46	1 51	23 3	0 12	19 5	0 46	17 3	0 4	24 50	0 53	15 24	0 4	15 57	0 50	29 59	15 37	24 6	24 7	15 33		n.a.
T 20	21 56	14 6	3 39	25 43	1 54	23 15	0 8	18 52	0 46	17 6	0 4	24 50	0 53	15 25	0 4	15 58	0 51	29 58	15 36	24 6	24 7	15 31		n.a.
F 21	21 45	18 17	2 41	25 38	1 56	23 26	0 5	18 40	0 45	17 8	0 4	24 50	0 53	15 25	0 4	15 58	0 51	29 57	15 36	24 6	24 7	15 29		n.a.
S 22	21 34	21 40	1 32	25 31	1 57	23 36	0 1	18 27	0 45	17 11	0 4	24 51	0 53	15 26	0 4	15 58	0 51	29 56	15 36	24 6	24 7	15 27		n.a.
S 23	21 22	23 50	0 16	25 22	1 58	23 45	0n 2	18 14	0 44	17 13	0 4	24 51	0 53	15 26	0 4	15 58	0 51	29 55	15 35	24 6	24 7	15 25		n.a.
M24	21 10	24 30	1s 3	25 11	1 58	23 54	0 6	18 0	0 44	17 16	0 4	24 52	0 53	15 26	0 4	15 59	0 51	29 54	15 35	24 6	24 7	15 23		n.a.
T 25	20 58	23 26	2 20	24 58	1 58	24 2	0 9	17 47	0 43	17 18	0 4	24 52	0 53	15 27	0 4	15 59	0 51	29 53	15 35	24 6	24 7	15 21		n.a.
W26	20 45	20 41	3 28	24 43	1 57	24 9	0 12	17 33	0 42	17 21	0 3	24 53	0 54	15 27	0 4	15 59	0 51	29 52	15 35	24 6	24 7	15 19		n.a.
T 27	20 31	16 31	4 22	24 26	1 55	24 16	0 15	17 20	0 42	17 23	0 3	24 53	0 54	15 28	0 4	15 59	0 51	29 51	15 35	24 6	24 7	15 16		n.a.
F 28	20 18	11 21	4 57	24 8	1 53	24 22	0 19	17 6	0 41	17 25	0 3	24 53	0 54	15 28	0 4	16 0	0 51	29 50	15 34	24 6	24 7	15 14		n.a.
S 29	20 4	5 36	5 12	23 48	1 50	24 27	0 22	16 51	0 41	17 27	0 3	24 54	0 54	15 29	0 4	16 0	0 51	29 49	15 34	24 7	24 7	15 12		n.a.
S 30	19 49	0n20	5 7	23 27	1 47	24 31	0 25	16 37	0 40	17 30	0 3	24 54	0 54	15 29	0 4	16 0	0 51	29 48	15 34	24 7	24 7	15 10		n.a.
M31	19n34	6n 4	4s43	23n 4	1n44	24n35	0n28	16n23	0n39	17n32	0s 3	24n55	0n54	15n29	0s 4	16n 0	0s51	29n47	15n34	24n 7	24n 7	15n 8		n.a.

Julian Day Number = 195255.5, Delta T = 32h20m27s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'37, Lahiri = -61°21'37 Julian Calendar 1 Aug. 4179 BCE == Greg. Calendar 29 June 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

SEPTEMBER 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 30 25	5♌54'53	9♉59	28♋34	0♋49	19♌ 5	17♉45	24♊51	11♉ 2	15♉ 4	20♌16	1°D12	29♊32	2♍36	n.a.	T 1
W 2	20 34 22	6°55'26	23°14	0♌14	2° 2	19°49	17°52	24°57	11° 3	15° 5	20°18	1♋13	29°28	2°43	n.a.	W 2
T 3	20 38 18	7°56'01	6♊ 8	1°54	3°16	20°33	17°58	25° 3	11° 4	15° 5	20°21	1°14	29°25	2°50	n.a.	T 3
F 4	20 42 15	8°56'39	18°45	3°33	4°29	21°17	18° 5	25° 9	11° 5	15° 6	20°23	1°16	29°22	2°56	n.a.	F 4
S 5	20 46 11	9°57'18	1♋ 9	5°12	5°43	22° 1	18°11	25°15	11° 5	15° 7	20°25	1°R17	29°19	3° 3	n.a.	S 5
S 6	20 50 8	10°57'59	13°23	6°51	6°56	22°45	18°17	25°21	11° 6	15° 7	20°28	1°16	29°16	3°10	n.a.	S 6
M 7	20 54 4	11°58'42	25°28	8°29	8°10	23°29	18°23	25°27	11° 7	15° 8	20°30	1°13	29°13	3°17	n.a.	M 7
T 8	20 58 1	12°59'27	7♌27	10° 7	9°24	24°14	18°29	25°33	11° 8	15° 8	20°33	1° 8	29° 9	3°23	n.a.	T 8
W 9	21 1 57	14° 0'14	19°22	11°45	10°38	24°58	18°34	25°38	11° 8	15° 8	20°35	1° 1	29° 6	3°30	n.a.	W 9
T 10	21 5 54	15° 1'02	1♍13	13°22	11°52	25°42	18°40	25°44	11° 9	15° 9	20°37	0°52	29° 3	3°37	n.a.	T 10
F 11	21 9 50	16° 1'52	13° 4	14°59	13° 6	26°27	18°45	25°49	11° 9	15° 9	20°40	0°43	29° 0	3°43	n.a.	F 11
S 12	21 13 47	17° 2'43	24°56	16°35	14°20	27°11	18°50	25°55	11°10	15° 9	20°42	0°34	28°57	3°50	n.a.	S 12
S 13	21 17 44	18° 3'36	6♎50	18°12	15°34	27°56	18°55	26° 0	11°10	15°10	20°45	0°26	28°53	3°57	n.a.	S 13
M14	21 21 40	19° 4'30	18°50	19°48	16°48	28°41	18°59	26° 5	11°10	15°10	20°47	0°19	28°50	4° 4	n.a.	M14
T 15	21 25 37	20° 5'25	1♏ 0	21°23	18° 2	29°25	19° 4	26°11	11°10	15°10	20°50	0°15	28°47	4°10	n.a.	T 15
W16	21 29 33	21° 6'21	13°23	22°59	19°16	0♍10	19° 8	26°16	11°11	15°10	20°52	0°13	28°44	4°17	n.a.	W16
T 17	21 33 30	22° 7'19	26° 4	24°34	20°31	0°55	19°13	26°21	11°11	15°10	20°55	0°D13	28°41	4°24	n.a.	T 17
F 18	21 37 26	23° 8'18	9♐ 7	26° 9	21°45	1°40	19°17	26°26	11°11	15°10	20°57	0°14	28°38	4°30	n.a.	F 18
S 19	21 41 23	24° 9'18	22°36	27°43	23° 0	2°24	19°20	26°31	11°R11	15°10	21° 0	0°15	28°34	4°37	n.a.	S 19
S 20	21 45 19	25°10'19	6♑33	29°18	24°14	3° 9	19°24	26°36	11°11	15°R10	21° 2	0°R15	28°31	4°44	n.a.	S 20
M21	21 49 16	26°11'21	21° 0	0♍52	25°29	3°54	19°28	26°41	11°11	15°10	21° 4	0°13	28°28	4°51	n.a.	M21
T 22	21 53 12	27°12'25	5♒52	2°26	26°43	4°39	19°31	26°45	11°11	15°10	21° 7	0° 8	28°25	4°57	n.a.	T 22
W23	21 57 9	28°13'29	21° 3	4° 0	27°58	5°24	19°34	26°50	11°11	15°10	21° 9	0° 2	28°22	5° 4	n.a.	W23
T 24	22 1 6	29°14'34	6♓24	5°34	29°13	6° 9	19°37	26°55	11°10	15°10	21°12	29♊53	28°19	5°11	n.a.	T 24
F 25	22 5 2	0♍15'41	21°43	7° 7	0♌27	6°54	19°40	26°59	11°10	15°10	21°14	29°43	28°15	5°17	n.a.	F 25
S 26	22 8 59	1°16'49	6♈49	8°41	1°42	7°40	19°42	27° 3	11°10	15°10	21°17	29°34	28°12	5°24	n.a.	S 26
S 27	22 12 55	2°17'58	21°32	10°14	2°57	8°25	19°45	27° 8	11° 9	15°10	21°19	29°26	28° 9	5°31	n.a.	S 27
M28	22 16 52	3°19'08	5♉47	11°48	4°12	9°10	19°47	27°12	11° 9	15° 9	21°21	29°21	28° 6	5°38	n.a.	M28
T 29	22 20 48	4°20'20	19°33	13°21	5°27	9°55	19°49	27°16	11° 8	15° 9	21°24	29°18	28° 3	5°44	n.a.	T 29
W30	22 24 45	5♍21'33	2♊50	14♍54	6♌41	10♍41	19♉51	27♊20	11♉ 8	15♉ 9	21♌26	29°D16	27♊59	5♍51	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n19	11n22	4s 4	22n40	1n40	24n38	0n31	16n 8	0n39	17n34	0s 3	24n55	0n54	15n30	0s 4	16n 0	0s51	29n46	15n34	24n 7	24n 7	15n 6		n.a.
W 2	19 4	16 0	3 13	22 14	1 36	24 40	0 34	15 53	0 38	17 36	0 3	24 55	0 54	15 30	0 4	16 1	0 51	29 45	15 33	24 7	24 7	15 4		n.a.
T 3	18 48	19 46	2 13	21 47	1 32	24 41	0 37	15 38	0 38	17 38	0 2	24 56	0 55	15 30	0 4	16 1	0 51	29 44	15 33	24 7	24 7	15 1		n.a.
F 4	18 32	22 30	1 8	21 19	1 27	24 42	0 40	15 23	0 37	17 40	0 2	24 56	0 55	15 31	0 4	16 1	0 51	29 43	15 33	24 7	24 7	14 59		n.a.
S 5	18 15	24 6	0 1	20 50	1 23	24 42	0 43	15 8	0 36	17 42	0 2	24 56	0 55	15 31	0 4	16 1	0 51	29 42	15 33	24 7	24 7	14 57		n.a.
S 6	17 58	24 30	1n 5	20 20	1 18	24 41	0 45	14 53	0 36	17 43	0 2	24 57	0 55	15 31	0 4	16 1	0 51	29 41	15 33	24 7	24 7	14 55		n.a.
M 7	17 41	23 44	2 7	19 49	1 12	24 39	0 48	14 37	0 35	17 45	0 2	24 57	0 55	15 31	0 4	16 1	0 51	29 40	15 33	24 7	24 7	14 53		n.a.
T 8	17 23	21 52	3 3	19 17	1 7	24 37	0 51	14 21	0 35	17 47	0 2	24 58	0 55	15 32	0 4	16 2	0 51	29 39	15 33	24 7	24 7	14 51		n.a.
W 9	17 5	19 4	3 51	18 44	1 1	24 34	0 53	14 6	0 34	17 49	0 2	24 58	0 55	15 32	0 4	16 2	0 51	29 38	15 33	24 7	24 7	14 48		n.a.
T 10	16 47	15 29	4 28	18 10	0 56	24 30	0 56	13 50	0 33	17 50	0 1	24 58	0 56	15 32	0 4	16 2	0 51	29 37	15 32	24 7	24 7	14 46		n.a.
F 11	16 29	11 19	4 53	17 36	0 50	24 25	0 58	13 34	0 33	17 52	0 1	24 59	0 56	15 32	0 4	16 2	0 51	29 36	15 32	24 7	24 7	14 44		n.a.
S 12	16 10	6 43	5 6	17 0	0 44	24 20	1 1	13 17	0 32	17 54	0 1	24 59	0 56	15 32	0 4	16 2	0 51	29 35	15 32	24 7	24 7	14 42		n.a.
S 13	15 51	1 52	5 5	16 24	0 38	24 13	1 3	13 1	0 31	17 55	0 1	24 59	0 56	15 32	0 4	16 2	0 51	29 34	15 32	24 7	24 7	14 40		n.a.
M14	15 31	3s 6	4 51	15 48	0 32	24 6	1 5	12 44	0 31	17 57	0 1	25 0	0 56	15 32	0 4	16 2	0 51	29 34	15 32	24 7	24 7	14 38		n.a.
T 15	15 12	8 2	4 24	15 11	0 26	23 58	1 7	12 28	0 30	17 58	0 1	25 0	0 56	15 33	0 4	16 2	0 51	29 33	15 32	24 7	24 7	14 35		n.a.
W16	14 52	12 44	3 45	14 33	0 20	23 50	1 9	12 11	0 29	17 59	0 1	25 0	0 57	15 33	0 4	16 2	0 51	29 32	15 32	24 7	24 7	14 33		n.a.
T 17	14 32	17 1	2 53	13 55	0 13	23 41	1 12	11 54	0 29	18 1	0 0	25 0	0 57	15 33	0 4	16 2	0 51	29 31	15 32	24 7	24 7	14 31		n.a.
F 18	14 11	20 37	1 51	13 16	0 7	23 31	1 13	11 37	0 28	18 2	0 0	25 1	0 57	15 33	0 4	16 2	0 51	29 30	15 32	24 7	24 6	14 29		n.a.
S 19	13 50	23 13	0 41	12 37	0 1	23 20	1 15	11 20	0 27	18 3	0 0	25 1	0 57	15 33	0 4	16 2	0 51	29 29	15 32	24 7	24 6	14 27		n.a.
S 20	13 30	24 31	0s34	11 57	0s 6	23 8	1 17	11 3	0 27	18 4	0 0	25 1	0 57	15 33	0 4	16 2	0 51	29 28	15 32	24 7	24 6	14 24		n.a.
M21	13 8	24 13	1 49	11 17	0 12	22 56	1 19	10 46	0 26	18 5	0n 0	25 2	0 57	15 33	0 4	16 2	0 51	29 27	15 32	24 7	24 6	14 22		n.a.
T 22	12 47	22 13	2 58	10 37	0 19	22 43	1 21	10 28	0 26	18 7	0 0	25 2	0 57	15 33	0 4	16 2	0 51	29 27	15 32	24 7	24 6	14 20		n.a.
W23	12 25	18 36	3 57	9 56	0 25	22 30	1 22	10 10	0 25	18 8	0 0	25 2	0 58	15 33	0 4	16 2	0 51	29 26	15 32	24 7	24 6	14 18		n.a.
T 24	12 4	13 43	4 39	9 15	0 31	22 15	1 24	9 53	0 24	18 9	0 1	25 2	0 58	15 33	0 4	16 2	0 51	29 25	15 32	24 7	24 6	14 15		n.a.
F 25	11 41	7 57	5 1	8 34	0 37	22 0	1 25	9 35	0 24	18 9	0 1	25 3	0 58	15 32	0 4	16 2	0 51	29 24	15 32	24 7	24 6	14 13		n.a.
S 26	11 19	1 49	5 1	7 52	0 44	21 45	1 26	9 17	0 23	18 10	0 1	25 3	0 58	15 32	0 4	16 2	0 51	29 23	15 32	24 7	24 6	14 11		n.a.
S 27	10 57	4n17	4 42	7 11	0 50	21 28	1 28	8 59	0 22	18 11	0 1	25 3	0 58	15 32	0 4	16 2	0 51	29 22	15 32	24 7	24 6	14 9		n.a.
M28	10 34	9 59	4 5	6 29	0 56	21 11	1 29	8 41	0 22	18 12	0 1	25 4	0 58	15 32	0 4	16 2	0 51	29 22	15 32	24 7	24 6	14 6		n.a.
T 29	10 11	14 59	3 15	5 47	1 2	20 54	1 30	8 23	0 21	18 13	0 1	25 4	0 59	15 32	0 4	16 2	0 51	29 21	15 32	24 7	24 6	14 4		n.a.
W30	9n48	19n 6	2s16	5n 5	1s 8	20n35	1n31	8n 5	0n20	18n13	0n 1	25n 4	0n59	15n32	0s 4	16n 1	0s51	29n20	15n32	24n 7	24n 6	14n 2		n.a.

Julian Day Number = 195286.5, Delta T = 32h20m23s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'33, Lahiri = -61°21'32 Julian Calendar 1 Sept. 4179 BCE == Greg. Calendar 30 July 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

OCTOBER 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 28 41	6♍22'48	15♊42	16♍27	7♌56	11♍26	19♉52	27♊24	11°R 7	15°R 8	21♌29	29♊17	27♊56	5♍58	n.a.	T 1
F 2	22 32 38	7°24'03	28°13	18° 0	9°11	12°12	19°54	27°28	11♉ 6	15♉ 8	21°31	29°R17	27°53	6° 4	n.a.	F 2
S 3	22 36 35	8°25'20	10♋28	19°32	10°26	12°57	19°55	27°32	11° 6	15° 8	21°33	29°16	27°50	6°11	n.a.	S 3
S 4	22 40 31	9°26'38	22°32	21° 5	11°41	13°43	19°56	27°36	11° 5	15° 7	21°36	29°14	27°47	6°18	n.a.	S 4
M 5	22 44 28	10°27'57	4♌29	22°38	12°57	14°28	19°57	27°40	11° 4	15° 7	21°38	29° 8	27°44	6°25	n.a.	M 5
T 6	22 48 24	11°29'16	16°21	24°10	14°12	15°14	19°57	27°43	11° 3	15° 6	21°40	29° 0	27°40	6°31	n.a.	T 6
W 7	22 52 21	12°30'37	28°12	25°42	15°27	16° 0	19°58	27°47	11° 2	15° 6	21°43	28°49	27°37	6°38	n.a.	W 7
T 8	22 56 17	13°31'58	10♍ 3	27°14	16°42	16°46	19°58	27°50	11° 1	15° 5	21°45	28°35	27°34	6°45	n.a.	T 8
F 9	23 0 14	14°33'19	21°56	28°46	17°57	17°31	19°R58	27°53	11° 0	15° 4	21°47	28°20	27°31	6°51	n.a.	F 9
S 10	23 4 11	15°34'41	3♎52	0♎17	19°12	18°17	19°58	27°56	10°59	15° 4	21°50	28° 6	27°28	6°58	n.a.	S 10
S 11	23 8 7	16°36'04	15°52	1°48	20°27	19° 3	19°58	28° 0	10°58	15° 3	21°52	27°52	27°25	7° 5	n.a.	S 11
M12	23 12 4	17°37'27	27°58	3°18	21°43	19°49	19°57	28° 3	10°57	15° 2	21°54	27°41	27°21	7°12	n.a.	M12
T 13	23 16 0	18°38'51	10♏12	4°48	22°58	20°35	19°56	28° 6	10°55	15° 1	21°57	27°33	27°18	7°18	n.a.	T 13
W14	23 19 57	19°40'14	22°37	6°17	24°13	21°21	19°55	28° 8	10°54	15° 1	21°59	27°27	27°15	7°25	n.a.	W14
T 15	23 23 53	20°41'38	5♐16	7°45	25°28	22° 7	19°54	28°11	10°53	15° 0	22° 1	27°25	27°12	7°32	n.a.	T 15
F 16	23 27 50	21°43'02	18°13	9°12	26°44	22°53	19°53	28°14	10°51	14°59	22° 3	27°24	27° 9	7°38	n.a.	F 16
S 17	23 31 46	22°44'26	1♑32	10°38	27°59	23°39	19°51	28°16	10°50	14°58	22° 5	27°24	27° 5	7°45	n.a.	S 17
S 18	23 35 43	23°45'49	15°17	12° 2	29°14	24°25	19°50	28°19	10°48	14°57	22° 8	27°23	27° 2	7°52	n.a.	S 18
M19	23 39 40	24°47'13	29°28	13°25	0♍29	25°11	19°48	28°21	10°47	14°56	22°10	27°21	26°59	7°59	n.a.	M19
T 20	23 43 36	25°48'37	14♒ 6	14°45	1°45	25°57	19°45	28°23	10°45	14°55	22°12	27°15	26°56	8° 5	n.a.	T 20
W21	23 47 33	26°50'00	29° 5	16° 3	3° 0	26°43	19°43	28°25	10°44	14°54	22°14	27° 7	26°53	8°12	n.a.	W21
T 22	23 51 29	27°51'23	14♓20	17°18	4°15	27°30	19°41	28°27	10°42	14°53	22°16	26°57	26°50	8°19	n.a.	T 22
F 23	23 55 26	28°52'46	29°38	18°30	5°31	28°16	19°38	28°29	10°40	14°52	22°18	26°45	26°46	8°25	n.a.	F 23
S 24	23 59 23	29°54'09	14♈49	19°38	6°46	29° 2	19°35	28°31	10°38	14°51	22°20	26°33	26°43	8°32	n.a.	S 24
S 25	0 3 19	0♎55'32	29°41	20°40	8° 1	29°49	19°32	28°33	10°37	14°50	22°22	26°23	26°40	8°39	n.a.	S 25
M26	0 7 16	1°56'56	14♉ 8	21°38	9°16	0♎35	19°29	28°34	10°35	14°49	22°24	26°15	26°37	8°46	n.a.	M26
T 27	0 11 12	2°58'19	28° 5	22°29	10°32	1°21	19°25	28°36	10°33	14°48	22°26	26°10	26°34	8°52	n.a.	T 27
W28	0 15 9	3°59'42	11♊31	23°14	11°47	2° 8	19°21	28°37	10°31	14°47	22°28	26° 8	26°30	8°59	n.a.	W28
T 29	0 19 5	5° 1'06	24°29	23°51	13° 2	2°54	19°18	28°39	10°29	14°46	22°30	26°D 7	26°27	9° 6	n.a.	T 29
F 30	0 23 2	6° 2'29	7♋ 4	24°18	14°18	3°41	19°14	28°40	10°27	14°44	22°32	26°R 7	26°24	9°12	n.a.	F 30
S 31	0 26 59	7♎ 3'53	19♋20	24♎37	15♍33	4♎27	19♉ 9	28♊41	10♉25	14♉43	22♌34	26♊ 7	26♊21	9♍19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n25	22n 8	1s12	4n22	1s13	20n17	1n32	7n46	0n19	18n14	0n 2	25n 4	0n59	15n32	0s 4	16n 1	0s51	29n19	15n32	24n 7	24n 6	14n 0		n.a.
F 2	9 2	24 1	0 6	3 40	1 19	19 57	1 33	7 28	0 19	18 14	0 2	25 5	0 59	15 31	0 4	16 1	0 51	29 19	15 33	24 7	24 6	13 57		n.a.
S 3	8 38	24 40	0n59	2 58	1 24	19 37	1 34	7 9	0 18	18 15	0 2	25 5	0 59	15 31	0 4	16 1	0 51	29 18	15 33	24 7	24 6	13 55		n.a.
S 4	8 15	24 9	2 0	2 16	1 30	19 16	1 34	6 51	0 17	18 15	0 2	25 5	1 0	15 31	0 4	16 1	0 51	29 17	15 33	24 7	24 6	13 53		n.a.
M 5	7 51	22 31	2 55	1 34	1 35	18 55	1 35	6 32	0 17	18 16	0 2	25 5	1 0	15 31	0 4	16 1	0 51	29 16	15 33	24 7	24 6	13 50		n.a.
T 6	7 27	19 54	3 42	0 52	1 40	18 33	1 36	6 13	0 16	18 16	0 2	25 6	1 0	15 30	0 4	16 1	0 51	29 16	15 33	24 7	24 6	13 48		n.a.
W 7	7 3	16 28	4 19	0 10	1 45	18 11	1 36	5 55	0 15	18 16	0 3	25 6	1 0	15 30	0 4	16 0	0 51	29 15	15 33	24 7	24 6	13 46		n.a.
T 8	6 39	12 23	4 45	0s32	1 49	17 48	1 37	5 36	0 15	18 16	0 3	25 6	1 0	15 30	0 4	16 0	0 51	29 14	15 33	24 6	24 6	13 44		n.a.
F 9	6 15	7 49	4 58	1 13	1 53	17 25	1 37	5 17	0 14	18 17	0 3	25 6	1 0	15 29	0 4	16 0	0 51	29 14	15 33	24 6	24 5	13 41		n.a.
S 10	5 50	2 58	4 58	1 54	1 57	17 1	1 37	4 58	0 13	18 17	0 3	25 7	1 1	15 29	0 4	16 0	0 51	29 13	15 34	24 6	24 5	13 39		n.a.
S 11	5 26	2s 3	4 45	2 34	2 1	16 37	1 37	4 39	0 13	18 17	0 3	25 7	1 1	15 29	0 4	16 0	0 51	29 12	15 34	24 6	24 5	13 37		n.a.
M12	5 1	7 1	4 20	3 14	2 4	16 12	1 38	4 19	0 12	18 17	0 3	25 7	1 1	15 28	0 4	15 59	0 51	29 12	15 34	24 6	24 5	13 34		n.a.
T 13	4 37	11 48	3 42	3 53	2 7	15 47	1 38	4 0	0 11	18 17	0 4	25 7	1 1	15 28	0 4	15 59	0 51	29 11	15 34	24 6	24 5	13 32		n.a.
W14	4 12	16 10	2 53	4 32	2 9	15 21	1 38	3 41	0 10	18 17	0 4	25 7	1 1	15 27	0 4	15 59	0 51	29 10	15 34	24 5	24 5	13 30		n.a.
T 15	3 47	19 55	1 54	5 10	2 11	14 55	1 37	3 22	0 10	18 16	0 4	25 8	1 2	15 27	0 4	15 59	0 51	29 10	15 35	24 5	24 5	13 27		n.a.
F 16	3 22	22 46	0 48	5 46	2 13	14 28	1 37	3 2	0 9	18 16	0 4	25 8	1 2	15 27	0 4	15 58	0 51	29 9	15 35	24 5	24 5	13 25		n.a.
S 17	2 58	24 28	0s22	6 22	2 14	14 1	1 37	2 43	0 8	18 16	0 4	25 8	1 2	15 26	0 4	15 58	0 51	29 9	15 35	24 5	24 5	13 23		n.a.
S 18	2 33	24 45	1 33	6 56	2 14	13 34	1 37	2 24	0 8	18 16	0 4	25 8	1 2	15 26	0 4	15 58	0 51	29 8	15 35	24 5	24 5	13 20		n.a.
M19	2 8	23 27	2 40	7 29	2 14	13 6	1 36	2 4	0 7	18 15	0 5	25 9	1 2	15 25	0 4	15 58	0 51	29 7	15 35	24 5	24 5	13 18		n.a.
T 20	1 43	20 33	3 40	8 1	2 13	12 38	1 36	1 45	0 6	18 15	0 5	25 9	1 2	15 25	0 4	15 57	0 51	29 7	15 36	24 5	24 5	13 16		n.a.
W21	1 18	16 14	4 25	8 30	2 11	12 10	1 35	1 25	0 6	18 14	0 5	25 9	1 3	15 24	0 4	15 57	0 51	29 6	15 36	24 5	24 5	13 13		n.a.
T 22	0 53	10 49	4 53	8 57	2 9	11 41	1 35	1 6	0 5	18 14	0 5	25 9	1 3	15 24	0 4	15 57	0 51	29 6	15 36	24 5	24 5	13 11		n.a.
F 23	0 27	4 42	4 59	9 22	2 5	11 12	1 34	0 46	0 4	18 13	0 5	25 9	1 3	15 23	0 4	15 56	0 51	29 5	15 36	24 4	24 4	13 9		n.a.
S 24	0 2	1n38	4 45	9 45	2 1	10 43	1 33	0 27	0 3	18 13	0 5	25 10	1 3	15 23	0 4	15 56	0 51	29 5	15 37	24 4	24 4	13 6		n.a.
S 25	0s23	7 46	4 11	10 4	1 56	10 13	1 32	0 7	0 3	18 12	0 6	25 10	1 3	15 22	0 4	15 56	0 51	29 4	15 37	24 4	24 4	13 4		n.a.
M26	0 48	13 19	3 22	10 20	1 49	9 43	1 32	0s13	0 2	18 11	0 6	25 10	1 4	15 21	0 4	15 55	0 51	29 4	15 37	24 4	24 4	13 2		n.a.
T 27	1 13	17 59	2 22	10 33	1 41	9 13	1 31	0 32	0 1	18 10	0 6	25 10	1 4	15 21	0 4	15 55	0 51	29 4	15 38	24 3	24 4	12 59		n.a.
W28	1 38	21 32	1 16	10 42	1 32	8 43	1 30	0 52	0 1	18 9	0 6	25 11	1 4	15 20	0 4	15 55	0 51	29 3	15 38	24 3	24 4	12 57		n.a.
T 29	2 3	23 51	0 9	10 46	1 22	8 12	1 29	1 11	0s 0	18 9	0 6	25 11	1 4	15 20	0 4	15 54	0 51	29 3	15 38	24 3	24 4	12 55		n.a.
F 30	2 28	24 53	0n58	10 46	1 10	7 41	1 27	1 31	0 1	18 8	0 6	25 11	1 4	15 19	0 4	15 54	0 51	29 2	15 38	24 3	24 4	12 52		n.a.
S 31	2s53	24n39	1n59	10s40	0s57	7n10	1n26	1s51	0s 2	18n 7	0n 7	25n11	1n 5	15n18	0s 4	15n53	0s51	29n 2	15n39	24n 3	24n 4	12n50		n.a.

Julian Day Number = 195316.5, Delta T = 32h20m20s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'29, Lahiri = -61°21'28 Julian Calendar 1 Oct. 4179 BCE == Greg. Calendar 29 Aug. 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

NOVEMBER 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 30 55	8♎ 5'16	1♌22	24°R44	16♍48	5♎14	19°R 5	28♊42	10°R23	14°R42	22♌36	26°R 4	26♊18	9♍26	n.a.	S 1
M 2	0 34 52	9° 6'39	13°16	24♎41	18° 4	6° 1	19♉ 0	28°43	10♉21	14♉41	22°38	25♊59	26°15	9°33	n.a.	M 2
T 3	0 38 48	10° 8'02	25° 6	24°26	19°19	6°47	18°56	28°44	10°19	14°39	22°40	25°52	26°11	9°39	n.a.	T 3
W 4	0 42 45	11° 9'25	6♍56	23°59	20°34	7°34	18°51	28°44	10°17	14°38	22°41	25°41	26° 8	9°46	n.a.	W 4
T 5	0 46 41	12°10'47	18°48	23°20	21°50	8°21	18°46	28°45	10°14	14°37	22°43	25°28	26° 5	9°53	n.a.	T 5
F 6	0 50 38	13°12'08	0♎45	22°31	23° 5	9° 7	18°41	28°45	10°12	14°35	22°45	25°14	26° 2	10° 0	n.a.	F 6
S 7	0 54 35	14°13'29	12°48	21°31	24°20	9°54	18°35	28°46	10°10	14°34	22°47	25° 0	25°59	10° 6	n.a.	S 7
S 8	0 58 31	15°14'50	24°59	20°24	25°36	10°41	18°30	28°46	10° 8	14°32	22°48	24°47	25°56	10°13	n.a.	S 8
M 9	1 2 28	16°16'09	7♏17	19°10	26°51	11°27	18°24	28°46	10° 5	14°31	22°50	24°36	25°52	10°20	n.a.	M 9
T 10	1 6 24	17°17'28	19°44	17°52	28° 6	12°14	18°18	28°R46	10° 3	14°30	22°52	24°28	25°49	10°26	n.a.	T 10
W11	1 10 21	18°18'46	2♐20	16°33	29°21	13° 1	18°12	28°46	10° 1	14°28	22°53	24°23	25°46	10°33	n.a.	W11
T 12	1 14 17	19°20'03	15° 9	15°15	0♎37	13°48	18° 6	28°46	9°58	14°27	22°55	24°21	25°43	10°40	n.a.	T 12
F 13	1 18 14	20°21'19	28°11	14° 1	1°52	14°35	18° 0	28°46	9°56	14°25	22°57	24°D20	25°40	10°47	n.a.	F 13
S 14	1 22 11	21°22'34	11♑30	12°52	3° 7	15°22	17°53	28°45	9°54	14°24	22°58	24°21	25°36	10°53	n.a.	S 14
S 15	1 26 7	22°23'48	25° 8	11°50	4°22	16° 9	17°47	28°45	9°51	14°22	23° 0	24°R21	25°33	11° 0	n.a.	S 15
M16	1 30 4	23°25'00	9♒ 6	10°56	5°37	16°55	17°40	28°44	9°49	14°21	23° 1	24°20	25°30	11° 7	n.a.	M16
T 17	1 34 0	24°26'11	23°25	10°11	6°52	17°42	17°34	28°43	9°46	14°19	23° 3	24°17	25°27	11°13	n.a.	T 17
W18	1 37 57	25°27'20	8♓ 3	9°35	8° 8	18°29	17°27	28°43	9°44	14°17	23° 4	24°11	25°24	11°20	n.a.	W18
T 19	1 41 54	26°28'28	22°54	9° 9	9°23	19°16	17°20	28°42	9°41	14°16	23° 5	24° 3	25°21	11°27	n.a.	T 19
F 20	1 45 50	27°29'35	7♈52	8°52	10°38	20° 3	17°13	28°41	9°39	14°14	23° 7	23°54	25°17	11°34	n.a.	F 20
S 21	1 49 47	28°30'40	22°47	8°D44	11°53	20°50	17° 6	28°39	9°36	14°13	23° 8	23°45	25°14	11°40	n.a.	S 21
S 22	1 53 43	29°31'45	7♉31	8°44	13° 8	21°37	16°58	28°38	9°34	14°11	23° 9	23°37	25°11	11°47	n.a.	S 22
M23	1 57 40	0♏32'48	21°55	8°52	14°23	22°24	16°51	28°37	9°31	14° 9	23°11	23°31	25° 8	11°54	n.a.	M23
T 24	2 1 36	1°33'50	5♊54	9° 7	15°38	23°11	16°44	28°35	9°28	14° 8	23°12	23°27	25° 5	12° 0	n.a.	T 24
W25	2 5 33	2°34'50	19°25	9°28	16°53	23°58	16°36	28°34	9°26	14° 6	23°13	23°D25	25° 1	12° 7	n.a.	W25
T 26	2 9 30	3°35'50	2♋30	9°56	18° 8	24°45	16°28	28°32	9°23	14° 4	23°14	23°26	24°58	12°14	n.a.	T 26
F 27	2 13 26	4°36'49	15°11	10°29	19°23	25°32	16°21	28°31	9°21	14° 3	23°15	23°27	24°55	12°21	n.a.	F 27
S 28	2 17 23	5°37'46	27°32	11° 7	20°38	26°19	16°13	28°29	9°18	14° 1	23°16	23°28	24°52	12°27	n.a.	S 28
S 29	2 21 19	6°38'43	9♌38	11°50	21°53	27° 6	16° 5	28°27	9°15	13°59	23°17	23°R28	24°49	12°34	n.a.	S 29
M30	2 25 16	7♏39'38	21♌34	12♎37	23♎ 8	27♎54	15♉58	28♊25	9♉13	13♉58	23♌19	23♊27	24♊46	12♍41	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s18	23n15	2n55	10s29	0s42	6n39	1n25	2s10	0s 2	18n 6	0n 7	25n11	1n 5	15n18	0s 3	15n53	0s51	29n 2	15n39	24n 3	24n 4	12n47		n.a.
M 2	3 43	20 50	3 42	10 13	0 26	6 8	1 24	2 30	0 3	18 4	0 7	25 12	1 5	15 17	0 3	15 53	0 51	29 1	15 39	24 3	24 4	12 45		n.a.
T 3	4 7	17 34	4 19	9 51	0 8	5 36	1 22	2 49	0 4	18 3	0 7	25 12	1 5	15 16	0 3	15 52	0 51	29 1	15 40	24 3	24 4	12 43		n.a.
W 4	4 32	13 36	4 45	9 24	0n10	5 4	1 21	3 9	0 4	18 2	0 7	25 12	1 5	15 16	0 3	15 52	0 51	29 1	15 40	24 3	24 3	12 40		n.a.
T 5	4 57	9 6	4 58	8 52	0 30	4 32	1 19	3 29	0 5	18 1	0 8	25 12	1 6	15 15	0 3	15 51	0 51	29 0	15 41	24 2	24 3	12 38		n.a.
F 6	5 21	4 14	4 59	8 14	0 49	4 0	1 18	3 48	0 6	18 0	0 8	25 12	1 6	15 14	0 3	15 51	0 51	29 0	15 41	24 2	24 3	12 35		n.a.
S 7	5 46	0s49	4 46	7 33	1 10	3 28	1 16	4 8	0 7	17 58	0 8	25 13	1 6	15 14	0 3	15 51	0 51	29 0	15 41	24 1	24 3	12 33		n.a.
S 8	6 10	5 55	4 21	6 49	1 29	2 56	1 15	4 27	0 7	17 57	0 8	25 13	1 6	15 13	0 3	15 50	0 51	28 59	15 42	24 1	24 3	12 31		n.a.
M 9	6 34	10 50	3 42	6 2	1 49	2 24	1 13	4 47	0 8	17 55	0 8	25 13	1 6	15 12	0 3	15 50	0 51	28 59	15 42	24 0	24 3	12 28		n.a.
T 10	6 58	15 24	2 53	5 16	2 7	1 52	1 11	5 6	0 9	17 54	0 8	25 13	1 7	15 11	0 3	15 49	0 51	28 59	15 42	24 0	24 3	12 26		n.a.
W11	7 23	19 21	1 54	4 29	2 23	1 19	1 10	5 26	0 10	17 52	0 9	25 13	1 7	15 11	0 3	15 49	0 51	28 59	15 43	24 0	24 3	12 23		n.a.
T 12	7 46	22 27	0 49	3 45	2 38	0 47	1 8	5 45	0 10	17 51	0 9	25 14	1 7	15 10	0 3	15 48	0 51	28 59	15 43	23 59	24 3	12 21		n.a.
F 13	8 10	24 27	0s20	3 4	2 50	0 14	1 6	6 4	0 11	17 49	0 9	25 14	1 7	15 9	0 3	15 48	0 51	28 58	15 44	23 59	24 3	12 18		n.a.
S 14	8 34	25 6	1 30	2 28	3 0	0s18	1 4	6 24	0 12	17 47	0 9	25 14	1 7	15 8	0 3	15 47	0 51	28 58	15 44	23 59	24 2	12 16		n.a.
S 15	8 57	24 16	2 36	1 56	3 8	0 50	1 2	6 43	0 12	17 46	0 9	25 14	1 8	15 8	0 3	15 47	0 51	28 58	15 44	23 59	24 2	12 14		n.a.
M16	9 21	21 56	3 35	1 29	3 14	1 23	1 0	7 2	0 13	17 44	0 10	25 14	1 8	15 7	0 3	15 47	0 51	28 58	15 45	23 59	24 2	12 11		n.a.
T 17	9 44	18 12	4 22	1 7	3 18	1 55	0 58	7 21	0 14	17 42	0 10	25 15	1 8	15 6	0 3	15 46	0 51	28 58	15 45	23 59	24 2	12 9		n.a.
W18	10 7	13 17	4 53	0 51	3 20	2 27	0 56	7 40	0 15	17 40	0 10	25 15	1 8	15 5	0 3	15 46	0 51	28 58	15 46	23 59	24 2	12 6		n.a.
T 19	10 30	7 32	5 4	0 40	3 20	3 0	0 54	7 59	0 15	17 39	0 10	25 15	1 8	15 4	0 3	15 45	0 51	28 57	15 46	23 59	24 2	12 4		n.a.
F 20	10 52	1 18	4 56	0 35	3 19	3 32	0 52	8 18	0 16	17 37	0 10	25 15	1 9	15 4	0 3	15 45	0 51	28 57	15 47	23 58	24 2	12 1		n.a.
S 21	11 15	5n 0	4 27	0 34	3 16	4 4	0 50	8 37	0 17	17 35	0 10	25 15	1 9	15 3	0 3	15 44	0 51	28 57	15 47	23 58	24 2	11 59		n.a.
S 22	11 37	10 57	3 40	0 37	3 12	4 36	0 47	8 56	0 17	17 33	0 11	25 15	1 9	15 2	0 3	15 44	0 51	28 57	15 47	23 57	24 2	11 56		n.a.
M23	11 59	16 11	2 41	0 45	3 7	5 8	0 45	9 14	0 18	17 31	0 11	25 16	1 9	15 1	0 3	15 43	0 51	28 57	15 48	23 57	24 1	11 54		n.a.
T 24	12 21	20 23	1 33	0 56	3 2	5 40	0 43	9 33	0 19	17 29	0 11	25 16	1 9	15 0	0 3	15 43	0 51	28 57	15 48	23 57	24 1	11 51		n.a.
W25	12 43	23 19	0 22	1 11	2 56	6 11	0 41	9 51	0 20	17 27	0 11	25 16	1 10	14 59	0 3	15 42	0 51	28 57	15 49	23 57	24 1	11 49		n.a.
T 26	13 4	24 54	0n49	1 28	2 49	6 43	0 39	10 10	0 20	17 25	0 11	25 16	1 10	14 59	0 3	15 42	0 51	28 57	15 49	23 57	24 1	11 46		n.a.
F 27	13 25	25 7	1 55	1 48	2 41	7 14	0 36	10 28	0 21	17 23	0 12	25 16	1 10	14 58	0 3	15 41	0 51	28 57	15 50	23 57	24 1	11 44		n.a.
S 28	13 46	24 4	2 53	2 11	2 34	7 45	0 34	10 46	0 22	17 21	0 12	25 17	1 10	14 57	0 3	15 41	0 51	28 57	15 50	23 57	24 1	11 41		n.a.
S 29	14 7	21 55	3 43	2 35	2 26	8 16	0 32	11 5	0 22	17 18	0 12	25 17	1 10	14 56	0 3	15 40	0 51	28 57	15 51	23 57	24 1	11 39		n.a.
M30	14s27	18n50	4n22	3s 1	2n17	8s47	0n29	11s23	0s23	17n16	0n12	25n17	1n11	14n55	0s 3	15n40	0s51	28n57	15n51	23n57	24n 1	11n37		n.a.

Julian Day Number = 195347.5, Delta T = 32h20m17s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'25, Lahiri = -61°21'24 Julian Calendar 1 Nov. 4179 BCE == Greg. Calendar 29 Sept. 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4179 BCE
geocentric

DECEMBER 4179 BCE (-4178) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 12	8♏40'31	3♍26	13♎28	24♎23	28♎41	15°R50	28°R23	9°R10	13°R56	23♌20	23°R24	24♊42	12♍48	n.a.	T 1
W 2	2 33 9	9°41'23	15°17	14°22	25°38	29°28	15♉42	28♊20	9♉ 8	13♉54	23°20	23♊19	24°39	12°54	n.a.	W 2
T 3	2 37 6	10°42'14	27°11	15°19	26°53	0♏15	15°34	28°18	9° 5	13°53	23°21	23°12	24°36	13° 1	n.a.	T 3
F 4	2 41 2	11°43'04	9♎13	16°20	28° 8	1° 2	15°26	28°16	9° 2	13°51	23°22	23° 4	24°33	13° 8	n.a.	F 4
S 5	2 44 59	12°43'52	21°24	17°22	29°23	1°49	15°18	28°13	9° 0	13°49	23°23	22°56	24°30	13°14	n.a.	S 5
S 6	2 48 55	13°44'38	3♏45	18°28	0♏38	2°36	15°10	28°11	8°57	13°48	23°24	22°48	24°27	13°21	n.a.	S 6
M 7	2 52 52	14°45'23	16°18	19°35	1°53	3°23	15° 2	28° 8	8°54	13°46	23°25	22°42	24°23	13°28	n.a.	M 7
T 8	2 56 48	15°46'06	29° 3	20°45	3° 7	4°10	14°54	28° 5	8°52	13°44	23°26	22°38	24°20	13°35	n.a.	T 8
W 9	3 0 45	16°46'48	12♐ 0	21°56	4°22	4°58	14°46	28° 2	8°49	13°43	23°26	22°36	24°17	13°41	n.a.	W 9
T 10	3 4 42	17°47'27	25° 8	23° 9	5°37	5°45	14°38	28° 0	8°47	13°41	23°27	22°D35	24°14	13°48	n.a.	T 10
F 11	3 8 38	18°48'05	8♑29	24°24	6°52	6°32	14°30	27°57	8°44	13°39	23°28	22°36	24°11	13°55	n.a.	F 11
S 12	3 12 35	19°48'41	22° 1	25°40	8° 7	7°19	14°22	27°53	8°42	13°38	23°28	22°38	24° 7	14° 1	n.a.	S 12
S 13	3 16 31	20°49'14	5♒46	26°58	9°21	8° 6	14°14	27°50	8°39	13°36	23°29	22°39	24° 4	14° 8	n.a.	S 13
M14	3 20 28	21°49'45	19°44	28°18	10°36	8°53	14° 6	27°47	8°36	13°34	23°29	22°R40	24° 1	14°15	n.a.	M14
T 15	3 24 24	22°50'14	3♓53	29°38	11°51	9°40	13°59	27°44	8°34	13°33	23°30	22°39	23°58	14°22	n.a.	T 15
W16	3 28 21	23°50'40	18°12	1♏ 0	13° 6	10°27	13°51	27°40	8°31	13°31	23°30	22°37	23°55	14°28	n.a.	W16
T 17	3 32 17	24°51'05	2♈38	2°23	14°20	11°14	13°43	27°37	8°29	13°29	23°31	22°34	23°52	14°35	n.a.	T 17
F 18	3 36 14	25°51'27	17° 8	3°47	15°35	12° 2	13°35	27°33	8°27	13°28	23°31	22°31	23°48	14°42	n.a.	F 18
S 19	3 40 11	26°51'47	1♉34	5°13	16°50	12°49	13°28	27°30	8°24	13°26	23°31	22°27	23°45	14°49	n.a.	S 19
S 20	3 44 7	27°52'04	15°52	6°39	18° 4	13°36	13°20	27°26	8°22	13°24	23°32	22°23	23°42	14°55	n.a.	S 20
M21	3 48 4	28°52'20	29°57	8° 7	19°19	14°23	13°13	27°22	8°19	13°23	23°32	22°21	23°39	15° 2	n.a.	M21
T 22	3 52 0	29°52'34	13♊43	9°36	20°33	15°10	13° 5	27°19	8°17	13°21	23°32	22°19	23°36	15° 9	n.a.	T 22
W23	3 55 57	0♐52'46	27° 8	11° 5	21°48	15°57	12°58	27°15	8°14	13°20	23°33	22°D19	23°33	15°15	n.a.	W23
T 24	3 59 53	1°52'55	10♋12	12°36	23° 3	16°44	12°51	27°11	8°12	13°18	23°33	22°20	23°29	15°22	n.a.	T 24
F 25	4 3 50	2°53'03	22°55	14° 8	24°17	17°31	12°44	27° 7	8°10	13°16	23°33	22°22	23°26	15°29	n.a.	F 25
S 26	4 7 47	3°53'09	5♌19	15°41	25°32	18°18	12°37	27° 3	8° 8	13°15	23°33	22°23	23°23	15°36	n.a.	S 26
S 27	4 11 43	4°53'13	17°29	17°15	26°46	19° 5	12°30	26°59	8° 5	13°13	23°33	22°24	23°20	15°42	n.a.	S 27
M28	4 15 40	5°53'15	29°29	18°50	28° 1	19°52	12°23	26°55	8° 3	13°12	23°33	22°25	23°17	15°49	n.a.	M28
T 29	4 19 36	6°53'15	11♍22	20°26	29°15	20°39	12°16	26°51	8° 1	13°10	23°R33	22°R25	23°13	15°56	n.a.	T 29
W30	4 23 33	7°53'14	23°15	22° 3	0♐30	21°26	12°10	26°46	7°59	13° 9	23°33	22°25	23°10	16° 3	n.a.	W30
T 31	4 27 29	8♐53'10	5♎11	23♏41	1♐44	22♏13	12♉ 3	26♊42	7♉57	13♉ 7	23♌33	22♊23	23♊ 7	16♍ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	14s47	15n 1	4n50	3s29	2n 9	9s18	0n27	11s41	0s24	17n14	0n12	25n17	1n11	14n54	0s 3	15n39	0s51	28n57	15n52	23n57	24n 0	11n34			n.a.
W 2	15 7	10 38	5 5	3 59	2 0	9 48	0 25	11 58	0 24	17 12	0 12	25 17	1 11	14 53	0 3	15 39	0 51	28 58	15 52	23 56	24 0	11 32			n.a.
T 3	15 27	5 50	5 8	4 30	1 51	10 18	0 22	12 16	0 25	17 10	0 13	25 17	1 11	14 53	0 3	15 38	0 51	28 58	15 53	23 56	24 0	11 29			n.a.
F 4	15 46	0 46	4 56	5 1	1 43	10 48	0 20	12 34	0 26	17 8	0 13	25 17	1 11	14 52	0 3	15 38	0 51	28 58	15 53	23 56	24 0	11 27			n.a.
S 5	16 6	4s23	4 32	5 34	1 34	11 18	0 17	12 51	0 27	17 5	0 13	25 18	1 11	14 51	0 3	15 37	0 51	28 58	15 53	23 55	24 0	11 24			n.a.
S 6	16 24	9 28	3 54	6 8	1 25	11 47	0 15	13 9	0 27	17 3	0 13	25 18	1 12	14 50	0 3	15 37	0 51	28 58	15 54	23 55	24 0	11 21			n.a.
M 7	16 43	14 15	3 4	6 42	1 16	12 16	0 13	13 26	0 28	17 1	0 13	25 18	1 12	14 49	0 3	15 36	0 51	28 58	15 54	23 54	24 0	11 19			n.a.
T 8	17 1	18 29	2 5	7 17	1 7	12 45	0 10	13 43	0 29	16 59	0 13	25 18	1 12	14 48	0 3	15 36	0 51	28 58	15 55	23 54	23 59	11 16			n.a.
W 9	17 19	21 55	0 57	7 52	0 59	13 13	0 8	14 0	0 29	16 56	0 14	25 18	1 12	14 48	0 3	15 35	0 51	28 59	15 55	23 54	23 59	11 14			n.a.
T 10	17 37	24 15	0s14	8 28	0 50	13 41	0 5	14 17	0 30	16 54	0 14	25 18	1 12	14 47	0 3	15 35	0 51	28 59	15 56	23 54	23 59	11 11			n.a.
F 11	17 54	25 16	1 26	9 5	0 42	14 9	0 3	14 33	0 31	16 52	0 14	25 18	1 13	14 46	0 3	15 34	0 51	28 59	15 56	23 54	23 59	11 9			n.a.
S 12	18 11	24 47	2 34	9 41	0 33	14 36	0 1	14 50	0 31	16 50	0 14	25 19	1 13	14 45	0 3	15 34	0 51	28 59	15 57	23 54	23 59	11 6			n.a.
S 13	18 28	22 49	3 34	10 18	0 25	15 3	0s 2	15 6	0 32	16 47	0 14	25 19	1 13	14 44	0 3	15 33	0 51	29 0	15 57	23 54	23 59	11 4			n.a.
M14	18 44	19 27	4 23	10 55	0 17	15 29	0 4	15 23	0 33	16 45	0 14	25 19	1 13	14 43	0 3	15 33	0 51	29 0	15 58	23 54	23 59	11 1			n.a.
T 15	19 0	14 56	4 56	11 31	0 9	15 55	0 7	15 39	0 33	16 43	0 15	25 19	1 13	14 43	0 3	15 32	0 51	29 0	15 58	23 54	23 58	10 59			n.a.
W16	19 16	9 33	5 12	12 8	0 1	16 21	0 9	15 55	0 34	16 41	0 15	25 19	1 13	14 42	0 3	15 32	0 51	29 0	15 59	23 54	23 58	10 56			n.a.
T 17	19 31	3 37	5 8	12 45	0s 7	16 46	0 11	16 10	0 35	16 38	0 15	25 19	1 14	14 41	0 3	15 31	0 51	29 1	15 59	23 54	23 58	10 54			n.a.
F 18	19 46	2n33	4 45	13 22	0 15	17 11	0 14	16 26	0 35	16 36	0 15	25 19	1 14	14 40	0 3	15 31	0 51	29 1	16 0	23 54	23 58	10 51			n.a.
S 19	20 0	8 34	4 3	13 58	0 22	17 35	0 16	16 41	0 36	16 34	0 15	25 19	1 14	14 39	0 3	15 30	0 51	29 1	16 0	23 54	23 58	10 48			n.a.
S 20	20 14	14 5	3 7	14 35	0 29	17 59	0 18	16 57	0 37	16 32	0 15	25 19	1 14	14 39	0 3	15 30	0 51	29 2	16 1	23 53	23 58	10 46			n.a.
M21	20 28	18 46	2 0	15 11	0 36	18 23	0 21	17 12	0 37	16 30	0 16	25 19	1 14	14 38	0 3	15 29	0 51	29 2	16 2	23 53	23 57	10 43			n.a.
T 22	20 42	22 19	0 47	15 46	0 43	18 45	0 23	17 27	0 38	16 27	0 16	25 20	1 14	14 37	0 3	15 29	0 51	29 3	16 2	23 53	23 57	10 41			n.a.
W23	20 55	24 31	0n26	16 21	0 49	19 8	0 25	17 41	0 39	16 25	0 16	25 20	1 15	14 36	0 3	15 28	0 51	29 3	16 3	23 53	23 57	10 38			n.a.
T 24	21 7	25 19	1 37	16 56	0 56	19 30	0 27	17 56	0 39	16 23	0 16	25 20	1 15	14 35	0 3	15 28	0 51	29 3	16 3	23 53	23 57	10 36			n.a.
F 25	21 19	24 45	2 41	17 31	1 2	19 51	0 29	18 10	0 40	16 21	0 16	25 20	1 15	14 35	0 3	15 27	0 51	29 4	16 4	23 53	23 57	10 33			n.a.
S 26	21 31	22 57	3 35	18 4	1 8	20 12	0 32	18 25	0 41	16 19	0 16	25 20	1 15	14 34	0 3	15 27	0 51	29 4	16 4	23 53	23 57	10 30			n.a.
S 27	21 43	20 7	4 19	18 38	1 13	20 32	0 34	18 39	0 41	16 17	0 16	25 20	1 15	14 33	0 3	15 27	0 51	29 5	16 5	23 53	23 57	10 28			n.a.
M28	21 54	16 30	4 51	19 10	1 18	20 51	0 36	18 52	0 42	16 15	0 17	25 20	1 15	14 33	0 3	15 26	0 51	29 5	16 5	23 53	23 56	10 25			n.a.
T 29	22 4	12 15	5 10	19 42	1 23	21 10	0 38	19 6	0 42	16 13	0 17	25 20	1 15	14 32	0 3	15 26	0 51	29 6	16 6	23 53	23 56	10 23			n.a.
W30	22 14	7 34	5 16	20 13	1 28	21 29	0 40	19 19	0 43	16 11	0 17	25 20	1 16	14 31	0 3	15 25	0 51	29 6	16 6	23 53	23 56	10 20			n.a.
T 31	22s24	2n34	5n 8	20s43	1s33	21s47	0s42	19s32	0s44	16n 9	0n17	25n20	1n16	14n30	0s 3	15n25	0s51	29n 6	16n 7	23n53	23n56	10n17			n.a.

Julian Day Number = 195377.5, Delta T = 32h20m14s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'21, Lahiri = -61°21'20 Julian Calendar 1 Dec. 4179 BCE == Greg. Calendar 29 Oct. 4179 BCE

The year -4178 astronomical counting style corresponds to year 4179 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

JANUARY 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 31 26	9♐53'04	17♎15	25♏21	2♐59	23♏ 0	11°R57	26°R38	7°R54	13°R 6	23°R33	22°R22	23♊ 4	16♍16	n.a.	F 1
S 2	4 35 22	10°52'56	29°30	27° 1	4°13	23°47	11♉51	26♊33	7♉52	13♉ 4	23♌33	22♊20	23° 1	16°23	n.a.	S 2
S 3	4 39 19	11°52'46	12♏ 0	28°42	5°28	24°34	11°45	26°29	7°50	13° 3	23°33	22°18	22°58	16°29	n.a.	S 3
M 4	4 43 15	12°52'35	24°46	0♐25	6°42	25°21	11°39	26°25	7°48	13° 1	23°32	22°17	22°54	16°36	n.a.	M 4
T 5	4 47 12	13°52'21	7♐48	2° 9	7°56	26° 7	11°33	26°20	7°46	13° 0	23°32	22°16	22°51	16°43	n.a.	T 5
W 6	4 51 9	14°52'05	21° 7	3°54	9°11	26°54	11°27	26°16	7°44	12°59	23°32	22°D16	22°48	16°50	n.a.	W 6
T 7	4 55 5	15°51'46	4♑41	5°40	10°25	27°41	11°22	26°11	7°42	12°57	23°32	22°16	22°45	16°56	n.a.	T 7
F 8	4 59 2	16°51'26	18°28	7°27	11°40	28°28	11°16	26° 7	7°41	12°56	23°31	22°17	22°42	17° 3	n.a.	F 8
S 9	5 2 58	17°51'02	2♒26	9°15	12°54	29°15	11°11	26° 2	7°39	12°55	23°31	22°17	22°39	17°10	n.a.	S 9
S 10	5 6 55	18°50'37	16°32	11° 5	14° 8	0♐ 2	11° 6	25°58	7°37	12°53	23°30	22°18	22°35	17°17	n.a.	S 10
M11	5 10 51	19°50'08	0♓42	12°55	15°23	0°48	11° 1	25°53	7°35	12°52	23°30	22°18	22°32	17°23	n.a.	M11
T 12	5 14 48	20°49'37	14°55	14°47	16°37	1°35	10°56	25°49	7°34	12°51	23°29	22°18	22°29	17°30	n.a.	T 12
W13	5 18 44	21°49'04	29° 8	16°40	17°51	2°22	10°52	25°44	7°32	12°49	23°29	22°18	22°26	17°37	n.a.	W13
T 14	5 22 41	22°48'28	13♈18	18°34	19° 6	3° 8	10°47	25°39	7°30	12°48	23°28	22°18	22°23	17°43	n.a.	T 14
F 15	5 26 37	23°47'49	27°23	20°30	20°20	3°55	10°43	25°35	7°29	12°47	23°28	22°18	22°19	17°50	n.a.	F 15
S 16	5 30 34	24°47'07	11♉21	22°26	21°34	4°42	10°39	25°30	7°27	12°46	23°27	22°18	22°16	17°57	n.a.	S 16
S 17	5 34 31	25°46'24	25°10	24°24	22°48	5°28	10°35	25°25	7°26	12°45	23°27	22°19	22°13	18° 4	n.a.	S 17
M18	5 38 27	26°45'37	8♊46	26°23	24° 3	6°15	10°32	25°21	7°24	12°44	23°26	22°19	22°10	18°10	n.a.	M18
T 19	5 42 24	27°44'49	22° 9	28°22	25°17	7° 1	10°28	25°16	7°23	12°43	23°25	22°R19	22° 7	18°17	n.a.	T 19
W20	5 46 20	28°43'58	5♋17	0♑22	26°31	7°48	10°25	25°12	7°21	12°41	23°24	22°19	22° 4	18°24	n.a.	W20
T 21	5 50 17	29°43'05	18° 9	2°23	27°45	8°34	10°22	25° 7	7°20	12°40	23°24	22°18	22° 0	18°31	n.a.	T 21
F 22	5 54 13	0♑42'10	0♌46	4°25	28°59	9°21	10°19	25° 2	7°19	12°39	23°23	22°17	21°57	18°37	n.a.	F 22
S 23	5 58 10	1°41'12	13° 8	6°27	0♑13	10° 7	10°16	24°58	7°18	12°38	23°22	22°16	21°54	18°44	n.a.	S 23
S 24	6 2 6	2°40'12	25°18	8°29	1°28	10°53	10°13	24°53	7°17	12°37	23°21	22°15	21°51	18°51	n.a.	S 24
M25	6 6 3	3°39'11	7♍18	10°32	2°42	11°40	10°11	24°49	7°15	12°36	23°20	22°13	21°48	18°57	n.a.	M25
T 26	6 9 59	4°38'07	19°13	12°33	3°56	12°26	10° 9	24°44	7°14	12°36	23°19	22°12	21°45	19° 4	n.a.	T 26
W27	6 13 56	5°37'01	1♎ 6	14°35	5°10	13°12	10° 7	24°40	7°13	12°35	23°18	22°D12	21°41	19°11	n.a.	W27
T 28	6 17 52	6°35'53	13° 2	16°35	6°24	13°59	10° 5	24°35	7°12	12°34	23°17	22°12	21°38	19°18	n.a.	T 28
F 29	6 21 49	7°34'43	25° 6	18°34	7°38	14°45	10° 3	24°31	7°11	12°33	23°16	22°12	21°35	19°24	n.a.	F 29
S 30	6 25 45	8°33'31	7♏22	20°32	8°52	15°31	10° 1	24°26	7°11	12°32	23°15	22°14	21°32	19°31	n.a.	S 30
S 31	6 29 42	9♑32'17	19♏54	22♑27	10♑ 6	16♐17	10♉ 0	24♊22	7♉10	12♉31	23♌14	22♊15	21♊29	19♍38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s33	2s34	4n47	21s12	1s37	22s 4	0s44	19s45	0s44	16n 7	0n17	25n20	1n16	14n30	0s 3	15n24	0s51	29n 7	16n 7	23n53	23n56	10n15		n.a.
S 2	22 42	7 42	4 12	21 40	1 40	22 20	0 46	19 58	0 45	16 5	0 17	25 20	1 16	14 29	0 3	15 24	0 51	29 7	16 7	23 53	23 56	10 12		n.a.
S 3	22 51	12 38	3 25	22 7	1 44	22 36	0 48	20 11	0 46	16 4	0 17	25 20	1 16	14 28	0 3	15 23	0 51	29 8	16 8	23 53	23 55	10 10		n.a.
M 4	22 59	17 8	2 26	22 33	1 47	22 51	0 50	20 23	0 46	16 2	0 18	25 20	1 16	14 28	0 3	15 23	0 51	29 9	16 8	23 53	23 55	10 7		n.a.
T 5	23 6	20 56	1 19	22 57	1 49	23 6	0 52	20 35	0 47	16 0	0 18	25 20	1 16	14 27	0 3	15 23	0 51	29 9	16 9	23 53	23 55	10 4		n.a.
W 6	23 14	23 42	0 6	23 21	1 51	23 20	0 53	20 47	0 47	15 58	0 18	25 20	1 16	14 26	0 3	15 22	0 51	29 10	16 9	23 53	23 55	10 2		n.a.
T 7	23 20	25 10	1s 8	23 43	1 53	23 33	0 55	20 59	0 48	15 57	0 18	25 20	1 17	14 26	0 3	15 22	0 51	29 10	16 10	23 53	23 55	9 59		n.a.
F 8	23 27	25 7	2 20	24 3	1 55	23 45	0 57	21 10	0 49	15 55	0 18	25 20	1 17	14 25	0 3	15 21	0 51	29 11	16 10	23 53	23 54	9 57		n.a.
S 9	23 32	23 29	3 25	24 22	1 55	23 57	0 58	21 21	0 49	15 54	0 18	25 20	1 17	14 25	0 3	15 21	0 51	29 11	16 11	23 53	23 54	9 54		n.a.
S 10	23 38	20 24	4 17	24 39	1 56	24 8	1 0	21 32	0 50	15 52	0 18	25 20	1 17	14 24	0 3	15 21	0 50	29 12	16 11	23 53	23 54	9 51		n.a.
M11	23 43	16 6	4 55	24 54	1 56	24 19	1 2	21 43	0 50	15 51	0 18	25 20	1 17	14 23	0 3	15 20	0 50	29 12	16 12	23 53	23 54	9 49		n.a.
T 12	23 47	10 54	5 14	25 8	1 55	24 28	1 3	21 53	0 51	15 49	0 19	25 20	1 17	14 23	0 3	15 20	0 50	29 13	16 12	23 53	23 54	9 46		n.a.
W13	23 51	5 9	5 15	25 19	1 54	24 37	1 5	22 4	0 51	15 48	0 19	25 20	1 17	14 22	0 3	15 20	0 50	29 14	16 13	23 53	23 54	9 43		n.a.
T 14	23 55	0n52	4 56	25 29	1 53	24 45	1 6	22 14	0 52	15 47	0 19	25 20	1 17	14 22	0 3	15 19	0 50	29 14	16 13	23 53	23 53	9 41		n.a.
F 15	23 58	6 48	4 20	25 36	1 51	24 52	1 7	22 23	0 53	15 45	0 19	25 20	1 17	14 21	0 3	15 19	0 50	29 15	16 14	23 53	23 53	9 38		n.a.
S 16	24 0	12 22	3 28	25 41	1 48	24 59	1 9	22 33	0 53	15 44	0 19	25 20	1 17	14 21	0 3	15 19	0 50	29 16	16 14	23 53	23 53	9 35		n.a.
S 17	24 3	17 15	2 25	25 44	1 45	25 5	1 10	22 42	0 54	15 43	0 19	25 20	1 18	14 20	0 3	15 18	0 50	29 16	16 14	23 53	23 53	9 33		n.a.
M18	24 4	21 10	1 14	25 44	1 41	25 10	1 11	22 51	0 54	15 42	0 19	25 19	1 18	14 20	0 3	15 18	0 50	29 17	16 15	23 53	23 53	9 30		n.a.
T 19	24 6	23 52	0 1	25 42	1 36	25 14	1 12	23 0	0 55	15 41	0 19	25 19	1 18	14 19	0 3	15 18	0 50	29 17	16 15	23 53	23 52	9 27		n.a.
W20	24 6	25 12	1n11	25 38	1 31	25 18	1 14	23 8	0 55	15 40	0 19	25 19	1 18	14 19	0 2	15 17	0 50	29 18	16 16	23 53	23 52	9 25		n.a.
T 21	24 7	25 8	2 18	25 31	1 25	25 20	1 15	23 16	0 56	15 39	0 20	25 19	1 18	14 18	0 2	15 17	0 50	29 19	16 16	23 53	23 52	9 22		n.a.
F 22	24 7	23 45	3 17	25 21	1 19	25 22	1 16	23 24	0 56	15 38	0 20	25 19	1 18	14 18	0 2	15 17	0 50	29 19	16 17	23 53	23 52	9 19		n.a.
S 23	24 6	21 15	4 6	25 9	1 12	25 24	1 17	23 32	0 57	15 37	0 20	25 19	1 18	14 18	0 2	15 16	0 50	29 20	16 17	23 53	23 52	9 17		n.a.
S 24	24 5	17 51	4 42	24 54	1 4	25 24	1 17	23 39	0 57	15 37	0 20	25 19	1 18	14 17	0 2	15 16	0 50	29 21	16 17	23 53	23 51	9 14		n.a.
M25	24 4	13 46	5 5	24 36	0 55	25 24	1 18	23 46	0 58	15 36	0 20	25 19	1 18	14 17	0 2	15 16	0 50	29 21	16 18	23 53	23 51	9 11		n.a.
T 26	24 2	9 12	5 16	24 16	0 46	25 22	1 19	23 53	0 58	15 35	0 20	25 19	1 18	14 17	0 2	15 16	0 50	29 22	16 18	23 53	23 51	9 9		n.a.
W27	23 59	4 18	5 12	23 54	0 37	25 20	1 20	24 0	0 59	15 35	0 20	25 19	1 18	14 16	0 2	15 15	0 50	29 23	16 19	23 53	23 51	9 6		n.a.
T 28	23 57	0s46	4 55	23 30	0 27	25 18	1 20	24 6	0 59	15 34	0 20	25 18	1 18	14 16	0 2	15 15	0 50	29 24	16 19	23 53	23 51	9 3		n.a.
F 29	23 53	5 53	4 26	23 3	0 16	25 14	1 21	24 12	1 0	15 34	0 20	25 18	1 18	14 16	0 2	15 15	0 50	29 24	16 19	23 53	23 50	9 1		n.a.
S 30	23 50	10 51	3 43	22 35	0 5	25 10	1 22	24 18	1 0	15 33	0 20	25 18	1 19	14 15	0 2	15 15	0 50	29 25	16 20	23 53	23 50	8 58		n.a.
S 31	23s45	15s30	2n49	22s 4	0n 7	25s 5	1s22	24s24	1s 1	15n33	0n21	25n18	1n19	14n15	0s 2	15n15	0s50	29n26	16n20	23n53	23n50	8n55		n.a.

Julian Day Number = 195408.5, Delta T = 32h20m10s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'16, Lahiri = -61°21'16 Julian Calendar 1 Jan. 4178 BCE == Greg. Calendar 29 Nov. 4179 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

FEBRUARY 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 33 39	10♉31'01	2♐46	24♉20	11♉20	17♐ 3	9°R59	24°R18	7°R 9	12°R31	23°R13	22♊16	21♊25	19♍44	n.a.	M 1
T 2	6 37 35	11°29'44	15°59	26°10	12°35	17°49	9♉58	24♊13	7♉ 8	12♉30	23♌12	22°R17	21°22	19°51	n.a.	T 2
W 3	6 41 32	12°28'24	29°35	27°58	13°49	18°36	9°57	24° 9	7° 8	12°29	23°11	22°17	21°19	19°58	n.a.	W 3
T 4	6 45 28	13°27'02	13♉32	29°41	15° 3	19°22	9°57	24° 5	7° 7	12°29	23°10	22°16	21°16	20° 5	n.a.	T 4
F 5	6 49 25	14°25'38	27°46	1♒21	16°17	20° 8	9°57	24° 1	7° 6	12°28	23° 9	22°14	21°13	20°11	n.a.	F 5
S 6	6 53 21	15°24'12	12♒12	2°57	17°31	20°53	9°D56	23°57	7° 6	12°27	23° 7	22°11	21°10	20°18	n.a.	S 6
S 7	6 57 18	16°22'43	26°46	4°28	18°45	21°39	9°56	23°52	7° 5	12°27	23° 6	22° 8	21° 6	20°25	n.a.	S 7
M 8	7 1 14	17°21'12	11♓19	5°55	19°59	22°25	9°57	23°48	7° 5	12°26	23° 5	22° 4	21° 3	20°32	n.a.	M 8
T 9	7 5 11	18°19'38	25°48	7°16	21°13	23°11	9°57	23°44	7° 5	12°26	23° 4	22° 2	21° 0	20°38	n.a.	T 9
W10	7 9 7	19°18'02	10♈ 7	8°33	22°27	23°57	9°58	23°40	7° 4	12°25	23° 2	22° 1	20°57	20°45	n.a.	W10
T 11	7 13 4	20°16'24	24°13	9°44	23°41	24°42	9°58	23°37	7° 4	12°25	23° 1	22°D 0	20°54	20°52	n.a.	T 11
F 12	7 17 0	21°14'43	8♉ 6	10°50	24°55	25°28	9°59	23°33	7° 4	12°25	23° 0	22° 1	20°51	20°58	n.a.	F 12
S 13	7 20 57	22°13'00	21°45	11°51	26° 9	26°14	10° 1	23°29	7° 4	12°24	22°58	22° 3	20°47	21° 5	n.a.	S 13
S 14	7 24 53	23°11'14	5♊ 9	12°45	27°22	26°59	10° 2	23°25	7° 4	12°24	22°57	22° 4	20°44	21°12	n.a.	S 14
M15	7 28 50	24° 9'27	18°21	13°34	28°36	27°45	10° 3	23°22	7°D 4	12°24	22°56	22°R 5	20°41	21°19	n.a.	M15
T 16	7 32 47	25° 7'37	1♋20	14°18	29°50	28°30	10° 5	23°18	7° 4	12°23	22°54	22° 5	20°38	21°25	n.a.	T 16
W17	7 36 43	26° 5'45	14° 7	14°55	1♒ 4	29°16	10° 7	23°14	7° 4	12°23	22°53	22° 3	20°35	21°32	n.a.	W17
T 18	7 40 40	27° 3'51	26°42	15°26	2°18	0♉ 1	10° 9	23°11	7° 4	12°23	22°51	21°59	20°31	21°39	n.a.	T 18
F 19	7 44 36	28° 1'55	9♌ 6	15°52	3°32	0°47	10°11	23° 8	7° 4	12°23	22°50	21°54	20°28	21°46	n.a.	F 19
S 20	7 48 33	28°59'57	21°21	16°11	4°46	1°32	10°14	23° 4	7° 4	12°23	22°48	21°48	20°25	21°52	n.a.	S 20
S 21	7 52 29	29°57'58	3♍26	16°25	5°59	2°17	10°16	23° 1	7° 5	12°22	22°47	21°41	20°22	21°59	n.a.	S 21
M22	7 56 26	0♒55'56	15°24	16°33	7°13	3° 2	10°19	22°58	7° 5	12°22	22°45	21°34	20°19	22° 6	n.a.	M22
T 23	8 0 22	1°53'53	27°18	16°R35	8°27	3°48	10°22	22°55	7° 5	12°22	22°44	21°28	20°16	22°12	n.a.	T 23
W24	8 4 19	2°51'48	9♎10	16°32	9°41	4°33	10°25	22°52	7° 6	12°D22	22°42	21°24	20°12	22°19	n.a.	W24
T 25	8 8 15	3°49'42	21° 5	16°23	10°55	5°18	10°28	22°49	7° 6	12°22	22°41	21°21	20° 9	22°26	n.a.	T 25
F 26	8 12 12	4°47'34	3♏ 7	16° 9	12° 8	6° 3	10°32	22°46	7° 7	12°22	22°39	21°D20	20° 6	22°33	n.a.	F 26
S 27	8 16 8	5°45'24	15°21	15°51	13°22	6°48	10°36	22°43	7° 7	12°22	22°38	21°20	20° 3	22°39	n.a.	S 27
S 28	8 20 5	6♒43'13	27♏51	15♒28	14♒36	7♉33	10♉39	22♊41	7♉ 8	12♉23	22♌36	21♊22	20♊ 0	22♍46	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s41	19s35	1n46	21s33	0n19	24s59	1s23	24s29	1s 1	15n33	0n21	25n18	1n19	14n15	0s 2	15n14	0s50	29n26	16n20	23n53	23n50	8n53		n.a.
T 2	23 36	22 47	0 35	21 0	0 31	24 53	1 23	24 34	1 2	15 33	0 21	25 18	1 19	14 15	0 2	15 14	0 50	29 27	16 21	23 53	23 50	8 50		n.a.
W 3	23 30	24 47	0s40	20 27	0 43	24 45	1 23	24 38	1 2	15 32	0 21	25 18	1 19	14 14	0 2	15 14	0 50	29 28	16 21	23 53	23 49	8 47		n.a.
T 4	23 25	25 18	1 54	19 53	0 56	24 37	1 23	24 43	1 3	15 32	0 21	25 17	1 19	14 14	0 2	15 14	0 50	29 29	16 21	23 53	23 49	8 44		n.a.
F 5	23 18	24 11	3 3	19 19	1 8	24 28	1 24	24 47	1 3	15 32	0 21	25 17	1 19	14 14	0 2	15 14	0 50	29 29	16 22	23 53	23 49	8 42		n.a.
S 6	23 12	21 27	4 1	18 45	1 21	24 19	1 24	24 51	1 3	15 32	0 21	25 17	1 19	14 14	0 2	15 14	0 50	29 30	16 22	23 53	23 49	8 39		n.a.
S 7	23 5	17 22	4 43	18 11	1 33	24 9	1 24	24 54	1 4	15 32	0 21	25 17	1 19	14 14	0 2	15 13	0 49	29 31	16 22	23 52	23 48	8 36		n.a.
M 8	22 57	12 14	5 8	17 38	1 45	23 58	1 24	24 58	1 4	15 33	0 21	25 17	1 19	14 14	0 2	15 13	0 49	29 31	16 23	23 52	23 48	8 34		n.a.
T 9	22 49	6 28	5 13	17 5	1 57	23 46	1 24	25 1	1 5	15 33	0 21	25 17	1 19	14 14	0 2	15 13	0 49	29 32	16 23	23 52	23 48	8 31		n.a.
W10	22 41	0 26	4 58	16 34	2 9	23 33	1 23	25 3	1 5	15 33	0 21	25 16	1 19	14 13	0 2	15 13	0 49	29 33	16 23	23 52	23 48	8 28		n.a.
T 11	22 32	5n33	4 25	16 4	2 20	23 20	1 23	25 6	1 6	15 33	0 22	25 16	1 19	14 13	0 2	15 13	0 49	29 34	16 23	23 52	23 48	8 25		n.a.
F 12	22 23	11 11	3 38	15 36	2 30	23 7	1 23	25 8	1 6	15 34	0 22	25 16	1 19	14 13	0 2	15 13	0 49	29 34	16 24	23 52	23 47	8 23		n.a.
S 13	22 13	16 10	2 38	15 9	2 40	22 52	1 23	25 10	1 6	15 34	0 22	25 16	1 19	14 13	0 2	15 13	0 49	29 35	16 24	23 52	23 47	8 20		n.a.
S 14	22 3	20 16	1 31	14 45	2 50	22 37	1 22	25 12	1 7	15 35	0 22	25 16	1 19	14 13	0 2	15 13	0 49	29 36	16 24	23 52	23 47	8 17		n.a.
M15	21 53	23 15	0 20	14 23	2 58	22 21	1 22	25 13	1 7	15 35	0 22	25 16	1 19	14 13	0 2	15 13	0 49	29 37	16 24	23 52	23 47	8 14		n.a.
T 16	21 42	24 57	0n50	14 3	3 6	22 5	1 21	25 14	1 8	15 36	0 22	25 15	1 19	14 13	0 2	15 13	0 49	29 37	16 25	23 52	23 46	8 12		n.a.
W17	21 31	25 17	1 57	13 45	3 13	21 48	1 21	25 15	1 8	15 37	0 22	25 15	1 19	14 13	0 2	15 13	0 49	29 38	16 25	23 52	23 46	8 9		n.a.
T 18	21 20	24 18	2 57	13 30	3 19	21 30	1 20	25 15	1 8	15 37	0 22	25 15	1 19	14 13	0 2	15 13	0 49	29 39	16 25	23 52	23 46	8 6		n.a.
F 19	21 8	22 8	3 48	13 18	3 24	21 12	1 19	25 15	1 9	15 38	0 22	25 15	1 19	14 13	0 2	15 13	0 49	29 39	16 25	23 52	23 46	8 3		n.a.
S 20	20 56	18 59	4 27	13 8	3 28	20 53	1 19	25 15	1 9	15 39	0 22	25 15	1 19	14 14	0 2	15 13	0 49	29 40	16 25	23 51	23 45	8 1		n.a.
S 21	20 44	15 4	4 54	13 2	3 30	20 33	1 18	25 15	1 9	15 40	0 22	25 15	1 19	14 14	0 2	15 13	0 49	29 41	16 26	23 51	23 45	7 58		n.a.
M22	20 31	10 36	5 8	12 58	3 32	20 13	1 17	25 14	1 10	15 41	0 22	25 14	1 19	14 14	0 2	15 13	0 49	29 42	16 26	23 50	23 45	7 55		n.a.
T 23	20 18	5 47	5 8	12 57	3 32	19 53	1 16	25 14	1 10	15 42	0 22	25 14	1 19	14 14	0 2	15 13	0 49	29 42	16 26	23 50	23 45	7 52		n.a.
W24	20 4	0 46	4 55	12 59	3 31	19 32	1 15	25 12	1 10	15 43	0 23	25 14	1 19	14 14	0 2	15 13	0 49	29 43	16 26	23 50	23 45	7 50		n.a.
T 25	19 50	4s19	4 29	13 4	3 28	19 10	1 14	25 11	1 11	15 44	0 23	25 14	1 19	14 14	0 2	15 13	0 49	29 44	16 26	23 49	23 44	7 47		n.a.
F 26	19 36	9 17	3 51	13 12	3 25	18 48	1 13	25 9	1 11	15 45	0 23	25 14	1 19	14 14	0 2	15 13	0 49	29 44	16 26	23 49	23 44	7 44		n.a.
S 27	19 22	14 0	3 2	13 22	3 19	18 25	1 12	25 7	1 11	15 47	0 23	25 13	1 19	14 15	0 2	15 13	0 49	29 45	16 27	23 49	23 44	7 41		n.a.
S 28	19s 7	18s14	2n 4	13s35	3n13	18s 2	1s10	25s 5	1s12	15n48	0n23	25n13	1n19	14n15	0s 2	15n13	0s49	29n46	16n27	23n49	23n44	7n39		n.a.

Julian Day Number = 195439.5, Delta T = 32h20m07s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'12, Lahiri = -61°21'12 Julian Calendar 1 Feb. 4178 BCE == Greg. Calendar 30 Dec. 4179 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

MARCH 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 24 1	7♒41'01	10♐43	15°R 2	15♒50	8♑18	10♉43	22°R38	7♉ 9	12♉23	22°R34	21♊23	19♊56	22♍53	n.a.	M 1
T 2	8 27 58	8°38'47	23°59	14♒32	17° 3	9° 3	10°47	22♊35	7° 9	12°23	22♋33	21°R23	19°53	23° 0	n.a.	T 2
W 3	8 31 55	9°36'32	7♑41	13°59	18°17	9°47	10°52	22°33	7°10	12°23	22°31	21°22	19°50	23° 6	n.a.	W 3
T 4	8 35 51	10°34'15	21°50	13°24	19°31	10°32	10°56	22°31	7°11	12°23	22°30	21°19	19°47	23°13	n.a.	T 4
F 5	8 39 48	11°31'57	6♒23	12°48	20°45	11°17	11° 1	22°28	7°12	12°24	22°28	21°14	19°44	23°20	n.a.	F 5
S 6	8 43 44	12°29'37	21°12	12°11	21°58	12° 1	11° 6	22°26	7°13	12°24	22°26	21° 7	19°41	23°26	n.a.	S 6
S 7	8 47 41	13°27'15	6♓11	11°33	23°12	12°46	11°11	22°24	7°14	12°24	22°25	20°59	19°37	23°33	n.a.	S 7
M 8	8 51 37	14°24'52	21°10	10°56	24°26	13°31	11°16	22°22	7°15	12°25	22°23	20°51	19°34	23°40	n.a.	M 8
T 9	8 55 34	15°22'27	5♈59	10°20	25°39	14°15	11°21	22°20	7°16	12°25	22°21	20°44	19°31	23°47	n.a.	T 9
W10	8 59 30	16°20'00	20°33	9°46	26°53	14°59	11°26	22°18	7°17	12°26	22°20	20°40	19°28	23°53	n.a.	W10
T 11	9 3 27	17°17'32	4♉46	9°14	28° 7	15°44	11°32	22°17	7°19	12°26	22°18	20°37	19°25	24° 0	n.a.	T 11
F 12	9 7 23	18°15'01	18°38	8°44	29°20	16°28	11°38	22°15	7°20	12°27	22°16	20°D36	19°22	24° 7	n.a.	F 12
S 13	9 11 20	19°12'29	2♊ 9	8°18	0♓34	17°12	11°44	22°13	7°21	12°27	22°15	20°37	19°18	24°14	n.a.	S 13
S 14	9 15 17	20° 9'56	15°20	7°55	1°47	17°57	11°50	22°12	7°23	12°28	22°13	20°R38	19°15	24°20	n.a.	S 14
M15	9 19 13	21° 7'21	28°15	7°36	3° 1	18°41	11°56	22°11	7°24	12°28	22°11	20°37	19°12	24°27	n.a.	M15
T 16	9 23 10	22° 4'44	10♋56	7°21	4°14	19°25	12° 2	22° 9	7°26	12°29	22°10	20°36	19° 9	24°34	n.a.	T 16
W17	9 27 6	23° 2'06	23°25	7°10	5°28	20° 9	12° 9	22° 8	7°27	12°30	22° 8	20°31	19° 6	24°40	n.a.	W17
T 18	9 31 3	23°59'26	5♌45	7° 4	6°41	20°53	12°15	22° 7	7°29	12°30	22° 6	20°24	19° 2	24°47	n.a.	T 18
F 19	9 34 59	24°56'45	17°57	7°D 2	7°55	21°37	12°22	22° 6	7°30	12°31	22° 5	20°15	18°59	24°54	n.a.	F 19
S 20	9 38 56	25°54'03	0♍ 2	7° 5	9° 8	22°20	12°29	22° 5	7°32	12°32	22° 3	20° 4	18°56	25° 1	n.a.	S 20
S 21	9 42 52	26°51'20	12° 1	7°13	10°22	23° 4	12°36	22° 5	7°34	12°33	22° 1	19°52	18°53	25° 7	n.a.	S 21
M22	9 46 49	27°48'35	23°56	7°25	11°35	23°48	12°43	22° 4	7°35	12°33	22° 0	19°40	18°50	25°14	n.a.	M22
T 23	9 50 45	28°45'49	5♎48	7°41	12°49	24°32	12°50	22° 3	7°37	12°34	21°58	19°29	18°47	25°21	n.a.	T 23
W24	9 54 42	29°43'03	17°40	8° 2	14° 2	25°15	12°57	22° 3	7°39	12°35	21°56	19°20	18°43	25°28	n.a.	W24
T 25	9 58 39	0♓40'16	29°34	8°27	15°16	25°59	13° 5	22° 3	7°41	12°36	21°55	19°13	18°40	25°34	n.a.	T 25
F 26	10 2 35	1°37'28	11♏35	8°57	16°29	26°42	13°13	22° 2	7°43	12°37	21°53	19° 9	18°37	25°41	n.a.	F 26
S 27	10 6 32	2°34'39	23°47	9°31	17°42	27°26	13°20	22° 2	7°45	12°38	21°51	19° 8	18°34	25°48	n.a.	S 27
S 28	10 10 28	3°31'49	6♐14	10° 8	18°56	28° 9	13°28	22°D 2	7°47	12°39	21°50	19°D 7	18°31	25°54	n.a.	S 28
M29	10 14 25	4°28'59	19° 2	10°50	20° 9	28°53	13°36	22° 2	7°49	12°40	21°48	19°R 8	18°28	26° 1	n.a.	M29
T 30	10 18 21	5°26'09	2♑15	11°35	21°23	29°36	13°44	22° 2	7°51	12°41	21°46	19° 7	18°24	26° 8	n.a.	T 30
W31	10 22 18	6♓23'18	15♑55	12♒25	22♓36	0♒19	13♉53	22♊ 2	7♉53	12♉42	21♋45	19♊ 5	18♊21	26♍15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	18s52	21s44	0n57	13s51	3n 5	17s38	1s 9	25s 3	1s12	15n49	0n23	25n13	1n19	14n15	0s 2	15n13	0s49	29n46	16n27	23n50	23n43	7n36			n.a.
T 2	18 36	24 12	0s14	14 8	2 56	17 14	1 8	25 0	1 12	15 51	0 23	25 13	1 19	14 15	0 2	15 13	0 49	29 47	16 27	23 50	23 43	7 33			n.a.
W 3	18 21	25 20	1 27	14 28	2 45	16 50	1 6	24 57	1 12	15 52	0 23	25 13	1 19	14 16	0 2	15 13	0 49	29 48	16 27	23 50	23 43	7 30			n.a.
T 4	18 5	24 51	2 36	14 49	2 33	16 25	1 5	24 54	1 13	15 54	0 23	25 13	1 19	14 16	0 2	15 13	0 48	29 48	16 27	23 49	23 43	7 27			n.a.
F 5	17 48	22 43	3 38	15 12	2 21	15 59	1 4	24 50	1 13	15 55	0 23	25 13	1 19	14 16	0 2	15 13	0 48	29 49	16 27	23 49	23 42	7 25			n.a.
S 6	17 32	19 0	4 26	15 36	2 7	15 33	1 2	24 46	1 13	15 57	0 23	25 12	1 19	14 17	0 2	15 14	0 48	29 50	16 27	23 48	23 42	7 22			n.a.
S 7	17 15	14 3	4 56	16 0	1 53	15 7	1 0	24 42	1 14	15 58	0 23	25 12	1 19	14 17	0 2	15 14	0 48	29 50	16 27	23 48	23 42	7 19			n.a.
M 8	16 58	8 15	5 6	16 25	1 37	14 40	0 59	24 38	1 14	16 0	0 23	25 12	1 19	14 17	0 2	15 14	0 48	29 51	16 27	23 47	23 42	7 16			n.a.
T 9	16 41	2 3	4 55	16 50	1 22	14 13	0 57	24 33	1 14	16 2	0 23	25 12	1 19	14 18	0 2	15 14	0 48	29 52	16 27	23 47	23 41	7 13			n.a.
W10	16 23	4n10	4 25	17 15	1 6	13 46	0 55	24 29	1 14	16 4	0 23	25 12	1 19	14 18	0 2	15 14	0 48	29 52	16 27	23 47	23 41	7 11			n.a.
T 11	16 5	10 2	3 40	17 40	0 49	13 18	0 54	24 23	1 15	16 5	0 24	25 12	1 19	14 19	0 2	15 14	0 48	29 53	16 27	23 46	23 41	7 8			n.a.
F 12	15 47	15 16	2 42	18 3	0 33	12 50	0 52	24 18	1 15	16 7	0 24	25 12	1 19	14 19	0 2	15 15	0 48	29 53	16 27	23 46	23 41	7 5			n.a.
S 13	15 29	19 35	1 37	18 26	0 17	12 21	0 50	24 13	1 15	16 9	0 24	25 11	1 19	14 20	0 2	15 15	0 48	29 54	16 27	23 46	23 40	7 2			n.a.
S 14	15 10	22 49	0 28	18 48	0 1	11 53	0 48	24 7	1 15	16 11	0 24	25 11	1 19	14 20	0 2	15 15	0 48	29 55	16 27	23 46	23 40	6 59			n.a.
M15	14 51	24 47	0n41	19 8	0s15	11 24	0 46	24 1	1 15	16 13	0 24	25 11	1 19	14 20	0 2	15 15	0 48	29 55	16 27	23 46	23 40	6 57			n.a.
T 16	14 32	25 25	1 46	19 26	0 30	10 54	0 44	23 55	1 16	16 15	0 24	25 11	1 19	14 21	0 2	15 15	0 48	29 56	16 27	23 46	23 39	6 54			n.a.
W17	14 13	24 44	2 45	19 43	0 45	10 25	0 42	23 48	1 16	16 17	0 24	25 11	1 19	14 22	0 2	15 16	0 48	29 56	16 27	23 46	23 39	6 51			n.a.
T 18	13 54	22 51	3 36	19 58	0 59	9 55	0 40	23 42	1 16	16 19	0 24	25 11	1 19	14 22	0 2	15 16	0 48	29 57	16 27	23 45	23 39	6 48			n.a.
F 19	13 34	19 56	4 16	20 12	1 12	9 25	0 38	23 35	1 16	16 22	0 24	25 11	1 19	14 23	0 2	15 16	0 48	29 57	16 27	23 45	23 39	6 45			n.a.
S 20	13 14	16 11	4 44	20 23	1 25	8 55	0 36	23 27	1 16	16 24	0 24	25 11	1 18	14 23	0 2	15 17	0 48	29 58	16 27	23 44	23 38	6 42			n.a.
S 21	12 54	11 50	4 59	20 33	1 37	8 24	0 33	23 20	1 16	16 26	0 24	25 11	1 18	14 24	0 2	15 17	0 48	29 58	16 27	23 43	23 38	6 40			n.a.
M22	12 34	7 3	5 1	20 40	1 48	7 54	0 31	23 13	1 17	16 28	0 24	25 10	1 18	14 24	0 2	15 17	0 48	29 59	16 27	23 42	23 38	6 37			n.a.
T 23	12 14	2 3	4 50	20 46	1 58	7 23	0 29	23 5	1 17	16 31	0 24	25 10	1 18	14 25	0 2	15 17	0 48	29 59	16 27	23 41	23 38	6 34			n.a.
W24	11 53	3s 2	4 26	20 49	2 7	6 52	0 27	22 57	1 17	16 33	0 24	25 10	1 18	14 26	0 2	15 18	0 48	30 0	16 27	23 40	23 37	6 31			n.a.
T 25	11 33	8 3	3 51	20 50	2 16	6 20	0 24	22 49	1 17	16 36	0 24	25 10	1 18	14 26	0 2	15 18	0 48	30 0	16 27	23 40	23 37	6 28			n.a.
F 26	11 12	12 49	3 5	20 50	2 23	5 49	0 22	22 40	1 17	16 38	0 24	25 10	1 18	14 27	0 2	15 18	0 48	30 1	16 26	23 40	23 37	6 25			n.a.
S 27	10 51	17 9	2 10	20 47	2 30	5 17	0 20	22 31	1 17	16 40	0 25	25 10	1 18	14 28	0 2	15 19	0 48	30 1	16 26	23 39	23 36	6 23			n.a.
S 28	10 29	20 51	1 8	20 42	2 36	4 46	0 17	22 23	1 17	16 43	0 25	25 10	1 18	14 28	0 2	15 19	0 48	30 2	16 26	23 39	23 36	6 20			n.a.
M29	10 8	23 38	0 0	20 35	2 41	4 14	0 15	22 14	1 18	16 45	0 25	25 10	1 18	14 29	0 2	15 19	0 47	30 2	16 26	23 39	23 36	6 17			n.a.
T 30	9 47	25 15	1s 9	20 26	2 45	3 42	0 12	22 4	1 18	16 48	0 25	25 10	1 18	14 30	0 2	15 20	0 47	30 3	16 26	23 39	23 36	6 14			n.a.
W31	9s25	25s24	2s17	20s15	2s49	3s10	0s10	21s55	1s18	16n51	0n25	25n10	1n18	14n30	0s 2	15n20	0s47	30n 3	16n26	23n39	23n35	6n11			n.a.

Julian Day Number = 195467.5, Delta T = 32h20m04s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'09, Lahiri = -61°21'08 Julian Calendar 1 March 4178 BCE == Greg. Calendar 27 Jan. 4178 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

APRIL 4178 BCE (-4177) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 26 14	7♓20'26	0♒ 5	13♒17	23♓49	1♒ 2	14♉ 1	22♊ 3	7♉55	12♉43	21°R43	19°R 0	18♊18	26♍21	n.a.	T 1
F 2	10 30 11	8°17'34	14°43	14°14	25° 2	1°45	14° 9	22° 3	7°58	12°45	21♌42	18♊53	18°15	26°28	n.a.	F 2
S 3	10 34 8	9°14'41	29°42	15°14	26°16	2°28	14°18	22° 4	8° 0	12°46	21°40	18°44	18°12	26°35	n.a.	S 3
S 4	10 38 4	10°11'47	14♓55	16°17	27°29	3°11	14°27	22° 4	8° 2	12°47	21°38	18°33	18° 8	26°41	n.a.	S 4
M 5	10 42 1	11° 8'53	0♈11	17°23	28°42	3°54	14°36	22° 5	8° 5	12°48	21°37	18°23	18° 5	26°48	n.a.	M 5
T 6	10 45 57	12° 5'57	15°18	18°33	29°56	4°37	14°45	22° 6	8° 7	12°49	21°35	18°13	18° 2	26°55	n.a.	T 6
W 7	10 49 54	13° 3'01	0♉ 7	19°46	1♈ 9	5°20	14°54	22° 7	8° 9	12°51	21°34	18° 6	17°59	27° 2	n.a.	W 7
T 8	10 53 50	14° 0'05	14°33	21° 2	2°22	6° 3	15° 3	22° 8	8°12	12°52	21°32	18° 2	17°56	27° 8	n.a.	T 8
F 9	10 57 47	14°57'07	28°32	22°21	3°35	6°45	15°12	22° 9	8°14	12°53	21°31	18° 0	17°53	27°15	n.a.	F 9
S 10	11 1 44	15°54'09	12♊ 4	23°43	4°48	7°28	15°21	22°10	8°17	12°55	21°29	17°59	17°49	27°22	n.a.	S 10
S 11	11 5 40	16°51'10	25°13	25° 8	6° 2	8°10	15°31	22°11	8°19	12°56	21°28	17°59	17°46	27°29	n.a.	S 11
M12	11 9 37	17°48'10	8♋ 1	26°36	7°15	8°53	15°40	22°13	8°22	12°58	21°26	17°59	17°43	27°35	n.a.	M12
T 13	11 13 33	18°45'10	20°32	28° 7	8°28	9°35	15°50	22°14	8°25	12°59	21°25	17°56	17°40	27°42	n.a.	T 13
W14	11 17 30	19°42'09	2♌51	29°41	9°41	10°17	16° 0	22°16	8°27	13° 0	21°23	17°51	17°37	27°49	n.a.	W14
T 15	11 21 26	20°39'07	15° 0	1♓18	10°54	11° 0	16°10	22°17	8°30	13° 2	21°22	17°43	17°33	27°55	n.a.	T 15
F 16	11 25 23	21°36'05	27° 2	2°57	12° 7	11°42	16°20	22°19	8°33	13° 3	21°21	17°32	17°30	28° 2	n.a.	F 16
S 17	11 29 20	22°33'03	8♍59	4°40	13°20	12°24	16°30	22°21	8°36	13° 5	21°19	17°20	17°27	28° 9	n.a.	S 17
S 18	11 33 16	23°30'00	20°54	6°25	14°33	13° 6	16°40	22°23	8°39	13° 7	21°18	17° 6	17°24	28°16	n.a.	S 18
M19	11 37 13	24°26'57	2♎46	8°13	15°46	13°48	16°50	22°25	8°41	13° 8	21°17	16°53	17°21	28°22	n.a.	M19
T 20	11 41 9	25°23'54	14°39	10° 4	16°59	14°30	17° 0	22°27	8°44	13°10	21°15	16°40	17°18	28°29	n.a.	T 20
W21	11 45 6	26°20'51	26°33	11°57	18°12	15°12	17°11	22°30	8°47	13°11	21°14	16°30	17°14	28°36	n.a.	W21
T 22	11 49 2	27°17'48	8♏30	13°52	19°25	15°54	17°21	22°32	8°50	13°13	21°13	16°23	17°11	28°42	n.a.	T 22
F 23	11 52 59	28°14'46	20°34	15°51	20°38	16°35	17°32	22°34	8°53	13°15	21°11	16°18	17° 8	28°49	n.a.	F 23
S 24	11 56 55	29°11'43	2♐48	17°51	21°51	17°17	17°42	22°37	8°56	13°16	21°10	16°15	17° 5	28°56	n.a.	S 24
S 25	12 0 52	0♈ 8'41	15°15	19°53	23° 4	17°59	17°53	22°39	8°59	13°18	21° 9	16°D15	17° 2	29° 3	n.a.	S 25
M26	12 4 49	1° 5'39	28° 1	21°57	24°17	18°40	18° 4	22°42	9° 2	13°20	21° 8	16°R15	16°59	29° 9	n.a.	M26
T 27	12 8 45	2° 2'38	11♑10	24° 3	25°30	19°22	18°14	22°45	9° 6	13°22	21° 7	16°15	16°55	29°16	n.a.	T 27
W28	12 12 42	2°59'37	24°45	26°10	26°43	20° 3	18°25	22°48	9° 9	13°23	21° 6	16°13	16°52	29°23	n.a.	W28
T 29	12 16 38	3°56'36	8♒48	28°18	27°56	20°44	18°36	22°51	9°12	13°25	21° 4	16° 9	16°49	29°30	n.a.	T 29
F 30	12 20 35	4♈53'36	23♒18	0♈27	29♈ 9	21♒26	18♉48	22♊54	9♉15	13♉27	21♌ 3	16♊ 3	16♊46	29♍36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9s 3	23s56	3s18	20s 2	2s51	2s38	0s 8	21s45	1s18	16n53	0n25	25n10	1n18	14n31	0s 2	15n21	0s47	30n 3	16n25	23n39	23n35	6n 8		n.a.
F 2	8 41	20 50	4 9	19 47	2 53	2 6	0 5	21 36	1 18	16 56	0 25	25 10	1 18	14 32	0 2	15 21	0 47	30 4	16 25	23 38	23 35	6 5		n.a.
S 3	8 19	16 19	4 44	19 29	2 54	1 34	0 3	21 26	1 18	16 59	0 25	25 10	1 18	14 33	0 2	15 21	0 47	30 4	16 25	23 37	23 34	6 3		n.a.
S 4	7 57	10 41	5 0	19 10	2 54	1 2	0 0	21 16	1 18	17 1	0 25	25 10	1 18	14 33	0 2	15 22	0 47	30 4	16 25	23 36	23 34	6 0		n.a.
M 5	7 35	4 24	4 54	18 49	2 54	0 29	0n 2	21 5	1 18	17 4	0 25	25 10	1 18	14 34	0 2	15 22	0 47	30 5	16 24	23 35	23 34	5 57		n.a.
T 6	7 13	2n 5	4 28	18 25	2 53	0n 3	0 5	20 55	1 18	17 7	0 25	25 10	1 18	14 35	0 1	15 23	0 47	30 5	16 24	23 35	23 34	5 54		n.a.
W 7	6 50	8 21	3 44	18 0	2 51	0 35	0 8	20 44	1 18	17 10	0 25	25 10	1 18	14 36	0 1	15 23	0 47	30 5	16 24	23 34	23 33	5 51		n.a.
T 8	6 28	14 0	2 47	17 32	2 48	1 7	0 10	20 33	1 18	17 12	0 25	25 10	1 18	14 37	0 1	15 24	0 47	30 6	16 24	23 34	23 33	5 48		n.a.
F 9	6 5	18 45	1 41	17 2	2 45	1 39	0 13	20 22	1 18	17 15	0 25	25 10	1 18	14 38	0 1	15 24	0 47	30 6	16 23	23 33	23 33	5 45		n.a.
S 10	5 43	22 22	0 31	16 31	2 41	2 12	0 15	20 11	1 18	17 18	0 25	25 10	1 17	14 38	0 1	15 24	0 47	30 6	16 23	23 33	23 32	5 42		n.a.
S 11	5 20	24 40	0n38	15 57	2 36	2 44	0 18	20 0	1 18	17 21	0 25	25 10	1 17	14 39	0 1	15 25	0 47	30 7	16 23	23 33	23 32	5 40		n.a.
M12	4 57	25 35	1 44	15 21	2 31	3 16	0 20	19 48	1 18	17 24	0 26	25 10	1 17	14 40	0 1	15 25	0 47	30 7	16 23	23 33	23 32	5 37		n.a.
T 13	4 34	25 10	2 43	14 43	2 25	3 48	0 23	19 37	1 18	17 27	0 26	25 10	1 17	14 41	0 1	15 26	0 47	30 7	16 22	23 33	23 32	5 34		n.a.
W14	4 11	23 31	3 33	14 3	2 18	4 20	0 25	19 25	1 18	17 30	0 26	25 10	1 17	14 42	0 1	15 26	0 47	30 7	16 22	23 33	23 31	5 31		n.a.
T 15	3 48	20 48	4 13	13 21	2 11	4 51	0 28	19 13	1 18	17 33	0 26	25 10	1 17	14 43	0 1	15 27	0 47	30 7	16 22	23 32	23 31	5 28		n.a.
F 16	3 25	17 13	4 41	12 37	2 4	5 23	0 30	19 1	1 18	17 36	0 26	25 10	1 17	14 44	0 1	15 27	0 47	30 8	16 21	23 31	23 31	5 25		n.a.
S 17	3 2	12 59	4 56	11 51	1 55	5 55	0 33	18 49	1 18	17 39	0 26	25 10	1 17	14 45	0 1	15 28	0 47	30 8	16 21	23 30	23 30	5 22		n.a.
S 18	2 39	8 16	4 59	11 3	1 47	6 26	0 35	18 36	1 18	17 42	0 26	25 10	1 17	14 46	0 1	15 28	0 47	30 8	16 21	23 28	23 30	5 19		n.a.
M19	2 16	3 15	4 48	10 14	1 38	6 57	0 38	18 24	1 18	17 45	0 26	25 10	1 17	14 47	0 1	15 29	0 47	30 8	16 20	23 27	23 30	5 16		n.a.
T 20	1 53	1s52	4 25	9 22	1 28	7 29	0 40	18 11	1 18	17 48	0 26	25 10	1 17	14 48	0 1	15 29	0 47	30 8	16 20	23 26	23 29	5 14		n.a.
W21	1 29	6 57	3 51	8 29	1 19	7 59	0 43	17 59	1 18	17 51	0 26	25 11	1 17	14 49	0 1	15 30	0 47	30 8	16 20	23 25	23 29	5 11		n.a.
T 22	1 6	11 49	3 5	7 34	1 8	8 30	0 45	17 46	1 18	17 54	0 26	25 11	1 17	14 50	0 1	15 30	0 47	30 8	16 19	23 24	23 29	5 8		n.a.
F 23	0 43	16 17	2 11	6 37	0 58	9 1	0 48	17 33	1 18	17 57	0 26	25 11	1 17	14 51	0 1	15 31	0 47	30 8	16 19	23 23	23 28	5 5		n.a.
S 24	0 20	20 9	1 11	5 40	0 47	9 31	0 50	17 20	1 18	18 1	0 26	25 11	1 17	14 52	0 1	15 32	0 47	30 9	16 18	23 23	23 28	5 2		n.a.
S 25	0n 4	23 11	0 5	4 40	0 37	10 1	0 52	17 7	1 18	18 4	0 26	25 11	1 17	14 53	0 1	15 32	0 47	30 9	16 18	23 23	23 28	4 59		n.a.
M26	0 27	25 8	1s 2	3 40	0 26	10 31	0 55	16 53	1 18	18 7	0 26	25 11	1 17	14 54	0 1	15 33	0 47	30 9	16 18	23 23	23 27	4 56		n.a.
T 27	0 50	25 45	2 8	2 39	0 15	11 1	0 57	16 40	1 18	18 10	0 26	25 11	1 17	14 55	0 1	15 33	0 47	30 9	16 17	23 23	23 27	4 53		n.a.
W28	1 13	24 53	3 9	1 38	0 4	11 30	0 59	16 26	1 18	18 13	0 27	25 11	1 17	14 56	0 1	15 34	0 46	30 9	16 17	23 23	23 27	4 50		n.a.
T 29	1 37	22 26	4 1	0 36	0n 6	11 59	1 2	16 13	1 18	18 16	0 27	25 11	1 16	14 57	0 1	15 34	0 46	30 9	16 16	23 22	23 27	4 47		n.a.
F 30	2n 0	18s30	4s39	0n26	0n17	12n28	1n 4	15s59	1s18	18n20	0n27	25n11	1n16	14n58	0s 1	15n35	0s46	30n 9	16n16	23n22	23n26	4n44		n.a.

Julian Day Number = 195498.5, Delta T = 32h20m01s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'04, Lahiri = -61°21'04 Julian Calendar 1 Apr. 4178 BCE == Greg. Calendar 27 Feb. 4178 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

MAY 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 24 32	5♈50'36	8♓13	2♈37	0♉21	22♒ 7	18♉59	22♊57	9♉18	13♉29	21°R 2	15°R55	16♊43	29♍43	n.a.	S 1
S 2	12 28 28	6°47'37	23°24	4°47	1°34	22°48	19°10	23° 0	9°21	13°31	21♌ 1	15♊45	16°39	29°50	n.a.	S 2
M 3	12 32 25	7°44'38	8♈42	6°56	2°47	23°29	19°21	23° 3	9°25	13°33	21° 0	15°35	16°36	29°56	n.a.	M 3
T 4	12 36 21	8°41'39	23°55	9° 6	4° 0	24°10	19°33	23° 7	9°28	13°34	20°59	15°27	16°33	0♎ 3	n.a.	T 4
W 5	12 40 18	9°38'41	8♉53	11°15	5°13	24°51	19°44	23°10	9°31	13°36	20°58	15°20	16°30	0°10	n.a.	W 5
T 6	12 44 14	10°35'43	23°28	13°23	6°25	25°32	19°56	23°14	9°35	13°38	20°57	15°16	16°27	0°17	n.a.	T 6
F 7	12 48 11	11°32'46	7♊36	15°31	7°38	26°13	20° 7	23°17	9°38	13°40	20°56	15°15	16°24	0°23	n.a.	F 7
S 8	12 52 8	12°29'48	21°15	17°37	8°51	26°53	20°19	23°21	9°41	13°42	20°56	15°D14	16°20	0°30	n.a.	S 8
S 9	12 56 4	13°26'51	4♋27	19°42	10° 3	27°34	20°30	23°25	9°45	13°44	20°55	15°15	16°17	0°37	n.a.	S 9
M10	13 0 1	14°23'54	17°16	21°45	11°16	28°15	20°42	23°29	9°48	13°46	20°54	15°R15	16°14	0°43	n.a.	M10
T 11	13 3 57	15°20'58	29°46	23°47	12°29	28°55	20°54	23°33	9°52	13°48	20°53	15°14	16°11	0°50	n.a.	T 11
W12	13 7 54	16°18'02	12♌ 1	25°48	13°41	29°35	21° 6	23°37	9°55	13°50	20°52	15°11	16° 8	0°57	n.a.	W12
T 13	13 11 50	17°15'06	24° 5	27°47	14°54	0♓16	21°18	23°41	9°59	13°52	20°52	15° 6	16° 5	1° 4	n.a.	T 13
F 14	13 15 47	18°12'11	6♍ 2	29°44	16° 6	0°56	21°30	23°45	10° 2	13°54	20°51	14°58	16° 1	1°10	n.a.	F 14
S 15	13 19 44	19° 9'16	17°56	1♉39	17°19	1°36	21°42	23°49	10° 6	13°56	20°50	14°49	15°58	1°17	n.a.	S 15
S 16	13 23 40	20° 6'22	29°48	3°33	18°31	2°16	21°54	23°54	10° 9	13°58	20°50	14°39	15°55	1°24	n.a.	S 16
M17	13 27 37	21° 3'28	11♎41	5°25	19°44	2°56	22° 6	23°58	10°13	14° 0	20°49	14°29	15°52	1°31	n.a.	M17
T 18	13 31 33	22° 0'36	23°36	7°15	20°56	3°36	22°18	24° 3	10°16	14° 2	20°48	14°19	15°49	1°37	n.a.	T 18
W19	13 35 30	22°57'44	5♏36	9° 4	22° 9	4°16	22°30	24° 7	10°20	14° 5	20°48	14°12	15°45	1°44	n.a.	W19
T 20	13 39 26	23°54'53	17°41	10°50	23°21	4°56	22°43	24°12	10°23	14° 7	20°47	14° 7	15°42	1°51	n.a.	T 20
F 21	13 43 23	24°52'04	29°54	12°35	24°34	5°36	22°55	24°16	10°27	14° 9	20°47	14° 3	15°39	1°57	n.a.	F 21
S 22	13 47 20	25°49'15	12♐16	14°18	25°46	6°15	23° 7	24°21	10°30	14°11	20°46	14°D 2	15°36	2° 4	n.a.	S 22
S 23	13 51 16	26°46'28	24°51	16° 0	26°58	6°55	23°20	24°26	10°34	14°13	20°46	14° 3	15°33	2°11	n.a.	S 23
M24	13 55 13	27°43'42	7♑42	17°39	28°11	7°34	23°32	24°31	10°38	14°15	20°46	14° 4	15°30	2°18	n.a.	M24
T 25	13 59 9	28°40'58	20°51	19°17	29°23	8°14	23°45	24°36	10°41	14°17	20°45	14° 5	15°26	2°24	n.a.	T 25
W26	14 3 6	29°38'15	4♒23	20°53	0♊35	8°53	23°57	24°41	10°45	14°20	20°45	14°R 5	15°23	2°31	n.a.	W26
T 27	14 7 3	0♉35'33	18°17	22°28	1°47	9°33	24°10	24°46	10°49	14°22	20°45	14° 4	15°20	2°38	n.a.	T 27
F 28	14 10 59	1°32'53	2♓36	24° 0	2°59	10°12	24°22	24°51	10°52	14°24	20°44	14° 1	15°17	2°44	n.a.	F 28
S 29	14 14 56	2°30'14	17°16	25°31	4°12	10°51	24°35	24°56	10°56	14°26	20°44	13°56	15°14	2°51	n.a.	S 29
S 30	14 18 52	3°27'36	2♈12	27° 0	5°24	11°30	24°48	25° 2	11° 0	14°28	20°44	13°50	15°10	2°58	n.a.	S 30
M31	14 22 49	4♉25'00	17♈16	28♉27	6♊36	12♓ 9	25♉ 0	25♊ 7	11♉ 3	14♉30	20♌44	13♊45	15♊ 7	3♎ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n23	13s19	4s59	1n29	0n27	12n57	1n 6	15s45	1s18	18n23	0n27	25n12	1n16	14n59	0s 1	15n36	0s46	30n 9	16n15	23n21	23n26	4n41		n.a.
S 2	2 46	7 15	4 59	2 31	0 37	13 25	1 8	15 31	1 18	18 26	0 27	25 12	1 16	15 0	0 1	15 36	0 46	30 9	16 15	23 20	23 26	4 39		n.a.
M 3	3 9	0 42	4 38	3 32	0 46	13 53	1 10	15 17	1 17	18 29	0 27	25 12	1 16	15 1	0 1	15 37	0 46	30 8	16 15	23 19	23 25	4 36		n.a.
T 4	3 32	5n52	3 57	4 33	0 55	14 20	1 12	15 3	1 17	18 33	0 27	25 12	1 16	15 2	0 1	15 37	0 46	30 8	16 14	23 18	23 25	4 33		n.a.
W 5	3 55	12 1	3 1	5 33	1 4	14 47	1 14	14 49	1 17	18 36	0 27	25 12	1 16	15 3	0 1	15 38	0 46	30 8	16 14	23 17	23 25	4 30		n.a.
T 6	4 18	17 21	1 53	6 31	1 12	15 14	1 16	14 34	1 17	18 39	0 27	25 12	1 16	15 4	0 1	15 39	0 46	30 8	16 13	23 17	23 24	4 27		n.a.
F 7	4 41	21 32	0 41	7 29	1 19	15 41	1 18	14 20	1 17	18 42	0 27	25 12	1 16	15 5	0 1	15 39	0 46	30 8	16 13	23 16	23 24	4 24		n.a.
S 8	5 4	24 21	0n32	8 25	1 26	16 7	1 20	14 6	1 17	18 46	0 27	25 13	1 16	15 6	0 1	15 40	0 46	30 8	16 12	23 16	23 24	4 21		n.a.
S 9	5 27	25 43	1 41	9 20	1 32	16 32	1 22	13 51	1 17	18 49	0 27	25 13	1 16	15 8	0 1	15 41	0 46	30 8	16 12	23 16	23 23	4 18		n.a.
M10	5 50	25 39	2 42	10 13	1 38	16 58	1 24	13 37	1 16	18 52	0 27	25 13	1 16	15 9	0 1	15 41	0 46	30 8	16 11	23 16	23 23	4 15		n.a.
T 11	6 13	24 16	3 34	11 4	1 43	17 22	1 26	13 22	1 16	18 56	0 27	25 13	1 16	15 10	0 1	15 42	0 46	30 7	16 11	23 16	23 23	4 12		n.a.
W12	6 35	21 45	4 16	11 54	1 47	17 47	1 27	13 7	1 16	18 59	0 28	25 13	1 16	15 11	0 1	15 42	0 46	30 7	16 10	23 16	23 22	4 9		n.a.
T 13	6 58	18 19	4 45	12 41	1 51	18 11	1 29	12 52	1 16	19 2	0 28	25 13	1 16	15 12	0 1	15 43	0 46	30 7	16 10	23 15	23 22	4 6		n.a.
F 14	7 20	14 11	5 1	13 27	1 54	18 34	1 31	12 38	1 16	19 6	0 28	25 14	1 16	15 13	0 1	15 44	0 46	30 7	16 9	23 14	23 22	4 3		n.a.
S 15	7 42	9 33	5 4	14 11	1 56	18 57	1 32	12 23	1 16	19 9	0 28	25 14	1 16	15 14	0 1	15 44	0 46	30 7	16 9	23 13	23 21	4 0		n.a.
S 16	8 4	4 33	4 54	14 54	1 58	19 19	1 34	12 8	1 15	19 12	0 28	25 14	1 16	15 16	0 1	15 45	0 46	30 6	16 8	23 12	23 21	3 57		n.a.
M17	8 26	0s36	4 31	15 34	1 59	19 41	1 35	11 53	1 15	19 15	0 28	25 14	1 16	15 17	0 1	15 46	0 46	30 6	16 8	23 11	23 20	3 54		n.a.
T 18	8 48	5 46	3 57	16 12	2 0	20 3	1 36	11 38	1 15	19 19	0 28	25 14	1 16	15 18	0 1	15 46	0 46	30 6	16 7	23 10	23 20	3 51		n.a.
W19	9 10	10 46	3 11	16 48	2 0	20 23	1 38	11 22	1 15	19 22	0 28	25 14	1 16	15 19	0 1	15 47	0 46	30 5	16 7	23 9	23 20	3 48		n.a.
T 20	9 32	15 24	2 17	17 23	1 59	20 44	1 39	11 7	1 15	19 25	0 28	25 15	1 16	15 20	0 1	15 48	0 46	30 5	16 6	23 8	23 19	3 46		n.a.
F 21	9 54	19 28	1 15	17 55	1 58	21 3	1 40	10 52	1 14	19 29	0 28	25 15	1 16	15 21	0 1	15 48	0 46	30 5	16 5	23 8	23 19	3 43		n.a.
S 22	10 15	22 45	0 10	18 26	1 57	21 23	1 41	10 37	1 14	19 32	0 28	25 15	1 16	15 23	0 1	15 49	0 46	30 4	16 5	23 8	23 19	3 40		n.a.
S 23	10 36	24 59	0s58	18 55	1 54	21 41	1 42	10 21	1 14	19 35	0 28	25 15	1 16	15 24	0 1	15 50	0 46	30 4	16 4	23 8	23 18	3 37		n.a.
M24	10 57	25 57	2 4	19 22	1 52	21 59	1 43	10 6	1 14	19 39	0 28	25 15	1 16	15 25	0 1	15 50	0 46	30 4	16 4	23 8	23 18	3 34		n.a.
T 25	11 18	25 30	3 6	19 47	1 49	22 16	1 44	9 51	1 13	19 42	0 29	25 16	1 15	15 26	0 1	15 51	0 46	30 3	16 3	23 8	23 18	3 31		n.a.
W26	11 39	23 33	3 58	20 10	1 45	22 33	1 45	9 35	1 13	19 45	0 29	25 16	1 15	15 27	0 1	15 52	0 46	30 3	16 3	23 8	23 17	3 28		n.a.
T 27	12 0	20 11	4 39	20 32	1 41	22 49	1 45	9 20	1 13	19 48	0 29	25 16	1 15	15 28	0 1	15 52	0 46	30 2	16 2	23 8	23 17	3 25		n.a.
F 28	12 21	15 32	5 3	20 51	1 36	23 5	1 46	9 4	1 13	19 52	0 29	25 16	1 15	15 30	0 1	15 53	0 46	30 2	16 2	23 8	23 17	3 22		n.a.
S 29	12 41	9 53	5 9	21 9	1 31	23 20	1 47	8 49	1 12	19 55	0 29	25 16	1 15	15 31	0 1	15 54	0 46	30 1	16 1	23 7	23 16	3 19		n.a.
S 30	13 1	3 34	4 54	21 26	1 26	23 34	1 47	8 33	1 12	19 58	0 29	25 16	1 15	15 32	0 1	15 54	0 46	30 1	16 0	23 6	23 16	3 16		n.a.
M31	13n21	3n 0	4s18	21n40	1n20	23n47	1n48	8s18	1s12	20n 1	0n29	25n17	1n15	15n33	0s 1	15n55	0s46	30n 1	16n 0	23n 6	23n16	3n13		n.a.

Julian Day Number = 195528.5, Delta T = 32h19m57s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°28'00, Lahiri = -61°21'00 Julian Calendar 1 May 4178 BCE == Greg. Calendar 29 March 4178 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

JUNE 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 26 45	5♉22'25	2♉19	29♉53	7♊48	12♓48	25♉13	25♊12	11♉ 7	14♉33	20°R44	13°R39	15♊ 4	3♎11	n.a.	T 1
W 2	14 30 42	6°19'52	17°12	1♊16	9° 0	13°27	25°26	25°18	11°11	14°35	20♌44	13♊36	15° 1	3°18	n.a.	W 2
T 3	14 34 39	7°17'20	1♊47	2°38	10°12	14° 5	25°39	25°23	11°14	14°37	20°44	13°34	14°58	3°25	n.a.	T 3
F 4	14 38 35	8°14'50	15°58	3°58	11°24	14°44	25°52	25°29	11°18	14°39	20°D44	13°D33	14°55	3°31	n.a.	F 4
S 5	14 42 32	9°12'20	29°42	5°16	12°36	15°22	26° 5	25°34	11°22	14°42	20°44	13°34	14°51	3°38	n.a.	S 5
S 6	14 46 28	10° 9'52	12♋59	6°31	13°48	16° 1	26°17	25°40	11°26	14°44	20°44	13°35	14°48	3°45	n.a.	S 6
M 7	14 50 25	11° 7'25	25°53	7°45	15° 0	16°39	26°30	25°46	11°29	14°46	20°44	13°37	14°45	3°52	n.a.	M 7
T 8	14 54 21	12° 5'00	8♌25	8°56	16°12	17°18	26°43	25°52	11°33	14°48	20°44	13°R38	14°42	3°58	n.a.	T 8
W 9	14 58 18	13° 2'35	20°41	10° 6	17°24	17°56	26°56	25°58	11°37	14°50	20°44	13°37	14°39	4° 5	n.a.	W 9
T 10	15 2 15	14° 0'12	2♍45	11°13	18°35	18°34	27° 9	26° 3	11°40	14°53	20°44	13°36	14°36	4°12	n.a.	T 10
F 11	15 6 11	14°57'50	14°41	12°17	19°47	19°12	27°22	26° 9	11°44	14°55	20°45	13°33	14°32	4°18	n.a.	F 11
S 12	15 10 8	15°55'29	26°34	13°19	20°59	19°50	27°35	26°15	11°48	14°57	20°45	13°29	14°29	4°25	n.a.	S 12
S 13	15 14 4	16°53'10	8♎26	14°18	22°10	20°28	27°48	26°21	11°51	14°59	20°45	13°25	14°26	4°32	n.a.	S 13
M14	15 18 1	17°50'52	20°22	15°15	23°22	21° 5	28° 1	26°28	11°55	15° 2	20°45	13°21	14°23	4°39	n.a.	M14
T 15	15 21 57	18°48'36	2♏22	16° 8	24°34	21°43	28°14	26°34	11°59	15° 4	20°46	13°17	14°20	4°45	n.a.	T 15
W16	15 25 54	19°46'22	14°31	16°58	25°45	22°21	28°28	26°40	12° 3	15° 6	20°46	13°13	14°16	4°52	n.a.	W16
T 17	15 29 50	20°44'09	26°48	17°46	26°57	22°58	28°41	26°46	12° 6	15° 8	20°47	13°11	14°13	4°59	n.a.	T 17
F 18	15 33 47	21°41'58	9♐15	18°29	28° 8	23°35	28°54	26°52	12°10	15°11	20°47	13°D10	14°10	5° 5	n.a.	F 18
S 19	15 37 44	22°39'49	21°53	19° 9	29°19	24°13	29° 7	26°59	12°14	15°13	20°48	13°11	14° 7	5°12	n.a.	S 19
S 20	15 41 40	23°37'42	4♑44	19°45	0♋31	24°50	29°20	27° 5	12°17	15°15	20°48	13°12	14° 4	5°19	n.a.	S 20
M21	15 45 37	24°35'37	17°49	20°17	1°42	25°27	29°33	27°11	12°21	15°17	20°49	13°13	14° 1	5°26	n.a.	M21
T 22	15 49 33	25°33'34	1♒ 9	20°45	2°53	26° 4	29°46	27°18	12°24	15°19	20°49	13°14	13°57	5°32	n.a.	T 22
W23	15 53 30	26°31'33	14°45	21° 8	4° 5	26°41	29°59	27°24	12°28	15°22	20°50	13°15	13°54	5°39	n.a.	W23
T 24	15 57 26	27°29'35	28°37	21°26	5°16	27°18	0♊13	27°31	12°32	15°24	20°51	13°R15	13°51	5°46	n.a.	T 24
F 25	16 1 23	28°27'38	12♓46	21°39	6°27	27°55	0°26	27°37	12°35	15°26	20°51	13°15	13°48	5°52	n.a.	F 25
S 26	16 5 20	29°25'44	27° 9	21°47	7°38	28°31	0°39	27°44	12°39	15°28	20°52	13°14	13°45	5°59	n.a.	S 26
S 27	16 9 16	0♊23'52	11♈43	21°R49	8°49	29° 8	0°52	27°51	12°43	15°30	20°53	13°13	13°42	6° 6	n.a.	S 27
M28	16 13 13	1°22'02	26°24	21°46	10° 0	29°44	1° 6	27°57	12°46	15°32	20°54	13°11	13°38	6°13	n.a.	M28
T 29	16 17 9	2°20'14	11♉ 4	21°36	11°11	0♈21	1°19	28° 4	12°50	15°35	20°54	13°10	13°35	6°19	n.a.	T 29
W30	16 21 6	3♊18'29	25♉38	21♊20	12♋22	0♈57	1♊32	28♊11	12♉53	15♉37	20♌55	13♊ 9	13♊32	6♎26	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n41	9n25	3s25	21n54	1n14	24n 0	1n48	8s 2	1s12	20n 5	0n29	25n17	1n15	15n34	0s 1	15n56	0s46	30n 0	15n59	23n 5	23n15	3n10		n.a.
W 2	14 0	15 14	2 18	22 5	1 7	24 12	1 48	7 47	1 11	20 8	0 29	25 17	1 15	15 36	0 1	15 56	0 46	30 0	15 59	23 5	23 15	3 7		n.a.
T 3	14 20	20 4	1 4	22 15	1 0	24 24	1 48	7 31	1 11	20 11	0 29	25 17	1 15	15 37	0 1	15 57	0 46	29 59	15 58	23 4	23 14	3 4		n.a.
F 4	14 39	23 34	0n13	22 24	0 52	24 34	1 49	7 15	1 11	20 14	0 29	25 17	1 15	15 38	0 1	15 58	0 46	29 58	15 58	23 4	23 14	3 1		n.a.
S 5	14 58	25 34	1 27	22 31	0 44	24 44	1 49	7 0	1 10	20 18	0 29	25 18	1 15	15 39	0 1	15 59	0 46	29 58	15 57	23 4	23 14	2 58		n.a.
S 6	15 17	26 1	2 34	22 36	0 36	24 54	1 48	6 44	1 10	20 21	0 30	25 18	1 15	15 40	0 1	15 59	0 46	29 57	15 56	23 5	23 13	2 55		n.a.
M 7	15 35	25 1	3 31	22 40	0 28	25 2	1 48	6 29	1 10	20 24	0 30	25 18	1 15	15 41	0 1	16 0	0 46	29 57	15 56	23 5	23 13	2 52		n.a.
T 8	15 53	22 46	4 16	22 43	0 19	25 10	1 48	6 13	1 9	20 27	0 30	25 18	1 15	15 43	0 1	16 1	0 46	29 56	15 55	23 5	23 13	2 49		n.a.
W 9	16 11	19 32	4 48	22 45	0 9	25 17	1 48	5 57	1 9	20 30	0 30	25 18	1 15	15 44	0 1	16 1	0 46	29 56	15 55	23 5	23 12	2 46		n.a.
T 10	16 29	15 32	5 7	22 45	0s 0	25 24	1 47	5 42	1 9	20 34	0 30	25 18	1 15	15 45	0 1	16 2	0 46	29 55	15 54	23 5	23 12	2 43		n.a.
F 11	16 47	10 58	5 13	22 45	0 10	25 29	1 47	5 26	1 8	20 37	0 30	25 19	1 15	15 46	0 1	16 3	0 46	29 54	15 53	23 4	23 11	2 40		n.a.
S 12	17 4	6 2	5 5	22 43	0 20	25 34	1 46	5 10	1 8	20 40	0 30	25 19	1 15	15 47	0 1	16 3	0 46	29 54	15 53	23 4	23 11	2 37		n.a.
S 13	17 21	0 53	4 44	22 40	0 30	25 38	1 46	4 55	1 8	20 43	0 30	25 19	1 15	15 49	0 1	16 4	0 45	29 53	15 52	23 3	23 11	2 34		n.a.
M14	17 38	4s19	4 10	22 36	0 41	25 41	1 45	4 39	1 7	20 46	0 30	25 19	1 15	15 50	0 1	16 5	0 45	29 52	15 52	23 3	23 10	2 31		n.a.
T 15	17 54	9 26	3 26	22 31	0 52	25 44	1 44	4 24	1 7	20 49	0 30	25 19	1 15	15 51	0 1	16 5	0 45	29 52	15 51	23 2	23 10	2 28		n.a.
W16	18 10	14 15	2 31	22 25	1 3	25 46	1 43	4 8	1 6	20 52	0 30	25 20	1 15	15 52	0 1	16 6	0 45	29 51	15 50	23 2	23 10	2 25		n.a.
T 17	18 26	18 33	1 29	22 18	1 14	25 47	1 42	3 52	1 6	20 55	0 31	25 20	1 15	15 53	0 1	16 7	0 45	29 50	15 50	23 1	23 9	2 22		n.a.
F 18	18 42	22 6	0 22	22 11	1 26	25 47	1 41	3 37	1 6	20 59	0 31	25 20	1 15	15 54	0 1	16 7	0 45	29 50	15 49	23 1	23 9	2 19		n.a.
S 19	18 57	24 39	0s48	22 2	1 37	25 47	1 40	3 21	1 5	21 2	0 31	25 20	1 15	15 56	0 1	16 8	0 45	29 49	15 49	23 1	23 8	2 16		n.a.
S 20	19 12	25 58	1 56	21 54	1 49	25 45	1 39	3 6	1 5	21 5	0 31	25 20	1 15	15 57	0 1	16 9	0 45	29 48	15 48	23 1	23 8	2 13		n.a.
M21	19 27	25 51	3 0	21 44	2 1	25 43	1 37	2 50	1 4	21 8	0 31	25 20	1 15	15 58	0 1	16 9	0 45	29 47	15 48	23 2	23 8	2 10		n.a.
T 22	19 41	24 17	3 55	21 35	2 13	25 41	1 36	2 35	1 4	21 11	0 31	25 20	1 15	15 59	0 1	16 10	0 45	29 47	15 47	23 2	23 7	2 7		n.a.
W23	19 55	21 17	4 38	21 24	2 24	25 37	1 34	2 19	1 4	21 14	0 31	25 21	1 15	16 0	0 1	16 11	0 45	29 46	15 46	23 2	23 7	2 4		n.a.
T 24	20 9	17 2	5 6	21 14	2 36	25 33	1 32	2 4	1 3	21 17	0 31	25 21	1 15	16 1	0 1	16 11	0 45	29 45	15 46	23 2	23 6	2 1		n.a.
F 25	20 23	11 47	5 16	21 3	2 48	25 28	1 31	1 49	1 3	21 20	0 31	25 21	1 15	16 3	0 1	16 12	0 45	29 44	15 45	23 2	23 6	1 58		n.a.
S 26	20 36	5 50	5 7	20 53	2 59	25 22	1 29	1 33	1 2	21 23	0 31	25 21	1 15	16 4	0 1	16 13	0 45	29 44	15 45	23 2	23 6	1 55		n.a.
S 27	20 48	0n31	4 38	20 42	3 10	25 16	1 27	1 18	1 2	21 26	0 32	25 21	1 15	16 5	0 1	16 13	0 45	29 43	15 44	23 2	23 5	1 52		n.a.
M28	21 1	6 54	3 51	20 31	3 20	25 8	1 25	1 2	1 1	21 28	0 32	25 21	1 15	16 6	0 1	16 14	0 45	29 42	15 44	23 1	23 5	1 49		n.a.
T 29	21 13	12 55	2 48	20 21	3 30	25 0	1 23	0 47	1 1	21 31	0 32	25 21	1 15	16 7	0 1	16 15	0 45	29 41	15 43	23 1	23 4	1 46		n.a.
W30	21n24	18n10	1s35	20n11	3s39	24n52	1n21	0s32	1s 0	21n34	0n32	25n22	1n15	16n 8	0s 1	16n15	0s45	29n40	15n42	23n 1	23n 4	1n43		n.a.

Julian Day Number = 195559.5, Delta T = 32h19m54s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'56, Lahiri = -61°20'56 Julian Calendar 1 June 4178 BCE == Greg. Calendar 29 Apr. 4178 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

JULY 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 25 2	4♊16'45	9♊59	20°R58	13♋32	1♈33	1♊45	28♊17	12♉57	15♉39	20♌56	13°D 9	13♊29	6♎33	n.a.	T 1
F 2	16 28 59	5°15'04	24° 2	20♊29	14°43	2° 9	1°58	28°24	13° 0	15°41	20°57	13♊ 9	13°26	6°39	n.a.	F 2
S 3	16 32 55	6°13'25	7♋43	19°55	15°54	2°45	2°12	28°31	13° 4	15°43	20°58	13° 9	13°22	6°46	n.a.	S 3
S 4	16 36 52	7°11'47	21° 2	19°14	17° 5	3°21	2°25	28°38	13° 7	15°45	20°59	13°10	13°19	6°53	n.a.	S 4
M 5	16 40 48	8°10'12	3♌58	18°29	18°15	3°56	2°38	28°45	13°11	15°47	21° 0	13°10	13°16	7° 0	n.a.	M 5
T 6	16 44 45	9° 8'38	16°33	17°38	19°26	4°32	2°51	28°52	13°14	15°50	21° 1	13°11	13°13	7° 6	n.a.	T 6
W 7	16 48 42	10° 7'06	28°51	16°43	20°36	5° 7	3° 4	28°58	13°18	15°52	21° 2	13°11	13°10	7°13	n.a.	W 7
T 8	16 52 38	11° 5'36	10♍57	15°45	21°46	5°43	3°17	29° 5	13°21	15°54	21° 4	13°R11	13° 7	7°20	n.a.	T 8
F 9	16 56 35	12° 4'08	22°54	14°45	22°57	6°18	3°30	29°12	13°24	15°56	21° 5	13°11	13° 3	7°26	n.a.	F 9
S 10	17 0 31	13° 2'42	4♎46	13°45	24° 7	6°53	3°44	29°19	13°28	15°58	21° 6	13°D11	13° 0	7°33	n.a.	S 10
S 11	17 4 28	14° 1'18	16°39	12°44	25°17	7°28	3°57	29°26	13°31	16° 0	21° 7	13°11	12°57	7°40	n.a.	S 11
M12	17 8 24	14°59'55	28°37	11°46	26°27	8° 3	4°10	29°33	13°34	16° 2	21° 8	13°11	12°54	7°47	n.a.	M12
T 13	17 12 21	15°58'35	10♏43	10°51	27°37	8°38	4°23	29°40	13°38	16° 4	21°10	13°12	12°51	7°53	n.a.	T 13
W14	17 16 17	16°57'17	23° 0	10° 1	28°47	9°12	4°36	29°47	13°41	16° 6	21°11	13°12	12°47	8° 0	n.a.	W14
T 15	17 20 14	17°56'01	5♐30	9°16	29°57	9°47	4°49	29°54	13°44	16° 8	21°12	13°12	12°44	8° 7	n.a.	T 15
F 16	17 24 10	18°54'47	18°15	8°39	1♑ 6	10°21	5° 2	0♋ 1	13°47	16°10	21°14	13°R12	12°41	8°13	n.a.	F 16
S 17	17 28 7	19°53'36	1♑14	8°10	2°16	10°55	5°15	0° 9	13°50	16°12	21°15	13°12	12°38	8°20	n.a.	S 17
S 18	17 32 4	20°52'26	14°28	7°50	3°25	11°29	5°28	0°16	13°54	16°14	21°17	13°11	12°35	8°27	n.a.	S 18
M19	17 36 0	21°51'19	27°57	7°39	4°35	12° 3	5°41	0°23	13°57	16°15	21°18	13°10	12°32	8°34	n.a.	M19
T 20	17 39 57	22°50'15	11♒37	7°D37	5°44	12°37	5°54	0°30	14° 0	16°17	21°20	13° 9	12°28	8°40	n.a.	T 20
W21	17 43 53	23°49'13	25°29	7°46	6°53	13°11	6° 7	0°37	14° 3	16°19	21°21	13° 8	12°25	8°47	n.a.	W21
T 22	17 47 50	24°48'13	9♓29	8° 4	8° 2	13°45	6°19	0°44	14° 6	16°21	21°23	13° 7	12°22	8°54	n.a.	T 22
F 23	17 51 46	25°47'16	23°37	8°32	9°12	14°18	6°32	0°51	14° 9	16°23	21°24	13°D 7	12°19	9° 0	n.a.	F 23
S 24	17 55 43	26°46'22	7♈49	9° 8	10°20	14°51	6°45	0°58	14°12	16°25	21°26	13° 7	12°16	9° 7	n.a.	S 24
S 25	17 59 39	27°45'30	22° 5	9°54	11°29	15°24	6°58	1° 6	14°15	16°26	21°27	13° 8	12°13	9°14	n.a.	S 25
M26	18 3 36	28°44'41	6♉20	10°48	12°38	15°57	7°11	1°13	14°18	16°28	21°29	13° 9	12° 9	9°21	n.a.	M26
T 27	18 7 32	29°43'54	20°33	11°49	13°47	16°30	7°23	1°20	14°21	16°30	21°31	13°10	12° 6	9°27	n.a.	T 27
W28	18 11 29	0♋43'10	4♊39	12°58	14°55	17° 3	7°36	1°27	14°23	16°32	21°32	13°11	12° 3	9°34	n.a.	W28
T 29	18 15 25	1°42'29	18°36	14°12	16° 4	17°36	7°49	1°34	14°26	16°33	21°34	13°R11	12° 0	9°41	n.a.	T 29
F 30	18 19 22	2°41'50	2♋20	15°32	17°12	18° 8	8° 1	1°42	14°29	16°35	21°36	13°10	11°57	9°47	n.a.	F 30
S 31	18 23 19	3♋41'13	15♋48	16♊57	18♌20	18♈40	8♊14	1♋49	14♉32	16♉37	21♌38	13♊ 8	11♊53	9♎54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n36	22n17	0s18	20n 1	3s47	24n42	1n18	0s17	1s 0	21n37	0n32	25n22	1n15	16n 9	0s 1	16n16	0s45	29n39	15n42	23n 1	23n 4	1n39		n.a.
F 2	21 47	24 59	1n 0	19 52	3 55	24 32	1 16	0 2	1 0	21 40	0 32	25 22	1 15	16 10	0 1	16 17	0 45	29 39	15 41	23 1	23 3	1 36		n.a.
S 3	21 57	26 5	2 12	19 43	4 1	24 21	1 14	0n13	0 59	21 43	0 32	25 22	1 15	16 11	0 1	16 17	0 45	29 38	15 41	23 1	23 3	1 33		n.a.
S 4	22 7	25 37	3 15	19 35	4 5	24 10	1 11	0 29	0 59	21 46	0 32	25 22	1 15	16 13	0 1	16 18	0 45	29 37	15 40	23 1	23 2	1 30		n.a.
M 5	22 17	23 47	4 6	19 28	4 9	23 58	1 9	0 44	0 58	21 48	0 32	25 22	1 15	16 14	0 0	16 19	0 45	29 36	15 40	23 1	23 2	1 27		n.a.
T 6	22 27	20 48	4 43	19 22	4 10	23 45	1 6	0 58	0 57	21 51	0 33	25 22	1 16	16 15	0 0	16 19	0 45	29 35	15 39	23 1	23 2	1 24		n.a.
W 7	22 36	16 58	5 7	19 18	4 10	23 31	1 3	1 13	0 57	21 54	0 33	25 22	1 16	16 16	0 0	16 20	0 45	29 34	15 38	23 1	23 1	1 21		n.a.
T 8	22 44	12 31	5 17	19 14	4 7	23 17	1 0	1 28	0 56	21 57	0 33	25 22	1 16	16 17	0 0	16 20	0 45	29 33	15 38	23 1	23 1	1 18		n.a.
F 9	22 52	7 39	5 12	19 12	4 3	23 2	0 57	1 43	0 56	21 59	0 33	25 22	1 16	16 18	0 0	16 21	0 45	29 32	15 37	23 1	23 0	1 15		n.a.
S 10	23 0	2 32	4 55	19 11	3 57	22 47	0 54	1 58	0 55	22 2	0 33	25 22	1 16	16 19	0 0	16 22	0 45	29 31	15 37	23 1	23 0	1 12		n.a.
S 11	23 8	2s40	4 25	19 11	3 48	22 31	0 51	2 12	0 55	22 5	0 33	25 23	1 16	16 20	0 0	16 22	0 45	29 31	15 36	23 1	23 0	1 9		n.a.
M12	23 15	7 50	3 43	19 14	3 38	22 14	0 48	2 27	0 54	22 7	0 33	25 23	1 16	16 21	0 0	16 23	0 45	29 30	15 36	23 1	22 59	1 6		n.a.
T 13	23 21	12 46	2 51	19 18	3 26	21 57	0 45	2 42	0 54	22 10	0 33	25 23	1 16	16 22	0 0	16 23	0 45	29 29	15 35	23 1	22 59	1 3		n.a.
W14	23 27	17 17	1 50	19 24	3 13	21 39	0 41	2 56	0 53	22 12	0 34	25 23	1 16	16 23	0 0	16 24	0 45	29 28	15 35	23 2	22 58	1 0		n.a.
T 15	23 33	21 8	0 43	19 33	2 58	21 21	0 38	3 11	0 53	22 15	0 34	25 23	1 16	16 24	0 0	16 25	0 45	29 27	15 34	23 2	22 58	0 57		n.a.
F 16	23 38	24 3	0s28	19 43	2 41	21 2	0 34	3 25	0 52	22 18	0 34	25 23	1 16	16 25	0 0	16 25	0 45	29 26	15 34	23 2	22 58	0 54		n.a.
S 17	23 43	25 45	1 38	19 55	2 24	20 43	0 31	3 39	0 51	22 20	0 34	25 23	1 16	16 26	0 0	16 26	0 45	29 25	15 33	23 2	22 57	0 51		n.a.
S 18	23 47	26 2	2 45	20 9	2 7	20 23	0 27	3 54	0 51	22 23	0 34	25 23	1 16	16 27	0 0	16 26	0 45	29 24	15 33	23 1	22 57	0 48		n.a.
M19	23 51	24 48	3 43	20 25	1 49	20 2	0 23	4 8	0 50	22 25	0 34	25 23	1 16	16 28	0 0	16 27	0 45	29 23	15 32	23 1	22 56	0 45		n.a.
T 20	23 55	22 5	4 30	20 42	1 31	19 41	0 19	4 22	0 50	22 28	0 34	25 23	1 16	16 29	0 0	16 27	0 45	29 22	15 32	23 1	22 56	0 42		n.a.
W21	23 58	18 6	5 1	21 2	1 13	19 19	0 16	4 36	0 49	22 30	0 34	25 23	1 16	16 30	0 0	16 28	0 45	29 21	15 31	23 1	22 55	0 39		n.a.
T 22	24 0	13 5	5 16	21 22	0 55	18 57	0 12	4 50	0 48	22 33	0 35	25 23	1 16	16 31	0 0	16 28	0 45	29 20	15 31	23 1	22 55	0 35		n.a.
F 23	24 3	7 20	5 11	21 43	0 38	18 35	0 8	5 4	0 48	22 35	0 35	25 23	1 16	16 32	0 0	16 29	0 45	29 19	15 30	23 1	22 55	0 32		n.a.
S 24	24 4	1 11	4 47	22 6	0 21	18 12	0 4	5 18	0 47	22 37	0 35	25 23	1 16	16 33	0 0	16 30	0 45	29 18	15 30	23 1	22 54	0 29		n.a.
S 25	24 6	5n 2	4 6	22 28	0 6	17 49	0s 1	5 31	0 46	22 40	0 35	25 23	1 16	16 34	0 0	16 30	0 45	29 17	15 29	23 1	22 54	0 26		n.a.
M26	24 6	11 2	3 10	22 51	0n 9	17 25	0 5	5 45	0 46	22 42	0 35	25 23	1 16	16 34	0 0	16 31	0 45	29 16	15 29	23 1	22 53	0 23		n.a.
T 27	24 7	16 26	2 2	23 13	0 23	17 1	0 9	5 59	0 45	22 44	0 35	25 23	1 17	16 35	0 0	16 31	0 45	29 15	15 28	23 1	22 53	0 20		n.a.
W28	24 7	20 54	0 47	23 35	0 36	16 36	0 13	6 12	0 44	22 47	0 35	25 23	1 17	16 36	0 0	16 32	0 45	29 14	15 28	23 1	22 52	0 17		n.a.
T 29	24 6	24 6	0n30	23 56	0 48	16 11	0 18	6 26	0 44	22 49	0 36	25 23	1 17	16 37	0 0	16 32	0 45	29 13	15 28	23 1	22 52	0 14		n.a.
F 30	24 5	25 49	1 44	24 16	0 58	15 46	0 22	6 39	0 43	22 51	0 36	25 23	1 17	16 38	0 0	16 33	0 45	29 12	15 27	23 1	22 52	0 11		n.a.
S 31	24n 4	25n58	2n50	24n35	1n 8	15n20	0s27	6n52	0s42	22n53	0n36	25n23	1n17	16n39	0s 0	16n33	0s45	29n11	15n27	23n 1	22n51	0n 8		n.a.

Julian Day Number = 195589.5, Delta T = 32h19m51s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'52, Lahiri = -61°20'52 Julian Calendar 1 July 4178 BCE == Greg. Calendar 29 May 4178 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

AUGUST 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 27 15	4♋40'38	28♋59	18♊26	19♌28	19♈12	8♊26	1♋56	14♉34	16♉38	21♌40	13°R 5	11♊50	10♎ 1	n.a.	S 1
M 2	18 31 12	5°40'05	11♌51	19°59	20°36	19°44	8°39	2° 3	14°37	16°40	21°41	13♊ 2	11°47	10° 8	n.a.	M 2
T 3	18 35 8	6°39'35	24°26	21°35	21°44	20°16	8°51	2°10	14°40	16°42	21°43	12°58	11°44	10°14	n.a.	T 3
W 4	18 39 5	7°39'07	6♍45	23°13	22°51	20°47	9° 3	2°17	14°42	16°43	21°45	12°54	11°41	10°21	n.a.	W 4
T 5	18 43 1	8°38'40	18°50	24°53	23°59	21°19	9°16	2°25	14°45	16°45	21°47	12°52	11°38	10°28	n.a.	T 5
F 6	18 46 58	9°38'16	0♎47	26°35	25° 6	21°50	9°28	2°32	14°47	16°46	21°49	12°50	11°34	10°34	n.a.	F 6
S 7	18 50 54	10°37'53	12°39	28°18	26°13	22°21	9°40	2°39	14°50	16°48	21°51	12°D50	11°31	10°41	n.a.	S 7
S 8	18 54 51	11°37'33	24°32	0♋ 3	27°20	22°52	9°52	2°46	14°52	16°49	21°53	12°51	11°28	10°48	n.a.	S 8
M 9	18 58 47	12°37'15	6♏29	1°47	28°27	23°23	10° 5	2°53	14°55	16°51	21°55	12°52	11°25	10°54	n.a.	M 9
T 10	19 2 44	13°36'58	18°37	3°32	29°34	23°53	10°17	3° 0	14°57	16°52	21°57	12°54	11°22	11° 1	n.a.	T 10
W11	19 6 40	14°36'44	0♐59	5°18	0♍40	24°23	10°29	3° 7	14°59	16°53	21°59	12°55	11°19	11° 8	n.a.	W11
T 12	19 10 37	15°36'32	13°38	7° 3	1°47	24°53	10°41	3°14	15° 2	16°55	22° 1	12°R56	11°15	11°15	n.a.	T 12
F 13	19 14 33	16°36'22	26°37	8°49	2°53	25°23	10°52	3°21	15° 4	16°56	22° 3	12°55	11°12	11°21	n.a.	F 13
S 14	19 18 30	17°36'14	9♑57	10°34	3°59	25°53	11° 4	3°28	15° 6	16°57	22° 5	12°53	11° 9	11°28	n.a.	S 14
S 15	19 22 27	18°36'08	23°36	12°18	5° 5	26°23	11°16	3°35	15° 8	16°59	22° 7	12°48	11° 6	11°35	n.a.	S 15
M16	19 26 23	19°36'04	7♒32	14° 3	6°10	26°52	11°28	3°42	15°10	17° 0	22° 9	12°43	11° 3	11°41	n.a.	M16
T 17	19 30 20	20°36'03	21°42	15°47	7°15	27°21	11°39	3°49	15°12	17° 1	22°12	12°37	10°59	11°48	n.a.	T 17
W18	19 34 16	21°36'04	5♓59	17°30	8°20	27°50	11°51	3°56	15°14	17° 2	22°14	12°31	10°56	11°55	n.a.	W18
T 19	19 38 13	22°36'07	20°19	19°14	9°25	28°18	12° 2	4° 3	15°16	17° 4	22°16	12°26	10°53	12° 2	n.a.	T 19
F 20	19 42 9	23°36'13	4♈38	20°56	10°30	28°47	12°14	4°10	15°18	17° 5	22°18	12°22	10°50	12° 8	n.a.	F 20
S 21	19 46 6	24°36'21	18°52	22°38	11°34	29°15	12°25	4°17	15°20	17° 6	22°20	12°D21	10°47	12°15	n.a.	S 21
S 22	19 50 2	25°36'31	2♉59	24°19	12°39	29°43	12°36	4°24	15°22	17° 7	22°23	12°21	10°44	12°22	n.a.	S 22
M23	19 53 59	26°36'44	16°57	26° 0	13°43	0♉11	12°48	4°31	15°23	17° 8	22°25	12°22	10°40	12°28	n.a.	M23
T 24	19 57 55	27°36'59	0♊46	27°41	14°46	0°38	12°59	4°38	15°25	17° 9	22°27	12°23	10°37	12°35	n.a.	T 24
W25	20 1 52	28°37'17	14°26	29°20	15°50	1° 5	13°10	4°44	15°27	17°10	22°29	12°R24	10°34	12°42	n.a.	W25
T 26	20 5 48	29°37'37	27°56	1♌ 0	16°53	1°32	13°21	4°51	15°28	17°11	22°32	12°23	10°31	12°48	n.a.	T 26
F 27	20 9 45	0♌37'59	11♋16	2°38	17°56	1°59	13°32	4°58	15°30	17°12	22°34	12°19	10°28	12°55	n.a.	F 27
S 28	20 13 41	1°38'23	24°23	4°16	18°58	2°26	13°43	5° 5	15°31	17°13	22°36	12°13	10°25	13° 2	n.a.	S 28
S 29	20 17 38	2°38'50	7♌18	5°54	20° 1	2°52	13°53	5°11	15°33	17°13	22°39	12° 5	10°21	13° 9	n.a.	S 29
M30	20 21 35	3°39'18	20° 0	7°31	21° 3	3°18	14° 4	5°18	15°34	17°14	22°41	11°56	10°18	13°15	n.a.	M30
T 31	20 25 31	4♌39'48	2♍27	9♌ 8	22♍ 4	3♉43	14♊14	5♋24	15♉36	17♉15	22♌43	11♊45	10♊15	13♎22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 2	24n37	3n46	24n52	1n17	14n54	0s31	7n 5	0s41	22n55	0n36	25n23	1n17	16n40	0s 0	16n34	0s45	29n10	15n26	23n 1	22n51	0n 5		n.a.
M 2	23 59	22 0	4 29	25 8	1 25	14 28	0 36	7 18	0 41	22 58	0 36	25 23	1 17	16 40	0 0	16 34	0 45	29 9	15 26	23 0	22 50	0 2		n.a.
T 3	23 56	18 24	4 58	25 21	1 31	14 1	0 41	7 31	0 40	23 0	0 36	25 23	1 17	16 41	0 0	16 34	0 45	29 8	15 25	23 0	22 50	0s 1		n.a.
W 4	23 53	14 5	5 12	25 33	1 37	13 34	0 45	7 44	0 39	23 2	0 36	25 23	1 17	16 42	0 0	16 35	0 45	29 7	15 25	22 59	22 49	0 4		n.a.
T 5	23 49	9 17	5 12	25 42	1 42	13 7	0 50	7 57	0 38	23 4	0 37	25 23	1 17	16 43	0 0	16 35	0 45	29 5	15 25	22 59	22 49	0 8		n.a.
F 6	23 45	4 13	4 58	25 50	1 46	12 40	0 55	8 10	0 38	23 6	0 37	25 23	1 17	16 44	0 0	16 36	0 45	29 4	15 24	22 59	22 48	0 11		n.a.
S 7	23 40	0s58	4 32	25 55	1 49	12 12	1 0	8 22	0 37	23 8	0 37	25 23	1 17	16 44	0 0	16 36	0 45	29 3	15 24	22 59	22 48	0 14		n.a.
S 8	23 35	6 9	3 55	25 58	1 51	11 44	1 4	8 35	0 36	23 10	0 37	25 23	1 17	16 45	0 0	16 37	0 45	29 2	15 23	22 59	22 48	0 17		n.a.
M 9	23 30	11 8	3 6	25 59	1 53	11 16	1 9	8 47	0 35	23 12	0 37	25 23	1 18	16 46	0 0	16 37	0 45	29 1	15 23	22 59	22 47	0 20		n.a.
T 10	23 24	15 47	2 9	25 58	1 54	10 47	1 14	8 59	0 34	23 14	0 37	25 22	1 18	16 47	0 0	16 37	0 45	29 0	15 23	22 59	22 47	0 23		n.a.
W11	23 17	19 53	1 5	25 54	1 54	10 19	1 19	9 12	0 34	23 16	0 38	25 22	1 18	16 47	0 0	16 38	0 45	28 59	15 22	22 59	22 46	0 26		n.a.
T 12	23 10	23 9	0s 4	25 49	1 54	9 50	1 24	9 24	0 33	23 18	0 38	25 22	1 18	16 48	0 0	16 38	0 45	28 58	15 22	22 59	22 46	0 29		n.a.
F 13	23 3	25 18	1 14	25 41	1 53	9 21	1 29	9 36	0 32	23 20	0 38	25 22	1 18	16 49	0 0	16 39	0 45	28 57	15 22	22 59	22 45	0 32		n.a.
S 14	22 55	26 5	2 22	25 32	1 51	8 52	1 34	9 48	0 31	23 22	0 38	25 22	1 18	16 49	0 0	16 39	0 45	28 56	15 21	22 59	22 45	0 35		n.a.
S 15	22 47	25 19	3 23	25 21	1 49	8 23	1 39	9 59	0 30	23 24	0 38	25 22	1 18	16 50	0 0	16 39	0 45	28 55	15 21	22 58	22 44	0 38		n.a.
M16	22 38	22 59	4 14	25 8	1 47	7 53	1 44	10 11	0 29	23 26	0 38	25 22	1 18	16 51	0 0	16 40	0 45	28 54	15 21	22 58	22 44	0 41		n.a.
T 17	22 29	19 13	4 49	24 53	1 44	7 24	1 50	10 23	0 28	23 27	0 39	25 22	1 18	16 51	0 0	16 40	0 45	28 53	15 20	22 57	22 43	0 45		n.a.
W18	22 19	14 19	5 8	24 36	1 41	6 54	1 55	10 34	0 28	23 29	0 39	25 22	1 18	16 52	0 0	16 40	0 45	28 52	15 20	22 56	22 43	0 48		n.a.
T 19	22 9	8 37	5 7	24 18	1 38	6 25	2 0	10 46	0 27	23 31	0 39	25 22	1 19	16 52	0n 0	16 41	0 46	28 51	15 20	22 56	22 43	0 51		n.a.
F 20	21 59	2 28	4 47	23 59	1 34	5 55	2 5	10 57	0 26	23 33	0 39	25 21	1 19	16 53	0 0	16 41	0 46	28 50	15 19	22 55	22 42	0 54		n.a.
S 21	21 48	3n46	4 9	23 38	1 30	5 25	2 10	11 8	0 25	23 34	0 39	25 21	1 19	16 54	0 0	16 41	0 46	28 49	15 19	22 55	22 42	0 57		n.a.
S 22	21 37	9 47	3 17	23 16	1 26	4 56	2 15	11 19	0 24	23 36	0 39	25 21	1 19	16 54	0 0	16 42	0 46	28 48	15 19	22 55	22 41	1 0		n.a.
M23	21 25	15 15	2 13	22 52	1 21	4 26	2 20	11 30	0 23	23 38	0 40	25 21	1 19	16 55	0 0	16 42	0 46	28 46	15 19	22 55	22 41	1 3		n.a.
T 24	21 13	19 52	1 2	22 27	1 16	3 56	2 25	11 41	0 22	23 39	0 40	25 21	1 19	16 55	0 0	16 42	0 46	28 45	15 18	22 55	22 40	1 6		n.a.
W25	21 1	23 22	0n11	22 2	1 11	3 26	2 30	11 51	0 21	23 41	0 40	25 21	1 19	16 56	0 0	16 42	0 46	28 44	15 18	22 55	22 40	1 9		n.a.
T 26	20 48	25 29	1 23	21 34	1 6	2 57	2 36	12 2	0 20	23 43	0 40	25 21	1 19	16 56	0 0	16 43	0 46	28 43	15 18	22 55	22 39	1 12		n.a.
F 27	20 35	26 6	2 29	21 6	1 1	2 27	2 41	12 12	0 19	23 44	0 40	25 21	1 19	16 57	0 0	16 43	0 46	28 42	15 18	22 55	22 39	1 15		n.a.
S 28	20 21	25 13	3 26	20 37	0 55	1 57	2 46	12 23	0 18	23 46	0 41	25 20	1 20	16 57	0 0	16 43	0 46	28 41	15 17	22 54	22 38	1 19		n.a.
S 29	20 7	23 0	4 11	20 7	0 49	1 28	2 51	12 33	0 17	23 47	0 41	25 20	1 20	16 58	0 0	16 43	0 46	28 40	15 17	22 53	22 38	1 22		n.a.
M30	19 53	19 41	4 43	19 36	0 43	0 58	2 56	12 43	0 16	23 49	0 41	25 20	1 20	16 58	0 0	16 44	0 46	28 39	15 17	22 51	22 37	1 25		n.a.
T 31	19n38	15n33	5n 1	19n 5	0n37	0n28	3s 1	12n53	0s14	23n50	0n41	25n20	1n20	16n58	0n 0	16n44	0s46	28n38	15n17	22n50	22n37	1s28		n.a.

Julian Day Number = 195620.5, Delta T = 32h19m48s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'48, Lahiri = -61°20'47 Julian Calendar 1 Aug. 4178 BCE == Greg. Calendar 29 June 4178 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

SEPTEMBER 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 29 28	5♌40'19	14♍42	10♌44	23♍ 6	4♉ 8	14♊25	5♋31	15♉37	17♉16	22♌46	11°R35	10♊12	13♎29	n.a.	W 1
T 2	20 33 24	6°40'52	26°46	12°20	24° 7	4°33	14°35	5°37	15°38	17°16	22°48	11♊27	10° 9	13°35	n.a.	T 2
F 3	20 37 21	7°41'27	8♎41	13°55	25° 7	4°58	14°46	5°44	15°39	17°17	22°50	11°20	10° 5	13°42	n.a.	F 3
S 4	20 41 17	8°42'04	20°31	15°30	26° 8	5°23	14°56	5°50	15°41	17°18	22°53	11°16	10° 2	13°49	n.a.	S 4
S 5	20 45 14	9°42'42	2♏21	17° 4	27° 7	5°47	15° 6	5°57	15°42	17°18	22°55	11°14	9°59	13°56	n.a.	S 5
M 6	20 49 10	10°43'22	14°16	18°39	28° 7	6°10	15°16	6° 3	15°43	17°19	22°58	11°D14	9°56	14° 2	n.a.	M 6
T 7	20 53 7	11°44'03	26°21	20°12	29° 6	6°34	15°26	6° 9	15°44	17°20	23° 0	11°14	9°53	14° 9	n.a.	T 7
W 8	20 57 3	12°44'46	8♐41	21°46	0♎ 4	6°57	15°35	6°16	15°45	17°20	23° 2	11°R15	9°50	14°16	n.a.	W 8
T 9	21 1 0	13°45'30	21°22	23°19	1° 2	7°20	15°45	6°22	15°45	17°21	23° 5	11°14	9°46	14°22	n.a.	T 9
F 10	21 4 56	14°46'15	4♑26	24°51	2° 0	7°42	15°55	6°28	15°46	17°21	23° 7	11°12	9°43	14°29	n.a.	F 10
S 11	21 8 53	15°47'02	17°57	26°24	2°57	8° 4	16° 4	6°34	15°47	17°21	23°10	11° 7	9°40	14°36	n.a.	S 11
S 12	21 12 50	16°47'51	1♒54	27°56	3°54	8°26	16°13	6°40	15°48	17°22	23°12	10°59	9°37	14°42	n.a.	S 12
M13	21 16 46	17°48'41	16°14	29°27	4°50	8°47	16°23	6°46	15°48	17°22	23°15	10°50	9°34	14°49	n.a.	M13
T 14	21 20 43	18°49'33	0♓51	0♍59	5°45	9° 8	16°32	6°52	15°49	17°22	23°17	10°39	9°31	14°56	n.a.	T 14
W15	21 24 39	19°50'26	15°38	2°30	6°40	9°29	16°41	6°58	15°49	17°23	23°19	10°28	9°27	15° 3	n.a.	W15
T 16	21 28 36	20°51'20	0♈25	4° 1	7°35	9°49	16°50	7° 4	15°50	17°23	23°22	10°18	9°24	15° 9	n.a.	T 16
F 17	21 32 32	21°52'16	15° 6	5°31	8°28	10° 9	16°58	7° 9	15°50	17°23	23°24	10°11	9°21	15°16	n.a.	F 17
S 18	21 36 29	22°53'14	29°35	7° 1	9°22	10°28	17° 7	7°15	15°51	17°23	23°27	10° 7	9°18	15°23	n.a.	S 18
S 19	21 40 25	23°54'14	13♉47	8°31	10°14	10°47	17°16	7°21	15°51	17°24	23°29	10° 5	9°15	15°29	n.a.	S 19
M20	21 44 22	24°55'15	27°42	10° 0	11° 6	11° 5	17°24	7°26	15°51	17°24	23°32	10°D 5	9°11	15°36	n.a.	M20
T 21	21 48 18	25°56'19	11♊20	11°29	11°57	11°23	17°32	7°32	15°51	17°24	23°34	10°R 5	9° 8	15°43	n.a.	T 21
W22	21 52 15	26°57'23	24°43	12°57	12°47	11°41	17°40	7°38	15°52	17°24	23°37	10° 4	9° 5	15°49	n.a.	W22
T 23	21 56 12	27°58'30	7♋52	14°25	13°37	11°58	17°48	7°43	15°52	17°R24	23°39	10° 1	9° 2	15°56	n.a.	T 23
F 24	22 0 8	28°59'37	20°49	15°53	14°25	12°15	17°56	7°48	15°R52	17°24	23°41	9°56	8°59	16° 3	n.a.	F 24
S 25	22 4 5	0♍ 0'46	3♌36	17°20	15°13	12°31	18° 4	7°54	15°52	17°24	23°44	9°47	8°56	16° 9	n.a.	S 25
S 26	22 8 1	1° 1'56	16°12	18°46	16° 0	12°47	18°12	7°59	15°52	17°24	23°46	9°35	8°52	16°16	n.a.	S 26
M27	22 11 58	2° 3'08	28°38	20°11	16°46	13° 2	18°19	8° 4	15°51	17°23	23°49	9°21	8°49	16°23	n.a.	M27
T 28	22 15 54	3° 4'20	10♍54	21°35	17°31	13°17	18°26	8° 9	15°51	17°23	23°51	9° 6	8°46	16°30	n.a.	T 28
W29	22 19 51	4° 5'34	23° 1	22°59	18°15	13°31	18°34	8°14	15°51	17°23	23°54	8°52	8°43	16°36	n.a.	W29
T 30	22 23 48	5♍ 6'48	5♎ 0	24♍21	18♎58	13♉44	18♊41	8♋19	15♉51	17♉23	23♌56	8♊38	8♊40	16♎43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n23	10n51	5n 5	18n32	0n31	0s 1	3s 6	13n 3	0s13	23n52	0n41	25n20	1n20	16n59	0n 0	16n44	0s46	28n37	15n16	22n49	22n36	1s31		n.a.
T 2	19 8	5 48	4 55	17 59	0 25	0 30	3 11	13 13	0 12	23 53	0 42	25 20	1 20	16 59	0 0	16 44	0 46	28 36	15 16	22 47	22 36	1 34		n.a.
F 3	18 52	0 36	4 32	17 25	0 19	0 59	3 16	13 22	0 11	23 54	0 42	25 20	1 20	17 0	0 0	16 44	0 46	28 35	15 16	22 46	22 36	1 37		n.a.
S 4	18 36	4s35	3 57	16 50	0 13	1 28	3 20	13 32	0 10	23 56	0 42	25 19	1 20	17 0	0 0	16 45	0 46	28 34	15 16	22 46	22 35	1 40		n.a.
S 5	18 19	9 38	3 12	16 15	0 6	1 57	3 25	13 41	0 9	23 57	0 42	25 19	1 21	17 0	0 0	16 45	0 46	28 33	15 16	22 46	22 35	1 43		n.a.
M 6	18 2	14 22	2 19	15 40	0s 0	2 25	3 30	13 50	0 8	23 59	0 42	25 19	1 21	17 1	0 0	16 45	0 46	28 32	15 16	22 46	22 34	1 46		n.a.
T 7	17 45	18 37	1 19	15 3	0 7	2 54	3 35	13 59	0 6	24 0	0 43	25 19	1 21	17 1	0 0	16 45	0 46	28 31	15 15	22 46	22 34	1 50		n.a.
W 8	17 28	22 9	0 14	14 26	0 13	3 22	3 39	14 8	0 5	24 1	0 43	25 19	1 21	17 1	0 0	16 45	0 46	28 30	15 15	22 46	22 33	1 53		n.a.
T 9	17 10	24 43	0s54	13 49	0 20	3 50	3 44	14 17	0 4	24 2	0 43	25 19	1 21	17 1	0 0	16 45	0 46	28 29	15 15	22 46	22 33	1 56		n.a.
F 10	16 52	26 3	2 0	13 12	0 26	4 18	3 48	14 26	0 3	24 4	0 43	25 18	1 21	17 2	0 0	16 46	0 46	28 28	15 15	22 45	22 32	1 59		n.a.
S 11	16 33	25 53	3 2	12 34	0 33	4 45	3 53	14 34	0 1	24 5	0 43	25 18	1 22	17 2	0 0	16 46	0 46	28 27	15 15	22 45	22 32	2 2		n.a.
S 12	16 14	24 6	3 55	11 55	0 39	5 12	3 57	14 43	0n 0	24 6	0 44	25 18	1 22	17 2	0 0	16 46	0 46	28 26	15 15	22 43	22 31	2 5		n.a.
M13	15 55	20 46	4 35	11 17	0 46	5 39	4 2	14 51	0 1	24 7	0 44	25 18	1 22	17 2	0 0	16 46	0 46	28 25	15 15	22 42	22 31	2 8		n.a.
T 14	15 36	16 5	4 57	10 38	0 52	6 5	4 6	14 59	0 3	24 9	0 44	25 18	1 22	17 3	0 0	16 46	0 46	28 24	15 15	22 40	22 30	2 11		n.a.
W15	15 17	10 25	5 1	9 58	0 58	6 32	4 10	15 7	0 4	24 10	0 44	25 18	1 22	17 3	0 0	16 46	0 46	28 23	15 15	22 39	22 30	2 14		n.a.
T 16	14 57	4 9	4 44	9 19	1 5	6 57	4 14	15 15	0 5	24 11	0 45	25 17	1 22	17 3	0 0	16 46	0 46	28 22	15 14	22 37	22 29	2 18		n.a.
F 17	14 37	2n19	4 8	8 39	1 11	7 23	4 18	15 23	0 7	24 12	0 45	25 17	1 22	17 3	0 0	16 46	0 46	28 21	15 14	22 36	22 29	2 21		n.a.
S 18	14 16	8 34	3 17	8 0	1 17	7 48	4 22	15 31	0 8	24 13	0 45	25 17	1 23	17 3	0 0	16 46	0 46	28 20	15 14	22 36	22 28	2 24		n.a.
S 19	13 56	14 17	2 14	7 20	1 23	8 12	4 25	15 38	0 10	24 14	0 45	25 17	1 23	17 3	0 0	16 46	0 46	28 19	15 14	22 35	22 28	2 27		n.a.
M20	13 35	19 9	1 5	6 40	1 28	8 37	4 29	15 45	0 11	24 15	0 45	25 17	1 23	17 3	0 0	16 46	0 46	28 19	15 14	22 35	22 27	2 30		n.a.
T 21	13 14	22 53	0n 7	6 1	1 34	9 0	4 32	15 53	0 13	24 16	0 46	25 17	1 23	17 3	0 0	16 46	0 46	28 18	15 14	22 35	22 27	2 33		n.a.
W22	12 52	25 17	1 17	5 21	1 40	9 24	4 36	16 0	0 14	24 17	0 46	25 17	1 23	17 3	0 0	16 46	0 46	28 17	15 14	22 35	22 26	2 36		n.a.
T 23	12 31	26 13	2 21	4 42	1 45	9 47	4 39	16 6	0 16	24 18	0 46	25 16	1 23	17 3	0 0	16 46	0 46	28 16	15 14	22 35	22 26	2 39		n.a.
F 24	12 9	25 42	3 17	4 2	1 50	10 9	4 42	16 13	0 17	24 19	0 46	25 16	1 24	17 3	0 0	16 46	0 46	28 15	15 14	22 34	22 25	2 42		n.a.
S 25	11 47	23 49	4 3	3 23	1 55	10 31	4 45	16 20	0 19	24 20	0 47	25 16	1 24	17 3	0 0	16 46	0 46	28 14	15 14	22 33	22 25	2 46		n.a.
S 26	11 25	20 47	4 35	2 45	2 0	10 52	4 48	16 26	0 21	24 21	0 47	25 16	1 24	17 3	0 0	16 46	0 46	28 13	15 14	22 31	22 24	2 49		n.a.
M27	11 2	16 51	4 54	2 6	2 4	11 13	4 50	16 33	0 22	24 22	0 47	25 16	1 24	17 3	0 0	16 46	0 46	28 12	15 14	22 29	22 24	2 52		n.a.
T 28	10 40	12 16	4 59	1 29	2 8	11 33	4 53	16 39	0 24	24 23	0 47	25 16	1 24	17 3	0 0	16 46	0 46	28 12	15 14	22 26	22 23	2 55		n.a.
W29	10 17	7 16	4 50	0 52	2 12	11 52	4 55	16 45	0 26	24 24	0 48	25 15	1 25	17 3	0 0	16 46	0 46	28 11	15 14	22 24	22 23	2 58		n.a.
T 30	9n54	2n 3	4n29	0n15	2s15	12s11	4s57	16n51	0n27	24n25	0n48	25n15	1n25	17n 3	0n 1	16n46	0s46	28n10	15n14	22n22	22n22	3s 1		n.a.

Julian Day Number = 195651.5, Delta T = 32h19m44s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'44, Lahiri = -61°20'43 Julian Calendar 1 Sept. 4178 BCE == Greg. Calendar 30 July 4178 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

OCTOBER 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 27 44	6♍ 8'03	16♎52	25♍42	19♎40	13♉57	18♊47	8♋24	15°R50	17°R22	23♌58	8°R28	8♊36	16♎50	n.a.	F 1
S 2	22 31 41	7° 9'19	28°41	27° 1	20°21	14°10	18°54	8°29	15♉50	17♉22	24° 1	8♊20	8°33	16°56	n.a.	S 2
S 3	22 35 37	8°10'35	10♏29	28°18	21° 1	14°22	19° 1	8°33	15°49	17°22	24° 3	8°15	8°30	17° 3	n.a.	S 3
M 4	22 39 34	9°11'52	22°21	29°33	21°39	14°33	19° 7	8°38	15°49	17°21	24° 6	8°13	8°27	17°10	n.a.	M 4
T 5	22 43 30	10°13'10	4♐22	0♎45	22°17	14°44	19°14	8°43	15°48	17°21	24° 8	8°12	8°24	17°16	n.a.	T 5
W 6	22 47 27	11°14'28	16°37	1°55	22°52	14°54	19°20	8°47	15°48	17°21	24°10	8°12	8°21	17°23	n.a.	W 6
T 7	22 51 23	12°15'47	29°13	3° 2	23°27	15° 4	19°26	8°52	15°47	17°20	24°13	8°12	8°17	17°30	n.a.	T 7
F 8	22 55 20	13°17'06	12♑14	4° 4	24° 0	15°13	19°31	8°56	15°46	17°20	24°15	8° 9	8°14	17°37	n.a.	F 8
S 9	22 59 17	14°18'25	25°43	5° 2	24°31	15°21	19°37	9° 0	15°45	17°19	24°17	8° 4	8°11	17°43	n.a.	S 9
S 10	23 3 13	15°19'45	9♒43	5°55	25° 1	15°29	19°43	9° 4	15°45	17°18	24°20	7°56	8° 8	17°50	n.a.	S 10
M11	23 7 10	16°21'05	24°11	6°43	25°30	15°36	19°48	9° 9	15°44	17°18	24°22	7°46	8° 5	17°57	n.a.	M11
T 12	23 11 6	17°22'25	9♓ 3	7°23	25°56	15°42	19°53	9°13	15°43	17°17	24°24	7°34	8° 2	18° 3	n.a.	T 12
W13	23 15 3	18°23'46	24°10	7°57	26°21	15°47	19°58	9°16	15°42	17°17	24°27	7°22	7°58	18°10	n.a.	W13
T 14	23 18 59	19°25'07	9♈21	8°22	26°44	15°52	20° 3	9°20	15°41	17°16	24°29	7°12	7°55	18°17	n.a.	T 14
F 15	23 22 56	20°26'29	24°27	8°38	27° 5	15°57	20° 8	9°24	15°40	17°15	24°31	7° 4	7°52	18°23	n.a.	F 15
S 16	23 26 53	21°27'51	9♉17	8°R44	27°24	16° 0	20°12	9°28	15°38	17°14	24°33	6°59	7°49	18°30	n.a.	S 16
S 17	23 30 49	22°29'14	23°47	8°39	27°41	16° 3	20°17	9°31	15°37	17°14	24°36	6°56	7°46	18°37	n.a.	S 17
M18	23 34 46	23°30'37	7♊52	8°23	27°56	16° 5	20°21	9°35	15°36	17°13	24°38	6°D55	7°42	18°43	n.a.	M18
T 19	23 38 42	24°32'01	21°34	7°56	28° 9	16° 6	20°25	9°38	15°35	17°12	24°40	6°R56	7°39	18°50	n.a.	T 19
W20	23 42 39	25°33'26	4♋54	7°16	28°20	16°R 7	20°29	9°42	15°33	17°11	24°42	6°55	7°36	18°57	n.a.	W20
T 21	23 46 35	26°34'51	17°54	6°26	28°28	16° 7	20°32	9°45	15°32	17°10	24°44	6°53	7°33	19° 4	n.a.	T 21
F 22	23 50 32	27°36'16	0♌38	5°25	28°34	16° 6	20°36	9°48	15°30	17° 9	24°47	6°49	7°30	19°10	n.a.	F 22
S 23	23 54 29	28°37'41	13° 9	4°16	28°38	16° 4	20°39	9°51	15°29	17° 8	24°49	6°41	7°27	19°17	n.a.	S 23
S 24	23 58 25	29°39'07	25°30	3° 0	28°R39	16° 1	20°42	9°54	15°27	17° 7	24°51	6°31	7°23	19°24	n.a.	S 24
M25	0 2 22	0♎40'32	7♍41	1°39	28°38	15°58	20°45	9°57	15°26	17° 6	24°53	6°19	7°20	19°30	n.a.	M25
T 26	0 6 18	1°41'58	19°46	0°18	28°34	15°54	20°48	10° 0	15°24	17° 5	24°55	6° 6	7°17	19°37	n.a.	T 26
W27	0 10 15	2°43'23	1♎44	28♍57	28°28	15°49	20°50	10° 2	15°22	17° 4	24°57	5°53	7°14	19°44	n.a.	W27
T 28	0 14 11	3°44'49	13°38	27°40	28°20	15°43	20°52	10° 5	15°21	17° 3	24°59	5°41	7°11	19°50	n.a.	T 28
F 29	0 18 8	4°46'14	25°27	26°29	28° 9	15°36	20°55	10° 7	15°19	17° 2	25° 1	5°31	7° 8	19°57	n.a.	F 29
S 30	0 22 5	5°47'38	7♏16	25°26	27°55	15°29	20°56	10°10	15°17	17° 1	25° 3	5°25	7° 4	20° 4	n.a.	S 30
S 31	0 26 1	6♎49'03	19♏ 5	24♍33	27♎39	15♉21	20♊58	10♋12	15♉15	16♉59	25♌ 5	5♊21	7♊ 1	20♎10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n31	3s12	3n56	0s20	2s18	12s29	4s59	16n56	0n29	24n26	0n48	25n15	1n25	17n 3	0n 1	16n46	0s46	28n 9	15n14	22n20	22n22	3s 4		n.a.
S 2	9 8	8 19	3 12	0 55	2 20	12 47	5 0	17 2	0 31	24 26	0 48	25 15	1 25	17 3	0 1	16 46	0 46	28 8	15 14	22 19	22 21	3 7		n.a.
S 3	8 44	13 9	2 21	1 28	2 22	13 4	5 2	17 7	0 33	24 27	0 49	25 15	1 25	17 3	0 1	16 45	0 46	28 7	15 15	22 18	22 21	3 11		n.a.
M 4	8 21	17 32	1 23	2 0	2 23	13 20	5 3	17 12	0 35	24 28	0 49	25 15	1 25	17 3	0 1	16 45	0 46	28 7	15 15	22 18	22 20	3 14		n.a.
T 5	7 57	21 17	0 20	2 30	2 24	13 35	5 4	17 17	0 36	24 29	0 49	25 15	1 26	17 3	0 1	16 45	0 46	28 6	15 15	22 18	22 20	3 17		n.a.
W 6	7 33	24 9	0s44	2 59	2 24	13 50	5 5	17 22	0 38	24 30	0 49	25 15	1 26	17 2	0 1	16 45	0 46	28 5	15 15	22 18	22 19	3 20		n.a.
T 7	7 9	25 56	1 49	3 25	2 23	14 3	5 5	17 27	0 40	24 30	0 50	25 14	1 26	17 2	0 1	16 45	0 46	28 4	15 15	22 18	22 19	3 23		n.a.
F 8	6 45	26 21	2 49	3 49	2 22	14 16	5 5	17 32	0 42	24 31	0 50	25 14	1 26	17 2	0 1	16 45	0 46	28 4	15 15	22 17	22 18	3 26		n.a.
S 9	6 21	25 15	3 43	4 10	2 19	14 28	5 5	17 36	0 44	24 32	0 50	25 14	1 26	17 2	0 1	16 45	0 46	28 3	15 15	22 16	22 18	3 29		n.a.
S 10	5 56	22 34	4 25	4 29	2 16	14 39	5 5	17 40	0 46	24 33	0 50	25 14	1 27	17 2	0 1	16 44	0 46	28 2	15 15	22 15	22 17	3 32		n.a.
M11	5 32	18 24	4 52	4 44	2 11	14 49	5 4	17 44	0 48	24 33	0 51	25 14	1 27	17 1	0 1	16 44	0 46	28 1	15 15	22 13	22 16	3 35		n.a.
T 12	5 7	13 1	5 0	4 55	2 5	14 58	5 3	17 48	0 50	24 34	0 51	25 14	1 27	17 1	0 1	16 44	0 46	28 1	15 16	22 11	22 16	3 39		n.a.
W13	4 43	6 46	4 48	5 2	1 58	15 7	5 2	17 52	0 52	24 35	0 51	25 14	1 27	17 1	0 1	16 44	0 46	28 0	15 16	22 9	22 15	3 42		n.a.
T 14	4 18	0 5	4 15	5 4	1 49	15 14	5 0	17 55	0 54	24 35	0 52	25 14	1 27	17 0	0 1	16 44	0 46	27 59	15 16	22 8	22 15	3 45		n.a.
F 15	3 53	6n35	3 24	5 2	1 39	15 20	4 58	17 59	0 57	24 36	0 52	25 14	1 28	17 0	0 1	16 43	0 46	27 59	15 16	22 6	22 14	3 48		n.a.
S 16	3 29	12 47	2 21	4 54	1 28	15 24	4 55	18 2	0 59	24 37	0 52	25 14	1 28	17 0	0 1	16 43	0 46	27 58	15 16	22 5	22 14	3 51		n.a.
S 17	3 4	18 8	1 9	4 40	1 14	15 28	4 52	18 5	1 1	24 37	0 52	25 14	1 28	16 59	0 1	16 43	0 46	27 57	15 16	22 5	22 13	3 54		n.a.
M18	2 39	22 19	0n 5	4 20	1 0	15 31	4 49	18 7	1 3	24 38	0 53	25 14	1 28	16 59	0 1	16 43	0 46	27 57	15 17	22 5	22 13	3 57		n.a.
T 19	2 14	25 7	1 17	3 53	0 43	15 32	4 45	18 10	1 6	24 38	0 53	25 14	1 29	16 59	0 1	16 42	0 46	27 56	15 17	22 5	22 12	4 0		n.a.
W20	1 49	26 24	2 23	3 21	0 26	15 32	4 41	18 12	1 8	24 39	0 53	25 14	1 29	16 58	0 1	16 42	0 46	27 56	15 17	22 5	22 12	4 4		n.a.
T 21	1 24	26 10	3 19	2 43	0 7	15 31	4 36	18 15	1 10	24 39	0 54	25 13	1 29	16 58	0 1	16 42	0 46	27 55	15 17	22 4	22 11	4 7		n.a.
F 22	0 59	24 33	4 5	2 1	0n13	15 28	4 31	18 16	1 12	24 40	0 54	25 13	1 29	16 57	0 1	16 42	0 46	27 54	15 17	22 4	22 11	4 10		n.a.
S 23	0 34	21 45	4 37	1 14	0 34	15 24	4 26	18 18	1 15	24 41	0 54	25 13	1 29	16 57	0 1	16 41	0 46	27 54	15 18	22 2	22 10	4 13		n.a.
S 24	0 9	18 1	4 56	0 24	0 54	15 19	4 19	18 20	1 17	24 41	0 54	25 13	1 30	16 57	0 1	16 41	0 46	27 53	15 18	22 1	22 10	4 16		n.a.
M25	0s17	13 34	5 2	0n27	1 14	15 12	4 13	18 21	1 20	24 42	0 55	25 13	1 30	16 56	0 1	16 41	0 46	27 53	15 18	21 58	22 9	4 19		n.a.
T 26	0 42	8 38	4 54	1 18	1 33	15 4	4 5	18 22	1 22	24 42	0 55	25 13	1 30	16 56	0 1	16 40	0 46	27 52	15 18	21 56	22 8	4 22		n.a.
W27	1 7	3 26	4 32	2 7	1 51	14 55	3 58	18 23	1 25	24 42	0 55	25 13	1 30	16 55	0 1	16 40	0 46	27 52	15 19	21 54	22 8	4 25		n.a.
T 28	1 32	1s52	3 59	2 53	2 7	14 44	3 49	18 24	1 27	24 43	0 56	25 13	1 30	16 55	0 1	16 40	0 46	27 51	15 19	21 52	22 7	4 29		n.a.
F 29	1 57	7 5	3 16	3 34	2 21	14 31	3 40	18 24	1 30	24 43	0 56	25 13	1 31	16 54	0 1	16 39	0 46	27 51	15 19	21 50	22 7	4 32		n.a.
S 30	2 22	12 4	2 24	4 11	2 32	14 17	3 31	18 24	1 32	24 44	0 56	25 14	1 31	16 54	0 1	16 39	0 46	27 50	15 20	21 49	22 6	4 35		n.a.
S 31	2s47	16s37	1n26	4n42	2n42	14s 2	3s21	18n24	1n35	24n44	0n56	25n14	1n31	16n53	0n 1	16n39	0s46	27n50	15n20	21n48	22n 6	4s38		n.a.

Julian Day Number = 195681.5, Delta T = 32h19m41s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'40, Lahiri = -61°20'39 Julian Calendar 1 Oct. 4178 BCE == Greg. Calendar 29 Aug. 4178 BCE

The year -4177 astronomical counting style corresponds to year 4178 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

NOVEMBER 4178 BCE (-4177) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 29 58	7♎50'26	0♐58	23°R48	27°R20	15°R12	21♊ 0	10♋14	15°R13	16°R58	25♌ 7	5°D19	6♊58	20♎17	n.a.	M 1
T 2	0 33 54	8°51'49	12°59	23♍15	26♎59	15♉ 2	21° 1	10°16	15♉12	16♉57	25° 9	5♊19	6°55	20°24	n.a.	T 2
W 3	0 37 51	9°53'12	25°13	22°51	26°36	14°51	21° 2	10°18	15°10	16°56	25°11	5°20	6°52	20°30	n.a.	W 3
T 4	0 41 47	10°54'34	7♑44	22°37	26°10	14°40	21° 3	10°20	15° 8	16°54	25°13	5°R21	6°48	20°37	n.a.	T 4
F 5	0 45 44	11°55'55	20°38	22°D33	25°43	14°27	21° 4	10°22	15° 6	16°53	25°15	5°20	6°45	20°44	n.a.	F 5
S 6	0 49 41	12°57'15	3♒58	22°38	25°13	14°14	21° 5	10°24	15° 3	16°52	25°16	5°18	6°42	20°51	n.a.	S 6
S 7	0 53 37	13°58'34	17°48	22°51	24°42	14° 1	21° 5	10°25	15° 1	16°51	25°18	5°14	6°39	20°57	n.a.	S 7
M 8	0 57 34	14°59'52	2♓ 9	23°11	24° 9	13°46	21° 5	10°27	14°59	16°49	25°20	5° 7	6°36	21° 4	n.a.	M 8
T 9	1 1 30	16° 1'09	16°56	23°38	23°35	13°31	21°R 5	10°28	14°57	16°48	25°22	5° 0	6°33	21°11	n.a.	T 9
W10	1 5 27	17° 2'26	2♈ 3	24°12	23° 0	13°15	21° 5	10°29	14°55	16°46	25°23	4°52	6°29	21°17	n.a.	W10
T 11	1 9 23	18° 3'41	17°22	24°51	22°24	12°58	21° 5	10°30	14°53	16°45	25°25	4°45	6°26	21°24	n.a.	T 11
F 12	1 13 20	19° 4'56	2♉40	25°35	21°47	12°41	21° 4	10°31	14°50	16°44	25°27	4°39	6°23	21°31	n.a.	F 12
S 13	1 17 17	20° 6'10	17°47	26°23	21°10	12°23	21° 4	10°32	14°48	16°42	25°28	4°36	6°20	21°37	n.a.	S 13
S 14	1 21 13	21° 7'23	2♊35	27°16	20°33	12° 4	21° 3	10°33	14°46	16°41	25°30	4°D35	6°17	21°44	n.a.	S 14
M15	1 25 10	22° 8'36	16°57	28°12	19°56	11°45	21° 2	10°34	14°44	16°39	25°32	4°35	6°13	21°51	n.a.	M15
T 16	1 29 6	23° 9'48	0♋53	29°11	19°19	11°25	21° 0	10°35	14°41	16°38	25°33	4°37	6°10	21°57	n.a.	T 16
W17	1 33 3	24°10'59	14°21	0♎14	18°43	11° 4	20°59	10°35	14°39	16°36	25°35	4°38	6° 7	22° 4	n.a.	W17
T 18	1 37 0	25°12'09	27°25	1°19	18° 8	10°43	20°57	10°36	14°36	16°35	25°36	4°R39	6° 4	22°11	n.a.	T 18
F 19	1 40 56	26°13'19	10♌ 8	2°26	17°34	10°22	20°55	10°36	14°34	16°33	25°38	4°37	6° 1	22°17	n.a.	F 19
S 20	1 44 53	27°14'28	22°33	3°36	17° 1	10° 0	20°53	10°36	14°32	16°31	25°39	4°35	5°58	22°24	n.a.	S 20
S 21	1 48 49	28°15'35	4♍46	4°47	16°30	9°38	20°51	10°36	14°29	16°30	25°41	4°30	5°54	22°31	n.a.	S 21
M22	1 52 46	29°16'42	16°49	6° 1	16° 1	9°15	20°48	10°R36	14°27	16°28	25°42	4°24	5°51	22°37	n.a.	M22
T 23	1 56 42	0♏17'48	28°45	7°16	15°34	8°52	20°46	10°36	14°24	16°27	25°43	4°17	5°48	22°44	n.a.	T 23
W24	2 0 39	1°18'52	10♎36	8°32	15° 9	8°29	20°43	10°36	14°22	16°25	25°45	4°11	5°45	22°51	n.a.	W24
T 25	2 4 36	2°19'56	22°26	9°50	14°46	8° 5	20°40	10°36	14°19	16°23	25°46	4° 5	5°42	22°58	n.a.	T 25
F 26	2 8 32	3°20'58	4♏15	11° 9	14°25	7°41	20°36	10°35	14°16	16°22	25°47	4° 0	5°39	23° 4	n.a.	F 26
S 27	2 12 29	4°21'59	16° 6	12°29	14° 7	7°17	20°33	10°35	14°14	16°20	25°48	3°57	5°35	23°11	n.a.	S 27
S 28	2 16 25	5°22'58	28° 1	13°51	13°51	6°53	20°29	10°34	14°11	16°19	25°50	3°56	5°32	23°18	n.a.	S 28
M29	2 20 22	6°23'56	10♐ 1	15°14	13°37	6°29	20°26	10°33	14° 9	16°17	25°51	3°D56	5°29	23°24	n.a.	M29
T 30	2 24 18	7♏24'52	22♐ 9	16♎37	13♎26	6♉ 5	20♊22	10♋33	14♉ 6	16♉15	25♌52	3♊57	5♊26	23♎31	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3 s12	20 s33	0n23	5n 7	2n50	13 s45	3 s10	18n24	1n37	24n45	0n57	25n14	1n31	16n53	0n 1	16n38	0 s46	27n49	15n20	21n48	22n 5	4 s41		n.a.
T 2	3 37	23 41	0 s41	5 26	2 56	13 27	2 59	18 23	1 40	24 45	0 57	25 14	1 32	16 52	0 1	16 38	0 46	27 49	15 20	21 48	22 5	4 44		n.a.
W 3	4 1	25 46	1 45	5 39	2 59	13 7	2 47	18 22	1 42	24 45	0 57	25 14	1 32	16 51	0 1	16 38	0 46	27 49	15 21	21 48	22 4	4 47		n.a.
T 4	4 26	26 38	2 45	5 46	3 2	12 46	2 35	18 21	1 45	24 46	0 58	25 14	1 32	16 51	0 1	16 37	0 46	27 48	15 21	21 48	22 4	4 51		n.a.
F 5	4 51	26 5	3 39	5 49	3 2	12 24	2 22	18 20	1 47	24 46	0 58	25 14	1 32	16 50	0 1	16 37	0 46	27 48	15 21	21 48	22 3	4 54		n.a.
S 6	5 15	24 3	4 23	5 46	3 1	12 1	2 9	18 19	1 50	24 47	0 58	25 14	1 33	16 50	0 1	16 37	0 46	27 47	15 22	21 47	22 2	4 57		n.a.
S 7	5 40	20 34	4 53	5 39	3 0	11 36	1 55	18 17	1 53	24 47	0 59	25 14	1 33	16 49	0 1	16 36	0 46	27 47	15 22	21 47	22 2	5 0		n.a.
M 8	6 4	15 45	5 7	5 28	2 57	11 11	1 41	18 15	1 55	24 47	0 59	25 14	1 33	16 48	0 1	16 36	0 46	27 47	15 22	21 45	22 1	5 3		n.a.
T 9	6 28	9 53	5 1	5 14	2 53	10 44	1 26	18 12	1 58	24 47	0 59	25 14	1 33	16 48	0 1	16 35	0 46	27 46	15 23	21 44	22 1	5 6		n.a.
W10	6 53	3 19	4 34	4 56	2 48	10 17	1 12	18 10	2 0	24 48	0 59	25 14	1 33	16 47	0 1	16 35	0 46	27 46	15 23	21 43	22 0	5 9		n.a.
T 11	7 17	3n31	3 47	4 35	2 43	9 50	0 57	18 7	2 3	24 48	1 0	25 15	1 34	16 46	0 1	16 35	0 46	27 46	15 23	21 41	22 0	5 12		n.a.
F 12	7 41	10 11	2 44	4 12	2 38	9 22	0 41	18 4	2 6	24 48	1 0	25 15	1 34	16 46	0 1	16 34	0 46	27 46	15 24	21 40	21 59	5 16		n.a.
S 13	8 4	16 11	1 30	3 47	2 31	8 53	0 26	18 1	2 8	24 49	1 0	25 15	1 34	16 45	0 1	16 34	0 46	27 45	15 24	21 40	21 59	5 19		n.a.
S 14	8 28	21 5	0 11	3 19	2 25	8 25	0 11	17 57	2 11	24 49	1 1	25 15	1 34	16 44	0 1	16 33	0 46	27 45	15 25	21 39	21 58	5 22		n.a.
M15	8 51	24 34	1n 7	2 50	2 18	7 56	0n 5	17 53	2 13	24 49	1 1	25 15	1 35	16 44	0 1	16 33	0 46	27 45	15 25	21 39	21 57	5 25		n.a.
T 16	9 15	26 25	2 18	2 19	2 11	7 28	0 20	17 49	2 16	24 49	1 1	25 15	1 35	16 43	0 1	16 32	0 46	27 45	15 25	21 40	21 57	5 28		n.a.
W17	9 38	26 37	3 19	1 47	2 4	7 0	0 35	17 45	2 18	24 49	1 2	25 16	1 35	16 42	0 1	16 32	0 46	27 44	15 26	21 40	21 56	5 31		n.a.
T 18	10 1	25 19	4 8	1 14	1 56	6 32	0 50	17 41	2 21	24 50	1 2	25 16	1 35	16 42	0 1	16 32	0 46	27 44	15 26	21 40	21 56	5 34		n.a.
F 19	10 24	22 44	4 43	0 39	1 48	6 6	1 4	17 36	2 23	24 50	1 2	25 16	1 36	16 41	0 1	16 31	0 46	27 44	15 27	21 40	21 55	5 37		n.a.
S 20	10 47	19 9	5 4	0 4	1 41	5 40	1 19	17 31	2 25	24 50	1 3	25 16	1 36	16 40	0 1	16 31	0 46	27 44	15 27	21 39	21 55	5 41		n.a.
S 21	11 9	14 49	5 11	0 s33	1 33	5 15	1 33	17 26	2 28	24 50	1 3	25 16	1 36	16 39	0 1	16 30	0 46	27 44	15 27	21 38	21 54	5 44		n.a.
M22	11 32	9 59	5 4	1 10	1 25	4 51	1 46	17 20	2 30	24 50	1 3	25 17	1 36	16 39	0 1	16 30	0 46	27 44	15 28	21 37	21 53	5 47		n.a.
T 23	11 54	4 49	4 43	1 47	1 17	4 28	1 59	17 15	2 32	24 50	1 3	25 17	1 37	16 38	0 1	16 29	0 46	27 44	15 28	21 36	21 53	5 50		n.a.
W24	12 16	0 s29	4 11	2 25	1 9	4 6	2 12	17 9	2 34	24 50	1 4	25 17	1 37	16 37	0 1	16 29	0 46	27 43	15 29	21 35	21 52	5 53		n.a.
T 25	12 37	5 46	3 28	3 4	1 1	3 46	2 24	17 3	2 36	24 50	1 4	25 17	1 37	16 36	0 1	16 28	0 46	27 43	15 29	21 34	21 52	5 56		n.a.
F 26	12 59	10 52	2 35	3 43	0 53	3 27	2 36	16 57	2 38	24 51	1 4	25 18	1 37	16 36	0 1	16 28	0 46	27 43	15 29	21 33	21 51	5 59		n.a.
S 27	13 20	15 36	1 36	4 23	0 45	3 10	2 47	16 51	2 40	24 51	1 5	25 18	1 37	16 35	0 1	16 27	0 46	27 43	15 30	21 32	21 51	6 2		n.a.
S 28	13 41	19 45	0 32	5 2	0 38	2 54	2 57	16 45	2 42	24 51	1 5	25 18	1 38	16 34	0 1	16 27	0 46	27 43	15 30	21 32	21 50	6 6		n.a.
M29	14 2	23 8	0 s33	5 42	0 30	2 39	3 7	16 38	2 44	24 51	1 5	25 19	1 38	16 33	0 1	16 26	0 46	27 43	15 31	21 32	21 49	6 9		n.a.
T 30	14 s22	25 s31	1 s39	6 s22	0n22	2 s26	3n17	16n32	2n46	24n51	1n 5	25n19	1n38	16n32	0n 1	16n26	0 s46	27n43	15n31	21n32	21n49	6 s12		n.a.

Julian Day Number = 195712.5, Delta T = 32h19m38s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'36, Lahiri = -61°20'35 Julian Calendar 1 Nov. 4178 BCE == Greg. Calendar 29 Sept. 4178 BCE

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ASTRODIENST EPHEMERIS for the year 4178 BCE
geocentric

DECEMBER 4178 BCE (-4177) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 28 15	8♏25'46	4♑29	18♎ 2	13°R18	5°R41	20°R18	10°R32	14°R 4	16°R14	25♌53	3♊58	5♊23	23♎38	n.a.	W 1
T 2	2 32 12	9°26'39	17° 4	19°27	13♎12	5♉17	20♊13	10♋31	14♉ 1	16♉12	25°54	4° 0	5°19	23°44	n.a.	T 2
F 3	2 36 8	10°27'30	29°57	20°54	13° 8	4°53	20° 9	10°30	13°58	16°10	25°55	4° 1	5°16	23°51	n.a.	F 3
S 4	2 40 5	11°28'19	13♒12	22°21	13°D 7	4°30	20° 4	10°28	13°56	16° 9	25°56	4°R 2	5°13	23°58	n.a.	S 4
S 5	2 44 1	12°29'06	26°51	23°50	13° 8	4° 7	19°59	10°27	13°53	16° 7	25°57	4° 1	5°10	24° 4	n.a.	S 5
M 6	2 47 58	13°29'51	10♓56	25°19	13°12	3°43	19°54	10°26	13°50	16° 5	25°58	3°59	5° 7	24°11	n.a.	M 6
T 7	2 51 54	14°30'34	25°26	26°49	13°18	3°21	19°49	10°24	13°48	16° 3	25°59	3°57	5° 4	24°18	n.a.	T 7
W 8	2 55 51	15°31'15	10♈16	28°20	13°27	2°58	19°44	10°22	13°45	16° 2	26° 0	3°55	5° 0	24°24	n.a.	W 8
T 9	2 59 48	16°31'54	25°21	29°51	13°37	2°36	19°39	10°21	13°43	16° 0	26° 0	3°52	4°57	24°31	n.a.	T 9
F 10	3 3 44	17°32'32	10♉32	1♏24	13°50	2°15	19°33	10°19	13°40	15°58	26° 1	3°51	4°54	24°38	n.a.	F 10
S 11	3 7 41	18°33'07	25°38	2°57	14° 5	1°53	19°27	10°17	13°37	15°57	26° 2	3°50	4°51	24°44	n.a.	S 11
S 12	3 11 37	19°33'41	10♊32	4°31	14°22	1°33	19°22	10°15	13°35	15°55	26° 3	3°D50	4°48	24°51	n.a.	S 12
M13	3 15 34	20°34'13	25° 4	6° 6	14°41	1°13	19°16	10°13	13°32	15°53	26° 3	3°50	4°45	24°58	n.a.	M13
T 14	3 19 30	21°34'44	9♋12	7°42	15° 2	0°53	19°10	10°11	13°30	15°52	26° 4	3°51	4°41	25° 4	n.a.	T 14
W15	3 23 27	22°35'12	22°52	9°19	15°25	0°34	19° 3	10° 9	13°27	15°50	26° 5	3°52	4°38	25°11	n.a.	W15
T 16	3 27 24	23°35'40	6♌ 5	10°56	15°50	0°16	18°57	10° 6	13°24	15°48	26° 5	3°53	4°35	25°18	n.a.	T 16
F 17	3 31 20	24°36'05	18°55	12°35	16°16	29♈58	18°50	10° 4	13°22	15°47	26° 6	3°54	4°32	25°25	n.a.	F 17
S 18	3 35 17	25°36'29	1♍23	14°14	16°44	29°41	18°44	10° 1	13°19	15°45	26° 6	3°R54	4°29	25°31	n.a.	S 18
S 19	3 39 13	26°36'50	13°36	15°55	17°14	29°25	18°37	9°59	13°17	15°43	26° 7	3°53	4°25	25°38	n.a.	S 19
M20	3 43 10	27°37'11	25°36	17°36	17°45	29° 9	18°30	9°56	13°14	15°42	26° 7	3°53	4°22	25°45	n.a.	M20
T 21	3 47 6	28°37'29	7♎28	19°18	18°18	28°54	18°23	9°53	13°12	15°40	26° 7	3°52	4°19	25°51	n.a.	T 21
W22	3 51 3	29°37'45	19°17	21° 1	18°52	28°40	18°16	9°50	13° 9	15°38	26° 8	3°51	4°16	25°58	n.a.	W22
T 23	3 54 59	0♐38'00	1♏ 6	22°45	19°27	28°26	18° 9	9°47	13° 7	15°37	26° 8	3°51	4°13	26° 5	n.a.	T 23
F 24	3 58 56	1°38'13	12°57	24°31	20° 4	28°14	18° 2	9°44	13° 4	15°35	26° 8	3°50	4°10	26°11	n.a.	F 24
S 25	4 2 53	2°38'23	24°53	26°17	20°42	28° 2	17°55	9°41	13° 2	15°34	26° 9	3°50	4° 6	26°18	n.a.	S 25
S 26	4 6 49	3°38'32	6♐57	28° 4	21°21	27°51	17°48	9°38	13° 0	15°32	26° 9	3°50	4° 3	26°25	n.a.	S 26
M27	4 10 46	4°38'39	19°10	29°52	22° 1	27°40	17°40	9°35	12°57	15°30	26° 9	3°50	4° 0	26°31	n.a.	M27
T 28	4 14 42	5°38'43	1♑33	1♐41	22°43	27°31	17°33	9°31	12°55	15°29	26° 9	3°50	3°57	26°38	n.a.	T 28
W29	4 18 39	6°38'45	14° 8	3°31	23°25	27°22	17°25	9°28	12°52	15°27	26° 9	3°50	3°54	26°45	n.a.	W29
T 30	4 22 35	7°38'45	26°56	5°23	24° 9	27°14	17°18	9°24	12°50	15°26	26° 9	3°49	3°51	26°51	n.a.	T 30
F 31	4 26 32	8♐38'42	10♒ 0	7♐15	24♎53	27♈ 7	17♊10	9♋21	12♉48	15♉24	26°R 9	3♊49	3♊47	26♎58	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s43	26s42	2s40	7s 3	0n15	2s15	3n26	16n25	2n48	24n51	1n 6	25n19	1n38	16n32	0n 1	16n25	0s46	27n43	15n32	21n32	21n48	6s15		n.a.
T 2	15 3	26 33	3 36	7 43	0 7	2 5	3 34	16 18	2 49	24 51	1 6	25 20	1 39	16 31	0 1	16 25	0 46	27 43	15 32	21 33	21 48	6 18		n.a.
F 3	15 22	24 59	4 21	8 23	0s 0	1 56	3 42	16 11	2 51	24 50	1 6	25 20	1 39	16 30	0 1	16 24	0 46	27 43	15 33	21 33	21 47	6 21		n.a.
S 4	15 42	22 1	4 55	9 3	0 8	1 49	3 49	16 5	2 53	24 50	1 7	25 20	1 39	16 29	0 1	16 24	0 46	27 43	15 33	21 33	21 47	6 24		n.a.
S 5	16 1	17 47	5 13	9 44	0 15	1 44	3 56	15 58	2 54	24 50	1 7	25 20	1 39	16 28	0 1	16 24	0 46	27 43	15 34	21 33	21 46	6 27		n.a.
M 6	16 20	12 28	5 13	10 24	0 22	1 39	4 2	15 51	2 55	24 50	1 7	25 21	1 40	16 28	0 1	16 23	0 46	27 44	15 34	21 33	21 45	6 31		n.a.
T 7	16 39	6 20	4 54	11 4	0 28	1 37	4 8	15 44	2 57	24 50	1 7	25 21	1 40	16 27	0 1	16 23	0 46	27 44	15 35	21 32	21 45	6 34		n.a.
W 8	16 57	0n18	4 14	11 43	0 35	1 35	4 13	15 37	2 58	24 50	1 8	25 22	1 40	16 26	0 1	16 22	0 46	27 44	15 35	21 32	21 44	6 37		n.a.
T 9	17 15	7 2	3 17	12 23	0 41	1 35	4 17	15 30	2 59	24 50	1 8	25 22	1 40	16 25	0 1	16 22	0 46	27 44	15 35	21 31	21 44	6 40		n.a.
F 10	17 33	13 25	2 5	13 2	0 48	1 36	4 22	15 24	3 0	24 50	1 8	25 22	1 40	16 25	0 1	16 21	0 46	27 44	15 36	21 31	21 43	6 43		n.a.
S 11	17 50	18 59	0 45	13 41	0 54	1 39	4 26	15 17	3 1	24 49	1 9	25 23	1 41	16 24	0 1	16 21	0 46	27 44	15 36	21 31	21 42	6 46		n.a.
S 12	18 7	23 16	0n37	14 19	1 0	1 42	4 29	15 10	3 2	24 49	1 9	25 23	1 41	16 23	0 1	16 20	0 46	27 44	15 37	21 31	21 42	6 49		n.a.
M13	18 24	25 56	1 55	14 57	1 5	1 47	4 32	15 4	3 3	24 49	1 9	25 23	1 41	16 22	0 1	16 20	0 46	27 45	15 37	21 31	21 41	6 52		n.a.
T 14	18 40	26 50	3 4	15 35	1 11	1 53	4 35	14 58	3 4	24 49	1 9	25 24	1 41	16 21	0 1	16 19	0 46	27 45	15 38	21 31	21 41	6 55		n.a.
W15	18 56	26 3	4 0	16 12	1 16	2 0	4 37	14 51	3 4	24 48	1 10	25 24	1 42	16 21	0 1	16 19	0 46	27 45	15 38	21 31	21 40	6 59		n.a.
T 16	19 12	23 48	4 41	16 48	1 21	2 8	4 39	14 45	3 5	24 48	1 10	25 25	1 42	16 20	0 1	16 18	0 46	27 45	15 39	21 31	21 39	7 2		n.a.
F 17	19 27	20 25	5 6	17 24	1 25	2 17	4 40	14 39	3 6	24 48	1 10	25 25	1 42	16 19	0 1	16 18	0 46	27 46	15 39	21 31	21 39	7 5		n.a.
S 18	19 42	16 11	5 17	17 59	1 30	2 26	4 41	14 34	3 6	24 47	1 10	25 25	1 42	16 18	0 1	16 17	0 46	27 46	15 40	21 31	21 38	7 8		n.a.
S 19	19 57	11 25	5 13	18 33	1 34	2 37	4 42	14 28	3 6	24 47	1 10	25 26	1 42	16 17	0 2	16 17	0 46	27 46	15 40	21 31	21 38	7 11		n.a.
M20	20 11	6 17	4 55	19 7	1 37	2 49	4 43	14 23	3 7	24 47	1 11	25 26	1 43	16 17	0 2	16 16	0 46	27 46	15 41	21 31	21 37	7 14		n.a.
T 21	20 25	0 59	4 24	19 40	1 41	3 1	4 43	14 17	3 7	24 46	1 11	25 27	1 43	16 16	0 2	16 16	0 46	27 47	15 41	21 31	21 36	7 17		n.a.
W22	20 38	4s20	3 43	20 11	1 44	3 14	4 43	14 12	3 7	24 46	1 11	25 27	1 43	16 15	0 2	16 15	0 46	27 47	15 42	21 31	21 36	7 20		n.a.
T 23	20 51	9 30	2 52	20 42	1 47	3 28	4 43	14 8	3 8	24 45	1 11	25 28	1 43	16 14	0 2	16 15	0 46	27 47	15 42	21 31	21 35	7 23		n.a.
F 24	21 4	14 22	1 53	21 11	1 49	3 43	4 43	14 3	3 8	24 45	1 12	25 28	1 43	16 14	0 2	16 14	0 46	27 48	15 43	21 31	21 35	7 27		n.a.
S 25	21 16	18 44	0 50	21 40	1 51	3 58	4 42	13 59	3 8	24 44	1 12	25 28	1 44	16 13	0 2	16 14	0 46	27 48	15 43	21 31	21 34	7 30		n.a.
S 26	21 28	22 22	0s17	22 7	1 53	4 14	4 41	13 55	3 8	24 44	1 12	25 29	1 44	16 12	0 2	16 14	0 46	27 48	15 44	21 31	21 33	7 33		n.a.
M27	21 40	25 3	1 24	22 33	1 54	4 30	4 40	13 51	3 8	24 43	1 12	25 29	1 44	16 11	0 2	16 13	0 46	27 49	15 44	21 31	21 33	7 36		n.a.
T 28	21 51	26 34	2 28	22 57	1 54	4 47	4 38	13 47	3 8	24 43	1 12	25 30	1 44	16 11	0 2	16 13	0 46	27 49	15 45	21 31	21 32	7 39		n.a.
W29	22 2	26 45	3 26	23 19	1 55	5 5	4 37	13 44	3 8	24 42	1 13	25 30	1 44	16 10	0 2	16 12	0 46	27 50	15 45	21 31	21 31	7 42		n.a.
T 30	22 12	25 31	4 14	23 41	1 54	5 22	4 35	13 41	3 7	24 42	1 13	25 31	1 45	16 9	0 2	16 12	0 46	27 50	15 46	21 31	21 31	7 45		n.a.
F 31	22s22	22s53	4s50	24s 0	1s53	5s41	4n33	13n38	3n 7	24n41	1n13	25n31	1n45	16n 9	0n 2	16n11	0s46	27n50	15n46	21n31	21n30	7s48		n.a.

Julian Day Number = 195742.5, Delta T = 32h19m35s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'32, Lahiri = -61°20'31 Julian Calendar 1 Dec. 4178 BCE == Greg. Calendar 29 Oct. 4178 BCE

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

JANUARY 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 30 28	9♐38'37	23♒19	9♐ 8	25♎39	27°R 1	17°R 2	9°R17	12°R46	15°R23	26°R 9	3°R48	3♊44	27♎ 5	n.a.	S 1
S 2	4 34 25	10°38'29	6♓56	11° 2	26°25	26♈55	16♊54	9♋14	12♉43	15♉21	26♌ 9	3°D48	3°41	27°11	n.a.	S 2
M 3	4 38 22	11°38'19	20°52	12°57	27°12	26°51	16°47	9°10	12°41	15°20	26° 9	3♊48	3°38	27°18	n.a.	M 3
T 4	4 42 18	12°38'06	5♈ 4	14°53	28° 0	26°47	16°39	9° 6	12°39	15°18	26° 9	3°49	3°35	27°25	n.a.	T 4
W 5	4 46 15	13°37'51	19°33	16°50	28°49	26°43	16°31	9° 2	12°37	15°17	26° 9	3°50	3°31	27°31	n.a.	W 5
T 6	4 50 11	14°37'33	4♉13	18°47	29°39	26°41	16°23	8°58	12°35	15°15	26° 9	3°50	3°28	27°38	n.a.	T 6
F 7	4 54 8	15°37'13	19° 0	20°44	0♏29	26°39	16°16	8°54	12°33	15°14	26° 9	3°51	3°25	27°45	n.a.	F 7
S 8	4 58 4	16°36'50	3♊48	22°42	1°20	26°39	16° 8	8°50	12°31	15°13	26° 8	3°R51	3°22	27°51	n.a.	S 8
S 9	5 2 1	17°36'25	18°28	24°40	2°11	26°D39	16° 0	8°46	12°29	15°11	26° 8	3°51	3°19	27°58	n.a.	S 9
M10	5 5 57	18°35'58	2♋55	26°38	3° 4	26°39	15°52	8°42	12°27	15°10	26° 8	3°50	3°16	28° 5	n.a.	M10
T 11	5 9 54	19°35'29	17° 2	28°36	3°57	26°41	15°44	8°38	12°25	15° 9	26° 7	3°48	3°12	28°11	n.a.	T 11
W12	5 13 50	20°34'57	0♌47	0♍33	4°50	26°43	15°36	8°34	12°23	15° 7	26° 7	3°46	3° 9	28°18	n.a.	W12
T 13	5 17 47	21°34'24	14° 6	2°29	5°44	26°45	15°29	8°30	12°21	15° 6	26° 7	3°43	3° 6	28°25	n.a.	T 13
F 14	5 21 44	22°33'48	27° 2	4°24	6°39	26°49	15°21	8°25	12°19	15° 5	26° 6	3°41	3° 3	28°31	n.a.	F 14
S 15	5 25 40	23°33'10	9♍36	6°17	7°34	26°53	15°13	8°21	12°17	15° 3	26° 6	3°40	3° 0	28°38	n.a.	S 15
S 16	5 29 37	24°32'30	21°51	8° 9	8°30	26°58	15° 6	8°17	12°16	15° 2	26° 5	3°D39	2°56	28°45	n.a.	S 16
M17	5 33 33	25°31'48	3♎53	9°57	9°26	27° 3	14°58	8°12	12°14	15° 1	26° 5	3°39	2°53	28°51	n.a.	M17
T 18	5 37 30	26°31'04	15°46	11°43	10°23	27°10	14°50	8° 8	12°12	15° 0	26° 4	3°40	2°50	28°58	n.a.	T 18
W19	5 41 26	27°30'18	27°35	13°25	11°20	27°16	14°43	8° 4	12°11	14°59	26° 3	3°42	2°47	29° 5	n.a.	W19
T 20	5 45 23	28°29'30	9♏24	15° 3	12°18	27°24	14°35	7°59	12° 9	14°58	26° 3	3°44	2°44	29°11	n.a.	T 20
F 21	5 49 19	29°28'40	21°18	16°38	13°16	27°32	14°28	7°55	12° 8	14°56	26° 2	3°45	2°41	29°18	n.a.	F 21
S 22	5 53 16	0♑27'48	3♐21	18° 7	14°14	27°41	14°21	7°50	12° 6	14°55	26° 1	3°R46	2°37	29°25	n.a.	S 22
S 23	5 57 12	1°26'54	15°35	19°31	15°13	27°50	14°14	7°46	12° 5	14°54	26° 1	3°45	2°34	29°31	n.a.	S 23
M24	6 1 9	2°25'57	28° 2	20°50	16°12	28° 0	14° 6	7°41	12° 3	14°53	26° 0	3°43	2°31	29°38	n.a.	M24
T 25	6 5 5	3°24'59	10♑44	22° 3	17°12	28°10	13°59	7°37	12° 2	14°52	25°59	3°40	2°28	29°45	n.a.	T 25
W26	6 9 2	4°23'58	23°40	23°10	18°12	28°21	13°52	7°32	12° 1	14°51	25°58	3°35	2°25	29°51	n.a.	W26
T 27	6 12 59	5°22'54	6♒51	24°11	19°12	28°33	13°46	7°28	11°59	14°50	25°57	3°30	2°22	29°58	n.a.	T 27
F 28	6 16 55	6°21'48	20°15	25° 5	20°12	28°45	13°39	7°23	11°58	14°49	25°56	3°25	2°18	0♏ 5	n.a.	F 28
S 29	6 20 52	7°20'40	3♓51	25°52	21°13	28°58	13°32	7°18	11°57	14°48	25°56	3°20	2°15	0°12	n.a.	S 29
S 30	6 24 48	8°19'29	17°38	26°32	22°14	29°11	13°26	7°14	11°56	14°48	25°55	3°17	2°12	0°18	n.a.	S 30
M31	6 28 45	9♑18'15	1♈35	27♑ 6	23♏16	29♈25	13♊19	7♋ 9	11♉55	14♉47	25♌54	3♊15	2♊ 9	0♏25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s31	19s 1	5s12	24s17	1s52	6s 0	4n31	13n35	3n 7	24n41	1n13	25n31	1n45	16n 8	0n 2	16n11	0s46	27n51	15n47	21n30	21n30	7s51		n.a.
S 2	22 40	14 5	5 17	24 33	1 50	6 19	4 29	13 33	3 7	24 40	1 13	25 32	1 45	16 7	0 2	16 10	0 46	27 51	15 47	21 30	21 29	7 55		n.a.
M 3	22 49	8 21	5 3	24 46	1 48	6 38	4 26	13 31	3 6	24 39	1 13	25 32	1 45	16 7	0 2	16 10	0 46	27 52	15 48	21 30	21 28	7 58		n.a.
T 4	22 57	2 4	4 31	24 58	1 45	6 58	4 24	13 29	3 6	24 39	1 14	25 33	1 45	16 6	0 2	16 10	0 46	27 52	15 48	21 31	21 28	8 1		n.a.
W 5	23 5	4n27	3 42	25 7	1 41	7 18	4 21	13 27	3 6	24 38	1 14	25 33	1 46	16 5	0 2	16 9	0 46	27 53	15 49	21 31	21 27	8 4		n.a.
T 6	23 12	10 50	2 37	25 14	1 37	7 39	4 18	13 26	3 5	24 37	1 14	25 34	1 46	16 5	0 2	16 9	0 45	27 53	15 49	21 31	21 27	8 7		n.a.
F 7	23 19	16 39	1 21	25 18	1 31	8 0	4 15	13 25	3 5	24 37	1 14	25 34	1 46	16 4	0 2	16 8	0 45	27 54	15 49	21 31	21 26	8 10		n.a.
S 8	23 25	21 30	0 0	25 20	1 26	8 20	4 12	13 24	3 4	24 36	1 14	25 34	1 46	16 3	0 2	16 8	0 45	27 54	15 50	21 31	21 25	8 13		n.a.
S 9	23 31	24 56	1n20	25 20	1 19	8 42	4 9	13 24	3 4	24 35	1 14	25 35	1 46	16 3	0 2	16 8	0 45	27 55	15 50	21 31	21 25	8 16		n.a.
M10	23 36	26 39	2 34	25 17	1 12	9 3	4 5	13 24	3 3	24 35	1 14	25 35	1 46	16 2	0 2	16 7	0 45	27 55	15 51	21 31	21 24	8 19		n.a.
T 11	23 41	26 35	3 37	25 11	1 4	9 24	4 2	13 24	3 3	24 34	1 15	25 36	1 46	16 1	0 2	16 7	0 45	27 56	15 51	21 30	21 23	8 23		n.a.
W12	23 46	24 51	4 25	25 3	0 56	9 46	3 58	13 24	3 2	24 33	1 15	25 36	1 47	16 1	0 2	16 7	0 45	27 57	15 52	21 30	21 23	8 26		n.a.
T 13	23 50	21 47	4 57	24 52	0 47	10 8	3 55	13 24	3 2	24 32	1 15	25 37	1 47	16 0	0 2	16 6	0 45	27 57	15 52	21 30	21 22	8 29		n.a.
F 14	23 54	17 44	5 14	24 39	0 37	10 30	3 51	13 25	3 1	24 32	1 15	25 37	1 47	16 0	0 2	16 6	0 45	27 58	15 53	21 29	21 22	8 32		n.a.
S 15	23 57	13 0	5 14	24 24	0 26	10 52	3 47	13 26	3 0	24 31	1 15	25 37	1 47	15 59	0 2	16 5	0 45	27 58	15 53	21 29	21 21	8 35		n.a.
S 16	24 0	7 53	5 0	24 7	0 15	11 14	3 43	13 27	3 0	24 30	1 15	25 38	1 47	15 59	0 2	16 5	0 45	27 59	15 54	21 29	21 20	8 38		n.a.
M17	24 2	2 34	4 33	23 47	0 4	11 36	3 39	13 29	2 59	24 29	1 15	25 38	1 47	15 58	0 2	16 5	0 45	27 59	15 54	21 29	21 20	8 41		n.a.
T 18	24 4	2s47	3 54	23 26	0n 9	11 58	3 35	13 31	2 58	24 28	1 15	25 39	1 47	15 58	0 2	16 4	0 45	28 0	15 54	21 29	21 19	8 44		n.a.
W19	24 5	8 1	3 6	23 4	0 21	12 20	3 31	13 32	2 58	24 28	1 15	25 39	1 48	15 57	0 2	16 4	0 45	28 1	15 55	21 29	21 18	8 47		n.a.
T 20	24 6	12 59	2 10	22 40	0 34	12 41	3 26	13 35	2 57	24 27	1 15	25 39	1 48	15 57	0 2	16 4	0 45	28 1	15 55	21 30	21 18	8 50		n.a.
F 21	24 7	17 30	1 8	22 16	0 48	13 3	3 22	13 37	2 56	24 26	1 15	25 40	1 48	15 56	0 2	16 4	0 45	28 2	15 56	21 30	21 17	8 54		n.a.
S 22	24 7	21 23	0 2	21 50	1 1	13 25	3 18	13 40	2 56	24 25	1 16	25 40	1 48	15 56	0 2	16 3	0 45	28 3	15 56	21 30	21 16	8 57		n.a.
S 23	24 6	24 23	1s 4	21 25	1 15	13 47	3 13	13 42	2 55	24 24	1 16	25 41	1 48	15 55	0 2	16 3	0 45	28 3	15 56	21 30	21 16	9 0		n.a.
M24	24 5	26 15	2 9	20 59	1 29	14 9	3 9	13 45	2 54	24 23	1 16	25 41	1 48	15 55	0 2	16 3	0 45	28 4	15 57	21 29	21 15	9 3		n.a.
T 25	24 4	26 48	3 9	20 34	1 42	14 30	3 4	13 49	2 53	24 23	1 16	25 41	1 48	15 54	0 2	16 2	0 45	28 5	15 57	21 29	21 15	9 6		n.a.
W26	24 2	25 54	4 0	20 10	1 56	14 51	3 0	13 52	2 53	24 22	1 16	25 42	1 48	15 54	0 2	16 2	0 45	28 5	15 58	21 28	21 14	9 9		n.a.
T 27	24 0	23 34	4 39	19 46	2 9	15 13	2 55	13 56	2 52	24 21	1 16	25 42	1 48	15 54	0 2	16 2	0 45	28 6	15 58	21 27	21 13	9 12		n.a.
F 28	23 57	19 55	5 4	19 24	2 22	15 34	2 51	13 59	2 51	24 20	1 16	25 42	1 48	15 53	0 2	16 2	0 45	28 7	15 58	21 26	21 13	9 15		n.a.
S 29	23 54	15 11	5 12	19 3	2 34	15 54	2 46	14 3	2 50	24 19	1 16	25 43	1 48	15 53	0 2	16 1	0 45	28 7	15 59	21 25	21 12	9 18		n.a.
S 30	23 51	9 37	5 2	18 43	2 46	16 15	2 41	14 7	2 50	24 19	1 16	25 43	1 49	15 53	0 2	16 1	0 45	28 8	15 59	21 24	21 11	9 21		n.a.
M31	23s47	3s32	4s35	18s26	2n57	16s35	2n37	14n12	2n49	24n18	1n16	25n43	1n49	15n52	0n 2	16n 1	0s45	28n 9	16n 0	21n24	21n11	9s24		n.a.

Julian Day Number = 195773.5, Delta T = 32h19m31s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'27, Lahiri = -61°20'27 Julian Calendar 1 Jan. 4177 BCE == Greg. Calendar 29 Nov. 4178 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

FEBRUARY 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 32 41	10♉16'59	15♈41	27♉32	24♏18	29♈39	13°R13	7°R 5	11°R54	14°R46	25°R53	3°D15	2♊ 6	0♏32	n.a.	T 1
W 2	6 36 38	11°15'41	29°54	27°51	25°20	29°54	13♊ 7	7♋ 0	11♉53	14♉45	25♎52	3♊16	2° 2	0°38	n.a.	W 2
T 3	6 40 34	12°14'20	14♉12	28° 4	26°22	0♉ 9	13° 1	6°56	11°52	14°44	25°51	3°18	1°59	0°45	n.a.	T 3
F 4	6 44 31	13°12'56	28°32	28°R 9	27°24	0°25	12°55	6°51	11°51	14°44	25°49	3°R19	1°56	0°52	n.a.	F 4
S 5	6 48 27	14°11'30	12♊53	28° 8	28°27	0°41	12°49	6°47	11°50	14°43	25°48	3°18	1°53	0°58	n.a.	S 5
S 6	6 52 24	15°10'02	27° 9	28° 0	29°30	0°57	12°43	6°42	11°49	14°42	25°47	3°16	1°50	1° 5	n.a.	S 6
M 7	6 56 20	16° 8'32	11♋15	27°46	0♐33	1°14	12°38	6°38	11°49	14°42	25°46	3°12	1°47	1°12	n.a.	M 7
T 8	7 0 17	17° 6'59	25° 9	27°26	1°37	1°32	12°32	6°33	11°48	14°41	25°45	3° 6	1°43	1°18	n.a.	T 8
W 9	7 4 13	18° 5'25	8♌44	27° 1	2°40	1°50	12°27	6°29	11°47	14°41	25°44	2°59	1°40	1°25	n.a.	W 9
T 10	7 8 10	19° 3'48	22° 0	26°32	3°44	2° 8	12°22	6°25	11°47	14°40	25°42	2°51	1°37	1°32	n.a.	T 10
F 11	7 12 7	20° 2'09	4♍54	25°58	4°48	2°27	12°17	6°20	11°46	14°39	25°41	2°44	1°34	1°38	n.a.	F 11
S 12	7 16 3	21° 0'29	17°29	25°20	5°53	2°46	12°12	6°16	11°46	14°39	25°40	2°37	1°31	1°45	n.a.	S 12
S 13	7 20 0	21°58'46	29°46	24°40	6°57	3° 5	12° 7	6°12	11°45	14°39	25°39	2°33	1°28	1°52	n.a.	S 13
M14	7 23 56	22°57'02	11♎50	23°58	8° 2	3°25	12° 3	6° 7	11°45	14°38	25°37	2°30	1°24	1°58	n.a.	M14
T 15	7 27 53	23°55'16	23°43	23°15	9° 7	3°45	11°59	6° 3	11°45	14°38	25°36	2°D29	1°21	2° 5	n.a.	T 15
W16	7 31 49	24°53'28	5♏33	22°32	10°12	4° 6	11°55	5°59	11°45	14°37	25°35	2°30	1°18	2°12	n.a.	W16
T 17	7 35 46	25°51'38	17°23	21°49	11°17	4°27	11°51	5°55	11°44	14°37	25°33	2°31	1°15	2°18	n.a.	T 17
F 18	7 39 42	26°49'47	29°20	21° 7	12°22	4°48	11°47	5°51	11°44	14°37	25°32	2°R32	1°12	2°25	n.a.	F 18
S 19	7 43 39	27°47'54	11♐27	20°27	13°28	5°10	11°43	5°47	11°44	14°37	25°30	2°31	1° 8	2°32	n.a.	S 19
S 20	7 47 35	28°45'59	23°49	19°50	14°34	5°32	11°40	5°43	11°D44	14°36	25°29	2°29	1° 5	2°38	n.a.	S 20
M21	7 51 32	29°44'03	6♑29	19°16	15°40	5°54	11°36	5°39	11°44	14°36	25°28	2°25	1° 2	2°45	n.a.	M21
T 22	7 55 28	0♒42'05	19°28	18°46	16°46	6°17	11°33	5°35	11°44	14°36	25°26	2°18	0°59	2°52	n.a.	T 22
W23	7 59 25	1°40'05	2♒46	18°19	17°52	6°39	11°30	5°31	11°44	14°36	25°25	2° 9	0°56	2°58	n.a.	W23
T 24	8 3 21	2°38'03	16°21	17°57	18°58	7° 3	11°27	5°27	11°44	14°36	25°23	1°59	0°53	3° 5	n.a.	T 24
F 25	8 7 18	3°35'59	0♓12	17°40	20° 4	7°26	11°25	5°23	11°45	14°36	25°22	1°49	0°49	3°12	n.a.	F 25
S 26	8 11 15	4°33'53	14°13	17°27	21°11	7°50	11°22	5°19	11°45	14°D36	25°20	1°40	0°46	3°18	n.a.	S 26
S 27	8 15 11	5°31'45	28°20	17°19	22°18	8°14	11°20	5°16	11°45	14°36	25°19	1°33	0°43	3°25	n.a.	S 27
M28	8 19 8	6°29'35	12♈31	17°D16	23°24	8°39	11°18	5°12	11°46	14°36	25°17	1°28	0°40	3°31	n.a.	M28
T 29	8 23 4	7♒27'23	26♈41	17♉17	24♐31	9♉ 3	11♊16	5♋ 9	11♉46	14♉36	25♎15	1♊26	0♊37	3♏38	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s42	2n49	3 s50	18 s11	3n 8	16 s55	2n32	14n16	2n48	24n17	1n16	25n44	1n49	15n52	0n 2	16n 1	0 s45	28n 9	16n 0	21n24	21n10	9 s27		n.a.
W 2	23 37	9 5	2 52	17 57	3 17	17 15	2 27	14 21	2 47	24 16	1 16	25 44	1 49	15 52	0 2	16 1	0 45	28 10	16 0	21 24	21 9	9 31		n.a.
T 3	23 32	14 56	1 42	17 47	3 26	17 35	2 23	14 26	2 47	24 15	1 16	25 44	1 49	15 51	0 2	16 0	0 45	28 11	16 1	21 24	21 9	9 34		n.a.
F 4	23 26	19 59	0 26	17 38	3 33	17 54	2 18	14 31	2 46	24 15	1 16	25 45	1 49	15 51	0 2	16 0	0 45	28 11	16 1	21 25	21 8	9 37		n.a.
S 5	23 20	23 50	0n52	17 33	3 39	18 13	2 13	14 36	2 45	24 14	1 16	25 45	1 49	15 51	0 2	16 0	0 45	28 12	16 1	21 25	21 7	9 40		n.a.
S 6	23 13	26 11	2 6	17 30	3 44	18 32	2 8	14 41	2 44	24 13	1 16	25 45	1 49	15 51	0 2	16 0	0 45	28 13	16 2	21 24	21 7	9 43		n.a.
M 7	23 6	26 48	3 11	17 29	3 47	18 50	2 4	14 47	2 44	24 12	1 16	25 46	1 49	15 50	0 2	16 0	0 44	28 14	16 2	21 23	21 6	9 46		n.a.
T 8	22 59	25 42	4 4	17 31	3 49	19 8	1 59	14 52	2 43	24 11	1 16	25 46	1 49	15 50	0 2	16 0	0 44	28 14	16 2	21 22	21 5	9 49		n.a.
W 9	22 51	23 6	4 41	17 36	3 50	19 25	1 54	14 58	2 42	24 11	1 16	25 46	1 49	15 50	0 2	15 59	0 44	28 15	16 2	21 21	21 5	9 52		n.a.
T 10	22 43	19 19	5 3	17 43	3 48	19 42	1 49	15 4	2 41	24 10	1 16	25 46	1 49	15 50	0 2	15 59	0 44	28 16	16 3	21 19	21 4	9 55		n.a.
F 11	22 34	14 43	5 8	17 52	3 46	19 59	1 45	15 10	2 40	24 9	1 16	25 47	1 49	15 50	0 2	15 59	0 44	28 16	16 3	21 18	21 3	9 58		n.a.
S 12	22 25	9 37	4 58	18 3	3 41	20 16	1 40	15 16	2 40	24 9	1 16	25 47	1 49	15 50	0 2	15 59	0 44	28 17	16 3	21 16	21 3	10 1		n.a.
S 13	22 16	4 16	4 34	18 16	3 35	20 31	1 35	15 22	2 39	24 8	1 16	25 47	1 49	15 49	0 2	15 59	0 44	28 18	16 4	21 16	21 2	10 4		n.a.
M14	22 6	1 s 9	3 59	18 31	3 27	20 47	1 30	15 28	2 38	24 7	1 16	25 47	1 49	15 49	0 2	15 59	0 44	28 19	16 4	21 15	21 1	10 7		n.a.
T 15	21 56	6 29	3 13	18 47	3 18	21 2	1 26	15 35	2 37	24 7	1 16	25 48	1 49	15 49	0 2	15 59	0 44	28 19	16 4	21 15	21 1	10 10		n.a.
W16	21 45	11 33	2 20	19 5	3 8	21 16	1 21	15 41	2 37	24 6	1 16	25 48	1 49	15 49	0 2	15 59	0 44	28 20	16 4	21 15	21 0	10 14		n.a.
T 17	21 34	16 13	1 21	19 23	2 57	21 30	1 16	15 48	2 36	24 5	1 15	25 48	1 49	15 49	0 2	15 59	0 44	28 21	16 5	21 15	20 59	10 17		n.a.
F 18	21 23	20 18	0 17	19 42	2 44	21 44	1 12	15 54	2 35	24 5	1 15	25 48	1 49	15 49	0 2	15 59	0 44	28 22	16 5	21 15	20 59	10 20		n.a.
S 19	21 11	23 35	0 s48	20 2	2 30	21 57	1 7	16 1	2 34	24 4	1 15	25 48	1 49	15 49	0 2	15 59	0 44	28 22	16 5	21 15	20 58	10 23		n.a.
S 20	20 59	25 50	1 52	20 22	2 16	22 10	1 2	16 8	2 33	24 4	1 15	25 49	1 49	15 49	0 2	15 58	0 44	28 23	16 5	21 15	20 57	10 26		n.a.
M21	20 47	26 48	2 51	20 41	2 1	22 22	0 58	16 15	2 33	24 3	1 15	25 49	1 49	15 49	0 2	15 58	0 44	28 24	16 5	21 14	20 57	10 29		n.a.
T 22	20 34	26 21	3 44	21 1	1 46	22 33	0 53	16 22	2 32	24 3	1 15	25 49	1 49	15 49	0 2	15 58	0 44	28 24	16 6	21 12	20 56	10 32		n.a.
W23	20 21	24 23	4 25	21 20	1 30	22 44	0 49	16 29	2 31	24 2	1 15	25 49	1 49	15 49	0 2	15 58	0 44	28 25	16 6	21 11	20 55	10 35		n.a.
T 24	20 7	21 1	4 53	21 38	1 15	22 54	0 45	16 36	2 30	24 2	1 15	25 49	1 49	15 49	0 2	15 58	0 44	28 26	16 6	21 9	20 55	10 38		n.a.
F 25	19 54	16 26	5 4	21 56	0 59	23 4	0 40	16 44	2 30	24 1	1 15	25 49	1 49	15 49	0 2	15 58	0 44	28 27	16 6	21 7	20 54	10 41		n.a.
S 26	19 40	10 55	4 57	22 13	0 44	23 13	0 36	16 51	2 29	24 1	1 15	25 50	1 49	15 49	0 2	15 59	0 44	28 27	16 6	21 5	20 53	10 44		n.a.
S 27	19 25	4 49	4 32	22 29	0 28	23 22	0 31	16 58	2 28	24 0	1 15	25 50	1 49	15 50	0 2	15 59	0 44	28 28	16 6	21 3	20 53	10 47		n.a.
M28	19 10	1n34	3 50	22 45	0 14	23 30	0 27	17 6	2 27	24 0	1 15	25 50	1 49	15 50	0 2	15 59	0 44	28 29	16 7	21 2	20 52	10 50		n.a.
T 29	18 s55	7n53	2 s54	22 s59	0 s 1	23 s37	0n23	17n13	2n27	24n 0	1n15	25n50	1n49	15n50	0n 2	15n59	0 s44	28n29	16n 7	21n 2	20n51	10 s53		n.a.

Julian Day Number = 195804.5, Delta T = 32h19m28s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'23, Lahiri = -61°20'23 Julian Calendar 1 Feb. 4177 BCE == Greg. Calendar 30 Dec. 4178 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

MARCH 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 27 1	8♒25'09	10♉50	17♊24	25♐38	9♉28	11°R15	5°R 5	11♉47	14♉36	25°R14	1°D26	0♊34	3♏45	n.a.	W 1
T 2	8 30 57	9°22'53	24°56	17°35	26°45	9°54	11♊13	5♋ 2	11°47	14°36	25♌12	1°R26	0°30	3°51	n.a.	T 2
F 3	8 34 54	10°20'35	8♊57	17°51	27°53	10°19	11°12	4°59	11°48	14°36	25°11	1♊26	0°27	3°58	n.a.	F 3
S 4	8 38 50	11°18'15	22°54	18°11	29° 0	10°45	11°11	4°55	11°48	14°36	25° 9	1°25	0°24	4° 5	n.a.	S 4
S 5	8 42 47	12°15'54	6♋44	18°36	0♊ 7	11°11	11°10	4°52	11°49	14°37	25° 8	1°20	0°21	4°11	n.a.	S 5
M 6	8 46 43	13°13'30	20°25	19° 5	1°15	11°37	11° 9	4°49	11°50	14°37	25° 6	1°14	0°18	4°18	n.a.	M 6
T 7	8 50 40	14°11'05	3♌56	19°38	2°23	12° 4	11° 8	4°46	11°51	14°37	25° 4	1° 4	0°14	4°25	n.a.	T 7
W 8	8 54 36	15° 8'39	17°13	20°15	3°30	12°30	11° 8	4°43	11°52	14°38	25° 3	0°53	0°11	4°31	n.a.	W 8
T 9	8 58 33	16° 6'10	0♍15	20°56	4°38	12°57	11° 8	4°40	11°53	14°38	25° 1	0°41	0° 8	4°38	n.a.	T 9
F 10	9 2 30	17° 3'41	13° 0	21°41	5°46	13°25	11°D 8	4°38	11°54	14°38	24°59	0°29	0° 5	4°45	n.a.	F 10
S 11	9 6 26	18° 1'10	25°29	22°29	6°54	13°52	11° 8	4°35	11°55	14°39	24°58	0°19	0° 2	4°51	n.a.	S 11
S 12	9 10 23	18°58'37	7♎42	23°20	8° 2	14°20	11° 8	4°32	11°56	14°39	24°56	0°10	29♉59	4°58	n.a.	S 12
M13	9 14 19	19°56'04	19°44	24°15	9°11	14°47	11° 9	4°30	11°57	14°40	24°54	0° 4	29°55	5° 5	n.a.	M13
T 14	9 18 16	20°53'29	1♏37	25°14	10°19	15°15	11° 9	4°27	11°58	14°40	24°53	0° 1	29°52	5°11	n.a.	T 14
W15	9 22 12	21°50'53	13°26	26°15	11°28	15°44	11°10	4°25	11°59	14°41	24°51	29♉59	29°49	5°18	n.a.	W15
T 16	9 26 9	22°48'17	25°16	27°19	12°36	16°12	11°11	4°23	12° 0	14°41	24°49	29°59	29°46	5°25	n.a.	T 16
F 17	9 30 5	23°45'39	7♐13	28°27	13°45	16°41	11°13	4°20	12° 2	14°42	24°48	29°59	29°43	5°31	n.a.	F 17
S 18	9 34 2	24°43'00	19°22	29°37	14°53	17°10	11°14	4°18	12° 3	14°43	24°46	29°59	29°40	5°38	n.a.	S 18
S 19	9 37 58	25°40'21	1♑48	0♒50	16° 2	17°39	11°16	4°16	12° 5	14°43	24°44	29°56	29°36	5°45	n.a.	S 19
M20	9 41 55	26°37'40	14°35	2° 5	17°11	18° 8	11°17	4°14	12° 6	14°44	24°43	29°50	29°33	5°51	n.a.	M20
T 21	9 45 52	27°34'59	27°45	3°24	18°20	18°37	11°19	4°12	12° 8	14°45	24°41	29°42	29°30	5°58	n.a.	T 21
W22	9 49 48	28°32'16	11♒20	4°44	19°29	19° 7	11°21	4°11	12° 9	14°46	24°39	29°32	29°27	6° 5	n.a.	W22
T 23	9 53 45	29°29'32	25°16	6° 8	20°38	19°37	11°24	4° 9	12°11	14°46	24°38	29°20	29°24	6°11	n.a.	T 23
F 24	9 57 41	0♓26'48	9♓31	7°34	21°47	20° 7	11°26	4° 7	12°12	14°47	24°36	29° 9	29°20	6°18	n.a.	F 24
S 25	10 1 38	1°24'02	23°58	9° 2	22°57	20°37	11°29	4° 6	12°14	14°48	24°34	28°58	29°17	6°25	n.a.	S 25
S 26	10 5 34	2°21'15	8♈30	10°33	24° 6	21° 7	11°32	4° 5	12°16	14°49	24°33	28°50	29°14	6°31	n.a.	S 26
M27	10 9 31	3°18'27	23° 2	12° 7	25°15	21°38	11°35	4° 3	12°18	14°50	24°31	28°44	29°11	6°38	n.a.	M27
T 28	10 13 27	4°15'38	7♉28	13°43	26°25	22° 9	11°38	4° 2	12°19	14°51	24°29	28°41	29° 8	6°45	n.a.	T 28
W29	10 17 24	5°12'48	21°45	15°21	27°34	22°40	11°41	4° 1	12°21	14°52	24°28	28°40	29° 5	6°51	n.a.	W29
T 30	10 21 21	6° 9'56	5♊50	17° 2	28°44	23°11	11°45	4° 0	12°23	14°53	24°26	28°40	29° 1	6°58	n.a.	T 30
F 31	10 25 17	7♓ 7'04	19♊43	18♒45	29♊54	23♉42	11♊48	3♋59	12♉25	14♉54	24♌24	28♉40	28♉58	7♏ 5	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s40	13n48	1s47	23s12	0s15	23s44	0n19	17n21	2n26	23n59	1n14	25n50	1n49	15n50	0n 2	15n59	0s44	28n30	16n 7	21n 2	20n51	10s56		n.a.
T 2	18 24	18 59	0 35	23 24	0 29	23 50	0 15	17 29	2 25	23 59	1 14	25 50	1 49	15 50	0 2	15 59	0 44	28 31	16 7	21 2	20 50	10 59		n.a.
F 3	18 9	23 4	0n40	23 34	0 41	23 55	0 11	17 36	2 24	23 59	1 14	25 50	1 49	15 50	0 2	15 59	0 44	28 31	16 7	21 2	20 49	11 2		n.a.
S 4	17 52	25 46	1 51	23 44	0 54	24 0	0 6	17 44	2 24	23 59	1 14	25 50	1 49	15 51	0 2	15 59	0 43	28 32	16 7	21 1	20 49	11 5		n.a.
S 5	17 36	26 52	2 56	23 52	1 5	24 4	0 3	17 52	2 23	23 58	1 14	25 50	1 49	15 51	0 2	15 59	0 43	28 33	16 7	21 1	20 48	11 8		n.a.
M 6	17 19	26 17	3 49	23 58	1 16	24 8	0s 1	17 59	2 22	23 58	1 14	25 50	1 49	15 51	0 2	15 59	0 43	28 33	16 7	20 59	20 47	11 12		n.a.
T 7	17 2	24 9	4 29	24 4	1 27	24 11	0 5	18 7	2 21	23 58	1 14	25 50	1 49	15 51	0 2	15 59	0 43	28 34	16 7	20 57	20 47	11 15		n.a.
W 8	16 45	20 45	4 53	24 8	1 36	24 13	0 9	18 15	2 21	23 58	1 14	25 51	1 49	15 52	0 2	15 59	0 43	28 35	16 7	20 55	20 46	11 18		n.a.
T 9	16 27	16 22	5 1	24 10	1 45	24 15	0 13	18 23	2 20	23 58	1 14	25 51	1 49	15 52	0 2	16 0	0 43	28 35	16 7	20 52	20 45	11 21		n.a.
F 10	16 10	11 22	4 54	24 11	1 53	24 16	0 16	18 31	2 19	23 58	1 14	25 51	1 49	15 52	0 2	16 0	0 43	28 36	16 7	20 50	20 44	11 24		n.a.
S 11	15 52	6 0	4 33	24 10	2 1	24 16	0 20	18 38	2 18	23 57	1 14	25 51	1 49	15 53	0 2	16 0	0 43	28 37	16 8	20 47	20 44	11 27		n.a.
S 12	15 33	0 31	4 0	24 8	2 8	24 15	0 24	18 46	2 18	23 57	1 13	25 51	1 49	15 53	0 2	16 0	0 43	28 37	16 8	20 46	20 43	11 30		n.a.
M13	15 15	4s55	3 16	24 4	2 14	24 14	0 27	18 54	2 17	23 57	1 13	25 51	1 49	15 53	0 2	16 0	0 43	28 38	16 8	20 44	20 42	11 33		n.a.
T 14	14 56	10 7	2 24	23 58	2 19	24 13	0 31	19 2	2 16	23 57	1 13	25 51	1 48	15 54	0 2	16 1	0 43	28 38	16 8	20 44	20 42	11 36		n.a.
W15	14 37	14 56	1 27	23 51	2 24	24 10	0 34	19 10	2 15	23 57	1 13	25 51	1 48	15 54	0 2	16 1	0 43	28 39	16 8	20 43	20 41	11 39		n.a.
T 16	14 18	19 13	0 25	23 42	2 28	24 7	0 37	19 18	2 15	23 57	1 13	25 51	1 48	15 54	0 2	16 1	0 43	28 40	16 7	20 43	20 40	11 42		n.a.
F 17	13 59	22 46	0s38	23 31	2 31	24 3	0 40	19 26	2 14	23 57	1 13	25 51	1 48	15 55	0 2	16 1	0 43	28 40	16 7	20 43	20 40	11 45		n.a.
S 18	13 39	25 21	1 41	23 19	2 34	23 59	0 44	19 33	2 13	23 58	1 13	25 51	1 48	15 55	0 2	16 1	0 43	28 41	16 7	20 43	20 39	11 48		n.a.
S 19	13 19	26 46	2 40	23 4	2 36	23 54	0 47	19 41	2 12	23 58	1 13	25 51	1 48	15 56	0 2	16 2	0 43	28 41	16 7	20 42	20 38	11 51		n.a.
M20	12 59	26 49	3 33	22 48	2 37	23 48	0 50	19 49	2 12	23 58	1 13	25 51	1 48	15 56	0 2	16 2	0 43	28 42	16 7	20 41	20 37	11 54		n.a.
T 21	12 39	25 22	4 16	22 30	2 38	23 41	0 53	19 57	2 11	23 58	1 12	25 51	1 48	15 57	0 2	16 2	0 43	28 42	16 7	20 39	20 37	11 57		n.a.
W22	12 19	22 26	4 46	22 10	2 38	23 34	0 55	20 5	2 10	23 58	1 12	25 51	1 48	15 57	0 2	16 2	0 43	28 43	16 7	20 37	20 36	12 0		n.a.
T 23	11 58	18 8	5 0	21 48	2 37	23 26	0 58	20 12	2 10	23 58	1 12	25 51	1 48	15 58	0 2	16 3	0 43	28 44	16 7	20 35	20 35	12 3		n.a.
F 24	11 38	12 45	4 56	21 24	2 36	23 18	1 1	20 20	2 9	23 59	1 12	25 51	1 48	15 58	0 2	16 3	0 43	28 44	16 7	20 32	20 35	12 6		n.a.
S 25	11 17	6 37	4 33	20 58	2 34	23 9	1 4	20 28	2 8	23 59	1 12	25 51	1 48	15 59	0 3	16 3	0 43	28 45	16 7	20 30	20 34	12 9		n.a.
S 26	10 56	0 4	3 52	20 30	2 31	22 59	1 6	20 35	2 7	23 59	1 12	25 51	1 48	15 59	0 3	16 4	0 43	28 45	16 7	20 28	20 33	12 12		n.a.
M27	10 34	6n29	2 56	20 0	2 28	22 49	1 9	20 43	2 7	24 0	1 12	25 51	1 47	16 0	0 3	16 4	0 43	28 46	16 7	20 27	20 33	12 15		n.a.
T 28	10 13	12 40	1 50	19 28	2 24	22 38	1 11	20 51	2 6	24 0	1 12	25 50	1 47	16 1	0 3	16 4	0 43	28 46	16 6	20 26	20 32	12 18		n.a.
W29	9 52	18 8	0 37	18 54	2 19	22 26	1 13	20 58	2 5	24 0	1 12	25 50	1 47	16 1	0 3	16 5	0 43	28 46	16 6	20 26	20 31	12 21		n.a.
T 30	9 30	22 30	0n38	18 18	2 14	22 14	1 16	21 6	2 5	24 1	1 11	25 50	1 47	16 2	0 3	16 5	0 43	28 47	16 6	20 26	20 30	12 24		n.a.
F 31	9s 8	25n31	1n49	17s39	2s 9	22s 1	1s18	21n13	2n 4	24n 1	1n11	25n50	1n47	16n 2	0n 3	16n 5	0s42	28n47	16n 6	20n25	20n30	12s27		n.a.

Julian Day Number = 195833.5, Delta T = 32h19m25s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'19, Lahiri = -61°20'19 Julian Calendar 1 March 4177 BCE == Greg. Calendar 28 Jan. 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

APRIL 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 29 14	8♓ 4'10	3♋25	20♒31	1♒ 3	24♉13	11♊52	3°R58	12♉27	14♉55	24°R23	28°R38	28♉55	7♏11	n.a.	S 1
S 2	10 33 10	9° 1'15	16°56	22°19	2°13	24°45	11°56	3♋57	12°29	14°56	24♌21	28♉34	28°52	7°18	n.a.	S 2
M 3	10 37 7	9°58'20	0♌15	24° 9	3°23	25°16	12° 0	3°57	12°32	14°57	24°20	28°27	28°49	7°25	n.a.	M 3
T 4	10 41 3	10°55'23	13°22	26° 2	4°33	25°48	12° 5	3°56	12°34	14°58	24°18	28°17	28°45	7°31	n.a.	T 4
W 5	10 45 0	11°52'26	26°18	27°57	5°43	26°20	12° 9	3°56	12°36	15° 0	24°16	28° 6	28°42	7°38	n.a.	W 5
T 6	10 48 57	12°49'28	9♍ 1	29°54	6°53	26°52	12°14	3°55	12°38	15° 1	24°15	27°53	28°39	7°45	n.a.	T 6
F 7	10 52 53	13°46'29	21°32	1♓53	8° 3	27°24	12°18	3°55	12°40	15° 2	24°13	27°41	28°36	7°51	n.a.	F 7
S 8	10 56 50	14°43'30	3♎50	3°54	9°13	27°57	12°23	3°55	12°43	15° 3	24°12	27°31	28°33	7°58	n.a.	S 8
S 9	11 0 46	15°40'30	15°56	5°57	10°23	28°29	12°29	3°D55	12°45	15° 5	24°10	27°22	28°30	8° 5	n.a.	S 9
M10	11 4 43	16°37'30	27°53	8° 2	11°34	29° 2	12°34	3°55	12°47	15° 6	24° 9	27°16	28°26	8°11	n.a.	M10
T 11	11 8 39	17°34'30	9♏44	10° 9	12°44	29°35	12°39	3°55	12°50	15° 7	24° 7	27°12	28°23	8°18	n.a.	T 11
W12	11 12 36	18°31'29	21°31	12°17	13°55	0♊ 8	12°45	3°55	12°52	15° 9	24° 6	27°11	28°20	8°24	n.a.	W12
T 13	11 16 32	19°28'29	3♐21	14°26	15° 5	0°41	12°50	3°56	12°55	15°10	24° 4	27°D11	28°17	8°31	n.a.	T 13
F 14	11 20 29	20°25'28	15°17	16°36	16°16	1°14	12°56	3°56	12°57	15°11	24° 3	27°R11	28°14	8°38	n.a.	F 14
S 15	11 24 26	21°22'28	27°26	18°46	17°26	1°47	13° 2	3°57	13° 0	15°13	24° 1	27°11	28°11	8°44	n.a.	S 15
S 16	11 28 22	22°19'27	9♑52	20°57	18°37	2°21	13° 8	3°57	13° 3	15°14	24° 0	27°10	28° 7	8°51	n.a.	S 16
M17	11 32 19	23°16'27	22°40	23° 8	19°48	2°54	13°15	3°58	13° 5	15°16	23°58	27° 6	28° 4	8°58	n.a.	M17
T 18	11 36 15	24°13'26	5♒53	25°19	20°58	3°28	13°21	3°59	13° 8	15°17	23°57	27° 0	28° 1	9° 4	n.a.	T 18
W19	11 40 12	25°10'26	19°34	27°29	22° 9	4° 2	13°28	4° 0	13°11	15°19	23°56	26°53	27°58	9°11	n.a.	W19
T 20	11 44 8	26° 7'25	3♓42	29°39	23°20	4°36	13°34	4° 1	13°14	15°21	23°54	26°44	27°55	9°18	n.a.	T 20
F 21	11 48 5	27° 4'25	18°11	1♈48	24°31	5°10	13°41	4° 2	13°16	15°22	23°53	26°34	27°51	9°24	n.a.	F 21
S 22	11 52 2	28° 1'24	2♈58	3°56	25°42	5°44	13°48	4° 3	13°19	15°24	23°52	26°26	27°48	9°31	n.a.	S 22
S 23	11 55 58	28°58'24	17°52	6° 2	26°53	6°18	13°55	4° 4	13°22	15°25	23°50	26°19	27°45	9°38	n.a.	S 23
M24	11 59 55	29°55'23	2♉46	8° 7	28° 4	6°53	14° 2	4° 6	13°25	15°27	23°49	26°15	27°42	9°44	n.a.	M24
T 25	12 3 51	0♈52'22	17°32	10°11	29°15	7°27	14°10	4° 7	13°28	15°29	23°48	26°13	27°39	9°51	n.a.	T 25
W26	12 7 48	1°49'21	2♊ 5	12°13	0♓27	8° 2	14°17	4° 9	13°31	15°30	23°47	26°D13	27°36	9°58	n.a.	W26
T 27	12 11 44	2°46'21	16°20	14°13	1°38	8°37	14°25	4°11	13°34	15°32	23°45	26°14	27°32	10° 4	n.a.	T 27
F 28	12 15 41	3°43'20	0♋16	16°11	2°49	9°12	14°32	4°12	13°37	15°34	23°44	26°R14	27°29	10°11	n.a.	F 28
S 29	12 19 38	4°40'19	13°54	18° 7	4° 0	9°47	14°40	4°14	13°40	15°36	23°43	26°14	27°26	10°18	n.a.	S 29
S 30	12 23 34	5♈37'17	27♋14	20♈ 1	5♓12	10♊22	14♊48	4♋16	13♉43	15♉38	23♌42	26♉12	27♉23	10♏24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s47	26n57	2n53	16s59	2s 2	21s47	1s20	21n21	2n 3	24n 1	1n11	25n50	1n47	16n 3	0n 3	16n 6	0s42	28n48	16n 6	20n25	20n29	12s30		n.a.
S 2	8 25	26 44	3 46	16 17	1 55	21 33	1 22	21 28	2 2	24 2	1 11	25 50	1 47	16 4	0 3	16 6	0 42	28 48	16 6	20 24	20 28	12 33		n.a.
M 3	8 3	24 59	4 26	15 32	1 48	21 18	1 24	21 35	2 2	24 2	1 11	25 50	1 47	16 4	0 3	16 6	0 42	28 49	16 5	20 23	20 28	12 36		n.a.
T 4	7 40	21 54	4 51	14 46	1 40	21 3	1 25	21 42	2 1	24 3	1 11	25 50	1 47	16 5	0 3	16 7	0 42	28 49	16 5	20 20	20 27	12 39		n.a.
W 5	7 18	17 48	5 1	13 57	1 32	20 47	1 27	21 50	2 0	24 3	1 11	25 50	1 47	16 6	0 3	16 7	0 42	28 49	16 5	20 18	20 26	12 42		n.a.
T 6	6 56	12 57	4 55	13 7	1 23	20 30	1 29	21 57	2 0	24 4	1 11	25 50	1 46	16 6	0 3	16 8	0 42	28 50	16 5	20 15	20 25	12 45		n.a.
F 7	6 33	7 39	4 36	12 15	1 14	20 13	1 30	22 4	1 59	24 4	1 11	25 50	1 46	16 7	0 3	16 8	0 42	28 50	16 5	20 12	20 25	12 48		n.a.
S 8	6 11	2 8	4 3	11 21	1 5	19 56	1 32	22 11	1 58	24 5	1 10	25 50	1 46	16 8	0 3	16 8	0 42	28 50	16 4	20 10	20 24	12 51		n.a.
S 9	5 48	3s22	3 20	10 26	0 55	19 38	1 33	22 17	1 57	24 6	1 10	25 50	1 46	16 9	0 3	16 9	0 42	28 51	16 4	20 8	20 23	12 54		n.a.
M10	5 25	8 42	2 29	9 29	0 45	19 19	1 35	22 24	1 57	24 6	1 10	25 49	1 46	16 9	0 3	16 9	0 42	28 51	16 4	20 6	20 22	12 57		n.a.
T 11	5 3	13 42	1 32	8 30	0 34	19 0	1 36	22 31	1 56	24 7	1 10	25 49	1 46	16 10	0 3	16 10	0 42	28 51	16 3	20 5	20 22	13 0		n.a.
W12	4 40	18 10	0 30	7 31	0 24	18 40	1 37	22 38	1 55	24 7	1 10	25 49	1 46	16 11	0 3	16 10	0 42	28 52	16 3	20 5	20 21	13 3		n.a.
T 13	4 17	21 57	0s33	6 30	0 13	18 20	1 38	22 44	1 55	24 8	1 10	25 49	1 46	16 12	0 3	16 11	0 42	28 52	16 3	20 5	20 20	13 6		n.a.
F 14	3 54	24 51	1 35	5 29	0 3	17 59	1 39	22 51	1 54	24 9	1 10	25 49	1 46	16 13	0 3	16 11	0 42	28 52	16 3	20 5	20 20	13 9		n.a.
S 15	3 31	26 39	2 34	4 27	0n 8	17 38	1 40	22 57	1 53	24 9	1 10	25 49	1 46	16 13	0 3	16 11	0 42	28 52	16 2	20 5	20 19	13 12		n.a.
S 16	3 8	27 11	3 27	3 25	0 18	17 16	1 41	23 3	1 53	24 10	1 10	25 49	1 45	16 14	0 3	16 12	0 42	28 53	16 2	20 5	20 18	13 15		n.a.
M17	2 45	26 17	4 12	2 22	0 28	16 54	1 42	23 9	1 52	24 11	1 9	25 49	1 45	16 15	0 3	16 12	0 42	28 53	16 2	20 4	20 17	13 18		n.a.
T 18	2 21	23 54	4 44	1 20	0 38	16 31	1 42	23 15	1 51	24 12	1 9	25 48	1 45	16 16	0 3	16 13	0 42	28 53	16 1	20 2	20 17	13 21		n.a.
W19	1 58	20 7	5 2	0 18	0 47	16 8	1 43	23 21	1 50	24 12	1 9	25 48	1 45	16 17	0 3	16 13	0 42	28 53	16 1	20 1	20 16	13 23		n.a.
T 20	1 35	15 6	5 2	0n43	0 57	15 45	1 44	23 27	1 50	24 13	1 9	25 48	1 45	16 18	0 3	16 14	0 42	28 53	16 1	19 59	20 15	13 26		n.a.
F 21	1 12	9 7	4 43	1 44	1 5	15 21	1 44	23 33	1 49	24 14	1 9	25 48	1 45	16 19	0 3	16 14	0 42	28 54	16 0	19 56	20 14	13 29		n.a.
S 22	0 48	2 31	4 5	2 43	1 14	14 57	1 44	23 39	1 48	24 15	1 9	25 48	1 45	16 19	0 3	16 15	0 42	28 54	16 0	19 54	20 14	13 32		n.a.
S 23	0 25	4n17	3 10	3 42	1 21	14 32	1 45	23 44	1 48	24 15	1 9	25 48	1 45	16 20	0 3	16 15	0 42	28 54	16 0	19 53	20 13	13 35		n.a.
M24	0 2	10 52	2 2	4 39	1 28	14 7	1 45	23 50	1 47	24 16	1 9	25 48	1 45	16 21	0 3	16 16	0 42	28 54	15 59	19 52	20 12	13 38		n.a.
T 25	0n21	16 48	0 46	5 35	1 35	13 41	1 45	23 55	1 46	24 17	1 9	25 47	1 44	16 22	0 3	16 16	0 42	28 54	15 59	19 51	20 12	13 41		n.a.
W26	0 45	21 41	0n31	6 30	1 41	13 15	1 45	24 0	1 46	24 18	1 9	25 47	1 44	16 23	0 3	16 17	0 42	28 54	15 58	19 51	20 11	13 44		n.a.
T 27	1 8	25 9	1 46	7 23	1 46	12 49	1 45	24 5	1 45	24 19	1 8	25 47	1 44	16 24	0 3	16 18	0 42	28 54	15 58	19 51	20 10	13 47		n.a.
F 28	1 31	27 0	2 53	8 14	1 51	12 23	1 45	24 10	1 44	24 19	1 8	25 47	1 44	16 25	0 3	16 18	0 42	28 54	15 58	19 52	20 9	13 50		n.a.
S 29	1 54	27 8	3 48	9 4	1 55	11 56	1 45	24 15	1 43	24 20	1 8	25 47	1 44	16 26	0 3	16 19	0 42	28 54	15 57	19 51	20 9	13 53		n.a.
S 30	2n18	25n42	4n29	9n52	1n59	11s29	1s44	24n20	1n43	24n21	1n 8	25n47	1n44	16n27	0n 3	16n19	0s42	28n54	15n57	19n51	20n 8	13s56		n.a.

Julian Day Number = 195864.5, Delta T = 32h19m22s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'15, Lahiri = -61°20'15 Julian Calendar 1 Apr. 4177 BCE == Greg. Calendar 28 Feb. 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

MAY 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 27 31	6♈34'16	10♌19	21♈54	6♓23	10♊57	14♊56	4♋18	13♉46	15♉39	23°R41	26°R 8	27♉20	10♏31	n.a.	M 1
T 2	12 31 27	7°31'15	23° 9	23°44	7°35	11°33	15° 5	4°20	13°49	15°41	23♌40	26♉ 2	27°17	10°38	n.a.	T 2
W 3	12 35 24	8°28'14	5♍47	25°32	8°46	12° 8	15°13	4°23	13°52	15°43	23°39	25°54	27°13	10°44	n.a.	W 3
T 4	12 39 21	9°25'13	18°12	27°19	9°58	12°44	15°21	4°25	13°56	15°45	23°38	25°46	27°10	10°51	n.a.	T 4
F 5	12 43 17	10°22'12	0♎28	29° 3	11°10	13°19	15°30	4°27	13°59	15°47	23°37	25°38	27° 7	10°58	n.a.	F 5
S 6	12 47 14	11°19'12	12°34	0♉46	12°21	13°55	15°39	4°30	14° 2	15°49	23°36	25°31	27° 4	11° 4	n.a.	S 6
S 7	12 51 10	12°16'13	24°32	2°26	13°33	14°31	15°47	4°32	14° 5	15°51	23°35	25°25	27° 1	11°11	n.a.	S 7
M 8	12 55 7	13°13'14	6♏23	4° 4	14°45	15° 7	15°56	4°35	14° 9	15°52	23°34	25°21	26°57	11°17	n.a.	M 8
T 9	12 59 3	14°10'15	18°11	5°41	15°57	15°43	16° 5	4°38	14°12	15°54	23°33	25°19	26°54	11°24	n.a.	T 9
W10	13 3 0	15° 7'18	29°58	7°15	17° 9	16°19	16°14	4°41	14°15	15°56	23°32	25°D19	26°51	11°31	n.a.	W10
T 11	13 6 57	16° 4'21	11♐48	8°47	18°21	16°56	16°23	4°44	14°19	15°58	23°31	25°20	26°48	11°37	n.a.	T 11
F 12	13 10 53	17° 1'25	23°45	10°18	19°33	17°32	16°33	4°47	14°22	16° 0	23°30	25°22	26°45	11°44	n.a.	F 12
S 13	13 14 50	17°58'30	5♑53	11°46	20°45	18° 9	16°42	4°50	14°26	16° 2	23°30	25°23	26°42	11°51	n.a.	S 13
S 14	13 18 46	18°55'36	18°18	13°12	21°57	18°45	16°52	4°53	14°29	16° 4	23°29	25°R24	26°38	11°57	n.a.	S 14
M15	13 22 43	19°52'43	1♒ 4	14°36	23° 9	19°22	17° 1	4°56	14°32	16° 6	23°28	25°23	26°35	12° 4	n.a.	M15
T 16	13 26 39	20°49'52	14°15	15°58	24°21	19°59	17°11	5° 0	14°36	16° 8	23°28	25°21	26°32	12°11	n.a.	T 16
W17	13 30 36	21°47'01	27°53	17°18	25°33	20°36	17°21	5° 3	14°39	16°10	23°27	25°18	26°29	12°17	n.a.	W17
T 18	13 34 33	22°44'11	12♓ 0	18°35	26°46	21°12	17°31	5° 7	14°43	16°13	23°26	25°14	26°26	12°24	n.a.	T 18
F 19	13 38 29	23°41'22	26°32	19°50	27°58	21°50	17°41	5°10	14°46	16°15	23°26	25° 9	26°22	12°31	n.a.	F 19
S 20	13 42 26	24°38'35	11♈25	21° 3	29°10	22°27	17°51	5°14	14°50	16°17	23°25	25° 5	26°19	12°37	n.a.	S 20
S 21	13 46 22	25°35'48	26°30	22°14	0♈23	23° 4	18° 1	5°18	14°53	16°19	23°24	25° 2	26°16	12°44	n.a.	S 21
M22	13 50 19	26°33'03	11♉39	23°22	1°35	23°41	18°11	5°21	14°57	16°21	23°24	25° 0	26°13	12°51	n.a.	M22
T 23	13 54 15	27°30'18	26°43	24°27	2°48	24°19	18°21	5°25	15° 1	16°23	23°24	24°D59	26°10	12°57	n.a.	T 23
W24	13 58 12	28°27'35	11♊32	25°30	4° 1	24°57	18°32	5°29	15° 4	16°25	23°23	25° 0	26° 7	13° 4	n.a.	W24
T 25	14 2 9	29°24'52	26° 2	26°30	5°13	25°34	18°42	5°33	15° 8	16°27	23°23	25° 1	26° 3	13°11	n.a.	T 25
F 26	14 6 5	0♉22'11	10♋ 8	27°27	6°26	26°12	18°53	5°38	15°11	16°30	23°22	25° 3	26° 0	13°17	n.a.	F 26
S 27	14 10 2	1°19'30	23°51	28°21	7°39	26°50	19° 4	5°42	15°15	16°32	23°22	25° 3	25°57	13°24	n.a.	S 27
S 28	14 13 58	2°16'50	7♌11	29°11	8°51	27°28	19°14	5°46	15°19	16°34	23°22	25°R 4	25°54	13°30	n.a.	S 28
M29	14 17 55	3°14'11	20°10	29°59	10° 4	28° 6	19°25	5°50	15°22	16°36	23°21	25° 3	25°51	13°37	n.a.	M29
T 30	14 21 52	4°11'32	2♍51	0♊43	11°17	28°44	19°36	5°55	15°26	16°38	23°21	25° 1	25°48	13°44	n.a.	T 30
W31	14 25 48	5♉ 8'55	15♍17	1♊23	12♈30	29♊22	19♊47	5♋59	15♉30	16♉40	23♌21	24♉58	25♉44	13♏50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	2n41	22n53	4n56	10n38	2n 1	11s 1	1s44	24n24	1n42	24n22	1n 8	25n46	1n44	16n28	0n 3	16n20	0s41	28n54	15n56	19n50	20n 7	13s59			n.a.
T 2	3 4	19 0	5 7	11 22	2 4	10 34	1 44	24 29	1 41	24 23	1 8	25 46	1 44	16 29	0 3	16 20	0 41	28 54	15 56	19 48	20 6	14 2			n.a.
W 3	3 27	14 19	5 3	12 5	2 5	10 6	1 43	24 33	1 41	24 24	1 8	25 46	1 44	16 30	0 3	16 21	0 41	28 54	15 56	19 47	20 6	14 5			n.a.
T 4	3 50	9 8	4 44	12 46	2 6	9 37	1 42	24 37	1 40	24 25	1 8	25 46	1 43	16 31	0 3	16 22	0 41	28 54	15 55	19 45	20 5	14 8			n.a.
F 5	4 13	3 40	4 13	13 25	2 7	9 9	1 42	24 41	1 39	24 26	1 8	25 46	1 43	16 32	0 3	16 22	0 41	28 54	15 55	19 43	20 4	14 11			n.a.
S 6	4 36	1s53	3 31	14 2	2 6	8 40	1 41	24 45	1 39	24 26	1 8	25 45	1 43	16 33	0 3	16 23	0 41	28 54	15 54	19 41	20 3	14 13			n.a.
S 7	4 59	7 19	2 39	14 37	2 6	8 11	1 40	24 49	1 38	24 27	1 8	25 45	1 43	16 34	0 3	16 23	0 41	28 54	15 54	19 39	20 3	14 16			n.a.
M 8	5 22	12 27	1 41	15 10	2 4	7 42	1 39	24 52	1 37	24 28	1 8	25 45	1 43	16 35	0 3	16 24	0 41	28 54	15 53	19 39	20 2	14 19			n.a.
T 9	5 44	17 7	0 39	15 42	2 2	7 12	1 39	24 56	1 37	24 29	1 8	25 45	1 43	16 36	0 3	16 24	0 41	28 54	15 53	19 38	20 1	14 22			n.a.
W10	6 7	21 8	0s25	16 12	2 0	6 42	1 38	24 59	1 36	24 30	1 7	25 45	1 43	16 37	0 3	16 25	0 41	28 54	15 52	19 38	20 0	14 25			n.a.
T 11	6 30	24 18	1 29	16 40	1 56	6 13	1 37	25 2	1 35	24 31	1 7	25 44	1 43	16 38	0 3	16 26	0 41	28 53	15 52	19 38	20 0	14 28			n.a.
F 12	6 52	26 26	2 29	17 6	1 53	5 42	1 35	25 5	1 34	24 32	1 7	25 44	1 43	16 39	0 3	16 26	0 41	28 53	15 51	19 39	19 59	14 31			n.a.
S 13	7 15	27 22	3 23	17 30	1 49	5 12	1 34	25 8	1 34	24 33	1 7	25 44	1 43	16 40	0 3	16 27	0 41	28 53	15 51	19 39	19 58	14 34			n.a.
S 14	7 37	26 56	4 9	17 53	1 44	4 42	1 33	25 10	1 33	24 34	1 7	25 44	1 42	16 41	0 3	16 28	0 41	28 53	15 50	19 39	19 57	14 37			n.a.
M15	7 59	25 6	4 45	18 14	1 39	4 11	1 32	25 13	1 32	24 35	1 7	25 44	1 42	16 42	0 3	16 28	0 41	28 53	15 50	19 39	19 56	14 40			n.a.
T 16	8 21	21 53	5 7	18 34	1 33	3 41	1 30	25 15	1 32	24 35	1 7	25 43	1 42	16 43	0 3	16 29	0 41	28 53	15 49	19 39	19 56	14 43			n.a.
W17	8 43	17 24	5 12	18 51	1 27	3 10	1 29	25 17	1 31	24 36	1 7	25 43	1 42	16 44	0 3	16 29	0 41	28 52	15 49	19 38	19 55	14 45			n.a.
T 18	9 5	11 50	4 59	19 7	1 20	2 39	1 27	25 19	1 30	24 37	1 7	25 43	1 42	16 45	0 3	16 30	0 41	28 52	15 48	19 37	19 54	14 48			n.a.
F 19	9 27	5 29	4 27	19 21	1 13	2 8	1 26	25 21	1 29	24 38	1 7	25 43	1 42	16 46	0 3	16 31	0 41	28 52	15 48	19 36	19 53	14 51			n.a.
S 20	9 48	1n20	3 36	19 34	1 5	1 37	1 24	25 22	1 29	24 39	1 7	25 42	1 42	16 47	0 3	16 31	0 41	28 51	15 47	19 34	19 53	14 54			n.a.
S 21	10 10	8 11	2 30	19 45	0 57	1 6	1 23	25 24	1 28	24 40	1 7	25 42	1 42	16 49	0 3	16 32	0 41	28 51	15 47	19 34	19 52	14 57			n.a.
M22	10 31	14 37	1 13	19 55	0 48	0 35	1 21	25 25	1 27	24 41	1 7	25 42	1 42	16 50	0 3	16 33	0 41	28 51	15 46	19 33	19 51	15 0			n.a.
T 23	10 53	20 7	0n 9	20 3	0 39	0 4	1 19	25 26	1 27	24 42	1 7	25 42	1 42	16 51	0 3	16 33	0 41	28 51	15 46	19 33	19 50	15 3			n.a.
W24	11 14	24 17	1 30	20 9	0 30	0n28	1 17	25 27	1 26	24 43	1 7	25 41	1 42	16 52	0 3	16 34	0 41	28 50	15 45	19 33	19 50	15 6			n.a.
T 25	11 35	26 46	2 43	20 14	0 20	0 59	1 16	25 28	1 25	24 43	1 7	25 41	1 41	16 53	0 3	16 35	0 41	28 50	15 44	19 34	19 49	15 8			n.a.
F 26	11 55	27 26	3 43	20 18	0 9	1 30	1 14	25 28	1 25	24 44	1 6	25 41	1 41	16 54	0 3	16 35	0 41	28 49	15 44	19 34	19 48	15 11			n.a.
S 27	12 16	26 22	4 30	20 20	0s 1	2 1	1 12	25 28	1 24	24 45	1 6	25 41	1 41	16 55	0 3	16 36	0 41	28 49	15 43	19 34	19 47	15 14			n.a.
S 28	12 36	23 49	5 0	20 21	0 12	2 33	1 10	25 29	1 23	24 46	1 6	25 40	1 41	16 56	0 3	16 37	0 41	28 49	15 43	19 34	19 47	15 17			n.a.
M29	12 56	20 7	5 14	20 20	0 24	3 4	1 8	25 29	1 22	24 47	1 6	25 40	1 41	16 57	0 3	16 37	0 41	28 48	15 42	19 34	19 46	15 20			n.a.
T 30	13 16	15 34	5 12	20 18	0 36	3 35	1 6	25 28	1 22	24 48	1 6	25 40	1 41	16 58	0 3	16 38	0 41	28 48	15 42	19 33	19 45	15 23			n.a.
W31	13n36	10n29	4n56	20n15	0s48	4n 6	1s 4	25n28	1n21	24n49	1n 6	25n39	1n41	17n 0	0n 3	16n38	0s41	28n47	15n41	19n33	19n44	15s26			n.a.

Julian Day Number = 195894.5, Delta T = 32h19m18s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'11, Lahiri = -61°20'11 Julian Calendar 1 May 4177 BCE == Greg. Calendar 29 March 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

JUNE 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 29 45	6♉ 6'19	27♍30	2♊ 0	13♈43	0♋ 0	19♊58	6♋ 4	15♉33	16♉43	23°R21	24°R55	25♉41	13♏57	n.a.	T 1
F 2	14 33 41	7° 3'44	9♎33	2°33	14°56	0°39	20° 9	6° 9	15°37	16°45	23♌21	24♉53	25°38	14° 4	n.a.	F 2
S 3	14 37 38	8° 1'10	21°30	3° 1	16° 9	1°17	20°20	6°13	15°41	16°47	23°20	24°50	25°35	14°10	n.a.	S 3
S 4	14 41 34	8°58'38	3♏21	3°25	17°22	1°56	20°32	6°18	15°44	16°49	23°20	24°48	25°32	14°17	n.a.	S 4
M 5	14 45 31	9°56'07	15° 9	3°44	18°35	2°34	20°43	6°23	15°48	16°51	23°20	24°47	25°28	14°24	n.a.	M 5
T 6	14 49 27	10°53'38	26°57	3°59	19°49	3°13	20°54	6°28	15°52	16°54	23°D20	24°D47	25°25	14°30	n.a.	T 6
W 7	14 53 24	11°51'10	8♐46	4° 8	21° 2	3°52	21° 6	6°33	15°55	16°56	23°20	24°48	25°22	14°37	n.a.	W 7
T 8	14 57 21	12°48'44	20°40	4°R13	22°15	4°31	21°17	6°38	15°59	16°58	23°20	24°48	25°19	14°44	n.a.	T 8
F 9	15 1 17	13°46'20	2♑42	4°12	23°28	5°10	21°29	6°43	16° 3	17° 0	23°20	24°49	25°16	14°50	n.a.	F 9
S 10	15 5 14	14°43'57	14°54	4° 6	24°42	5°49	21°41	6°48	16° 7	17° 3	23°21	24°50	25°13	14°57	n.a.	S 10
S 11	15 9 10	15°41'36	27°21	3°54	25°55	6°28	21°52	6°53	16°10	17° 5	23°21	24°51	25° 9	15° 4	n.a.	S 11
M12	15 13 7	16°39'17	10♒ 6	3°36	27° 9	7° 7	22° 4	6°59	16°14	17° 7	23°21	24°52	25° 6	15°10	n.a.	M12
T 13	15 17 3	17°37'00	23°12	3°13	28°22	7°47	22°16	7° 4	16°18	17° 9	23°21	24°R52	25° 3	15°17	n.a.	T 13
W14	15 21 0	18°34'45	6♓43	2°45	29°36	8°26	22°28	7°10	16°21	17°11	23°21	24°51	25° 0	15°24	n.a.	W14
T 15	15 24 57	19°32'32	20°41	2°11	0♉49	9° 5	22°40	7°15	16°25	17°14	23°22	24°51	24°57	15°30	n.a.	T 15
F 16	15 28 53	20°30'21	5♈ 3	1°33	2° 3	9°45	22°52	7°21	16°29	17°16	23°22	24°50	24°54	15°37	n.a.	F 16
S 17	15 32 50	21°28'12	19°48	0°50	3°17	10°25	23° 4	7°26	16°33	17°18	23°22	24°50	24°50	15°43	n.a.	S 17
S 18	15 36 46	22°26'04	4♉49	0° 4	4°30	11° 4	23°16	7°32	16°36	17°20	23°23	24°50	24°47	15°50	n.a.	S 18
M19	15 40 43	23°23'59	19°59	29♉14	5°44	11°44	23°28	7°37	16°40	17°23	23°23	24°D50	24°44	15°57	n.a.	M19
T 20	15 44 39	24°21'56	5♊ 9	28°22	6°58	12°24	23°40	7°43	16°44	17°25	23°24	24°R50	24°41	16° 3	n.a.	T 20
W21	15 48 36	25°19'54	20° 9	27°29	8°12	13° 4	23°53	7°49	16°47	17°27	23°24	24°50	24°38	16°10	n.a.	W21
T 22	15 52 33	26°17'54	4♋51	26°35	9°26	13°44	24° 5	7°55	16°51	17°29	23°25	24°50	24°34	16°17	n.a.	T 22
F 23	15 56 29	27°15'56	19° 9	25°42	10°40	14°24	24°17	8° 1	16°55	17°32	23°25	24°49	24°31	16°23	n.a.	F 23
S 24	16 0 26	28°14'00	3♌ 1	24°51	11°54	15° 5	24°30	8° 7	16°58	17°34	23°26	24°49	24°28	16°30	n.a.	S 24
S 25	16 4 22	29°12'05	16°27	24° 3	13° 8	15°45	24°42	8°13	17° 2	17°36	23°27	24°49	24°25	16°37	n.a.	S 25
M26	16 8 19	0♊10'12	29°28	23°19	14°22	16°25	24°55	8°19	17° 6	17°38	23°27	24°D49	24°22	16°43	n.a.	M26
T 27	16 12 15	1° 8'20	12♍ 6	22°40	15°36	17° 6	25° 7	8°25	17° 9	17°40	23°28	24°49	24°19	16°50	n.a.	T 27
W28	16 16 12	2° 6'30	24°27	22° 6	16°50	17°46	25°20	8°31	17°13	17°42	23°29	24°49	24°15	16°57	n.a.	W28
T 29	16 20 8	3° 4'42	6♎34	21°40	18° 4	18°27	25°32	8°37	17°17	17°45	23°29	24°50	24°12	17° 3	n.a.	T 29
F 30	16 24 5	4♊ 2'56	18♎30	21♉21	19♉19	19♋ 8	25♊45	8♋43	17♉20	17♉47	23♌30	24♉51	24♉ 9	17♏10	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n56	5n 4	4n26	20n10	1s 0	4n37	1s 1	25n27	1n20	24n50	1n 6	25n39	1n41	17n 1	0n 3	16n39	0s41	28n47	15n41	19n32	19n43	15s29		n.a.
F 2	14 15	0s28	3 45	20 4	1 13	5 8	0 59	25 26	1 20	24 50	1 6	25 39	1 41	17 2	0 3	16 40	0 41	28 46	15 40	19 31	19 43	15 31		n.a.
S 3	14 34	5 56	2 54	19 57	1 26	5 39	0 57	25 25	1 19	24 51	1 6	25 39	1 41	17 3	0 3	16 40	0 41	28 46	15 39	19 31	19 42	15 34		n.a.
S 4	14 53	11 10	1 56	19 49	1 39	6 10	0 55	25 24	1 18	24 52	1 6	25 38	1 41	17 4	0 3	16 41	0 41	28 45	15 39	19 30	19 41	15 37		n.a.
M 5	15 12	16 0	0 53	19 40	1 52	6 41	0 53	25 23	1 17	24 53	1 6	25 38	1 41	17 5	0 3	16 42	0 41	28 45	15 38	19 30	19 40	15 40		n.a.
T 6	15 31	20 13	0s12	19 30	2 5	7 11	0 50	25 21	1 17	24 54	1 6	25 38	1 41	17 6	0 3	16 42	0 41	28 44	15 38	19 30	19 40	15 43		n.a.
W 7	15 49	23 39	1 17	19 19	2 18	7 42	0 48	25 19	1 16	24 54	1 6	25 37	1 40	17 7	0 3	16 43	0 41	28 44	15 37	19 30	19 39	15 46		n.a.
T 8	16 7	26 5	2 19	19 7	2 31	8 12	0 46	25 17	1 15	24 55	1 6	25 37	1 40	17 8	0 3	16 44	0 41	28 43	15 37	19 30	19 38	15 48		n.a.
F 9	16 25	27 20	3 15	18 54	2 44	8 42	0 43	25 15	1 14	24 56	1 6	25 37	1 40	17 10	0 3	16 44	0 41	28 43	15 36	19 31	19 37	15 51		n.a.
S 10	16 43	27 17	4 4	18 40	2 57	9 12	0 41	25 13	1 14	24 57	1 6	25 36	1 40	17 11	0 3	16 45	0 41	28 42	15 35	19 31	19 36	15 54		n.a.
S 11	17 0	25 53	4 42	18 26	3 9	9 42	0 39	25 10	1 13	24 57	1 6	25 36	1 40	17 12	0 3	16 46	0 41	28 42	15 35	19 31	19 36	15 57		n.a.
M12	17 17	23 7	5 7	18 11	3 21	10 11	0 36	25 7	1 12	24 58	1 6	25 36	1 40	17 13	0 3	16 46	0 41	28 41	15 34	19 31	19 35	16 0		n.a.
T 13	17 34	19 8	5 17	17 56	3 32	10 40	0 34	25 4	1 12	24 59	1 6	25 35	1 40	17 14	0 3	16 47	0 41	28 40	15 34	19 31	19 34	16 3		n.a.
W14	17 50	14 4	5 11	17 40	3 42	11 9	0 31	25 1	1 11	24 59	1 6	25 35	1 40	17 15	0 3	16 48	0 41	28 40	15 33	19 31	19 33	16 5		n.a.
T 15	18 7	8 9	4 46	17 25	3 51	11 38	0 29	24 58	1 10	25 0	1 6	25 35	1 40	17 16	0 3	16 48	0 41	28 39	15 33	19 31	19 32	16 8		n.a.
F 16	18 23	1 38	4 3	17 9	3 59	12 7	0 26	24 54	1 9	25 1	1 6	25 34	1 40	17 17	0 3	16 49	0 41	28 38	15 32	19 31	19 32	16 11		n.a.
S 17	18 38	5n 9	3 3	16 54	4 6	12 35	0 24	24 50	1 9	25 1	1 6	25 34	1 40	17 18	0 3	16 50	0 41	28 38	15 31	19 31	19 31	16 14		n.a.
S 18	18 54	11 47	1 49	16 39	4 11	13 3	0 21	24 46	1 8	25 2	1 6	25 33	1 40	17 19	0 3	16 50	0 41	28 37	15 31	19 31	19 30	16 17		n.a.
M19	19 9	17 48	0 27	16 24	4 15	13 31	0 19	24 42	1 7	25 3	1 6	25 33	1 40	17 21	0 3	16 51	0 41	28 36	15 30	19 31	19 29	16 19		n.a.
T 20	19 24	22 42	0n57	16 11	4 17	13 58	0 16	24 37	1 6	25 3	1 6	25 33	1 40	17 22	0 3	16 52	0 41	28 36	15 30	19 31	19 28	16 22		n.a.
W21	19 38	26 0	2 16	15 59	4 17	14 25	0 14	24 33	1 6	25 4	1 6	25 32	1 40	17 23	0 3	16 52	0 41	28 35	15 29	19 31	19 28	16 25		n.a.
T 22	19 52	27 26	3 25	15 48	4 15	14 52	0 11	24 28	1 5	25 5	1 6	25 32	1 40	17 24	0 3	16 53	0 41	28 34	15 28	19 31	19 27	16 28		n.a.
F 23	20 6	26 58	4 18	15 39	4 12	15 18	0 9	24 23	1 4	25 5	1 6	25 31	1 40	17 25	0 3	16 54	0 41	28 33	15 28	19 31	19 26	16 31		n.a.
S 24	20 20	24 48	4 55	15 32	4 6	15 44	0 6	24 17	1 4	25 6	1 6	25 31	1 40	17 26	0 3	16 54	0 40	28 33	15 27	19 31	19 25	16 33		n.a.
S 25	20 33	21 19	5 14	15 28	3 59	16 10	0 4	24 12	1 3	25 6	1 6	25 31	1 40	17 27	0 3	16 55	0 40	28 32	15 27	19 30	19 24	16 36		n.a.
M26	20 45	16 54	5 17	15 26	3 50	16 35	0 1	24 6	1 2	25 7	1 6	25 30	1 40	17 28	0 3	16 56	0 40	28 31	15 26	19 30	19 24	16 39		n.a.
T 27	20 58	11 51	5 3	15 26	3 39	17 0	0n 1	24 0	1 1	25 7	1 6	25 30	1 39	17 29	0 3	16 56	0 40	28 30	15 26	19 30	19 23	16 42		n.a.
W28	21 10	6 28	4 36	15 29	3 27	17 24	0 4	23 54	1 1	25 8	1 6	25 29	1 39	17 30	0 3	16 57	0 40	28 30	15 25	19 31	19 22	16 45		n.a.
T 29	21 22	0 56	3 57	15 35	3 13	17 48	0 6	23 47	1 0	25 8	1 6	25 29	1 39	17 31	0 3	16 57	0 40	28 29	15 24	19 31	19 21	16 47		n.a.
F 30	21n33	4s34	3n 8	15n44	2s59	18n11	0n 9	23n41	0n59	25n 9	1n 6	25n28	1n39	17n32	0n 3	16n58	0s40	28n28	15n24	19n31	19n20	16s50		n.a.

Julian Day Number = 195925.5, Delta T = 32h19m15s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'07, Lahiri = -61°20'06 Julian Calendar 1 June 4177 BCE == Greg. Calendar 29 Apr. 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

JULY 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 28 1	5♊ 1'11	0♏21	21°R10	20♉33	19♋49	25♊58	8♋50	17♉24	17♉49	23♌31	24♉52	24♉ 6	17♏17	n.a.	S 1
S 2	16 31 58	5°59'29	12° 9	21°D 7	21°47	20°29	26°10	8°56	17°27	17°51	23°32	24°53	24° 3	17°23	n.a.	S 2
M 3	16 35 55	6°57'48	23°57	21♉13	23° 2	21°10	26°23	9° 2	17°31	17°53	23°33	24°R53	23°59	17°30	n.a.	M 3
T 4	16 39 51	7°56'10	5♐48	21°28	24°16	21°51	26°36	9° 9	17°35	17°55	23°34	24°53	23°56	17°36	n.a.	T 4
W 5	16 43 48	8°54'33	17°44	21°51	25°30	22°33	26°49	9°15	17°38	17°58	23°35	24°52	23°53	17°43	n.a.	W 5
T 6	16 47 44	9°52'59	29°47	22°23	26°45	23°14	27° 1	9°21	17°42	18° 0	23°36	24°50	23°50	17°50	n.a.	T 6
F 7	16 51 41	10°51'27	11♑59	23° 3	27°59	23°55	27°14	9°28	17°45	18° 2	23°37	24°48	23°47	17°56	n.a.	F 7
S 8	16 55 37	11°49'57	24°21	23°51	29°14	24°36	27°27	9°34	17°49	18° 4	23°38	24°45	23°44	18° 3	n.a.	S 8
S 9	16 59 34	12°48'30	6♒57	24°47	0♊29	25°18	27°40	9°41	17°52	18° 6	23°39	24°43	23°40	18°10	n.a.	S 9
M10	17 3 30	13°47'05	19°47	25°50	1°43	25°59	27°53	9°48	17°56	18° 8	23°40	24°41	23°37	18°16	n.a.	M10
T 11	17 7 27	14°45'43	2♓55	27° 0	2°58	26°41	28° 6	9°54	17°59	18°10	23°41	24°39	23°34	18°23	n.a.	T 11
W12	17 11 24	15°44'23	16°21	28°17	4°12	27°22	28°19	10° 1	18° 2	18°12	23°43	24°D39	23°31	18°30	n.a.	W12
T 13	17 15 20	16°43'05	0♈ 8	29°39	5°27	28° 4	28°32	10° 8	18° 6	18°14	23°44	24°39	23°28	18°36	n.a.	T 13
F 14	17 19 17	17°41'50	14°16	1♊ 6	6°42	28°46	28°45	10°14	18° 9	18°16	23°45	24°40	23°25	18°43	n.a.	F 14
S 15	17 23 13	18°40'37	28°43	2°37	7°57	29°28	28°58	10°21	18°13	18°18	23°46	24°42	23°21	18°50	n.a.	S 15
S 16	17 27 10	19°39'27	13♉27	4°13	9°12	0♌10	29°11	10°28	18°16	18°20	23°48	24°43	23°18	18°56	n.a.	S 16
M17	17 31 6	20°38'20	28°23	5°52	10°27	0°52	29°24	10°35	18°19	18°22	23°49	24°R43	23°15	19° 3	n.a.	M17
T 18	17 35 3	21°37'15	13♊23	7°34	11°41	1°34	29°37	10°41	18°22	18°24	23°50	24°42	23°12	19°10	n.a.	T 18
W19	17 38 59	22°36'12	28°19	9°18	12°56	2°16	29°51	10°48	18°26	18°26	23°52	24°40	23° 9	19°16	n.a.	W19
T 20	17 42 56	23°35'11	13♋ 2	11° 4	14°11	2°58	0♋ 4	10°55	18°29	18°28	23°53	24°36	23° 5	19°23	n.a.	T 20
F 21	17 46 52	24°34'13	27°26	12°51	15°26	3°40	0°17	11° 2	18°32	18°30	23°55	24°32	23° 2	19°29	n.a.	F 21
S 22	17 50 49	25°33'17	11♌25	14°40	16°41	4°23	0°30	11° 9	18°35	18°32	23°56	24°27	22°59	19°36	n.a.	S 22
S 23	17 54 45	26°32'23	24°57	16°30	17°56	5° 5	0°43	11°16	18°38	18°33	23°58	24°23	22°56	19°43	n.a.	S 23
M24	17 58 42	27°31'30	8♍ 3	18°20	19°12	5°48	0°56	11°23	18°42	18°35	23°59	24°20	22°53	19°49	n.a.	M24
T 25	18 2 39	28°30'40	20°44	20°10	20°27	6°30	1° 9	11°30	18°45	18°37	24° 1	24°18	22°50	19°56	n.a.	T 25
W26	18 6 35	29°29'52	3♎ 5	22° 0	21°42	7°13	1°23	11°37	18°48	18°39	24° 2	24°D18	22°46	20° 3	n.a.	W26
T 27	18 10 32	0♋29'05	15°10	23°51	22°57	7°56	1°36	11°44	18°51	18°41	24° 4	24°19	22°43	20° 9	n.a.	T 27
F 28	18 14 28	1°28'21	27° 4	25°40	24°12	8°39	1°49	11°51	18°54	18°42	24° 6	24°21	22°40	20°16	n.a.	F 28
S 29	18 18 25	2°27'39	8♏52	27°30	25°27	9°21	2° 2	11°58	18°57	18°44	24° 7	24°23	22°37	20°23	n.a.	S 29
S 30	18 22 21	3°26'59	20°40	29°19	26°43	10° 4	2°15	12° 5	19° 0	18°46	24° 9	24°R24	22°34	20°29	n.a.	S 30
M31	18 26 18	4♋26'21	2♐30	1♋ 8	27♊58	10♌47	2♋29	12♋12	19♉ 2	18♉48	24♌11	24♉23	22♉31	20♏36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n44	9s52	2n12	15n56	2s44	18n34	0n11	23n34	0n58	25n 9	1n 6	25n28	1n39	17n34	0n 3	16n59	0s40	28n27	15n23	19n31	19n20	16s53		n.a.
S 2	21 55	14 48	1 10	16 10	2 28	18 57	0 14	23 27	0 58	25 9	1 6	25 27	1 39	17 35	0 3	16 59	0 40	28 26	15 23	19 31	19 19	16 56		n.a.
M 3	22 5	19 12	0 5	16 28	2 11	19 19	0 16	23 20	0 57	25 10	1 6	25 27	1 39	17 36	0 4	17 0	0 40	28 25	15 22	19 31	19 18	16 58		n.a.
T 4	22 15	22 52	1s 0	16 48	1 55	19 40	0 18	23 12	0 56	25 10	1 6	25 27	1 39	17 37	0 4	17 1	0 40	28 25	15 22	19 31	19 17	17 1		n.a.
W 5	22 24	25 35	2 3	17 10	1 38	20 1	0 21	23 5	0 55	25 11	1 6	25 26	1 39	17 38	0 4	17 1	0 40	28 24	15 21	19 31	19 16	17 4		n.a.
T 6	22 33	27 8	3 1	17 35	1 21	20 21	0 23	22 57	0 55	25 11	1 6	25 26	1 39	17 39	0 4	17 2	0 40	28 23	15 21	19 31	19 16	17 7		n.a.
F 7	22 42	27 24	3 52	18 1	1 5	20 41	0 25	22 49	0 54	25 11	1 6	25 25	1 39	17 40	0 4	17 2	0 40	28 22	15 20	19 30	19 15	17 9		n.a.
S 8	22 50	26 19	4 32	18 29	0 49	21 0	0 28	22 41	0 53	25 11	1 6	25 25	1 39	17 41	0 4	17 3	0 40	28 21	15 19	19 30	19 14	17 12		n.a.
S 9	22 58	23 53	5 0	18 58	0 33	21 19	0 30	22 32	0 52	25 12	1 6	25 24	1 39	17 42	0 4	17 4	0 40	28 20	15 19	19 29	19 13	17 15		n.a.
M10	23 6	20 15	5 14	19 28	0 18	21 37	0 32	22 23	0 52	25 12	1 6	25 24	1 39	17 43	0 4	17 4	0 40	28 19	15 18	19 28	19 12	17 18		n.a.
T 11	23 13	15 33	5 12	19 59	0 4	21 54	0 34	22 15	0 51	25 12	1 6	25 23	1 39	17 44	0 4	17 5	0 40	28 18	15 18	19 28	19 12	17 20		n.a.
W12	23 20	10 1	4 53	20 30	0n10	22 11	0 37	22 5	0 50	25 12	1 6	25 22	1 39	17 45	0 4	17 5	0 40	28 17	15 17	19 28	19 11	17 23		n.a.
T 13	23 26	3 51	4 17	21 1	0 23	22 27	0 39	21 56	0 49	25 13	1 6	25 22	1 39	17 46	0 4	17 6	0 40	28 16	15 17	19 28	19 10	17 26		n.a.
F 14	23 32	2n39	3 25	21 32	0 35	22 43	0 41	21 47	0 48	25 13	1 6	25 21	1 39	17 47	0 4	17 6	0 40	28 16	15 16	19 28	19 9	17 29		n.a.
S 15	23 37	9 10	2 18	22 1	0 46	22 58	0 43	21 37	0 48	25 13	1 6	25 21	1 39	17 48	0 4	17 7	0 40	28 15	15 16	19 29	19 8	17 31		n.a.
S 16	23 42	15 21	1 2	22 30	0 56	23 12	0 45	21 27	0 47	25 13	1 6	25 20	1 39	17 49	0 4	17 8	0 40	28 14	15 15	19 29	19 7	17 34		n.a.
M17	23 46	20 41	0n20	22 58	1 5	23 25	0 47	21 17	0 46	25 13	1 6	25 20	1 39	17 50	0 4	17 8	0 40	28 13	15 15	19 29	19 7	17 37		n.a.
T 18	23 50	24 43	1 41	23 24	1 14	23 38	0 49	21 7	0 45	25 13	1 6	25 19	1 39	17 51	0 4	17 9	0 40	28 12	15 14	19 29	19 6	17 39		n.a.
W19	23 54	27 0	2 54	23 48	1 21	23 50	0 51	20 56	0 45	25 13	1 6	25 19	1 39	17 51	0 4	17 9	0 40	28 11	15 14	19 28	19 5	17 42		n.a.
T 20	23 57	27 21	3 55	24 11	1 27	24 1	0 53	20 45	0 44	25 14	1 7	25 18	1 39	17 52	0 4	17 10	0 40	28 10	15 13	19 27	19 4	17 45		n.a.
F 21	24 0	25 49	4 39	24 31	1 33	24 12	0 55	20 35	0 43	25 14	1 7	25 18	1 39	17 53	0 4	17 10	0 40	28 9	15 13	19 26	19 3	17 48		n.a.
S 22	24 2	22 42	5 5	24 50	1 38	24 22	0 56	20 24	0 42	25 14	1 7	25 17	1 39	17 54	0 4	17 11	0 40	28 8	15 12	19 25	19 2	17 50		n.a.
S 23	24 4	18 27	5 13	25 6	1 42	24 31	0 58	20 12	0 42	25 14	1 7	25 16	1 39	17 55	0 4	17 11	0 40	28 7	15 12	19 24	19 2	17 53		n.a.
M24	24 5	13 28	5 4	25 20	1 45	24 39	1 0	20 1	0 41	25 14	1 7	25 16	1 39	17 56	0 4	17 12	0 40	28 6	15 11	19 23	19 1	17 56		n.a.
T 25	24 6	8 3	4 40	25 32	1 48	24 47	1 1	19 49	0 40	25 13	1 7	25 15	1 39	17 57	0 4	17 12	0 40	28 5	15 11	19 23	19 0	17 58		n.a.
W26	24 7	2 27	4 4	25 41	1 49	24 54	1 3	19 37	0 39	25 13	1 7	25 15	1 39	17 58	0 4	17 13	0 40	28 4	15 10	19 23	18 59	18 1		n.a.
T 27	24 7	3s 6	3 18	25 48	1 50	25 0	1 5	19 25	0 39	25 13	1 7	25 14	1 39	17 59	0 4	17 13	0 40	28 3	15 10	19 23	18 58	18 4		n.a.
F 28	24 6	8 29	2 24	25 53	1 51	25 5	1 6	19 13	0 38	25 13	1 7	25 13	1 39	18 0	0 4	17 14	0 40	28 2	15 9	19 23	18 58	18 6		n.a.
S 29	24 5	13 33	1 24	25 56	1 51	25 10	1 7	19 1	0 37	25 13	1 7	25 13	1 39	18 0	0 4	17 14	0 40	28 1	15 9	19 24	18 57	18 9		n.a.
S 30	24 4	18 6	0 20	25 57	1 50	25 13	1 9	18 48	0 36	25 13	1 7	25 12	1 40	18 1	0 4	17 15	0 40	28 0	15 8	19 24	18 56	18 12		n.a.
M31	24n 2	21s58	0s44	25n56	1n49	25n16	1n10	18n35	0n35	25n13	1n 7	25n11	1n40	18n 2	0n 4	17n15	0s40	27n59	15n 8	19n24	18n55	18s14		n.a.

Julian Day Number = 195955.5, Delta T = 32h19m12s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°27'03, Lahiri = -61°20'02 Julian Calendar 1 July 4177 BCE == Greg. Calendar 29 May 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

AUGUST 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 30 14	5♋25'45	14♐26	2♋55	29♊13	11♌30	2♋42	12♋19	19♉ 5	18♉49	24♌13	24°R21	22♉27	20♏43	n.a.	T 1
W 2	18 34 11	6°25'12	26°32	4°43	0♋28	12°14	2°55	12°26	19° 8	18°51	24°14	24♉17	22°24	20°49	n.a.	W 2
T 3	18 38 7	7°24'41	8♑48	6°29	1°44	12°57	3° 8	12°33	19°11	18°52	24°16	24°11	22°21	20°56	n.a.	T 3
F 4	18 42 4	8°24'12	21°16	8°15	2°59	13°40	3°21	12°40	19°14	18°54	24°18	24° 4	22°18	21° 3	n.a.	F 4
S 5	18 46 0	9°23'45	3♒56	10° 0	4°14	14°23	3°35	12°47	19°16	18°56	24°20	23°55	22°15	21° 9	n.a.	S 5
S 6	18 49 57	10°23'21	16°49	11°44	5°30	15° 7	3°48	12°54	19°19	18°57	24°22	23°47	22°11	21°16	n.a.	S 6
M 7	18 53 53	11°22'59	29°54	13°28	6°45	15°50	4° 1	13° 1	19°22	18°59	24°24	23°40	22° 8	21°22	n.a.	M 7
T 8	18 57 50	12°22'40	13♓12	15°10	8° 1	16°34	4°14	13° 8	19°24	19° 0	24°26	23°34	22° 5	21°29	n.a.	T 8
W 9	19 1 47	13°22'23	26°43	16°52	9°16	17°17	4°27	13°15	19°27	19° 2	24°28	23°31	22° 2	21°36	n.a.	W 9
T 10	19 5 43	14°22'08	10♈26	18°34	10°31	18° 1	4°40	13°22	19°29	19° 3	24°30	23°D29	21°59	21°42	n.a.	T 10
F 11	19 9 40	15°21'56	24°23	20°14	11°47	18°45	4°53	13°30	19°32	19° 5	24°32	23°29	21°56	21°49	n.a.	F 11
S 12	19 13 36	16°21'47	8♉34	21°54	13° 2	19°29	5° 6	13°37	19°34	19° 6	24°34	23°30	21°52	21°56	n.a.	S 12
S 13	19 17 33	17°21'41	22°56	23°33	14°18	20°13	5°19	13°44	19°37	19° 7	24°36	23°R31	21°49	22° 2	n.a.	S 13
M14	19 21 29	18°21'36	7♊28	25°12	15°34	20°56	5°32	13°51	19°39	19° 9	24°38	23°30	21°46	22° 9	n.a.	M14
T 15	19 25 26	19°21'35	22° 6	26°49	16°49	21°41	5°46	13°58	19°41	19°10	24°40	23°27	21°43	22°16	n.a.	T 15
W16	19 29 22	20°21'35	6♋42	28°26	18° 5	22°25	5°59	14° 5	19°44	19°11	24°42	23°22	21°40	22°22	n.a.	W16
T 17	19 33 19	21°21'38	21°12	0♌ 3	19°20	23° 9	6°12	14°12	19°46	19°13	24°44	23°14	21°37	22°29	n.a.	T 17
F 18	19 37 15	22°21'43	5♌28	1°39	20°36	23°53	6°24	14°19	19°48	19°14	24°46	23° 4	21°33	22°36	n.a.	F 18
S 19	19 41 12	23°21'50	19°23	3°14	21°51	24°37	6°37	14°26	19°50	19°15	24°48	22°54	21°30	22°42	n.a.	S 19
S 20	19 45 8	24°21'59	2♍56	4°48	23° 7	25°22	6°50	14°33	19°52	19°16	24°50	22°44	21°27	22°49	n.a.	S 20
M21	19 49 5	25°22'10	16° 3	6°23	24°23	26° 6	7° 3	14°40	19°54	19°17	24°53	22°36	21°24	22°56	n.a.	M21
T 22	19 53 1	26°22'23	28°47	7°56	25°38	26°50	7°16	14°47	19°56	19°18	24°55	22°30	21°21	23° 2	n.a.	T 22
W23	19 56 58	27°22'37	11♎ 9	9°29	26°54	27°35	7°29	14°54	19°58	19°20	24°57	22°26	21°17	23° 9	n.a.	W23
T 24	20 0 55	28°22'54	23°15	11° 1	28°10	28°19	7°42	15° 1	20° 0	19°21	24°59	22°D24	21°14	23°15	n.a.	T 24
F 25	20 4 51	29°23'12	5♏10	12°33	29°25	29° 4	7°54	15° 8	20° 2	19°22	25° 1	22°24	21°11	23°22	n.a.	F 25
S 26	20 8 48	0♌23'32	16°58	14° 4	0♌41	29°49	8° 7	15°15	20° 4	19°23	25° 4	22°R25	21° 8	23°29	n.a.	S 26
S 27	20 12 44	1°23'53	28°46	15°35	1°57	0♍33	8°20	15°22	20° 5	19°24	25° 6	22°25	21° 5	23°35	n.a.	S 27
M28	20 16 41	2°24'17	10♐38	17° 5	3°12	1°18	8°32	15°29	20° 7	19°24	25° 8	22°23	21° 2	23°42	n.a.	M28
T 29	20 20 37	3°24'42	22°40	18°35	4°28	2° 3	8°45	15°36	20° 9	19°25	25°11	22°19	20°58	23°49	n.a.	T 29
W30	20 24 34	4°25'09	4♑54	20° 4	5°44	2°48	8°58	15°43	20°10	19°26	25°13	22°12	20°55	23°55	n.a.	W30
T 31	20 28 30	5♌25'38	17♑23	21♌33	6♌59	3♍33	9♋10	15♋49	20♉12	19♉27	25♌15	22♉ 3	20♉52	24♏ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	24n 0	24s57	1s47	25n52	1n47	25n18	1n11	18n22	0n35	25n13	1n 7	25n11	1n40	18n 3	0n 4	17n16	0s40	27n58	15n 8	19n24	18n54	18s17		n.a.
W 2	23 57	26 49	2 45	25 47	1 45	25 20	1 13	18 9	0 34	25 12	1 7	25 10	1 40	18 4	0 4	17 16	0 40	27 57	15 7	19 22	18 53	18 20		n.a.
T 3	23 54	27 25	3 37	25 40	1 43	25 20	1 14	17 56	0 33	25 12	1 7	25 10	1 40	18 4	0 4	17 17	0 40	27 55	15 7	19 21	18 53	18 22		n.a.
F 4	23 50	26 39	4 19	25 31	1 40	25 20	1 15	17 42	0 32	25 12	1 8	25 9	1 40	18 5	0 4	17 17	0 40	27 54	15 6	19 19	18 52	18 25		n.a.
S 5	23 46	24 29	4 49	25 20	1 37	25 19	1 16	17 29	0 32	25 12	1 8	25 8	1 40	18 6	0 4	17 18	0 40	27 53	15 6	19 17	18 51	18 28		n.a.
S 6	23 42	21 4	5 5	25 8	1 33	25 17	1 17	17 15	0 31	25 11	1 8	25 8	1 40	18 7	0 4	17 18	0 40	27 52	15 6	19 15	18 50	18 30		n.a.
M 7	23 37	16 34	5 6	24 54	1 29	25 14	1 18	17 1	0 30	25 11	1 8	25 7	1 40	18 8	0 4	17 19	0 40	27 51	15 5	19 13	18 49	18 33		n.a.
T 8	23 31	11 13	4 50	24 38	1 25	25 10	1 19	16 47	0 29	25 11	1 8	25 6	1 40	18 8	0 4	17 19	0 40	27 50	15 5	19 12	18 48	18 36		n.a.
W 9	23 25	5 16	4 18	24 21	1 21	25 6	1 19	16 32	0 28	25 10	1 8	25 6	1 40	18 9	0 4	17 19	0 40	27 49	15 4	19 11	18 47	18 38		n.a.
T 10	23 19	1n 2	3 30	24 3	1 16	25 1	1 20	16 18	0 28	25 10	1 8	25 5	1 40	18 10	0 4	17 20	0 40	27 48	15 4	19 10	18 47	18 41		n.a.
F 11	23 12	7 24	2 30	23 43	1 11	24 55	1 21	16 3	0 27	25 10	1 8	25 4	1 40	18 10	0 4	17 20	0 40	27 47	15 4	19 10	18 46	18 43		n.a.
S 12	23 5	13 30	1 20	23 22	1 6	24 48	1 21	15 48	0 26	25 9	1 8	25 4	1 40	18 11	0 4	17 21	0 40	27 46	15 3	19 11	18 45	18 46		n.a.
S 13	22 57	18 59	0 3	22 59	1 0	24 41	1 22	15 33	0 25	25 9	1 8	25 3	1 40	18 12	0 4	17 21	0 40	27 45	15 3	19 11	18 44	18 49		n.a.
M14	22 49	23 24	1n14	22 36	0 55	24 33	1 22	15 18	0 25	25 8	1 9	25 2	1 40	18 12	0 4	17 21	0 40	27 44	15 3	19 11	18 43	18 51		n.a.
T 15	22 40	26 19	2 27	22 11	0 49	24 24	1 23	15 3	0 24	25 8	1 9	25 1	1 40	18 13	0 4	17 22	0 40	27 43	15 2	19 10	18 42	18 54		n.a.
W16	22 31	27 26	3 30	21 46	0 43	24 14	1 23	14 48	0 23	25 7	1 9	25 1	1 40	18 14	0 4	17 22	0 40	27 42	15 2	19 8	18 42	18 57		n.a.
T 17	22 22	26 39	4 19	21 19	0 37	24 3	1 23	14 32	0 22	25 7	1 9	25 0	1 41	18 14	0 4	17 22	0 40	27 41	15 2	19 6	18 41	18 59		n.a.
F 18	22 12	24 7	4 50	20 52	0 31	23 52	1 24	14 16	0 21	25 6	1 9	24 59	1 41	18 15	0 4	17 23	0 40	27 39	15 1	19 4	18 40	19 2		n.a.
S 19	22 2	20 12	5 4	20 23	0 25	23 40	1 24	14 0	0 21	25 6	1 9	24 59	1 41	18 16	0 4	17 23	0 40	27 38	15 1	19 1	18 39	19 4		n.a.
S 20	21 51	15 21	4 59	19 54	0 19	23 27	1 24	13 44	0 20	25 5	1 9	24 58	1 41	18 16	0 4	17 23	0 40	27 37	15 1	18 59	18 38	19 7		n.a.
M21	21 40	9 55	4 39	19 24	0 12	23 14	1 24	13 28	0 19	25 5	1 9	24 57	1 41	18 17	0 4	17 24	0 41	27 36	15 0	18 56	18 37	19 10		n.a.
T 22	21 28	4 14	4 6	18 53	0 6	22 59	1 24	13 12	0 18	25 4	1 9	24 57	1 41	18 17	0 4	17 24	0 41	27 35	15 0	18 55	18 36	19 12		n.a.
W23	21 16	1s27	3 22	18 22	0s 1	22 44	1 24	12 56	0 18	25 3	1 10	24 56	1 41	18 18	0 4	17 24	0 41	27 34	15 0	18 54	18 36	19 15		n.a.
T 24	21 4	6 59	2 29	17 50	0 8	22 29	1 24	12 39	0 17	25 3	1 10	24 55	1 41	18 18	0 4	17 25	0 41	27 33	14 59	18 53	18 35	19 17		n.a.
F 25	20 51	12 11	1 31	17 17	0 14	22 12	1 23	12 22	0 16	25 2	1 10	24 54	1 41	18 19	0 4	17 25	0 41	27 32	14 59	18 53	18 34	19 20		n.a.
S 26	20 38	16 55	0 29	16 44	0 21	21 55	1 23	12 6	0 15	25 1	1 10	24 54	1 41	18 20	0 4	17 25	0 41	27 31	14 59	18 54	18 33	19 22		n.a.
S 27	20 25	21 0	0s34	16 10	0 28	21 38	1 23	11 49	0 14	25 1	1 10	24 53	1 41	18 20	0 4	17 25	0 41	27 30	14 59	18 54	18 32	19 25		n.a.
M28	20 11	24 15	1 35	15 36	0 35	21 20	1 22	11 32	0 14	25 0	1 10	24 52	1 42	18 21	0 4	17 26	0 41	27 29	14 58	18 53	18 31	19 28		n.a.
T 29	19 56	26 27	2 33	15 2	0 41	21 1	1 22	11 14	0 13	24 59	1 10	24 51	1 42	18 21	0 4	17 26	0 41	27 28	14 58	18 52	18 30	19 30		n.a.
W30	19 42	27 26	3 25	14 27	0 48	20 41	1 21	10 57	0 12	24 59	1 11	24 51	1 42	18 21	0 4	17 26	0 41	27 27	14 58	18 50	18 30	19 33		n.a.
T 31	19n27	27s 3	4s 8	13n51	0s55	20n21	1n21	10n40	0n11	24n58	1n11	24n50	1n42	18n22	0n 4	17n26	0s41	27n26	14n58	18n48	18n29	19s35		n.a.

Julian Day Number = 195986.5, Delta T = 32h19m09s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'59, Lahiri = -61°19'58 Julian Calendar 1 Aug. 4177 BCE == Greg. Calendar 29 June 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

SEPTEMBER 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 32 27	6♌26'08	0♒ 8	23♌ 1	8♌15	4♍18	9♋23	15♋56	20♉13	19♉28	25♌18	21°R51	20♉49	24♏ 9	n.a.	F 1
S 2	20 36 23	7°26'41	13° 9	24°28	9°31	5° 3	9°35	16° 3	20°15	19°29	25°20	21♉38	20°46	24°15	n.a.	S 2
S 3	20 40 20	8°27'15	26°26	25°55	10°46	5°48	9°47	16°10	20°16	19°29	25°22	21°25	20°43	24°22	n.a.	S 3
M 4	20 44 16	9°27'51	9♓55	27°21	12° 2	6°33	10° 0	16°16	20°18	19°30	25°25	21°14	20°39	24°29	n.a.	M 4
T 5	20 48 13	10°28'29	23°34	28°47	13°18	7°19	10°12	16°23	20°19	19°31	25°27	21° 4	20°36	24°35	n.a.	T 5
W 6	20 52 10	11°29'09	7♈21	0♍11	14°33	8° 4	10°24	16°30	20°20	19°31	25°29	20°58	20°33	24°42	n.a.	W 6
T 7	20 56 6	12°29'51	21°14	1°35	15°49	8°49	10°36	16°36	20°21	19°32	25°32	20°54	20°30	24°49	n.a.	T 7
F 8	21 0 3	13°30'35	5♉13	2°58	17° 5	9°35	10°49	16°43	20°23	19°33	25°34	20°53	20°27	24°55	n.a.	F 8
S 9	21 3 59	14°31'21	19°16	4°21	18°20	10°20	11° 1	16°50	20°24	19°33	25°37	20°53	20°23	25° 2	n.a.	S 9
S 10	21 7 56	15°32'09	3♊23	5°42	19°36	11° 5	11°13	16°56	20°25	19°34	25°39	20°53	20°20	25° 8	n.a.	S 10
M11	21 11 52	16°32'59	17°33	7° 2	20°52	11°51	11°25	17° 3	20°26	19°34	25°41	20°51	20°17	25°15	n.a.	M11
T 12	21 15 49	17°33'51	1♋44	8°21	22° 7	12°37	11°36	17° 9	20°27	19°34	25°44	20°46	20°14	25°22	n.a.	T 12
W13	21 19 45	18°34'44	15°54	9°38	23°23	13°22	11°48	17°15	20°27	19°35	25°46	20°39	20°11	25°28	n.a.	W13
T 14	21 23 42	19°35'40	29°58	10°54	24°39	14° 8	12° 0	17°22	20°28	19°35	25°49	20°29	20° 8	25°35	n.a.	T 14
F 15	21 27 38	20°36'37	13♌53	12° 8	25°54	14°54	12°12	17°28	20°29	19°36	25°51	20°16	20° 4	25°42	n.a.	F 15
S 16	21 31 35	21°37'35	27°32	13°20	27°10	15°39	12°23	17°34	20°30	19°36	25°54	20° 3	20° 1	25°48	n.a.	S 16
S 17	21 35 32	22°38'35	10♍53	14°30	28°25	16°25	12°35	17°41	20°30	19°36	25°56	19°50	19°58	25°55	n.a.	S 17
M18	21 39 28	23°39'36	23°54	15°37	29°41	17°11	12°47	17°47	20°31	19°36	25°58	19°38	19°55	26° 2	n.a.	M18
T 19	21 43 25	24°40'38	6♎35	16°41	0♍57	17°57	12°58	17°53	20°31	19°37	26° 1	19°30	19°52	26° 8	n.a.	T 19
W20	21 47 21	25°41'41	18°56	17°42	2°12	18°43	13° 9	17°59	20°32	19°37	26° 3	19°24	19°49	26°15	n.a.	W20
T 21	21 51 18	26°42'46	1♏ 2	18°39	3°28	19°29	13°21	18° 5	20°32	19°37	26° 6	19°20	19°45	26°22	n.a.	T 21
F 22	21 55 14	27°43'51	12°57	19°32	4°44	20°15	13°32	18°11	20°33	19°37	26° 8	19°19	19°42	26°28	n.a.	F 22
S 23	21 59 11	28°44'58	24°45	20°20	5°59	21° 1	13°43	18°17	20°33	19°37	26°11	19°19	19°39	26°35	n.a.	S 23
S 24	22 3 7	29°46'05	6♐33	21° 3	7°15	21°47	13°54	18°23	20°33	19°R37	26°13	19°19	19°36	26°42	n.a.	S 24
M25	22 7 4	0♍47'14	18°26	21°39	8°30	22°34	14° 5	18°29	20°33	19°37	26°15	19°18	19°33	26°48	n.a.	M25
T 26	22 11 1	1°48'23	0♑29	22° 9	9°46	23°20	14°16	18°35	20°34	19°37	26°18	19°14	19°29	26°55	n.a.	T 26
W27	22 14 57	2°49'33	12°47	22°31	11° 1	24° 6	14°27	18°40	20°34	19°37	26°20	19° 8	19°26	27° 1	n.a.	W27
T 28	22 18 54	3°50'44	25°24	22°44	12°17	24°52	14°37	18°46	20°R34	19°37	26°23	18°59	19°23	27° 8	n.a.	T 28
F 29	22 22 50	4°51'56	8♒21	22°R48	13°32	25°39	14°48	18°52	20°34	19°36	26°25	18°49	19°20	27°15	n.a.	F 29
S 30	22 26 47	5♍53'08	21♒40	22♍41	14♍48	26♍25	14♋58	18♋57	20♉34	19♉36	26♌28	18♉36	19♉17	27♏21	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n11	25s14	4s40	13n16	1s 2	20n 0	1n20	10n22	0n10	24n57	1n11	24n49	1n42	18n22	0n 4	17n26	0s41	27n25	14n57	18n45	18n28	19s38		n.a.
S 2	18 56	22 4	4 57	12 40	1 8	19 39	1 19	10 4	0 10	24 56	1 11	24 49	1 42	18 23	0 4	17 27	0 41	27 23	14 57	18 41	18 27	19 40		n.a.
S 3	18 40	17 44	4 59	12 4	1 15	19 17	1 19	9 47	0 9	24 56	1 11	24 48	1 42	18 23	0 4	17 27	0 41	27 22	14 57	18 38	18 26	19 43		n.a.
M 4	18 23	12 27	4 45	11 28	1 21	18 55	1 18	9 29	0 8	24 55	1 11	24 47	1 42	18 24	0 4	17 27	0 41	27 21	14 57	18 35	18 25	19 45		n.a.
T 5	18 6	6 30	4 14	10 52	1 28	18 32	1 17	9 11	0 7	24 54	1 11	24 46	1 42	18 24	0 4	17 27	0 41	27 20	14 57	18 32	18 24	19 48		n.a.
W 6	17 49	0 11	3 28	10 16	1 34	18 8	1 16	8 53	0 7	24 53	1 12	24 46	1 43	18 24	0 4	17 27	0 41	27 19	14 56	18 30	18 23	19 50		n.a.
T 7	17 32	6n12	2 30	9 40	1 40	17 44	1 15	8 35	0 6	24 52	1 12	24 45	1 43	18 25	0 4	17 28	0 41	27 18	14 56	18 29	18 23	19 53		n.a.
F 8	17 14	12 21	1 22	9 4	1 46	17 20	1 14	8 17	0 5	24 51	1 12	24 44	1 43	18 25	0 4	17 28	0 41	27 17	14 56	18 29	18 22	19 55		n.a.
S 9	16 56	17 54	0 9	8 28	1 52	16 55	1 13	7 58	0 4	24 51	1 12	24 43	1 43	18 25	0 4	17 28	0 41	27 16	14 56	18 29	18 21	19 58		n.a.
S 10	16 38	22 30	1n 6	7 52	1 57	16 29	1 11	7 40	0 4	24 50	1 12	24 43	1 43	18 26	0 4	17 28	0 41	27 15	14 56	18 29	18 20	20 0		n.a.
M11	16 19	25 46	2 16	7 17	2 3	16 3	1 10	7 21	0 3	24 49	1 12	24 42	1 43	18 26	0 4	17 28	0 41	27 14	14 56	18 28	18 19	20 3		n.a.
T 12	16 0	27 24	3 18	6 42	2 8	15 37	1 9	7 3	0 2	24 48	1 13	24 41	1 43	18 26	0 5	17 28	0 41	27 13	14 56	18 27	18 18	20 5		n.a.
W13	15 41	27 14	4 7	6 8	2 13	15 10	1 8	6 44	0 1	24 47	1 13	24 41	1 44	18 26	0 5	17 28	0 41	27 12	14 55	18 25	18 17	20 8		n.a.
T 14	15 21	25 18	4 41	5 35	2 17	14 43	1 6	6 25	0 0	24 46	1 13	24 40	1 44	18 27	0 5	17 28	0 41	27 11	14 55	18 22	18 17	20 10		n.a.
F 15	15 2	21 52	4 58	5 2	2 21	14 15	1 5	6 6	0s 0	24 45	1 13	24 39	1 44	18 27	0 5	17 29	0 41	27 10	14 55	18 19	18 16	20 13		n.a.
S 16	14 42	17 18	4 57	4 30	2 25	13 47	1 3	5 48	0 1	24 44	1 13	24 39	1 44	18 27	0 5	17 29	0 41	27 9	14 55	18 15	18 15	20 15		n.a.
S 17	14 21	11 59	4 40	4 0	2 29	13 19	1 2	5 29	0 2	24 43	1 14	24 38	1 44	18 27	0 5	17 29	0 41	27 8	14 55	18 12	18 14	20 18		n.a.
M18	14 1	6 16	4 9	3 31	2 31	12 50	1 0	5 10	0 3	24 42	1 14	24 37	1 44	18 27	0 5	17 29	0 41	27 7	14 55	18 8	18 13	20 20		n.a.
T 19	13 40	0 27	3 25	3 3	2 34	12 21	0 58	4 51	0 3	24 41	1 14	24 36	1 44	18 28	0 5	17 29	0 41	27 6	14 55	18 6	18 12	20 23		n.a.
W20	13 19	5s16	2 33	2 37	2 35	11 52	0 57	4 31	0 4	24 41	1 14	24 36	1 45	18 28	0 5	17 29	0 41	27 5	14 55	18 4	18 11	20 25		n.a.
T 21	12 57	10 41	1 35	2 13	2 36	11 22	0 55	4 12	0 5	24 40	1 14	24 35	1 45	18 28	0 5	17 29	0 41	27 4	14 55	18 3	18 10	20 28		n.a.
F 22	12 36	15 38	0 34	1 52	2 37	10 52	0 53	3 53	0 6	24 39	1 15	24 34	1 45	18 28	0 5	17 29	0 41	27 4	14 55	18 3	18 9	20 30		n.a.
S 23	12 14	19 58	0s29	1 33	2 36	10 22	0 51	3 34	0 6	24 38	1 15	24 34	1 45	18 28	0 5	17 29	0 41	27 3	14 55	18 3	18 9	20 33		n.a.
S 24	11 52	23 30	1 30	1 18	2 34	9 51	0 49	3 14	0 7	24 37	1 15	24 33	1 45	18 28	0 5	17 29	0 41	27 2	14 55	18 3	18 8	20 35		n.a.
M25	11 30	26 3	2 28	1 5	2 32	9 20	0 48	2 55	0 8	24 36	1 15	24 32	1 45	18 28	0 5	17 29	0 41	27 1	14 55	18 3	18 7	20 38		n.a.
T 26	11 8	27 27	3 20	0 57	2 28	8 49	0 46	2 35	0 9	24 35	1 15	24 32	1 46	18 28	0 5	17 29	0 41	27 0	14 55	18 2	18 6	20 40		n.a.
W27	10 45	27 31	4 4	0 53	2 23	8 18	0 44	2 16	0 9	24 34	1 16	24 31	1 46	18 28	0 5	17 29	0 41	26 59	14 55	18 0	18 5	20 42		n.a.
T 28	10 22	26 11	4 37	0 54	2 16	7 47	0 42	1 56	0 10	24 33	1 16	24 30	1 46	18 28	0 5	17 29	0 41	26 58	14 55	17 58	18 4	20 45		n.a.
F 29	10 0	23 27	4 56	0 59	2 8	7 15	0 39	1 37	0 11	24 32	1 16	24 30	1 46	18 28	0 5	17 29	0 41	26 57	14 55	17 54	18 3	20 47		n.a.
S 30	9n36	19s24	5s 1	1n11	1s58	6n43	0n37	1n17	0s12	24n31	1n16	24n29	1n46	18n28	0n 5	17n29	0s41	26n56	14n55	17n51	18n 2	20s50		n.a.

Julian Day Number = 196017.5, Delta T = 32h19m05s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'55, Lahiri = -61°19'54 Julian Calendar 1 Sept. 4177 BCE == Greg. Calendar 30 July 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

OCTOBER 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 30 43	6♍54'21	5♓18	22°R24	16♍ 3	27♍11	15♋ 9	19♋ 3	20°R33	19°R36	26♌30	18°R24	19♉14	27♏28	n.a.	S 1
M 2	22 34 40	7°55'35	19°13	21♍56	17°19	27°58	15°19	19° 8	20♉33	19♉36	26°32	18♉12	19°10	27°35	n.a.	M 2
T 3	22 38 36	8°56'50	3♈20	21°17	18°34	28°44	15°29	19°14	20°33	19°36	26°35	18° 3	19° 7	27°41	n.a.	T 3
W 4	22 42 33	9°58'06	17°33	20°26	19°50	29°31	15°39	19°19	20°33	19°35	26°37	17°57	19° 4	27°48	n.a.	W 4
T 5	22 46 30	10°59'23	1♉49	19°26	21° 5	0♎17	15°50	19°24	20°32	19°35	26°40	17°54	19° 1	27°55	n.a.	T 5
F 6	22 50 26	12° 0'41	16° 4	18°17	22°21	1° 4	15°59	19°29	20°32	19°34	26°42	17°D53	18°58	28° 1	n.a.	F 6
S 7	22 54 23	13° 2'00	0♊15	17° 0	23°36	1°51	16° 9	19°35	20°31	19°34	26°44	17°53	18°54	28° 8	n.a.	S 7
S 8	22 58 19	14° 3'20	14°20	15°40	24°51	2°37	16°19	19°40	20°31	19°34	26°47	17°R53	18°51	28°15	n.a.	S 8
M 9	23 2 16	15° 4'41	28°20	14°17	26° 7	3°24	16°29	19°45	20°30	19°33	26°49	17°53	18°48	28°21	n.a.	M 9
T 10	23 6 12	16° 6'03	12♋13	12°55	27°22	4°11	16°38	19°50	20°30	19°33	26°51	17°50	18°45	28°28	n.a.	T 10
W11	23 10 9	17° 7'25	25°59	11°37	28°38	4°57	16°48	19°54	20°29	19°32	26°54	17°44	18°42	28°35	n.a.	W11
T 12	23 14 6	18° 8'49	9♌36	10°24	29°53	5°44	16°57	19°59	20°28	19°31	26°56	17°36	18°39	28°41	n.a.	T 12
F 13	23 18 2	19°10'12	23° 4	9°20	1♎ 8	6°31	17° 6	20° 4	20°27	19°31	26°58	17°26	18°35	28°48	n.a.	F 13
S 14	23 21 59	20°11'37	6♍18	8°26	2°24	7°18	17°15	20° 9	20°27	19°30	27° 1	17°15	18°32	28°54	n.a.	S 14
S 15	23 25 55	21°13'01	19°19	7°42	3°39	8° 5	17°24	20°13	20°26	19°29	27° 3	17° 5	18°29	29° 1	n.a.	S 15
M16	23 29 52	22°14'26	2♎ 5	7° 9	4°54	8°52	17°33	20°18	20°25	19°29	27° 5	16°55	18°26	29° 8	n.a.	M16
T 17	23 33 48	23°15'51	14°35	6°47	6° 9	9°39	17°42	20°22	20°24	19°28	27° 7	16°48	18°23	29°14	n.a.	T 17
W18	23 37 45	24°17'17	26°50	6°36	7°25	10°25	17°50	20°26	20°23	19°27	27°10	16°43	18°20	29°21	n.a.	W18
T 19	23 41 42	25°18'42	8♏53	6°D35	8°40	11°12	17°59	20°31	20°21	19°26	27°12	16°41	18°16	29°28	n.a.	T 19
F 20	23 45 38	26°20'07	20°46	6°43	9°55	11°59	18° 7	20°35	20°20	19°25	27°14	16°D41	18°13	29°34	n.a.	F 20
S 21	23 49 35	27°21'33	2♐34	7° 0	11°10	12°46	18°15	20°39	20°19	19°25	27°16	16°42	18°10	29°41	n.a.	S 21
S 22	23 53 31	28°22'58	14°21	7°25	12°26	13°33	18°23	20°43	20°18	19°24	27°19	16°43	18° 7	29°48	n.a.	S 22
M23	23 57 28	29°24'22	26°13	7°57	13°41	14°21	18°31	20°47	20°16	19°23	27°21	16°R44	18° 4	29°54	n.a.	M23
T 24	0 1 24	0♎25'47	8♑15	8°36	14°56	15° 8	18°39	20°51	20°15	19°22	27°23	16°44	18° 0	0♐ 1	n.a.	T 24
W25	0 5 21	1°27'11	20°31	9°20	16°11	15°55	18°47	20°55	20°14	19°21	27°25	16°42	17°57	0° 8	n.a.	W25
T 26	0 9 18	2°28'35	3♒ 8	10°10	17°26	16°42	18°54	20°58	20°12	19°20	27°27	16°38	17°54	0°14	n.a.	T 26
F 27	0 13 14	3°29'58	16° 8	11° 4	18°41	17°29	19° 2	21° 2	20°11	19°19	27°29	16°32	17°51	0°21	n.a.	F 27
S 28	0 17 11	4°31'21	29°32	12° 2	19°56	18°16	19° 9	21° 5	20° 9	19°18	27°31	16°25	17°48	0°28	n.a.	S 28
S 29	0 21 7	5°32'43	13♓22	13° 3	21°11	19° 3	19°16	21° 9	20° 8	19°17	27°33	16°18	17°45	0°34	n.a.	S 29
M30	0 25 4	6°34'05	27°34	14° 7	22°26	19°50	19°23	21°12	20° 6	19°15	27°35	16°11	17°41	0°41	n.a.	M30
T 31	0 29 0	7♎35'27	12♈ 4	15♍15	23♎41	20♎37	19♋30	21♋15	20♉ 4	19♉14	27♌37	16♉ 6	17♉38	0♐48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	9n13	14s17	4s49	1n28	1s47	6n11	0n35	0n58	0s12	24n30	1n17	24n28	1n46	18n28	0n 5	17n29	0s41	26n55	14n55	17n47	18n 1	20s52			n.a.
M 2	8 50	8 20	4 19	1 52	1 33	5 39	0 33	0 38	0 13	24 29	1 17	24 28	1 47	18 28	0 5	17 28	0 41	26 55	14 55	17 44	18 1	20 55			n.a.
T 3	8 26	1 53	3 33	2 21	1 18	5 7	0 31	0 18	0 14	24 28	1 17	24 27	1 47	18 28	0 5	17 28	0 41	26 54	14 55	17 42	18 0	20 57			n.a.
W 4	8 3	4n43	2 34	2 57	1 2	4 35	0 29	0s 1	0 14	24 27	1 17	24 27	1 47	18 28	0 5	17 28	0 41	26 53	14 55	17 40	17 59	20 59			n.a.
T 5	7 39	11 8	1 24	3 38	0 44	4 2	0 27	0 21	0 15	24 26	1 17	24 26	1 47	18 28	0 5	17 28	0 41	26 52	14 55	17 39	17 58	21 2			n.a.
F 6	7 15	16 57	0 10	4 23	0 25	3 29	0 24	0 41	0 16	24 25	1 18	24 25	1 47	18 28	0 5	17 28	0 41	26 51	14 55	17 39	17 57	21 4			n.a.
S 7	6 51	21 50	1n 5	5 12	0 4	2 57	0 22	1 0	0 17	24 24	1 18	24 25	1 48	18 28	0 5	17 28	0 41	26 51	14 55	17 39	17 56	21 7			n.a.
S 8	6 27	25 25	2 16	6 3	0n16	2 24	0 20	1 20	0 17	24 23	1 18	24 24	1 48	18 28	0 5	17 28	0 41	26 50	14 55	17 39	17 55	21 9			n.a.
M 9	6 2	27 24	3 18	6 55	0 36	1 51	0 17	1 40	0 18	24 22	1 18	24 24	1 48	18 28	0 5	17 28	0 41	26 49	14 55	17 38	17 54	21 11			n.a.
T 10	5 38	27 39	4 8	7 45	0 56	1 18	0 15	1 59	0 19	24 21	1 19	24 23	1 48	18 27	0 5	17 27	0 41	26 48	14 55	17 38	17 53	21 14			n.a.
W11	5 13	26 10	4 43	8 33	1 15	0 45	0 13	2 19	0 19	24 20	1 19	24 23	1 48	18 27	0 5	17 27	0 41	26 47	14 56	17 36	17 53	21 16			n.a.
T 12	4 49	23 10	5 1	9 18	1 32	0 12	0 10	2 39	0 20	24 19	1 19	24 22	1 49	18 27	0 5	17 27	0 41	26 47	14 56	17 34	17 52	21 18			n.a.
F 13	4 24	18 58	5 3	9 57	1 48	0s21	0 8	2 59	0 21	24 18	1 19	24 22	1 49	18 27	0 5	17 27	0 41	26 46	14 56	17 31	17 51	21 21			n.a.
S 14	3 59	13 53	4 48	10 31	2 2	0 54	0 6	3 18	0 22	24 17	1 20	24 21	1 49	18 27	0 5	17 27	0 41	26 45	14 56	17 28	17 50	21 23			n.a.
S 15	3 35	8 17	4 18	10 58	2 13	1 27	0 3	3 38	0 22	24 16	1 20	24 21	1 49	18 26	0 5	17 27	0 41	26 45	14 56	17 25	17 49	21 26			n.a.
M16	3 10	2 26	3 36	11 20	2 23	1 59	0 1	3 57	0 23	24 15	1 20	24 20	1 49	18 26	0 5	17 26	0 41	26 44	14 56	17 22	17 48	21 28			n.a.
T 17	2 45	3s24	2 44	11 35	2 31	2 32	0s 2	4 17	0 24	24 14	1 21	24 20	1 50	18 26	0 5	17 26	0 41	26 43	14 56	17 20	17 47	21 30			n.a.
W18	2 20	9 1	1 45	11 45	2 37	3 5	0 4	4 37	0 24	24 13	1 21	24 19	1 50	18 26	0 5	17 26	0 41	26 42	14 57	17 18	17 46	21 33			n.a.
T 19	1 55	14 12	0 42	11 50	2 41	3 38	0 7	4 56	0 25	24 13	1 21	24 19	1 50	18 25	0 5	17 26	0 41	26 42	14 57	17 18	17 45	21 35			n.a.
F 20	1 30	18 48	0s22	11 49	2 44	4 10	0 9	5 16	0 26	24 12	1 21	24 18	1 50	18 25	0 5	17 25	0 41	26 41	14 57	17 18	17 44	21 37			n.a.
S 21	1 5	22 39	1 25	11 44	2 45	4 43	0 11	5 35	0 26	24 11	1 22	24 18	1 51	18 25	0 5	17 25	0 41	26 41	14 57	17 18	17 43	21 40			n.a.
S 22	0 40	25 33	2 24	11 34	2 45	5 15	0 14	5 55	0 27	24 10	1 22	24 17	1 51	18 24	0 5	17 25	0 41	26 40	14 57	17 18	17 43	21 42			n.a.
M23	0 15	27 21	3 17	11 21	2 44	5 48	0 16	6 14	0 28	24 9	1 22	24 17	1 51	18 24	0 5	17 25	0 41	26 39	14 58	17 19	17 42	21 44			n.a.
T 24	0s11	27 53	4 3	11 4	2 43	6 20	0 19	6 33	0 28	24 8	1 23	24 17	1 51	18 24	0 5	17 24	0 41	26 39	14 58	17 19	17 41	21 46			n.a.
W25	0 36	27 4	4 38	10 45	2 40	6 52	0 21	6 53	0 29	24 7	1 23	24 16	1 51	18 23	0 5	17 24	0 41	26 38	14 58	17 18	17 40	21 49			n.a.
T 26	1 1	24 53	5 1	10 22	2 36	7 24	0 23	7 12	0 30	24 7	1 23	24 16	1 52	18 23	0 5	17 24	0 41	26 38	14 58	17 17	17 39	21 51			n.a.
F 27	1 26	21 21	5 9	9 58	2 32	7 55	0 26	7 31	0 30	24 6	1 23	24 16	1 52	18 22	0 5	17 24	0 41	26 37	14 59	17 15	17 38	21 53			n.a.
S 28	1 51	16 38	5 1	9 31	2 28	8 27	0 28	7 50	0 31	24 5	1 24	24 15	1 52	18 22	0 5	17 23	0 41	26 36	14 59	17 13	17 37	21 56			n.a.
S 29	2 16	10 56	4 36	9 2	2 23	8 58	0 31	8 9	0 32	24 4	1 24	24 15	1 52	18 22	0 5	17 23	0 41	26 36	14 59	17 11	17 36	21 58			n.a.
M30	2 41	4 32	3 53	8 31	2 17	9 29	0 33	8 28	0 32	24 4	1 24	24 15	1 53	18 21	0 5	17 23	0 41	26 35	14 59	17 9	17 35	22 0			n.a.
T 31	3s 6	2n14	2s54	7n59	2n12	10s 0	0s35	8s47	0s33	24n 3	1n25	24n14	1n53	18n21	0n 5	17n22	0s41	26n35	15n 0	17n 7	17n34	22s 2			n.a.

Julian Day Number = 196047.5, Delta T = 32h19m02s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'50, Lahiri = -61°19'50 Julian Calendar 1 Oct. 4177 BCE == Greg. Calendar 29 Aug. 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

NOVEMBER 4177 BCE (-4176) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 32 57	8♎36'48	26♈44	16♍25	24♎56	21♎25	19♋37	21♋18	20°R 3	19°R13	27♌39	16°R 2	17♉35	0♐54	n.a.	W 1
T 2	0 36 54	9°38'09	11♉28	17°36	26°11	22°12	19°43	21°21	20♉ 1	19♉12	27°41	16°D 1	17°32	1° 1	n.a.	T 2
F 3	0 40 50	10°39'29	26° 9	18°50	27°26	22°59	19°50	21°24	19°59	19°11	27°43	16♉ 1	17°29	1° 7	n.a.	F 3
S 4	0 44 47	11°40'50	10♊42	20° 6	28°41	23°46	19°56	21°27	19°57	19°10	27°45	16° 3	17°25	1°14	n.a.	S 4
S 5	0 48 43	12°42'10	25° 1	21°23	29°56	24°34	20° 2	21°30	19°55	19° 8	27°47	16° 4	17°22	1°21	n.a.	S 5
M 6	0 52 40	13°43'30	9♋ 6	22°42	1♏11	25°21	20° 8	21°33	19°53	19° 7	27°49	16°R 5	17°19	1°27	n.a.	M 6
T 7	0 56 36	14°44'49	22°55	24° 2	2°26	26° 8	20°14	21°35	19°51	19° 6	27°51	16° 5	17°16	1°34	n.a.	T 7
W 8	1 0 33	15°46'08	6♌29	25°23	3°41	26°55	20°19	21°38	19°49	19° 4	27°53	16° 3	17°13	1°41	n.a.	W 8
T 9	1 4 30	16°47'27	19°48	26°45	4°56	27°43	20°25	21°40	19°47	19° 3	27°54	16° 0	17°10	1°47	n.a.	T 9
F 10	1 8 26	17°48'45	2♍53	28° 8	6°11	28°30	20°30	21°43	19°45	19° 2	27°56	15°56	17° 6	1°54	n.a.	F 10
S 11	1 12 23	18°50'03	15°44	29°32	7°25	29°17	20°35	21°45	19°43	19° 0	27°58	15°51	17° 3	2° 1	n.a.	S 11
S 12	1 16 19	19°51'19	28°22	0♎57	8°40	0♏ 4	20°40	21°47	19°41	18°59	28° 0	15°47	17° 0	2° 7	n.a.	S 12
M13	1 20 16	20°52'35	10♎49	2°23	9°55	0°52	20°45	21°49	19°39	18°57	28° 1	15°43	16°57	2°14	n.a.	M13
T 14	1 24 13	21°53'50	23° 4	3°49	11°10	1°39	20°50	21°51	19°37	18°56	28° 3	15°40	16°54	2°21	n.a.	T 14
W15	1 28 9	22°55'04	5♏ 9	5°16	12°24	2°26	20°54	21°53	19°34	18°54	28° 5	15°38	16°51	2°27	n.a.	W15
T 16	1 32 6	23°56'18	17° 6	6°44	13°39	3°14	20°58	21°54	19°32	18°53	28° 6	15°D37	16°47	2°34	n.a.	T 16
F 17	1 36 2	24°57'30	28°56	8°13	14°54	4° 1	21° 2	21°56	19°30	18°51	28° 8	15°38	16°44	2°41	n.a.	F 17
S 18	1 39 59	25°58'40	10♐43	9°42	16° 8	4°48	21° 6	21°57	19°28	18°50	28° 9	15°39	16°41	2°47	n.a.	S 18
S 19	1 43 55	26°59'50	22°31	11°12	17°23	5°36	21°10	21°59	19°25	18°48	28°11	15°41	16°38	2°54	n.a.	S 19
M20	1 47 52	28° 0'58	4♑22	12°42	18°38	6°23	21°14	22° 0	19°23	18°47	28°12	15°43	16°35	3° 1	n.a.	M20
T 21	1 51 49	29° 2'05	16°22	14°13	19°52	7°10	21°17	22° 1	19°21	18°45	28°14	15°44	16°31	3° 7	n.a.	T 21
W22	1 55 45	0♏ 3'10	28°36	15°45	21° 7	7°57	21°20	22° 2	19°18	18°44	28°15	15°R44	16°28	3°14	n.a.	W22
T 23	1 59 42	1° 4'14	11♒ 8	17°17	22°21	8°45	21°23	22° 3	19°16	18°42	28°17	15°44	16°25	3°21	n.a.	T 23
F 24	2 3 38	2° 5'16	24° 2	18°50	23°36	9°32	21°26	22° 4	19°13	18°41	28°18	15°43	16°22	3°27	n.a.	F 24
S 25	2 7 35	3° 6'17	7♓22	20°24	24°50	10°19	21°29	22° 5	19°11	18°39	28°19	15°42	16°19	3°34	n.a.	S 25
S 26	2 11 31	4° 7'15	21° 9	21°58	26° 5	11° 6	21°31	22° 6	19° 8	18°37	28°21	15°40	16°16	3°40	n.a.	S 26
M27	2 15 28	5° 8'12	5♈22	23°33	27°19	11°54	21°34	22° 6	19° 6	18°36	28°22	15°39	16°12	3°47	n.a.	M27
T 28	2 19 25	6° 9'08	20° 0	25° 8	28°34	12°41	21°36	22° 7	19° 3	18°34	28°23	15°38	16° 9	3°54	n.a.	T 28
W29	2 23 21	7°10'02	4♉55	26°45	29°48	13°28	21°38	22° 7	19° 1	18°32	28°24	15°37	16° 6	4° 0	n.a.	W29
T 30	2 27 18	8♏10'55	20♉ 0	28♎21	1♐ 2	14♏15	21♋39	22♋ 8	18♉58	18♉31	28♌25	15°D37	16♉ 3	4♐ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s30	9n 0	1 s43	7n26	2n 6	10 s30	0 s38	9 s 6	0 s34	24n 2	1n25	24n14	1n53	18n20	0n 5	17n22	0 s41	26n34	15n 0	17n 6	17n33	22 s 5		n.a.
T 2	3 55	15 19	0 25	6 51	1 59	11 0	0 40	9 24	0 34	24 2	1 25	24 14	1 53	18 20	0 5	17 22	0 41	26 34	15 0	17 6	17 33	22 7		n.a.
F 3	4 20	20 44	0n55	6 15	1 53	11 30	0 42	9 43	0 35	24 1	1 26	24 14	1 54	18 19	0 5	17 21	0 41	26 33	15 0	17 6	17 32	22 9		n.a.
S 4	4 45	24 50	2 11	5 39	1 46	12 0	0 44	10 2	0 35	24 0	1 26	24 13	1 54	18 19	0 5	17 21	0 41	26 33	15 1	17 6	17 31	22 12		n.a.
S 5	5 9	27 18	3 17	5 1	1 39	12 29	0 47	10 20	0 36	24 0	1 26	24 13	1 54	18 18	0 5	17 21	0 41	26 33	15 1	17 7	17 30	22 14		n.a.
M 6	5 34	27 57	4 10	4 23	1 32	12 58	0 49	10 38	0 37	23 59	1 26	24 13	1 54	18 18	0 5	17 20	0 41	26 32	15 1	17 7	17 29	22 16		n.a.
T 7	5 58	26 50	4 48	3 44	1 25	13 27	0 51	10 57	0 37	23 58	1 27	24 13	1 55	18 17	0 5	17 20	0 41	26 32	15 2	17 7	17 28	22 18		n.a.
W 8	6 22	24 9	5 9	3 4	1 18	13 56	0 53	11 15	0 38	23 58	1 27	24 13	1 55	18 17	0 5	17 19	0 41	26 31	15 2	17 7	17 27	22 20		n.a.
T 9	6 47	20 13	5 12	2 24	1 11	14 24	0 55	11 33	0 38	23 57	1 27	24 12	1 55	18 16	0 5	17 19	0 41	26 31	15 2	17 6	17 26	22 23		n.a.
F 10	7 11	15 22	5 0	1 44	1 3	14 51	0 57	11 51	0 39	23 57	1 28	24 12	1 55	18 16	0 5	17 19	0 41	26 31	15 3	17 4	17 25	22 25		n.a.
S 11	7 35	9 56	4 32	1 3	0 56	15 18	0 59	12 9	0 40	23 56	1 28	24 12	1 56	18 15	0 5	17 18	0 41	26 30	15 3	17 3	17 24	22 27		n.a.
S 12	7 59	4 11	3 51	0 21	0 49	15 45	1 1	12 26	0 40	23 56	1 28	24 12	1 56	18 14	0 5	17 18	0 41	26 30	15 3	17 2	17 23	22 29		n.a.
M13	8 22	1 s39	3 0	0 s20	0 42	16 12	1 3	12 44	0 41	23 56	1 29	24 12	1 56	18 14	0 5	17 18	0 41	26 30	15 4	17 0	17 22	22 32		n.a.
T 14	8 46	7 21	2 1	1 2	0 34	16 38	1 5	13 1	0 41	23 55	1 29	24 12	1 56	18 13	0 6	17 17	0 41	26 29	15 4	16 59	17 21	22 34		n.a.
W15	9 9	12 42	0 57	1 44	0 27	17 3	1 7	13 19	0 42	23 55	1 29	24 12	1 57	18 13	0 6	17 17	0 41	26 29	15 4	16 59	17 20	22 36		n.a.
T 16	9 33	17 33	0 s 8	2 27	0 20	17 29	1 9	13 36	0 43	23 54	1 30	24 12	1 57	18 12	0 6	17 16	0 41	26 29	15 5	16 59	17 20	22 38		n.a.
F 17	9 56	21 40	1 13	3 9	0 13	17 53	1 11	13 53	0 43	23 54	1 30	24 12	1 57	18 11	0 6	17 16	0 41	26 29	15 5	16 59	17 19	22 40		n.a.
S 18	10 19	24 54	2 14	3 52	0 6	18 17	1 13	14 10	0 44	23 54	1 31	24 12	1 57	18 11	0 6	17 15	0 41	26 28	15 5	16 59	17 18	22 43		n.a.
S 19	10 41	27 4	3 10	4 34	0 s 1	18 41	1 14	14 27	0 44	23 54	1 31	24 12	1 58	18 10	0 6	17 15	0 41	26 28	15 6	17 0	17 17	22 45		n.a.
M20	11 4	28 0	3 58	5 17	0 8	19 4	1 16	14 44	0 45	23 53	1 31	24 12	1 58	18 9	0 6	17 15	0 41	26 28	15 6	17 0	17 16	22 47		n.a.
T 21	11 26	27 39	4 36	5 59	0 15	19 27	1 17	15 0	0 45	23 53	1 32	24 12	1 58	18 9	0 6	17 14	0 41	26 28	15 7	17 1	17 15	22 49		n.a.
W22	11 48	25 57	5 3	6 42	0 21	19 49	1 19	15 16	0 46	23 53	1 32	24 12	1 58	18 8	0 6	17 14	0 41	26 28	15 7	17 1	17 14	22 51		n.a.
T 23	12 10	22 58	5 16	7 24	0 28	20 10	1 21	15 33	0 46	23 53	1 32	24 12	1 59	18 7	0 6	17 13	0 41	26 27	15 7	17 1	17 13	22 53		n.a.
F 24	12 32	18 47	5 13	8 6	0 34	20 31	1 22	15 49	0 47	23 53	1 33	24 12	1 59	18 7	0 6	17 13	0 41	26 27	15 8	17 1	17 12	22 56		n.a.
S 25	12 54	13 35	4 55	8 49	0 41	20 52	1 23	16 5	0 47	23 53	1 33	24 12	1 59	18 6	0 6	17 12	0 41	26 27	15 8	17 0	17 11	22 58		n.a.
S 26	13 15	7 33	4 18	9 31	0 47	21 11	1 25	16 20	0 48	23 53	1 33	24 13	1 59	18 5	0 6	17 12	0 41	26 27	15 9	17 0	17 10	23 0		n.a.
M27	13 36	0 56	3 25	10 12	0 52	21 31	1 26	16 36	0 48	23 52	1 34	24 13	2 0	18 5	0 6	17 12	0 41	26 27	15 9	16 59	17 9	23 2		n.a.
T 28	13 57	5n55	2 18	10 54	0 58	21 49	1 27	16 51	0 49	23 52	1 34	24 13	2 0	18 4	0 6	17 11	0 41	26 27	15 9	16 59	17 8	23 4		n.a.
W29	14 17	12 36	0 59	11 35	1 4	22 7	1 28	17 6	0 49	23 53	1 34	24 13	2 0	18 3	0 6	17 11	0 41	26 27	15 10	16 59	17 7	23 6		n.a.
T 30	14 s38	18n38	0n24	12 s16	1 s 9	22 s24	1 s30	17 s22	0 s50	23n53	1n35	24n13	2n 1	18n 3	0n 6	17n10	0 s41	26n27	15n10	16n59	17n 6	23 s 8		n.a.

Julian Day Number = 196078.5, Delta T = 32h18m59s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'46, Lahiri = -61°19'46 Julian Calendar 1 Nov. 4177 BCE == Greg. Calendar 29 Sept. 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4177 BCE
geocentric

DECEMBER 4177 BCE (-4176) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 31 14	9♏11'46	5♊ 5	29♎59	2♐17	15♏ 3	21♋41	22♋ 8	18°R56	18°R29	28♌27	15♉37	16♉ 0	4♐14	n.a.	F 1
S 2	2 35 11	10°12'36	20° 3	1♏37	3°31	15°50	21°42	22°R 8	18♉53	18♉28	28°28	15°38	15°57	4°20	n.a.	S 2
S 3	2 39 7	11°13'24	4♋45	3°16	4°45	16°37	21°44	22° 8	18°50	18°26	28°29	15°38	15°53	4°27	n.a.	S 3
M 4	2 43 4	12°14'11	19° 7	4°56	5°59	17°24	21°45	22° 8	18°48	18°24	28°30	15°38	15°50	4°34	n.a.	M 4
T 5	2 47 1	13°14'57	3♌ 6	6°37	7°14	18°11	21°45	22° 7	18°45	18°23	28°31	15°39	15°47	4°40	n.a.	T 5
W 6	2 50 57	14°15'41	16°41	8°18	8°28	18°58	21°46	22° 7	18°43	18°21	28°32	15°R39	15°44	4°47	n.a.	W 6
T 7	2 54 54	15°16'24	29°54	10° 0	9°42	19°46	21°46	22° 7	18°40	18°19	28°33	15°D39	15°41	4°54	n.a.	T 7
F 8	2 58 50	16°17'06	12♍48	11°43	10°56	20°33	21°47	22° 6	18°37	18°17	28°34	15°39	15°37	5° 0	n.a.	F 8
S 9	3 2 47	17°17'45	25°24	13°27	12°10	21°20	21°R47	22° 5	18°35	18°16	28°35	15°39	15°34	5° 7	n.a.	S 9
S 10	3 6 43	18°18'24	7♎46	15°12	13°24	22° 7	21°46	22° 5	18°32	18°14	28°35	15°39	15°31	5°14	n.a.	S 10
M11	3 10 40	19°19'00	19°56	16°57	14°38	22°54	21°46	22° 4	18°30	18°12	28°36	15°39	15°28	5°20	n.a.	M11
T 12	3 14 37	20°19'35	1♏57	18°44	15°52	23°41	21°46	22° 3	18°27	18°11	28°37	15°40	15°25	5°27	n.a.	T 12
W13	3 18 33	21°20'08	13°52	20°31	17° 6	24°28	21°45	22° 2	18°24	18° 9	28°38	15°R40	15°22	5°34	n.a.	W13
T 14	3 22 30	22°20'40	25°43	22°19	18°20	25°15	21°44	22° 1	18°22	18° 7	28°38	15°40	15°18	5°40	n.a.	T 14
F 15	3 26 26	23°21'09	7♐31	24° 7	19°34	26° 2	21°43	22° 0	18°19	18° 6	28°39	15°39	15°15	5°47	n.a.	F 15
S 16	3 30 23	24°21'37	19°19	25°57	20°48	26°49	21°41	21°58	18°16	18° 4	28°40	15°38	15°12	5°54	n.a.	S 16
S 17	3 34 19	25°22'02	1♑ 9	27°47	22° 2	27°36	21°40	21°57	18°14	18° 2	28°40	15°37	15° 9	6° 0	n.a.	S 17
M18	3 38 16	26°22'26	13° 4	29°38	23°15	28°23	21°38	21°55	18°11	18° 1	28°41	15°35	15° 6	6° 7	n.a.	M18
T 19	3 42 13	27°22'47	25° 6	1♐30	24°29	29°10	21°36	21°54	18° 9	17°59	28°41	15°34	15° 3	6°14	n.a.	T 19
W20	3 46 9	28°23'06	7♒20	3°23	25°43	29°57	21°34	21°52	18° 6	17°57	28°42	15°32	14°59	6°20	n.a.	W20
T 21	3 50 6	29°23'22	19°50	5°15	26°56	0♐44	21°32	21°50	18° 4	17°56	28°42	15°32	14°56	6°27	n.a.	T 21
F 22	3 54 2	0♐23'36	2♓38	7° 8	28°10	1°30	21°30	21°48	18° 1	17°54	28°43	15°D31	14°53	6°34	n.a.	F 22
S 23	3 57 59	1°23'48	15°49	9° 2	29°23	2°17	21°27	21°46	17°59	17°52	28°43	15°32	14°50	6°40	n.a.	S 23
S 24	4 1 55	2°23'57	29°25	10°55	0♑37	3° 4	21°24	21°44	17°56	17°51	28°44	15°33	14°47	6°47	n.a.	S 24
M25	4 5 52	3°24'04	13♈28	12°48	1°50	3°51	21°21	21°42	17°53	17°49	28°44	15°34	14°43	6°53	n.a.	M25
T 26	4 9 48	4°24'09	27°56	14°41	3° 4	4°37	21°18	21°40	17°51	17°48	28°44	15°35	14°40	7° 0	n.a.	T 26
W27	4 13 45	5°24'11	12♉48	16°34	4°17	5°24	21°15	21°37	17°49	17°46	28°44	15°R36	14°37	7° 7	n.a.	W27
T 28	4 17 42	6°24'11	27°56	18°25	5°30	6°11	21°11	21°35	17°46	17°44	28°45	15°36	14°34	7°13	n.a.	T 28
F 29	4 21 38	7°24'09	13♊11	20°15	6°44	6°57	21° 7	21°32	17°44	17°43	28°45	15°34	14°31	7°20	n.a.	F 29
S 30	4 25 35	8°24'05	28°24	22° 3	7°57	7°44	21° 4	21°30	17°41	17°41	28°45	15°32	14°28	7°27	n.a.	S 30
S 31	4 29 31	9♐23'59	13♋25	23♐49	9♑10	8♐30	21♋ 0	21♋27	17♉39	17♉40	28♌45	15♉28	14♉24	7♐33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s58	23n29	1n46	12s56	1s14	22s41	1s31	17s36	0s50	23n53	1n35	24n14	2n 1	18n 2	0n 6	17n10	0s41	26n27	15n11	16n59	17n 5	23s10		n.a.	F 1
S 2	15 18	26 43	3 0	13 36	1 19	22 57	1 32	17 51	0 51	23 53	1 35	24 14	2 1	18 1	0 6	17 9	0 41	26 27	15 11	16 59	17 5	23 13		n.a.	S 2
S 3	15 37	28 2	4 1	14 16	1 24	23 12	1 33	18 5	0 51	23 53	1 36	24 14	2 1	18 1	0 6	17 9	0 41	26 27	15 12	16 59	17 4	23 15		n.a.	S 3
M 4	15 56	27 24	4 44	14 55	1 28	23 27	1 33	18 20	0 52	23 53	1 36	24 14	2 2	18 0	0 6	17 8	0 41	26 27	15 12	16 59	17 3	23 17		n.a.	M 4
T 5	16 15	25 2	5 10	15 33	1 32	23 41	1 34	18 34	0 52	23 53	1 37	24 15	2 2	17 59	0 6	17 8	0 41	26 27	15 12	16 59	17 2	23 19		n.a.	T 5
W 6	16 34	21 18	5 18	16 11	1 36	23 54	1 35	18 48	0 53	23 54	1 37	24 15	2 2	17 58	0 6	17 7	0 41	26 27	15 13	16 59	17 1	23 21		n.a.	W 6
T 7	16 52	16 36	5 8	16 48	1 39	24 6	1 36	19 1	0 53	23 54	1 37	24 15	2 2	17 58	0 6	17 7	0 41	26 27	15 13	16 59	17 0	23 23		n.a.	T 7
F 8	17 11	11 16	4 43	17 24	1 43	24 18	1 36	19 15	0 54	23 54	1 38	24 16	2 3	17 57	0 6	17 6	0 41	26 27	15 14	16 59	16 59	23 25		n.a.	F 8
S 9	17 28	5 36	4 5	18 0	1 46	24 29	1 37	19 28	0 54	23 55	1 38	24 16	2 3	17 56	0 6	17 6	0 41	26 27	15 14	16 59	16 58	23 27		n.a.	S 9
S 10	17 46	0s11	3 15	18 34	1 48	24 40	1 37	19 41	0 54	23 55	1 38	24 16	2 3	17 55	0 6	17 6	0 41	26 27	15 15	16 59	16 57	23 29		n.a.	S 10
M11	18 3	5 53	2 18	19 8	1 50	24 49	1 38	19 54	0 55	23 55	1 39	24 17	2 3	17 55	0 6	17 5	0 41	26 27	15 15	16 59	16 56	23 31		n.a.	M11
T 12	18 20	11 19	1 15	19 40	1 52	24 58	1 38	20 7	0 55	23 56	1 39	24 17	2 4	17 54	0 6	17 5	0 41	26 27	15 16	17 0	16 55	23 33		n.a.	T 12
W13	18 36	16 18	0 10	20 12	1 53	25 6	1 38	20 19	0 56	23 56	1 39	24 18	2 4	17 53	0 6	17 4	0 41	26 27	15 16	17 0	16 54	23 35		n.a.	W13
T 14	18 52	20 38	0s56	20 42	1 54	25 13	1 38	20 31	0 56	23 57	1 40	24 18	2 4	17 52	0 6	17 4	0 41	26 28	15 17	17 0	16 53	23 37		n.a.	T 14
F 15	19 8	24 8	1 58	21 11	1 55	25 20	1 38	20 43	0 56	23 57	1 40	24 18	2 4	17 52	0 6	17 3	0 41	26 28	15 17	16 59	16 52	23 39		n.a.	F 15
S 16	19 24	26 36	2 56	21 38	1 54	25 25	1 38	20 55	0 57	23 58	1 40	24 19	2 5	17 51	0 6	17 3	0 41	26 28	15 17	16 59	16 51	23 41		n.a.	S 16
S 17	19 39	27 53	3 46	22 4	1 54	25 30	1 38	21 7	0 57	23 58	1 41	24 19	2 5	17 50	0 6	17 2	0 41	26 28	15 18	16 59	16 50	23 43		n.a.	S 17
M18	19 53	27 53	4 27	22 29	1 53	25 35	1 38	21 18	0 58	23 59	1 41	24 20	2 5	17 50	0 6	17 2	0 41	26 28	15 18	16 58	16 49	23 45		n.a.	M18
T 19	20 8	26 34	4 57	22 51	1 51	25 38	1 38	21 29	0 58	24 0	1 42	24 20	2 5	17 49	0 6	17 1	0 41	26 29	15 19	16 58	16 48	23 47		n.a.	T 19
W20	20 22	23 59	5 13	23 12	1 49	25 41	1 38	21 40	0 58	24 0	1 42	24 21	2 6	17 48	0 6	17 1	0 41	26 29	15 19	16 57	16 47	23 49		n.a.	W20
T 21	20 35	20 15	5 16	23 31	1 46	25 42	1 38	21 50	0 59	24 1	1 42	24 21	2 6	17 47	0 6	17 0	0 41	26 29	15 20	16 57	16 46	23 51		n.a.	T 21
F 22	20 48	15 30	5 3	23 48	1 42	25 43	1 37	22 0	0 59	24 2	1 43	24 22	2 6	17 47	0 6	17 0	0 41	26 29	15 20	16 57	16 45	23 53		n.a.	F 22
S 23	21 1	9 56	4 34	24 2	1 38	25 44	1 37	22 11	0 59	24 3	1 43	24 23	2 6	17 46	0 6	17 0	0 41	26 30	15 21	16 57	16 45	23 55		n.a.	S 23
S 24	21 14	3 43	3 49	24 15	1 33	25 43	1 36	22 20	1 0	24 3	1 43	24 23	2 7	17 45	0 6	16 59	0 41	26 30	15 21	16 57	16 44	23 57		n.a.	S 24
M25	21 26	2n53	2 49	24 25	1 27	25 42	1 35	22 30	1 0	24 4	1 44	24 24	2 7	17 45	0 6	16 59	0 41	26 30	15 22	16 58	16 43	23 59		n.a.	M25
T 26	21 37	9 33	1 36	24 33	1 21	25 39	1 35	22 39	1 0	24 5	1 44	24 24	2 7	17 44	0 6	16 58	0 41	26 31	15 22	16 58	16 42	24 1		n.a.	T 26
W27	21 48	15 52	0 15	24 38	1 14	25 37	1 34	22 48	1 1	24 6	1 44	24 25	2 7	17 43	0 6	16 58	0 41	26 31	15 23	16 58	16 41	24 3		n.a.	W27
T 28	21 59	21 21	1n 8	24 41	1 6	25 33	1 33	22 57	1 1	24 7	1 45	24 26	2 7	17 42	0 6	16 57	0 40	26 31	15 23	16 58	16 40	24 5		n.a.	T 28
F 29	22 10	25 27	2 26	24 42	0 57	25 28	1 32	23 6	1 1	24 8	1 45	24 26	2 8	17 42	0 6	16 57	0 40	26 32	15 24	16 58	16 39	24 7		n.a.	F 29
S 30	22 20	27 41	3 35	24 40	0 48	25 23	1 31	23 14	1 2	24 9	1 45	24 27	2 8	17 41	0 6	16 56	0 40	26 32	15 24	16 57	16 38	24 9		n.a.	S 30
S 31	22s29	27n50	4n27	24s35	0s37	25s17	1s30	23s22	1s 2	24n10	1n46	24n28	2n 8	17n40	0n 6	16n56	0s40	26n33	15n24	16n56	16n37	24s11		n.a.	S 31

Julian Day Number = 196108.5, Delta T = 32h18m56s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'42, Lahiri = -61°19'42 Julian Calendar 1 Dec. 4177 BCE == Greg. Calendar 29 Oct. 4177 BCE

The year -4176 astronomical counting style corresponds to year 4177 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

JANUARY 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 33 28	10♐23'50	28♋ 5	25♐32	10♑23	9♐17	20°R55	21°R24	17°R37	17°R38	28♌45	15°R25	14♉21	7♐40	n.a.	M 1
T 2	4 37 24	11°23'40	12♌19	27°12	11°36	10° 3	20♋51	21♋21	17♉34	17♉37	28°R45	15♉22	14°18	7°47	n.a.	T 2
W 3	4 41 21	12°23'28	26° 4	28°48	12°49	10°50	20°47	21°18	17°32	17°35	28°45	15°20	14°15	7°53	n.a.	W 3
T 4	4 45 17	13°23'13	9♍22	0♑21	14° 2	11°36	20°42	21°15	17°30	17°34	28°45	15°D19	14°12	8° 0	n.a.	T 4
F 5	4 49 14	14°22'57	22°15	1°48	15°15	12°23	20°37	21°12	17°27	17°32	28°45	15°19	14° 9	8° 7	n.a.	F 5
S 6	4 53 10	15°22'39	4♎46	3°10	16°28	13° 9	20°32	21° 9	17°25	17°31	28°45	15°20	14° 5	8°13	n.a.	S 6
S 7	4 57 7	16°22'19	17° 1	4°27	17°41	13°55	20°27	21° 6	17°23	17°29	28°45	15°22	14° 2	8°20	n.a.	S 7
M 8	5 1 4	17°21'56	29° 2	5°37	18°53	14°42	20°22	21° 3	17°21	17°28	28°45	15°24	13°59	8°27	n.a.	M 8
T 9	5 5 0	18°21'32	10♏55	6°40	20° 6	15°28	20°16	20°59	17°19	17°26	28°44	15°R25	13°56	8°33	n.a.	T 9
W10	5 8 57	19°21'05	22°44	7°36	21°19	16°14	20°11	20°56	17°16	17°25	28°44	15°24	13°53	8°40	n.a.	W10
T 11	5 12 53	20°20'37	4♐31	8°25	22°31	17° 0	20° 5	20°52	17°14	17°24	28°44	15°23	13°49	8°47	n.a.	T 11
F 12	5 16 50	21°20'06	16°19	9° 5	23°44	17°46	19°59	20°49	17°12	17°22	28°43	15°19	13°46	8°53	n.a.	F 12
S 13	5 20 46	22°19'33	28°10	9°38	24°56	18°33	19°53	20°45	17°10	17°21	28°43	15°14	13°43	9° 0	n.a.	S 13
S 14	5 24 43	23°18'58	10♑ 6	10° 3	26° 8	19°19	19°47	20°41	17° 8	17°20	28°43	15° 7	13°40	9° 7	n.a.	S 14
M15	5 28 39	24°18'20	22° 9	10°19	27°21	20° 5	19°41	20°38	17° 6	17°18	28°42	14°59	13°37	9°13	n.a.	M15
T 16	5 32 36	25°17'40	4♒20	10°R27	28°33	20°51	19°34	20°34	17° 5	17°17	28°42	14°52	13°34	9°20	n.a.	T 16
W17	5 36 32	26°16'57	16°42	10°27	29°45	21°37	19°28	20°30	17° 3	17°16	28°41	14°46	13°30	9°27	n.a.	W17
T 18	5 40 29	27°16'12	29°16	10°19	0♒57	22°22	19°21	20°26	17° 1	17°15	28°41	14°40	13°27	9°33	n.a.	T 18
F 19	5 44 26	28°15'24	12♓ 5	10° 4	2° 9	23° 8	19°15	20°22	16°59	17°14	28°40	14°37	13°24	9°40	n.a.	F 19
S 20	5 48 22	29°14'34	25°11	9°41	3°21	23°54	19° 8	20°18	16°57	17°12	28°40	14°D36	13°21	9°47	n.a.	S 20
S 21	5 52 19	0♑13'41	8♈39	9°12	4°33	24°40	19° 1	20°14	16°56	17°11	28°39	14°36	13°18	9°53	n.a.	S 21
M22	5 56 15	1°12'46	22°29	8°37	5°44	25°26	18°54	20°10	16°54	17°10	28°38	14°37	13°14	10° 0	n.a.	M22
T 23	6 0 12	2°11'48	6♉42	7°58	6°56	26°11	18°47	20° 6	16°52	17° 9	28°38	14°38	13°11	10° 7	n.a.	T 23
W24	6 4 8	3°10'47	21°18	7°14	8° 7	26°57	18°40	20° 2	16°51	17° 8	28°37	14°R38	13° 8	10°13	n.a.	W24
T 25	6 8 5	4° 9'44	6♊12	6°26	9°19	27°43	18°33	19°57	16°49	17° 7	28°36	14°36	13° 5	10°20	n.a.	T 25
F 26	6 12 1	5° 8'39	21°19	5°37	10°30	28°28	18°26	19°53	16°48	17° 6	28°35	14°32	13° 2	10°27	n.a.	F 26
S 27	6 15 58	6° 7'31	6♋29	4°47	11°42	29°14	18°18	19°49	16°46	17° 5	28°35	14°26	12°59	10°33	n.a.	S 27
S 28	6 19 54	7° 6'21	21°32	3°56	12°53	29°59	18°11	19°45	16°45	17° 4	28°34	14°18	12°55	10°40	n.a.	S 28
M29	6 23 51	8° 5'09	6♌19	3° 6	14° 4	0♑44	18° 3	19°40	16°44	17° 3	28°33	14°10	12°52	10°47	n.a.	M29
T 30	6 27 47	9° 3'55	20°42	2°18	15°15	1°30	17°56	19°36	16°42	17° 2	28°32	14° 2	12°49	10°53	n.a.	T 30
W31	6 31 44	10♑ 2'38	4♍37	1♑33	16♒26	2♑15	17♋48	19♋32	16♉41	17♉ 1	28♌31	13♉55	12♉46	11♐ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	22s38	26n 1	5n 0	24s29	0s26	25s10	1s29	23s30	1s 2	24n11	1n46	24n28	2n 8	17n40	0n 6	16n56	0s40	26n33	15n25	16n55	16n36	24s13			n.a.
T 2	22 47	22 35	5 14	24 20	0 15	25 3	1 28	23 37	1 3	24 12	1 46	24 29	2 9	17 39	0 6	16 55	0 40	26 33	15 25	16 54	16 35	24 15			n.a.
W 3	22 55	18 0	5 9	24 9	0 2	24 54	1 26	23 44	1 3	24 13	1 46	24 30	2 9	17 38	0 6	16 55	0 40	26 34	15 26	16 54	16 34	24 17			n.a.
T 4	23 3	12 41	4 47	23 56	0n11	24 45	1 25	23 51	1 3	24 14	1 47	24 30	2 9	17 38	0 6	16 54	0 40	26 34	15 26	16 53	16 33	24 19			n.a.
F 5	23 10	6 59	4 12	23 42	0 25	24 36	1 23	23 58	1 3	24 15	1 47	24 31	2 9	17 37	0 6	16 54	0 40	26 35	15 27	16 53	16 32	24 21			n.a.
S 6	23 17	1 10	3 25	23 26	0 39	24 25	1 22	24 4	1 4	24 16	1 47	24 32	2 9	17 36	0 6	16 54	0 40	26 35	15 27	16 54	16 31	24 23			n.a.
S 7	23 24	4s34	2 29	23 9	0 53	24 14	1 20	24 10	1 4	24 17	1 48	24 32	2 10	17 36	0 6	16 53	0 40	26 36	15 28	16 54	16 30	24 25			n.a.
M 8	23 30	10 4	1 29	22 52	1 8	24 2	1 18	24 16	1 4	24 18	1 48	24 33	2 10	17 35	0 6	16 53	0 40	26 36	15 28	16 55	16 29	24 27			n.a.
T 9	23 35	15 8	0 25	22 34	1 23	23 50	1 17	24 22	1 4	24 19	1 48	24 34	2 10	17 35	0 6	16 52	0 40	26 37	15 29	16 55	16 28	24 28			n.a.
W10	23 40	19 37	0s40	22 15	1 38	23 36	1 15	24 27	1 5	24 20	1 48	24 35	2 10	17 34	0 6	16 52	0 40	26 37	15 29	16 55	16 27	24 30			n.a.
T 11	23 45	23 19	1 42	21 57	1 53	23 22	1 13	24 32	1 5	24 21	1 49	24 35	2 10	17 33	0 6	16 52	0 40	26 38	15 30	16 54	16 26	24 32			n.a.
F 12	23 49	26 3	2 41	21 40	2 8	23 8	1 11	24 37	1 5	24 23	1 49	24 36	2 11	17 33	0 6	16 51	0 40	26 38	15 30	16 53	16 25	24 34			n.a.
S 13	23 53	27 38	3 32	21 23	2 23	22 52	1 9	24 41	1 5	24 24	1 49	24 37	2 11	17 32	0 6	16 51	0 40	26 39	15 30	16 52	16 24	24 36			n.a.
S 14	23 56	27 56	4 14	21 7	2 37	22 37	1 7	24 46	1 5	24 25	1 49	24 38	2 11	17 32	0 6	16 51	0 40	26 39	15 31	16 50	16 23	24 38			n.a.
M15	23 59	26 56	4 45	20 52	2 51	22 20	1 4	24 49	1 6	24 26	1 50	24 38	2 11	17 31	0 6	16 50	0 40	26 40	15 31	16 47	16 22	24 40			n.a.
T 16	24 2	24 38	5 4	20 38	3 4	22 3	1 2	24 53	1 6	24 27	1 50	24 39	2 11	17 31	0 6	16 50	0 40	26 40	15 32	16 45	16 21	24 41			n.a.
W17	24 4	21 10	5 9	20 27	3 16	21 45	1 0	24 56	1 6	24 29	1 50	24 40	2 11	17 30	0 6	16 50	0 40	26 41	15 32	16 43	16 20	24 43			n.a.
T 18	24 5	16 42	4 59	20 16	3 26	21 27	0 57	25 0	1 6	24 30	1 50	24 41	2 12	17 29	0 6	16 49	0 40	26 42	15 33	16 42	16 19	24 45			n.a.
F 19	24 6	11 26	4 35	20 8	3 36	21 8	0 55	25 2	1 6	24 31	1 51	24 42	2 12	17 29	0 6	16 49	0 40	26 42	15 33	16 41	16 18	24 47			n.a.
S 20	24 7	5 33	3 55	20 2	3 44	20 48	0 52	25 5	1 7	24 32	1 51	24 42	2 12	17 28	0 6	16 49	0 40	26 43	15 33	16 40	16 17	24 49			n.a.
S 21	24 7	0n45	3 2	19 57	3 51	20 28	0 50	25 7	1 7	24 33	1 51	24 43	2 12	17 28	0 6	16 48	0 40	26 43	15 34	16 40	16 16	24 51			n.a.
M22	24 6	7 11	1 57	19 54	3 56	20 8	0 47	25 9	1 7	24 35	1 51	24 44	2 12	17 28	0 6	16 48	0 40	26 44	15 34	16 41	16 15	24 52			n.a.
T 23	24 6	13 28	0 43	19 53	3 59	19 47	0 44	25 11	1 7	24 36	1 51	24 45	2 12	17 27	0 6	16 48	0 40	26 45	15 35	16 41	16 14	24 54			n.a.
W24	24 4	19 10	0n36	19 54	4 1	19 25	0 42	25 12	1 7	24 37	1 52	24 45	2 13	17 27	0 6	16 48	0 40	26 45	15 35	16 41	16 13	24 56			n.a.
T 25	24 3	23 49	1 54	19 57	4 0	19 3	0 39	25 13	1 7	24 38	1 52	24 46	2 13	17 26	0 6	16 47	0 40	26 46	15 35	16 40	16 12	24 58			n.a.
F 26	24 1	26 53	3 4	20 2	3 58	18 40	0 36	25 14	1 7	24 39	1 52	24 47	2 13	17 26	0 6	16 47	0 40	26 46	15 36	16 39	16 11	25 0			n.a.
S 27	23 58	27 59	4 2	20 8	3 54	18 17	0 33	25 14	1 8	24 41	1 52	24 48	2 13	17 25	0 6	16 47	0 40	26 47	15 36	16 37	16 10	25 1			n.a.
S 28	23 55	26 59	4 42	20 15	3 49	17 54	0 30	25 15	1 8	24 42	1 52	24 49	2 13	17 25	0 6	16 46	0 40	26 48	15 37	16 35	16 9	25 3			n.a.
M29	23 52	24 6	5 3	20 23	3 41	17 30	0 27	25 15	1 8	24 43	1 52	24 49	2 13	17 25	0 6	16 46	0 40	26 48	15 37	16 32	16 8	25 5			n.a.
T 30	23 48	19 47	5 4	20 33	3 33	17 6	0 24	25 14	1 8	24 44	1 53	24 50	2 13	17 24	0 6	16 46	0 40	26 49	15 37	16 30	16 7	25 7			n.a.
W31	23s43	14n31	4n47	20s44	3n22	16s41	0s20	25s14	1s 8	24n45	1n53	24n51	2n13	17n24	0n 6	16n46	0s40	26n50	15n38	16n28	16n 6	25s 8			n.a.

Julian Day Number = 196139.5, Delta T = 32h18m52s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'38, Lahiri = -61°19'38 Julian Calendar 1 Jan. 4176 BCE == Greg. Calendar 29 Nov. 4177 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

FEBRUARY 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 35 41	11♉ 1'20	18♍ 2	0°R51	17♒37	3♉ 0	17°R41	19°R27	16°R40	17°R 0	28°R30	13°R51	12♉43	11♐ 7	n.a.	T 1
F 2	6 39 37	11°59'59	1♎ 0	0♉13	18°47	3°46	17♋33	19♋23	16♉39	17♉ 0	28♌29	13♉48	12°40	11°13	n.a.	F 2
S 3	6 43 34	12°58'37	13°33	29♐39	19°58	4°31	17°26	19°18	16°38	16°59	28°28	13°D48	12°36	11°20	n.a.	S 3
S 4	6 47 30	13°57'13	25°47	29°11	21° 8	5°16	17°18	19°14	16°36	16°58	28°27	13°48	12°33	11°27	n.a.	S 4
M 5	6 51 27	14°55'47	7♏47	28°47	22°19	6° 1	17°10	19° 9	16°35	16°57	28°26	13°R49	12°30	11°33	n.a.	M 5
T 6	6 55 23	15°54'19	19°38	28°28	23°29	6°46	17° 2	19° 5	16°34	16°57	28°25	13°49	12°27	11°40	n.a.	T 6
W 7	6 59 20	16°52'49	1♐25	28°15	24°39	7°31	16°55	19° 0	16°34	16°56	28°24	13°47	12°24	11°47	n.a.	W 7
T 8	7 3 16	17°51'17	13°12	28° 7	25°50	8°16	16°47	18°56	16°33	16°55	28°23	13°43	12°20	11°53	n.a.	T 8
F 9	7 7 13	18°49'44	25° 2	28°D 5	27° 0	9° 1	16°39	18°51	16°32	16°55	28°22	13°37	12°17	12° 0	n.a.	F 9
S 10	7 11 9	19°48'08	6♉59	28° 8	28° 9	9°46	16°32	18°47	16°31	16°54	28°21	13°27	12°14	12° 7	n.a.	S 10
S 11	7 15 6	20°46'30	19° 4	28°16	29°19	10°31	16°24	18°42	16°30	16°53	28°19	13°16	12°11	12°13	n.a.	S 11
M12	7 19 2	21°44'50	1♒19	28°28	0♓29	11°15	16°16	18°38	16°30	16°53	28°18	13° 4	12° 8	12°20	n.a.	M12
T 13	7 22 59	22°43'08	13°44	28°46	1°38	12° 0	16° 9	18°33	16°29	16°52	28°17	12°51	12° 5	12°27	n.a.	T 13
W14	7 26 55	23°41'24	26°20	29° 8	2°48	12°45	16° 1	18°29	16°29	16°52	28°16	12°40	12° 1	12°33	n.a.	W14
T 15	7 30 52	24°39'38	9♓ 7	29°35	3°57	13°29	15°54	18°24	16°28	16°52	28°14	12°31	11°58	12°40	n.a.	T 15
F 16	7 34 48	25°37'49	22° 6	0♉ 6	5° 6	14°14	15°46	18°20	16°28	16°51	28°13	12°24	11°55	12°47	n.a.	F 16
S 17	7 38 45	26°35'58	5♈19	0°41	6°15	14°58	15°39	18°16	16°27	16°51	28°12	12°20	11°52	12°53	n.a.	S 17
S 18	7 42 42	27°34'05	18°47	1°21	7°24	15°43	15°31	18°11	16°27	16°50	28°10	12°18	11°49	13° 0	n.a.	S 18
M19	7 46 38	28°32'10	2♉31	2° 3	8°33	16°27	15°24	18° 7	16°26	16°50	28° 9	12°D18	11°46	13° 7	n.a.	M19
T 20	7 50 35	29°30'12	16°32	2°50	9°42	17°11	15°16	18° 2	16°26	16°50	28° 8	12°R18	11°42	13°13	n.a.	T 20
W21	7 54 31	0♒28'12	0♊51	3°40	10°50	17°56	15° 9	17°58	16°26	16°50	28° 6	12°17	11°39	13°20	n.a.	W21
T 22	7 58 28	1°26'11	15°26	4°33	11°58	18°40	15° 2	17°54	16°26	16°49	28° 5	12°14	11°36	13°27	n.a.	T 22
F 23	8 2 24	2°24'07	0♋12	5°29	13° 6	19°24	14°55	17°50	16°26	16°49	28° 3	12° 9	11°33	13°33	n.a.	F 23
S 24	8 6 21	3°22'01	15° 4	6°28	14°14	20° 8	14°48	17°45	16°D26	16°49	28° 2	12° 0	11°30	13°40	n.a.	S 24
S 25	8 10 17	4°19'53	29°52	7°30	15°22	20°52	14°41	17°41	16°26	16°49	28° 0	11°50	11°26	13°47	n.a.	S 25
M26	8 14 14	5°17'43	14♌29	8°35	16°30	21°36	14°34	17°37	16°26	16°49	27°59	11°39	11°23	13°53	n.a.	M26
T 27	8 18 10	6°15'32	28°48	9°42	17°38	22°20	14°28	17°33	16°26	16°49	27°57	11°28	11°20	14° 0	n.a.	T 27
W28	8 22 7	7♒13'19	12♍42	10♉53	18♓45	23♉ 4	14♋21	17♋29	16♉26	16°D49	27♌56	11♉18	11♉17	14♐ 7	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s38	8n44	4n14	20s56	3n11	16s16	0s17	25s13	1s 8	24n46	1n53	24n52	2n13	17n23	0n 6	16n46	0s40	26n50	15n38	16n27	16n 5	25s10		n.a.
F 2	23 33	2 46	3 29	21 8	2 59	15 50	0 14	25 12	1 8	24 48	1 53	24 52	2 14	17 23	0 6	16 45	0 39	26 51	15 38	16 26	16 4	25 12		n.a.
S 3	23 28	3s 8	2 35	21 21	2 46	15 24	0 11	25 10	1 8	24 49	1 53	24 53	2 14	17 23	0 6	16 45	0 39	26 52	15 39	16 26	16 3	25 14		n.a.
S 4	23 22	8 46	1 35	21 34	2 32	14 58	0 7	25 9	1 8	24 50	1 53	24 54	2 14	17 22	0 6	16 45	0 39	26 53	15 39	16 26	16 2	25 15		n.a.
M 5	23 15	13 59	0 32	21 48	2 18	14 31	0 4	25 7	1 8	24 51	1 53	24 55	2 14	17 22	0 6	16 45	0 39	26 53	15 39	16 26	16 1	25 17		n.a.
T 6	23 8	18 38	0s31	22 3	2 4	14 4	0 0	25 5	1 8	24 52	1 53	24 55	2 14	17 22	0 6	16 45	0 39	26 54	15 40	16 26	16 0	25 19		n.a.
W 7	23 1	22 32	1 33	22 17	1 49	13 37	0n 3	25 2	1 8	24 53	1 53	24 56	2 14	17 22	0 6	16 44	0 39	26 55	15 40	16 25	15 59	25 20		n.a.
T 8	22 53	25 30	2 30	22 32	1 35	13 10	0 7	24 59	1 8	24 54	1 53	24 57	2 14	17 21	0 6	16 44	0 39	26 55	15 40	16 24	15 58	25 22		n.a.
F 9	22 45	27 22	3 21	22 46	1 20	12 42	0 10	24 56	1 8	24 55	1 53	24 58	2 14	17 21	0 6	16 44	0 39	26 56	15 41	16 22	15 57	25 24		n.a.
S 10	22 36	27 59	4 4	23 1	1 5	12 14	0 14	24 53	1 9	24 56	1 54	24 58	2 14	17 21	0 6	16 44	0 39	26 57	15 41	16 19	15 56	25 26		n.a.
S 11	22 27	27 16	4 36	23 15	0 51	11 46	0 18	24 50	1 9	24 57	1 54	24 59	2 14	17 21	0 6	16 44	0 39	26 57	15 41	16 16	15 55	25 27		n.a.
M12	22 18	25 13	4 55	23 29	0 37	11 17	0 21	24 46	1 9	24 58	1 54	25 0	2 14	17 21	0 6	16 44	0 39	26 58	15 41	16 12	15 54	25 29		n.a.
T 13	22 8	21 58	5 2	23 43	0 24	10 48	0 25	24 42	1 9	24 59	1 54	25 0	2 14	17 20	0 6	16 44	0 39	26 59	15 42	16 8	15 53	25 31		n.a.
W14	21 58	17 40	4 53	23 56	0 10	10 19	0 29	24 37	1 9	25 0	1 54	25 1	2 14	17 20	0 6	16 44	0 39	27 0	15 42	16 5	15 52	25 32		n.a.
T 15	21 48	12 31	4 30	24 9	0s 2	9 50	0 33	24 33	1 9	25 1	1 54	25 2	2 14	17 20	0 6	16 43	0 39	27 0	15 42	16 2	15 51	25 34		n.a.
F 16	21 37	6 46	3 53	24 22	0 15	9 21	0 36	24 28	1 9	25 2	1 54	25 2	2 14	17 20	0 6	16 43	0 39	27 1	15 42	16 0	15 50	25 36		n.a.
S 17	21 26	0 37	3 3	24 33	0 27	8 51	0 40	24 23	1 9	25 3	1 54	25 3	2 14	17 20	0 6	16 43	0 39	27 2	15 43	15 58	15 49	25 37		n.a.
S 18	21 14	5n42	2 1	24 44	0 38	8 21	0 44	24 18	1 9	25 4	1 54	25 4	2 15	17 20	0 6	16 43	0 39	27 3	15 43	15 58	15 48	25 39		n.a.
M19	21 2	11 53	0 52	24 55	0 49	7 51	0 48	24 12	1 9	25 5	1 54	25 4	2 15	17 20	0 6	16 43	0 39	27 3	15 43	15 58	15 47	25 40		n.a.
T 20	20 50	17 36	0n22	25 4	0 59	7 21	0 52	24 6	1 8	25 6	1 54	25 5	2 15	17 20	0 7	16 43	0 39	27 4	15 43	15 58	15 46	25 42		n.a.
W21	20 37	22 29	1 37	25 12	1 9	6 51	0 56	24 0	1 8	25 6	1 54	25 6	2 15	17 20	0 7	16 43	0 39	27 5	15 44	15 57	15 45	25 44		n.a.
T 22	20 24	26 2	2 46	25 20	1 18	6 21	1 0	23 54	1 8	25 7	1 54	25 6	2 15	17 19	0 7	16 43	0 39	27 5	15 44	15 57	15 44	25 45		n.a.
F 23	20 11	27 51	3 44	25 26	1 26	5 51	1 3	23 48	1 8	25 8	1 53	25 7	2 15	17 19	0 7	16 43	0 39	27 6	15 44	15 55	15 43	25 47		n.a.
S 24	19 57	27 41	4 28	25 31	1 34	5 20	1 7	23 41	1 8	25 9	1 53	25 7	2 15	17 19	0 7	16 43	0 39	27 7	15 44	15 52	15 42	25 49		n.a.
S 25	19 43	25 32	4 54	25 35	1 42	4 50	1 11	23 34	1 8	25 10	1 53	25 8	2 15	17 19	0 7	16 43	0 39	27 8	15 44	15 49	15 41	25 50		n.a.
M26	19 29	21 43	5 0	25 38	1 48	4 19	1 15	23 27	1 8	25 10	1 53	25 9	2 15	17 19	0 7	16 43	0 39	27 8	15 44	15 45	15 40	25 52		n.a.
T 27	19 14	16 41	4 47	25 39	1 55	3 49	1 19	23 19	1 8	25 11	1 53	25 9	2 15	17 20	0 7	16 43	0 39	27 9	15 45	15 42	15 39	25 53		n.a.
W28	18s59	10n55	4n17	25s39	2s 0	3s18	1n23	23s12	1s 8	25n12	1n53	25n10	2n15	17n20	0n 7	16n43	0s39	27n10	15n45	15n39	15n38	25s55		n.a.

Julian Day Number = 196170.5, Delta T = 32h18m49s
Ecliptic obliquity = 24°07'00, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'34, Lahiri = -61°19'33 Julian Calendar 1 Feb. 4176 BCE == Greg. Calendar 30 Dec. 4177 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

MARCH 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 3	8♒11'04	26♍ 9	12♉ 5	19♓52	23♉48	14°R14	17°R25	16♉26	16♉49	27°R54	11°R11	11♉14	14♐13	n.a.	T 1
F 2	8 30 0	9° 8'48	9♎ 9	13°20	20°59	24°32	14♋ 8	17♋21	16°27	16°49	27♌53	11♉ 6	11°11	14°20	n.a.	F 2
S 3	8 33 57	10° 6'30	21°45	14°38	22° 6	25°16	14° 2	17°17	16°27	16°49	27°51	11° 3	11° 7	14°27	n.a.	S 3
S 4	8 37 53	11° 4'11	4♏ 2	15°58	23°13	25°59	13°55	17°13	16°27	16°49	27°50	11° 3	11° 4	14°33	n.a.	S 4
M 5	8 41 50	12° 1'50	16° 4	17°20	24°19	26°43	13°49	17° 9	16°28	16°49	27°48	11° 3	11° 1	14°40	n.a.	M 5
T 6	8 45 46	12°59'29	27°56	18°44	25°25	27°27	13°43	17° 5	16°28	16°49	27°46	11° 2	10°58	14°47	n.a.	T 6
W 7	8 49 43	13°57'06	9♐44	20°11	26°31	28°10	13°38	17° 1	16°29	16°50	27°45	11° 0	10°55	14°53	n.a.	W 7
T 8	8 53 39	14°54'42	21°33	21°39	27°37	28°54	13°32	16°57	16°30	16°50	27°43	10°56	10°52	15° 0	n.a.	T 8
F 9	8 57 36	15°52'16	3♉28	23°10	28°43	29°37	13°26	16°54	16°30	16°50	27°42	10°49	10°48	15° 7	n.a.	F 9
S 10	9 1 32	16°49'49	15°32	24°43	29°49	0♒20	13°21	16°50	16°31	16°51	27°40	10°40	10°45	15°13	n.a.	S 10
S 11	9 5 29	17°47'21	27°47	26°18	0♈54	1° 4	13°16	16°47	16°32	16°51	27°38	10°28	10°42	15°20	n.a.	S 11
M12	9 9 25	18°44'51	10♒15	27°56	1°59	1°47	13°10	16°43	16°32	16°51	27°37	10°15	10°39	15°27	n.a.	M12
T 13	9 13 22	19°42'20	22°56	29°35	3° 4	2°30	13° 5	16°40	16°33	16°52	27°35	10° 2	10°36	15°33	n.a.	T 13
W14	9 17 18	20°39'48	5♓50	1♒16	4° 9	3°13	13° 1	16°36	16°34	16°52	27°33	9°50	10°32	15°40	n.a.	W14
T 15	9 21 15	21°37'14	18°57	3° 0	5°13	3°57	12°56	16°33	16°35	16°53	27°32	9°41	10°29	15°47	n.a.	T 15
F 16	9 25 12	22°34'39	2♈15	4°45	6°17	4°40	12°51	16°30	16°36	16°53	27°30	9°33	10°26	15°53	n.a.	F 16
S 17	9 29 8	23°32'02	15°44	6°33	7°21	5°23	12°47	16°27	16°37	16°54	27°28	9°29	10°23	16° 0	n.a.	S 17
S 18	9 33 5	24°29'24	29°23	8°22	8°25	6° 6	12°43	16°24	16°38	16°54	27°27	9°27	10°20	16° 7	n.a.	S 18
M19	9 37 1	25°26'44	13♉13	10°14	9°29	6°48	12°39	16°21	16°40	16°55	27°25	9°D27	10°17	16°13	n.a.	M19
T 20	9 40 58	26°24'03	27°12	12° 8	10°32	7°31	12°35	16°18	16°41	16°55	27°23	9°R27	10°13	16°20	n.a.	T 20
W21	9 44 54	27°21'20	11♊22	14° 4	11°35	8°14	12°31	16°15	16°42	16°56	27°22	9°27	10°10	16°27	n.a.	W21
T 22	9 48 51	28°18'36	25°40	16° 1	12°37	8°57	12°27	16°12	16°43	16°57	27°20	9°24	10° 7	16°33	n.a.	T 22
F 23	9 52 47	29°15'51	10♋ 5	18° 1	13°40	9°39	12°24	16° 9	16°45	16°58	27°18	9°19	10° 4	16°40	n.a.	F 23
S 24	9 56 44	0♓13'04	24°32	20° 3	14°42	10°22	12°21	16° 7	16°46	16°58	27°17	9°12	10° 1	16°47	n.a.	S 24
S 25	10 0 41	1°10'16	8♌55	22° 6	15°44	11° 5	12°18	16° 4	16°48	16°59	27°15	9° 3	9°58	16°53	n.a.	S 25
M26	10 4 37	2° 7'27	23°10	24°11	16°45	11°47	12°15	16° 2	16°49	17° 0	27°13	8°52	9°54	17° 0	n.a.	M26
T 27	10 8 34	3° 4'37	7♍10	26°17	17°46	12°30	12°12	15°59	16°51	17° 1	27°12	8°42	9°51	17° 7	n.a.	T 27
W28	10 12 30	4° 1'46	20°51	28°25	18°47	13°12	12°10	15°57	16°52	17° 2	27°10	8°34	9°48	17°13	n.a.	W28
T 29	10 16 27	4°58'53	4♎10	0♓34	19°47	13°54	12° 7	15°55	16°54	17° 3	27° 8	8°27	9°45	17°20	n.a.	T 29
F 30	10 20 23	5°56'01	17° 6	2°44	20°48	14°36	12° 5	15°53	16°56	17° 4	27° 7	8°23	9°42	17°27	n.a.	F 30
S 31	10 24 20	6♓53'07	29♎41	4♓54	21♈47	15♒19	12♋ 3	15♋51	16♉58	17♉ 5	27♌ 5	8♉20	9♉38	17♐34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	18s44	4n49	3n34	25s38	2s 5	2s48	1n27	23s 4	1s 8	25n12	1n53	25n10	2n15	17n20	0n 7	16n43	0s39	27n10	15n45	15n36	15n37	25s56			n.a.
F 2	18 28	1s17	2 40	25 35	2 10	2 17	1 31	22 56	1 8	25 13	1 53	25 11	2 14	17 20	0 7	16 43	0 39	27 11	15 45	15 35	15 36	25 58			n.a.
S 3	18 12	7 10	1 40	25 30	2 14	1 47	1 35	22 48	1 8	25 13	1 53	25 11	2 14	17 20	0 7	16 43	0 38	27 12	15 45	15 34	15 35	26 0			n.a.
S 4	17 56	12 38	0 37	25 24	2 17	1 16	1 39	22 39	1 8	25 14	1 53	25 12	2 14	17 20	0 7	16 43	0 38	27 12	15 45	15 34	15 34	26 1			n.a.
M 5	17 40	17 32	0s27	25 16	2 20	0 46	1 42	22 31	1 8	25 14	1 53	25 12	2 14	17 20	0 7	16 43	0 38	27 13	15 45	15 34	15 33	26 3			n.a.
T 6	17 23	21 41	1 28	25 6	2 22	0 15	1 46	22 22	1 7	25 15	1 52	25 13	2 14	17 20	0 7	16 43	0 38	27 14	15 45	15 34	15 32	26 4			n.a.
W 7	17 6	24 56	2 26	24 55	2 23	0n15	1 50	22 13	1 7	25 15	1 52	25 13	2 14	17 20	0 7	16 44	0 38	27 14	15 46	15 33	15 31	26 6			n.a.
T 8	16 49	27 7	3 17	24 42	2 24	0 46	1 54	22 3	1 7	25 16	1 52	25 13	2 14	17 21	0 7	16 44	0 38	27 15	15 46	15 32	15 30	26 7			n.a.
F 9	16 32	28 4	4 0	24 26	2 25	1 16	1 58	21 54	1 7	25 16	1 52	25 14	2 14	17 21	0 7	16 44	0 38	27 16	15 46	15 29	15 29	26 9			n.a.
S 10	16 14	27 41	4 32	24 9	2 24	1 46	2 1	21 44	1 7	25 17	1 52	25 14	2 14	17 21	0 7	16 44	0 38	27 16	15 46	15 26	15 28	26 10			n.a.
S 11	15 56	25 58	4 53	23 50	2 24	2 16	2 5	21 34	1 7	25 17	1 52	25 15	2 14	17 21	0 7	16 44	0 38	27 17	15 46	15 23	15 27	26 12			n.a.
M12	15 38	22 58	5 0	23 29	2 22	2 46	2 9	21 24	1 7	25 18	1 52	25 15	2 14	17 21	0 7	16 44	0 38	27 18	15 46	15 19	15 26	26 13			n.a.
T 13	15 19	18 51	4 53	23 6	2 20	3 16	2 13	21 14	1 6	25 18	1 51	25 16	2 14	17 22	0 7	16 44	0 38	27 18	15 46	15 14	15 25	26 15			n.a.
W14	15 1	13 48	4 30	22 40	2 17	3 46	2 16	21 4	1 6	25 18	1 51	25 16	2 14	17 22	0 7	16 44	0 38	27 19	15 46	15 11	15 24	26 16			n.a.
T 15	14 42	8 3	3 53	22 13	2 14	4 15	2 20	20 53	1 6	25 19	1 51	25 16	2 14	17 22	0 7	16 45	0 38	27 20	15 46	15 7	15 23	26 18			n.a.
F 16	14 23	1 52	3 3	21 43	2 10	4 45	2 23	20 42	1 6	25 19	1 51	25 17	2 14	17 23	0 7	16 45	0 38	27 20	15 46	15 5	15 22	26 19			n.a.
S 17	14 3	4n30	2 2	21 11	2 6	5 14	2 27	20 31	1 6	25 19	1 51	25 17	2 14	17 23	0 7	16 45	0 38	27 21	15 46	15 4	15 21	26 20			n.a.
S 18	13 44	10 45	0 53	20 37	2 1	5 43	2 30	20 20	1 6	25 19	1 50	25 17	2 14	17 23	0 7	16 45	0 38	27 22	15 46	15 3	15 20	26 22			n.a.
M19	13 24	16 34	0n20	20 1	1 55	6 12	2 34	20 9	1 5	25 19	1 50	25 17	2 13	17 24	0 7	16 45	0 38	27 22	15 46	15 3	15 19	26 23			n.a.
T 20	13 4	21 35	1 33	19 23	1 49	6 40	2 37	19 57	1 5	25 20	1 50	25 18	2 13	17 24	0 7	16 46	0 38	27 23	15 46	15 3	15 18	26 25			n.a.
W21	12 44	25 26	2 41	18 42	1 42	7 9	2 40	19 46	1 5	25 20	1 50	25 18	2 13	17 24	0 7	16 46	0 38	27 23	15 46	15 3	15 17	26 26			n.a.
T 22	12 24	27 42	3 39	18 0	1 35	7 37	2 43	19 34	1 5	25 20	1 50	25 18	2 13	17 25	0 7	16 46	0 38	27 24	15 46	15 2	15 16	26 28			n.a.
F 23	12 3	28 7	4 24	17 15	1 28	8 5	2 46	19 22	1 5	25 20	1 49	25 19	2 13	17 25	0 7	16 46	0 38	27 24	15 46	15 0	15 15	26 29			n.a.
S 24	11 42	26 37	4 53	16 28	1 19	8 32	2 50	19 10	1 4	25 20	1 49	25 19	2 13	17 26	0 7	16 47	0 38	27 25	15 45	14 58	15 14	26 30			n.a.
S 25	11 22	23 23	5 2	15 39	1 11	9 0	2 53	18 58	1 4	25 20	1 49	25 19	2 13	17 26	0 7	16 47	0 38	27 25	15 45	14 55	15 13	26 32			n.a.
M26	11 1	18 46	4 53	14 48	1 2	9 27	2 55	18 46	1 4	25 20	1 49	25 19	2 13	17 26	0 7	16 47	0 38	27 26	15 45	14 52	15 12	26 33			n.a.
T 27	10 40	13 13	4 26	13 55	0 52	9 54	2 58	18 33	1 4	25 20	1 49	25 19	2 13	17 27	0 7	16 47	0 38	27 27	15 45	14 48	15 11	26 35			n.a.
W28	10 18	7 9	3 45	13 1	0 43	10 20	3 1	18 20	1 3	25 20	1 48	25 20	2 13	17 27	0 7	16 48	0 38	27 27	15 45	14 45	15 10	26 36			n.a.
T 29	9 57	0 55	2 52	12 5	0 33	10 46	3 4	18 8	1 3	25 20	1 48	25 20	2 12	17 28	0 7	16 48	0 38	27 28	15 45	14 43	15 9	26 37			n.a.
F 30	9 35	5s12	1 51	11 8	0 22	11 12	3 6	17 55	1 3	25 20	1 48	25 20	2 12	17 28	0 7	16 48	0 38	27 28	15 45	14 42	15 8	26 39			n.a.
S 31	9s14	10s57	0n46	10s10	0s12	11n38	3n 9	17s42	1s 3	25n20	1n48	25n20	2n12	17n29	0n 7	16n49	0s38	27n29	15n45	14n41	15n 7	26s40			n.a.

Julian Day Number = 196198.5, Delta T = 32h18m46s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'30, Lahiri = -61°19'30 Julian Calendar 1 March 4176 BCE == Greg. Calendar 27 Jan. 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

APRIL 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 28 16	7♓50'13	11♏58	7♓ 6	22♈47	16♒ 1	12°R 1	15°R49	16♉59	17♉ 6	27°R 3	8°D20	9♉35	17♐40	n.a.	S 1
M 2	10 32 13	8°47'19	24° 1	9°17	23°46	16°43	12♋ 0	15♋47	17° 1	17° 7	27♌ 2	8♉21	9°32	17°47	n.a.	M 2
T 3	10 36 10	9°44'24	5♐55	11°28	24°44	17°25	11°58	15°45	17° 3	17° 8	27° 0	8°R21	9°29	17°54	n.a.	T 3
W 4	10 40 6	10°41'29	17°45	13°39	25°43	18° 7	11°57	15°43	17° 5	17° 9	26°59	8°21	9°26	18° 0	n.a.	W 4
T 5	10 44 3	11°38'33	29°37	15°50	26°40	18°49	11°56	15°42	17° 7	17°10	26°57	8°19	9°23	18° 7	n.a.	T 5
F 6	10 47 59	12°35'37	11♑35	17°59	27°38	19°31	11°55	15°40	17° 9	17°11	26°55	8°16	9°19	18°14	n.a.	F 6
S 7	10 51 56	13°32'41	23°43	20° 8	28°35	20°13	11°54	15°39	17°11	17°12	26°54	8°10	9°16	18°20	n.a.	S 7
S 8	10 55 52	14°29'44	6♒ 6	22°15	29°31	20°55	11°53	15°38	17°13	17°13	26°52	8° 2	9°13	18°27	n.a.	S 8
M 9	10 59 49	15°26'47	18°44	24°21	0♉28	21°36	11°53	15°36	17°15	17°15	26°51	7°53	9°10	18°34	n.a.	M 9
T 10	11 3 46	16°23'49	1♓40	26°25	1°23	22°18	11°53	15°35	17°18	17°16	26°49	7°44	9° 7	18°40	n.a.	T 10
W11	11 7 42	17°20'51	14°53	28°27	2°18	23° 0	11°D53	15°34	17°20	17°17	26°48	7°36	9° 3	18°47	n.a.	W11
T 12	11 11 39	18°17'53	28°22	0♈28	3°13	23°41	11°53	15°33	17°22	17°18	26°46	7°29	9° 0	18°54	n.a.	T 12
F 13	11 15 35	19°14'54	12♈ 4	2°26	4° 7	24°23	11°53	15°32	17°24	17°20	26°45	7°25	8°57	19° 0	n.a.	F 13
S 14	11 19 32	20°11'54	25°56	4°22	5° 0	25° 4	11°54	15°32	17°27	17°21	26°43	7°22	8°54	19° 7	n.a.	S 14
S 15	11 23 28	21° 8'55	9♉56	6°16	5°53	25°46	11°54	15°31	17°29	17°22	26°42	7°D22	8°51	19°14	n.a.	S 15
M16	11 27 25	22° 5'54	24° 2	8° 8	6°46	26°27	11°55	15°30	17°32	17°24	26°40	7°22	8°48	19°20	n.a.	M16
T 17	11 31 21	23° 2'54	8♊11	9°58	7°38	27° 8	11°56	15°30	17°34	17°25	26°39	7°24	8°44	19°27	n.a.	T 17
W18	11 35 18	23°59'53	22°22	11°46	8°29	27°49	11°58	15°30	17°37	17°27	26°37	7°R24	8°41	19°34	n.a.	W18
T 19	11 39 15	24°56'51	6♋33	13°31	9°19	28°31	11°59	15°29	17°39	17°28	26°36	7°24	8°38	19°40	n.a.	T 19
F 20	11 43 11	25°53'49	20°42	15°14	10° 9	29°12	12° 1	15°29	17°42	17°30	26°34	7°21	8°35	19°47	n.a.	F 20
S 21	11 47 8	26°50'46	4♌47	16°54	10°58	29°53	12° 2	15°D29	17°44	17°31	26°33	7°17	8°32	19°54	n.a.	S 21
S 22	11 51 4	27°47'43	18°45	18°32	11°46	0♓34	12° 4	15°29	17°47	17°33	26°32	7°12	8°29	20° 0	n.a.	S 22
M23	11 55 1	28°44'40	2♍33	20° 8	12°34	1°15	12° 6	15°29	17°50	17°35	26°30	7° 6	8°25	20° 7	n.a.	M23
T 24	11 58 57	29°41'37	16° 8	21°42	13°21	1°56	12° 9	15°29	17°53	17°36	26°29	7° 0	8°22	20°14	n.a.	T 24
W25	12 2 54	0♈38'34	29°27	23°13	14° 7	2°37	12°11	15°30	17°55	17°38	26°28	6°55	8°19	20°20	n.a.	W25
T 26	12 6 51	1°35'30	12♎29	24°42	14°52	3°17	12°14	15°30	17°58	17°39	26°26	6°51	8°16	20°27	n.a.	T 26
F 27	12 10 47	2°32'27	25°13	26° 9	15°36	3°58	12°17	15°30	18° 1	17°41	26°25	6°49	8°13	20°34	n.a.	F 27
S 28	12 14 44	3°29'24	7♏41	27°33	16°19	4°39	12°20	15°31	18° 4	17°43	26°24	6°D49	8° 9	20°41	n.a.	S 28
S 29	12 18 40	4°26'22	19°54	28°54	17° 2	5°19	12°23	15°32	18° 7	17°44	26°23	6°49	8° 6	20°47	n.a.	S 29
M30	12 22 37	5♈23'20	1♐56	0♉14	17♉43	6♓ 0	12♋26	15♋32	18♉10	17♉46	26♌21	6♉51	8♉ 3	20♐54	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s52	16s10	0s19	9s10	0s 2	12n 3	3n11	17s29	1s 2	25n20	1n47	25n20	2n12	17n29	0n 7	16n49	0s37	27n29	15n45	14n41	15n 6	26s41		n.a.
M 2	8 30	20 39	1 23	8 10	0n 9	12 27	3 13	17 15	1 2	25 20	1 47	25 20	2 12	17 30	0 7	16 49	0 37	27 29	15 44	14 41	15 5	26 43		n.a.
T 3	8 8	24 14	2 22	7 10	0 19	12 52	3 16	17 2	1 2	25 20	1 47	25 20	2 12	17 31	0 7	16 50	0 37	27 30	15 44	14 41	15 4	26 44		n.a.
W 4	7 46	26 46	3 15	6 9	0 29	13 16	3 18	16 48	1 2	25 20	1 47	25 20	2 12	17 31	0 7	16 50	0 37	27 30	15 44	14 41	15 2	26 45		n.a.
T 5	7 24	28 6	3 59	5 8	0 40	13 39	3 20	16 35	1 1	25 20	1 46	25 20	2 12	17 32	0 7	16 50	0 37	27 31	15 44	14 41	15 1	26 47		n.a.
F 6	7 1	28 8	4 34	4 8	0 49	14 3	3 22	16 21	1 1	25 20	1 46	25 20	2 11	17 32	0 7	16 51	0 37	27 31	15 44	14 39	15 0	26 48		n.a.
S 7	6 39	26 49	4 56	3 7	0 59	14 25	3 23	16 7	1 1	25 19	1 46	25 21	2 11	17 33	0 7	16 51	0 37	27 32	15 43	14 37	14 59	26 49		n.a.
S 8	6 16	24 12	5 6	2 8	1 8	14 48	3 25	15 53	1 1	25 19	1 46	25 21	2 11	17 34	0 7	16 51	0 37	27 32	15 43	14 35	14 58	26 51		n.a.
M 9	5 54	20 22	5 0	1 9	1 16	15 10	3 26	15 39	1 0	25 19	1 45	25 21	2 11	17 34	0 7	16 52	0 37	27 32	15 43	14 32	14 57	26 52		n.a.
T 10	5 31	15 31	4 40	0 11	1 24	15 31	3 28	15 25	1 0	25 19	1 45	25 21	2 11	17 35	0 7	16 52	0 37	27 33	15 43	14 29	14 56	26 53		n.a.
W11	5 8	9 51	4 4	0n46	1 32	15 52	3 29	15 10	1 0	25 18	1 45	25 21	2 11	17 36	0 7	16 53	0 37	27 33	15 42	14 26	14 55	26 55		n.a.
T 12	4 45	3 37	3 14	1 42	1 39	16 13	3 30	14 56	0 59	25 18	1 45	25 21	2 11	17 36	0 7	16 53	0 37	27 33	15 42	14 24	14 54	26 56		n.a.
F 13	4 22	2n53	2 12	2 36	1 46	16 33	3 31	14 42	0 59	25 18	1 44	25 20	2 10	17 37	0 7	16 53	0 37	27 34	15 42	14 22	14 53	26 57		n.a.
S 14	3 59	9 21	1 1	3 29	1 51	16 52	3 32	14 27	0 59	25 18	1 44	25 20	2 10	17 38	0 7	16 54	0 37	27 34	15 42	14 22	14 52	26 58		n.a.
S 15	3 36	15 26	0n14	4 20	1 57	17 11	3 33	14 12	0 58	25 17	1 44	25 20	2 10	17 38	0 7	16 54	0 37	27 34	15 41	14 21	14 51	27 0		n.a.
M16	3 13	20 45	1 29	5 10	2 1	17 30	3 33	13 57	0 58	25 17	1 43	25 20	2 10	17 39	0 7	16 55	0 37	27 35	15 41	14 22	14 50	27 1		n.a.
T 17	2 50	24 54	2 39	5 58	2 5	17 48	3 34	13 43	0 58	25 17	1 43	25 20	2 10	17 40	0 7	16 55	0 37	27 35	15 41	14 22	14 49	27 2		n.a.
W18	2 27	27 32	3 39	6 44	2 9	18 5	3 34	13 28	0 57	25 16	1 43	25 20	2 10	17 40	0 7	16 56	0 37	27 35	15 41	14 22	14 48	27 3		n.a.
T 19	2 4	28 23	4 26	7 29	2 11	18 22	3 34	13 13	0 57	25 16	1 43	25 20	2 10	17 41	0 7	16 56	0 37	27 35	15 40	14 22	14 47	27 4		n.a.
F 20	1 40	27 21	4 57	8 12	2 13	18 38	3 34	12 58	0 57	25 15	1 42	25 20	2 9	17 42	0 7	16 57	0 37	27 36	15 40	14 21	14 46	27 6		n.a.
S 21	1 17	24 36	5 9	8 53	2 15	18 54	3 33	12 42	0 56	25 15	1 42	25 20	2 9	17 43	0 7	16 57	0 37	27 36	15 40	14 20	14 45	27 7		n.a.
S 22	0 54	20 25	5 3	9 33	2 15	19 9	3 33	12 27	0 56	25 15	1 42	25 20	2 9	17 43	0 7	16 58	0 37	27 36	15 39	14 18	14 44	27 8		n.a.
M23	0 31	15 11	4 40	10 10	2 16	19 24	3 32	12 12	0 56	25 14	1 42	25 19	2 9	17 44	0 7	16 58	0 37	27 36	15 39	14 16	14 43	27 9		n.a.
T 24	0 7	9 18	4 1	10 46	2 15	19 38	3 31	11 57	0 55	25 14	1 41	25 19	2 9	17 45	0 7	16 59	0 37	27 36	15 39	14 14	14 42	27 10		n.a.
W25	0n16	3 6	3 9	11 20	2 14	19 51	3 30	11 41	0 55	25 13	1 41	25 19	2 9	17 46	0 7	16 59	0 37	27 36	15 38	14 13	14 41	27 12		n.a.
T 26	0 39	3s 6	2 9	11 52	2 12	20 4	3 29	11 26	0 55	25 13	1 41	25 19	2 8	17 47	0 7	17 0	0 37	27 37	15 38	14 11	14 39	27 13		n.a.
F 27	1 2	9 3	1 3	12 23	2 10	20 16	3 27	11 10	0 54	25 12	1 41	25 19	2 8	17 47	0 7	17 0	0 37	27 37	15 37	14 11	14 38	27 14		n.a.
S 28	1 26	14 32	0s 5	12 51	2 6	20 27	3 25	10 55	0 54	25 12	1 40	25 18	2 8	17 48	0 7	17 1	0 37	27 37	15 37	14 10	14 37	27 15		n.a.
S 29	1 49	19 21	1 11	13 18	2 3	20 38	3 23	10 39	0 53	25 11	1 40	25 18	2 8	17 49	0 7	17 1	0 37	27 37	15 37	14 11	14 36	27 16		n.a.
M30	2n12	23s18	2s13	13n43	1n58	20n48	3n21	10s23	0s53	25n10	1n40	25n18	2n 8	17n50	0n 7	17n 2	0s37	27n37	15n36	14n11	14n35	27s17		n.a.

Julian Day Number = 196229.5, Delta T = 32h18m43s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'26, Lahiri = -61°19'26 Julian Calendar 1 Apr. 4176 BCE == Greg. Calendar 27 Feb. 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

MAY 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 26 34	6♈20'18	13♐50	1♉30	18♉23	6♓40	12♋30	15♋33	18♉13	17♉48	26°R20	6♉53	8♉ 0	21♐ 1	n.a.	T 1
W 2	12 30 30	7°17'18	25°41	2°44	19° 3	7°21	12°33	15°34	18°16	17°50	26♌19	6°54	7°57	21° 7	n.a.	W 2
T 3	12 34 27	8°14'17	7♑33	3°56	19°41	8° 1	12°37	15°35	18°19	17°52	26°18	6°R55	7°54	21°14	n.a.	T 3
F 4	12 38 23	9°11'18	19°32	5° 4	20°18	8°42	12°41	15°36	18°22	17°53	26°17	6°54	7°50	21°21	n.a.	F 4
S 5	12 42 20	10° 8'19	1♒42	6°10	20°54	9°22	12°45	15°38	18°25	17°55	26°16	6°52	7°47	21°27	n.a.	S 5
S 6	12 46 16	11° 5'20	14° 8	7°13	21°29	10° 2	12°49	15°39	18°28	17°57	26°15	6°50	7°44	21°34	n.a.	S 6
M 7	12 50 13	12° 2'22	26°52	8°13	22° 2	10°43	12°54	15°40	18°31	17°59	26°14	6°46	7°41	21°41	n.a.	M 7
T 8	12 54 10	12°59'25	9♓57	9°10	22°34	11°23	12°59	15°42	18°34	18° 1	26°13	6°43	7°38	21°47	n.a.	T 8
W 9	12 58 6	13°56'29	23°23	10° 4	23° 5	12° 3	13° 3	15°44	18°37	18° 3	26°12	6°39	7°35	21°54	n.a.	W 9
T 10	13 2 3	14°53'33	7♈ 9	10°55	23°34	12°43	13° 8	15°45	18°41	18° 5	26°11	6°37	7°31	22° 1	n.a.	T 10
F 11	13 5 59	15°50'38	21°13	11°42	24° 2	13°23	13°13	15°47	18°44	18° 7	26°10	6°35	7°28	22° 7	n.a.	F 11
S 12	13 9 56	16°47'44	5♉31	12°25	24°28	14° 3	13°19	15°49	18°47	18° 8	26° 9	6°D35	7°25	22°14	n.a.	S 12
S 13	13 13 52	17°44'50	19°57	13° 5	24°53	14°43	13°24	15°51	18°51	18°10	26° 8	6°35	7°22	22°21	n.a.	S 13
M14	13 17 49	18°41'57	4♊26	13°41	25°16	15°22	13°29	15°53	18°54	18°12	26° 7	6°36	7°19	22°27	n.a.	M14
T 15	13 21 46	19°39'05	18°55	14°13	25°37	16° 2	13°35	15°55	18°57	18°14	26° 6	6°37	7°15	22°34	n.a.	T 15
W16	13 25 42	20°36'13	3♋18	14°41	25°56	16°42	13°41	15°57	19° 1	18°16	26° 6	6°38	7°12	22°41	n.a.	W16
T 17	13 29 39	21°33'21	17°32	15° 4	26°14	17°22	13°47	16° 0	19° 4	18°18	26° 5	6°R39	7° 9	22°48	n.a.	T 17
F 18	13 33 35	22°30'30	1♌35	15°23	26°30	18° 1	13°53	16° 2	19° 7	18°21	26° 4	6°38	7° 6	22°54	n.a.	F 18
S 19	13 37 32	23°27'40	15°26	15°38	26°44	18°41	13°59	16° 5	19°11	18°23	26° 4	6°38	7° 3	23° 1	n.a.	S 19
S 20	13 41 29	24°24'50	29° 4	15°47	26°56	19°20	14° 6	16° 7	19°14	18°25	26° 3	6°36	7° 0	23° 8	n.a.	S 20
M21	13 45 25	25°22'01	12♍28	15°R52	27° 5	20° 0	14°12	16°10	19°18	18°27	26° 2	6°35	6°56	23°14	n.a.	M21
T 22	13 49 22	26°19'12	25°38	15°52	27°13	20°39	14°19	16°13	19°21	18°29	26° 2	6°34	6°53	23°21	n.a.	T 22
W23	13 53 18	27°16'25	8♎33	15°47	27°18	21°18	14°26	16°16	19°25	18°31	26° 1	6°33	6°50	23°28	n.a.	W23
T 24	13 57 15	28°13'38	21°15	15°36	27°22	21°58	14°33	16°19	19°28	18°33	26° 1	6°32	6°47	23°34	n.a.	T 24
F 25	14 1 11	29°10'52	3♏44	15°21	27°R22	22°37	14°40	16°22	19°32	18°35	26° 0	6°D32	6°44	23°41	n.a.	F 25
S 26	14 5 8	0♉ 8'08	16° 0	15° 1	27°21	23°16	14°47	16°25	19°35	18°37	26° 0	6°32	6°40	23°48	n.a.	S 26
S 27	14 9 5	1° 5'25	28° 6	14°36	27°17	23°55	14°54	16°28	19°39	18°39	25°59	6°32	6°37	23°54	n.a.	S 27
M28	14 13 1	2° 2'43	10♐ 4	14° 7	27°11	24°34	15° 2	16°31	19°43	18°42	25°59	6°32	6°34	24° 1	n.a.	M28
T 29	14 16 58	3° 0'03	21°57	13°33	27° 3	25°13	15°10	16°35	19°46	18°44	25°58	6°33	6°31	24° 8	n.a.	T 29
W30	14 20 54	3°57'24	3♑47	12°56	26°52	25°52	15°17	16°38	19°50	18°46	25°58	6°33	6°28	24°14	n.a.	W30
T 31	14 24 51	4♉54'47	15♑39	12♉15	26♉39	26♓31	15♋25	16♋42	19♉53	18♉48	25♌58	6♉33	6♉25	24♐21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n35	26s14	3s 9	14n 6	1n54	20n58	3n19	10s 7	0s53	25n10	1n40	25n18	2n 8	17n51	0n 7	17n 2	0s37	27n37	15n36	14n12	14n34	27s19		n.a.
W 2	2 58	27 59	3 56	14 27	1 48	21 6	3 16	9 52	0 52	25 9	1 39	25 17	2 8	17 52	0 7	17 3	0 37	27 37	15 35	14 12	14 33	27 20		n.a.
T 3	3 21	28 27	4 34	14 46	1 42	21 14	3 13	9 36	0 52	25 9	1 39	25 17	2 7	17 53	0 7	17 3	0 37	27 37	15 35	14 12	14 32	27 21		n.a.
F 4	3 44	27 35	4 59	15 4	1 35	21 22	3 10	9 20	0 51	25 8	1 39	25 17	2 7	17 53	0 7	17 4	0 37	27 37	15 35	14 12	14 31	27 22		n.a.
S 5	4 7	25 24	5 12	15 20	1 28	21 28	3 6	9 4	0 51	25 7	1 39	25 16	2 7	17 54	0 7	17 4	0 36	27 37	15 34	14 12	14 30	27 23		n.a.
S 6	4 30	22 0	5 11	15 34	1 20	21 34	3 2	8 48	0 51	25 7	1 38	25 16	2 7	17 55	0 7	17 5	0 36	27 37	15 34	14 11	14 29	27 24		n.a.
M 7	4 53	17 30	4 55	15 46	1 11	21 39	2 58	8 32	0 50	25 6	1 38	25 16	2 7	17 56	0 7	17 5	0 36	27 37	15 33	14 10	14 28	27 25		n.a.
T 8	5 16	12 5	4 23	15 56	1 2	21 44	2 54	8 16	0 50	25 5	1 38	25 15	2 7	17 57	0 7	17 6	0 36	27 37	15 33	14 8	14 27	27 26		n.a.
W 9	5 39	5 59	3 36	16 5	0 53	21 47	2 49	8 0	0 49	25 4	1 38	25 15	2 6	17 58	0 7	17 7	0 36	27 37	15 32	14 7	14 26	27 27		n.a.
T 10	6 2	0n33	2 35	16 12	0 43	21 50	2 44	7 43	0 49	25 4	1 37	25 15	2 6	17 59	0 7	17 7	0 36	27 37	15 32	14 6	14 25	27 28		n.a.
F 11	6 24	7 13	1 24	16 17	0 32	21 52	2 39	7 27	0 49	25 3	1 37	25 14	2 6	18 0	0 7	17 8	0 36	27 37	15 31	14 6	14 24	27 29		n.a.
S 12	6 47	13 38	0 6	16 20	0 21	21 53	2 33	7 11	0 48	25 2	1 37	25 14	2 6	18 1	0 7	17 8	0 36	27 37	15 31	14 6	14 23	27 30		n.a.
S 13	7 9	19 24	1n13	16 21	0 9	21 54	2 27	6 55	0 48	25 1	1 37	25 14	2 6	18 2	0 7	17 9	0 36	27 37	15 31	14 6	14 21	27 31		n.a.
M14	7 32	24 3	2 28	16 21	0s 3	21 54	2 21	6 39	0 47	25 0	1 36	25 13	2 6	18 3	0 7	17 9	0 36	27 36	15 30	14 6	14 20	27 32		n.a.
T 15	7 54	27 10	3 33	16 18	0 16	21 52	2 14	6 22	0 47	25 0	1 36	25 13	2 6	18 4	0 7	17 10	0 36	27 36	15 30	14 6	14 19	27 34		n.a.
W16	8 16	28 28	4 24	16 14	0 29	21 50	2 7	6 6	0 46	24 59	1 36	25 12	2 5	18 5	0 7	17 11	0 36	27 36	15 29	14 7	14 18	27 35		n.a.
T 17	8 38	27 52	4 59	16 9	0 42	21 47	2 0	5 50	0 46	24 58	1 36	25 12	2 5	18 6	0 7	17 11	0 36	27 36	15 29	14 7	14 17	27 36		n.a.
F 18	9 0	25 28	5 15	16 1	0 56	21 44	1 52	5 33	0 45	24 57	1 35	25 11	2 5	18 7	0 7	17 12	0 36	27 36	15 28	14 7	14 16	27 37		n.a.
S 19	9 22	21 37	5 12	15 52	1 10	21 39	1 43	5 17	0 45	24 56	1 35	25 11	2 5	18 7	0 7	17 12	0 36	27 36	15 28	14 7	14 15	27 38		n.a.
S 20	9 43	16 40	4 52	15 41	1 24	21 34	1 35	5 1	0 44	24 55	1 35	25 11	2 5	18 8	0 7	17 13	0 36	27 35	15 27	14 6	14 14	27 39		n.a.
M21	10 5	11 0	4 16	15 29	1 39	21 27	1 26	4 44	0 44	24 54	1 35	25 10	2 5	18 9	0 7	17 14	0 36	27 35	15 27	14 6	14 13	27 39		n.a.
T 22	10 26	4 57	3 27	15 15	1 53	21 20	1 16	4 28	0 43	24 53	1 34	25 10	2 4	18 10	0 7	17 14	0 36	27 35	15 26	14 5	14 12	27 40		n.a.
W23	10 47	1s13	2 29	15 0	2 8	21 12	1 7	4 12	0 43	24 52	1 34	25 9	2 4	18 11	0 7	17 15	0 36	27 35	15 26	14 5	14 11	27 41		n.a.
T 24	11 9	7 14	1 24	14 43	2 22	21 2	0 56	3 55	0 42	24 51	1 34	25 9	2 4	18 12	0 7	17 15	0 36	27 34	15 25	14 5	14 10	27 42		n.a.
F 25	11 29	12 52	0 16	14 25	2 36	20 52	0 46	3 39	0 42	24 50	1 34	25 8	2 4	18 13	0 7	17 16	0 36	27 34	15 24	14 5	14 9	27 43		n.a.
S 26	11 50	17 56	0s52	14 6	2 50	20 41	0 35	3 23	0 42	24 49	1 33	25 7	2 4	18 14	0 7	17 17	0 36	27 34	15 24	14 5	14 8	27 44		n.a.
S 27	12 11	22 12	1 57	13 46	3 3	20 29	0 24	3 6	0 41	24 48	1 33	25 7	2 4	18 15	0 7	17 17	0 36	27 33	15 23	14 5	14 6	27 45		n.a.
M28	12 31	25 29	2 55	13 25	3 16	20 17	0 12	2 50	0 41	24 47	1 33	25 6	2 4	18 16	0 7	17 18	0 36	27 33	15 23	14 5	14 5	27 46		n.a.
T 29	12 51	27 37	3 46	13 3	3 28	20 3	0s 0	2 34	0 40	24 46	1 33	25 6	2 3	18 17	0 7	17 19	0 36	27 33	15 22	14 5	14 4	27 47		n.a.
W30	13 11	28 30	4 27	12 42	3 39	19 48	0 13	2 17	0 39	24 45	1 33	25 5	2 3	18 18	0 7	17 19	0 36	27 32	15 22	14 5	14 3	27 48		n.a.
T 31	13n31	28s 4	4s56	12n20	3s48	19n33	0s26	2s 1	0s39	24n44	1n32	25n 5	2n 3	18n19	0n 7	17n20	0s36	27n32	15n21	14n 5	14n 2	27s49		n.a.

Julian Day Number = 196259.5, Delta T = 32h18m40s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'22, Lahiri = -61°19'22 Julian Calendar 1 May 4176 BCE == Greg. Calendar 29 March 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

JUNE 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 28 47	5♉52'11	27♋38	11°R32	26°R24	27♓10	15♋33	16♋45	19♉57	18♉50	25°R57	6♉34	6♉21	24♐28	n.a.	F 1
S 2	14 32 44	6°49'36	9♒46	10♉47	26♉ 6	27°49	15°41	16°49	20° 1	18°52	25♎57	6°34	6°18	24°35	n.a.	S 2
S 3	14 36 41	7°47'04	22°10	10° 0	25°46	28°27	15°49	16°53	20° 4	18°55	25°57	6°34	6°15	24°41	n.a.	S 3
M 4	14 40 37	8°44'33	4♓53	9°14	25°24	29° 6	15°58	16°57	20° 8	18°57	25°57	6°34	6°12	24°48	n.a.	M 4
T 5	14 44 34	9°42'03	17°59	8°28	25° 0	29°45	16° 6	17° 1	20°12	18°59	25°57	6°34	6° 9	24°55	n.a.	T 5
W 6	14 48 30	10°39'35	1♈29	7°43	24°34	0♈23	16°15	17° 5	20°15	19° 1	25°56	6°34	6° 6	25° 1	n.a.	W 6
T 7	14 52 27	11°37'09	15°23	7° 0	24° 6	1° 2	16°24	17° 9	20°19	19° 3	25°56	6°35	6° 2	25° 8	n.a.	T 7
F 8	14 56 23	12°34'45	29°41	6°21	23°36	1°40	16°32	17°13	20°23	19° 6	25°56	6°R35	5°59	25°15	n.a.	F 8
S 9	15 0 20	13°32'22	14♉18	5°45	23° 5	2°18	16°41	17°17	20°26	19° 8	25°D56	6°35	5°56	25°21	n.a.	S 9
S 10	15 4 17	14°30'01	29° 8	5°14	22°33	2°57	16°50	17°21	20°30	19°10	25°56	6°35	5°53	25°28	n.a.	S 10
M11	15 8 13	15°27'42	14♊ 3	4°49	21°59	3°35	16°59	17°26	20°34	19°12	25°56	6°34	5°50	25°35	n.a.	M11
T 12	15 12 10	16°25'24	28°55	4°29	21°24	4°13	17° 9	17°30	20°38	19°15	25°57	6°33	5°46	25°41	n.a.	T 12
W13	15 16 6	17°23'07	13♋37	4°16	20°49	4°51	17°18	17°35	20°41	19°17	25°57	6°32	5°43	25°48	n.a.	W13
T 14	15 20 3	18°20'52	28° 4	4°D 9	20°12	5°30	17°27	17°39	20°45	19°19	25°57	6°31	5°40	25°55	n.a.	T 14
F 15	15 23 59	19°18'38	12♌12	4°10	19°36	6° 8	17°37	17°44	20°49	19°21	25°57	6°30	5°37	26° 2	n.a.	F 15
S 16	15 27 56	20°16'25	25°59	4°17	18°59	6°46	17°47	17°49	20°53	19°23	25°57	6°D30	5°34	26° 8	n.a.	S 16
S 17	15 31 52	21°14'14	9♍26	4°33	18°23	7°24	17°56	17°53	20°56	19°26	25°58	6°31	5°31	26°15	n.a.	S 17
M18	15 35 49	22°12'04	22°34	4°55	17°47	8° 1	18° 6	17°58	21° 0	19°28	25°58	6°32	5°27	26°22	n.a.	M18
T 19	15 39 46	23° 9'56	5♎24	5°26	17°11	8°39	18°16	18° 3	21° 4	19°30	25°58	6°33	5°24	26°28	n.a.	T 19
W20	15 43 42	24° 7'50	18° 0	6° 3	16°36	9°17	18°26	18° 8	21° 7	19°32	25°58	6°34	5°21	26°35	n.a.	W20
T 21	15 47 39	25° 5'45	0♏24	6°48	16° 3	9°55	18°36	18°13	21°11	19°35	25°59	6°R35	5°18	26°42	n.a.	T 21
F 22	15 51 35	26° 3'42	12°37	7°41	15°30	10°32	18°47	18°18	21°15	19°37	25°59	6°35	5°15	26°48	n.a.	F 22
S 23	15 55 32	27° 1'41	24°42	8°40	14°59	11°10	18°57	18°24	21°19	19°39	26° 0	6°34	5°12	26°55	n.a.	S 23
S 24	15 59 28	27°59'41	6♐40	9°45	14°30	11°47	19° 7	18°29	21°22	19°41	26° 0	6°32	5° 8	27° 2	n.a.	S 24
M25	16 3 25	28°57'44	18°34	10°57	14° 2	12°25	19°18	18°34	21°26	19°43	26° 1	6°29	5° 5	27° 8	n.a.	M25
T 26	16 7 22	29°55'49	0♑25	12°15	13°37	13° 2	19°28	18°39	21°30	19°46	26° 1	6°25	5° 2	27°15	n.a.	T 26
W27	16 11 18	0♊53'56	12°15	13°39	13°13	13°39	19°39	18°45	21°33	19°48	26° 2	6°21	4°59	27°22	n.a.	W27
T 28	16 15 15	1°52'05	24° 8	15° 8	12°51	14°17	19°50	18°50	21°37	19°50	26° 3	6°17	4°56	27°29	n.a.	T 28
F 29	16 19 11	2°50'16	6♒ 7	16°41	12°32	14°54	20° 1	18°56	21°41	19°52	26° 3	6°14	4°52	27°35	n.a.	F 29
S 30	16 23 8	3♊48'30	18♒14	18♉18	12♉15	15♈31	20♋12	19♋ 1	21♉45	19♉54	26♌ 4	6♉11	4♉49	27♐42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n51	26s20	5s13	11n58	3s57	19n16	0s39	1s45	0s38	24n42	1n32	25n 4	2n 3	18n20	0n 7	17n20	0s36	27n31	15n21	14n 5	14n 1	27s50		n.a.
S 2	14 11	23 22	5 17	11 37	4 4	18 59	0 52	1 28	0 38	24 41	1 32	25 3	2 3	18 22	0 7	17 21	0 36	27 31	15 20	14 5	14 0	27 51		n.a.
S 3	14 30	19 18	5 5	11 18	4 10	18 41	1 6	1 12	0 37	24 40	1 32	25 3	2 3	18 23	0 7	17 22	0 36	27 31	15 20	14 5	13 59	27 51		n.a.
M 4	14 49	14 18	4 39	10 59	4 13	18 22	1 20	0 56	0 37	24 39	1 32	25 2	2 3	18 24	0 7	17 22	0 36	27 30	15 19	14 5	13 58	27 52		n.a.
T 5	15 8	8 31	3 58	10 42	4 16	18 3	1 34	0 39	0 36	24 38	1 31	25 1	2 3	18 25	0 7	17 23	0 36	27 30	15 18	14 5	13 57	27 53		n.a.
W 6	15 26	2 10	3 3	10 27	4 16	17 42	1 48	0 23	0 36	24 36	1 31	25 1	2 2	18 26	0 7	17 24	0 36	27 29	15 18	14 5	13 56	27 54		n.a.
T 7	15 45	4n28	1 55	10 14	4 15	17 22	2 2	0 7	0 35	24 35	1 31	25 0	2 2	18 27	0 7	17 24	0 36	27 29	15 17	14 6	13 55	27 55		n.a.
F 8	16 3	11 5	0 38	10 3	4 12	17 0	2 16	0n 9	0 35	24 34	1 31	24 59	2 2	18 28	0 7	17 25	0 36	27 28	15 17	14 6	13 54	27 56		n.a.
S 9	16 21	17 16	0n43	9 56	4 7	16 39	2 31	0 25	0 34	24 32	1 31	24 59	2 2	18 29	0 7	17 26	0 36	27 28	15 16	14 6	13 52	27 57		n.a.
S 10	16 38	22 30	2 2	9 51	4 1	16 16	2 45	0 42	0 34	24 31	1 30	24 58	2 2	18 30	0 7	17 26	0 36	27 27	15 16	14 6	13 51	27 57		n.a.
M11	16 56	26 19	3 13	9 50	3 54	15 54	2 59	0 58	0 33	24 30	1 30	24 57	2 2	18 31	0 7	17 27	0 36	27 27	15 15	14 5	13 50	27 58		n.a.
T 12	17 13	28 18	4 11	9 52	3 44	15 31	3 13	1 14	0 32	24 28	1 30	24 57	2 2	18 32	0 7	17 27	0 36	27 26	15 14	14 5	13 49	27 59		n.a.
W13	17 30	28 14	4 51	9 57	3 34	15 9	3 27	1 30	0 32	24 27	1 30	24 56	2 2	18 33	0 7	17 28	0 36	27 25	15 14	14 5	13 48	28 0		n.a.
T 14	17 46	26 14	5 13	10 5	3 23	14 46	3 40	1 46	0 31	24 25	1 30	24 55	2 1	18 34	0 7	17 29	0 36	27 25	15 13	14 4	13 47	28 1		n.a.
F 15	18 3	22 38	5 15	10 17	3 10	14 24	3 53	2 2	0 31	24 24	1 29	24 54	2 1	18 35	0 7	17 29	0 36	27 24	15 13	14 4	13 46	28 1		n.a.
S 16	18 19	17 52	4 58	10 32	2 57	14 2	4 6	2 18	0 30	24 22	1 29	24 54	2 1	18 36	0 7	17 30	0 36	27 24	15 12	14 4	13 45	28 2		n.a.
S 17	18 35	12 20	4 26	10 51	2 43	13 40	4 18	2 34	0 30	24 21	1 29	24 53	2 1	18 37	0 7	17 31	0 36	27 23	15 12	14 4	13 44	28 3		n.a.
M18	18 50	6 23	3 40	11 12	2 29	13 18	4 30	2 50	0 29	24 19	1 29	24 52	2 1	18 38	0 7	17 31	0 36	27 22	15 11	14 5	13 43	28 4		n.a.
T 19	19 5	0 17	2 44	11 36	2 14	12 58	4 41	3 5	0 28	24 18	1 29	24 51	2 1	18 39	0 7	17 32	0 36	27 22	15 10	14 5	13 42	28 4		n.a.
W20	19 20	5s43	1 41	12 3	1 59	12 38	4 51	3 21	0 28	24 16	1 29	24 51	2 1	18 40	0 7	17 33	0 36	27 21	15 10	14 5	13 40	28 5		n.a.
T 21	19 35	11 24	0 34	12 33	1 43	12 18	5 1	3 37	0 27	24 15	1 28	24 50	2 1	18 41	0 7	17 33	0 36	27 20	15 9	14 6	13 39	28 6		n.a.
F 22	19 49	16 35	0s33	13 5	1 28	12 0	5 11	3 53	0 27	24 13	1 28	24 49	2 1	18 42	0 7	17 34	0 36	27 20	15 9	14 6	13 38	28 7		n.a.
S 23	20 3	21 4	1 38	13 39	1 13	11 43	5 19	4 8	0 26	24 11	1 28	24 48	2 0	18 43	0 7	17 34	0 36	27 19	15 8	14 5	13 37	28 7		n.a.
S 24	20 16	24 38	2 38	14 14	0 58	11 26	5 27	4 24	0 25	24 10	1 28	24 47	2 0	18 44	0 7	17 35	0 36	27 18	15 8	14 5	13 36	28 8		n.a.
M25	20 29	27 6	3 31	14 51	0 43	11 11	5 35	4 40	0 25	24 8	1 28	24 46	2 0	18 45	0 7	17 36	0 36	27 17	15 7	14 4	13 35	28 9		n.a.
T 26	20 42	28 21	4 14	15 29	0 29	10 57	5 41	4 55	0 24	24 6	1 28	24 46	2 0	18 46	0 7	17 36	0 36	27 17	15 6	14 2	13 34	28 9		n.a.
W27	20 55	28 17	4 46	16 9	0 15	10 44	5 47	5 11	0 24	24 4	1 28	24 45	2 0	18 47	0 7	17 37	0 36	27 16	15 6	14 1	13 33	28 10		n.a.
T 28	21 7	26 55	5 6	16 48	0 2	10 33	5 53	5 26	0 23	24 3	1 27	24 44	2 0	18 48	0 7	17 38	0 36	27 15	15 5	14 0	13 32	28 11		n.a.
F 29	21 19	24 19	5 13	17 28	0n11	10 22	5 57	5 41	0 22	24 1	1 27	24 43	2 0	18 49	0 7	17 38	0 36	27 14	15 5	13 58	13 31	28 11		n.a.
S 30	21n30	20s38	5s 6	18n 8	0n23	10n13	6s 1	5n57	0s22	23n59	1n27	24n42	2n 0	18n50	0n 7	17n39	0s36	27n14	15n 4	13n58	13n30	28s12		n.a.

Julian Day Number = 196290.5, Delta T = 32h18m36s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'18, Lahiri = -61°19'17 Julian Calendar 1 June 4176 BCE == Greg. Calendar 29 Apr. 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

JULY 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 27 4	4♊46'45	0♓35	20♉ 0	12°R 1	16♈ 8	20♋23	19♋ 7	21♉48	19♉57	26♌ 5	6°D10	4♉46	27♐49	n.a.	S 1
M 2	16 31 1	5°45'03	13°13	21°44	11♉48	16°45	20°34	19°13	21°52	19°59	26° 6	6♉10	4°43	27°55	n.a.	M 2
T 3	16 34 57	6°43'23	26°13	23°31	11°38	17°22	20°45	19°18	21°55	20° 1	26° 6	6°12	4°40	28° 2	n.a.	T 3
W 4	16 38 54	7°41'46	9♈38	25°21	11°31	17°59	20°56	19°24	21°59	20° 3	26° 7	6°13	4°37	28° 9	n.a.	W 4
T 5	16 42 50	8°40'11	23°30	27°12	11°26	18°36	21° 7	19°30	22° 3	20° 5	26° 8	6°14	4°33	28°15	n.a.	T 5
F 6	16 46 47	9°38'39	7♉48	29° 5	11°23	19°13	21°19	19°36	22° 6	20° 7	26° 9	6°R15	4°30	28°22	n.a.	F 6
S 7	16 50 44	10°37'09	22°32	0♊58	11°D23	19°49	21°30	19°42	22°10	20°10	26°10	6°14	4°27	28°29	n.a.	S 7
S 8	16 54 40	11°35'41	7♊34	2°53	11°25	20°26	21°42	19°48	22°14	20°12	26°11	6°11	4°24	28°36	n.a.	S 8
M 9	16 58 37	12°34'15	22°46	4°48	11°29	21° 3	21°53	19°54	22°17	20°14	26°12	6° 7	4°21	28°42	n.a.	M 9
T 10	17 2 33	13°32'52	7♋58	6°43	11°36	21°39	22° 5	20° 0	22°21	20°16	26°13	6° 2	4°18	28°49	n.a.	T 10
W11	17 6 30	14°31'31	23° 1	8°38	11°45	22°15	22°17	20° 6	22°24	20°18	26°14	5°56	4°14	28°56	n.a.	W11
T 12	17 10 26	15°30'11	7♌45	10°33	11°55	22°52	22°28	20°12	22°28	20°20	26°15	5°51	4°11	29° 2	n.a.	T 12
F 13	17 14 23	16°28'54	22° 4	12°27	12° 8	23°28	22°40	20°18	22°31	20°22	26°16	5°47	4° 8	29° 9	n.a.	F 13
S 14	17 18 19	17°27'38	5♍56	14°21	12°23	24° 4	22°52	20°25	22°35	20°24	26°17	5°45	4° 5	29°16	n.a.	S 14
S 15	17 22 16	18°26'24	19°22	16°14	12°40	24°40	23° 4	20°31	22°38	20°26	26°19	5°D44	4° 2	29°22	n.a.	S 15
M16	17 26 12	19°25'12	2♎24	18° 7	12°59	25°16	23°16	20°37	22°42	20°28	26°20	5°45	3°58	29°29	n.a.	M16
T 17	17 30 9	20°24'02	15° 5	19°58	13°20	25°52	23°28	20°43	22°45	20°30	26°21	5°46	3°55	29°36	n.a.	T 17
W18	17 34 6	21°22'55	27°29	21°49	13°42	26°28	23°40	20°50	22°48	20°32	26°22	5°48	3°52	29°43	n.a.	W18
T 19	17 38 2	22°21'49	9♏40	23°39	14° 6	27° 4	23°53	20°56	22°52	20°34	26°24	5°R48	3°49	29°49	n.a.	T 19
F 20	17 41 59	23°20'45	21°42	25°28	14°32	27°40	24° 5	21° 3	22°55	20°36	26°25	5°46	3°46	29°56	n.a.	F 20
S 21	17 45 55	24°19'44	3♐38	27°16	15° 0	28°16	24°17	21° 9	22°59	20°38	26°26	5°43	3°43	0♑ 3	n.a.	S 21
S 22	17 49 52	25°18'45	15°30	29° 3	15°29	28°51	24°29	21°16	23° 2	20°40	26°28	5°37	3°39	0° 9	n.a.	S 22
M23	17 53 48	26°17'48	27°21	0♋49	16° 0	29°27	24°42	21°22	23° 5	20°42	26°29	5°29	3°36	0°16	n.a.	M23
T 24	17 57 45	27°16'53	9♑13	2°35	16°32	0♉ 2	24°54	21°29	23° 8	20°44	26°31	5°19	3°33	0°23	n.a.	T 24
W25	18 1 41	28°16'01	21° 6	4°19	17° 5	0°38	25° 7	21°36	23°12	20°46	26°32	5° 9	3°30	0°29	n.a.	W25
T 26	18 5 38	29°15'11	3♒ 2	6° 2	17°40	1°13	25°19	21°42	23°15	20°47	26°34	4°58	3°27	0°36	n.a.	T 26
F 27	18 9 34	0♋14'23	15° 5	7°45	18°17	1°48	25°32	21°49	23°18	20°49	26°35	4°49	3°24	0°43	n.a.	F 27
S 28	18 13 31	1°13'38	27°15	9°26	18°54	2°23	25°45	21°56	23°21	20°51	26°37	4°42	3°20	0°50	n.a.	S 28
S 29	18 17 27	2°12'55	9♓36	11° 7	19°33	2°59	25°57	22° 2	23°24	20°53	26°39	4°37	3°17	0°56	n.a.	S 29
M30	18 21 24	3°12'15	22°12	12°46	20°13	3°34	26°10	22° 9	23°27	20°55	26°40	4°34	3°14	1° 3	n.a.	M30
T 31	18 25 21	4♋11'38	5♈ 6	14♋25	20♉54	4♉ 8	26♋23	22♋16	23♉30	20♉56	26♌42	4°D34	3♉11	1♑10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21n41	16s 0	4s45	18n47	0n34	10n 5	6s 5	6n12	0s21	23n57	1n27	24n41	2n 0	18n51	0n 7	17n39	0s36	27n13	15n 4	13n57	13n28	28s13			n.a.
M 2	21 52	10 36	4 10	19 26	0 45	9 59	6 8	6 27	0 20	23 55	1 27	24 40	2 0	18 52	0 7	17 40	0 35	27 12	15 3	13 57	13 27	28 13			n.a.
T 3	22 3	4 37	3 21	20 3	0 54	9 54	6 10	6 42	0 20	23 53	1 27	24 39	2 0	18 53	0 8	17 41	0 35	27 11	15 2	13 58	13 26	28 14			n.a.
W 4	22 13	1n47	2 20	20 40	1 3	9 50	6 12	6 57	0 19	23 52	1 27	24 38	2 0	18 54	0 8	17 41	0 35	27 10	15 2	13 58	13 25	28 15			n.a.
T 5	22 22	8 19	1 9	21 14	1 11	9 47	6 13	7 12	0 18	23 50	1 26	24 37	1 59	18 55	0 8	17 42	0 35	27 10	15 1	13 59	13 24	28 15			n.a.
F 6	22 31	14 38	0n 9	21 48	1 18	9 46	6 14	7 27	0 18	23 48	1 26	24 36	1 59	18 56	0 8	17 42	0 35	27 9	15 1	13 59	13 23	28 16			n.a.
S 7	22 40	20 20	1 28	22 19	1 25	9 45	6 14	7 42	0 17	23 46	1 26	24 35	1 59	18 57	0 8	17 43	0 35	27 8	15 0	13 59	13 22	28 17			n.a.
S 8	22 49	24 51	2 42	22 48	1 30	9 46	6 14	7 57	0 16	23 44	1 26	24 34	1 59	18 58	0 8	17 44	0 35	27 7	15 0	13 58	13 21	28 17			n.a.
M 9	22 57	27 40	3 46	23 15	1 35	9 48	6 13	8 12	0 16	23 42	1 26	24 34	1 59	18 59	0 8	17 44	0 35	27 6	14 59	13 56	13 20	28 18			n.a.
T 10	23 4	28 25	4 34	23 40	1 39	9 51	6 12	8 26	0 15	23 40	1 26	24 33	1 59	19 0	0 8	17 45	0 35	27 5	14 59	13 54	13 19	28 18			n.a.
W11	23 11	27 3	5 2	24 3	1 43	9 55	6 11	8 41	0 14	23 37	1 26	24 32	1 59	19 1	0 8	17 45	0 35	27 4	14 58	13 53	13 17	28 19			n.a.
T 12	23 18	23 49	5 10	24 24	1 45	10 0	6 9	8 56	0 14	23 35	1 26	24 31	1 59	19 2	0 8	17 46	0 35	27 4	14 58	13 51	13 16	28 19			n.a.
F 13	23 24	19 13	4 58	24 42	1 47	10 6	6 7	9 10	0 13	23 33	1 26	24 30	1 59	19 3	0 8	17 46	0 35	27 3	14 57	13 49	13 15	28 20			n.a.
S 14	23 30	13 43	4 28	24 58	1 49	10 13	6 4	9 24	0 12	23 31	1 25	24 28	1 59	19 4	0 8	17 47	0 35	27 2	14 56	13 49	13 14	28 21			n.a.
S 15	23 36	7 45	3 45	25 12	1 49	10 21	6 2	9 39	0 11	23 29	1 25	24 27	1 59	19 4	0 8	17 48	0 35	27 1	14 56	13 48	13 13	28 21			n.a.
M16	23 41	1 37	2 51	25 23	1 49	10 29	5 59	9 53	0 11	23 27	1 25	24 26	1 59	19 5	0 8	17 48	0 35	27 0	14 55	13 49	13 12	28 22			n.a.
T 17	23 45	4s25	1 50	25 32	1 49	10 39	5 55	10 7	0 10	23 24	1 25	24 25	1 59	19 6	0 8	17 49	0 35	26 59	14 55	13 49	13 11	28 22			n.a.
W18	23 49	10 10	0 45	25 39	1 48	10 49	5 52	10 21	0 9	23 22	1 25	24 24	1 59	19 7	0 8	17 49	0 35	26 58	14 54	13 50	13 10	28 23			n.a.
T 19	23 53	15 27	0s21	25 44	1 47	10 59	5 48	10 35	0 8	23 20	1 25	24 23	1 59	19 8	0 8	17 50	0 35	26 57	14 54	13 50	13 9	28 23			n.a.
F 20	23 56	20 4	1 25	25 47	1 45	11 11	5 44	10 49	0 8	23 18	1 25	24 22	1 59	19 9	0 8	17 50	0 35	26 56	14 53	13 49	13 8	28 24			n.a.
S 21	23 59	23 50	2 24	25 48	1 43	11 23	5 40	11 3	0 7	23 15	1 25	24 21	1 59	19 10	0 8	17 51	0 35	26 55	14 53	13 48	13 6	28 24			n.a.
S 22	24 2	26 34	3 17	25 47	1 40	11 36	5 36	11 17	0 6	23 13	1 25	24 20	1 59	19 11	0 8	17 51	0 35	26 54	14 52	13 46	13 5	28 25			n.a.
M23	24 4	28 6	4 1	25 44	1 37	11 49	5 31	11 30	0 5	23 11	1 25	24 19	1 59	19 12	0 8	17 52	0 35	26 53	14 52	13 43	13 4	28 25			n.a.
T 24	24 5	28 21	4 34	25 39	1 33	12 3	5 26	11 44	0 5	23 8	1 25	24 18	1 59	19 12	0 8	17 52	0 35	26 52	14 51	13 40	13 3	28 26			n.a.
W25	24 6	27 16	4 56	25 32	1 30	12 17	5 22	11 57	0 4	23 6	1 24	24 17	1 59	19 13	0 8	17 53	0 35	26 51	14 51	13 36	13 2	28 26			n.a.
T 26	24 7	24 57	5 5	25 24	1 25	12 32	5 17	12 11	0 3	23 3	1 24	24 16	1 58	19 14	0 8	17 53	0 35	26 50	14 50	13 33	13 1	28 27			n.a.
F 27	24 7	21 32	5 0	25 14	1 21	12 47	5 11	12 24	0 2	23 1	1 24	24 14	1 58	19 15	0 8	17 54	0 35	26 49	14 50	13 30	13 0	28 27			n.a.
S 28	24 6	17 10	4 42	25 2	1 16	13 2	5 6	12 37	0 2	22 58	1 24	24 13	1 58	19 16	0 8	17 54	0 35	26 48	14 50	13 27	12 59	28 27			n.a.
S 29	24 6	12 2	4 10	24 49	1 12	13 18	5 1	12 50	0 1	22 56	1 24	24 12	1 58	19 17	0 8	17 55	0 35	26 47	14 49	13 25	12 58	28 28			n.a.
M30	24 4	6 19	3 26	24 35	1 6	13 34	4 55	13 3	0n 0	22 53	1 24	24 11	1 58	19 17	0 8	17 55	0 35	26 46	14 49	13 24	12 56	28 28			n.a.
T 31	24n 3	0s13	2s31	24n19	1n 1	13n50	4s50	13n16	0n 1	22n51	1n24	24n10	1n58	19n18	0n 8	17n56	0s35	26n45	14n48	13n24	12n55	28s29			n.a.

Julian Day Number = 196320.5, Delta T = 32h18m33s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'14, Lahiri = -61°19'13 Julian Calendar 1 July 4176 BCE == Greg. Calendar 29 May 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

AUGUST 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 29 17	5♋11'03	18♈22	16♋ 3	21♉36	4♉43	26♋35	22♋23	23♉33	20♉58	26♌44	4♉34	3♉ 8	1♊16	n.a.	W 1
T 2	18 33 14	6°10'31	2♉ 3	17°41	22°20	5°18	26°48	22°29	23°36	21° 0	26°45	4°R35	3° 4	1°23	n.a.	T 2
F 3	18 37 10	7°10'01	16°12	19°17	23° 4	5°53	27° 1	22°36	23°39	21° 1	26°47	4°34	3° 1	1°30	n.a.	F 3
S 4	18 41 7	8° 9'34	0♊47	20°53	23°49	6°27	27°14	22°43	23°42	21° 3	26°49	4°32	2°58	1°37	n.a.	S 4
S 5	18 45 3	9° 9'10	15°44	22°27	24°35	7° 2	27°27	22°50	23°45	21° 5	26°51	4°27	2°55	1°43	n.a.	S 5
M 6	18 49 0	10° 8'48	0♋58	24° 1	25°22	7°36	27°40	22°57	23°48	21° 6	26°52	4°19	2°52	1°50	n.a.	M 6
T 7	18 52 56	11° 8'28	16°16	25°35	26°10	8°11	27°53	23° 4	23°51	21° 8	26°54	4°10	2°49	1°57	n.a.	T 7
W 8	18 56 53	12° 8'10	1♌29	27° 7	26°59	8°45	28° 6	23°11	23°54	21°10	26°56	3°59	2°45	2° 3	n.a.	W 8
T 9	19 0 49	13° 7'55	16°25	28°39	27°49	9°19	28°19	23°18	23°56	21°11	26°58	3°49	2°42	2°10	n.a.	T 9
F 10	19 4 46	14° 7'42	0♍57	0♌10	28°39	9°53	28°32	23°25	23°59	21°13	27° 0	3°41	2°39	2°17	n.a.	F 10
S 11	19 8 42	15° 7'30	14°59	1°40	29°31	10°27	28°45	23°32	24° 2	21°14	27° 2	3°35	2°36	2°23	n.a.	S 11
S 12	19 12 39	16° 7'21	28°31	3°10	0♊22	11° 1	28°58	23°39	24° 5	21°16	27° 4	3°32	2°33	2°30	n.a.	S 12
M13	19 16 35	17° 7'13	11♎36	4°39	1°15	11°34	29°11	23°46	24° 7	21°17	27° 6	3°31	2°29	2°37	n.a.	M13
T 14	19 20 32	18° 7'08	24°15	6° 7	2° 8	12° 8	29°25	23°53	24°10	21°18	27° 8	3°D30	2°26	2°44	n.a.	T 14
W15	19 24 29	19° 7'04	6♏36	7°34	3° 2	12°41	29°38	24° 0	24°12	21°20	27°10	3°R31	2°23	2°50	n.a.	W15
T 16	19 28 25	20° 7'02	18°42	9° 0	3°57	13°15	29°51	24° 7	24°15	21°21	27°12	3°30	2°20	2°57	n.a.	T 16
F 17	19 32 22	21° 7'03	0♐38	10°26	4°52	13°48	0♌ 4	24°14	24°17	21°22	27°14	3°27	2°17	3° 4	n.a.	F 17
S 18	19 36 18	22° 7'05	12°30	11°50	5°48	14°21	0°17	24°21	24°20	21°24	27°16	3°21	2°14	3°10	n.a.	S 18
S 19	19 40 15	23° 7'09	24°19	13°14	6°44	14°54	0°31	24°28	24°22	21°25	27°18	3°12	2°10	3°17	n.a.	S 19
M20	19 44 11	24° 7'16	6♑10	14°37	7°41	15°27	0°44	24°35	24°24	21°26	27°20	3° 1	2° 7	3°24	n.a.	M20
T 21	19 48 8	25° 7'24	18° 5	15°59	8°39	16° 0	0°57	24°42	24°27	21°27	27°22	2°47	2° 4	3°31	n.a.	T 21
W22	19 52 4	26° 7'34	0♒ 4	17°20	9°37	16°33	1°11	24°49	24°29	21°29	27°24	2°33	2° 1	3°37	n.a.	W22
T 23	19 56 1	27° 7'47	12° 9	18°40	10°35	17° 5	1°24	24°56	24°31	21°30	27°26	2°18	1°58	3°44	n.a.	T 23
F 24	19 59 57	28° 8'01	24°21	19°59	11°34	17°38	1°37	25° 3	24°33	21°31	27°29	2° 5	1°55	3°51	n.a.	F 24
S 25	20 3 54	29° 8'18	6♓40	21°16	12°34	18°10	1°51	25°10	24°35	21°32	27°31	1°54	1°51	3°57	n.a.	S 25
S 26	20 7 50	0♌ 8'37	19°10	22°32	13°34	18°42	2° 4	25°17	24°37	21°33	27°33	1°46	1°48	4° 4	n.a.	S 26
M27	20 11 47	1° 8'58	1♈50	23°47	14°34	19°15	2°17	25°24	24°39	21°34	27°35	1°42	1°45	4°11	n.a.	M27
T 28	20 15 43	2° 9'21	14°46	25° 0	15°35	19°47	2°31	25°31	24°41	21°35	27°38	1°39	1°42	4°17	n.a.	T 28
W29	20 19 40	3° 9'47	27°58	26°11	16°36	20°19	2°44	25°38	24°43	21°36	27°40	1°39	1°39	4°24	n.a.	W29
T 30	20 23 37	4°10'15	11♉31	27°20	17°38	20°50	2°57	25°45	24°45	21°37	27°42	1°39	1°35	4°31	n.a.	T 30
F 31	20 27 33	5♌10'45	25♉26	28♌27	18♊40	21♉22	3♌11	25♋52	24♉47	21♉38	27♌44	1♉38	1♉32	4♊38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	24n 1	6n 5	1s25	24n 2	0n55	14n 7	4s44	13n29	0n 2	22n48	1n24	24n 9	1n58	19n19	0n 8	17n56	0s35	26n44	14n48	13n24	12n54	28s29			n.a.
T 2	23 58	12 19	0 14	23 44	0 50	14 23	4 39	13 42	0 2	22 46	1 24	24 8	1 58	19 20	0 8	17 57	0 35	26 43	14 47	13 25	12 53	28 29			n.a.
F 3	23 55	18 8	1n 1	23 24	0 44	14 40	4 33	13 54	0 3	22 43	1 24	24 6	1 58	19 21	0 8	17 57	0 35	26 42	14 47	13 24	12 52	28 30			n.a.
S 4	23 51	23 5	2 15	23 4	0 38	14 57	4 27	14 7	0 4	22 40	1 24	24 5	1 58	19 21	0 8	17 58	0 35	26 41	14 46	13 24	12 51	28 30			n.a.
S 5	23 47	26 39	3 20	22 42	0 31	15 14	4 21	14 19	0 5	22 38	1 24	24 4	1 58	19 22	0 8	17 58	0 35	26 40	14 46	13 22	12 50	28 31			n.a.
M 6	23 43	28 20	4 13	22 19	0 25	15 31	4 15	14 32	0 6	22 35	1 24	24 3	1 58	19 23	0 8	17 59	0 35	26 39	14 46	13 19	12 49	28 31			n.a.
T 7	23 38	27 51	4 48	21 56	0 18	15 49	4 9	14 44	0 7	22 32	1 24	24 2	1 58	19 24	0 8	17 59	0 35	26 38	14 45	13 16	12 47	28 31			n.a.
W 8	23 33	25 17	5 2	21 31	0 12	16 6	4 3	14 56	0 8	22 29	1 24	24 0	1 58	19 24	0 8	17 59	0 35	26 37	14 45	13 12	12 46	28 32			n.a.
T 9	23 27	21 2	4 55	21 6	0 5	16 23	3 57	15 8	0 8	22 27	1 24	23 59	1 58	19 25	0 8	18 0	0 35	26 35	14 44	13 9	12 45	28 32			n.a.
F 10	23 20	15 37	4 29	20 39	0s 2	16 41	3 51	15 20	0 9	22 24	1 24	23 58	1 58	19 26	0 8	18 0	0 35	26 34	14 44	13 6	12 44	28 32			n.a.
S 11	23 14	9 33	3 47	20 12	0 9	16 58	3 45	15 32	0 10	22 21	1 24	23 57	1 58	19 26	0 8	18 1	0 35	26 33	14 44	13 4	12 43	28 33			n.a.
S 12	23 7	3 15	2 54	19 45	0 16	17 15	3 38	15 44	0 11	22 18	1 23	23 55	1 59	19 27	0 8	18 1	0 35	26 32	14 43	13 3	12 42	28 33			n.a.
M13	22 59	2s59	1 53	19 16	0 23	17 32	3 32	15 55	0 12	22 15	1 23	23 54	1 59	19 28	0 8	18 1	0 35	26 31	14 43	13 2	12 41	28 33			n.a.
T 14	22 51	8 55	0 49	18 47	0 30	17 49	3 26	16 7	0 13	22 13	1 23	23 53	1 59	19 29	0 8	18 2	0 35	26 30	14 42	13 2	12 40	28 34			n.a.
W15	22 42	14 21	0s16	18 18	0 37	18 6	3 20	16 18	0 14	22 10	1 23	23 52	1 59	19 29	0 8	18 2	0 35	26 29	14 42	13 2	12 39	28 34			n.a.
T 16	22 34	19 9	1 20	17 48	0 44	18 22	3 14	16 29	0 15	22 7	1 23	23 51	1 59	19 30	0 8	18 2	0 35	26 28	14 42	13 2	12 37	28 34			n.a.
F 17	22 24	23 7	2 18	17 18	0 52	18 38	3 7	16 41	0 16	22 4	1 23	23 49	1 59	19 30	0 8	18 3	0 35	26 27	14 41	13 1	12 36	28 34			n.a.
S 18	22 14	26 5	3 10	16 47	0 59	18 55	3 1	16 52	0 17	22 1	1 23	23 48	1 59	19 31	0 8	18 3	0 35	26 26	14 41	12 59	12 35	28 35			n.a.
S 19	22 4	27 53	3 54	16 16	1 6	19 11	2 55	17 3	0 18	21 58	1 23	23 47	1 59	19 32	0 8	18 3	0 35	26 25	14 41	12 56	12 34	28 35			n.a.
M20	21 54	28 25	4 28	15 45	1 13	19 26	2 49	17 13	0 19	21 55	1 23	23 46	1 59	19 32	0 8	18 4	0 35	26 24	14 40	12 52	12 33	28 35			n.a.
T 21	21 43	27 38	4 50	15 13	1 20	19 42	2 42	17 24	0 19	21 52	1 23	23 44	1 59	19 33	0 8	18 4	0 35	26 23	14 40	12 47	12 32	28 35			n.a.
W22	21 31	25 34	4 59	14 42	1 27	19 57	2 36	17 35	0 20	21 49	1 23	23 43	1 59	19 33	0 8	18 4	0 35	26 21	14 40	12 42	12 31	28 36			n.a.
T 23	21 19	22 20	4 55	14 10	1 34	20 12	2 30	17 45	0 21	21 46	1 23	23 42	1 59	19 34	0 8	18 5	0 35	26 20	14 39	12 37	12 29	28 36			n.a.
F 24	21 7	18 7	4 37	13 38	1 41	20 26	2 24	17 56	0 22	21 43	1 23	23 40	1 59	19 35	0 8	18 5	0 35	26 19	14 39	12 32	12 28	28 36			n.a.
S 25	20 54	13 7	4 7	13 7	1 48	20 40	2 18	18 6	0 23	21 40	1 23	23 39	1 59	19 35	0 8	18 5	0 35	26 18	14 39	12 28	12 27	28 36			n.a.
S 26	20 41	7 31	3 24	12 36	1 54	20 54	2 12	18 16	0 24	21 37	1 23	23 38	1 59	19 36	0 8	18 6	0 35	26 17	14 39	12 25	12 26	28 36			n.a.
M27	20 28	1 32	2 30	12 5	2 1	21 7	2 6	18 26	0 25	21 34	1 23	23 37	1 59	19 36	0 8	18 6	0 35	26 16	14 38	12 24	12 25	28 37			n.a.
T 28	20 14	4n38	1 28	11 34	2 7	21 20	2 0	18 36	0 27	21 30	1 23	23 35	1 59	19 37	0 8	18 6	0 35	26 15	14 38	12 23	12 24	28 37			n.a.
W29	20 0	10 45	0 19	11 4	2 13	21 32	1 54	18 46	0 28	21 27	1 23	23 34	1 59	19 37	0 8	18 6	0 35	26 14	14 38	12 23	12 23	28 37			n.a.
T 30	19 45	16 32	0n52	10 34	2 19	21 44	1 48	18 56	0 29	21 24	1 23	23 33	1 59	19 38	0 8	18 7	0 35	26 13	14 38	12 23	12 22	28 37			n.a.
F 31	19n30	21n38	2n 2	10n 6	2s24	21n56	1s42	19n 5	0n30	21n21	1n23	23n32	1n59	19n38	0n 8	18n 7	0s35	26n12	14n37	12n22	12n20	28s37			n.a.

Julian Day Number = 196351.5, Delta T = 32h18m30s
Ecliptic obliquity = 24°07'01, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'10, Lahiri = -61°19'09 Julian Calendar 1 Aug. 4176 BCE == Greg. Calendar 29 June 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

SEPTEMBER 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 31 30	6♌11'17	9♊45	29♌32	19♊43	21♉53	3♌24	25♋59	24♉49	21♉39	27♌47	1°R35	1♉29	4♂44	n.a.	S 1
S 2	20 35 26	7°11'52	24°25	0♍34	20°46	22°25	3°37	26° 6	24°50	21°40	27°49	1♉29	1°26	4°51	n.a.	S 2
M 3	20 39 23	8°12'29	9♋22	1°33	21°49	22°56	3°51	26°12	24°52	21°41	27°51	1°21	1°23	4°58	n.a.	M 3
T 4	20 43 19	9°13'08	24°28	2°28	22°52	23°27	4° 4	26°19	24°53	21°41	27°54	1°10	1°20	5° 4	n.a.	T 4
W 5	20 47 16	10°13'48	9♌34	3°20	23°56	23°58	4°17	26°26	24°55	21°42	27°56	0°58	1°16	5°11	n.a.	W 5
T 6	20 51 12	11°14'31	24°28	4° 7	25° 1	24°29	4°31	26°33	24°57	21°43	27°58	0°47	1°13	5°18	n.a.	T 6
F 7	20 55 9	12°15'14	9♍ 2	4°50	26° 5	24°59	4°44	26°40	24°58	21°43	28° 1	0°37	1°10	5°25	n.a.	F 7
S 8	20 59 5	13°16'00	23°10	5°27	27°10	25°30	4°57	26°47	24°59	21°44	28° 3	0°29	1° 7	5°31	n.a.	S 8
S 9	21 3 2	14°16'47	6♎48	5°59	28°15	26° 0	5°10	26°54	25° 1	21°45	28° 5	0°25	1° 4	5°38	n.a.	S 9
M10	21 6 58	15°17'35	19°59	6°24	29°21	26°30	5°24	27° 0	25° 2	21°45	28° 8	0°23	1° 1	5°45	n.a.	M10
T 11	21 10 55	16°18'25	2♏43	6°41	0♋26	27° 0	5°37	27° 7	25° 3	21°46	28°10	0°D22	0°57	5°51	n.a.	T 11
W12	21 14 52	17°19'16	15° 6	6°51	1°32	27°30	5°50	27°14	25° 4	21°46	28°13	0°R23	0°54	5°58	n.a.	W12
T 13	21 18 48	18°20'08	27°13	6°R51	2°39	27°59	6° 3	27°21	25° 6	21°47	28°15	0°22	0°51	6° 5	n.a.	T 13
F 14	21 22 45	19°21'02	9♐ 9	6°43	3°45	28°29	6°17	27°27	25° 7	21°47	28°17	0°20	0°48	6°12	n.a.	F 14
S 15	21 26 41	20°21'57	21° 0	6°24	4°52	28°58	6°30	27°34	25° 8	21°48	28°20	0°16	0°45	6°18	n.a.	S 15
S 16	21 30 38	21°22'53	2♑50	5°55	5°59	29°27	6°43	27°41	25° 9	21°48	28°22	0° 9	0°41	6°25	n.a.	S 16
M17	21 34 34	22°23'51	14°43	5°16	7° 6	29°56	6°56	27°47	25°10	21°48	28°25	29♈59	0°38	6°32	n.a.	M17
T 18	21 38 31	23°24'50	26°42	4°26	8°14	0♊24	7° 9	27°54	25°11	21°49	28°27	29°48	0°35	6°38	n.a.	T 18
W19	21 42 27	24°25'49	8♒48	3°26	9°22	0°53	7°22	28° 0	25°11	21°49	28°29	29°35	0°32	6°45	n.a.	W19
T 20	21 46 24	25°26'51	21° 4	2°18	10°30	1°21	7°35	28° 7	25°12	21°49	28°32	29°22	0°29	6°52	n.a.	T 20
F 21	21 50 21	26°27'53	3♓30	1° 3	11°38	1°49	7°48	28°13	25°13	21°49	28°34	29°11	0°26	6°59	n.a.	F 21
S 22	21 54 17	27°28'57	16° 6	29♌44	12°46	2°17	8° 1	28°20	25°13	21°50	28°37	29° 1	0°22	7° 5	n.a.	S 22
S 23	21 58 14	28°30'02	28°52	28°22	13°55	2°45	8°14	28°26	25°14	21°50	28°39	28°54	0°19	7°12	n.a.	S 23
M24	22 2 10	29°31'08	11♈49	27° 0	15° 4	3°12	8°27	28°33	25°15	21°50	28°42	28°50	0°16	7°19	n.a.	M24
T 25	22 6 7	0♍32'16	24°57	25°42	16°13	3°40	8°40	28°39	25°15	21°50	28°44	28°D49	0°13	7°25	n.a.	T 25
W26	22 10 3	1°33'25	8♉17	24°29	17°22	4° 7	8°53	28°45	25°15	21°R50	28°46	28°49	0°10	7°32	n.a.	W26
T 27	22 14 0	2°34'36	21°52	23°25	18°31	4°34	9° 6	28°52	25°16	21°50	28°49	28°50	0° 7	7°39	n.a.	T 27
F 28	22 17 56	3°35'48	5♊42	22°30	19°41	5° 0	9°18	28°58	25°16	21°50	28°51	28°R50	0° 3	7°46	n.a.	F 28
S 29	22 21 53	4°37'01	19°48	21°46	20°51	5°27	9°31	29° 4	25°16	21°50	28°54	28°49	0° 0	7°52	n.a.	S 29
S 30	22 25 50	5♍38'16	4♋ 9	21♌13	22♋ 1	5♊53	9♌44	29♋10	25♉17	21♉50	28♌56	28♈46	29♈57	7♂59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19n15	25n37	3n 6	9n38	2s29	22n 7	1s36	19n15	0n31	21n18	1n23	23n30	2n 0	19n39	0n 8	18n 7	0s35	26n11	14n37	12n21	12n19	28s37		n.a.	
S 2	19 0	28 0	4 0	9 11	2 34	22 17	1 30	19 24	0 32	21 15	1 23	23 29	2 0	19 39	0 8	18 7	0 35	26 10	14 37	12 19	12 18	28 38		n.a.	
M 3	18 44	28 24	4 39	8 46	2 38	22 28	1 24	19 33	0 33	21 11	1 24	23 28	2 0	19 39	0 8	18 8	0 35	26 8	14 37	12 16	12 17	28 38		n.a.	
T 4	18 27	26 43	4 58	8 22	2 42	22 37	1 18	19 43	0 34	21 8	1 24	23 26	2 0	19 40	0 9	18 8	0 36	26 7	14 36	12 12	12 16	28 38		n.a.	
W 5	18 10	23 7	4 57	8 0	2 46	22 46	1 13	19 52	0 35	21 5	1 24	23 25	2 0	19 40	0 9	18 8	0 36	26 6	14 36	12 8	12 15	28 38		n.a.	
T 6	17 53	18 2	4 35	7 40	2 48	22 54	1 7	20 1	0 36	21 2	1 24	23 24	2 0	19 41	0 9	18 8	0 36	26 5	14 36	12 4	12 14	28 38		n.a.	
F 7	17 36	12 2	3 56	7 23	2 50	23 2	1 1	20 9	0 37	20 58	1 24	23 23	2 0	19 41	0 9	18 8	0 36	26 4	14 36	12 1	12 13	28 38		n.a.	
S 8	17 18	5 35	3 3	7 7	2 51	23 9	0 56	20 18	0 39	20 55	1 24	23 21	2 0	19 41	0 9	18 9	0 36	26 3	14 36	11 58	12 11	28 38		n.a.	
S 9	17 0	0s56	2 1	6 55	2 52	23 16	0 50	20 27	0 40	20 52	1 24	23 20	2 0	19 42	0 9	18 9	0 36	26 2	14 35	11 56	12 10	28 38		n.a.	
M10	16 42	7 11	0 55	6 47	2 51	23 22	0 45	20 35	0 41	20 48	1 24	23 19	2 0	19 42	0 9	18 9	0 36	26 1	14 35	11 56	12 9	28 38		n.a.	
T 11	16 24	12 57	0s12	6 42	2 49	23 27	0 40	20 43	0 42	20 45	1 24	23 18	2 0	19 42	0 9	18 9	0 36	26 0	14 35	11 55	12 8	28 38		n.a.	
W12	16 5	18 3	1 17	6 41	2 46	23 32	0 34	20 52	0 43	20 42	1 24	23 16	2 1	19 43	0 9	18 9	0 36	25 59	14 35	11 56	12 7	28 38		n.a.	
T 13	15 46	22 19	2 17	6 45	2 41	23 36	0 29	21 0	0 45	20 39	1 24	23 15	2 1	19 43	0 9	18 9	0 36	25 58	14 35	11 55	12 6	28 39		n.a.	
F 14	15 26	25 35	3 10	6 54	2 35	23 40	0 24	21 8	0 46	20 35	1 24	23 14	2 1	19 43	0 9	18 9	0 36	25 57	14 35	11 55	12 5	28 39		n.a.	
S 15	15 6	27 42	3 55	7 8	2 27	23 43	0 19	21 15	0 47	20 32	1 24	23 12	2 1	19 44	0 9	18 9	0 36	25 56	14 35	11 53	12 3	28 39		n.a.	
S 16	14 46	28 34	4 29	7 28	2 18	23 45	0 14	21 23	0 48	20 28	1 24	23 11	2 1	19 44	0 9	18 10	0 36	25 55	14 34	11 51	12 2	28 39		n.a.	
M17	14 26	28 6	4 51	7 54	2 6	23 46	0 9	21 31	0 50	20 25	1 24	23 10	2 1	19 44	0 9	18 10	0 36	25 54	14 34	11 47	12 1	28 39		n.a.	
T 18	14 6	26 20	5 1	8 25	1 53	23 47	0 4	21 38	0 51	20 22	1 24	23 9	2 1	19 44	0 9	18 10	0 36	25 53	14 34	11 43	12 0	28 39		n.a.	
W19	13 45	23 20	4 58	9 1	1 38	23 47	0n 1	21 46	0 52	20 18	1 24	23 8	2 1	19 45	0 9	18 10	0 36	25 52	14 34	11 38	11 59	28 39		n.a.	
T 20	13 24	19 17	4 41	9 42	1 21	23 47	0 5	21 53	0 53	20 15	1 24	23 6	2 2	19 45	0 9	18 10	0 36	25 51	14 34	11 34	11 58	28 39		n.a.	
F 21	13 3	14 22	4 10	10 26	1 2	23 45	0 10	22 0	0 55	20 12	1 25	23 5	2 2	19 45	0 9	18 10	0 36	25 50	14 34	11 29	11 57	28 39		n.a.	
S 22	12 41	8 48	3 27	11 13	0 43	23 43	0 15	22 7	0 56	20 8	1 25	23 4	2 2	19 45	0 9	18 10	0 36	25 49	14 34	11 26	11 55	28 39		n.a.	
S 23	12 20	2 47	2 33	12 2	0 22	23 41	0 19	22 14	0 57	20 5	1 25	23 3	2 2	19 45	0 9	18 10	0 36	25 48	14 34	11 23	11 54	28 38		n.a.	
M24	11 58	3n26	1 30	12 50	0 2	23 37	0 23	22 21	0 59	20 1	1 25	23 1	2 2	19 46	0 9	18 10	0 36	25 47	14 34	11 22	11 53	28 38		n.a.	
T 25	11 36	9 36	0 21	13 36	0n18	23 33	0 28	22 28	1 0	19 58	1 25	23 0	2 2	19 46	0 9	18 10	0 36	25 46	14 34	11 21	11 52	28 38		n.a.	
W26	11 13	15 28	0n51	14 19	0 38	23 29	0 32	22 35	1 2	19 55	1 25	22 59	2 2	19 46	0 9	18 10	0 36	25 45	14 34	11 22	11 51	28 38		n.a.	
T 27	10 51	20 41	2 0	14 59	0 56	23 23	0 36	22 41	1 3	19 51	1 25	22 58	2 2	19 46	0 9	18 10	0 36	25 44	14 34	11 22	11 50	28 38		n.a.	
F 28	10 28	24 53	3 4	15 33	1 13	23 17	0 40	22 47	1 4	19 48	1 25	22 57	2 3	19 46	0 9	18 10	0 36	25 43	14 34	11 22	11 49	28 38		n.a.	
S 29	10 5	27 40	3 58	16 3	1 29	23 10	0 44	22 54	1 6	19 44	1 25	22 55	2 3	19 46	0 9	18 10	0 36	25 42	14 34	11 22	11 47	28 38		n.a.	
S 30	9n42	28n41	4n38	16n26	1n42	23n 2	0n47	23n 0	1n 7	19n41	1n25	22n54	2n 3	19n46	0n 9	18n10	0s36	25n41	14n34	11n20	11n46	28s38		n.a.	

Julian Day Number = 196382.5, Delta T = 32h18m26s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'05, Lahiri = -61°19'05 Julian Calendar 1 Sept. 4176 BCE == Greg. Calendar 30 July 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

OCTOBER 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 29 46	6♍39'31	18♋42	20°R52	23♋11	6♊19	9♌56	29♋16	25♉17	21°R50	28♌59	28°R40	29♈54	8♑ 6	n.a.	M 1
T 2	22 33 43	7°40'48	3♌22	20°D42	24°21	6°44	10° 9	29°22	25°17	21♉49	29° 1	28♈33	29°51	8°12	n.a.	T 2
W 3	22 37 39	8°42'06	18° 3	20♌43	25°31	7° 9	10°22	29°28	25°R17	21°49	29° 3	28°25	29°47	8°19	n.a.	W 3
T 4	22 41 36	9°43'25	2♍38	20°54	26°42	7°35	10°34	29°34	25°17	21°49	29° 6	28°16	29°44	8°26	n.a.	T 4
F 5	22 45 32	10°44'45	16°58	21°14	27°53	7°59	10°47	29°40	25°17	21°49	29° 8	28° 9	29°41	8°33	n.a.	F 5
S 6	22 49 29	11°46'05	0♎58	21°43	29° 3	8°24	10°59	29°46	25°16	21°48	29°11	28° 4	29°38	8°39	n.a.	S 6
S 7	22 53 25	12°47'26	14°34	22°19	0♌14	8°48	11°11	29°51	25°16	21°48	29°13	28° 1	29°35	8°46	n.a.	S 7
M 8	22 57 22	13°48'47	27°46	23° 3	1°25	9°12	11°24	29°57	25°16	21°48	29°15	28°D 0	29°32	8°53	n.a.	M 8
T 9	23 1 19	14°50'09	10♏34	23°52	2°37	9°36	11°36	0♌ 3	25°16	21°47	29°18	28° 1	29°28	8°59	n.a.	T 9
W10	23 5 15	15°51'31	23° 1	24°46	3°48	9°59	11°48	0° 8	25°15	21°47	29°20	28° 2	29°25	9° 6	n.a.	W10
T 11	23 9 12	16°52'53	5♐12	25°45	4°59	10°22	12° 0	0°14	25°15	21°46	29°23	28° 4	29°22	9°13	n.a.	T 11
F 12	23 13 8	17°54'16	17°11	26°48	6°11	10°45	12°12	0°19	25°14	21°46	29°25	28°R 4	29°19	9°20	n.a.	F 12
S 13	23 17 5	18°55'39	29° 4	27°55	7°23	11° 7	12°24	0°25	25°14	21°45	29°27	28° 4	29°16	9°26	n.a.	S 13
S 14	23 21 1	19°57'02	10♑55	29° 4	8°34	11°29	12°36	0°30	25°13	21°45	29°30	28° 1	29°12	9°33	n.a.	S 14
M15	23 24 58	20°58'25	22°49	0♍17	9°46	11°51	12°48	0°36	25°13	21°44	29°32	27°57	29° 9	9°40	n.a.	M15
T 16	23 28 55	21°59'48	4♒51	1°31	10°58	12°12	13° 0	0°41	25°12	21°43	29°34	27°52	29° 6	9°46	n.a.	T 16
W17	23 32 51	23° 1'12	17° 3	2°48	12°10	12°34	13°12	0°46	25°11	21°43	29°36	27°45	29° 3	9°53	n.a.	W17
T 18	23 36 48	24° 2'35	29°28	4° 6	13°22	12°54	13°23	0°51	25°10	21°42	29°39	27°39	29° 0	10° 0	n.a.	T 18
F 19	23 40 44	25° 3'58	12♓ 7	5°26	14°35	13°15	13°35	0°56	25°10	21°41	29°41	27°33	28°57	10° 7	n.a.	F 19
S 20	23 44 41	26° 5'21	25° 1	6°48	15°47	13°35	13°46	1° 1	25° 9	21°40	29°43	27°28	28°53	10°13	n.a.	S 20
S 21	23 48 37	27° 6'45	8♈ 8	8°10	16°59	13°54	13°58	1° 6	25° 8	21°40	29°45	27°25	28°50	10°20	n.a.	S 21
M22	23 52 34	28° 8'08	21°29	9°34	18°12	14°13	14° 9	1°11	25° 7	21°39	29°48	27°D24	28°47	10°27	n.a.	M22
T 23	23 56 31	29° 9'32	5♉ 2	10°59	19°24	14°32	14°21	1°16	25° 6	21°38	29°50	27°24	28°44	10°33	n.a.	T 23
W24	0 0 27	0♎10'56	18°44	12°24	20°37	14°51	14°32	1°20	25° 4	21°37	29°52	27°25	28°41	10°40	n.a.	W24
T 25	0 4 24	1°12'20	2♊36	13°50	21°50	15° 9	14°43	1°25	25° 3	21°36	29°54	27°26	28°38	10°47	n.a.	T 25
F 26	0 8 20	2°13'44	16°35	15°17	23° 2	15°26	14°54	1°29	25° 2	21°35	29°56	27°28	28°34	10°54	n.a.	F 26
S 27	0 12 17	3°15'08	0♋41	16°45	24°15	15°43	15° 5	1°34	25° 1	21°34	29°58	27°R29	28°31	11° 0	n.a.	S 27
S 28	0 16 13	4°16'33	14°52	18°13	25°28	16° 0	15°16	1°38	24°59	21°33	0♍ 1	27°28	28°28	11° 7	n.a.	S 28
M29	0 20 10	5°17'58	29° 6	19°41	26°41	16°16	15°27	1°43	24°58	21°32	0° 3	27°27	28°25	11°14	n.a.	M29
T 30	0 24 7	6°19'22	13♌20	21°10	27°54	16°32	15°37	1°47	24°57	21°31	0° 5	27°24	28°22	11°21	n.a.	T 30
W31	0 28 3	7♎20'47	27♌31	22♍40	29♌ 7	16♊47	15♌48	1♌51	24♉55	21♉30	0♍ 7	27♈22	28♈18	11♑27	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	9n19	27n44	5n 1	16n44	1n54	22n54	0n51	23n 6	1n 9	19n38	1n25	22n53	2n 3	19n46	0n 9	18n10	0s36	25n41	14n34	11n18	11n45	28s38			n.a.
T 2	8 56	24 53	5 5	16 57	2 4	22 45	0 55	23 12	1 10	19 34	1 26	22 52	2 3	19 46	0 9	18 10	0 36	25 40	14 34	11 16	11 44	28 38			n.a.
W 3	8 32	20 24	4 48	17 4	2 12	22 36	0 58	23 18	1 12	19 31	1 26	22 51	2 3	19 46	0 9	18 10	0 36	25 39	14 34	11 13	11 43	28 38			n.a.
T 4	8 8	14 45	4 13	17 7	2 18	22 25	1 2	23 24	1 13	19 27	1 26	22 50	2 4	19 46	0 9	18 10	0 36	25 38	14 34	11 10	11 42	28 38			n.a.
F 5	7 45	8 23	3 23	17 5	2 23	22 14	1 5	23 30	1 15	19 24	1 26	22 49	2 4	19 46	0 9	18 10	0 36	25 37	14 34	11 7	11 40	28 37			n.a.
S 6	7 21	1 45	2 21	16 58	2 27	22 2	1 8	23 35	1 17	19 20	1 26	22 47	2 4	19 46	0 9	18 9	0 36	25 36	14 34	11 5	11 39	28 37			n.a.
S 7	6 57	4s48	1 12	16 48	2 29	21 50	1 11	23 41	1 18	19 17	1 26	22 46	2 4	19 46	0 9	18 9	0 36	25 35	14 34	11 4	11 38	28 37			n.a.
M 8	6 32	10 57	0 1	16 35	2 30	21 37	1 14	23 46	1 20	19 14	1 26	22 45	2 4	19 46	0 9	18 9	0 36	25 34	14 34	11 4	11 37	28 37			n.a.
T 9	6 8	16 28	1s 7	16 18	2 31	21 23	1 17	23 52	1 21	19 10	1 26	22 44	2 4	19 46	0 9	18 9	0 36	25 34	14 34	11 4	11 36	28 37			n.a.
W10	5 44	21 10	2 11	15 59	2 30	21 9	1 20	23 57	1 23	19 7	1 27	22 43	2 5	19 46	0 9	18 9	0 36	25 33	14 34	11 4	11 35	28 37			n.a.
T 11	5 19	24 51	3 8	15 37	2 28	20 54	1 23	24 2	1 25	19 4	1 27	22 42	2 5	19 46	0 9	18 9	0 36	25 32	14 34	11 5	11 34	28 36			n.a.
F 12	4 55	27 23	3 55	15 12	2 26	20 38	1 26	24 7	1 27	19 0	1 27	22 41	2 5	19 46	0 9	18 9	0 36	25 31	14 34	11 5	11 32	28 36			n.a.
S 13	4 30	28 39	4 32	14 46	2 23	20 22	1 28	24 12	1 28	18 57	1 27	22 40	2 5	19 46	0 9	18 9	0 36	25 30	14 34	11 5	11 31	28 36			n.a.
S 14	4 5	28 35	4 57	14 18	2 20	20 5	1 30	24 17	1 30	18 54	1 27	22 39	2 5	19 46	0 9	18 8	0 36	25 30	14 34	11 4	11 30	28 36			n.a.
M15	3 40	27 12	5 9	13 48	2 16	19 47	1 33	24 22	1 32	18 50	1 27	22 38	2 6	19 45	0 9	18 8	0 36	25 29	14 34	11 3	11 29	28 36			n.a.
T 16	3 16	24 34	5 8	13 16	2 11	19 29	1 35	24 26	1 34	18 47	1 27	22 37	2 6	19 45	0 9	18 8	0 36	25 28	14 35	11 0	11 28	28 35			n.a.
W17	2 51	20 48	4 53	12 43	2 6	19 11	1 37	24 31	1 35	18 44	1 28	22 36	2 6	19 45	0 9	18 8	0 36	25 27	14 35	10 58	11 27	28 35			n.a.
T 18	2 26	16 5	4 24	12 9	2 1	18 51	1 39	24 36	1 37	18 40	1 28	22 35	2 6	19 45	0 9	18 8	0 36	25 27	14 35	10 56	11 25	28 35			n.a.
F 19	2 1	10 37	3 42	11 34	1 56	18 32	1 41	24 40	1 39	18 37	1 28	22 34	2 6	19 45	0 9	18 8	0 36	25 26	14 35	10 54	11 24	28 35			n.a.
S 20	1 36	4 35	2 48	10 58	1 50	18 11	1 43	24 45	1 41	18 34	1 28	22 33	2 7	19 45	0 9	18 7	0 36	25 25	14 35	10 52	11 23	28 34			n.a.
S 21	1 11	1n45	1 43	10 21	1 44	17 50	1 44	24 49	1 43	18 30	1 28	22 32	2 7	19 44	0 9	18 7	0 36	25 24	14 35	10 51	11 22	28 34			n.a.
M22	0 46	8 7	0 32	9 43	1 38	17 29	1 46	24 53	1 45	18 27	1 28	22 31	2 7	19 44	0 9	18 7	0 36	25 24	14 36	10 50	11 21	28 34			n.a.
T 23	0 21	14 13	0n42	9 4	1 32	17 7	1 48	24 58	1 47	18 24	1 29	22 31	2 7	19 44	0 9	18 7	0 36	25 23	14 36	10 50	11 20	28 33			n.a.
W24	0s 4	19 43	1 54	8 25	1 26	16 45	1 49	25 2	1 49	18 21	1 29	22 30	2 7	19 44	0 10	18 6	0 36	25 22	14 36	10 51	11 18	28 33			n.a.
T 25	0 30	24 14	3 1	7 45	1 19	16 22	1 50	25 6	1 51	18 18	1 29	22 29	2 8	19 43	0 10	18 6	0 36	25 22	14 36	10 51	11 17	28 33			n.a.
F 26	0 55	27 22	3 58	7 4	1 12	15 58	1 51	25 10	1 53	18 14	1 29	22 28	2 8	19 43	0 10	18 6	0 36	25 21	14 36	10 52	11 16	28 32			n.a.
S 27	1 20	28 48	4 41	6 23	1 6	15 34	1 53	25 14	1 55	18 11	1 29	22 27	2 8	19 43	0 10	18 6	0 36	25 21	14 36	10 52	11 15	28 32			n.a.
S 28	1 45	28 20	5 7	5 41	0 59	15 10	1 54	25 18	1 57	18 8	1 29	22 26	2 8	19 42	0 10	18 5	0 36	25 20	14 37	10 52	11 14	28 32			n.a.
M29	2 10	26 2	5 14	4 59	0 52	14 45	1 54	25 22	1 59	18 5	1 30	22 26	2 9	19 42	0 10	18 5	0 36	25 19	14 37	10 51	11 13	28 31			n.a.
T 30	2 35	22 6	5 2	4 17	0 45	14 20	1 55	25 25	2 1	18 2	1 30	22 25	2 9	19 42	0 10	18 5	0 36	25 19	14 37	10 50	11 12	28 31			n.a.
W31	3s 0	16n55	4n32	3n35	0n39	13n54	1n56	25n29	2n 3	17n59	1n30	22n24	2n 9	19n41	0n10	18n 5	0s36	25n18	14n37	10n49	11n10	28s31			n.a.

Julian Day Number = 196412.5, Delta T = 32h18m23s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°26'01, Lahiri = -61°19'01 Julian Calendar 1 Oct. 4176 BCE == Greg. Calendar 29 Aug. 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

NOVEMBER 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 32 0	8♎22'11	11♍35	24♍10	0♍21	17♊ 2	15♌58	1♌55	24°R54	21°R29	0♍ 9	27°R19	28♈15	11♉34	n.a.	T 1
F 2	0 35 56	9°23'34	25°28	25°40	1°34	17°16	16° 9	1°59	24♉52	21♉28	0°11	27♈16	28°12	11°41	n.a.	F 2
S 3	0 39 53	10°24'58	9♎ 7	27°11	2°47	17°30	16°19	2° 3	24°51	21°27	0°13	27°15	28° 9	11°47	n.a.	S 3
S 4	0 43 50	11°26'21	22°28	28°43	4° 0	17°43	16°29	2° 7	24°49	21°26	0°15	27°D14	28° 6	11°54	n.a.	S 4
M 5	0 47 46	12°27'43	5♏31	0♎14	5°14	17°56	16°40	2°11	24°47	21°24	0°17	27°14	28° 3	12° 1	n.a.	M 5
T 6	0 51 43	13°29'05	18°15	1°46	6°27	18° 8	16°50	2°14	24°45	21°23	0°19	27°15	27°59	12° 8	n.a.	T 6
W 7	0 55 39	14°30'26	0♐42	3°19	7°41	18°20	17° 0	2°18	24°44	21°22	0°21	27°16	27°56	12°14	n.a.	W 7
T 8	0 59 36	15°31'46	12°55	4°52	8°54	18°31	17° 9	2°21	24°42	21°21	0°22	27°17	27°53	12°21	n.a.	T 8
F 9	1 3 32	16°33'05	24°56	6°25	10° 8	18°41	17°19	2°25	24°40	21°19	0°24	27°18	27°50	12°28	n.a.	F 9
S 10	1 7 29	17°34'23	6♑50	7°59	11°21	18°51	17°29	2°28	24°38	21°18	0°26	27°19	27°47	12°34	n.a.	S 10
S 11	1 11 26	18°35'41	18°42	9°33	12°35	19° 1	17°38	2°31	24°36	21°17	0°28	27°R19	27°44	12°41	n.a.	S 11
M12	1 15 22	19°36'57	0♒37	11° 8	13°48	19° 9	17°48	2°34	24°34	21°15	0°30	27°19	27°40	12°48	n.a.	M12
T 13	1 19 19	20°38'11	12°38	12°43	15° 2	19°17	17°57	2°37	24°32	21°14	0°32	27°18	27°37	12°55	n.a.	T 13
W14	1 23 15	21°39'25	24°51	14°19	16°16	19°25	18° 6	2°40	24°30	21°12	0°33	27°18	27°34	13° 1	n.a.	W14
T 15	1 27 12	22°40'37	7♓20	15°55	17°29	19°32	18°15	2°43	24°28	21°11	0°35	27°17	27°31	13° 8	n.a.	T 15
F 16	1 31 8	23°41'49	20° 6	17°32	18°43	19°38	18°24	2°46	24°26	21°10	0°37	27°16	27°28	13°15	n.a.	F 16
S 17	1 35 5	24°42'58	3♈12	19° 9	19°57	19°43	18°33	2°49	24°24	21° 8	0°38	27°16	27°24	13°21	n.a.	S 17
S 18	1 39 2	25°44'07	16°38	20°47	21°10	19°48	18°41	2°51	24°22	21° 7	0°40	27°16	27°21	13°28	n.a.	S 18
M19	1 42 58	26°45'15	0♉23	22°25	22°24	19°52	18°50	2°54	24°20	21° 5	0°42	27°16	27°18	13°35	n.a.	M19
T 20	1 46 55	27°46'21	14°23	24° 4	23°38	19°56	18°58	2°56	24°17	21° 4	0°43	27°16	27°15	13°42	n.a.	T 20
W21	1 50 51	28°47'27	28°36	25°43	24°52	19°59	19° 7	2°59	24°15	21° 2	0°45	27°16	27°12	13°48	n.a.	W21
T 22	1 54 48	29°48'32	12♊55	27°23	26° 5	20° 1	19°15	3° 1	24°13	21° 1	0°46	27°16	27° 9	13°55	n.a.	T 22
F 23	1 58 44	0♏49'35	27°18	29° 4	27°19	20° 2	19°23	3° 3	24°10	20°59	0°48	27°15	27° 5	14° 2	n.a.	F 23
S 24	2 2 41	1°50'38	11♋39	0♏45	28°33	20°R 3	19°31	3° 5	24° 8	20°57	0°49	27°15	27° 2	14° 9	n.a.	S 24
S 25	2 6 38	2°51'39	25°55	2°27	29°47	20° 3	19°38	3° 7	24° 6	20°56	0°50	27°15	26°59	14°15	n.a.	S 25
M26	2 10 34	3°52'39	10♌ 4	4°10	1♎ 1	20° 2	19°46	3° 9	24° 3	20°54	0°52	27°D15	26°56	14°22	n.a.	M26
T 27	2 14 31	4°53'39	24° 2	5°53	2°15	20° 0	19°54	3°10	24° 1	20°53	0°53	27°15	26°53	14°29	n.a.	T 27
W28	2 18 27	5°54'37	7♍50	7°37	3°29	19°58	20° 1	3°12	23°59	20°51	0°55	27°16	26°49	14°35	n.a.	W28
T 29	2 22 24	6°55'33	21°27	9°22	4°43	19°54	20° 8	3°14	23°56	20°50	0°56	27°16	26°46	14°42	n.a.	T 29
F 30	2 26 21	7♏56'29	4♎51	11♏ 7	5♎56	19♊50	20♌15	3♌15	23♉54	20♉48	0♍57	27♈17	26♈43	14♉49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s25	10n52	3n46	2n52	0n32	13n28	1n57	25n33	2n 6	17n56	1n30	22n23	2n 9	19n41	0n10	18n 4	0s36	25n18	14n38	10n48	11n 9	28s30		n.a.
F 2	3 49	4 23	2 46	2 9	0 25	13 2	1 57	25 37	2 8	17 53	1 30	22 23	2 10	19 41	0 10	18 4	0 36	25 17	14 38	10 47	11 8	28 30		n.a.
S 3	4 14	2 s13	1 38	1 25	0 18	12 35	1 57	25 40	2 10	17 50	1 31	22 22	2 10	19 40	0 10	18 4	0 36	25 17	14 38	10 47	11 7	28 30		n.a.
S 4	4 39	8 35	0 26	0 42	0 11	12 8	1 58	25 44	2 12	17 47	1 31	22 21	2 10	19 40	0 10	18 3	0 36	25 16	14 38	10 47	11 6	28 29		n.a.
M 5	5 3	14 27	0 s46	0 s 2	0 5	11 41	1 58	25 47	2 15	17 44	1 31	22 21	2 10	19 40	0 10	18 3	0 36	25 16	14 39	10 47	11 5	28 29		n.a.
T 6	5 28	19 34	1 54	0 45	0 s 2	11 13	1 58	25 51	2 17	17 41	1 31	22 20	2 11	19 39	0 10	18 3	0 36	25 15	14 39	10 47	11 3	28 28		n.a.
W 7	5 52	23 43	2 55	1 29	0 9	10 45	1 58	25 54	2 19	17 38	1 31	22 19	2 11	19 39	0 10	18 2	0 36	25 15	14 39	10 47	11 2	28 28		n.a.
T 8	6 17	26 44	3 46	2 13	0 15	10 16	1 58	25 57	2 22	17 35	1 32	22 19	2 11	19 38	0 10	18 2	0 36	25 14	14 39	10 48	11 1	28 28		n.a.
F 9	6 41	28 28	4 28	2 57	0 21	9 48	1 58	26 1	2 24	17 32	1 32	22 18	2 11	19 38	0 10	18 2	0 36	25 14	14 40	10 48	11 0	28 27		n.a.
S 10	7 5	28 52	4 57	3 41	0 28	9 19	1 58	26 4	2 27	17 29	1 32	22 18	2 12	19 37	0 10	18 1	0 36	25 13	14 40	10 48	10 59	28 27		n.a.
S 11	7 29	27 56	5 13	4 24	0 34	8 49	1 57	26 7	2 29	17 27	1 32	22 17	2 12	19 37	0 10	18 1	0 36	25 13	14 40	10 48	10 58	28 26		n.a.
M12	7 53	25 43	5 16	5 8	0 40	8 20	1 57	26 11	2 32	17 24	1 33	22 17	2 12	19 36	0 10	18 1	0 36	25 13	14 41	10 48	10 56	28 26		n.a.
T 13	8 17	22 21	5 5	5 52	0 46	7 50	1 56	26 14	2 34	17 21	1 33	22 16	2 12	19 36	0 10	18 0	0 36	25 12	14 41	10 48	10 55	28 25		n.a.
W14	8 40	18 0	4 41	6 35	0 52	7 20	1 56	26 17	2 37	17 18	1 33	22 16	2 13	19 35	0 10	18 0	0 36	25 12	14 41	10 48	10 54	28 25		n.a.
T 15	9 4	12 48	4 3	7 19	0 58	6 50	1 55	26 20	2 39	17 16	1 33	22 15	2 13	19 35	0 10	17 59	0 36	25 12	14 42	10 48	10 53	28 24		n.a.
F 16	9 27	6 57	3 12	8 2	1 3	6 20	1 54	26 23	2 42	17 13	1 33	22 15	2 13	19 34	0 10	17 59	0 36	25 11	14 42	10 47	10 52	28 24		n.a.
S 17	9 50	0 40	2 9	8 45	1 8	5 49	1 54	26 26	2 44	17 11	1 34	22 15	2 13	19 34	0 10	17 59	0 36	25 11	14 42	10 47	10 50	28 23		n.a.
S 18	10 13	5n49	0 59	9 28	1 13	5 19	1 53	26 29	2 47	17 8	1 34	22 14	2 14	19 33	0 10	17 58	0 36	25 11	14 43	10 47	10 49	28 23		n.a.
M19	10 36	12 12	0n17	10 10	1 18	4 48	1 52	26 32	2 50	17 5	1 34	22 14	2 14	19 33	0 10	17 58	0 36	25 10	14 43	10 47	10 48	28 22		n.a.
T 20	10 58	18 6	1 34	10 52	1 23	4 17	1 51	26 35	2 52	17 3	1 34	22 14	2 14	19 32	0 10	17 57	0 36	25 10	14 43	10 47	10 47	28 22		n.a.
W21	11 21	23 5	2 45	11 34	1 27	3 46	1 50	26 38	2 55	17 1	1 35	22 13	2 14	19 32	0 10	17 57	0 36	25 10	14 44	10 47	10 46	28 21		n.a.
T 22	11 43	26 44	3 47	12 15	1 32	3 15	1 48	26 41	2 58	16 58	1 35	22 13	2 15	19 31	0 10	17 57	0 36	25 10	14 44	10 47	10 45	28 21		n.a.
F 23	12 5	28 40	4 35	12 56	1 36	2 43	1 47	26 44	3 1	16 56	1 35	22 13	2 15	19 31	0 10	17 56	0 36	25 9	14 44	10 47	10 43	28 20		n.a.
S 24	12 27	28 39	5 5	13 36	1 39	2 12	1 46	26 47	3 3	16 53	1 35	22 13	2 15	19 30	0 10	17 56	0 36	25 9	14 45	10 47	10 42	28 20		n.a.
S 25	12 48	26 44	5 17	14 16	1 43	1 41	1 44	26 49	3 6	16 51	1 36	22 12	2 15	19 29	0 10	17 55	0 36	25 9	14 45	10 47	10 41	28 19		n.a.
M26	13 10	23 10	5 9	14 55	1 46	1 9	1 43	26 52	3 9	16 49	1 36	22 12	2 16	19 29	0 10	17 55	0 36	25 9	14 46	10 47	10 40	28 19		n.a.
T 27	13 31	18 19	4 43	15 33	1 48	0 37	1 41	26 55	3 12	16 47	1 36	22 12	2 16	19 28	0 10	17 55	0 36	25 9	14 46	10 47	10 39	28 18		n.a.
W28	13 52	12 34	4 1	16 11	1 51	0 6	1 40	26 57	3 15	16 45	1 37	22 12	2 16	19 28	0 10	17 54	0 36	25 8	14 46	10 47	10 38	28 17		n.a.
T 29	14 13	6 19	3 6	16 48	1 53	0 s26	1 38	27 0	3 17	16 43	1 37	22 12	2 17	19 27	0 10	17 54	0 36	25 8	14 47	10 48	10 36	28 17		n.a.
F 30	14 s33	0 s 8	2n 1	17 s23	1 s54	0 s57	1n36	27n 2	3n20	16n40	1n37	22n12	2n17	19n26	0n10	17n53	0 s36	25n 8	14n47	10n48	10n35	28 s16		n.a.

Julian Day Number = 196443.5, Delta T = 32h18m20s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'57, Lahiri = -61°18'57 Julian Calendar 1 Nov. 4176 BCE == Greg. Calendar 29 Sept. 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4176 BCE
geocentric

DECEMBER 4176 BCE (-4175) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 30 17	8♏57'23	18♎ 3	12♏53	7♎10	19°R46	20♌22	3♌16	23°R51	20°R46	0♍58	27♈18	26♈40	14♉56	n.a.	S 1
S 2	2 34 14	9°58'16	1♏ 1	14°39	8°24	19♊40	20°29	3°18	23♉49	20♉45	1° 0	27°R18	26°37	15° 2	n.a.	S 2
M 3	2 38 10	10°59'07	13°47	16°26	9°38	19°34	20°36	3°19	23°46	20°43	1° 1	27°18	26°34	15° 9	n.a.	M 3
T 4	2 42 7	11°59'57	26°19	18°14	10°52	19°26	20°42	3°20	23°44	20°41	1° 2	27°16	26°30	15°16	n.a.	T 4
W 5	2 46 3	13° 0'44	8♐39	20° 2	12° 6	19°18	20°48	3°21	23°41	20°40	1° 3	27°14	26°27	15°22	n.a.	W 5
T 6	2 50 0	14° 1'31	20°48	21°50	13°20	19°10	20°54	3°21	23°38	20°38	1° 4	27°11	26°24	15°29	n.a.	T 6
F 7	2 53 57	15° 2'15	2♑49	23°38	14°34	19° 0	21° 0	3°22	23°36	20°36	1° 5	27° 9	26°21	15°36	n.a.	F 7
S 8	2 57 53	16° 2'57	14°43	25°26	15°48	18°50	21° 6	3°23	23°33	20°35	1° 6	27° 6	26°18	15°43	n.a.	S 8
S 9	3 1 50	17° 3'38	26°35	27°15	17° 2	18°39	21°12	3°23	23°31	20°33	1° 7	27° 4	26°15	15°49	n.a.	S 9
M10	3 5 46	18° 4'16	8♒28	29° 3	18°16	18°27	21°18	3°24	23°28	20°31	1° 8	27° 2	26°11	15°56	n.a.	M10
T 11	3 9 43	19° 4'52	20°27	0♐50	19°29	18°14	21°23	3°24	23°25	20°30	1° 9	27°D 2	26° 8	16° 3	n.a.	T 11
W12	3 13 39	20° 5'26	2♓37	2°37	20°43	18° 1	21°28	3°24	23°23	20°28	1°10	27° 2	26° 5	16°10	n.a.	W12
T 13	3 17 36	21° 5'58	15° 3	4°22	21°57	17°47	21°33	3°24	23°20	20°26	1°11	27° 4	26° 2	16°16	n.a.	T 13
F 14	3 21 32	22° 6'28	27°49	6° 6	23°11	17°32	21°38	3°R24	23°18	20°25	1°11	27° 5	25°59	16°23	n.a.	F 14
S 15	3 25 29	23° 6'55	10♈57	7°49	24°25	17°16	21°43	3°24	23°15	20°23	1°12	27° 7	25°55	16°30	n.a.	S 15
S 16	3 29 26	24° 7'21	24°31	9°29	25°39	17° 0	21°47	3°24	23°12	20°21	1°13	27°R 8	25°52	16°36	n.a.	S 16
M17	3 33 22	25° 7'44	8♉30	11° 6	26°53	16°43	21°52	3°24	23°10	20°19	1°14	27° 7	25°49	16°43	n.a.	M17
T 18	3 37 19	26° 8'05	22°51	12°39	28° 7	16°26	21°56	3°23	23° 7	20°18	1°14	27° 5	25°46	16°50	n.a.	T 18
W19	3 41 15	27° 8'25	7♊30	14° 9	29°20	16° 7	22° 0	3°23	23° 5	20°16	1°15	27° 2	25°43	16°57	n.a.	W19
T 20	3 45 12	28° 8'42	22°19	15°34	0♏34	15°49	22° 4	3°22	23° 2	20°14	1°15	26°58	25°40	17° 3	n.a.	T 20
F 21	3 49 8	29° 8'58	7♋11	16°54	1°48	15°29	22° 7	3°22	22°59	20°13	1°16	26°53	25°36	17°10	n.a.	F 21
S 22	3 53 5	0♐ 9'12	21°57	18° 8	3° 2	15° 9	22°11	3°21	22°57	20°11	1°17	26°48	25°33	17°17	n.a.	S 22
S 23	3 57 2	1° 9'23	6♌31	19°16	4°16	14°49	22°14	3°20	22°54	20° 9	1°17	26°45	25°30	17°23	n.a.	S 23
M24	4 0 58	2° 9'33	20°48	20°16	5°30	14°28	22°18	3°19	22°52	20° 8	1°17	26°43	25°27	17°30	n.a.	M24
T 25	4 4 55	3° 9'41	4♍46	21° 9	6°43	14° 7	22°20	3°18	22°49	20° 6	1°18	26°D42	25°24	17°37	n.a.	T 25
W26	4 8 51	4° 9'48	18°24	21°54	7°57	13°45	22°23	3°17	22°46	20° 5	1°18	26°43	25°21	17°44	n.a.	W26
T 27	4 12 48	5° 9'52	1♎44	22°29	9°11	13°23	22°26	3°15	22°44	20° 3	1°19	26°44	25°17	17°50	n.a.	T 27
F 28	4 16 44	6° 9'55	14°48	22°56	10°25	13° 1	22°28	3°14	22°41	20° 1	1°19	26°46	25°14	17°57	n.a.	F 28
S 29	4 20 41	7° 9'55	27°37	23°14	11°39	12°38	22°31	3°13	22°39	20° 0	1°19	26°R46	25°11	18° 4	n.a.	S 29
S 30	4 24 37	8° 9'54	10♏15	23°R22	12°52	12°15	22°33	3°11	22°36	19°58	1°19	26°45	25° 8	18°11	n.a.	S 30
M31	4 28 34	9♐ 9'50	22♏41	23♐20	14♏ 6	11♊52	22♌35	3♌ 9	22♉34	19♉57	1♍20	26♈42	25♈ 5	18♉17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s53	6s29	0n51	17s58	1s55	1s29	1n35	27n 5	3n23	16n38	1n37	22n12	2n17	19n26	0n10	17n53	0s36	25n 8	14n48	10n48	10n34	28s16		n.a.
S 2	15 13	12 29	0s21	18 32	1 56	2 1	1 33	27 7	3 26	16 36	1 38	22 12	2 17	19 25	0 10	17 52	0 36	25 8	14 48	10 48	10 33	28 15		n.a.
M 3	15 33	17 51	1 30	19 4	1 56	2 32	1 31	27 10	3 29	16 35	1 38	22 12	2 18	19 25	0 10	17 52	0 36	25 8	14 48	10 48	10 32	28 14		n.a.
T 4	15 52	22 21	2 33	19 35	1 56	3 4	1 29	27 12	3 31	16 33	1 38	22 12	2 18	19 24	0 10	17 52	0 36	25 8	14 49	10 47	10 30	28 14		n.a.
W 5	16 11	25 48	3 29	20 5	1 55	3 35	1 27	27 14	3 34	16 31	1 39	22 12	2 18	19 23	0 10	17 51	0 36	25 8	14 49	10 47	10 29	28 13		n.a.
T 6	16 30	28 0	4 14	20 33	1 53	4 7	1 25	27 16	3 37	16 29	1 39	22 12	2 19	19 23	0 10	17 51	0 36	25 8	14 50	10 46	10 28	28 12		n.a.
F 7	16 48	28 52	4 47	21 0	1 51	4 38	1 23	27 18	3 40	16 27	1 39	22 12	2 19	19 22	0 10	17 50	0 36	25 8	14 50	10 45	10 27	28 12		n.a.
S 8	17 6	28 22	5 7	21 25	1 48	5 9	1 21	27 20	3 43	16 26	1 39	22 12	2 19	19 21	0 10	17 50	0 36	25 8	14 51	10 44	10 26	28 11		n.a.
S 9	17 24	26 34	5 15	21 48	1 45	5 40	1 18	27 22	3 45	16 24	1 40	22 12	2 19	19 21	0 10	17 49	0 36	25 8	14 51	10 43	10 25	28 10		n.a.
M10	17 42	23 36	5 8	22 9	1 41	6 11	1 16	27 23	3 48	16 23	1 40	22 12	2 20	19 20	0 10	17 49	0 36	25 8	14 51	10 42	10 23	28 10		n.a.
T 11	17 59	19 37	4 49	22 28	1 36	6 42	1 14	27 25	3 51	16 21	1 40	22 12	2 20	19 19	0 10	17 48	0 36	25 8	14 52	10 42	10 22	28 9		n.a.
W12	18 16	14 47	4 16	22 45	1 30	7 13	1 12	27 26	3 54	16 20	1 41	22 13	2 20	19 19	0 10	17 48	0 36	25 8	14 52	10 42	10 21	28 8		n.a.
T 13	18 32	9 16	3 31	22 59	1 24	7 43	1 9	27 27	3 56	16 18	1 41	22 13	2 20	19 18	0 10	17 48	0 35	25 8	14 53	10 43	10 20	28 7		n.a.
F 14	18 49	3 14	2 34	23 11	1 16	8 14	1 7	27 29	3 59	16 17	1 41	22 13	2 21	19 17	0 10	17 47	0 35	25 8	14 53	10 43	10 19	28 7		n.a.
S 15	19 4	3n 7	1 28	23 21	1 8	8 44	1 4	27 30	4 2	16 16	1 41	22 13	2 21	19 17	0 10	17 47	0 35	25 8	14 54	10 44	10 17	28 6		n.a.
S 16	19 20	9 32	0 14	23 28	0 59	9 14	1 2	27 30	4 4	16 14	1 42	22 14	2 21	19 16	0 10	17 46	0 35	25 8	14 54	10 44	10 16	28 5		n.a.
M17	19 35	15 42	1n 2	23 33	0 49	9 43	1 0	27 31	4 7	16 13	1 42	22 14	2 22	19 15	0 10	17 46	0 35	25 9	14 54	10 44	10 15	28 5		n.a.
T 18	19 50	21 12	2 16	23 35	0 38	10 13	0 57	27 32	4 9	16 12	1 42	22 14	2 22	19 15	0 10	17 45	0 35	25 9	14 55	10 43	10 14	28 4		n.a.
W19	20 4	25 31	3 23	23 35	0 27	10 42	0 55	27 32	4 11	16 11	1 43	22 15	2 22	19 14	0 10	17 45	0 35	25 9	14 55	10 42	10 13	28 3		n.a.
T 20	20 18	28 9	4 17	23 33	0 14	11 11	0 52	27 32	4 14	16 10	1 43	22 15	2 22	19 13	0 10	17 44	0 35	25 9	14 56	10 41	10 11	28 2		n.a.
F 21	20 32	28 48	4 53	23 28	0 1	11 40	0 49	27 32	4 16	16 9	1 43	22 16	2 23	19 13	0 10	17 44	0 35	25 9	14 56	10 39	10 10	28 1		n.a.
S 22	20 45	27 22	5 10	23 21	0n13	12 8	0 47	27 32	4 18	16 8	1 44	22 16	2 23	19 12	0 10	17 44	0 35	25 9	14 57	10 37	10 9	28 1		n.a.
S 23	20 58	24 7	5 7	23 12	0 28	12 36	0 44	27 32	4 20	16 7	1 44	22 17	2 23	19 11	0 10	17 43	0 35	25 10	14 57	10 36	10 8	28 0		n.a.
M24	21 11	19 26	4 44	23 1	0 44	13 4	0 42	27 31	4 22	16 7	1 44	22 17	2 23	19 11	0 10	17 43	0 35	25 10	14 58	10 35	10 7	27 59		n.a.
T 25	21 23	13 49	4 6	22 49	1 0	13 32	0 39	27 30	4 24	16 6	1 45	22 18	2 24	19 10	0 10	17 42	0 35	25 10	14 58	10 35	10 6	27 58		n.a.
W26	21 34	7 40	3 13	22 36	1 16	13 59	0 36	27 30	4 26	16 5	1 45	22 18	2 24	19 9	0 10	17 42	0 35	25 10	14 59	10 35	10 4	27 57		n.a.
T 27	21 46	1 18	2 12	22 21	1 33	14 26	0 34	27 28	4 28	16 5	1 45	22 19	2 24	19 9	0 10	17 41	0 35	25 11	14 59	10 36	10 3	27 57		n.a.
F 28	21 57	5s 0	1 5	22 6	1 49	14 52	0 31	27 27	4 29	16 4	1 46	22 19	2 25	19 8	0 11	17 41	0 35	25 11	14 59	10 36	10 2	27 56		n.a.
S 29	22 7	11 0	0s 5	21 51	2 6	15 18	0 28	27 25	4 31	16 4	1 46	22 20	2 25	19 7	0 11	17 41	0 35	25 11	15 0	10 36	10 1	27 55		n.a.
S 30	22 17	16 27	1 12	21 35	2 22	15 44	0 26	27 24	4 32	16 3	1 46	22 21	2 25	19 7	0 11	17 40	0 35	25 12	15 0	10 36	10 0	27 54		n.a.
M31	22s27	21s 9	2s16	21s19	2n38	16s 9	0n23	27n22	4n34	16n 3	1n46	22n21	2n25	19n 6	0n11	17n40	0s35	25n12	15n 1	10n35	9n58	27s53		n.a.

Julian Day Number = 196473.5, Delta T = 32h18m17s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'53, Lahiri = -61°18'53 Julian Calendar 1 Dec. 4176 BCE == Greg. Calendar 29 Oct. 4176 BCE

The year -4175 astronomical counting style corresponds to year 4176 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

JANUARY 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 32 31	10♐ 9'45	4♐59	23°R10	15♏20	11°R28	22♌36	3°R 8	22°R31	19°R55	1♍20	26°R37	25♈ 1	18♉24	n.a.	T 1
W 2	4 36 27	11° 9'37	17° 8	22♐50	16°34	11♊ 5	22°38	3♌ 6	22♉29	19♉53	1°20	26♈30	24°58	18°31	n.a.	W 2
T 3	4 40 24	12° 9'27	29°10	22°22	17°48	10°41	22°39	3° 4	22°26	19°52	1°20	26°22	24°55	18°37	n.a.	T 3
F 4	4 44 20	13° 9'15	11♉ 7	21°47	19° 1	10°18	22°40	3° 2	22°24	19°50	1°20	26°12	24°52	18°44	n.a.	F 4
S 5	4 48 17	14° 9'00	23° 0	21° 5	20°15	9°54	22°41	3° 0	22°22	19°49	1°R20	26° 3	24°49	18°51	n.a.	S 5
S 6	4 52 13	15° 8'43	4♒51	20°17	21°29	9°31	22°42	2°58	22°19	19°47	1°20	25°55	24°46	18°58	n.a.	S 6
M 7	4 56 10	16° 8'24	16°44	19°24	22°43	9° 7	22°42	2°55	22°17	19°46	1°20	25°49	24°42	19° 4	n.a.	M 7
T 8	5 0 6	17° 8'02	28°41	18°29	23°56	8°44	22°43	2°53	22°15	19°44	1°20	25°45	24°39	19°11	n.a.	T 8
W 9	5 4 3	18° 7'37	10♓48	17°31	25°10	8°21	22°R43	2°50	22°12	19°43	1°20	25°43	24°36	19°18	n.a.	W 9
T 10	5 7 59	19° 7'10	23°10	16°33	26°24	7°59	22°43	2°48	22°10	19°42	1°20	25°D42	24°33	19°25	n.a.	T 10
F 11	5 11 56	20° 6'40	5♈50	15°36	27°37	7°36	22°43	2°45	22° 8	19°40	1°19	25°43	24°30	19°31	n.a.	F 11
S 12	5 15 53	21° 6'07	18°53	14°40	28°51	7°14	22°42	2°43	22° 6	19°39	1°19	25°R44	24°27	19°38	n.a.	S 12
S 13	5 19 49	22° 5'33	2♉24	13°47	0♐ 5	6°53	22°42	2°40	22° 4	19°37	1°19	25°44	24°23	19°45	n.a.	S 13
M14	5 23 46	23° 4'55	16°24	12°58	1°18	6°32	22°41	2°37	22° 1	19°36	1°19	25°42	24°20	19°51	n.a.	M14
T 15	5 27 42	24° 4'15	0♊51	12°14	2°32	6°11	22°40	2°34	21°59	19°35	1°18	25°38	24°17	19°58	n.a.	T 15
W16	5 31 39	25° 3'33	15°43	11°34	3°46	5°51	22°39	2°31	21°57	19°33	1°18	25°32	24°14	20° 5	n.a.	W16
T 17	5 35 35	26° 2'49	0♋50	11° 0	4°59	5°31	22°38	2°28	21°55	19°32	1°18	25°23	24°11	20°12	n.a.	T 17
F 18	5 39 32	27° 2'02	16° 4	10°32	6°13	5°12	22°36	2°25	21°53	19°31	1°17	25°14	24° 7	20°18	n.a.	F 18
S 19	5 43 28	28° 1'13	1♌14	10°10	7°26	4°53	22°34	2°22	21°51	19°30	1°17	25° 5	24° 4	20°25	n.a.	S 19
S 20	5 47 25	29° 0'22	16° 9	9°54	8°40	4°35	22°33	2°18	21°49	19°28	1°16	24°57	24° 1	20°32	n.a.	S 20
M21	5 51 21	29°59'28	0♍42	9°44	9°54	4°18	22°31	2°15	21°47	19°27	1°16	24°51	23°58	20°39	n.a.	M21
T 22	5 55 18	0♉58'33	14°50	9°D40	11° 7	4° 1	22°28	2°12	21°46	19°26	1°15	24°48	23°55	20°45	n.a.	T 22
W23	5 59 14	1°57'36	28°31	9°41	12°21	3°45	22°26	2° 8	21°44	19°25	1°15	24°D47	23°52	20°52	n.a.	W23
T 24	6 3 11	2°56'36	11♎48	9°48	13°34	3°30	22°23	2° 5	21°42	19°24	1°14	24°47	23°48	20°59	n.a.	T 24
F 25	6 7 8	3°55'35	24°43	10° 1	14°48	3°15	22°21	2° 1	21°40	19°23	1°13	24°R48	23°45	21° 5	n.a.	F 25
S 26	6 11 4	4°54'32	7♏21	10°19	16° 2	3° 1	22°18	1°57	21°38	19°22	1°13	24°47	23°42	21°12	n.a.	S 26
S 27	6 15 1	5°53'26	19°45	10°41	17°15	2°48	22°14	1°54	21°37	19°20	1°12	24°44	23°39	21°19	n.a.	S 27
M28	6 18 57	6°52'19	1♐58	11° 8	18°29	2°36	22°11	1°50	21°35	19°19	1°11	24°39	23°36	21°26	n.a.	M28
T 29	6 22 54	7°51'10	14° 3	11°40	19°42	2°24	22° 8	1°46	21°34	19°18	1°10	24°31	23°33	21°32	n.a.	T 29
W30	6 26 50	8°49'58	26° 3	12°16	20°56	2°13	22° 4	1°42	21°32	19°17	1°10	24°20	23°29	21°39	n.a.	W30
T 31	6 30 47	9♉48'45	7♉58	12♐55	22♐10	2♊ 3	22♌ 0	1♌38	21♉31	19♉17	1♍ 9	24♈ 7	23♈26	21♉46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	22s36	24s52	3s11	21s 3	2n53	16s34	0n20	27n20	4n35	16n 3	1n47	22n22	2n26	19n 5	0n11	17n39	0s35	25n12	15n 1	10n33	9n57	27s52			n.a.
W 2	22 45	27 25	3 58	20 48	3 7	16 59	0 18	27 17	4 36	16 2	1 47	22 23	2 26	19 5	0 11	17 39	0 35	25 13	15 2	10 30	9 56	27 51			n.a.
T 3	22 53	28 40	4 33	20 34	3 20	17 23	0 15	27 15	4 37	16 2	1 47	22 23	2 26	19 4	0 11	17 38	0 35	25 13	15 2	10 27	9 55	27 51			n.a.
F 4	23 1	28 33	4 56	20 20	3 32	17 46	0 12	27 12	4 38	16 2	1 48	22 24	2 26	19 4	0 11	17 38	0 35	25 14	15 3	10 24	9 54	27 50			n.a.
S 5	23 9	27 7	5 6	20 7	3 42	18 9	0 10	27 9	4 39	16 2	1 48	22 25	2 27	19 3	0 11	17 38	0 35	25 14	15 3	10 20	9 52	27 49			n.a.
S 6	23 16	24 28	5 3	19 56	3 50	18 32	0 7	27 6	4 39	16 2	1 48	22 26	2 27	19 2	0 11	17 37	0 35	25 14	15 3	10 17	9 51	27 48			n.a.
M 7	23 22	20 48	4 47	19 45	3 56	18 54	0 5	27 3	4 40	16 2	1 49	22 26	2 27	19 2	0 11	17 37	0 35	25 15	15 4	10 15	9 50	27 47			n.a.
T 8	23 28	16 16	4 18	19 36	4 1	19 15	0 2	27 0	4 40	16 3	1 49	22 27	2 27	19 1	0 11	17 37	0 35	25 15	15 4	10 13	9 49	27 46			n.a.
W 9	23 34	11 3	3 37	19 29	4 3	19 36	0s 1	26 56	4 41	16 3	1 49	22 28	2 27	19 0	0 11	17 36	0 35	25 16	15 5	10 13	9 48	27 45			n.a.
T 10	23 39	5 19	2 45	19 23	4 4	19 57	0 3	26 53	4 41	16 3	1 50	22 29	2 28	19 0	0 11	17 36	0 35	25 16	15 5	10 13	9 46	27 44			n.a.
F 11	23 44	0n47	1 45	19 18	4 2	20 17	0 6	26 49	4 41	16 3	1 50	22 30	2 28	18 59	0 11	17 35	0 35	25 17	15 6	10 13	9 45	27 43			n.a.
S 12	23 48	7 2	0 37	19 16	3 58	20 36	0 8	26 45	4 41	16 4	1 50	22 30	2 28	18 59	0 11	17 35	0 35	25 17	15 6	10 13	9 44	27 42			n.a.
S 13	23 52	13 12	0n36	19 15	3 53	20 55	0 11	26 41	4 41	16 4	1 51	22 31	2 28	18 58	0 11	17 35	0 35	25 18	15 7	10 13	9 43	27 41			n.a.
M14	23 56	18 56	1 48	19 15	3 46	21 13	0 13	26 37	4 41	16 5	1 51	22 32	2 29	18 58	0 11	17 34	0 35	25 18	15 7	10 12	9 42	27 40			n.a.
T 15	23 59	23 46	2 56	19 18	3 38	21 31	0 16	26 33	4 41	16 6	1 51	22 33	2 29	18 57	0 11	17 34	0 35	25 19	15 7	10 11	9 40	27 39			n.a.
W16	24 1	27 12	3 54	19 22	3 29	21 48	0 18	26 29	4 40	16 6	1 52	22 34	2 29	18 57	0 11	17 34	0 35	25 19	15 8	10 8	9 39	27 38			n.a.
T 17	24 3	28 43	4 36	19 28	3 18	22 4	0 21	26 25	4 40	16 7	1 52	22 35	2 29	18 56	0 11	17 33	0 35	25 20	15 8	10 5	9 38	27 37			n.a.
F 18	24 5	28 4	4 59	19 35	3 7	22 20	0 23	26 20	4 39	16 8	1 52	22 36	2 29	18 55	0 11	17 33	0 35	25 20	15 9	10 2	9 37	27 36			n.a.
S 19	24 6	25 20	5 1	19 44	2 54	22 35	0 26	26 16	4 38	16 9	1 52	22 37	2 30	18 55	0 11	17 33	0 35	25 21	15 9	9 58	9 36	27 35			n.a.
S 20	24 7	20 56	4 43	19 54	2 42	22 50	0 28	26 12	4 38	16 9	1 53	22 38	2 30	18 54	0 11	17 32	0 35	25 21	15 9	9 55	9 34	27 34			n.a.
M21	24 7	15 21	4 6	20 5	2 29	23 4	0 30	26 8	4 37	16 10	1 53	22 39	2 30	18 54	0 11	17 32	0 35	25 22	15 10	9 53	9 33	27 33			n.a.
T 22	24 7	9 8	3 16	20 18	2 16	23 17	0 33	26 3	4 36	16 11	1 53	22 40	2 30	18 53	0 11	17 32	0 35	25 22	15 10	9 52	9 32	27 32			n.a.
W23	24 6	2 39	2 15	20 31	2 2	23 29	0 35	25 59	4 35	16 13	1 54	22 41	2 30	18 53	0 11	17 31	0 35	25 23	15 11	9 52	9 31	27 31			n.a.
T 24	24 5	3s45	1 8	20 45	1 49	23 41	0 37	25 55	4 34	16 14	1 54	22 42	2 31	18 52	0 11	17 31	0 35	25 24	15 11	9 52	9 30	27 30			n.a.
F 25	24 3	9 50	0 0	21 1	1 35	23 52	0 39	25 51	4 32	16 15	1 54	22 43	2 31	18 52	0 11	17 31	0 35	25 24	15 11	9 52	9 28	27 29			n.a.
S 26	24 1	15 23	1s 6	21 16	1 22	24 3	0 41	25 47	4 31	16 16	1 54	22 44	2 31	18 52	0 11	17 31	0 35	25 25	15 12	9 52	9 27	27 28			n.a.
S 27	23 59	20 13	2 8	21 33	1 9	24 13	0 44	25 43	4 30	16 18	1 55	22 45	2 31	18 51	0 11	17 30	0 34	25 25	15 12	9 51	9 26	27 27			n.a.
M28	23 56	24 8	3 3	21 49	0 56	24 22	0 46	25 39	4 29	16 19	1 55	22 46	2 31	18 51	0 11	17 30	0 34	25 26	15 13	9 49	9 25	27 26			n.a.
T 29	23 52	26 56	3 49	22 6	0 44	24 30	0 48	25 35	4 27	16 20	1 55	22 47	2 31	18 50	0 11	17 30	0 34	25 27	15 13	9 46	9 24	27 25			n.a.
W30	23 49	28 28	4 25	22 23	0 31	24 37	0 50	25 31	4 26	16 22	1 56	22 48	2 32	18 50	0 11	17 30	0 34	25 27	15 13	9 41	9 22	27 23			n.a.
T 31	23s44	28s40	4s48	22s40	0n19	24s44	0s52	25n28	4n24	16n23	1n56	22n49	2n32	18n49	0n11	17n29	0s34	25n28	15n14	9n37	9n21	27s22			n.a.

Julian Day Number = 196504.5, Delta T = 32h18m13s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'49, Lahiri = -61°18'49 Julian Calendar 1 Jan. 4175 BCE == Greg. Calendar 29 Nov. 4176 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

FEBRUARY 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 34 43	10♉47'29	19♉51	13♐39	23♐23	1°R54	21°R56	1°R34	21°R29	19°R16	1°R 8	23°R53	23♈23	21♉53	n.a.	F 1
S 2	6 38 40	11°46'10	1♒43	14°26	24°37	1♊46	21♌52	1♌30	21♉28	19♉15	1♍ 7	23♈39	23°20	21°59	n.a.	S 2
S 3	6 42 36	12°44'50	13°35	15°16	25°50	1°38	21°48	1°26	21°26	19°14	1° 6	23°26	23°17	22° 6	n.a.	S 3
M 4	6 46 33	13°43'27	25°30	16°10	27° 4	1°31	21°43	1°22	21°25	19°13	1° 5	23°16	23°13	22°13	n.a.	M 4
T 5	6 50 29	14°42'02	7♓29	17° 6	28°17	1°25	21°39	1°18	21°24	19°12	1° 4	23° 9	23°10	22°19	n.a.	T 5
W 6	6 54 26	15°40'34	19°37	18° 5	29°31	1°20	21°34	1°14	21°23	19°11	1° 3	23° 4	23° 7	22°26	n.a.	W 6
T 7	6 58 22	16°39'04	1♈56	19° 8	0♉44	1°16	21°29	1° 9	21°21	19°11	1° 2	23° 2	23° 4	22°33	n.a.	T 7
F 8	7 2 19	17°37'31	14°33	20°12	1°58	1°12	21°24	1° 5	21°20	19°10	1° 1	23° 1	23° 1	22°40	n.a.	F 8
S 9	7 6 16	18°35'57	27°31	21°20	3°11	1° 9	21°18	1° 1	21°19	19° 9	1° 0	23° 1	22°58	22°46	n.a.	S 9
S 10	7 10 12	19°34'19	10♉54	22°29	4°25	1° 7	21°13	0°57	21°18	19° 9	0°59	23° 0	22°54	22°53	n.a.	S 10
M11	7 14 9	20°32'40	24°46	23°41	5°39	1° 6	21° 8	0°52	21°17	19° 8	0°58	22°58	22°51	23° 0	n.a.	M11
T 12	7 18 5	21°30'58	9♊ 7	24°55	6°52	1°D 6	21° 2	0°48	21°16	19° 7	0°57	22°53	22°48	23° 7	n.a.	T 12
W13	7 22 2	22°29'14	23°55	26°12	8° 6	1° 6	20°56	0°44	21°15	19° 7	0°55	22°45	22°45	23°13	n.a.	W13
T 14	7 25 58	23°27'27	9♋ 4	27°30	9°19	1° 7	20°50	0°39	21°15	19° 6	0°54	22°36	22°42	23°20	n.a.	T 14
F 15	7 29 55	24°25'39	24°24	28°51	10°33	1° 9	20°44	0°35	21°14	19° 6	0°53	22°25	22°39	23°27	n.a.	F 15
S 16	7 33 51	25°23'49	9♌44	0♉14	11°46	1°11	20°38	0°30	21°13	19° 5	0°52	22°14	22°35	23°33	n.a.	S 16
S 17	7 37 48	26°21'56	24°52	1°38	13° 0	1°15	20°32	0°26	21°13	19° 5	0°50	22° 5	22°32	23°40	n.a.	S 17
M18	7 41 44	27°20'02	9♍39	3° 5	14°13	1°19	20°25	0°22	21°12	19° 4	0°49	21°58	22°29	23°47	n.a.	M18
T 19	7 45 41	28°18'06	23°59	4°33	15°27	1°23	20°19	0°17	21°11	19° 4	0°48	21°53	22°26	23°54	n.a.	T 19
W20	7 49 37	29°16'08	7♎49	6° 3	16°40	1°29	20°12	0°13	21°11	19° 4	0°47	21°51	22°23	24° 0	n.a.	W20
T 21	7 53 34	0♒14'08	21°11	7°35	17°54	1°35	20° 6	0° 8	21°10	19° 3	0°45	21°D51	22°19	24° 7	n.a.	T 21
F 22	7 57 30	1°12'07	4♏ 8	9° 9	19° 7	1°41	19°59	0° 4	21°10	19° 3	0°44	21°R51	22°16	24°14	n.a.	F 22
S 23	8 1 27	2°10'05	16°44	10°45	20°21	1°49	19°52	29♋59	21°10	19° 3	0°42	21°50	22°13	24°21	n.a.	S 23
S 24	8 5 24	3° 8'01	29° 3	12°23	21°34	1°57	19°45	29°55	21° 9	19° 3	0°41	21°47	22°10	24°27	n.a.	S 24
M25	8 9 20	4° 5'55	11♐10	14° 2	22°48	2° 5	19°38	29°51	21° 9	19° 2	0°40	21°43	22° 7	24°34	n.a.	M25
T 26	8 13 17	5° 3'48	23° 9	15°44	24° 1	2°15	19°31	29°46	21° 9	19° 2	0°38	21°35	22° 4	24°41	n.a.	T 26
W27	8 17 13	6° 1'39	5♑ 3	17°27	25°15	2°25	19°24	29°42	21° 9	19° 2	0°37	21°25	22° 0	24°47	n.a.	W27
T 28	8 21 10	6♒59'29	16♑54	19♑11	26♑28	2♊35	19♌17	29♋37	21♉ 9	19♉ 2	0♍35	21♈12	21♈57	24♑54	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s40	27 s31	4 s59	22 s57	0n 8	24 s50	0 s53	25n24	4n22	16n25	1n56	22n50	2n32	18n49	0n11	17n29	0 s34	25n29	15n14	9n31	9n20	27 s21		n.a.
S 2	23 35	25 9	4 57	23 14	0 s 3	24 55	0 55	25 21	4 21	16 27	1 56	22 51	2 32	18 49	0 11	17 29	0 34	25 29	15 14	9 26	9 19	27 20		n.a.
S 3	23 29	21 42	4 42	23 31	0 14	25 0	0 57	25 18	4 19	16 28	1 57	22 52	2 32	18 48	0 11	17 29	0 34	25 30	15 15	9 21	9 18	27 19		n.a.
M 4	23 23	17 21	4 14	23 47	0 25	25 4	0 59	25 14	4 17	16 30	1 57	22 53	2 32	18 48	0 11	17 28	0 34	25 31	15 15	9 17	9 16	27 18		n.a.
T 5	23 17	12 19	3 36	24 3	0 35	25 7	1 1	25 11	4 16	16 32	1 57	22 55	2 33	18 48	0 11	17 28	0 34	25 31	15 15	9 14	9 15	27 17		n.a.
W 6	23 10	6 46	2 46	24 18	0 44	25 9	1 2	25 9	4 14	16 34	1 57	22 56	2 33	18 47	0 11	17 28	0 34	25 32	15 16	9 13	9 14	27 16		n.a.
T 7	23 3	0 52	1 49	24 33	0 53	25 11	1 4	25 6	4 12	16 35	1 58	22 57	2 33	18 47	0 11	17 28	0 34	25 33	15 16	9 12	9 13	27 14		n.a.
F 8	22 55	5n13	0 45	24 46	1 2	25 11	1 5	25 3	4 10	16 37	1 58	22 58	2 33	18 47	0 11	17 28	0 34	25 33	15 16	9 12	9 11	27 13		n.a.
S 9	22 47	11 15	0n24	25 0	1 10	25 11	1 7	25 1	4 8	16 39	1 58	22 59	2 33	18 46	0 11	17 28	0 34	25 34	15 17	9 12	9 10	27 12		n.a.
S 10	22 38	16 59	1 33	25 12	1 18	25 11	1 8	24 59	4 6	16 41	1 58	23 0	2 33	18 46	0 11	17 27	0 34	25 35	15 17	9 11	9 9	27 11		n.a.
M11	22 30	22 4	2 39	25 23	1 25	25 9	1 10	24 56	4 5	16 43	1 58	23 1	2 33	18 46	0 11	17 27	0 34	25 36	15 17	9 10	9 8	27 10		n.a.
T 12	22 20	26 1	3 37	25 33	1 32	25 7	1 11	24 55	4 3	16 45	1 59	23 2	2 33	18 46	0 11	17 27	0 34	25 36	15 18	9 9	9 7	27 8		n.a.
W13	22 11	28 21	4 23	25 42	1 38	25 4	1 12	24 53	4 1	16 47	1 59	23 3	2 33	18 45	0 11	17 27	0 34	25 37	15 18	9 6	9 5	27 7		n.a.
T 14	22 1	28 39	4 52	25 50	1 44	25 0	1 13	24 51	3 59	16 50	1 59	23 4	2 33	18 45	0 11	17 27	0 34	25 38	15 18	9 2	9 4	27 6		n.a.
F 15	21 50	26 45	5 0	25 56	1 49	24 55	1 14	24 50	3 57	16 52	1 59	23 5	2 34	18 45	0 11	17 27	0 34	25 38	15 18	8 58	9 3	27 5		n.a.
S 16	21 39	22 54	4 46	26 1	1 54	24 50	1 16	24 48	3 55	16 54	1 59	23 6	2 34	18 45	0 11	17 27	0 34	25 39	15 19	8 54	9 2	27 3		n.a.
S 17	21 28	17 33	4 13	26 5	1 59	24 44	1 17	24 47	3 53	16 56	1 59	23 8	2 34	18 45	0 11	17 27	0 34	25 40	15 19	8 50	9 1	27 2		n.a.
M18	21 17	11 17	3 23	26 7	2 2	24 37	1 18	24 46	3 51	16 58	2 0	23 9	2 34	18 45	0 11	17 26	0 34	25 40	15 19	8 47	8 59	27 1		n.a.
T 19	21 5	4 37	2 21	26 8	2 6	24 30	1 18	24 45	3 49	17 1	2 0	23 10	2 34	18 44	0 11	17 26	0 34	25 41	15 19	8 46	8 58	27 0		n.a.
W20	20 53	2 s 4	1 13	26 7	2 9	24 21	1 19	24 44	3 47	17 3	2 0	23 11	2 34	18 44	0 11	17 26	0 34	25 42	15 20	8 45	8 57	26 58		n.a.
T 21	20 40	8 26	0 3	26 4	2 11	24 12	1 20	24 43	3 45	17 5	2 0	23 12	2 34	18 44	0 11	17 26	0 34	25 43	15 20	8 45	8 56	26 57		n.a.
F 22	20 27	14 16	1 s 4	26 0	2 13	24 3	1 21	24 43	3 43	17 8	2 0	23 13	2 34	18 44	0 11	17 26	0 34	25 43	15 20	8 45	8 55	26 56		n.a.
S 23	20 14	19 20	2 7	25 53	2 14	23 52	1 22	24 43	3 41	17 10	2 0	23 14	2 34	18 44	0 11	17 26	0 34	25 44	15 20	8 44	8 53	26 55		n.a.
S 24	20 0	23 29	3 3	25 45	2 14	23 41	1 22	24 42	3 39	17 12	2 0	23 15	2 34	18 44	0 11	17 26	0 34	25 45	15 20	8 43	8 52	26 53		n.a.
M25	19 46	26 32	3 49	25 35	2 15	23 29	1 23	24 42	3 37	17 15	2 0	23 16	2 34	18 44	0 11	17 26	0 34	25 45	15 21	8 42	8 51	26 52		n.a.
T 26	19 32	28 20	4 25	25 23	2 14	23 17	1 23	24 42	3 35	17 17	2 1	23 17	2 34	18 44	0 11	17 26	0 34	25 46	15 21	8 39	8 50	26 51		n.a.
W27	19 18	28 49	4 48	25 8	2 13	23 3	1 24	24 42	3 33	17 20	2 1	23 18	2 34	18 44	0 11	17 26	0 34	25 47	15 21	8 35	8 48	26 49		n.a.
T 28	19 s 3	27 s58	4 s59	24 s52	2 s11	22 s50	1 s24	24n43	3n31	17n22	2n 1	23n19	2n34	18n44	0n11	17n26	0 s34	25n48	15n21	8n30	8n47	26 s48		n.a.

Julian Day Number = 196535.5, Delta T = 32h18m10s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'45, Lahiri = -61°18'44 Julian Calendar 1 Feb. 4175 BCE == Greg. Calendar 30 Dec. 4176 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

MARCH 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 25 6	7♒57'16	28♉46	20♉58	27♉42	2♊46	19°R 9	29°R33	21°D 9	19°R 2	0°R34	20°R59	21♈54	25♉ 1	n.a.	F 1
S 2	8 29 3	8°55'02	10♒39	22°47	28°55	2°58	19♌ 2	29♋29	21♉ 9	19°D 2	0♍32	20♈46	21°51	25° 8	n.a.	S 2
S 3	8 32 59	9°52'47	22°35	24°37	0♒ 9	3°10	18°54	29°24	21° 9	19♉ 2	0°31	20°34	21°48	25°14	n.a.	S 3
M 4	8 36 56	10°50'30	4♓35	26°29	1°22	3°23	18°47	29°20	21° 9	19° 2	0°29	20°24	21°45	25°21	n.a.	M 4
T 5	8 40 52	11°48'10	16°41	28°23	2°36	3°37	18°39	29°16	21° 9	19° 2	0°28	20°17	21°41	25°28	n.a.	T 5
W 6	8 44 49	12°45'50	28°56	0♒19	3°49	3°51	18°32	29°11	21° 9	19° 2	0°26	20°12	21°38	25°34	n.a.	W 6
T 7	8 48 45	13°43'27	11♈21	2°17	5° 3	4° 5	18°24	29° 7	21° 9	19° 2	0°24	20°10	21°35	25°41	n.a.	T 7
F 8	8 52 42	14°41'03	24° 1	4°16	6°16	4°20	18°17	29° 3	21°10	19° 2	0°23	20°D10	21°32	25°48	n.a.	F 8
S 9	8 56 39	15°38'36	6♉59	6°17	7°30	4°36	18° 9	28°59	21°10	19° 3	0°21	20°11	21°29	25°55	n.a.	S 9
S 10	9 0 35	16°36'08	20°18	8°19	8°43	4°52	18° 2	28°55	21°11	19° 3	0°20	20°R11	21°25	26° 1	n.a.	S 10
M11	9 4 32	17°33'39	4♊ 3	10°24	9°57	5° 8	17°54	28°50	21°11	19° 3	0°18	20° 9	21°22	26° 8	n.a.	M11
T 12	9 8 28	18°31'08	18°13	12°29	11°10	5°26	17°46	28°46	21°12	19° 3	0°17	20° 6	21°19	26°15	n.a.	T 12
W13	9 12 25	19°28'35	2♋48	14°36	12°24	5°43	17°39	28°42	21°12	19° 4	0°15	20° 1	21°16	26°22	n.a.	W13
T 14	9 16 21	20°26'00	17°43	16°44	13°38	6° 1	17°31	28°38	21°13	19° 4	0°13	19°54	21°13	26°28	n.a.	T 14
F 15	9 20 18	21°23'24	2♌52	18°53	14°51	6°20	17°23	28°34	21°14	19° 4	0°12	19°45	21°10	26°35	n.a.	F 15
S 16	9 24 14	22°20'46	18° 5	21° 3	16° 5	6°38	17°16	28°31	21°14	19° 5	0°10	19°37	21° 6	26°42	n.a.	S 16
S 17	9 28 11	23°18'07	3♍10	23°13	17°18	6°58	17° 8	28°27	21°15	19° 5	0° 8	19°29	21° 3	26°48	n.a.	S 17
M18	9 32 7	24°15'27	17°58	25°24	18°32	7°18	17° 1	28°23	21°16	19° 6	0° 7	19°24	21° 0	26°55	n.a.	M18
T 19	9 36 4	25°12'46	2♎23	27°35	19°45	7°38	16°53	28°19	21°17	19° 6	0° 5	19°20	20°57	27° 2	n.a.	T 19
W20	9 40 1	26°10'03	16°20	29°46	20°59	7°58	16°46	28°16	21°18	19° 7	0° 3	19°D19	20°54	27° 9	n.a.	W20
T 21	9 43 57	27° 7'20	29°49	1♓56	22°12	8°19	16°38	28°12	21°19	19° 7	0° 2	19°20	20°50	27°15	n.a.	T 21
F 22	9 47 54	28° 4'36	12♏51	4° 5	23°26	8°41	16°31	28° 8	21°20	19° 8	0° 0	19°21	20°47	27°22	n.a.	F 22
S 23	9 51 50	29° 1'51	25°30	6°14	24°39	9° 2	16°24	28° 5	21°21	19° 9	29♌58	19°R21	20°44	27°29	n.a.	S 23
S 24	9 55 47	29°59'05	7♐51	8°21	25°53	9°24	16°16	28° 1	21°22	19° 9	29°57	19°21	20°41	27°36	n.a.	S 24
M25	9 59 43	0♓56'19	19°58	10°27	27° 6	9°47	16° 9	27°58	21°24	19°10	29°55	19°19	20°38	27°42	n.a.	M25
T 26	10 3 40	1°53'31	1♑56	12°31	28°20	10°10	16° 2	27°55	21°25	19°11	29°53	19°15	20°35	27°49	n.a.	T 26
W27	10 7 36	2°50'43	13°49	14°33	29°34	10°33	15°55	27°51	21°26	19°12	29°52	19° 9	20°31	27°56	n.a.	W27
T 28	10 11 33	3°47'55	25°40	16°33	0♓47	10°57	15°48	27°48	21°28	19°12	29°50	19° 2	20°28	28° 2	n.a.	T 28
F 29	10 15 30	4°45'05	7♒33	18°30	2° 1	11°21	15°41	27°45	21°29	19°13	29°48	18°54	20°25	28° 9	n.a.	F 29
S 30	10 19 26	5°42'15	19°29	20°26	3°14	11°45	15°34	27°42	21°30	19°14	29°47	18°46	20°22	28°16	n.a.	S 30
S 31	10 23 23	6♓39'24	1♓32	22♓19	4♓28	12♊ 9	15♌28	27♋39	21♉32	19♉15	29♌45	18♈39	20♈19	28♉23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s48	25s50	4s58	24s33	2s 9	22s35	1s24	24n43	3n29	17n24	2n 1	23n20	2n34	18n44	0n11	17n26	0s33	25n48	15n21	8n25	8n46	26s47		n.a.
S 2	18 32	22 35	4 43	24 13	2 7	22 20	1 24	24 43	3 27	17 27	2 1	23 21	2 34	18 44	0 11	17 26	0 33	25 49	15 21	8 20	8 45	26 45		n.a.
S 3	18 16	18 23	4 15	23 50	2 3	22 4	1 25	24 44	3 25	17 29	2 1	23 22	2 34	18 44	0 11	17 26	0 33	25 50	15 21	8 15	8 44	26 44		n.a.
M 4	18 0	13 27	3 37	23 24	1 59	21 48	1 25	24 45	3 23	17 32	2 1	23 23	2 34	18 44	0 11	17 26	0 33	25 50	15 22	8 11	8 42	26 43		n.a.
T 5	17 44	7 58	2 48	22 56	1 55	21 30	1 25	24 45	3 21	17 34	2 1	23 24	2 34	18 44	0 11	17 26	0 33	25 51	15 22	8 9	8 41	26 41		n.a.
W 6	17 27	2 7	1 50	22 26	1 50	21 13	1 25	24 46	3 19	17 37	2 1	23 24	2 34	18 44	0 11	17 26	0 33	25 52	15 22	8 7	8 40	26 40		n.a.
T 7	17 10	3n54	0 47	21 54	1 44	20 55	1 25	24 47	3 17	17 39	2 1	23 25	2 34	18 44	0 11	17 26	0 33	25 52	15 22	8 6	8 39	26 38		n.a.
F 8	16 53	9 53	0n20	21 19	1 38	20 36	1 24	24 48	3 15	17 42	2 1	23 26	2 34	18 44	0 11	17 26	0 33	25 53	15 22	8 6	8 37	26 37		n.a.
S 9	16 36	15 37	1 28	20 42	1 31	20 16	1 24	24 50	3 13	17 44	2 1	23 27	2 34	18 44	0 11	17 27	0 33	25 54	15 22	8 6	8 36	26 36		n.a.
S 10	16 18	20 47	2 33	20 3	1 24	19 56	1 24	24 51	3 12	17 46	2 1	23 28	2 34	18 44	0 11	17 27	0 33	25 55	15 22	8 6	8 35	26 34		n.a.
M11	16 0	25 1	3 31	19 21	1 16	19 36	1 24	24 52	3 10	17 49	2 1	23 29	2 34	18 44	0 11	17 27	0 33	25 55	15 22	8 6	8 34	26 33		n.a.
T 12	15 42	27 52	4 19	18 37	1 8	19 15	1 23	24 53	3 8	17 51	2 1	23 30	2 34	18 44	0 11	17 27	0 33	25 56	15 22	8 4	8 33	26 31		n.a.
W13	15 24	28 56	4 51	17 52	0 59	18 53	1 23	24 55	3 6	17 54	2 1	23 30	2 34	18 45	0 11	17 27	0 33	25 57	15 22	8 2	8 31	26 30		n.a.
T 14	15 5	27 55	5 4	17 4	0 50	18 31	1 22	24 56	3 4	17 56	2 1	23 31	2 34	18 45	0 11	17 27	0 33	25 57	15 22	8 0	8 30	26 29		n.a.
F 15	14 46	24 52	4 56	16 14	0 41	18 8	1 22	24 58	3 2	17 58	2 1	23 32	2 34	18 45	0 11	17 27	0 33	25 58	15 22	7 56	8 29	26 27		n.a.
S 16	14 27	20 4	4 28	15 22	0 31	17 45	1 21	25 0	3 0	18 1	2 1	23 33	2 34	18 45	0 11	17 27	0 33	25 58	15 22	7 53	8 28	26 26		n.a.
S 17	14 8	14 3	3 41	14 29	0 21	17 21	1 20	25 1	2 59	18 3	2 1	23 34	2 34	18 45	0 11	17 28	0 33	25 59	15 22	7 50	8 26	26 24		n.a.
M18	13 48	7 19	2 40	13 35	0 11	16 57	1 20	25 3	2 57	18 5	2 1	23 34	2 34	18 46	0 11	17 28	0 33	26 0	15 22	7 48	8 25	26 23		n.a.
T 19	13 29	0 23	1 29	12 39	0 0	16 33	1 19	25 5	2 55	18 8	2 1	23 35	2 34	18 46	0 11	17 28	0 33	26 0	15 22	7 47	8 24	26 21		n.a.
W20	13 9	6s21	0 16	11 43	0n10	16 8	1 18	25 6	2 53	18 10	2 1	23 36	2 33	18 46	0 11	17 28	0 33	26 1	15 22	7 46	8 23	26 20		n.a.
T 21	12 49	12 35	0s56	10 46	0 21	15 43	1 17	25 8	2 52	18 12	2 0	23 36	2 33	18 46	0 11	17 28	0 33	26 2	15 22	7 46	8 22	26 18		n.a.
F 22	12 29	18 5	2 3	9 48	0 31	15 17	1 16	25 10	2 50	18 14	2 0	23 37	2 33	18 47	0 11	17 29	0 33	26 2	15 22	7 47	8 20	26 17		n.a.
S 23	12 8	22 37	3 2	8 50	0 42	14 51	1 15	25 12	2 48	18 16	2 0	23 38	2 33	18 47	0 11	17 29	0 33	26 3	15 22	7 47	8 19	26 15		n.a.
S 24	11 48	26 2	3 51	7 53	0 52	14 24	1 14	25 14	2 46	18 19	2 0	23 38	2 33	18 47	0 11	17 29	0 33	26 3	15 22	7 47	8 18	26 14		n.a.
M25	11 27	28 11	4 28	6 55	1 1	13 57	1 13	25 15	2 45	18 21	2 0	23 39	2 33	18 48	0 11	17 29	0 33	26 4	15 22	7 46	8 17	26 12		n.a.
T 26	11 6	29 0	4 53	5 58	1 11	13 30	1 11	25 17	2 43	18 23	2 0	23 40	2 33	18 48	0 11	17 29	0 33	26 4	15 22	7 45	8 15	26 11		n.a.
W27	10 45	28 27	5 6	5 2	1 20	13 2	1 10	25 19	2 41	18 25	2 0	23 40	2 33	18 48	0 11	17 30	0 33	26 5	15 22	7 42	8 14	26 9		n.a.
T 28	10 24	26 36	5 5	4 6	1 29	12 34	1 9	25 21	2 39	18 27	2 0	23 41	2 33	18 49	0 11	17 30	0 33	26 6	15 22	7 40	8 13	26 8		n.a.
F 29	10 2	23 35	4 51	3 12	1 37	12 6	1 7	25 23	2 38	18 29	1 59	23 41	2 33	18 49	0 11	17 30	0 33	26 6	15 22	7 36	8 12	26 6		n.a.
S 30	9 41	19 34	4 25	2 18	1 44	11 37	1 6	25 25	2 36	18 31	1 59	23 42	2 32	18 50	0 11	17 30	0 33	26 7	15 22	7 33	8 10	26 5		n.a.
S 31	9s19	14s44	3s46	1s26	1n52	11s 8	1s 5	25n26	2n34	18n33	1n59	23n42	2n32	18n50	0n11	17n31	0s33	26n 7	15n22	7n30	8n 9	26s 3		n.a.

Julian Day Number = 196563.5, Delta T = 32h18m07s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'41, Lahiri = -61°18'41 Julian Calendar 1 March 4175 BCE == Greg. Calendar 27 Jan. 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

APRIL 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 27 19	7♓36'32	13♓41	24♓ 9	5♓42	12♊34	15°R21	27°R36	21♉34	19♉16	29°R43	18°R33	20♈16	28♑29	n.a.	M 1
T 2	10 31 16	8°33'39	25°59	25°57	6°55	13° 0	15♌14	27♋33	21°35	19°17	29♌42	18♈28	20°12	28°36	n.a.	T 2
W 3	10 35 12	9°30'45	8♈27	27°43	8° 9	13°25	15° 8	27°31	21°37	19°18	29°40	18°26	20° 9	28°43	n.a.	W 3
T 4	10 39 9	10°27'51	21° 6	29°26	9°22	13°51	15° 2	27°28	21°38	19°19	29°39	18°D26	20° 6	28°50	n.a.	T 4
F 5	10 43 5	11°24'56	3♉58	1♈ 6	10°36	14°17	14°56	27°25	21°40	19°20	29°37	18°27	20° 3	28°56	n.a.	F 5
S 6	10 47 2	12°22'00	17° 5	2°43	11°50	14°44	14°50	27°23	21°42	19°21	29°35	18°28	20° 0	29° 3	n.a.	S 6
S 7	10 50 59	13°19'03	0♊30	4°18	13° 3	15°10	14°44	27°20	21°44	19°22	29°34	18°29	19°56	29°10	n.a.	S 7
M 8	10 54 55	14°16'05	14°13	5°50	14°17	15°38	14°38	27°18	21°46	19°23	29°32	18°R30	19°53	29°16	n.a.	M 8
T 9	10 58 52	15°13'07	28°15	7°19	15°31	16° 5	14°32	27°16	21°48	19°24	29°30	18°29	19°50	29°23	n.a.	T 9
W10	11 2 48	16°10'07	12♋36	8°46	16°44	16°32	14°26	27°13	21°50	19°26	29°29	18°27	19°47	29°30	n.a.	W10
T 11	11 6 45	17° 7'07	27°13	10°10	17°58	17° 0	14°21	27°11	21°52	19°27	29°27	18°24	19°44	29°37	n.a.	T 11
F 12	11 10 41	18° 4'07	12♌ 1	11°30	19°12	17°29	14°16	27° 9	21°54	19°28	29°26	18°20	19°41	29°43	n.a.	F 12
S 13	11 14 38	19° 1'05	26°52	12°48	20°25	17°57	14°11	27° 7	21°56	19°29	29°24	18°16	19°37	29°50	n.a.	S 13
S 14	11 18 35	19°58'03	11♍39	14° 3	21°39	18°26	14° 6	27° 6	21°58	19°31	29°23	18°12	19°34	29°57	n.a.	S 14
M15	11 22 31	20°55'01	26°15	15°15	22°52	18°55	14° 1	27° 4	22° 0	19°32	29°21	18°10	19°31	0♒ 3	n.a.	M15
T 16	11 26 28	21°51'58	10♎32	16°24	24° 6	19°24	13°56	27° 2	22° 3	19°33	29°20	18° 9	19°28	0°10	n.a.	T 16
W17	11 30 24	22°48'55	24°26	17°30	25°20	19°53	13°52	27° 1	22° 5	19°35	29°18	18°D 8	19°25	0°17	n.a.	W17
T 18	11 34 21	23°45'53	7♏56	18°33	26°33	20°23	13°47	26°59	22° 7	19°36	29°17	18° 9	19°22	0°24	n.a.	T 18
F 19	11 38 17	24°42'50	21° 1	19°33	27°47	20°53	13°43	26°58	22° 9	19°38	29°15	18°11	19°18	0°30	n.a.	F 19
S 20	11 42 14	25°39'47	3♐44	20°29	29° 1	21°23	13°39	26°56	22°12	19°39	29°14	18°12	19°15	0°37	n.a.	S 20
S 21	11 46 11	26°36'45	16° 9	21°22	0♈14	21°53	13°35	26°55	22°14	19°40	29°12	18°13	19°12	0°44	n.a.	S 21
M22	11 50 7	27°33'43	28°18	22°11	1°28	22°23	13°31	26°54	22°17	19°42	29°11	18°R14	19° 9	0°51	n.a.	M22
T 23	11 54 4	28°30'41	10♑18	22°56	2°42	22°54	13°27	26°53	22°19	19°44	29°10	18°13	19° 6	0°57	n.a.	T 23
W24	11 58 0	29°27'39	22°11	23°38	3°56	23°25	13°24	26°52	22°22	19°45	29° 8	18°12	19° 2	1° 4	n.a.	W24
T 25	12 1 57	0♈24'38	4♒ 4	24°16	5° 9	23°56	13°21	26°51	22°25	19°47	29° 7	18°10	18°59	1°11	n.a.	T 25
F 26	12 5 53	1°21'37	15°59	24°50	6°23	24°28	13°18	26°50	22°27	19°48	29° 5	18° 7	18°56	1°17	n.a.	F 26
S 27	12 9 50	2°18'36	28° 0	25°20	7°37	24°59	13°15	26°50	22°30	19°50	29° 4	18° 5	18°53	1°24	n.a.	S 27
S 28	12 13 47	3°15'35	10♓ 9	25°45	8°51	25°31	13°12	26°49	22°33	19°51	29° 3	18° 3	18°50	1°31	n.a.	S 28
M29	12 17 43	4°12'34	22°30	26° 7	10° 4	26° 3	13° 9	26°49	22°35	19°53	29° 2	18° 1	18°47	1°38	n.a.	M29
T 30	12 21 40	5♈ 9'34	5♈ 2	26♈24	11♈18	26♊36	13♌ 7	26♋48	22♉38	19♉55	29♌ 0	18♈ 0	18♈43	1♒44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s57	9s18	2s57	0s35	1n58	10s39	1s 3	25n28	2n33	18n34	1n59	23n43	2n32	18n50	0n11	17n31	0s32	26n 8	15n21	7n28	8n 8	26s 1		n.a.
T 2	8 35	3 27	1 59	0n14	2 4	10 10	1 1	25 30	2 31	18 36	1 59	23 43	2 32	18 51	0 11	17 31	0 32	26 8	15 21	7 26	8 7	26 0		n.a.
W 3	8 13	2n37	0 54	1 2	2 9	9 40	1 0	25 32	2 30	18 38	1 58	23 44	2 32	18 51	0 11	17 32	0 32	26 9	15 21	7 26	8 6	25 58		n.a.
T 4	7 51	8 41	0n14	1 48	2 14	9 10	0 58	25 33	2 28	18 40	1 58	23 44	2 32	18 52	0 11	17 32	0 32	26 9	15 21	7 25	8 4	25 57		n.a.
F 5	7 29	14 30	1 23	2 33	2 18	8 40	0 57	25 35	2 26	18 41	1 58	23 44	2 32	18 52	0 11	17 32	0 32	26 10	15 21	7 26	8 3	25 55		n.a.
S 6	7 7	19 48	2 30	3 15	2 21	8 10	0 55	25 37	2 25	18 43	1 58	23 45	2 31	18 53	0 11	17 33	0 32	26 10	15 21	7 26	8 2	25 53		n.a.
S 7	6 44	24 14	3 29	3 56	2 24	7 39	0 53	25 38	2 23	18 45	1 58	23 45	2 31	18 53	0 11	17 33	0 32	26 10	15 20	7 27	8 1	25 52		n.a.
M 8	6 22	27 25	4 18	4 36	2 25	7 8	0 51	25 40	2 22	18 46	1 57	23 45	2 31	18 54	0 11	17 33	0 32	26 11	15 20	7 27	7 59	25 50		n.a.
T 9	5 59	28 59	4 53	5 13	2 27	6 37	0 49	25 41	2 20	18 48	1 57	23 46	2 31	18 54	0 11	17 34	0 32	26 11	15 20	7 27	7 58	25 49		n.a.
W10	5 36	28 39	5 10	5 49	2 27	6 6	0 47	25 43	2 18	18 49	1 57	23 46	2 31	18 55	0 11	17 34	0 32	26 12	15 20	7 26	7 57	25 47		n.a.
T 11	5 14	26 20	5 8	6 22	2 27	5 35	0 45	25 44	2 17	18 51	1 57	23 46	2 31	18 55	0 11	17 34	0 32	26 12	15 20	7 25	7 56	25 45		n.a.
F 12	4 51	22 14	4 46	6 54	2 26	5 3	0 43	25 45	2 15	18 52	1 56	23 47	2 31	18 56	0 11	17 35	0 32	26 12	15 19	7 23	7 54	25 44		n.a.
S 13	4 28	16 43	4 4	7 24	2 25	4 32	0 41	25 46	2 14	18 53	1 56	23 47	2 30	18 56	0 11	17 35	0 32	26 13	15 19	7 21	7 53	25 42		n.a.
S 14	4 5	10 15	3 6	7 52	2 22	4 0	0 39	25 48	2 12	18 55	1 56	23 47	2 30	18 57	0 11	17 36	0 32	26 13	15 19	7 20	7 52	25 40		n.a.
M15	3 42	3 19	1 57	8 18	2 19	3 28	0 37	25 49	2 11	18 56	1 56	23 47	2 30	18 58	0 11	17 36	0 32	26 14	15 19	7 19	7 51	25 39		n.a.
T 16	3 19	3s39	0 42	8 42	2 15	2 57	0 35	25 50	2 9	18 57	1 55	23 47	2 30	18 58	0 11	17 36	0 32	26 14	15 18	7 19	7 50	25 37		n.a.
W17	2 56	10 16	0s34	9 4	2 11	2 25	0 33	25 51	2 8	18 58	1 55	23 48	2 30	18 59	0 11	17 37	0 32	26 14	15 18	7 19	7 48	25 35		n.a.
T 18	2 33	16 13	1 46	9 24	2 6	1 53	0 31	25 51	2 6	18 59	1 55	23 48	2 30	18 59	0 11	17 37	0 32	26 15	15 18	7 19	7 47	25 34		n.a.
F 19	2 9	21 15	2 51	9 42	2 0	1 21	0 29	25 52	2 5	19 0	1 55	23 48	2 29	19 0	0 11	17 38	0 32	26 15	15 18	7 19	7 46	25 32		n.a.
S 20	1 46	25 10	3 45	9 57	1 53	0 49	0 27	25 53	2 3	19 1	1 54	23 48	2 29	19 1	0 11	17 38	0 32	26 15	15 17	7 20	7 45	25 30		n.a.
S 21	1 23	27 48	4 27	10 11	1 46	0 16	0 24	25 53	2 2	19 2	1 54	23 48	2 29	19 1	0 11	17 38	0 32	26 15	15 17	7 20	7 43	25 28		n.a.
M22	1 0	29 2	4 56	10 23	1 38	0n16	0 22	25 54	2 0	19 3	1 54	23 48	2 29	19 2	0 11	17 39	0 32	26 16	15 17	7 21	7 42	25 27		n.a.
T 23	0 36	28 53	5 12	10 32	1 29	0 48	0 20	25 54	1 59	19 3	1 53	23 48	2 29	19 3	0 11	17 39	0 32	26 16	15 16	7 20	7 41	25 25		n.a.
W24	0 13	27 23	5 14	10 39	1 19	1 20	0 18	25 54	1 58	19 4	1 53	23 48	2 28	19 3	0 11	17 40	0 32	26 16	15 16	7 20	7 40	25 23		n.a.
T 25	0n10	24 40	5 3	10 44	1 9	1 52	0 15	25 54	1 56	19 5	1 53	23 48	2 28	19 4	0 11	17 40	0 32	26 16	15 16	7 19	7 38	25 21		n.a.
F 26	0 33	20 54	4 38	10 47	0 58	2 24	0 13	25 55	1 55	19 5	1 52	23 48	2 28	19 5	0 11	17 41	0 32	26 16	15 15	7 18	7 37	25 20		n.a.
S 27	0 57	16 16	4 2	10 48	0 47	2 56	0 11	25 54	1 53	19 6	1 52	23 48	2 28	19 5	0 11	17 41	0 32	26 17	15 15	7 17	7 36	25 18		n.a.
S 28	1 20	10 57	3 14	10 46	0 35	3 28	0 8	25 54	1 52	19 7	1 52	23 48	2 28	19 6	0 11	17 42	0 32	26 17	15 15	7 16	7 35	25 16		n.a.
M29	1 43	5 8	2 16	10 42	0 22	4 0	0 6	25 54	1 51	19 7	1 51	23 48	2 28	19 7	0 11	17 42	0 32	26 17	15 14	7 16	7 33	25 14		n.a.
T 30	2n 6	0n59	1s11	10n36	0n 9	4n32	0s 4	25n53	1n49	19n 7	1n51	23n48	2n27	19n 8	0n11	17n43	0s32	26n17	15n14	7n15	7n32	25s13		n.a.

Julian Day Number = 196594.5, Delta T = 32h18m04s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'37, Lahiri = -61°18'36 Julian Calendar 1 Apr. 4175 BCE == Greg. Calendar 27 Feb. 4175 BCE

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

MAY 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 25 36	6♈ 6'34	17♈48	26♈36	12♈32	27♊ 8	13°R 5	26°R48	22♉41	19♉57	28°R59	18°D 0	18♈40	1♒51	n.a.	W 1
T 2	12 29 33	7° 3'35	0♉47	26°44	13°46	27°41	13♌ 3	26♋48	22°44	19°58	28♌58	18♈ 0	18°37	1°58	n.a.	T 2
F 3	12 33 29	8° 0'35	14° 0	26°R47	14°59	28°13	13° 1	26°48	22°47	20° 0	28°57	18° 1	18°34	2° 4	n.a.	F 3
S 4	12 37 26	8°57'36	27°26	26°45	16°13	28°46	12°59	26°D48	22°49	20° 2	28°55	18° 2	18°31	2°11	n.a.	S 4
S 5	12 41 23	9°54'37	11♊ 6	26°39	17°27	29°20	12°58	26°48	22°52	20° 4	28°54	18° 2	18°27	2°18	n.a.	S 5
M 6	12 45 19	10°51'39	24°58	26°28	18°41	29°53	12°56	26°48	22°55	20° 5	28°53	18° 3	18°24	2°25	n.a.	M 6
T 7	12 49 16	11°48'40	9♋ 1	26°12	19°55	0♋27	12°55	26°48	22°58	20° 7	28°52	18°R 3	18°21	2°31	n.a.	T 7
W 8	12 53 12	12°45'42	23°14	25°53	21° 8	1° 0	12°54	26°48	23° 1	20° 9	28°51	18° 3	18°18	2°38	n.a.	W 8
T 9	12 57 9	13°42'44	7♌35	25°29	22°22	1°34	12°54	26°49	23° 5	20°11	28°50	18° 3	18°15	2°45	n.a.	T 9
F 10	13 1 6	14°39'46	22° 0	25° 1	23°36	2° 8	12°53	26°49	23° 8	20°13	28°49	18° 2	18°12	2°52	n.a.	F 10
S 11	13 5 2	15°36'48	6♍25	24°30	24°50	2°43	12°53	26°50	23°11	20°15	28°48	18° 2	18° 8	2°58	n.a.	S 11
S 12	13 8 59	16°33'51	20°46	23°56	26° 4	3°17	12°52	26°51	23°14	20°17	28°47	18° 2	18° 5	3° 5	n.a.	S 12
M13	13 12 55	17°30'54	4♎57	23°20	27°17	3°52	12°D52	26°52	23°17	20°18	28°46	18° 2	18° 2	3°12	n.a.	M13
T 14	13 16 52	18°27'58	18°55	22°41	28°31	4°26	12°52	26°53	23°20	20°20	28°45	18° 2	17°59	3°18	n.a.	T 14
W15	13 20 48	19°25'03	2♏36	22° 1	29°45	5° 1	12°53	26°54	23°24	20°22	28°44	18° 2	17°56	3°25	n.a.	W15
T 16	13 24 45	20°22'08	15°58	21°21	0♐59	5°36	12°53	26°55	23°27	20°24	28°43	18° 2	17°53	3°32	n.a.	T 16
F 17	13 28 42	21°19'15	29° 0	20°41	2°13	6°11	12°54	26°56	23°30	20°26	28°43	18° 1	17°49	3°39	n.a.	F 17
S 18	13 32 38	22°16'23	11♑42	20° 1	3°27	6°47	12°55	26°57	23°33	20°28	28°42	18° 1	17°46	3°45	n.a.	S 18
S 19	13 36 35	23°13'32	24° 7	19°23	4°40	7°22	12°56	26°59	23°37	20°30	28°41	18° 0	17°43	3°52	n.a.	S 19
M20	13 40 31	24°10'41	6♒18	18°48	5°54	7°58	12°57	27° 0	23°40	20°32	28°40	18° 0	17°40	3°59	n.a.	M20
T 21	13 44 28	25° 7'53	18°19	18°15	7° 8	8°34	12°58	27° 2	23°43	20°34	28°39	17°59	17°37	4° 5	n.a.	T 21
W22	13 48 24	26° 5'05	0♓13	17°45	8°22	9°10	13° 0	27° 4	23°47	20°36	28°39	17°D59	17°33	4°12	n.a.	W22
T 23	13 52 21	27° 2'19	12° 7	17°20	9°36	9°46	13° 2	27° 5	23°50	20°39	28°38	18° 0	17°30	4°19	n.a.	T 23
F 24	13 56 18	27°59'33	24° 3	16°59	10°50	10°22	13° 4	27° 7	23°54	20°41	28°38	18° 0	17°27	4°26	n.a.	F 24
S 25	14 0 14	28°56'50	6♈ 6	16°44	12° 4	10°59	13° 6	27° 9	23°57	20°43	28°37	18° 1	17°24	4°32	n.a.	S 25
S 26	14 4 11	29°54'07	18°21	16°33	13°18	11°35	13° 8	27°11	24° 1	20°45	28°36	18° 3	17°21	4°39	n.a.	S 26
M27	14 8 7	0♉51'26	0♈51	16°D28	14°31	12°12	13°11	27°13	24° 4	20°47	28°36	18° 3	17°18	4°46	n.a.	M27
T 28	14 12 4	1°48'46	13°37	16°30	15°45	12°49	13°13	27°16	24° 8	20°49	28°35	18°R 4	17°14	4°52	n.a.	T 28
W29	14 16 0	2°46'07	26°41	16°37	16°59	13°26	13°16	27°18	24°11	20°51	28°35	18° 4	17°11	4°59	n.a.	W29
T 30	14 19 57	3°43'30	10♉ 3	16°50	18°13	14° 3	13°19	27°20	24°15	20°53	28°34	18° 3	17° 8	5° 6	n.a.	T 30
F 31	14 23 54	4♉40'54	23♉41	17♈10	19♉27	14♋40	13♌22	27♋23	24♉18	20♉55	28♌34	18♈ 1	17♈ 5	5♒13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	2n30	7n 9	0s 1	10n28	0s 5	5n 4	0s 1	25n53	1n48	19n 8	1n51	23n48	2n27	19n 8	0n11	17n43	0s32	26n17	15n14	7n15	7n31	25s11			n.a.
T 2	2 53	13 10	1n10	10 17	0 19	5 36	0n 1	25 52	1 46	19 8	1 50	23 47	2 27	19 9	0 11	17 44	0 32	26 17	15 13	7 15	7 30	25 9			n.a.
F 3	3 16	18 41	2 19	10 5	0 34	6 7	0 3	25 51	1 45	19 8	1 50	23 47	2 27	19 10	0 11	17 44	0 32	26 17	15 13	7 16	7 28	25 7			n.a.
S 4	3 39	23 24	3 21	9 50	0 49	6 39	0 6	25 50	1 44	19 8	1 50	23 47	2 27	19 11	0 11	17 45	0 32	26 17	15 12	7 16	7 27	25 5			n.a.
S 5	4 2	26 55	4 13	9 33	1 5	7 10	0 8	25 49	1 42	19 9	1 49	23 47	2 26	19 11	0 11	17 45	0 32	26 17	15 12	7 16	7 26	25 4			n.a.
M 6	4 25	28 52	4 51	9 15	1 20	7 41	0 11	25 48	1 41	19 9	1 49	23 47	2 26	19 12	0 11	17 46	0 31	26 18	15 12	7 16	7 25	25 2			n.a.
T 7	4 48	29 0	5 12	8 55	1 36	8 12	0 13	25 47	1 40	19 9	1 49	23 46	2 26	19 13	0 11	17 46	0 31	26 18	15 11	7 16	7 24	25 0			n.a.
W 8	5 11	27 13	5 15	8 33	1 51	8 43	0 15	25 45	1 38	19 9	1 48	23 46	2 26	19 14	0 11	17 47	0 31	26 18	15 11	7 16	7 22	24 58			n.a.
T 9	5 33	23 41	4 58	8 10	2 7	9 13	0 18	25 43	1 37	19 8	1 48	23 46	2 26	19 15	0 11	17 47	0 31	26 18	15 10	7 16	7 21	24 56			n.a.
F 10	5 56	18 42	4 23	7 46	2 22	9 43	0 20	25 42	1 36	19 8	1 48	23 46	2 25	19 15	0 11	17 48	0 31	26 18	15 10	7 16	7 20	24 54			n.a.
S 11	6 19	12 39	3 30	7 21	2 36	10 14	0 22	25 40	1 34	19 8	1 47	23 45	2 25	19 16	0 11	17 48	0 31	26 18	15 9	7 16	7 19	24 53			n.a.
S 12	6 41	5 58	2 25	6 55	2 50	10 43	0 25	25 37	1 33	19 8	1 47	23 45	2 25	19 17	0 11	17 49	0 31	26 17	15 9	7 16	7 17	24 51			n.a.
M13	7 4	0s56	1 12	6 29	3 3	11 13	0 27	25 35	1 32	19 8	1 47	23 45	2 25	19 18	0 11	17 49	0 31	26 17	15 8	7 16	7 16	24 49			n.a.
T 14	7 26	7 41	0s 5	6 3	3 15	11 42	0 29	25 33	1 30	19 7	1 46	23 44	2 25	19 19	0 11	17 50	0 31	26 17	15 8	7 16	7 15	24 47			n.a.
W15	7 48	13 58	1 20	5 38	3 27	12 11	0 32	25 30	1 29	19 7	1 46	23 44	2 24	19 20	0 11	17 51	0 31	26 17	15 8	7 16	7 14	24 45			n.a.
T 16	8 11	19 27	2 29	5 13	3 37	12 40	0 34	25 27	1 28	19 6	1 46	23 43	2 24	19 20	0 11	17 51	0 31	26 17	15 7	7 16	7 12	24 43			n.a.
F 17	8 33	23 52	3 28	4 50	3 45	13 9	0 36	25 24	1 26	19 6	1 45	23 43	2 24	19 21	0 11	17 52	0 31	26 17	15 7	7 16	7 11	24 41			n.a.
S 18	8 54	27 2	4 15	4 28	3 52	13 37	0 38	25 21	1 25	19 5	1 45	23 42	2 24	19 22	0 11	17 52	0 31	26 17	15 6	7 16	7 10	24 39			n.a.
S 19	9 16	28 48	4 49	4 8	3 58	14 5	0 41	25 18	1 24	19 4	1 45	23 42	2 24	19 23	0 11	17 53	0 31	26 17	15 6	7 15	7 9	24 37			n.a.
M20	9 38	29 7	5 10	3 51	4 2	14 32	0 43	25 15	1 23	19 4	1 44	23 41	2 23	19 24	0 11	17 53	0 31	26 17	15 5	7 15	7 7	24 36			n.a.
T 21	10 0	28 3	5 16	3 35	4 5	14 59	0 45	25 11	1 21	19 3	1 44	23 41	2 23	19 25	0 11	17 54	0 31	26 16	15 5	7 15	7 6	24 34			n.a.
W22	10 21	25 42	5 9	3 23	4 6	15 26	0 47	25 7	1 20	19 2	1 44	23 40	2 23	19 26	0 11	17 55	0 31	26 16	15 4	7 15	7 5	24 32			n.a.
T 23	10 42	22 15	4 49	3 14	4 6	15 52	0 49	25 3	1 19	19 1	1 43	23 40	2 23	19 26	0 11	17 55	0 31	26 16	15 4	7 15	7 4	24 30			n.a.
F 24	11 3	17 53	4 16	3 7	4 4	16 18	0 51	24 59	1 18	19 0	1 43	23 39	2 23	19 27	0 11	17 56	0 31	26 16	15 3	7 15	7 2	24 28			n.a.
S 25	11 24	12 47	3 32	3 4	4 0	16 44	0 53	24 55	1 16	19 0	1 42	23 39	2 22	19 28	0 11	17 56	0 31	26 15	15 3	7 16	7 1	24 26			n.a.
S 26	11 45	7 7	2 37	3 4	3 56	17 9	0 55	24 51	1 15	18 59	1 42	23 38	2 22	19 29	0 11	17 57	0 31	26 15	15 2	7 16	7 0	24 24			n.a.
M27	12 6	1 5	1 34	3 8	3 50	17 33	0 57	24 46	1 14	18 57	1 42	23 37	2 22	19 30	0 11	17 57	0 31	26 15	15 2	7 17	6 59	24 22			n.a.
T 28	12 26	5n 9	0 25	3 15	3 43	17 58	0 59	24 41	1 13	18 56	1 41	23 37	2 22	19 31	0 11	17 58	0 31	26 15	15 1	7 17	6 57	24 20			n.a.
W29	12 47	11 18	0n47	3 25	3 34	18 21	1 1	24 36	1 11	18 55	1 41	23 36	2 22	19 32	0 11	17 59	0 31	26 14	15 1	7 17	6 56	24 18			n.a.
T 30	13 7	17 6	1 58	3 39	3 25	18 45	1 3	24 31	1 10	18 54	1 41	23 36	2 21	19 33	0 11	17 59	0 31	26 14	15 0	7 16	6 55	24 16			n.a.
F 31	13n27	22n11	3n 4	3n56	3s15	19n 7	1n 5	24n26	1n 9	18n53	1n40	23n35	2n21	19n34	0n11	18n 0	0s31	26n14	14n59	7n16	6n54	24s14			n.a.

Julian Day Number = 196624.5, Delta T = 32h18m01s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'33, Lahiri = -61°18'32 Julian Calendar 1 May 4175 BCE == Greg. Calendar 29 March 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

JUNE 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 27 50	5♉38'19	7♊34	17♈36	20♉41	15♋18	13♌26	27♋25	24♉22	20♉58	28°R34	17°R59	17♈ 2	5♒19	n.a.	S 1
S 2	14 31 47	6°35'45	21°37	18° 9	21°55	15°55	13°29	27°28	24°25	21° 0	28♌33	17♈57	16°58	5°26	n.a.	S 2
M 3	14 35 43	7°33'13	5♋48	18°48	23° 9	16°33	13°33	27°31	24°29	21° 2	28°33	17°54	16°55	5°33	n.a.	M 3
T 4	14 39 40	8°30'42	20° 2	19°33	24°23	17°11	13°37	27°34	24°33	21° 4	28°33	17°53	16°52	5°39	n.a.	T 4
W 5	14 43 37	9°28'12	4♌18	20°25	25°37	17°48	13°41	27°37	24°36	21° 6	28°32	17°D52	16°49	5°46	n.a.	W 5
T 6	14 47 33	10°25'42	18°31	21°22	26°51	18°27	13°45	27°40	24°40	21° 9	28°32	17°52	16°46	5°53	n.a.	T 6
F 7	14 51 30	11°23'14	2♍39	22°25	28° 5	19° 5	13°49	27°43	24°44	21°11	28°32	17°53	16°43	6° 0	n.a.	F 7
S 8	14 55 26	12°20'48	16°41	23°35	29°19	19°43	13°54	27°46	24°47	21°13	28°32	17°54	16°39	6° 6	n.a.	S 8
S 9	14 59 23	13°18'22	0♎35	24°50	0♊33	20°21	13°58	27°49	24°51	21°15	28°32	17°56	16°36	6°13	n.a.	S 9
M10	15 3 19	14°15'58	14°20	26°10	1°47	21° 0	14° 3	27°52	24°55	21°17	28°32	17°R56	16°33	6°20	n.a.	M10
T 11	15 7 16	15°13'35	27°53	27°35	3° 1	21°39	14° 8	27°56	24°58	21°20	28°32	17°56	16°30	6°27	n.a.	T 11
W12	15 11 12	16°11'14	11♏13	29° 5	4°15	22°17	14°13	27°59	25° 2	21°22	28°D32	17°55	16°27	6°33	n.a.	W12
T 13	15 15 9	17° 8'54	24°18	0♉40	5°28	22°56	14°19	28° 3	25° 6	21°24	28°32	17°51	16°24	6°40	n.a.	T 13
F 14	15 19 6	18° 6'36	7♐ 9	2°19	6°42	23°35	14°24	28° 7	25°10	21°26	28°32	17°47	16°20	6°47	n.a.	F 14
S 15	15 23 2	19° 4'20	19°45	4° 1	7°56	24°14	14°30	28°10	25°13	21°29	28°32	17°42	16°17	6°53	n.a.	S 15
S 16	15 26 59	20° 2'06	2♑ 6	5°48	9°10	24°54	14°35	28°14	25°17	21°31	28°32	17°37	16°14	7° 0	n.a.	S 16
M17	15 30 55	20°59'54	14°16	7°37	10°24	25°33	14°41	28°18	25°21	21°33	28°32	17°32	16°11	7° 7	n.a.	M17
T 18	15 34 52	21°57'44	26°15	9°28	11°38	26°13	14°47	28°22	25°24	21°35	28°32	17°28	16° 8	7°14	n.a.	T 18
W19	15 38 48	22°55'36	8♒ 9	11°22	12°52	26°52	14°54	28°26	25°28	21°37	28°33	17°25	16° 4	7°20	n.a.	W19
T 20	15 42 45	23°53'29	20° 1	13°18	14° 6	27°32	15° 0	28°30	25°32	21°40	28°33	17°D24	16° 1	7°27	n.a.	T 20
F 21	15 46 42	24°51'25	1♓56	15°15	15°20	28°12	15° 6	28°34	25°36	21°42	28°33	17°24	15°58	7°34	n.a.	F 21
S 22	15 50 38	25°49'23	13°59	17°13	16°34	28°51	15°13	28°39	25°39	21°44	28°33	17°25	15°55	7°40	n.a.	S 22
S 23	15 54 35	26°47'23	26°15	19°12	17°48	29°32	15°20	28°43	25°43	21°46	28°34	17°27	15°52	7°47	n.a.	S 23
M24	15 58 31	27°45'25	8♈48	21°12	19° 2	0♌12	15°27	28°47	25°47	21°49	28°34	17°28	15°49	7°54	n.a.	M24
T 25	16 2 28	28°43'30	21°43	23°11	20°16	0°52	15°34	28°52	25°51	21°51	28°35	17°R28	15°45	8° 1	n.a.	T 25
W26	16 6 24	29°41'36	5♉ 0	25°10	21°30	1°32	15°41	28°56	25°54	21°53	28°35	17°27	15°42	8° 7	n.a.	W26
T 27	16 10 21	0♊39'45	18°40	27° 9	22°44	2°13	15°48	29° 1	25°58	21°55	28°36	17°23	15°39	8°14	n.a.	T 27
F 28	16 14 17	1°37'56	2♊42	29° 8	23°58	2°53	15°56	29° 6	26° 2	21°57	28°36	17°18	15°36	8°21	n.a.	F 28
S 29	16 18 14	2°36'08	17° 2	1♊ 6	25°12	3°34	16° 4	29°11	26° 6	22° 0	28°37	17°12	15°33	8°27	n.a.	S 29
S 30	16 22 11	3♊34'23	1♋34	3♊ 3	26♊26	4♌15	16♌11	29♋15	26♉ 9	22♉ 2	28♌37	17♈ 4	15♈30	8♒34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n46	26n 8	4n 0	4n17	3s 4	19n30	1n 6	24n20	1n 8	18n51	1n40	23n34	2n21	19n35	0n11	18n 0	0s31	26n13	14n59	7n15	6n52	24s12		n.a.
S 2	14 6	28 32	4 42	4 40	2 52	19 51	1 8	24 14	1 7	18 50	1 40	23 33	2 21	19 35	0 11	18 1	0 31	26 13	14 58	7 14	6 51	24 10		n.a.
M 3	14 25	29 6	5 7	5 6	2 40	20 12	1 10	24 8	1 5	18 49	1 39	23 33	2 21	19 36	0 11	18 2	0 31	26 13	14 58	7 13	6 50	24 8		n.a.
T 4	14 44	27 45	5 14	5 36	2 28	20 33	1 11	24 2	1 4	18 47	1 39	23 32	2 21	19 37	0 11	18 2	0 31	26 12	14 57	7 12	6 49	24 6		n.a.
W 5	15 3	24 36	5 2	6 8	2 14	20 53	1 13	23 56	1 3	18 46	1 39	23 31	2 20	19 38	0 11	18 3	0 31	26 12	14 57	7 12	6 47	24 4		n.a.
T 6	15 22	19 59	4 31	6 42	2 1	21 13	1 14	23 50	1 2	18 44	1 38	23 30	2 20	19 39	0 11	18 3	0 31	26 11	14 56	7 12	6 46	24 2		n.a.
F 7	15 40	14 17	3 43	7 19	1 47	21 31	1 16	23 43	1 1	18 42	1 38	23 29	2 20	19 40	0 11	18 4	0 31	26 11	14 56	7 12	6 45	24 0		n.a.
S 8	15 58	7 53	2 43	7 58	1 33	21 50	1 17	23 36	0 59	18 41	1 38	23 29	2 20	19 41	0 11	18 5	0 31	26 10	14 55	7 13	6 44	23 58		n.a.
S 9	16 16	1 11	1 34	8 39	1 20	22 7	1 19	23 29	0 58	18 39	1 37	23 28	2 20	19 42	0 11	18 5	0 31	26 10	14 55	7 14	6 42	23 56		n.a.
M10	16 34	5s30	0 20	9 22	1 6	22 24	1 20	23 22	0 57	18 37	1 37	23 27	2 19	19 43	0 11	18 6	0 31	26 9	14 54	7 14	6 41	23 54		n.a.
T 11	16 52	11 51	0s54	10 6	0 52	22 41	1 21	23 14	0 56	18 35	1 37	23 26	2 19	19 44	0 11	18 7	0 31	26 9	14 53	7 14	6 40	23 52		n.a.
W12	17 9	17 34	2 4	10 52	0 39	22 56	1 22	23 7	0 55	18 34	1 36	23 25	2 19	19 45	0 11	18 7	0 31	26 8	14 53	7 13	6 39	23 50		n.a.
T 13	17 26	22 22	3 6	11 38	0 25	23 12	1 24	22 59	0 54	18 32	1 36	23 24	2 19	19 46	0 11	18 8	0 31	26 8	14 52	7 12	6 37	23 48		n.a.
F 14	17 42	26 0	3 57	12 25	0 13	23 26	1 25	22 51	0 52	18 30	1 36	23 23	2 19	19 47	0 11	18 8	0 31	26 7	14 52	7 10	6 36	23 45		n.a.
S 15	17 59	28 17	4 35	13 13	0 0	23 40	1 26	22 43	0 51	18 28	1 35	23 22	2 19	19 47	0 11	18 9	0 31	26 7	14 51	7 8	6 35	23 43		n.a.
S 16	18 15	29 6	5 0	14 1	0n12	23 53	1 27	22 35	0 50	18 26	1 35	23 21	2 18	19 48	0 11	18 10	0 31	26 6	14 51	7 6	6 34	23 41		n.a.
M17	18 31	28 28	5 10	14 48	0 23	24 5	1 28	22 26	0 49	18 24	1 35	23 20	2 18	19 49	0 11	18 10	0 31	26 6	14 50	7 4	6 32	23 39		n.a.
T 18	18 46	26 31	5 7	15 35	0 34	24 17	1 28	22 17	0 48	18 22	1 35	23 19	2 18	19 50	0 11	18 11	0 31	26 5	14 50	7 3	6 31	23 37		n.a.
W19	19 1	23 25	4 51	16 22	0 44	24 27	1 29	22 8	0 47	18 19	1 34	23 18	2 18	19 51	0 11	18 11	0 31	26 4	14 49	7 1	6 30	23 35		n.a.
T 20	19 16	19 21	4 22	17 7	0 53	24 38	1 30	21 59	0 46	18 17	1 34	23 17	2 18	19 52	0 11	18 12	0 31	26 4	14 48	7 1	6 29	23 33		n.a.
F 21	19 31	14 31	3 42	17 51	1 2	24 47	1 30	21 50	0 44	18 15	1 34	23 16	2 18	19 53	0 11	18 13	0 31	26 3	14 48	7 1	6 27	23 31		n.a.
S 22	19 45	9 6	2 52	18 34	1 10	24 56	1 31	21 40	0 43	18 13	1 33	23 15	2 17	19 54	0 11	18 13	0 31	26 3	14 47	7 1	6 26	23 29		n.a.
S 23	19 59	3 15	1 53	19 15	1 17	25 3	1 32	21 31	0 42	18 10	1 33	23 14	2 17	19 55	0 11	18 14	0 31	26 2	14 47	7 2	6 25	23 26		n.a.
M24	20 13	2n52	0 47	19 54	1 23	25 11	1 32	21 21	0 41	18 8	1 33	23 13	2 17	19 56	0 11	18 14	0 31	26 1	14 46	7 3	6 23	23 24		n.a.
T 25	20 26	9 3	0n23	20 31	1 29	25 17	1 32	21 11	0 40	18 5	1 32	23 12	2 17	19 57	0 11	18 15	0 31	26 1	14 46	7 3	6 22	23 22		n.a.
W26	20 39	15 1	1 33	21 7	1 34	25 23	1 33	21 1	0 39	18 3	1 32	23 11	2 17	19 58	0 11	18 16	0 31	26 0	14 45	7 2	6 21	23 20		n.a.
T 27	20 52	20 26	2 40	21 40	1 38	25 27	1 33	20 50	0 38	18 0	1 32	23 10	2 17	19 59	0 11	18 16	0 31	25 59	14 44	7 1	6 20	23 18		n.a.
F 28	21 4	24 52	3 39	22 11	1 41	25 31	1 33	20 40	0 37	17 58	1 31	23 9	2 17	20 0	0 11	18 17	0 31	25 58	14 44	6 59	6 18	23 16		n.a.
S 29	21 16	27 52	4 26	22 40	1 44	25 35	1 33	20 29	0 36	17 55	1 31	23 7	2 16	20 0	0 11	18 17	0 31	25 58	14 43	6 56	6 17	23 13		n.a.
S 30	21n28	29n 2	4n56	23n 6	1n46	25n37	1n33	20n18	0n34	17n52	1n31	23n 6	2n16	20n 1	0n11	18n18	0s31	25n57	14n43	6n53	6n16	23s11		n.a.

Julian Day Number = 196655.5, Delta T = 32h17m57s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'29, Lahiri = -61°18'28 Julian Calendar 1 June 4175 BCE == Greg. Calendar 29 Apr. 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

JULY 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 26 7	4♊32'40	16♋11	4♊59	27♊40	4♌56	16♌19	29♋20	26♉13	22♉ 4	28♌38	16°R57	15♈26	8♒41	n.a.	M 1
T 2	16 30 4	5°30'58	0♌45	6°55	28°54	5°37	16°27	29°25	26°17	22° 6	28°39	16♈52	15°23	8°48	n.a.	T 2
W 3	16 34 0	6°29'18	15°13	8°49	0♋ 7	6°18	16°35	29°30	26°20	22° 8	28°39	16°48	15°20	8°54	n.a.	W 3
T 4	16 37 57	7°27'40	29°29	10°42	1°21	6°59	16°44	29°35	26°24	22°11	28°40	16°46	15°17	9° 1	n.a.	T 4
F 5	16 41 53	8°26'04	13♍32	12°34	2°35	7°40	16°52	29°40	26°28	22°13	28°41	16°D46	15°14	9° 8	n.a.	F 5
S 6	16 45 50	9°24'30	27°20	14°25	3°49	8°22	17° 0	29°46	26°32	22°15	28°42	16°46	15°10	9°14	n.a.	S 6
S 7	16 49 46	10°22'57	10♎54	16°15	5° 3	9° 3	17° 9	29°51	26°35	22°17	28°43	16°R47	15° 7	9°21	n.a.	S 7
M 8	16 53 43	11°21'26	24°16	18° 4	6°17	9°45	17°18	29°56	26°39	22°19	28°43	16°47	15° 4	9°28	n.a.	M 8
T 9	16 57 39	12°19'57	7♏25	19°52	7°31	10°26	17°27	0♌ 2	26°42	22°21	28°44	16°45	15° 1	9°35	n.a.	T 9
W10	17 1 36	13°18'31	20°23	21°38	8°45	11° 8	17°36	0° 7	26°46	22°23	28°45	16°41	14°58	9°41	n.a.	W10
T 11	17 5 33	14°17'06	3♐ 9	23°23	9°59	11°50	17°45	0°13	26°50	22°26	28°46	16°34	14°55	9°48	n.a.	T 11
F 12	17 9 29	15°15'44	15°45	25° 8	11°12	12°32	17°54	0°18	26°53	22°28	28°47	16°25	14°51	9°55	n.a.	F 12
S 13	17 13 26	16°14'23	28° 9	26°51	12°26	13°14	18° 3	0°24	26°57	22°30	28°48	16°14	14°48	10° 1	n.a.	S 13
S 14	17 17 22	17°13'05	10♑23	28°33	13°40	13°56	18°13	0°29	27° 1	22°32	28°49	16° 2	14°45	10° 8	n.a.	S 14
M15	17 21 19	18°11'50	22°27	0♋14	14°54	14°38	18°22	0°35	27° 4	22°34	28°50	15°51	14°42	10°15	n.a.	M15
T 16	17 25 15	19°10'37	4♒24	1°54	16° 8	15°20	18°32	0°41	27° 8	22°36	28°52	15°42	14°39	10°22	n.a.	T 16
W17	17 29 12	20° 9'26	16°15	3°33	17°21	16° 3	18°42	0°47	27°11	22°38	28°53	15°34	14°36	10°28	n.a.	W17
T 18	17 33 8	21° 8'17	28° 5	5°11	18°35	16°45	18°51	0°52	27°15	22°40	28°54	15°29	14°32	10°35	n.a.	T 18
F 19	17 37 5	22° 7'11	9♓58	6°48	19°49	17°28	19° 1	0°58	27°18	22°42	28°55	15°26	14°29	10°42	n.a.	F 19
S 20	17 41 1	23° 6'08	21°58	8°24	21° 3	18°10	19°11	1° 4	27°22	22°44	28°56	15°D26	14°26	10°48	n.a.	S 20
S 21	17 44 58	24° 5'07	4♈11	9°59	22°16	18°53	19°22	1°10	27°25	22°46	28°58	15°26	14°23	10°55	n.a.	S 21
M22	17 48 55	25° 4'09	16°42	11°33	23°30	19°36	19°32	1°16	27°29	22°48	28°59	15°R26	14°20	11° 2	n.a.	M22
T 23	17 52 51	26° 3'13	29°36	13° 6	24°44	20°19	19°42	1°22	27°32	22°50	29° 0	15°25	14°16	11° 8	n.a.	T 23
W24	17 56 48	27° 2'20	12♉57	14°38	25°57	21° 2	19°53	1°28	27°35	22°52	29° 2	15°22	14°13	11°15	n.a.	W24
T 25	18 0 44	28° 1'29	26°45	16° 9	27°11	21°45	20° 3	1°35	27°39	22°54	29° 3	15°17	14°10	11°22	n.a.	T 25
F 26	18 4 41	29° 0'41	11♊ 1	17°39	28°25	22°28	20°14	1°41	27°42	22°56	29° 5	15° 9	14° 7	11°29	n.a.	F 26
S 27	18 8 37	29°59'56	25°41	19° 8	29°38	23°11	20°24	1°47	27°45	22°58	29° 6	14°59	14° 4	11°35	n.a.	S 27
S 28	18 12 34	0♋59'12	10♋36	20°37	0♌52	23°55	20°35	1°53	27°49	22°59	29° 8	14°48	14° 1	11°42	n.a.	S 28
M29	18 16 30	1°58'31	25°38	22° 4	2° 6	24°38	20°46	2° 0	27°52	23° 1	29° 9	14°37	13°57	11°49	n.a.	M29
T 30	18 20 27	2°57'53	10♌38	23°30	3°19	25°21	20°57	2° 6	27°55	23° 3	29°11	14°28	13°54	11°55	n.a.	T 30
W31	18 24 23	3♋57'16	25♌25	24♋55	4♌33	26♌ 5	21♌ 8	2♌12	27♉58	23♉ 5	29♌12	14♈21	13♈51	12♒ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n39	28n11	5n 7	23n30	1n48	25n39	1n33	20n 7	0n33	17n50	1n31	23n 5	2n16	20n 2	0n11	18n19	0s31	25n56	14n42	6n51	6n15	23s 9			n.a.
T 2	21 50	25 24	4 58	23 52	1 49	25 40	1 33	19 55	0 32	17 47	1 30	23 4	2 16	20 3	0 11	18 19	0 31	25 55	14 42	6 48	6 13	23 7			n.a.
W 3	22 0	21 1	4 30	24 12	1 49	25 40	1 33	19 44	0 31	17 44	1 30	23 3	2 16	20 4	0 11	18 20	0 31	25 55	14 41	6 47	6 12	23 5			n.a.
T 4	22 10	15 29	3 46	24 29	1 49	25 39	1 33	19 32	0 30	17 41	1 30	23 1	2 16	20 5	0 11	18 20	0 30	25 54	14 41	6 46	6 11	23 2			n.a.
F 5	22 20	9 14	2 49	24 44	1 48	25 38	1 32	19 20	0 29	17 38	1 30	23 0	2 16	20 6	0 11	18 21	0 30	25 53	14 40	6 46	6 10	23 0			n.a.
S 6	22 29	2 39	1 42	24 57	1 47	25 35	1 32	19 8	0 28	17 35	1 29	22 59	2 16	20 7	0 11	18 22	0 30	25 52	14 39	6 46	6 8	22 58			n.a.
S 7	22 38	3s57	0 32	25 8	1 46	25 32	1 31	18 56	0 27	17 33	1 29	22 58	2 15	20 8	0 12	18 22	0 30	25 51	14 39	6 47	6 7	22 56			n.a.
M 8	22 47	10 17	0s40	25 17	1 43	25 28	1 31	18 43	0 26	17 30	1 29	22 56	2 15	20 9	0 12	18 23	0 30	25 51	14 38	6 47	6 6	22 54			n.a.
T 9	22 55	16 4	1 48	25 24	1 41	25 24	1 30	18 31	0 25	17 26	1 28	22 55	2 15	20 9	0 12	18 23	0 30	25 50	14 38	6 46	6 5	22 51			n.a.
W10	23 2	21 4	2 49	25 28	1 38	25 18	1 29	18 18	0 24	17 23	1 28	22 54	2 15	20 10	0 12	18 24	0 30	25 49	14 37	6 44	6 3	22 49			n.a.
T 11	23 10	25 0	3 41	25 31	1 35	25 12	1 29	18 5	0 23	17 20	1 28	22 52	2 15	20 11	0 12	18 24	0 30	25 48	14 37	6 41	6 2	22 47			n.a.
F 12	23 16	27 39	4 21	25 32	1 31	25 5	1 28	17 52	0 22	17 17	1 28	22 51	2 15	20 12	0 12	18 25	0 30	25 47	14 36	6 38	6 1	22 45			n.a.
S 13	23 23	28 54	4 48	25 32	1 27	24 57	1 27	17 39	0 21	17 14	1 27	22 50	2 15	20 13	0 12	18 25	0 30	25 46	14 36	6 33	6 0	22 42			n.a.
S 14	23 29	28 42	5 1	25 29	1 23	24 49	1 26	17 25	0 19	17 11	1 27	22 48	2 15	20 14	0 12	18 26	0 30	25 45	14 35	6 29	5 58	22 40			n.a.
M15	23 34	27 8	5 1	25 25	1 18	24 40	1 25	17 12	0 18	17 7	1 27	22 47	2 14	20 15	0 12	18 27	0 30	25 44	14 35	6 25	5 57	22 38			n.a.
T 16	23 40	24 20	4 47	25 19	1 13	24 30	1 24	16 58	0 17	17 4	1 27	22 45	2 14	20 16	0 12	18 27	0 30	25 44	14 34	6 21	5 56	22 35			n.a.
W17	23 44	20 33	4 21	25 12	1 8	24 19	1 22	16 44	0 16	17 1	1 26	22 44	2 14	20 16	0 12	18 28	0 30	25 43	14 34	6 18	5 55	22 33			n.a.
T 18	23 48	15 57	3 44	25 3	1 2	24 8	1 21	16 30	0 15	16 57	1 26	22 43	2 14	20 17	0 12	18 28	0 30	25 42	14 33	6 16	5 53	22 31			n.a.
F 19	23 52	10 46	2 57	24 53	0 57	23 55	1 20	16 16	0 14	16 54	1 26	22 41	2 14	20 18	0 12	18 29	0 30	25 41	14 33	6 15	5 52	22 29			n.a.
S 20	23 56	5 7	2 1	24 41	0 51	23 42	1 18	16 1	0 13	16 50	1 26	22 40	2 14	20 19	0 12	18 29	0 30	25 40	14 32	6 14	5 51	22 26			n.a.
S 21	23 59	0n48	0 59	24 28	0 45	23 29	1 17	15 47	0 12	16 47	1 26	22 38	2 14	20 20	0 12	18 30	0 30	25 39	14 31	6 14	5 49	22 24			n.a.
M22	24 1	6 51	0n 7	24 14	0 38	23 15	1 15	15 32	0 11	16 43	1 25	22 37	2 14	20 21	0 12	18 30	0 30	25 38	14 31	6 15	5 48	22 22			n.a.
T 23	24 3	12 48	1 14	23 59	0 32	23 0	1 14	15 17	0 10	16 40	1 25	22 35	2 14	20 21	0 12	18 31	0 30	25 37	14 30	6 14	5 47	22 19			n.a.
W24	24 5	18 23	2 20	23 42	0 25	22 44	1 12	15 2	0 9	16 36	1 25	22 34	2 14	20 22	0 12	18 31	0 30	25 36	14 30	6 13	5 46	22 17			n.a.
T 25	24 6	23 13	3 20	23 25	0 18	22 28	1 10	14 47	0 8	16 33	1 25	22 32	2 14	20 23	0 12	18 32	0 30	25 35	14 30	6 11	5 44	22 15			n.a.
F 26	24 7	26 51	4 10	23 6	0 11	22 11	1 8	14 32	0 7	16 29	1 24	22 31	2 14	20 24	0 12	18 32	0 30	25 34	14 29	6 8	5 43	22 12			n.a.
S 27	24 7	28 46	4 44	22 47	0 4	21 53	1 7	14 16	0 6	16 25	1 24	22 29	2 13	20 25	0 12	18 33	0 30	25 33	14 29	6 4	5 42	22 10			n.a.
S 28	24 7	28 39	5 0	22 26	0s 3	21 35	1 5	14 1	0 5	16 21	1 24	22 28	2 13	20 25	0 12	18 33	0 30	25 32	14 28	5 59	5 41	22 8			n.a.
M29	24 6	26 26	4 55	22 5	0 10	21 16	1 3	13 45	0 4	16 18	1 24	22 26	2 13	20 26	0 12	18 34	0 30	25 31	14 28	5 55	5 39	22 5			n.a.
T 30	24 5	22 23	4 30	21 43	0 18	20 57	1 0	13 29	0 3	16 14	1 24	22 25	2 13	20 27	0 12	18 34	0 30	25 30	14 27	5 51	5 38	22 3			n.a.
W31	24n 3	16n58	3n47	21n20	0s25	20n37	0n58	13n13	0n 2	16n10	1n23	22n23	2n13	20n28	0n12	18n35	0s30	25n29	14n27	5n49	5n37	22s 1			n.a.

Julian Day Number = 196685.5, Delta T = 32h17m54s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'25, Lahiri = -61°18'24 Julian Calendar 1 July 4175 BCE == Greg. Calendar 29 May 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

AUGUST 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 28 20	4♋56'41	9♍55	26♋19	5♌46	26♌49	21♌19	2♌19	28♉ 2	23♉ 7	29♌14	14°R16	13♈48	12♒ 9	n.a.	T 1
F 2	18 32 16	5°56'08	24° 3	27°42	7° 0	27°32	21°31	2°25	28° 5	23° 8	29°16	14♈15	13°45	12°16	n.a.	F 2
S 3	18 36 13	6°55'37	7♎50	29° 4	8°13	28°16	21°42	2°32	28° 8	23°10	29°17	14°14	13°42	12°22	n.a.	S 3
S 4	18 40 9	7°55'08	21°16	0♌25	9°27	29° 0	21°53	2°38	28°11	23°12	29°19	14°14	13°38	12°29	n.a.	S 4
M 5	18 44 6	8°54'41	4♏24	1°45	10°40	29°44	22° 5	2°45	28°14	23°14	29°21	14°13	13°35	12°36	n.a.	M 5
T 6	18 48 3	9°54'16	17°17	3° 3	11°54	0♍28	22°16	2°51	28°17	23°15	29°22	14°10	13°32	12°42	n.a.	T 6
W 7	18 51 59	10°53'53	29°57	4°20	13° 7	1°12	22°28	2°58	28°20	23°17	29°24	14° 4	13°29	12°49	n.a.	W 7
T 8	18 55 56	11°53'33	12♐26	5°36	14°21	1°56	22°40	3° 5	28°23	23°18	29°26	13°55	13°26	12°56	n.a.	T 8
F 9	18 59 52	12°53'14	24°46	6°50	15°34	2°40	22°51	3°11	28°26	23°20	29°28	13°43	13°22	13° 3	n.a.	F 9
S 10	19 3 49	13°52'58	6♑57	8° 2	16°47	3°25	23° 3	3°18	28°29	23°22	29°30	13°29	13°19	13° 9	n.a.	S 10
S 11	19 7 45	14°52'44	19° 2	9°13	18° 0	4° 9	23°15	3°25	28°32	23°23	29°31	13°15	13°16	13°16	n.a.	S 11
M12	19 11 42	15°52'32	1♒ 0	10°22	19°14	4°53	23°27	3°32	28°35	23°25	29°33	13° 0	13°13	13°23	n.a.	M12
T 13	19 15 38	16°52'22	12°53	11°28	20°27	5°38	23°39	3°38	28°37	23°26	29°35	12°48	13°10	13°29	n.a.	T 13
W14	19 19 35	17°52'15	24°43	12°33	21°40	6°22	23°51	3°45	28°40	23°28	29°37	12°37	13° 7	13°36	n.a.	W14
T 15	19 23 31	18°52'10	6♓32	13°35	22°53	7° 7	24° 3	3°52	28°43	23°29	29°39	12°30	13° 3	13°43	n.a.	T 15
F 16	19 27 28	19°52'08	18°24	14°35	24° 6	7°52	24°16	3°59	28°46	23°31	29°41	12°25	13° 0	13°49	n.a.	F 16
S 17	19 31 24	20°52'07	0♈23	15°31	25°20	8°36	24°28	4° 6	28°48	23°32	29°43	12°23	12°57	13°56	n.a.	S 17
S 18	19 35 21	21°52'10	12°33	16°25	26°33	9°21	24°40	4°12	28°51	23°33	29°45	12°D23	12°54	14° 3	n.a.	S 18
M19	19 39 17	22°52'14	24°59	17°14	27°46	10° 6	24°53	4°19	28°54	23°35	29°47	12°R23	12°51	14°10	n.a.	M19
T 20	19 43 14	23°52'21	7♉48	18° 0	28°59	10°51	25° 5	4°26	28°56	23°36	29°49	12°22	12°48	14°16	n.a.	T 20
W21	19 47 11	24°52'31	21° 3	18°42	0♍12	11°36	25°18	4°33	28°59	23°37	29°51	12°20	12°44	14°23	n.a.	W21
T 22	19 51 7	25°52'43	4♊48	19°19	1°25	12°21	25°30	4°40	29° 1	23°39	29°53	12°15	12°41	14°30	n.a.	T 22
F 23	19 55 4	26°52'58	19° 3	19°51	2°38	13° 6	25°43	4°47	29° 3	23°40	29°55	12° 7	12°38	14°36	n.a.	F 23
S 24	19 59 0	27°53'14	3♋46	20°16	3°51	13°51	25°56	4°54	29° 6	23°41	29°57	11°58	12°35	14°43	n.a.	S 24
S 25	20 2 57	28°53'33	18°50	20°36	5° 3	14°36	26° 8	5° 1	29° 8	23°42	29°59	11°47	12°32	14°50	n.a.	S 25
M26	20 6 53	29°53'54	4♌ 6	20°49	6°16	15°22	26°21	5° 8	29°10	23°43	0♍ 2	11°36	12°28	14°57	n.a.	M26
T 27	20 10 50	0♌54'17	19°23	20°R54	7°29	16° 7	26°34	5°15	29°13	23°44	0° 4	11°27	12°25	15° 3	n.a.	T 27
W28	20 14 46	1°54'42	4♍30	20°50	8°42	16°52	26°47	5°22	29°15	23°45	0° 6	11°19	12°22	15°10	n.a.	W28
T 29	20 18 43	2°55'09	19°17	20°38	9°55	17°38	27° 0	5°29	29°17	23°47	0° 8	11°15	12°19	15°17	n.a.	T 29
F 30	20 22 39	3°55'37	3♎40	20°17	11° 7	18°23	27°13	5°36	29°19	23°48	0°11	11°13	12°16	15°23	n.a.	F 30
S 31	20 26 36	4♌56'07	17♎36	19♌47	12♍20	19♍ 9	27♌26	5♌43	29♉21	23♉49	0♍13	11°D13	12♈13	15♒30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	24n 1	10n41	2n51	20n57	0s33	20n16	0n56	12n57	0n 1	16n 6	1n23	22n22	2n13	20n28	0n12	18n35	0s30	25n28	14n26	5n47	5n36	21s58			n.a.
F 2	23 59	4 1	1 44	20 33	0 41	19 55	0 54	12 41	0 1	16 2	1 23	22 20	2 13	20 29	0 12	18 36	0 30	25 27	14 26	5 46	5 34	21 56			n.a.
S 3	23 56	2s40	0 34	20 8	0 48	19 33	0 52	12 24	0s 0	15 58	1 23	22 18	2 13	20 30	0 12	18 36	0 30	25 26	14 25	5 46	5 33	21 53			n.a.
S 4	23 52	9 6	0s37	19 43	0 56	19 11	0 49	12 8	0 1	15 54	1 23	22 17	2 13	20 31	0 12	18 37	0 30	25 25	14 25	5 46	5 32	21 51			n.a.
M 5	23 48	14 59	1 44	19 18	1 4	18 48	0 47	11 51	0 2	15 50	1 22	22 15	2 13	20 31	0 12	18 37	0 30	25 24	14 24	5 46	5 30	21 49			n.a.
T 6	23 44	20 6	2 45	18 52	1 12	18 25	0 44	11 34	0 3	15 46	1 22	22 14	2 13	20 32	0 12	18 37	0 30	25 23	14 24	5 44	5 29	21 46			n.a.
W 7	23 39	24 13	3 36	18 26	1 19	18 1	0 42	11 17	0 4	15 42	1 22	22 12	2 13	20 33	0 12	18 38	0 30	25 22	14 24	5 42	5 28	21 44			n.a.
T 8	23 34	27 9	4 16	18 0	1 27	17 37	0 39	11 0	0 5	15 38	1 22	22 10	2 13	20 33	0 12	18 38	0 30	25 21	14 23	5 38	5 27	21 41			n.a.
F 9	23 28	28 43	4 43	17 34	1 35	17 12	0 36	10 43	0 6	15 34	1 22	22 9	2 13	20 34	0 12	18 39	0 30	25 20	14 23	5 34	5 25	21 39			n.a.
S 10	23 22	28 52	4 57	17 8	1 42	16 47	0 34	10 26	0 7	15 30	1 21	22 7	2 13	20 35	0 12	18 39	0 30	25 19	14 22	5 28	5 24	21 36			n.a.
S 11	23 15	27 38	4 57	16 41	1 50	16 21	0 31	10 8	0 8	15 25	1 21	22 5	2 13	20 36	0 12	18 39	0 30	25 17	14 22	5 22	5 23	21 34			n.a.
M12	23 8	25 7	4 45	16 16	1 58	15 55	0 28	9 51	0 9	15 21	1 21	22 4	2 13	20 36	0 12	18 40	0 30	25 16	14 22	5 17	5 22	21 32			n.a.
T 13	23 1	21 33	4 19	15 50	2 5	15 29	0 25	9 33	0 10	15 17	1 21	22 2	2 13	20 37	0 12	18 40	0 30	25 15	14 21	5 11	5 20	21 29			n.a.
W14	22 53	17 8	3 43	15 25	2 12	15 2	0 22	9 16	0 11	15 13	1 21	22 0	2 13	20 37	0 12	18 41	0 30	25 14	14 21	5 7	5 19	21 27			n.a.
T 15	22 45	12 5	2 57	15 0	2 19	14 35	0 19	8 58	0 12	15 8	1 21	21 59	2 13	20 38	0 12	18 41	0 30	25 13	14 20	5 4	5 18	21 24			n.a.
F 16	22 36	6 35	2 3	14 36	2 26	14 7	0 17	8 40	0 12	15 4	1 20	21 57	2 13	20 39	0 12	18 41	0 30	25 12	14 20	5 3	5 17	21 22			n.a.
S 17	22 27	0 48	1 3	14 13	2 32	13 39	0 14	8 22	0 13	15 0	1 20	21 55	2 13	20 39	0 12	18 42	0 30	25 11	14 20	5 2	5 15	21 19			n.a.
S 18	22 17	5n 6	0n 1	13 51	2 39	13 11	0 10	8 4	0 14	14 55	1 20	21 54	2 13	20 40	0 12	18 42	0 30	25 10	14 19	5 2	5 14	21 17			n.a.
M19	22 7	10 58	1 6	13 30	2 44	12 42	0 7	7 46	0 15	14 51	1 20	21 52	2 13	20 41	0 12	18 42	0 30	25 9	14 19	5 2	5 13	21 14			n.a.
T 20	21 56	16 33	2 10	13 11	2 50	12 13	0 4	7 28	0 16	14 46	1 20	21 50	2 13	20 41	0 12	18 43	0 30	25 8	14 19	5 1	5 11	21 12			n.a.
W21	21 45	21 34	3 9	12 53	2 55	11 44	0 1	7 9	0 17	14 42	1 20	21 48	2 13	20 42	0 12	18 43	0 30	25 7	14 18	5 0	5 10	21 9			n.a.
T 22	21 34	25 37	4 0	12 37	2 59	11 15	0s 2	6 51	0 18	14 37	1 20	21 47	2 13	20 42	0 12	18 43	0 30	25 6	14 18	4 58	5 9	21 7			n.a.
F 23	21 22	28 15	4 37	12 23	3 3	10 45	0 5	6 32	0 18	14 33	1 19	21 45	2 13	20 43	0 12	18 44	0 30	25 4	14 18	4 55	5 8	21 4			n.a.
S 24	21 10	29 2	4 58	12 12	3 6	10 15	0 8	6 14	0 19	14 28	1 19	21 43	2 13	20 43	0 12	18 44	0 30	25 3	14 17	4 51	5 6	21 2			n.a.
S 25	20 58	27 41	4 59	12 4	3 8	9 44	0 12	5 55	0 20	14 24	1 19	21 41	2 13	20 44	0 12	18 44	0 30	25 2	14 17	4 47	5 5	20 59			n.a.
M26	20 45	24 16	4 39	11 59	3 9	9 14	0 15	5 36	0 21	14 19	1 19	21 40	2 13	20 45	0 12	18 45	0 30	25 1	14 17	4 43	5 4	20 57			n.a.
T 27	20 31	19 11	3 58	11 57	3 9	8 43	0 18	5 18	0 22	14 14	1 19	21 38	2 13	20 45	0 12	18 45	0 30	25 0	14 16	4 39	5 3	20 54			n.a.
W28	20 18	12 56	3 2	12 0	3 8	8 12	0 22	4 59	0 23	14 10	1 19	21 36	2 13	20 46	0 12	18 45	0 30	24 59	14 16	4 36	5 1	20 52			n.a.
T 29	20 3	6 5	1 54	12 6	3 5	7 41	0 25	4 40	0 23	14 5	1 19	21 34	2 13	20 46	0 12	18 45	0 30	24 58	14 16	4 34	5 0	20 49			n.a.
F 30	19 49	0s53	0 40	12 17	3 1	7 10	0 28	4 21	0 24	14 0	1 18	21 33	2 13	20 47	0 12	18 46	0 30	24 57	14 16	4 34	4 59	20 47			n.a.
S 31	19n34	7s37	0s34	12n32	2s55	6n38	0s32	4n 2	0s25	13n56	1n18	21n31	2n13	20n47	0n12	18n46	0s30	24n56	14n15	4n34	4n57	20s44			n.a.

Julian Day Number = 196716.5, Delta T = 32h17m51s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'20, Lahiri = -61°18'20 Julian Calendar 1 Aug. 4175 BCE == Greg. Calendar 29 June 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

SEPTEMBER 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 30 32	5♌56'38	1♏ 6	19°R 7	13♍32	19♍55	27♌39	5♌50	29♉23	23♉49	0♍15	11°R14	12♈ 9	15♒37	n.a.	S 1
M 2	20 34 29	6°57'11	14°13	18♌17	14°45	20°40	27°52	5°56	29°25	23°50	0°17	11♈13	12° 6	15°43	n.a.	M 2
T 3	20 38 26	7°57'46	27° 0	17°19	15°57	21°26	28° 5	6° 3	29°27	23°51	0°20	11°12	12° 3	15°50	n.a.	T 3
W 4	20 42 22	8°58'22	9♐31	16°12	17°10	22°12	28°18	6°10	29°29	23°52	0°22	11° 7	12° 0	15°57	n.a.	W 4
T 5	20 46 19	9°59'00	21°49	15° 0	18°22	22°57	28°31	6°17	29°31	23°53	0°24	11° 0	11°57	16° 4	n.a.	T 5
F 6	20 50 15	10°59'40	3♑57	13°43	19°35	23°43	28°44	6°24	29°32	23°54	0°26	10°51	11°54	16°10	n.a.	F 6
S 7	20 54 12	12° 0'21	15°59	12°23	20°47	24°29	28°58	6°31	29°34	23°55	0°29	10°40	11°50	16°17	n.a.	S 7
S 8	20 58 8	13° 1'04	27°55	11° 4	21°59	25°15	29°11	6°38	29°36	23°55	0°31	10°28	11°47	16°24	n.a.	S 8
M 9	21 2 5	14° 1'48	9♒49	9°47	23°11	26° 1	29°24	6°45	29°37	23°56	0°33	10°17	11°44	16°30	n.a.	M 9
T 10	21 6 1	15° 2'34	21°40	8°36	24°23	26°47	29°38	6°52	29°39	23°57	0°36	10° 7	11°41	16°37	n.a.	T 10
W11	21 9 58	16° 3'21	3♓30	7°32	25°35	27°33	29°51	6°59	29°41	23°57	0°38	9°58	11°38	16°44	n.a.	W11
T 12	21 13 54	17° 4'11	15°22	6°37	26°47	28°19	0♍ 4	7° 6	29°42	23°58	0°41	9°53	11°34	16°50	n.a.	T 12
F 13	21 17 51	18° 5'01	27°18	5°53	27°59	29° 5	0°18	7°13	29°43	23°58	0°43	9°49	11°31	16°57	n.a.	F 13
S 14	21 21 48	19° 5'54	9♈20	5°21	29°11	29°52	0°31	7°20	29°45	23°59	0°45	9°D48	11°28	17° 4	n.a.	S 14
S 15	21 25 44	20° 6'48	21°32	5° 0	0♎23	0♎38	0°44	7°27	29°46	23°59	0°48	9°49	11°25	17°11	n.a.	S 15
M16	21 29 41	21° 7'45	3♉59	4°D51	1°35	1°24	0°58	7°33	29°47	24° 0	0°50	9°50	11°22	17°17	n.a.	M16
T 17	21 33 37	22° 8'42	16°44	4°53	2°46	2°10	1°11	7°40	29°48	24° 0	0°53	9°R51	11°19	17°24	n.a.	T 17
W18	21 37 34	23° 9'42	29°52	5° 6	3°58	2°57	1°25	7°47	29°50	24° 1	0°55	9°51	11°15	17°31	n.a.	W18
T 19	21 41 30	24°10'44	13♊27	5°28	5°10	3°43	1°38	7°54	29°51	24° 1	0°57	9°49	11°12	17°37	n.a.	T 19
F 20	21 45 27	25°11'47	27°30	6° 0	6°21	4°29	1°52	8° 1	29°52	24° 1	1° 0	9°46	11° 9	17°44	n.a.	F 20
S 21	21 49 23	26°12'51	12♋ 1	6°40	7°33	5°16	2° 6	8° 7	29°53	24° 2	1° 2	9°40	11° 6	17°51	n.a.	S 21
S 22	21 53 20	27°13'58	26°55	7°27	8°44	6° 2	2°19	8°14	29°54	24° 2	1° 5	9°34	11° 3	17°57	n.a.	S 22
M23	21 57 16	28°15'05	12♌ 6	8°20	9°55	6°49	2°33	8°21	29°55	24° 2	1° 7	9°27	11° 0	18° 4	n.a.	M23
T 24	22 1 13	29°16'14	27°23	9°19	11° 6	7°35	2°46	8°28	29°55	24° 2	1° 9	9°21	10°56	18°11	n.a.	T 24
W25	22 5 10	0♍17'24	12♍36	10°23	12°18	8°22	3° 0	8°34	29°56	24° 3	1°12	9°17	10°53	18°18	n.a.	W25
T 26	22 9 6	1°18'35	27°35	11°30	13°29	9° 9	3°13	8°41	29°57	24° 3	1°14	9°14	10°50	18°24	n.a.	T 26
F 27	22 13 3	2°19'47	12♎11	12°42	14°40	9°55	3°27	8°48	29°57	24° 3	1°17	9°D14	10°47	18°31	n.a.	F 27
S 28	22 16 59	3°21'00	26°20	13°57	15°50	10°42	3°41	8°54	29°58	24° 3	1°19	9°15	10°44	18°38	n.a.	S 28
S 29	22 20 56	4°22'13	10♏ 1	15°14	17° 1	11°29	3°54	9° 1	29°59	24°R 3	1°22	9°16	10°40	18°44	n.a.	S 29
M30	22 24 52	5♍23'27	23♏16	16♌34	18♎12	12♎15	4♍ 8	9♌ 7	29♉59	24♉ 3	1♍24	9♈18	10♈37	18♒51	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n19	13s48	1s44	12n52	2s47	6n 7	0s35	3n43	0s26	13n51	1n18	21n29	2n13	20n47	0n12	18n46	0s30	24n55	14n15	4n34	4n56	20s42		n.a.
M 2	19 3	19 11	2 46	13 17	2 37	5 35	0 38	3 24	0 27	13 46	1 18	21 27	2 13	20 48	0 13	18 46	0 30	24 54	14 15	4 34	4 55	20 39		n.a.
T 3	18 47	23 34	3 38	13 47	2 26	5 3	0 42	3 4	0 27	13 41	1 18	21 26	2 13	20 48	0 13	18 47	0 30	24 52	14 15	4 33	4 54	20 37		n.a.
W 4	18 31	26 46	4 19	14 20	2 12	4 31	0 45	2 45	0 28	13 37	1 18	21 24	2 13	20 49	0 13	18 47	0 30	24 51	14 14	4 31	4 52	20 34		n.a.
T 5	18 15	28 38	4 47	14 57	1 56	3 59	0 49	2 26	0 29	13 32	1 18	21 22	2 13	20 49	0 13	18 47	0 30	24 50	14 14	4 28	4 51	20 31		n.a.
F 6	17 58	29 4	5 1	15 36	1 39	3 27	0 52	2 6	0 30	13 27	1 18	21 20	2 13	20 50	0 13	18 47	0 30	24 49	14 14	4 25	4 50	20 29		n.a.
S 7	17 40	28 8	5 2	16 17	1 20	2 54	0 55	1 47	0 31	13 22	1 18	21 19	2 13	20 50	0 13	18 47	0 30	24 48	14 14	4 20	4 49	20 26		n.a.
S 8	17 23	25 53	4 50	16 59	1 0	2 22	0 59	1 28	0 31	13 17	1 17	21 17	2 13	20 50	0 13	18 48	0 30	24 47	14 13	4 16	4 47	20 24		n.a.
M 9	17 5	22 32	4 25	17 40	0 40	1 50	1 2	1 8	0 32	13 12	1 17	21 15	2 13	20 51	0 13	18 48	0 30	24 46	14 13	4 11	4 46	20 21		n.a.
T 10	16 47	18 16	3 48	18 19	0 20	1 17	1 6	0 49	0 33	13 8	1 17	21 13	2 13	20 51	0 13	18 48	0 30	24 45	14 13	4 7	4 45	20 19		n.a.
W11	16 28	13 19	3 2	18 55	0n 0	0 45	1 9	0 29	0 34	13 3	1 17	21 12	2 13	20 52	0 13	18 48	0 30	24 44	14 13	4 3	4 43	20 16		n.a.
T 12	16 9	7 52	2 7	19 28	0 20	0 13	1 12	0 10	0 34	12 58	1 17	21 10	2 13	20 52	0 13	18 48	0 30	24 43	14 13	4 1	4 42	20 13		n.a.
F 13	15 50	2 7	1 7	19 57	0 38	0s20	1 16	0s10	0 35	12 53	1 17	21 8	2 13	20 52	0 13	18 48	0 30	24 42	14 13	4 0	4 41	20 11		n.a.
S 14	15 31	3n46	0 3	20 21	0 55	0 52	1 19	0 29	0 36	12 48	1 17	21 6	2 13	20 53	0 13	18 49	0 30	24 41	14 12	3 59	4 40	20 8		n.a.
S 15	15 11	9 36	1n 3	20 41	1 10	1 24	1 22	0 49	0 36	12 43	1 17	21 5	2 13	20 53	0 13	18 49	0 30	24 40	14 12	4 0	4 38	20 6		n.a.
M16	14 51	15 11	2 7	20 56	1 23	1 57	1 26	1 8	0 37	12 38	1 17	21 3	2 14	20 53	0 13	18 49	0 30	24 39	14 12	4 0	4 37	20 3		n.a.
T 17	14 31	20 16	3 6	21 7	1 35	2 29	1 29	1 28	0 38	12 33	1 17	21 1	2 14	20 53	0 13	18 49	0 30	24 38	14 12	4 1	4 36	20 0		n.a.
W18	14 11	24 33	3 57	21 14	1 46	3 1	1 32	1 47	0 38	12 28	1 17	20 59	2 14	20 54	0 13	18 49	0 30	24 36	14 12	4 1	4 34	19 58		n.a.
T 19	13 50	27 38	4 37	21 17	1 54	3 33	1 35	2 7	0 39	12 23	1 17	20 58	2 14	20 54	0 13	18 49	0 30	24 35	14 12	4 0	4 33	19 55		n.a.
F 20	13 29	29 7	5 2	21 16	2 1	4 5	1 38	2 26	0 40	12 18	1 16	20 56	2 14	20 54	0 13	18 49	0 30	24 34	14 12	3 58	4 32	19 52		n.a.
S 21	13 8	28 41	5 9	21 11	2 7	4 37	1 41	2 46	0 41	12 13	1 16	20 54	2 14	20 54	0 13	18 49	0 30	24 33	14 11	3 56	4 31	19 50		n.a.
S 22	12 47	26 11	4 55	21 3	2 12	5 9	1 45	3 5	0 41	12 7	1 16	20 52	2 14	20 55	0 13	18 49	0 30	24 32	14 11	3 53	4 29	19 47		n.a.
M23	12 25	21 48	4 21	20 52	2 15	5 41	1 48	3 25	0 42	12 2	1 16	20 51	2 14	20 55	0 13	18 49	0 30	24 31	14 11	3 51	4 28	19 44		n.a.
T 24	12 3	15 57	3 27	20 38	2 17	6 12	1 51	3 44	0 42	11 57	1 16	20 49	2 14	20 55	0 13	18 49	0 30	24 30	14 11	3 48	4 27	19 42		n.a.
W25	11 41	9 9	2 20	20 21	2 18	6 43	1 54	4 4	0 43	11 52	1 16	20 47	2 14	20 55	0 13	18 49	0 30	24 29	14 11	3 47	4 26	19 39		n.a.
T 26	11 19	1 57	1 3	20 2	2 19	7 15	1 56	4 23	0 44	11 47	1 16	20 46	2 15	20 55	0 13	18 49	0 30	24 28	14 11	3 46	4 24	19 36		n.a.
F 27	10 56	5s11	0s16	19 41	2 18	7 46	1 59	4 43	0 44	11 42	1 16	20 44	2 15	20 56	0 13	18 49	0 30	24 27	14 11	3 45	4 23	19 34		n.a.
S 28	10 34	11 52	1 32	19 17	2 17	8 16	2 2	5 2	0 45	11 37	1 16	20 42	2 15	20 56	0 13	18 49	0 30	24 26	14 11	3 46	4 22	19 31		n.a.
S 29	10 11	17 45	2 40	18 52	2 15	8 47	2 5	5 22	0 46	11 32	1 16	20 40	2 15	20 56	0 13	18 49	0 30	24 25	14 11	3 47	4 20	19 28		n.a.
M30	9n48	22s37	3s37	18n25	2n12	9s17	2s 8	5s41	0s46	11n27	1n16	20n39	2n15	20n56	0n13	18n49	0s30	24n25	14n11	3n47	4n19	19s26		n.a.

Julian Day Number = 196747.5, Delta T = 32h17m47s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'16, Lahiri = -61°18'16 Julian Calendar 1 Sept. 4175 BCE == Greg. Calendar 30 July 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

OCTOBER 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 28 49	6♍24'42	6♐ 7	17♌55	19♎23	13♎ 2	4♍21	9♌14	29♉59	24°R 3	1♍26	9°R18	10♈34	18♒58	n.a.	T 1
W 2	22 32 45	7°25'58	18°37	19°18	20°33	13°49	4°35	9°20	29°59	24♉ 3	1°29	9♈18	10°31	19° 4	n.a.	W 2
T 3	22 36 42	8°27'14	0♑52	20°43	21°43	14°36	4°49	9°26	0♊ 0	24° 2	1°31	9°16	10°28	19°11	n.a.	T 3
F 4	22 40 39	9°28'31	12°56	22° 9	22°54	15°22	5° 2	9°33	0° 0	24° 2	1°34	9°12	10°25	19°18	n.a.	F 4
S 5	22 44 35	10°29'49	24°52	23°36	24° 4	16° 9	5°16	9°39	0° 0	24° 2	1°36	9° 7	10°21	19°24	n.a.	S 5
S 6	22 48 32	11°31'06	6♒44	25° 4	25°14	16°56	5°29	9°45	0° 1	24° 2	1°38	9° 2	10°18	19°31	n.a.	S 6
M 7	22 52 28	12°32'25	18°34	26°32	26°24	17°43	5°43	9°52	0° 1	24° 2	1°41	8°57	10°15	19°38	n.a.	M 7
T 8	22 56 25	13°33'44	0♓26	28° 1	27°34	18°30	5°57	9°58	0°R 1	24° 1	1°43	8°53	10°12	19°45	n.a.	T 8
W 9	23 0 21	14°35'03	12°20	29°31	28°43	19°17	6°10	10° 4	0° 1	24° 1	1°46	8°49	10° 9	19°51	n.a.	W 9
T 10	23 4 18	15°36'23	24°19	1♍ 1	29°53	20° 3	6°24	10°10	0° 1	24° 1	1°48	8°47	10° 5	19°58	n.a.	T 10
F 11	23 8 15	16°37'44	6♈24	2°32	1♏ 2	20°50	6°37	10°16	0° 0	24° 0	1°50	8°D46	10° 2	20° 5	n.a.	F 11
S 12	23 12 11	17°39'05	18°37	4° 3	2°12	21°37	6°51	10°22	0° 0	24° 0	1°53	8°46	9°59	20°11	n.a.	S 12
S 13	23 16 8	18°40'27	1♉ 1	5°34	3°21	22°24	7° 4	10°28	29♉59	23°59	1°55	8°48	9°56	20°18	n.a.	S 13
M14	23 20 4	19°41'49	13°37	7° 5	4°30	23°11	7°18	10°34	29°59	23°59	1°57	8°49	9°53	20°25	n.a.	M14
T 15	23 24 1	20°43'12	26°28	8°37	5°39	23°58	7°31	10°40	29°59	23°58	2° 0	8°51	9°50	20°31	n.a.	T 15
W16	23 27 57	21°44'36	9♊38	10° 9	6°48	24°45	7°44	10°46	29°59	23°58	2° 2	8°52	9°46	20°38	n.a.	W16
T 17	23 31 54	22°46'00	23° 7	11°41	7°56	25°32	7°58	10°52	29°58	23°57	2° 4	8°R52	9°43	20°45	n.a.	T 17
F 18	23 35 51	23°47'25	6♋58	13°13	9° 5	26°19	8°11	10°57	29°58	23°56	2° 7	8°52	9°40	20°51	n.a.	F 18
S 19	23 39 47	24°48'51	21°11	14°46	10°13	27° 6	8°25	11° 3	29°57	23°56	2° 9	8°51	9°37	20°58	n.a.	S 19
S 20	23 43 44	25°50'16	5♌44	16°19	11°21	27°53	8°38	11° 9	29°57	23°55	2°11	8°49	9°34	21° 5	n.a.	S 20
M21	23 47 40	26°51'42	20°33	17°52	12°29	28°40	8°51	11°14	29°56	23°54	2°14	8°48	9°31	21°12	n.a.	M21
T 22	23 51 37	27°53'09	5♍31	19°25	13°37	29°27	9° 5	11°20	29°55	23°54	2°16	8°46	9°27	21°18	n.a.	T 22
W23	23 55 33	28°54'35	20°30	20°58	14°44	0♏14	9°18	11°25	29°54	23°53	2°18	8°45	9°24	21°25	n.a.	W23
T 24	23 59 30	29°56'01	5♎22	22°32	15°52	1° 1	9°31	11°31	29°53	23°52	2°20	8°D45	9°21	21°32	n.a.	T 24
F 25	0 3 27	0♎57'28	19°58	24° 6	16°59	1°48	9°44	11°36	29°53	23°51	2°22	8°45	9°18	21°38	n.a.	F 25
S 26	0 7 23	1°58'54	4♏13	25°40	18° 6	2°35	9°57	11°41	29°52	23°50	2°25	8°45	9°15	21°45	n.a.	S 26
S 27	0 11 20	3° 0'20	18° 3	27°14	19°12	3°22	10°10	11°47	29°51	23°49	2°27	8°46	9°11	21°52	n.a.	S 27
M28	0 15 16	4° 1'45	1♐27	28°49	20°19	4° 9	10°23	11°52	29°49	23°48	2°29	8°47	9° 8	21°58	n.a.	M28
T 29	0 19 13	5° 3'10	14°26	0♎24	21°25	4°57	10°36	11°57	29°48	23°48	2°31	8°47	9° 5	22° 5	n.a.	T 29
W30	0 23 9	6° 4'35	27° 2	1°59	22°31	5°44	10°49	12° 2	29°47	23°47	2°33	8°47	9° 2	22°12	n.a.	W30
T 31	0 27 6	7♎ 5'59	9♑20	3♎34	23♏37	6♏31	11♍ 2	12♌ 7	29♉46	23♉46	2♍35	8°R47	8♈59	22♒18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
T 1	9n25	26s14	4s22	17n56	2n 9	9s47	2s10	6s 0	0s47	11n21	1n16	20n37	2n15	20n56	0n13	18n49	0s30	24n24	14n11	3n47	4n18	19s23			n.a.	T 1
W 2	9 1	28 28	4 52	17 26	2 6	10 17	2 13	6 19	0 47	11 16	1 16	20 35	2 15	20 56	0 13	18 49	0 30	24 23	14 11	3 47	4 17	19 20			n.a.	W 2
T 3	8 38	29 16	5 9	16 55	2 2	10 47	2 15	6 39	0 48	11 11	1 16	20 34	2 15	20 56	0 13	18 49	0 30	24 22	14 11	3 46	4 15	19 18			n.a.	T 3
F 4	8 14	28 38	5 12	16 22	1 58	11 16	2 18	6 58	0 49	11 6	1 16	20 32	2 15	20 56	0 13	18 49	0 30	24 21	14 11	3 45	4 14	19 15			n.a.	F 4
S 5	7 50	26 41	5 1	15 49	1 53	11 45	2 20	7 17	0 49	11 1	1 16	20 31	2 16	20 57	0 13	18 49	0 30	24 20	14 11	3 43	4 13	19 12			n.a.	S 5
S 6	7 26	23 34	4 37	15 14	1 48	12 14	2 22	7 36	0 50	10 56	1 16	20 29	2 16	20 57	0 13	18 49	0 30	24 19	14 11	3 41	4 11	19 9			n.a.	S 6
M 7	7 2	19 30	4 1	14 38	1 43	12 42	2 25	7 55	0 50	10 50	1 16	20 27	2 16	20 57	0 13	18 49	0 30	24 18	14 11	3 39	4 10	19 7			n.a.	M 7
T 8	6 38	14 40	3 15	14 1	1 38	13 10	2 27	8 14	0 51	10 45	1 16	20 26	2 16	20 57	0 13	18 49	0 30	24 17	14 11	3 37	4 9	19 4			n.a.	T 8
W 9	6 14	9 16	2 20	13 24	1 32	13 38	2 29	8 32	0 51	10 40	1 16	20 24	2 16	20 57	0 13	18 49	0 30	24 16	14 11	3 36	4 8	19 1			n.a.	W 9
T 10	5 50	3 31	1 19	12 46	1 27	14 5	2 31	8 51	0 52	10 35	1 16	20 23	2 16	20 57	0 13	18 49	0 30	24 15	14 11	3 35	4 6	18 58			n.a.	T 10
F 11	5 25	2n25	0 13	12 7	1 21	14 32	2 33	9 10	0 52	10 30	1 16	20 21	2 17	20 57	0 13	18 49	0 30	24 15	14 11	3 34	4 5	18 56			n.a.	F 11
S 12	5 1	8 20	0n54	11 27	1 15	14 59	2 34	9 28	0 53	10 25	1 16	20 19	2 17	20 57	0 13	18 49	0 30	24 14	14 11	3 34	4 4	18 53			n.a.	S 12
S 13	4 36	14 1	2 0	10 47	1 8	15 25	2 36	9 47	0 53	10 19	1 16	20 18	2 17	20 57	0 13	18 49	0 30	24 13	14 11	3 35	4 2	18 50			n.a.	S 13
M14	4 11	19 14	3 1	10 7	1 2	15 51	2 38	10 5	0 54	10 14	1 16	20 16	2 17	20 57	0 13	18 48	0 30	24 12	14 11	3 36	4 1	18 47			n.a.	M14
T 15	3 47	23 42	3 54	9 26	0 56	16 16	2 39	10 24	0 54	10 9	1 16	20 15	2 17	20 56	0 14	18 48	0 30	24 11	14 11	3 36	4 0	18 45			n.a.	T 15
W16	3 22	27 4	4 36	8 44	0 49	16 41	2 41	10 42	0 55	10 4	1 16	20 13	2 17	20 56	0 14	18 48	0 30	24 10	14 11	3 37	3 59	18 42			n.a.	W16
T 17	2 57	29 0	5 4	8 2	0 43	17 6	2 42	11 0	0 55	9 59	1 16	20 12	2 17	20 56	0 14	18 48	0 30	24 10	14 12	3 37	3 57	18 39			n.a.	T 17
F 18	2 32	29 11	5 16	7 20	0 36	17 30	2 43	11 18	0 56	9 54	1 16	20 10	2 18	20 56	0 14	18 48	0 30	24 9	14 12	3 37	3 56	18 36			n.a.	F 18
S 19	2 7	27 28	5 9	6 37	0 30	17 53	2 44	11 36	0 56	9 49	1 16	20 9	2 18	20 56	0 14	18 48	0 30	24 8	14 12	3 36	3 55	18 34			n.a.	S 19
S 20	1 42	23 55	4 42	5 54	0 23	18 16	2 45	11 54	0 57	9 43	1 16	20 8	2 18	20 56	0 14	18 47	0 30	24 7	14 12	3 35	3 54	18 31			n.a.	S 20
M21	1 17	18 46	3 56	5 11	0 17	18 39	2 46	12 12	0 57	9 38	1 16	20 6	2 18	20 56	0 14	18 47	0 30	24 7	14 12	3 35	3 52	18 28			n.a.	M21
T 22	0 52	12 26	2 54	4 28	0 10	19 1	2 47	12 29	0 58	9 33	1 16	20 5	2 18	20 56	0 14	18 47	0 30	24 6	14 12	3 34	3 51	18 25			n.a.	T 22
W23	0 27	5 23	1 39	3 44	0 4	19 23	2 48	12 47	0 58	9 28	1 16	20 3	2 19	20 56	0 14	18 47	0 30	24 5	14 12	3 34	3 50	18 22			n.a.	W23
T 24	0 2	1s54	0 19	3 0	0s 3	19 44	2 48	13 4	0 59	9 23	1 16	20 2	2 19	20 55	0 14	18 47	0 30	24 4	14 12	3 34	3 48	18 20			n.a.	T 24
F 25	0s23	8 58	1s 2	2 16	0 9	20 4	2 49	13 21	0 59	9 18	1 16	20 1	2 19	20 55	0 14	18 46	0 30	24 4	14 13	3 34	3 47	18 17			n.a.	F 25
S 26	0 49	15 25	2 17	1 32	0 16	20 24	2 49	13 38	0 59	9 13	1 16	19 59	2 19	20 55	0 14	18 46	0 30	24 3	14 13	3 34	3 46	18 14			n.a.	S 26
S 27	1 14	20 54	3 21	0 48	0 22	20 44	2 49	13 55	1 0	9 8	1 16	19 58	2 19	20 55	0 14	18 46	0 30	24 2	14 13	3 34	3 45	18 11			n.a.	S 27
M28	1 39	25 9	4 13	0 4	0 28	21 3	2 49	14 12	1 0	9 3	1 16	19 57	2 20	20 55	0 14	18 46	0 30	24 2	14 13	3 34	3 43	18 8			n.a.	M28
T 29	2 4	27 58	4 49	0s41	0 34	21 21	2 49	14 29	1 1	8 58	1 16	19 55	2 20	20 54	0 14	18 46	0 30	24 1	14 13	3 35	3 42	18 5			n.a.	T 29
W30	2 29	29 16	5 11	1 25	0 40	21 38	2 49	14 46	1 1	8 52	1 16	19 54	2 20	20 54	0 14	18 45	0 30	24 0	14 14	3 35	3 41	18 3			n.a.	W30
T 31	2s54	29s 3	5s17	2s10	0s46	21s56	2s49	15s 2	1s 1	8n47	1n16	19n53	2n20	20n54	0n14	18n45	0s30	24n 0	14n14	3n35	3n39	18s 0			n.a.	T 31

Julian Day Number = 196777.5, Delta T = 32h17m44s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'12, Lahiri = -61°18'12 Julian Calendar 1 Oct. 4175 BCE == Greg. Calendar 29 Aug. 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

NOVEMBER 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 31 3	8♎ 7'22	21♉25	5♎10	24♏43	7♏18	11♍15	12♌12	29°R45	23°R44	2♍37	8°R47	8♈56	22♒25	n.a.	F 1
S 2	0 34 59	9° 8'44	3♒20	6°46	25°48	8° 5	11°28	12°16	29♉43	23♉43	2°39	8°D47	8°52	22°32	n.a.	S 2
S 3	0 38 56	10°10'06	15°10	8°23	26°53	8°52	11°41	12°21	29°42	23°42	2°42	8♈47	8°49	22°39	n.a.	S 3
M 4	0 42 52	11°11'27	27° 0	10° 0	27°58	9°39	11°54	12°26	29°41	23°41	2°44	8°47	8°46	22°45	n.a.	M 4
T 5	0 46 49	12°12'47	8♓53	11°37	29° 2	10°26	12° 6	12°30	29°39	23°40	2°46	8°48	8°43	22°52	n.a.	T 5
W 6	0 50 45	13°14'07	20°52	13°14	0♐ 7	11°13	12°19	12°35	29°38	23°39	2°48	8°48	8°40	22°59	n.a.	W 6
T 7	0 54 42	14°15'26	3♈ 0	14°52	1°10	12° 0	12°32	12°39	29°36	23°38	2°49	8°R48	8°36	23° 5	n.a.	T 7
F 8	0 58 39	15°16'44	15°18	16°31	2°14	12°47	12°44	12°44	29°34	23°36	2°51	8°48	8°33	23°12	n.a.	F 8
S 9	1 2 35	16°18'01	27°48	18°10	3°17	13°34	12°57	12°48	29°33	23°35	2°53	8°48	8°30	23°19	n.a.	S 9
S 10	1 6 32	17°19'18	10♉31	19°49	4°20	14°21	13° 9	12°52	29°31	23°34	2°55	8°47	8°27	23°25	n.a.	S 10
M11	1 10 28	18°20'34	23°27	21°29	5°23	15° 8	13°21	12°56	29°29	23°33	2°57	8°46	8°24	23°32	n.a.	M11
T 12	1 14 25	19°21'49	6♊37	23° 9	6°25	15°54	13°34	13° 0	29°28	23°31	2°59	8°45	8°21	23°39	n.a.	T 12
W13	1 18 22	20°23'04	20° 0	24°50	7°26	16°41	13°46	13° 4	29°26	23°30	3° 1	8°43	8°17	23°45	n.a.	W13
T 14	1 22 18	21°24'18	3♋36	26°31	8°28	17°28	13°58	13° 8	29°24	23°29	3° 3	8°42	8°14	23°52	n.a.	T 14
F 15	1 26 15	22°25'32	17°26	28°13	9°29	18°15	14°10	13°12	29°22	23°27	3° 4	8°D41	8°11	23°59	n.a.	F 15
S 16	1 30 11	23°26'45	1♌29	29°55	10°29	19° 2	14°22	13°16	29°20	23°26	3° 6	8°42	8° 8	24° 5	n.a.	S 16
S 17	1 34 8	24°27'57	15°43	1♏37	11°29	19°49	14°34	13°20	29°18	23°24	3° 8	8°42	8° 5	24°12	n.a.	S 17
M18	1 38 4	25°29'08	0♍ 7	3°20	12°29	20°36	14°46	13°23	29°16	23°23	3° 9	8°43	8° 2	24°19	n.a.	M18
T 19	1 42 1	26°30'19	14°37	5° 3	13°28	21°23	14°58	13°27	29°14	23°22	3°11	8°45	7°58	24°25	n.a.	T 19
W20	1 45 58	27°31'28	29° 8	6°46	14°27	22° 9	15°10	13°30	29°12	23°20	3°13	8°46	7°55	24°32	n.a.	W20
T 21	1 49 54	28°32'37	13♎37	8°29	15°25	22°56	15°22	13°33	29°10	23°19	3°14	8°R46	7°52	24°39	n.a.	T 21
F 22	1 53 51	29°33'44	27°56	10°12	16°22	23°43	15°33	13°37	29° 8	23°17	3°16	8°45	7°49	24°46	n.a.	F 22
S 23	1 57 47	0♏34'50	12♏ 0	11°55	17°20	24°30	15°45	13°40	29° 6	23°16	3°18	8°43	7°46	24°52	n.a.	S 23
S 24	2 1 44	1°35'55	25°47	13°38	18°16	25°16	15°56	13°43	29° 3	23°14	3°19	8°40	7°42	24°59	n.a.	S 24
M25	2 5 40	2°36'58	9♐11	15°20	19°12	26° 3	16° 8	13°46	29° 1	23°13	3°21	8°36	7°39	25° 6	n.a.	M25
T 26	2 9 37	3°38'00	22°13	17° 2	20° 7	26°50	16°19	13°49	28°59	23°11	3°22	8°32	7°36	25°12	n.a.	T 26
W27	2 13 34	4°39'01	4♉54	18°42	21° 2	27°36	16°30	13°51	28°57	23° 9	3°23	8°28	7°33	25°19	n.a.	W27
T 28	2 17 30	5°39'59	17°16	20°22	21°56	28°23	16°41	13°54	28°54	23° 8	3°25	8°26	7°30	25°26	n.a.	T 28
F 29	2 21 27	6°40'56	29°23	22° 0	22°50	29°10	16°52	13°57	28°52	23° 6	3°26	8°24	7°27	25°32	n.a.	F 29
S 30	2 25 23	7♏41'51	11♒19	23♏35	23♐42	29♏56	17♍ 3	13♌59	28♉50	23♉ 5	3♍28	8°D24	7♈23	25♒39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3 s19	27 s27	5 s10	2 s54	0 s52	22 s12	2 s48	15 s18	1 s 2	8n42	1n16	19n52	2n20	20n54	0n14	18n45	0 s30	23n59	14n14	3n35	3n38	17 s57		n.a.
S 2	3 43	24 38	4 49	3 38	0 58	22 28	2 48	15 34	1 2	8 37	1 16	19 51	2 21	20 53	0 14	18 45	0 30	23 59	14 14	3 35	3 37	17 54		n.a.
S 3	4 8	20 48	4 16	4 22	1 3	22 43	2 47	15 50	1 2	8 32	1 16	19 49	2 21	20 53	0 14	18 44	0 30	23 58	14 14	3 35	3 36	17 51		n.a.
M 4	4 33	16 10	3 32	5 6	1 8	22 58	2 46	16 6	1 3	8 27	1 16	19 48	2 21	20 53	0 14	18 44	0 30	23 57	14 15	3 35	3 34	17 48		n.a.
T 5	4 58	10 54	2 39	5 50	1 14	23 12	2 45	16 22	1 3	8 23	1 16	19 47	2 21	20 53	0 14	18 44	0 30	23 57	14 15	3 35	3 33	17 46		n.a.
W 6	5 22	5 13	1 38	6 34	1 19	23 25	2 44	16 37	1 3	8 18	1 16	19 46	2 22	20 52	0 14	18 43	0 30	23 56	14 15	3 35	3 32	17 43		n.a.
T 7	5 46	0n44	0 32	7 18	1 23	23 38	2 43	16 52	1 4	8 13	1 16	19 45	2 22	20 52	0 14	18 43	0 30	23 56	14 15	3 35	3 30	17 40		n.a.
F 8	6 11	6 44	0n36	8 1	1 28	23 50	2 41	17 8	1 4	8 8	1 16	19 44	2 22	20 52	0 14	18 43	0 30	23 55	14 16	3 35	3 29	17 37		n.a.
S 9	6 35	12 35	1 43	8 44	1 32	24 1	2 40	17 22	1 4	8 3	1 16	19 43	2 22	20 51	0 14	18 42	0 30	23 55	14 16	3 35	3 28	17 34		n.a.
S 10	6 59	18 2	2 47	9 27	1 36	24 12	2 38	17 37	1 5	7 58	1 16	19 42	2 22	20 51	0 14	18 42	0 30	23 54	14 16	3 35	3 27	17 31		n.a.
M11	7 23	22 45	3 43	10 9	1 40	24 22	2 36	17 52	1 5	7 53	1 16	19 41	2 23	20 50	0 14	18 42	0 30	23 54	14 16	3 34	3 25	17 28		n.a.
T 12	7 47	26 25	4 28	10 51	1 44	24 31	2 34	18 6	1 5	7 48	1 16	19 40	2 23	20 50	0 14	18 41	0 30	23 53	14 17	3 34	3 24	17 25		n.a.
W13	8 11	28 42	5 0	11 32	1 47	24 39	2 32	18 20	1 5	7 44	1 16	19 39	2 23	20 50	0 14	18 41	0 30	23 53	14 17	3 33	3 23	17 22		n.a.
T 14	8 35	29 19	5 15	12 13	1 50	24 47	2 29	18 34	1 6	7 39	1 16	19 38	2 23	20 49	0 14	18 41	0 30	23 53	14 17	3 33	3 21	17 20		n.a.
F 15	8 58	28 6	5 13	12 53	1 52	24 55	2 26	18 48	1 6	7 34	1 16	19 37	2 24	20 49	0 14	18 40	0 30	23 52	14 18	3 32	3 20	17 17		n.a.
S 16	9 21	25 7	4 52	13 32	1 54	25 1	2 24	19 2	1 6	7 29	1 17	19 36	2 24	20 49	0 14	18 40	0 30	23 52	14 18	3 32	3 19	17 14		n.a.
S 17	9 45	20 35	4 13	14 11	1 56	25 7	2 21	19 15	1 6	7 25	1 17	19 35	2 24	20 48	0 14	18 40	0 30	23 51	14 18	3 33	3 18	17 11		n.a.
M18	10 8	14 49	3 18	14 48	1 58	25 12	2 18	19 28	1 7	7 20	1 17	19 34	2 24	20 48	0 14	18 39	0 30	23 51	14 18	3 33	3 16	17 8		n.a.
T 19	10 30	8 12	2 9	15 25	1 58	25 17	2 14	19 41	1 7	7 15	1 17	19 34	2 25	20 47	0 14	18 39	0 30	23 51	14 19	3 34	3 15	17 5		n.a.
W20	10 53	1 9	0 53	16 1	1 59	25 21	2 11	19 54	1 7	7 11	1 17	19 33	2 25	20 47	0 14	18 39	0 30	23 50	14 19	3 34	3 14	17 2		n.a.
T 21	11 15	5 s56	0 s27	16 36	1 59	25 24	2 7	20 7	1 7	7 6	1 17	19 32	2 25	20 46	0 14	18 38	0 30	23 50	14 19	3 34	3 12	16 59		n.a.
F 22	11 38	12 38	1 44	17 9	1 58	25 26	2 3	20 19	1 8	7 2	1 17	19 31	2 25	20 46	0 14	18 38	0 30	23 50	14 20	3 34	3 11	16 56		n.a.
S 23	12 0	18 36	2 53	17 41	1 57	25 28	1 59	20 31	1 8	6 57	1 17	19 31	2 26	20 45	0 14	18 37	0 30	23 49	14 20	3 33	3 10	16 53		n.a.
S 24	12 22	23 28	3 50	18 12	1 55	25 29	1 55	20 43	1 8	6 53	1 17	19 30	2 26	20 45	0 14	18 37	0 30	23 49	14 20	3 32	3 8	16 50		n.a.
M25	12 43	26 57	4 34	18 41	1 52	25 30	1 50	20 55	1 8	6 48	1 17	19 29	2 26	20 44	0 14	18 37	0 30	23 49	14 21	3 30	3 7	16 47		n.a.
T 26	13 5	28 54	5 1	19 8	1 49	25 30	1 46	21 6	1 8	6 44	1 17	19 29	2 26	20 44	0 14	18 36	0 30	23 49	14 21	3 29	3 6	16 45		n.a.
W27	13 26	29 14	5 13	19 33	1 45	25 29	1 41	21 18	1 8	6 39	1 17	19 28	2 27	20 43	0 14	18 36	0 30	23 48	14 22	3 27	3 5	16 42		n.a.
T 28	13 47	28 5	5 10	19 56	1 40	25 27	1 36	21 29	1 9	6 35	1 18	19 28	2 27	20 43	0 14	18 36	0 30	23 48	14 22	3 26	3 3	16 39		n.a.
F 29	14 8	25 37	4 53	20 17	1 34	25 25	1 31	21 39	1 9	6 31	1 18	19 27	2 27	20 42	0 14	18 35	0 30	23 48	14 22	3 25	3 2	16 36		n.a.
S 30	14 s28	22 s 5	4 s24	20 s36	1 s27	25 s23	1 s25	21 s50	1 s 9	6n26	1n18	19n27	2n28	20n42	0n14	18n35	0 s30	23n48	14n23	3n25	3n 1	16 s33		n.a.

Julian Day Number = 196808.5, Delta T = 32h17m41s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'08, Lahiri = -61°18'08 Julian Calendar 1 Nov. 4175 BCE == Greg. Calendar 29 Sept. 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4175 BCE
geocentric

DECEMBER 4175 BCE (-4174) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 29 20	8♏42'44	23♒10	25♏ 8	24♐34	0♐43	17♍14	14♌ 1	28°R47	23°R 3	3♍29	8♈25	7♈20	25♒46	n.a.	S 1
M 2	2 33 17	9°43'36	5♓ 0	26°38	25°25	1°29	17°25	14° 4	28♉45	23♉ 1	3°30	8°27	7°17	25°52	n.a.	M 2
T 3	2 37 13	10°44'25	16°54	28° 5	26°16	2°16	17°35	14° 6	28°42	23° 0	3°31	8°28	7°14	25°59	n.a.	T 3
W 4	2 41 10	11°45'13	28°56	29°27	27° 5	3° 2	17°46	14° 8	28°40	22°58	3°33	8°30	7°11	26° 6	n.a.	W 4
T 5	2 45 6	12°45'59	11♈12	0♐44	27°54	3°49	17°57	14°10	28°37	22°57	3°34	8°R30	7° 8	26°12	n.a.	T 5
F 6	2 49 3	13°46'43	23°42	1°56	28°41	4°35	18° 7	14°12	28°35	22°55	3°35	8°29	7° 4	26°19	n.a.	F 6
S 7	2 52 59	14°47'25	6♉29	3° 1	29°28	5°22	18°17	14°14	28°32	22°53	3°36	8°26	7° 1	26°26	n.a.	S 7
S 8	2 56 56	15°48'06	19°34	4° 0	0♊14	6° 8	18°27	14°16	28°30	22°52	3°37	8°21	6°58	26°32	n.a.	S 8
M 9	3 0 52	16°48'45	2♊56	4°50	0°59	6°54	18°37	14°17	28°27	22°50	3°38	8°15	6°55	26°39	n.a.	M 9
T 10	3 4 49	17°49'22	16°32	5°31	1°42	7°40	18°47	14°19	28°25	22°48	3°39	8° 9	6°52	26°46	n.a.	T 10
W11	3 8 46	18°49'58	0♋20	6° 4	2°25	8°27	18°57	14°20	28°22	22°47	3°40	8° 2	6°48	26°52	n.a.	W11
T 12	3 12 42	19°50'32	14°17	6°26	3° 6	9°13	19° 7	14°22	28°20	22°45	3°41	7°56	6°45	26°59	n.a.	T 12
F 13	3 16 39	20°51'04	28°20	6°39	3°46	9°59	19°17	14°23	28°17	22°43	3°42	7°52	6°42	27° 6	n.a.	F 13
S 14	3 20 35	21°51'35	12♌26	6°R41	4°25	10°45	19°26	14°24	28°14	22°41	3°43	7°50	6°39	27°13	n.a.	S 14
S 15	3 24 32	22°52'04	26°34	6°32	5° 3	11°31	19°36	14°25	28°12	22°40	3°44	7°D50	6°36	27°19	n.a.	S 15
M16	3 28 28	23°52'31	10♍42	6°13	5°40	12°17	19°45	14°26	28° 9	22°38	3°45	7°50	6°33	27°26	n.a.	M16
T 17	3 32 25	24°52'57	24°49	5°45	6°15	13° 3	19°54	14°27	28° 7	22°36	3°46	7°52	6°29	27°33	n.a.	T 17
W18	3 36 22	25°53'21	8♎53	5° 7	6°48	13°49	20° 3	14°28	28° 4	22°35	3°46	7°R52	6°26	27°39	n.a.	W18
T 19	3 40 18	26°53'43	22°52	4°21	7°20	14°35	20°12	14°28	28° 1	22°33	3°47	7°51	6°23	27°46	n.a.	T 19
F 20	3 44 15	27°54'04	6♏45	3°28	7°51	15°21	20°21	14°29	27°59	22°31	3°48	7°48	6°20	27°53	n.a.	F 20
S 21	3 48 11	28°54'22	20°27	2°30	8°20	16° 7	20°30	14°29	27°56	22°30	3°48	7°42	6°17	27°59	n.a.	S 21
S 22	3 52 8	29°54'39	3♐55	1°27	8°47	16°53	20°38	14°30	27°54	22°28	3°49	7°34	6°13	28° 6	n.a.	S 22
M23	3 56 4	0♐54'53	17° 9	0°23	9°13	17°39	20°47	14°30	27°51	22°26	3°50	7°25	6°10	28°13	n.a.	M23
T 24	4 0 1	1°55'06	0♑ 4	29♏17	9°37	18°25	20°55	14°30	27°48	22°25	3°50	7°14	6° 7	28°19	n.a.	T 24
W25	4 3 57	2°55'16	12°42	28°13	9°59	19°11	21° 3	14°R30	27°46	22°23	3°51	7° 5	6° 4	28°26	n.a.	W25
T 26	4 7 54	3°55'24	25° 4	27°11	10°19	19°56	21°11	14°30	27°43	22°21	3°51	6°56	6° 1	28°33	n.a.	T 26
F 27	4 11 51	4°55'29	7♒11	26°13	10°37	20°42	21°19	14°30	27°40	22°20	3°52	6°50	5°58	28°39	n.a.	F 27
S 28	4 15 47	5°55'32	19° 7	25°19	10°52	21°28	21°27	14°30	27°38	22°18	3°52	6°46	5°54	28°46	n.a.	S 28
S 29	4 19 44	6°55'33	0♓57	24°31	11° 6	22°13	21°35	14°29	27°35	22°17	3°52	6°45	5°51	28°53	n.a.	S 29
M30	4 23 40	7°55'31	12°47	23°49	11°18	22°59	21°42	14°29	27°33	22°15	3°53	6°D44	5°48	28°59	n.a.	M30
T 31	4 27 37	8♐55'26	24♓40	23♏13	11♑27	23♐44	21♍50	14♌28	27♉30	22♉13	3♍53	6♈45	5♈45	29♒ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	14s48	17s41	3s43	20s53	1s20	25s19	1s19	22s 0	1s 9	6n22	1n18	19n26	2n28	20n41	0n15	18n34	0s30	23n48	14n23	3n26	2n59	16s30			n.a.
M 2	15 8	12 37	2 53	21 6	1 11	25 15	1 13	22 10	1 9	6 18	1 18	19 26	2 28	20 41	0 15	18 34	0 30	23 47	14 23	3 26	2 58	16 27			n.a.
T 3	15 28	7 5	1 55	21 18	1 2	25 11	1 7	22 20	1 9	6 14	1 18	19 25	2 28	20 40	0 15	18 33	0 30	23 47	14 24	3 27	2 57	16 24			n.a.
W 4	15 47	1 13	0 52	21 26	0 51	25 6	1 1	22 29	1 9	6 10	1 18	19 25	2 29	20 40	0 15	18 33	0 30	23 47	14 24	3 28	2 56	16 21			n.a.
T 5	16 6	4n46	0n15	21 32	0 40	25 0	0 54	22 39	1 9	6 5	1 18	19 25	2 29	20 39	0 15	18 33	0 30	23 47	14 25	3 28	2 54	16 18			n.a.
F 6	16 25	10 43	1 22	21 35	0 27	24 54	0 47	22 48	1 10	6 1	1 18	19 24	2 29	20 39	0 15	18 32	0 30	23 47	14 25	3 27	2 53	16 15			n.a.
S 7	16 44	16 21	2 26	21 34	0 13	24 47	0 40	22 57	1 10	5 57	1 18	19 24	2 29	20 38	0 15	18 32	0 30	23 47	14 25	3 26	2 52	16 12			n.a.
S 8	17 2	21 24	3 25	21 32	0n 1	24 40	0 33	23 5	1 10	5 53	1 19	19 24	2 30	20 38	0 15	18 31	0 30	23 47	14 26	3 24	2 50	16 9			n.a.
M 9	17 20	25 28	4 13	21 26	0 16	24 32	0 26	23 13	1 10	5 49	1 19	19 24	2 30	20 37	0 15	18 31	0 30	23 47	14 26	3 22	2 49	16 6			n.a.
T 10	17 37	28 11	4 48	21 18	0 33	24 24	0 18	23 21	1 10	5 46	1 19	19 23	2 30	20 36	0 15	18 31	0 30	23 47	14 27	3 19	2 48	16 3			n.a.
W11	17 55	29 13	5 6	21 7	0 50	24 15	0 10	23 29	1 10	5 42	1 19	19 23	2 31	20 36	0 15	18 30	0 30	23 47	14 27	3 16	2 47	16 0			n.a.
T 12	18 12	28 25	5 7	20 54	1 7	24 6	0 2	23 37	1 10	5 38	1 19	19 23	2 31	20 35	0 15	18 30	0 30	23 47	14 27	3 14	2 45	15 57			n.a.
F 13	18 28	25 48	4 50	20 38	1 25	23 57	0n 7	23 44	1 10	5 34	1 19	19 23	2 31	20 35	0 15	18 29	0 30	23 47	14 28	3 12	2 44	15 54			n.a.
S 14	18 45	21 37	4 15	20 21	1 43	23 47	0 16	23 51	1 10	5 30	1 19	19 23	2 31	20 34	0 15	18 29	0 30	23 47	14 28	3 12	2 43	15 51			n.a.
S 15	19 1	16 12	3 24	20 2	2 1	23 36	0 25	23 58	1 10	5 27	1 19	19 23	2 32	20 34	0 15	18 28	0 30	23 47	14 29	3 11	2 41	15 48			n.a.
M16	19 16	9 56	2 21	19 41	2 18	23 26	0 34	24 4	1 10	5 23	1 20	19 23	2 32	20 33	0 15	18 28	0 30	23 47	14 29	3 12	2 40	15 45			n.a.
T 17	19 31	3 11	1 10	19 19	2 35	23 14	0 44	24 10	1 10	5 19	1 20	19 23	2 32	20 32	0 15	18 28	0 30	23 47	14 29	3 12	2 39	15 42			n.a.
W18	19 46	3s42	0s 5	18 57	2 51	23 3	0 53	24 16	1 10	5 16	1 20	19 23	2 33	20 32	0 15	18 27	0 30	23 47	14 30	3 12	2 38	15 39			n.a.
T 19	20 1	10 22	1 20	18 34	3 6	22 51	1 3	24 22	1 10	5 12	1 20	19 23	2 33	20 31	0 15	18 27	0 30	23 47	14 30	3 12	2 36	15 36			n.a.
F 20	20 15	16 29	2 29	18 11	3 20	22 39	1 14	24 27	1 10	5 9	1 20	19 23	2 33	20 31	0 15	18 26	0 30	23 47	14 31	3 11	2 35	15 33			n.a.
S 21	20 29	21 42	3 28	17 48	3 31	22 27	1 24	24 32	1 10	5 6	1 20	19 23	2 33	20 30	0 15	18 26	0 30	23 48	14 31	3 8	2 34	15 30			n.a.
S 22	20 42	25 42	4 15	17 26	3 41	22 14	1 35	24 37	1 10	5 2	1 20	19 23	2 34	20 29	0 15	18 25	0 30	23 48	14 32	3 5	2 32	15 27			n.a.
M23	20 55	28 14	4 46	17 5	3 49	22 2	1 46	24 41	1 10	4 59	1 21	19 24	2 34	20 29	0 15	18 25	0 30	23 48	14 32	3 1	2 31	15 23			n.a.
T 24	21 8	29 10	5 3	16 46	3 54	21 49	1 57	24 46	1 10	4 56	1 21	19 24	2 34	20 28	0 15	18 25	0 30	23 48	14 32	2 57	2 30	15 20			n.a.
W25	21 20	28 32	5 4	16 28	3 57	21 35	2 9	24 50	1 10	4 53	1 21	19 24	2 35	20 28	0 15	18 24	0 30	23 48	14 33	2 53	2 28	15 17			n.a.
T 26	21 32	26 28	4 50	16 13	3 58	21 22	2 20	24 53	1 10	4 49	1 21	19 24	2 35	20 27	0 15	18 24	0 30	23 48	14 33	2 50	2 27	15 14			n.a.
F 27	21 43	23 14	4 24	16 1	3 57	21 9	2 32	24 57	1 10	4 46	1 21	19 25	2 35	20 26	0 15	18 23	0 30	23 49	14 34	2 47	2 26	15 11			n.a.
S 28	21 54	19 5	3 46	15 51	3 55	20 55	2 45	25 0	1 10	4 43	1 21	19 25	2 35	20 26	0 15	18 23	0 30	23 49	14 34	2 46	2 25	15 8			n.a.
S 29	22 5	14 13	2 59	15 43	3 50	20 42	2 57	25 3	1 10	4 40	1 21	19 25	2 36	20 25	0 15	18 23	0 30	23 49	14 35	2 45	2 23	15 5			n.a.
M30	22 15	8 51	2 5	15 39	3 44	20 28	3 10	25 5	1 10	4 37	1 22	19 26	2 36	20 25	0 15	18 22	0 30	23 49	14 35	2 45	2 22	15 2			n.a.
T 31	22s25	3s 9	1s 4	15s37	3n37	20s15	3n22	25s 8	1s10	4n35	1n22	19n26	2n36	20n24	0n15	18n22	0s30	23n50	14n36	2n45	2n21	14s59			n.a.

Julian Day Number = 196838.5, Delta T = 32h17m38s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'04, Lahiri = -61°18'04 Julian Calendar 1 Dec. 4175 BCE == Greg. Calendar 29 Oct. 4175 BCE

The year -4174 astronomical counting style corresponds to year 4175 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

JANUARY 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 31 33	9♐55'19	6♈44	22°R45	11♑34	24♐30	21♍57	14°R28	27°R28	22°R12	3♍53	6°R46	5♈42	29♒13	n.a.	W 1
T 2	4 35 30	10°55'10	19° 2	22♏23	11°39	25°15	22° 4	14♌27	27♉25	22♉10	3°53	6♈45	5°39	29°19	n.a.	T 2
F 3	4 39 26	11°54'58	1♉39	22° 8	11°R41	26° 0	22°11	14°26	27°23	22° 9	3°54	6°42	5°35	29°26	n.a.	F 3
S 4	4 43 23	12°54'44	14°38	21°59	11°41	26°46	22°18	14°25	27°20	22° 7	3°54	6°37	5°32	29°33	n.a.	S 4
S 5	4 47 20	13°54'27	27°59	21°D57	11°38	27°31	22°24	14°24	27°18	22° 5	3°54	6°29	5°29	29°39	n.a.	S 5
M 6	4 51 16	14°54'08	11♊43	22° 2	11°33	28°16	22°31	14°23	27°15	22° 4	3°54	6°19	5°26	29°46	n.a.	M 6
T 7	4 55 13	15°53'47	25°46	22°12	11°25	29° 1	22°37	14°22	27°13	22° 2	3°54	6° 8	5°23	29°53	n.a.	T 7
W 8	4 59 9	16°53'24	10♋ 2	22°28	11°14	29°46	22°43	14°20	27°10	22° 1	3°R54	5°57	5°19	29°59	n.a.	W 8
T 9	5 3 6	17°52'59	24°27	22°49	11° 2	0♑31	22°49	14°19	27° 8	21°59	3°54	5°47	5°16	0♓ 6	n.a.	T 9
F 10	5 7 2	18°52'31	8♌53	23°15	10°46	1°17	22°55	14°17	27° 5	21°58	3°54	5°39	5°13	0°13	n.a.	F 10
S 11	5 10 59	19°52'01	23°17	23°45	10°28	2° 2	23° 1	14°16	27° 3	21°57	3°54	5°34	5°10	0°19	n.a.	S 11
S 12	5 14 55	20°51'30	7♍33	24°21	10° 8	2°46	23° 6	14°14	27° 1	21°55	3°54	5°32	5° 7	0°26	n.a.	S 12
M13	5 18 52	21°50'56	21°40	25° 0	9°45	3°31	23°12	14°12	26°58	21°54	3°54	5°D31	5° 4	0°33	n.a.	M13
T 14	5 22 48	22°50'20	5♎37	25°43	9°21	4°16	23°17	14°10	26°56	21°52	3°53	5°R31	5° 0	0°39	n.a.	T 14
W15	5 26 45	23°49'42	19°24	26°29	8°54	5° 1	23°22	14° 9	26°54	21°51	3°53	5°31	4°57	0°46	n.a.	W15
T 16	5 30 42	24°49'03	3♏ 1	27°20	8°25	5°46	23°27	14° 6	26°52	21°50	3°53	5°28	4°54	0°53	n.a.	T 16
F 17	5 34 38	25°48'21	16°28	28°13	7°54	6°31	23°32	14° 4	26°49	21°48	3°53	5°23	4°51	0°59	n.a.	F 17
S 18	5 38 35	26°47'37	29°45	29° 9	7°21	7°15	23°36	14° 2	26°47	21°47	3°52	5°15	4°48	1° 6	n.a.	S 18
S 19	5 42 31	27°46'51	12♐51	0♐ 8	6°47	8° 0	23°41	14° 0	26°45	21°46	3°52	5° 4	4°45	1°13	n.a.	S 19
M20	5 46 28	28°46'03	25°45	1°10	6°12	8°44	23°45	13°57	26°43	21°44	3°52	4°51	4°41	1°19	n.a.	M20
T 21	5 50 24	29°45'13	8♑25	2°14	5°35	9°29	23°49	13°55	26°41	21°43	3°51	4°38	4°38	1°26	n.a.	T 21
W22	5 54 21	0♑44'20	20°53	3°21	4°58	10°13	23°53	13°52	26°39	21°42	3°51	4°24	4°35	1°33	n.a.	W22
T 23	5 58 17	1°43'25	3♒ 7	4°29	4°20	10°58	23°57	13°50	26°37	21°41	3°50	4°13	4°32	1°40	n.a.	T 23
F 24	6 2 14	2°42'27	15°10	5°41	3°42	11°42	24° 0	13°47	26°35	21°39	3°50	4° 3	4°29	1°46	n.a.	F 24
S 25	6 6 10	3°41'27	27° 5	6°54	3° 4	12°27	24° 4	13°44	26°33	21°38	3°49	3°56	4°25	1°53	n.a.	S 25
S 26	6 10 7	4°40'24	8♓54	8° 9	2°25	13°11	24° 7	13°41	26°31	21°37	3°48	3°52	4°22	2° 0	n.a.	S 26
M27	6 14 3	5°39'19	20°42	9°26	1°47	13°55	24°10	13°38	26°29	21°36	3°48	3°51	4°19	2° 6	n.a.	M27
T 28	6 18 0	6°38'11	2♈34	10°45	1°10	14°39	24°13	13°35	26°27	21°35	3°47	3°50	4°16	2°13	n.a.	T 28
W29	6 21 57	7°37'01	14°36	12° 6	0°34	15°24	24°15	13°32	26°26	21°34	3°46	3°50	4°13	2°20	n.a.	W29
T 30	6 25 53	8°35'48	26°53	13°29	29♐59	16° 8	24°18	13°29	26°24	21°33	3°46	3°49	4°10	2°26	n.a.	T 30
F 31	6 29 50	9♑34'33	9♉31	14♐53	29♐25	16♑52	24♍20	13♌26	26♉22	21♉32	3♍45	3♈47	4♈ 6	2♓33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s34	2n45	0s 0	15s38	3n28	20s 1	3n35	25s10	1s10	4n32	1n22	19n27	2n36	20n23	0n15	18n21	0s30	23n50	14n36	2n45	2n19	14s56		n.a.
T 2	22 43	8 39	1n 5	15 41	3 19	19 48	3 48	25 11	1 10	4 29	1 22	19 27	2 37	20 23	0 15	18 21	0 30	23 50	14 36	2 45	2 18	14 53		n.a.
F 3	22 51	14 23	2 8	15 47	3 8	19 34	4 2	25 13	1 9	4 26	1 22	19 28	2 37	20 22	0 15	18 21	0 30	23 51	14 37	2 44	2 17	14 50		n.a.
S 4	22 59	19 39	3 7	15 56	2 57	19 21	4 15	25 14	1 9	4 24	1 22	19 28	2 37	20 22	0 15	18 20	0 30	23 51	14 37	2 42	2 16	14 47		n.a.
S 5	23 7	24 7	3 57	16 6	2 46	19 8	4 28	25 15	1 9	4 21	1 23	19 29	2 38	20 21	0 15	18 20	0 30	23 51	14 38	2 39	2 14	14 43		n.a.
M 6	23 14	27 22	4 35	16 18	2 35	18 55	4 42	25 16	1 9	4 19	1 23	19 29	2 38	20 21	0 15	18 19	0 30	23 52	14 38	2 35	2 13	14 40		n.a.
T 7	23 21	28 59	4 57	16 32	2 23	18 43	4 55	25 16	1 9	4 16	1 23	19 30	2 38	20 20	0 15	18 19	0 30	23 52	14 39	2 30	2 12	14 37		n.a.
W 8	23 27	28 43	5 1	16 48	2 11	18 30	5 8	25 16	1 9	4 14	1 23	19 31	2 38	20 19	0 15	18 19	0 30	23 53	14 39	2 25	2 10	14 34		n.a.
T 9	23 33	26 31	4 46	17 5	1 59	18 18	5 22	25 16	1 9	4 12	1 23	19 31	2 39	20 19	0 15	18 18	0 30	23 53	14 39	2 21	2 9	14 31		n.a.
F 10	23 38	22 36	4 13	17 24	1 47	18 6	5 35	25 15	1 9	4 9	1 23	19 32	2 39	20 18	0 15	18 18	0 30	23 53	14 40	2 18	2 8	14 28		n.a.
S 11	23 43	17 20	3 24	17 43	1 35	17 55	5 48	25 15	1 9	4 7	1 24	19 33	2 39	20 18	0 15	18 17	0 30	23 54	14 40	2 16	2 7	14 25		n.a.
S 12	23 47	11 10	2 22	18 3	1 23	17 44	6 0	25 14	1 8	4 5	1 24	19 33	2 39	20 17	0 15	18 17	0 30	23 54	14 41	2 15	2 5	14 22		n.a.
M13	23 51	4 30	1 13	18 24	1 11	17 33	6 13	25 12	1 8	4 3	1 24	19 34	2 40	20 17	0 15	18 17	0 30	23 55	14 41	2 15	2 4	14 19		n.a.
T 14	23 55	2s18	0s 0	18 46	1 0	17 23	6 25	25 11	1 8	4 1	1 24	19 35	2 40	20 16	0 15	18 16	0 30	23 55	14 42	2 15	2 3	14 15		n.a.
W15	23 58	8 55	1 13	19 8	0 48	17 13	6 36	25 9	1 8	3 59	1 24	19 36	2 40	20 16	0 15	18 16	0 30	23 56	14 42	2 15	2 1	14 12		n.a.
T 16	24 1	15 3	2 20	19 31	0 37	17 4	6 47	25 7	1 8	3 57	1 25	19 37	2 40	20 15	0 15	18 16	0 30	23 56	14 42	2 14	2 0	14 9		n.a.
F 17	24 3	20 23	3 18	19 54	0 26	16 55	6 58	25 5	1 8	3 56	1 25	19 38	2 41	20 15	0 15	18 15	0 30	23 57	14 43	2 12	1 59	14 6		n.a.
S 18	24 4	24 39	4 5	20 17	0 16	16 47	7 8	25 2	1 7	3 54	1 25	19 39	2 41	20 14	0 15	18 15	0 29	23 57	14 43	2 9	1 57	14 3		n.a.
S 19	24 6	27 34	4 38	20 40	0 6	16 40	7 17	24 59	1 7	3 52	1 25	19 39	2 41	20 14	0 15	18 15	0 29	23 58	14 44	2 4	1 56	14 0		n.a.
M20	24 7	28 59	4 56	21 3	0s 4	16 33	7 26	24 56	1 7	3 51	1 25	19 40	2 41	20 13	0 15	18 14	0 29	23 58	14 44	1 59	1 55	13 57		n.a.
T 21	24 7	28 49	4 59	21 25	0 14	16 26	7 34	24 53	1 7	3 49	1 25	19 41	2 42	20 13	0 15	18 14	0 29	23 59	14 44	1 53	1 54	13 53		n.a.
W22	24 7	27 10	4 48	21 48	0 23	16 21	7 41	24 49	1 7	3 48	1 26	19 42	2 42	20 12	0 15	18 14	0 29	23 59	14 45	1 48	1 52	13 50		n.a.
T 23	24 6	24 16	4 23	22 10	0 32	16 16	7 47	24 45	1 6	3 47	1 26	19 43	2 42	20 12	0 15	18 14	0 29	24 0	14 45	1 43	1 51	13 47		n.a.
F 24	24 5	20 21	3 47	22 32	0 41	16 12	7 52	24 41	1 6	3 45	1 26	19 44	2 42	20 11	0 15	18 13	0 29	24 0	14 46	1 39	1 50	13 44		n.a.
S 25	24 4	15 39	3 1	22 53	0 49	16 8	7 57	24 37	1 6	3 44	1 26	19 45	2 43	20 11	0 15	18 13	0 29	24 1	14 46	1 37	1 48	13 41		n.a.
S 26	24 2	10 26	2 8	23 13	0 57	16 5	8 1	24 32	1 6	3 43	1 26	19 46	2 43	20 10	0 15	18 13	0 29	24 1	14 46	1 35	1 47	13 38		n.a.
M27	23 59	4 50	1 9	23 33	1 4	16 3	8 3	24 27	1 6	3 42	1 27	19 48	2 43	20 10	0 15	18 12	0 29	24 2	14 47	1 34	1 46	13 35		n.a.
T 28	23 57	0n57	0 7	23 52	1 11	16 2	8 5	24 22	1 5	3 41	1 27	19 49	2 43	20 9	0 15	18 12	0 29	24 3	14 47	1 34	1 45	13 31		n.a.
W29	23 53	6 47	0n57	24 10	1 18	16 1	8 6	24 17	1 5	3 40	1 27	19 50	2 43	20 9	0 15	18 12	0 29	24 3	14 47	1 34	1 43	13 28		n.a.
T 30	23 50	12 29	1 59	24 28	1 24	16 1	8 6	24 11	1 5	3 39	1 27	19 51	2 44	20 8	0 15	18 12	0 29	24 4	14 48	1 34	1 42	13 25		n.a.
F 31	23s45	17n51	2n57	24s44	1s30	16s 2	8n 5	24s 5	1s 5	3n38	1n27	19n52	2n44	20n 8	0n15	18n11	0s29	24n 4	14n48	1n33	1n41	13s22		n.a.

Julian Day Number = 196869.5, Delta T = 32h17m34s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°25'00, Lahiri = -61°17'59 Julian Calendar 1 Jan. 4174 BCE == Greg. Calendar 29 Nov. 4175 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

FEBRUARY 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 33 46	10♑33'15	22♉33	16♐19	28°R52	17♑36	24♍22	13°R23	26°R21	21°R31	3°R44	3°R41	4♈ 3	2♓40	n.a.	S 1
S 2	6 37 43	11°31'55	6♊ 2	17°47	28♐21	18°20	24°24	13♌19	26♉19	21♉30	3♍43	3♈34	4° 0	2°46	n.a.	S 2
M 3	6 41 39	12°30'33	19°57	19°16	27°53	19° 3	24°26	13°16	26°17	21°29	3°43	3°24	3°57	2°53	n.a.	M 3
T 4	6 45 36	13°29'08	4♋17	20°47	27°26	19°47	24°28	13°12	26°16	21°28	3°42	3°12	3°54	3° 0	n.a.	T 4
W 5	6 49 32	14°27'42	18°56	22°19	27° 1	20°31	24°29	13° 9	26°14	21°27	3°41	3° 1	3°51	3° 6	n.a.	W 5
T 6	6 53 29	15°26'13	3♌45	23°54	26°39	21°15	24°30	13° 5	26°13	21°26	3°40	2°51	3°47	3°13	n.a.	T 6
F 7	6 57 25	16°24'41	18°37	25°29	26°18	21°58	24°31	13° 2	26°12	21°25	3°39	2°43	3°44	3°20	n.a.	F 7
S 8	7 1 22	17°23'08	3♍24	27° 7	26° 1	22°42	24°32	12°58	26°10	21°25	3°38	2°38	3°41	3°26	n.a.	S 8
S 9	7 5 18	18°21'33	17°58	28°46	25°45	23°26	24°33	12°54	26° 9	21°24	3°37	2°35	3°38	3°33	n.a.	S 9
M10	7 9 15	19°19'56	2♎16	0♑26	25°32	24° 9	24°33	12°50	26° 8	21°23	3°36	2°D35	3°35	3°40	n.a.	M10
T 11	7 13 11	20°18'17	16°16	2° 8	25°22	24°53	24°33	12°46	26° 6	21°22	3°35	2°R35	3°31	3°46	n.a.	T 11
W12	7 17 8	21°16'37	29°59	3°52	25°14	25°36	24°R33	12°43	26° 5	21°22	3°34	2°35	3°28	3°53	n.a.	W12
T 13	7 21 5	22°14'54	13♏26	5°37	25° 9	26°20	24°33	12°39	26° 4	21°21	3°33	2°33	3°25	4° 0	n.a.	T 13
F 14	7 25 1	23°13'10	26°37	7°24	25° 6	27° 3	24°33	12°35	26° 3	21°20	3°32	2°29	3°22	4° 6	n.a.	F 14
S 15	7 28 58	24°11'25	9♐36	9°13	25°D 5	27°46	24°32	12°31	26° 2	21°20	3°30	2°22	3°19	4°13	n.a.	S 15
S 16	7 32 54	25° 9'37	22°22	11° 3	25° 7	28°29	24°32	12°26	26° 1	21°19	3°29	2°13	3°16	4°20	n.a.	S 16
M17	7 36 51	26° 7'48	4♑56	12°55	25°11	29°13	24°31	12°22	26° 0	21°19	3°28	2° 1	3°12	4°26	n.a.	M17
T 18	7 40 47	27° 5'57	17°20	14°48	25°17	29°56	24°30	12°18	25°59	21°18	3°27	1°50	3° 9	4°33	n.a.	T 18
W19	7 44 44	28° 4'03	29°34	16°43	25°26	0♒39	24°29	12°14	25°58	21°18	3°26	1°38	3° 6	4°40	n.a.	W19
T 20	7 48 40	29° 2'08	11♒38	18°40	25°36	1°22	24°27	12°10	25°58	21°17	3°24	1°28	3° 3	4°46	n.a.	T 20
F 21	7 52 37	0♒ 0'11	23°35	20°38	25°49	2° 5	24°25	12° 6	25°57	21°17	3°23	1°19	3° 0	4°53	n.a.	F 21
S 22	7 56 33	0°58'12	5♓25	22°38	26° 4	2°48	24°24	12° 1	25°56	21°17	3°22	1°14	2°57	5° 0	n.a.	S 22
S 23	8 0 30	1°56'10	17°12	24°39	26°21	3°31	24°22	11°57	25°56	21°16	3°20	1°10	2°53	5° 6	n.a.	S 23
M24	8 4 26	2°54'07	29° 0	26°42	26°39	4°13	24°19	11°53	25°55	21°16	3°19	1°D 9	2°50	5°13	n.a.	M24
T 25	8 8 23	3°52'02	10♈52	28°46	27° 0	4°56	24°17	11°48	25°55	21°16	3°18	1° 9	2°47	5°20	n.a.	T 25
W26	8 12 19	4°49'54	22°53	0♒51	27°22	5°39	24°15	11°44	25°54	21°15	3°16	1°10	2°44	5°26	n.a.	W26
T 27	8 16 16	5°47'45	5♉ 9	2°57	27°46	6°22	24°12	11°40	25°54	21°15	3°15	1°R11	2°41	5°33	n.a.	T 27
F 28	8 20 13	6♒45'33	17♉44	5♒ 5	28♐11	7♒ 4	24♍ 9	11♌35	25♉53	21♉15	3♍13	1♈10	2♈37	5♓40	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s41	22n35	3n47	24s59	1s36	16s 3	8n 4	23s59	1s 4	3n38	1n27	19n53	2n44	20n 8	0n15	18n11	0s29	24n 5	14n48	1n30	1n39	13s19		n.a.
S 2	23 36	26 18	4 27	25 13	1 41	16 5	8 1	23 53	1 4	3 37	1 28	19 54	2 44	20 7	0 15	18 11	0 29	24 6	14 49	1 27	1 38	13 15		n.a.
M 3	23 30	28 35	4 53	25 25	1 46	16 8	7 58	23 46	1 4	3 37	1 28	19 56	2 44	20 7	0 15	18 11	0 29	24 6	14 49	1 23	1 37	13 12		n.a.
T 4	23 25	29 3	5 1	25 37	1 50	16 12	7 54	23 39	1 4	3 36	1 28	19 57	2 45	20 7	0 15	18 10	0 29	24 7	14 49	1 19	1 35	13 9		n.a.
W 5	23 18	27 30	4 49	25 47	1 54	16 16	7 49	23 33	1 3	3 36	1 28	19 58	2 45	20 6	0 15	18 10	0 29	24 8	14 50	1 14	1 34	13 6		n.a.
T 6	23 12	24 2	4 19	25 55	1 57	16 21	7 44	23 25	1 3	3 35	1 28	19 59	2 45	20 6	0 15	18 10	0 29	24 8	14 50	1 10	1 33	13 3		n.a.
F 7	23 4	18 59	3 30	26 2	2 0	16 26	7 38	23 18	1 3	3 35	1 29	20 1	2 45	20 5	0 15	18 10	0 29	24 9	14 50	1 7	1 32	12 59		n.a.
S 8	22 57	12 50	2 28	26 7	2 2	16 32	7 31	23 10	1 2	3 35	1 29	20 2	2 45	20 5	0 15	18 10	0 29	24 10	14 51	1 4	1 30	12 56		n.a.
S 9	22 49	6 4	1 17	26 11	2 4	16 39	7 24	23 2	1 2	3 35	1 29	20 3	2 45	20 5	0 15	18 9	0 29	24 10	14 51	1 3	1 29	12 53		n.a.
M10	22 41	0s54	0 2	26 13	2 6	16 46	7 17	22 54	1 2	3 35	1 29	20 4	2 46	20 5	0 15	18 9	0 29	24 11	14 51	1 3	1 28	12 50		n.a.
T 11	22 32	7 41	1s12	26 12	2 7	16 53	7 9	22 46	1 2	3 35	1 29	20 6	2 46	20 4	0 15	18 9	0 29	24 12	14 52	1 3	1 26	12 47		n.a.
W12	22 23	13 58	2 20	26 10	2 7	17 1	7 1	22 37	1 1	3 35	1 29	20 7	2 46	20 4	0 15	18 9	0 29	24 12	14 52	1 3	1 25	12 43		n.a.
T 13	22 13	19 28	3 19	26 6	2 7	17 9	6 53	22 29	1 1	3 35	1 30	20 8	2 46	20 4	0 15	18 9	0 29	24 13	14 52	1 2	1 24	12 40		n.a.
F 14	22 3	23 55	4 6	26 0	2 6	17 18	6 44	22 20	1 1	3 36	1 30	20 9	2 46	20 3	0 15	18 9	0 29	24 14	14 53	1 1	1 22	12 37		n.a.
S 15	21 53	27 7	4 39	25 52	2 5	17 27	6 35	22 11	1 0	3 36	1 30	20 11	2 46	20 3	0 15	18 9	0 29	24 14	14 53	0 58	1 21	12 34		n.a.
S 16	21 42	28 51	4 58	25 41	2 3	17 36	6 26	22 1	1 0	3 36	1 30	20 12	2 46	20 3	0 15	18 8	0 29	24 15	14 53	0 54	1 20	12 31		n.a.
M17	21 31	29 3	5 2	25 28	2 1	17 45	6 16	21 52	1 0	3 37	1 30	20 13	2 46	20 3	0 15	18 8	0 29	24 16	14 53	0 50	1 19	12 27		n.a.
T 18	21 20	27 46	4 51	25 13	1 58	17 55	6 7	21 42	0 59	3 37	1 30	20 15	2 47	20 3	0 15	18 8	0 29	24 16	14 54	0 45	1 17	12 24		n.a.
W19	21 8	25 10	4 28	24 56	1 55	18 5	5 57	21 32	0 59	3 38	1 31	20 16	2 47	20 2	0 15	18 8	0 29	24 17	14 54	0 40	1 16	12 21		n.a.
T 20	20 56	21 29	3 52	24 36	1 51	18 15	5 48	21 22	0 59	3 39	1 31	20 17	2 47	20 2	0 15	18 8	0 29	24 18	14 54	0 36	1 15	12 18		n.a.
F 21	20 43	16 58	3 6	24 14	1 46	18 25	5 38	21 12	0 58	3 40	1 31	20 19	2 47	20 2	0 15	18 8	0 29	24 19	14 54	0 32	1 13	12 14		n.a.
S 22	20 30	11 50	2 13	23 49	1 41	18 35	5 28	21 2	0 58	3 40	1 31	20 20	2 47	20 2	0 15	18 8	0 29	24 19	14 54	0 30	1 12	12 11		n.a.
S 23	20 17	6 19	1 14	23 21	1 35	18 46	5 18	20 51	0 58	3 41	1 31	20 21	2 47	20 2	0 15	18 8	0 28	24 20	14 55	0 29	1 11	12 8		n.a.
M24	20 4	0 35	0 12	22 52	1 29	18 56	5 8	20 40	0 57	3 42	1 31	20 23	2 47	20 1	0 15	18 8	0 28	24 21	14 55	0 28	1 10	12 5		n.a.
T 25	19 50	5n12	0n52	22 19	1 22	19 6	4 59	20 29	0 57	3 44	1 32	20 24	2 47	20 1	0 15	18 8	0 28	24 21	14 55	0 28	1 8	12 1		n.a.
W26	19 36	10 54	1 54	21 45	1 14	19 17	4 49	20 18	0 57	3 45	1 32	20 25	2 47	20 1	0 15	18 8	0 28	24 22	14 55	0 29	1 7	11 58		n.a.
T 27	19 21	16 18	2 52	21 8	1 6	19 27	4 39	20 7	0 56	3 46	1 32	20 27	2 47	20 1	0 15	18 8	0 28	24 23	14 55	0 29	1 6	11 55		n.a.
F 28	19s 6	21n10	3n43	20s28	0s58	19s37	4n29	19s56	0s56	3n47	1n32	20n28	2n47	20n 1	0n15	18n 8	0s28	24n23	14n56	0n29	1n 4	11s52		n.a.

Julian Day Number = 196900.5, Delta T = 32h17m31s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'56, Lahiri = -61°17'55 Julian Calendar 1 Feb. 4174 BCE == Greg. Calendar 30 Dec. 4175 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

MARCH 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 9	7♒43'20	0♊43	7♒13	28♐38	7♒47	24°R 6	11°R31	25°R53	21°R15	3°R12	1°R 8	2♈34	5♓46	n.a.	S 1
S 2	8 28 6	8°41'05	14°10	9°22	29° 7	8°29	24♍ 3	11♌27	25♉53	21♉15	3♍11	1♈ 3	2°31	5°53	n.a.	S 2
M 3	8 32 2	9°38'47	28° 6	11°31	29°37	9°12	23°59	11°22	25°53	21°15	3° 9	0°57	2°28	6° 0	n.a.	M 3
T 4	8 35 59	10°36'28	12♋30	13°41	0♑ 9	9°54	23°56	11°18	25°52	21°15	3° 8	0°50	2°25	6° 6	n.a.	T 4
W 5	8 39 55	11°34'07	27°17	15°50	0°42	10°37	23°52	11°13	25°52	21°D15	3° 6	0°42	2°22	6°13	n.a.	W 5
T 6	8 43 52	12°31'45	12♌20	17°59	1°16	11°19	23°48	11° 9	25°D52	21°15	3° 5	0°35	2°18	6°19	n.a.	T 6
F 7	8 47 48	13°29'21	27°29	20° 8	1°51	12° 1	23°44	11° 5	25°52	21°15	3° 3	0°30	2°15	6°26	n.a.	F 7
S 8	8 51 45	14°26'55	12♍34	22°15	2°28	12°43	23°40	11° 0	25°52	21°15	3° 2	0°27	2°12	6°33	n.a.	S 8
S 9	8 55 41	15°24'27	27°28	24°21	3° 6	13°26	23°35	10°56	25°53	21°15	3° 0	0°D26	2° 9	6°39	n.a.	S 9
M10	8 59 38	16°21'59	12♎ 3	26°26	3°45	14° 8	23°31	10°51	25°53	21°15	2°58	0°26	2° 6	6°46	n.a.	M10
T 11	9 3 34	17°19'29	26°15	28°29	4°25	14°50	23°26	10°47	25°53	21°15	2°57	0°27	2° 3	6°53	n.a.	T 11
W12	9 7 31	18°16'58	10♏ 5	0♓30	5° 6	15°32	23°21	10°43	25°53	21°15	2°55	0°28	1°59	6°59	n.a.	W12
T 13	9 11 28	19°14'27	23°32	2°28	5°48	16°14	23°16	10°38	25°54	21°16	2°54	0°R29	1°56	7° 6	n.a.	T 13
F 14	9 15 24	20°11'54	6♐39	4°25	6°32	16°56	23°11	10°34	25°54	21°16	2°52	0°27	1°53	7°13	n.a.	F 14
S 15	9 19 21	21° 9'20	19°27	6°18	7°16	17°38	23° 6	10°30	25°54	21°16	2°50	0°24	1°50	7°19	n.a.	S 15
S 16	9 23 17	22° 6'45	2♑ 1	8° 9	8° 0	18°20	23° 0	10°25	25°55	21°17	2°49	0°20	1°47	7°26	n.a.	S 16
M17	9 27 14	23° 4'09	14°22	9°58	8°46	19° 1	22°55	10°21	25°55	21°17	2°47	0°14	1°43	7°33	n.a.	M17
T 18	9 31 10	24° 1'31	26°32	11°43	9°33	19°43	22°49	10°17	25°56	21°17	2°46	0° 7	1°40	7°39	n.a.	T 18
W19	9 35 7	24°58'53	8♒34	13°25	10°20	20°25	22°43	10°13	25°57	21°18	2°44	0° 1	1°37	7°46	n.a.	W19
T 20	9 39 3	25°56'13	20°29	15° 4	11° 8	21° 6	22°37	10° 8	25°57	21°18	2°42	29♓55	1°34	7°53	n.a.	T 20
F 21	9 43 0	26°53'33	2♓20	16°40	11°57	21°48	22°31	10° 4	25°58	21°19	2°41	29°51	1°31	7°59	n.a.	F 21
S 22	9 46 57	27°50'51	14° 7	18°13	12°47	22°30	22°25	10° 0	25°59	21°19	2°39	29°48	1°28	8° 6	n.a.	S 22
S 23	9 50 53	28°48'07	25°54	19°42	13°37	23°11	22°19	9°56	26° 0	21°20	2°37	29°D47	1°24	8°13	n.a.	S 23
M24	9 54 50	29°45'23	7♈44	21° 9	14°28	23°53	22°12	9°52	26° 1	21°21	2°36	29°47	1°21	8°19	n.a.	M24
T 25	9 58 46	0♓42'38	19°39	22°32	15°19	24°34	22° 6	9°48	26° 2	21°21	2°34	29°49	1°18	8°26	n.a.	T 25
W26	10 2 43	1°39'51	1♉43	23°51	16°11	25°15	21°59	9°44	26° 3	21°22	2°32	29°50	1°15	8°33	n.a.	W26
T 27	10 6 39	2°37'03	14° 0	25° 8	17° 4	25°57	21°52	9°40	26° 4	21°23	2°31	29°52	1°12	8°39	n.a.	T 27
F 28	10 10 36	3°34'14	26°35	26°20	17°57	26°38	21°45	9°36	26° 5	21°23	2°29	29°53	1° 9	8°46	n.a.	F 28
S 29	10 14 32	4°31'24	9♊31	27°30	18°51	27°19	21°39	9°33	26° 6	21°24	2°27	29°R53	1° 5	8°53	n.a.	S 29
S 30	10 18 29	5°28'32	22°53	28°35	19°45	28° 0	21°32	9°29	26° 7	21°25	2°26	29°52	1° 2	8°59	n.a.	S 30
M31	10 22 26	6♓25'40	6♋42	29♓38	20♑40	28♒41	21♍24	9♌25	26♉ 8	21♉26	2♍24	29♓50	0♈59	9♓ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s51	25n12	4n25	19s47	0s49	19s47	4n20	19s44	0s55	3n49	1n32	20n29	2n47	20n 1	0n15	18n 8	0s28	24n24	14n56	0n28	1n 3	11s48		n.a.
S 2	18 36	28 0	4 54	19 3	0 40	19 57	4 10	19 32	0 55	3 50	1 32	20 31	2 48	20 1	0 15	18 8	0 28	24 25	14 56	0 26	1 2	11 45		n.a.
M 3	18 20	29 13	5 6	18 18	0 30	20 6	4 1	19 20	0 55	3 52	1 32	20 32	2 48	20 1	0 15	18 8	0 28	24 26	14 56	0 23	1 0	11 42		n.a.
T 4	18 4	28 30	5 1	17 30	0 20	20 16	3 51	19 8	0 54	3 53	1 33	20 33	2 48	20 1	0 15	18 8	0 28	24 26	14 56	0 20	0 59	11 39		n.a.
W 5	17 48	25 47	4 35	16 41	0 9	20 25	3 42	18 56	0 54	3 55	1 33	20 35	2 48	20 1	0 15	18 8	0 28	24 27	14 56	0 17	0 58	11 35		n.a.
T 6	17 31	21 15	3 50	15 51	0n 1	20 34	3 32	18 44	0 54	3 56	1 33	20 36	2 48	20 1	0 15	18 8	0 28	24 28	14 56	0 14	0 57	11 32		n.a.
F 7	17 15	15 19	2 48	15 0	0 12	20 43	3 23	18 31	0 53	3 58	1 33	20 37	2 48	20 1	0 15	18 8	0 28	24 28	14 57	0 12	0 55	11 29		n.a.
S 8	16 57	8 29	1 35	14 8	0 23	20 52	3 14	18 19	0 53	4 0	1 33	20 38	2 48	20 1	0 15	18 8	0 28	24 29	14 57	0 11	0 54	11 25		n.a.
S 9	16 40	1 17	0 16	13 15	0 33	21 0	3 5	18 6	0 52	4 2	1 33	20 40	2 48	20 1	0 15	18 8	0 28	24 30	14 57	0 10	0 53	11 22		n.a.
M10	16 23	5s51	1s 3	12 22	0 44	21 8	2 56	17 53	0 52	4 4	1 33	20 41	2 48	20 1	0 15	18 8	0 28	24 30	14 57	0 11	0 51	11 19		n.a.
T 11	16 5	12 30	2 15	11 29	0 55	21 15	2 47	17 40	0 52	4 6	1 33	20 42	2 48	20 1	0 15	18 8	0 28	24 31	14 57	0 11	0 50	11 16		n.a.
W12	15 47	18 23	3 18	10 36	1 5	21 22	2 39	17 27	0 51	4 8	1 33	20 43	2 48	20 1	0 15	18 8	0 28	24 32	14 57	0 12	0 49	11 12		n.a.
T 13	15 28	23 11	4 8	9 43	1 15	21 29	2 30	17 13	0 51	4 10	1 33	20 45	2 48	20 1	0 15	18 8	0 28	24 33	14 57	0 12	0 47	11 9		n.a.
F 14	15 10	26 41	4 44	8 51	1 25	21 35	2 22	17 0	0 50	4 12	1 34	20 46	2 48	20 1	0 15	18 8	0 28	24 33	14 57	0 11	0 46	11 6		n.a.
S 15	14 51	28 45	5 4	8 0	1 34	21 41	2 14	16 46	0 50	4 14	1 34	20 47	2 48	20 1	0 15	18 8	0 28	24 34	14 57	0 10	0 45	11 2		n.a.
S 16	14 32	29 16	5 10	7 10	1 43	21 47	2 5	16 33	0 50	4 17	1 34	20 48	2 48	20 1	0 15	18 9	0 28	24 35	14 57	0 8	0 44	10 59		n.a.
M17	14 13	28 18	5 1	6 20	1 51	21 52	1 57	16 19	0 49	4 19	1 34	20 49	2 48	20 2	0 15	18 9	0 28	24 35	14 57	0 6	0 42	10 56		n.a.
T 18	13 53	25 59	4 38	5 32	1 59	21 57	1 50	16 5	0 49	4 21	1 34	20 51	2 48	20 2	0 15	18 9	0 28	24 36	14 57	0 3	0 41	10 52		n.a.
W19	13 34	22 32	4 3	4 46	2 6	22 1	1 42	15 51	0 48	4 24	1 34	20 52	2 48	20 2	0 15	18 9	0 28	24 36	14 57	0 0	0 40	10 49		n.a.
T 20	13 14	18 11	3 18	4 0	2 13	22 4	1 34	15 37	0 48	4 26	1 34	20 53	2 47	20 2	0 15	18 9	0 28	24 37	14 57	0s 2	0 38	10 46		n.a.
F 21	12 54	13 11	2 24	3 17	2 19	22 8	1 27	15 23	0 47	4 29	1 34	20 54	2 47	20 2	0 15	18 9	0 28	24 38	14 57	0 4	0 37	10 43		n.a.
S 22	12 33	7 43	1 25	2 35	2 25	22 10	1 19	15 9	0 47	4 31	1 34	20 55	2 47	20 2	0 15	18 9	0 28	24 38	14 57	0 5	0 36	10 39		n.a.
S 23	12 13	2 0	0 21	1 55	2 29	22 12	1 12	14 54	0 46	4 34	1 34	20 56	2 47	20 3	0 15	18 10	0 28	24 39	14 57	0 5	0 34	10 36		n.a.
M24	11 53	3n49	0n43	1 16	2 33	22 14	1 5	14 40	0 46	4 37	1 34	20 57	2 47	20 3	0 15	18 10	0 28	24 40	14 57	0 5	0 33	10 33		n.a.
T 25	11 32	9 32	1 47	0 40	2 36	22 15	0 58	14 25	0 46	4 39	1 34	20 58	2 47	20 3	0 15	18 10	0 28	24 40	14 57	0 5	0 32	10 29		n.a.
W26	11 11	15 0	2 46	0 5	2 39	22 16	0 51	14 10	0 45	4 42	1 34	20 59	2 47	20 3	0 15	18 10	0 28	24 41	14 57	0 4	0 31	10 26		n.a.
T 27	10 50	19 58	3 39	0n28	2 41	22 16	0 44	13 56	0 45	4 45	1 34	21 0	2 47	20 4	0 15	18 10	0 28	24 41	14 57	0 3	0 29	10 23		n.a.
F 28	10 29	24 12	4 23	0 58	2 42	22 15	0 38	13 41	0 44	4 48	1 34	21 1	2 47	20 4	0 15	18 11	0 28	24 42	14 57	0 3	0 28	10 19		n.a.
S 29	10 7	27 22	4 55	1 26	2 42	22 14	0 31	13 26	0 44	4 50	1 34	21 2	2 47	20 4	0 15	18 11	0 27	24 42	14 57	0 3	0 27	10 16		n.a.
S 30	9 46	29 7	5 12	1 53	2 41	22 13	0 25	13 11	0 43	4 53	1 34	21 3	2 47	20 4	0 15	18 11	0 27	24 43	14 57	0 3	0 25	10 13		n.a.
M31	9s24	29n 8	5n12	2n17	2n40	22s10	0n19	12s56	0s43	4n56	1n34	21n 4	2n47	20n 5	0n15	18n11	0s27	24n44	14n57	0s 4	0n24	10s 9		n.a.

Julian Day Number = 196928.5, Delta T = 32h17m28s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'52, Lahiri = -61°17'51 Julian Calendar 1 March 4174 BCE == Greg. Calendar 27 Jan. 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

APRIL 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 26 22	7♓22'46	20♋59	0♈36	21♉35	29♒23	21°R17	9°R22	26♉10	21♉27	2°R22	29°R47	0♈56	9♓13	n.a.	T 1
W 2	10 30 19	8°19'52	5♌40	1°31	22°31	0♓ 4	21♍10	9♌18	26°11	21°27	2♍21	29♓44	0°53	9°19	n.a.	W 2
T 3	10 34 15	9°16'56	20°40	2°22	23°27	0°45	21° 3	9°14	26°13	21°28	2°19	29°42	0°49	9°26	n.a.	T 3
F 4	10 38 12	10°14'00	5♍51	3° 9	24°23	1°26	20°56	9°11	26°14	21°29	2°17	29°40	0°46	9°33	n.a.	F 4
S 5	10 42 8	11°11'02	21° 4	3°52	25°20	2° 6	20°48	9° 8	26°16	21°30	2°16	29°39	0°43	9°39	n.a.	S 5
S 6	10 46 5	12° 8'04	6♎ 9	4°31	26°18	2°47	20°41	9° 4	26°17	21°31	2°14	29°D39	0°40	9°46	n.a.	S 6
M 7	10 50 1	13° 5'06	20°57	5° 5	27°16	3°28	20°33	9° 1	26°19	21°32	2°13	29°40	0°37	9°53	n.a.	M 7
T 8	10 53 58	14° 2'08	5♏23	5°36	28°14	4° 9	20°26	8°58	26°20	21°33	2°11	29°41	0°34	9°59	n.a.	T 8
W 9	10 57 55	14°59'09	19°23	6° 2	29°13	4°50	20°18	8°55	26°22	21°34	2° 9	29°42	0°30	10° 6	n.a.	W 9
T 10	11 1 51	15°56'10	2♐58	6°24	0♒12	5°30	20°11	8°52	26°24	21°36	2° 8	29°43	0°27	10°13	n.a.	T 10
F 11	11 5 48	16°53'11	16° 7	6°41	1°11	6°11	20° 3	8°48	26°26	21°37	2° 6	29°R43	0°24	10°19	n.a.	F 11
S 12	11 9 44	17°50'11	28°54	6°53	2°11	6°51	19°55	8°46	26°27	21°38	2° 5	29°43	0°21	10°26	n.a.	S 12
S 13	11 13 41	18°47'12	11♑23	7° 2	3°11	7°32	19°48	8°43	26°29	21°39	2° 3	29°42	0°18	10°33	n.a.	S 13
M14	11 17 37	19°44'12	23°37	7°R 5	4°11	8°13	19°40	8°40	26°31	21°40	2° 1	29°41	0°14	10°39	n.a.	M14
T 15	11 21 34	20°41'12	5♒39	7° 4	5°12	8°53	19°32	8°37	26°33	21°42	2° 0	29°40	0°11	10°46	n.a.	T 15
W16	11 25 31	21°38'13	17°34	6°59	6°13	9°33	19°25	8°34	26°35	21°43	1°58	29°38	0° 8	10°52	n.a.	W16
T 17	11 29 27	22°35'13	29°23	6°49	7°14	10°14	19°17	8°32	26°37	21°44	1°57	29°37	0° 5	10°59	n.a.	T 17
F 18	11 33 24	23°32'12	11♓11	6°36	8°16	10°54	19°10	8°29	26°39	21°45	1°55	29°37	0° 2	11° 6	n.a.	F 18
S 19	11 37 20	24°29'12	22°59	6°18	9°17	11°34	19° 2	8°27	26°42	21°47	1°54	29°37	29♓59	11°12	n.a.	S 19
S 20	11 41 17	25°26'12	4♈49	5°56	10°20	12°15	18°54	8°25	26°44	21°48	1°52	29°D37	29°55	11°19	n.a.	S 20
M21	11 45 13	26°23'11	16°45	5°31	11°22	12°55	18°47	8°22	26°46	21°50	1°51	29°37	29°52	11°26	n.a.	M21
T 22	11 49 10	27°20'10	28°48	5° 4	12°24	13°35	18°39	8°20	26°48	21°51	1°49	29°37	29°49	11°32	n.a.	T 22
W23	11 53 7	28°17'09	11♉ 0	4°33	13°27	14°15	18°32	8°18	26°51	21°52	1°48	29°37	29°46	11°39	n.a.	W23
T 24	11 57 3	29°14'08	23°25	4° 0	14°30	14°55	18°24	8°16	26°53	21°54	1°46	29°R37	29°43	11°46	n.a.	T 24
F 25	12 1 0	0♈11'07	6♊ 6	3°26	15°34	15°35	18°17	8°14	26°55	21°55	1°45	29°37	29°40	11°52	n.a.	F 25
S 26	12 4 56	1° 8'06	19° 4	2°51	16°37	16°15	18°10	8°12	26°58	21°57	1°44	29°37	29°36	11°59	n.a.	S 26
S 27	12 8 53	2° 5'04	2♋23	2°15	17°41	16°55	18° 3	8°11	27° 0	21°59	1°42	29°D37	29°33	12° 6	n.a.	S 27
M28	12 12 49	3° 2'03	16° 5	1°40	18°45	17°35	17°55	8° 9	27° 3	22° 0	1°41	29°37	29°30	12°12	n.a.	M28
T 29	12 16 46	3°59'01	0♌ 9	1° 5	19°49	18°15	17°48	8° 7	27° 5	22° 2	1°40	29°37	29°27	12°19	n.a.	T 29
W30	12 20 43	4♈55'59	14♌36	0♈32	20♒53	18♓55	17♍41	8♌ 6	27♉ 8	22♉ 3	1♍38	29♓38	29♓24	12♓26	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
T 1	9s 2	27n15	4n54	2n39	2n38	22s 8	0n12	12s40	0s42	4n59	1n34	21n 5	2n47	20n 5	0n15	18n12	0s27	24n44	14n57	0s 5	0n23	10s 6		n.a.		T 1
W 2	8 41	23 30	4 15	2 58	2 35	22 4	0 6	12 25	0 42	5 2	1 34	21 6	2 46	20 5	0 15	18 12	0 27	24 45	14 57	0 6	0 22	10 3		n.a.		W 2
T 3	8 19	18 8	3 19	3 16	2 31	22 0	0 1	12 10	0 41	5 5	1 34	21 7	2 46	20 6	0 15	18 12	0 27	24 45	14 56	0 7	0 20	9 59		n.a.		T 3
F 4	7 57	11 35	2 8	3 30	2 26	21 56	0s 5	11 54	0 41	5 8	1 34	21 8	2 46	20 6	0 15	18 12	0 27	24 46	14 56	0 8	0 19	9 56		n.a.		F 4
S 5	7 34	4 21	0 47	3 43	2 20	21 51	0 11	11 39	0 40	5 11	1 34	21 9	2 46	20 6	0 15	18 13	0 27	24 46	14 56	0 9	0 18	9 53		n.a.		S 5
S 6	7 12	3s 3	0s36	3 53	2 14	21 45	0 16	11 23	0 40	5 14	1 34	21 9	2 46	20 7	0 15	18 13	0 27	24 47	14 56	0 9	0 16	9 49		n.a.		S 6
M 7	6 50	10 10	1 55	4 0	2 7	21 39	0 21	11 8	0 40	5 16	1 34	21 10	2 46	20 7	0 15	18 13	0 27	24 47	14 56	0 8	0 15	9 46		n.a.		M 7
T 8	6 27	16 35	3 5	4 5	1 58	21 32	0 27	10 52	0 39	5 19	1 34	21 11	2 46	20 8	0 15	18 14	0 27	24 48	14 56	0 8	0 14	9 43		n.a.		T 8
W 9	6 5	21 56	4 2	4 7	1 49	21 25	0 32	10 36	0 39	5 22	1 34	21 12	2 46	20 8	0 15	18 14	0 27	24 48	14 55	0 7	0 12	9 39		n.a.		W 9
T 10	5 42	25 57	4 43	4 7	1 39	21 16	0 36	10 21	0 38	5 25	1 34	21 12	2 45	20 8	0 15	18 14	0 27	24 49	14 55	0 7	0 11	9 36		n.a.		T 10
F 11	5 19	28 28	5 8	4 4	1 28	21 8	0 41	10 5	0 38	5 28	1 33	21 13	2 45	20 9	0 15	18 15	0 27	24 49	14 55	0 7	0 10	9 32		n.a.		F 11
S 12	4 56	29 23	5 16	3 59	1 17	20 59	0 46	9 49	0 37	5 31	1 33	21 14	2 45	20 9	0 15	18 15	0 27	24 49	14 55	0 7	0 9	9 29		n.a.		S 12
S 13	4 33	28 46	5 10	3 51	1 4	20 49	0 50	9 33	0 37	5 34	1 33	21 14	2 45	20 10	0 15	18 15	0 27	24 50	14 55	0 7	0 7	9 26		n.a.		S 13
M14	4 10	26 44	4 49	3 40	0 51	20 39	0 55	9 17	0 36	5 37	1 33	21 15	2 45	20 10	0 15	18 16	0 27	24 50	14 54	0 8	0 6	9 22		n.a.		M14
T 15	3 47	23 31	4 16	3 27	0 37	20 28	0 59	9 1	0 36	5 40	1 33	21 15	2 45	20 11	0 15	18 16	0 27	24 51	14 54	0 8	0 5	9 19		n.a.		T 15
W16	3 24	19 22	3 33	3 12	0 23	20 16	1 3	8 45	0 35	5 43	1 33	21 16	2 44	20 11	0 15	18 16	0 27	24 51	14 54	0 9	0 3	9 16		n.a.		W16
T 17	3 1	14 30	2 40	2 54	0 8	20 4	1 7	8 29	0 35	5 46	1 33	21 17	2 44	20 12	0 15	18 17	0 27	24 51	14 54	0 9	0 2	9 12		n.a.		T 17
F 18	2 38	9 7	1 40	2 34	0s 8	19 51	1 11	8 12	0 34	5 49	1 33	21 17	2 44	20 12	0 15	18 17	0 27	24 52	14 53	0 9	0 1	9 9		n.a.		F 18
S 19	2 15	3 25	0 37	2 13	0 23	19 38	1 15	7 56	0 34	5 52	1 33	21 18	2 44	20 13	0 15	18 18	0 27	24 52	14 53	0 10	0s 1	9 5		n.a.		S 19
S 20	1 52	2n24	0n29	1 49	0 40	19 24	1 19	7 40	0 33	5 55	1 32	21 18	2 44	20 13	0 15	18 18	0 27	24 52	14 53	0 10	0 2	9 2		n.a.		S 20
M21	1 29	8 12	1 34	1 24	0 56	19 10	1 22	7 24	0 33	5 58	1 32	21 18	2 44	20 14	0 15	18 18	0 27	24 53	14 53	0 10	0 3	8 59		n.a.		M21
T 22	1 5	13 45	2 35	0 58	1 12	18 55	1 25	7 7	0 32	6 1	1 32	21 19	2 43	20 14	0 15	18 19	0 27	24 53	14 52	0 9	0 4	8 55		n.a.		T 22
W23	0 42	18 52	3 30	0 31	1 28	18 40	1 29	6 51	0 31	6 4	1 32	21 19	2 43	20 15	0 15	18 19	0 27	24 53	14 52	0 9	0 6	8 52		n.a.		W23
T 24	0 19	23 17	4 16	0 3	1 44	18 24	1 32	6 35	0 31	6 7	1 32	21 20	2 43	20 15	0 15	18 20	0 27	24 54	14 52	0 9	0 7	8 49		n.a.		T 24
F 25	0n 5	26 42	4 51	0s25	2 0	18 8	1 35	6 18	0 30	6 9	1 32	21 20	2 43	20 16	0 15	18 20	0 27	24 54	14 51	0 9	0 8	8 45		n.a.		F 25
S 26	0 28	28 50	5 12	0 53	2 14	17 51	1 38	6 2	0 30	6 12	1 31	21 20	2 43	20 16	0 15	18 20	0 27	24 54	14 51	0 9	0 10	8 42		n.a.		S 26
S 27	0 51	29 23	5 17	1 20	2 29	17 33	1 40	5 45	0 29	6 15	1 31	21 21	2 42	20 17	0 15	18 21	0 27	24 54	14 51	0 9	0 11	8 38		n.a.		S 27
M28	1 14	28 9	5 4	1 47	2 42	17 15	1 43	5 29	0 29	6 18	1 31	21 21	2 42	20 18	0 15	18 21	0 27	24 54	14 51	0 9	0 12	8 35		n.a.		M28
T 29	1 38	25 8	4 34	2 12	2 54	16 57	1 46	5 12	0 28	6 20	1 31	21 21	2 42	20 18	0 15	18 22	0 27	24 55	14 50	0 9	0 14	8 32		n.a.		T 29
W30	2n 1	20n29	3n45	2s36	3s 5	16s38	1s48	4s56	0s28	6n23	1n31	21n21	2n42	20n19	0n15	18n22	0s27	24n55	14n50	0s 9	0s15	8s28		n.a.		W30

Julian Day Number = 196959.5, Delta T = 32h17m25s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'48, Lahiri = -61°17'47 Julian Calendar 1 Apr. 4174 BCE == Greg. Calendar 27 Feb. 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

MAY 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 24 39	5♈52'57	29♌22	0°R 1	21♒58	19♓35	17°R34	8°R 5	27♉11	22♉ 5	1°R37	29♓38	29♓20	12♓32	n.a.	T 1
F 2	12 28 36	6°49'55	14♍20	29♓32	23° 3	20°14	17♍28	8♌ 3	27°13	22° 7	1♍36	29°39	29°17	12°39	n.a.	F 2
S 3	12 32 32	7°46'53	29°25	29° 6	24° 8	20°54	17°21	8° 2	27°16	22° 8	1°34	29°R39	29°14	12°46	n.a.	S 3
S 4	12 36 29	8°43'51	14♎27	28°44	25°13	21°34	17°14	8° 1	27°19	22°10	1°33	29°39	29°11	12°52	n.a.	S 4
M 5	12 40 25	9°40'50	29°17	28°26	26°18	22°13	17° 8	8° 0	27°22	22°12	1°32	29°38	29° 8	12°59	n.a.	M 5
T 6	12 44 22	10°37'50	13♏49	28°12	27°24	22°53	17° 1	7°59	27°24	22°14	1°31	29°37	29° 5	13° 6	n.a.	T 6
W 7	12 48 19	11°34'50	27°57	28° 2	28°30	23°33	16°55	7°58	27°27	22°15	1°30	29°36	29° 1	13°12	n.a.	W 7
T 8	12 52 15	12°31'51	11♐39	27°D58	29°36	24°12	16°48	7°57	27°30	22°17	1°29	29°34	28°58	13°19	n.a.	T 8
F 9	12 56 12	13°28'53	24°54	27°58	0♓42	24°52	16°42	7°57	27°33	22°19	1°27	29°33	28°55	13°25	n.a.	F 9
S 10	13 0 8	14°25'56	7♑45	28° 4	1°48	25°31	16°36	7°56	27°36	22°21	1°26	29°32	28°52	13°32	n.a.	S 10
S 11	13 4 5	15°22'59	20°14	28°15	2°54	26°10	16°30	7°56	27°39	22°23	1°25	29°D32	28°49	13°39	n.a.	S 11
M12	13 8 2	16°20'03	2♒26	28°31	4° 1	26°50	16°25	7°55	27°42	22°24	1°24	29°33	28°46	13°45	n.a.	M12
T 13	13 11 58	17°17'09	14°26	28°52	5° 8	27°29	16°19	7°55	27°45	22°26	1°23	29°34	28°42	13°52	n.a.	T 13
W14	13 15 55	18°14'15	26°17	29°19	6°14	28° 8	16°14	7°55	27°48	22°28	1°22	29°35	28°39	13°59	n.a.	W14
T 15	13 19 51	19°11'22	8♓ 5	29°52	7°22	28°48	16° 8	7°55	27°51	22°30	1°21	29°37	28°36	14° 5	n.a.	T 15
F 16	13 23 48	20° 8'30	19°52	0♈29	8°29	29°27	16° 3	7°D55	27°54	22°32	1°20	29°38	28°33	14°12	n.a.	F 16
S 17	13 27 44	21° 5'39	1♈43	1°12	9°36	0♈ 6	15°58	7°55	27°58	22°34	1°19	29°R38	28°30	14°19	n.a.	S 17
S 18	13 31 41	22° 2'48	13°41	2° 1	10°43	0°45	15°53	7°55	28° 1	22°36	1°18	29°38	28°26	14°25	n.a.	S 18
M19	13 35 38	22°59'59	25°46	2°54	11°51	1°24	15°48	7°55	28° 4	22°38	1°18	29°36	28°23	14°32	n.a.	M19
T 20	13 39 34	23°57'11	8♉ 2	3°53	12°59	2° 3	15°44	7°56	28° 7	22°40	1°17	29°33	28°20	14°39	n.a.	T 20
W21	13 43 31	24°54'23	20°30	4°57	14° 7	2°43	15°39	7°56	28°10	22°42	1°16	29°29	28°17	14°45	n.a.	W21
T 22	13 47 27	25°51'37	3♊10	6° 6	15°15	3°22	15°35	7°57	28°14	22°44	1°15	29°25	28°14	14°52	n.a.	T 22
F 23	13 51 24	26°48'51	16° 3	7°19	16°23	4° 0	15°31	7°57	28°17	22°46	1°14	29°21	28°11	14°59	n.a.	F 23
S 24	13 55 20	27°46'06	29°12	8°38	17°31	4°39	15°27	7°58	28°20	22°48	1°14	29°18	28° 7	15° 5	n.a.	S 24
S 25	13 59 17	28°43'22	12♋35	10° 1	18°39	5°18	15°23	7°59	28°24	22°50	1°13	29°15	28° 4	15°12	n.a.	S 25
M26	14 3 14	29°40'39	26°15	11°28	19°48	5°57	15°19	8° 0	28°27	22°52	1°12	29°D14	28° 1	15°19	n.a.	M26
T 27	14 7 10	0♉37'57	10♌11	13° 0	20°57	6°36	15°16	8° 1	28°31	22°54	1°12	29°15	27°58	15°25	n.a.	T 27
W28	14 11 7	1°35'15	24°23	14°36	22° 5	7°15	15°13	8° 2	28°34	22°56	1°11	29°16	27°55	15°32	n.a.	W28
T 29	14 15 3	2°32'34	8♍50	16°16	23°14	7°53	15°10	8° 3	28°37	22°59	1°11	29°17	27°51	15°38	n.a.	T 29
F 30	14 19 0	3°29'55	23°28	18° 0	24°23	8°32	15° 7	8° 5	28°41	23° 1	1°10	29°R18	27°48	15°45	n.a.	F 30
S 31	14 22 56	4♉27'16	8♎12	19♈47	25♓32	9♈11	15♍ 4	8♌ 6	28♉44	23♉ 3	1♍10	29♓18	27♓45	15♓52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	2n24	14n31	2n40	2s58	3s15	16s19	1s50	4s39	0s27	6n25	1n30	21n21	2n42	20n20	0n15	18n23	0s27	24n55	14n49	0s 9	0s16	8s25			n.a.
F 2	2 47	7 37	1 24	3 18	3 24	15 59	1 52	4 23	0 27	6 28	1 30	21 22	2 41	20 20	0 15	18 23	0 27	24 55	14 49	0 9	0 17	8 21			n.a.
S 3	3 10	0 15	0 1	3 35	3 31	15 39	1 55	4 6	0 26	6 30	1 30	21 22	2 41	20 21	0 15	18 24	0 27	24 55	14 49	0 9	0 19	8 18			n.a.
S 4	3 33	7s 6	1s21	3 50	3 38	15 18	1 56	3 50	0 26	6 33	1 30	21 22	2 41	20 21	0 15	18 24	0 27	24 55	14 48	0 9	0 20	8 15			n.a.
M 5	3 56	13 58	2 37	4 1	3 42	14 57	1 58	3 33	0 25	6 35	1 29	21 22	2 41	20 22	0 15	18 25	0 27	24 56	14 48	0 9	0 21	8 11			n.a.
T 6	4 19	19 56	3 41	4 10	3 46	14 35	2 0	3 17	0 25	6 38	1 29	21 22	2 40	20 23	0 15	18 25	0 26	24 56	14 48	0 9	0 23	8 8			n.a.
W 7	4 42	24 38	4 30	4 16	3 48	14 13	2 2	3 0	0 24	6 40	1 29	21 22	2 40	20 23	0 15	18 26	0 26	24 56	14 47	0 10	0 24	8 4			n.a.
T 8	5 5	27 47	5 1	4 19	3 49	13 51	2 3	2 43	0 23	6 42	1 29	21 22	2 40	20 24	0 15	18 26	0 26	24 56	14 47	0 11	0 25	8 1			n.a.
F 9	5 28	29 16	5 15	4 18	3 48	13 28	2 4	2 27	0 23	6 44	1 28	21 22	2 40	20 25	0 15	18 27	0 26	24 56	14 46	0 11	0 27	7 58			n.a.
S 10	5 51	29 6	5 13	4 14	3 46	13 5	2 6	2 10	0 22	6 47	1 28	21 22	2 40	20 25	0 15	18 27	0 26	24 56	14 46	0 11	0 28	7 54			n.a.
S 11	6 13	27 25	4 56	4 7	3 43	12 41	2 7	1 54	0 22	6 49	1 28	21 22	2 39	20 26	0 15	18 28	0 26	24 56	14 46	0 11	0 29	7 51			n.a.
M12	6 36	24 29	4 26	3 57	3 40	12 17	2 8	1 37	0 21	6 51	1 28	21 22	2 39	20 27	0 15	18 28	0 26	24 56	14 45	0 11	0 30	7 47			n.a.
T 13	6 58	20 32	3 45	3 43	3 35	11 53	2 9	1 21	0 21	6 53	1 27	21 21	2 39	20 28	0 15	18 29	0 26	24 56	14 45	0 11	0 32	7 44			n.a.
W14	7 21	15 49	2 54	3 27	3 29	11 28	2 9	1 4	0 20	6 55	1 27	21 21	2 39	20 28	0 15	18 29	0 26	24 56	14 44	0 10	0 33	7 41			n.a.
T 15	7 43	10 34	1 56	3 7	3 22	11 3	2 10	0 47	0 20	6 57	1 27	21 21	2 38	20 29	0 15	18 30	0 26	24 56	14 44	0 9	0 34	7 37			n.a.
F 16	8 5	4 56	0 54	2 45	3 14	10 38	2 11	0 31	0 19	6 58	1 26	21 21	2 38	20 30	0 15	18 30	0 26	24 56	14 43	0 9	0 36	7 34			n.a.
S 17	8 27	0n53	0n11	2 20	3 6	10 12	2 11	0 14	0 18	7 0	1 26	21 21	2 38	20 30	0 15	18 31	0 26	24 56	14 43	0 9	0 37	7 30			n.a.
S 18	8 49	6 43	1 17	1 52	2 56	9 46	2 12	0n 2	0 18	7 2	1 26	21 20	2 38	20 31	0 15	18 31	0 26	24 56	14 42	0 9	0 38	7 27			n.a.
M19	9 11	12 23	2 19	1 21	2 47	9 20	2 12	0 19	0 17	7 4	1 26	21 20	2 38	20 32	0 15	18 32	0 26	24 56	14 42	0 10	0 40	7 23			n.a.
T 20	9 33	17 39	3 16	0 47	2 36	8 54	2 12	0 35	0 17	7 5	1 25	21 20	2 37	20 33	0 15	18 32	0 26	24 55	14 42	0 11	0 41	7 20			n.a.
W21	9 54	22 17	4 4	0 11	2 25	8 27	2 12	0 52	0 16	7 7	1 25	21 19	2 37	20 33	0 15	18 33	0 26	24 55	14 41	0 13	0 42	7 17			n.a.
T 22	10 16	25 58	4 41	0n27	2 14	8 0	2 12	1 8	0 16	7 8	1 25	21 19	2 37	20 34	0 15	18 33	0 26	24 55	14 41	0 14	0 43	7 13			n.a.
F 23	10 37	28 25	5 5	1 7	2 2	7 32	2 12	1 24	0 15	7 9	1 24	21 19	2 37	20 35	0 15	18 34	0 26	24 55	14 40	0 16	0 45	7 10			n.a.
S 24	10 58	29 20	5 13	1 50	1 50	7 5	2 12	1 41	0 14	7 11	1 24	21 18	2 36	20 36	0 15	18 34	0 26	24 55	14 40	0 17	0 46	7 6			n.a.
S 25	11 19	28 33	5 5	2 35	1 38	6 37	2 12	1 57	0 14	7 12	1 24	21 18	2 36	20 37	0 15	18 35	0 26	24 55	14 39	0 18	0 47	7 3			n.a.
M26	11 40	26 3	4 39	3 22	1 25	6 9	2 11	2 14	0 13	7 13	1 23	21 17	2 36	20 37	0 15	18 36	0 26	24 54	14 39	0 19	0 49	6 59			n.a.
T 27	12 1	21 59	3 57	4 10	1 13	5 41	2 11	2 30	0 13	7 14	1 23	21 17	2 36	20 38	0 15	18 36	0 26	24 54	14 38	0 19	0 50	6 56			n.a.
W28	12 21	16 34	2 59	5 0	1 0	5 12	2 10	2 46	0 12	7 15	1 23	21 16	2 36	20 39	0 15	18 37	0 26	24 54	14 38	0 18	0 51	6 52			n.a.
T 29	12 42	10 10	1 50	5 51	0 47	4 44	2 9	3 2	0 12	7 16	1 22	21 16	2 35	20 40	0 15	18 37	0 26	24 54	14 37	0 18	0 53	6 49			n.a.
F 30	13 2	3 9	0 32	6 43	0 35	4 15	2 9	3 19	0 11	7 17	1 22	21 15	2 35	20 40	0 15	18 38	0 26	24 53	14 37	0 17	0 54	6 46			n.a.
S 31	13n22	4s 5	0s48	7n36	0s22	3s46	2s 8	3n35	0s10	7n18	1n22	21n15	2n35	20n41	0n15	18n38	0s26	24n53	14n36	0s17	0s55	6s42			n.a.

Julian Day Number = 196989.5, Delta T = 32h17m22s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'44, Lahiri = -61°17'43 Julian Calendar 1 May 4174 BCE == Greg. Calendar 29 March 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

JUNE 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 26 53	5♉24'38	22♎57	21♈37	26♓41	9♈49	15°R 1	8♌ 8	28♉48	23♉ 5	1°R 9	29°R16	27♓42	15♓58	n.a.	S 1
M 2	14 30 50	6°22'02	7♏36	23°30	27°51	10°28	14♍59	8° 9	28°51	23° 7	1♍ 9	29♓13	27°39	16° 5	n.a.	M 2
T 3	14 34 46	7°19'27	22° 1	25°26	29° 0	11° 7	14°57	8°11	28°55	23° 9	1° 8	29° 8	27°36	16°12	n.a.	T 3
W 4	14 38 43	8°16'53	6♐ 8	27°23	0♈10	11°45	14°55	8°13	28°58	23°11	1° 8	29° 2	27°32	16°18	n.a.	W 4
T 5	14 42 39	9°14'22	19°50	29°23	1°19	12°24	14°53	8°14	29° 2	23°14	1° 8	28°56	27°29	16°25	n.a.	T 5
F 6	14 46 36	10°11'51	3♑ 8	1♉24	2°29	13° 2	14°51	8°16	29° 6	23°16	1° 7	28°50	27°26	16°32	n.a.	F 6
S 7	14 50 32	11° 9'23	16° 1	3°26	3°39	13°41	14°49	8°18	29° 9	23°18	1° 7	28°46	27°23	16°38	n.a.	S 7
S 8	14 54 29	12° 6'56	28°32	5°28	4°49	14°19	14°48	8°21	29°13	23°20	1° 7	28°43	27°20	16°45	n.a.	S 8
M 9	14 58 26	13° 4'31	10♒45	7°31	5°59	14°57	14°47	8°23	29°16	23°22	1° 7	28°D42	27°17	16°52	n.a.	M 9
T 10	15 2 22	14° 2'08	22°45	9°35	7° 9	15°36	14°46	8°25	29°20	23°25	1° 6	28°42	27°13	16°58	n.a.	T 10
W11	15 6 19	14°59'46	4♓36	11°38	8°19	16°14	14°45	8°28	29°24	23°27	1° 6	28°43	27°10	17° 5	n.a.	W11
T 12	15 10 15	15°57'27	16°23	13°41	9°30	16°52	14°45	8°30	29°27	23°29	1° 6	28°45	27° 7	17°12	n.a.	T 12
F 13	15 14 12	16°55'09	28°13	15°43	10°40	17°30	14°44	8°33	29°31	23°31	1° 6	28°R45	27° 4	17°18	n.a.	F 13
S 14	15 18 8	17°52'53	10♈ 8	17°44	11°51	18° 9	14°44	8°35	29°35	23°33	1° 6	28°45	27° 1	17°25	n.a.	S 14
S 15	15 22 5	18°50'39	22°13	19°45	13° 1	18°47	14°D44	8°38	29°38	23°36	1°D 6	28°42	26°57	17°32	n.a.	S 15
M16	15 26 2	19°48'27	4♉31	21°45	14°12	19°25	14°44	8°41	29°42	23°38	1° 6	28°37	26°54	17°38	n.a.	M16
T 17	15 29 58	20°46'16	17° 2	23°43	15°23	20° 3	14°45	8°44	29°46	23°40	1° 6	28°30	26°51	17°45	n.a.	T 17
W18	15 33 55	21°44'08	29°49	25°41	16°34	20°41	14°45	8°47	29°50	23°42	1° 6	28°21	26°48	17°51	n.a.	W18
T 19	15 37 51	22°42'01	12♊50	27°37	17°45	21°19	14°46	8°50	29°53	23°45	1° 6	28°12	26°45	17°58	n.a.	T 19
F 20	15 41 48	23°39'56	26° 5	29°32	18°56	21°57	14°47	8°53	29°57	23°47	1° 7	28° 2	26°42	18° 5	n.a.	F 20
S 21	15 45 44	24°37'52	9♋32	1♊26	20° 7	22°35	14°48	8°56	0♊ 1	23°49	1° 7	27°54	26°38	18°11	n.a.	S 21
S 22	15 49 41	25°35'51	23°10	3°19	21°19	23°13	14°49	9° 0	0° 5	23°51	1° 7	27°48	26°35	18°18	n.a.	S 22
M23	15 53 38	26°33'50	6♌58	5°10	22°30	23°51	14°51	9° 3	0° 8	23°54	1° 7	27°44	26°32	18°25	n.a.	M23
T 24	15 57 34	27°31'52	20°54	7° 0	23°41	24°29	14°52	9° 7	0°12	23°56	1° 8	27°43	26°29	18°31	n.a.	T 24
W25	16 1 31	28°29'55	4♍58	8°49	24°53	25° 7	14°54	9°10	0°16	23°58	1° 8	27°D42	26°26	18°38	n.a.	W25
T 26	16 5 27	29°27'59	19°10	10°36	26° 4	25°44	14°56	9°14	0°20	24° 0	1° 8	27°43	26°23	18°45	n.a.	T 26
F 27	16 9 24	0♊26'05	3♎27	12°22	27°16	26°22	14°59	9°18	0°23	24° 2	1° 9	27°R43	26°19	18°51	n.a.	F 27
S 28	16 13 20	1°24'13	17°47	14° 7	28°28	27° 0	15° 1	9°22	0°27	24° 5	1° 9	27°42	26°16	18°58	n.a.	S 28
S 29	16 17 17	2°22'23	2♏ 8	15°50	29°40	27°37	15° 4	9°25	0°31	24° 7	1°10	27°38	26°13	19° 5	n.a.	S 29
M30	16 21 13	3♊20'34	16♏24	17♊33	0♉52	28♈15	15♍ 6	9♌29	0♊35	24♉ 9	1♍10	27♓31	26♓10	19♓11	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n42	11s 6	2s 5	8n30	0s10	3s17	2s 7	3n51	0s10	7n18	1n21	21n14	2n35	20n42	0n15	18n39	0s26	24n53	14n36	0s18	0s56	6s39		n.a.
M 2	14 1	17 28	3 13	9 24	0n 1	2 48	2 6	4 7	0 9	7 19	1 21	21 13	2 34	20 43	0 15	18 40	0 26	24 53	14 35	0 19	0 58	6 35		n.a.
T 3	14 21	22 46	4 8	10 18	0 13	2 18	2 5	4 23	0 9	7 20	1 21	21 13	2 34	20 44	0 15	18 40	0 26	24 52	14 35	0 21	0 59	6 32		n.a.
W 4	14 40	26 37	4 46	11 12	0 23	1 49	2 4	4 39	0 8	7 20	1 20	21 12	2 34	20 44	0 15	18 41	0 26	24 52	14 34	0 24	1 0	6 28		n.a.
T 5	14 59	28 48	5 6	12 5	0 34	1 19	2 2	4 55	0 7	7 21	1 20	21 11	2 34	20 45	0 15	18 41	0 26	24 52	14 33	0 26	1 2	6 25		n.a.
F 6	15 17	29 14	5 9	12 58	0 44	0 50	2 1	5 11	0 7	7 21	1 20	21 10	2 33	20 46	0 15	18 42	0 26	24 51	14 33	0 29	1 3	6 21		n.a.
S 7	15 36	28 1	4 56	13 50	0 53	0 20	2 0	5 27	0 6	7 21	1 19	21 10	2 33	20 47	0 15	18 42	0 26	24 51	14 32	0 30	1 4	6 18		n.a.
S 8	15 54	25 25	4 29	14 40	1 1	0n10	1 58	5 43	0 6	7 22	1 19	21 9	2 33	20 48	0 15	18 43	0 26	24 50	14 32	0 32	1 5	6 15		n.a.
M 9	16 12	21 43	3 51	15 30	1 9	0 40	1 57	5 59	0 5	7 22	1 19	21 8	2 33	20 49	0 15	18 44	0 26	24 50	14 31	0 32	1 7	6 11		n.a.
T 10	16 30	17 11	3 2	16 17	1 16	1 10	1 55	6 14	0 4	7 22	1 18	21 7	2 33	20 49	0 15	18 44	0 26	24 50	14 31	0 32	1 8	6 8		n.a.
W11	16 47	12 3	2 7	17 3	1 23	1 40	1 53	6 30	0 4	7 22	1 18	21 6	2 32	20 50	0 15	18 45	0 26	24 49	14 30	0 31	1 9	6 4		n.a.
T 12	17 5	6 32	1 6	17 47	1 28	2 10	1 52	6 46	0 3	7 22	1 18	21 5	2 32	20 51	0 15	18 45	0 26	24 49	14 30	0 31	1 11	6 1		n.a.
F 13	17 22	0 47	0 3	18 30	1 33	2 40	1 50	7 1	0 2	7 21	1 17	21 4	2 32	20 52	0 15	18 46	0 26	24 48	14 29	0 31	1 12	5 57		n.a.
S 14	17 38	5n 3	1n 1	19 10	1 38	3 10	1 48	7 17	0 2	7 21	1 17	21 4	2 32	20 53	0 15	18 47	0 26	24 48	14 29	0 31	1 13	5 54		n.a.
S 15	17 55	10 47	2 3	19 48	1 41	3 40	1 46	7 32	0 1	7 21	1 17	21 3	2 31	20 53	0 15	18 47	0 26	24 47	14 28	0 32	1 15	5 50		n.a.
M16	18 11	16 12	3 0	20 24	1 44	4 10	1 44	7 48	0 1	7 21	1 16	21 2	2 31	20 54	0 15	18 48	0 26	24 47	14 27	0 34	1 16	5 47		n.a.
T 17	18 27	21 3	3 50	20 57	1 47	4 40	1 42	8 3	0n 0	7 20	1 16	21 1	2 31	20 55	0 15	18 48	0 26	24 46	14 27	0 37	1 17	5 43		n.a.
W18	18 43	25 3	4 29	21 29	1 49	5 10	1 40	8 19	0 1	7 20	1 16	21 0	2 31	20 56	0 15	18 49	0 26	24 46	14 26	0 40	1 18	5 40		n.a.
T 19	18 58	27 50	4 54	21 58	1 50	5 40	1 38	8 34	0 1	7 19	1 15	20 59	2 31	20 57	0 15	18 49	0 26	24 45	14 26	0 44	1 20	5 36		n.a.
F 20	19 13	29 8	5 5	22 25	1 50	6 9	1 35	8 49	0 2	7 18	1 15	20 57	2 30	20 58	0 15	18 50	0 26	24 44	14 25	0 48	1 21	5 33		n.a.
S 21	19 28	28 44	4 59	22 50	1 50	6 39	1 33	9 4	0 3	7 18	1 15	20 56	2 30	20 58	0 15	18 51	0 26	24 44	14 25	0 51	1 22	5 29		n.a.
S 22	19 42	26 36	4 36	23 12	1 50	7 9	1 31	9 19	0 3	7 17	1 14	20 55	2 30	20 59	0 15	18 51	0 26	24 43	14 24	0 54	1 24	5 26		n.a.
M23	19 56	22 52	3 57	23 33	1 49	7 38	1 28	9 34	0 4	7 16	1 14	20 54	2 30	21 0	0 15	18 52	0 26	24 43	14 24	0 55	1 25	5 23		n.a.
T 24	20 10	17 49	3 3	23 51	1 47	8 7	1 26	9 49	0 5	7 15	1 14	20 53	2 30	21 1	0 15	18 52	0 26	24 42	14 23	0 56	1 26	5 19		n.a.
W25	20 23	11 47	1 58	24 8	1 45	8 37	1 23	10 4	0 5	7 14	1 13	20 52	2 29	21 2	0 15	18 53	0 26	24 41	14 22	0 56	1 28	5 16		n.a.
T 26	20 36	5 6	0 46	24 22	1 43	9 6	1 21	10 19	0 6	7 13	1 13	20 51	2 29	21 3	0 15	18 54	0 26	24 41	14 22	0 56	1 29	5 12		n.a.
F 27	20 49	1s52	0s30	24 34	1 40	9 34	1 18	10 33	0 6	7 11	1 13	20 49	2 29	21 3	0 15	18 54	0 26	24 40	14 21	0 56	1 30	5 9		n.a.
S 28	21 1	8 47	1 45	24 45	1 37	10 3	1 16	10 48	0 7	7 10	1 12	20 48	2 29	21 4	0 15	18 55	0 26	24 39	14 21	0 57	1 31	5 5		n.a.
S 29	21 13	15 14	2 52	24 53	1 33	10 32	1 13	11 2	0 8	7 9	1 12	20 47	2 29	21 5	0 15	18 55	0 26	24 39	14 20	0 58	1 33	5 2		n.a.
M30	21n25	20s51	3s49	25n 0	1n29	11n 0	1s11	11n17	0n 8	7n 7	1n12	20n45	2n28	21n 6	0n15	18n56	0s26	24n38	14n20	1s 1	1s34	4s58		n.a.

Julian Day Number = 197020.5, Delta T = 32h17m18s
Ecliptic obliquity = 24°07'03, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'40, Lahiri = -61°17'39 Julian Calendar 1 June 4174 BCE == Greg. Calendar 29 Apr. 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

JULY 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 25 10	4♊18'48	0♐30	19♊14	2♉ 4	28♈53	15♍ 9	9♌33	0♊38	24♉11	1♍11	27°R22	26♓ 7	19♓18	n.a.	T 1
W 2	16 29 6	5°17'03	14°22	20°53	3°16	29°30	15°12	9°38	0°42	24°13	1°11	27♓11	26° 3	19°25	n.a.	W 2
T 3	16 33 3	6°15'21	27°56	22°32	4°28	0♉ 8	15°16	9°42	0°46	24°16	1°12	27° 0	26° 0	19°31	n.a.	T 3
F 4	16 37 0	7°13'41	11♑ 9	24° 9	5°40	0°45	15°19	9°46	0°50	24°18	1°12	26°50	25°57	19°38	n.a.	F 4
S 5	16 40 56	8°12'03	23°59	25°46	6°53	1°23	15°23	9°50	0°53	24°20	1°13	26°41	25°54	19°44	n.a.	S 5
S 6	16 44 53	9°10'28	6♒30	27°20	8° 5	2° 0	15°27	9°55	0°57	24°22	1°14	26°34	25°51	19°51	n.a.	S 6
M 7	16 48 49	10° 8'54	18°43	28°54	9°18	2°38	15°31	9°59	1° 1	24°24	1°15	26°30	25°48	19°58	n.a.	M 7
T 8	16 52 46	11° 7'24	0♓42	0♋27	10°30	3°15	15°35	10° 4	1° 4	24°27	1°15	26°28	25°44	20° 4	n.a.	T 8
W 9	16 56 42	12° 5'55	12°33	1°58	11°43	3°52	15°39	10° 8	1° 8	24°29	1°16	26°D27	25°41	20°11	n.a.	W 9
T 10	17 0 39	13° 4'29	24°21	3°29	12°56	4°30	15°44	10°13	1°12	24°31	1°17	26°R27	25°38	20°18	n.a.	T 10
F 11	17 4 35	14° 3'05	6♈12	4°58	14° 8	5° 7	15°48	10°18	1°16	24°33	1°18	26°27	25°35	20°24	n.a.	F 11
S 12	17 8 32	15° 1'44	18°10	6°26	15°21	5°44	15°53	10°23	1°19	24°35	1°19	26°25	25°32	20°31	n.a.	S 12
S 13	17 12 28	16° 0'25	0♉21	7°52	16°34	6°21	15°58	10°28	1°23	24°37	1°20	26°21	25°29	20°38	n.a.	S 13
M14	17 16 25	16°59'09	12°47	9°18	17°47	6°59	16° 3	10°33	1°27	24°39	1°21	26°14	25°25	20°44	n.a.	M14
T 15	17 20 22	17°57'55	25°33	10°42	19° 1	7°36	16° 9	10°38	1°30	24°41	1°22	26° 5	25°22	20°51	n.a.	T 15
W16	17 24 18	18°56'44	8♊38	12° 5	20°14	8°13	16°14	10°43	1°34	24°44	1°23	25°53	25°19	20°58	n.a.	W16
T 17	17 28 15	19°55'34	22° 1	13°26	21°27	8°50	16°20	10°48	1°38	24°46	1°24	25°41	25°16	21° 4	n.a.	T 17
F 18	17 32 11	20°54'27	5♋41	14°47	22°40	9°27	16°26	10°53	1°41	24°48	1°25	25°28	25°13	21°11	n.a.	F 18
S 19	17 36 8	21°53'23	19°34	16° 6	23°54	10° 4	16°32	10°58	1°45	24°50	1°26	25°17	25° 9	21°18	n.a.	S 19
S 20	17 40 4	22°52'20	3♌35	17°23	25° 7	10°41	16°38	11° 4	1°48	24°52	1°27	25° 8	25° 6	21°24	n.a.	S 20
M21	17 44 1	23°51'20	17°41	18°39	26°21	11°18	16°44	11° 9	1°52	24°54	1°28	25° 2	25° 3	21°31	n.a.	M21
T 22	17 47 57	24°50'21	1♍50	19°53	27°34	11°55	16°51	11°14	1°55	24°56	1°30	24°59	25° 0	21°38	n.a.	T 22
W23	17 51 54	25°49'24	15°58	21° 6	28°48	12°31	16°57	11°20	1°59	24°58	1°31	24°58	24°57	21°44	n.a.	W23
T 24	17 55 50	26°48'29	0♎ 4	22°17	0♊ 1	13° 8	17° 4	11°25	2° 2	25° 0	1°32	24°58	24°54	21°51	n.a.	T 24
F 25	17 59 47	27°47'37	14° 8	23°26	1°15	13°45	17°11	11°31	2° 6	25° 2	1°33	24°58	24°50	21°57	n.a.	F 25
S 26	18 3 44	28°46'46	28° 9	24°33	2°29	14°22	17°18	11°37	2° 9	25° 4	1°35	24°56	24°47	22° 4	n.a.	S 26
S 27	18 7 40	29°45'57	12♏ 5	25°37	3°43	14°58	17°25	11°42	2°13	25° 5	1°36	24°51	24°44	22°11	n.a.	S 27
M28	18 11 37	0♋45'11	25°55	26°40	4°57	15°35	17°32	11°48	2°16	25° 7	1°38	24°43	24°41	22°17	n.a.	M28
T 29	18 15 33	1°44'26	9♐37	27°40	6°11	16°11	17°40	11°54	2°20	25° 9	1°39	24°33	24°38	22°24	n.a.	T 29
W30	18 19 30	2°43'44	23° 6	28°37	7°25	16°48	17°47	12° 0	2°23	25°11	1°41	24°21	24°35	22°31	n.a.	W30
T 31	18 23 26	3♋43'04	6♑21	29♋32	8♊39	17♉25	17♍55	12♌ 6	2♊26	25♉13	1♍42	24♓ 8	24♓31	22♓37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n36	25s14	4s30	25n 5	1n25	11n28	1s 8	11n31	0n 9	7n 6	1n11	20n44	2n28	21n 7	0n15	18n56	0s26	24n37	14n19	1s 5	1s35	4s55		n.a.
W 2	21 47	28 3	4 55	25 8	1 20	11 56	1 5	11 46	0 10	7 4	1 11	20 43	2 28	21 7	0 15	18 57	0 26	24 37	14 19	1 9	1 37	4 51		n.a.
T 3	21 58	29 8	5 2	25 9	1 15	12 24	1 3	12 0	0 10	7 3	1 11	20 42	2 28	21 8	0 15	18 58	0 25	24 36	14 18	1 13	1 38	4 48		n.a.
F 4	22 8	28 30	4 53	25 9	1 10	12 51	1 0	12 14	0 11	7 1	1 10	20 40	2 28	21 9	0 15	18 58	0 25	24 35	14 18	1 18	1 39	4 44		n.a.
S 5	22 18	26 20	4 29	25 7	1 4	13 18	0 57	12 28	0 12	6 59	1 10	20 39	2 27	21 10	0 15	18 59	0 25	24 34	14 17	1 21	1 40	4 41		n.a.
S 6	22 27	22 55	3 53	25 4	0 59	13 45	0 54	12 42	0 12	6 58	1 10	20 37	2 27	21 11	0 15	18 59	0 25	24 34	14 16	1 24	1 42	4 37		n.a.
M 7	22 36	18 35	3 6	24 59	0 52	14 11	0 51	12 56	0 13	6 56	1 9	20 36	2 27	21 12	0 15	19 0	0 25	24 33	14 16	1 26	1 43	4 34		n.a.
T 8	22 45	13 35	2 12	24 53	0 46	14 37	0 49	13 10	0 14	6 54	1 9	20 34	2 27	21 12	0 15	19 0	0 25	24 32	14 15	1 27	1 44	4 30		n.a.
W 9	22 53	8 10	1 13	24 46	0 40	15 3	0 46	13 23	0 14	6 52	1 9	20 33	2 27	21 13	0 15	19 1	0 25	24 31	14 15	1 27	1 46	4 27		n.a.
T 10	23 0	2 29	0 11	24 37	0 33	15 29	0 43	13 37	0 15	6 50	1 8	20 32	2 27	21 14	0 15	19 1	0 25	24 30	14 14	1 27	1 47	4 23		n.a.
F 11	23 8	3n19	0n51	24 27	0 26	15 54	0 40	13 50	0 16	6 47	1 8	20 30	2 26	21 15	0 15	19 2	0 25	24 29	14 14	1 27	1 48	4 20		n.a.
S 12	23 15	9 2	1 52	24 16	0 19	16 19	0 37	14 4	0 16	6 45	1 8	20 29	2 26	21 16	0 15	19 2	0 25	24 29	14 13	1 28	1 50	4 16		n.a.
S 13	23 21	14 32	2 49	24 4	0 11	16 43	0 34	14 17	0 17	6 43	1 7	20 27	2 26	21 16	0 15	19 3	0 25	24 28	14 13	1 29	1 51	4 13		n.a.
M14	23 27	19 35	3 39	23 50	0 4	17 7	0 31	14 30	0 18	6 41	1 7	20 25	2 26	21 17	0 15	19 4	0 25	24 27	14 12	1 32	1 52	4 9		n.a.
T 15	23 33	23 52	4 19	23 36	0s 4	17 30	0 29	14 44	0 19	6 38	1 7	20 24	2 26	21 18	0 15	19 4	0 25	24 26	14 12	1 36	1 53	4 6		n.a.
W16	23 38	27 5	4 47	23 21	0 12	17 54	0 26	14 57	0 19	6 36	1 6	20 22	2 26	21 19	0 15	19 5	0 25	24 25	14 11	1 41	1 55	4 2		n.a.
T 17	23 43	28 51	4 59	23 5	0 20	18 16	0 23	15 9	0 20	6 33	1 6	20 21	2 25	21 19	0 16	19 5	0 25	24 24	14 11	1 46	1 56	3 59		n.a.
F 18	23 48	28 55	4 55	22 48	0 28	18 38	0 20	15 22	0 21	6 31	1 6	20 19	2 25	21 20	0 16	19 6	0 25	24 23	14 10	1 51	1 57	3 55		n.a.
S 19	23 51	27 10	4 34	22 31	0 36	19 0	0 17	15 35	0 21	6 28	1 6	20 17	2 25	21 21	0 16	19 6	0 25	24 23	14 10	1 55	1 59	3 52		n.a.
S 20	23 55	23 43	3 56	22 13	0 45	19 21	0 14	15 48	0 22	6 25	1 5	20 16	2 25	21 22	0 16	19 7	0 25	24 22	14 9	1 59	2 0	3 48		n.a.
M21	23 58	18 52	3 3	21 54	0 53	19 42	0 11	16 0	0 23	6 22	1 5	20 14	2 25	21 22	0 16	19 7	0 25	24 21	14 9	2 1	2 1	3 45		n.a.
T 22	24 1	12 58	1 59	21 35	1 2	20 2	0 8	16 13	0 23	6 19	1 5	20 12	2 25	21 23	0 16	19 8	0 25	24 20	14 8	2 3	2 2	3 41		n.a.
W23	24 3	6 25	0 47	21 15	1 10	20 22	0 6	16 25	0 24	6 17	1 4	20 11	2 25	21 24	0 16	19 8	0 25	24 19	14 8	2 3	2 4	3 38		n.a.
T 24	24 4	0s26	0s27	20 55	1 19	20 41	0 3	16 37	0 25	6 14	1 4	20 9	2 24	21 25	0 16	19 9	0 25	24 18	14 7	2 3	2 5	3 34		n.a.
F 25	24 6	7 15	1 39	20 35	1 27	21 0	0n 0	16 49	0 26	6 11	1 4	20 7	2 24	21 25	0 16	19 9	0 25	24 17	14 7	2 3	2 6	3 31		n.a.
S 26	24 6	13 41	2 46	20 15	1 36	21 18	0 3	17 1	0 26	6 7	1 3	20 5	2 24	21 26	0 16	19 10	0 25	24 16	14 6	2 4	2 8	3 27		n.a.
S 27	24 7	19 23	3 41	19 54	1 45	21 35	0 6	17 13	0 27	6 4	1 3	20 4	2 24	21 27	0 16	19 10	0 25	24 15	14 6	2 6	2 9	3 24		n.a.
M28	24 7	24 2	4 24	19 34	1 53	21 52	0 8	17 25	0 28	6 1	1 3	20 2	2 24	21 28	0 16	19 11	0 25	24 14	14 5	2 9	2 10	3 20		n.a.
T 29	24 6	27 18	4 50	19 14	2 2	22 8	0 11	17 36	0 29	5 58	1 3	20 0	2 24	21 28	0 16	19 11	0 25	24 13	14 5	2 14	2 12	3 17		n.a.
W30	24 5	28 56	5 0	18 54	2 10	22 24	0 14	17 48	0 29	5 55	1 2	19 58	2 24	21 29	0 16	19 12	0 25	24 12	14 4	2 18	2 13	3 13		n.a.
T 31	24n 4	28s51	4s54	18n34	2s18	22n38	0n17	17n59	0n30	5n51	1n 2	19n56	2n24	21n30	0n16	19n12	0s25	24n11	14n 4	2s24	2s14	3s10		n.a.

Julian Day Number = 197050.5, Delta T = 32h17m15s
Ecliptic obliquity = 24°07'02, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'36, Lahiri = -61°17'35 Julian Calendar 1 July 4174 BCE == Greg. Calendar 29 May 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

AUGUST 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 27 23	4♋42'26	19♑20	0♌23	9♊53	18♉ 1	18♍ 3	12♌12	2♊30	25♉15	1♍44	23°R55	24♓28	22♓44	n.a.	F 1
S 2	18 31 19	5°41'51	2♒ 2	1°11	11° 7	18°37	18°11	12°18	2°33	25°17	1°45	23♓45	24°25	22°51	n.a.	S 2
S 3	18 35 16	6°41'18	14°26	1°55	12°22	19°14	18°19	12°24	2°36	25°18	1°47	23°36	24°22	22°57	n.a.	S 3
M 4	18 39 12	7°40'48	26°36	2°35	13°36	19°50	18°28	12°30	2°40	25°20	1°48	23°31	24°19	23° 4	n.a.	M 4
T 5	18 43 9	8°40'20	8♓33	3°10	14°50	20°26	18°36	12°36	2°43	25°22	1°50	23°28	24°15	23°11	n.a.	T 5
W 6	18 47 5	9°39'54	20°23	3°41	16° 5	21° 3	18°44	12°42	2°46	25°24	1°52	23°D27	24°12	23°17	n.a.	W 6
T 7	18 51 2	10°39'31	2♈11	4° 7	17°19	21°39	18°53	12°48	2°49	25°25	1°53	23°27	24° 9	23°24	n.a.	T 7
F 8	18 54 58	11°39'10	14° 1	4°27	18°34	22°15	19° 2	12°54	2°52	25°27	1°55	23°R27	24° 6	23°31	n.a.	F 8
S 9	18 58 55	12°38'52	25°59	4°40	19°48	22°51	19°11	13° 1	2°55	25°29	1°57	23°26	24° 3	23°37	n.a.	S 9
S 10	19 2 52	13°38'37	8♉11	4°R47	21° 3	23°27	19°20	13° 7	2°59	25°30	1°58	23°23	24° 0	23°44	n.a.	S 10
M11	19 6 48	14°38'24	20°41	4°47	22°18	24° 3	19°29	13°13	3° 2	25°32	2° 0	23°18	23°56	23°50	n.a.	M11
T 12	19 10 45	15°38'14	3♊33	4°39	23°33	24°39	19°38	13°20	3° 5	25°34	2° 2	23°10	23°53	23°57	n.a.	T 12
W13	19 14 41	16°38'06	16°49	4°23	24°47	25°15	19°48	13°26	3° 8	25°35	2° 4	23° 1	23°50	24° 4	n.a.	W13
T 14	19 18 38	17°38'00	0♋28	3°58	26° 2	25°51	19°57	13°33	3°11	25°37	2° 6	22°50	23°47	24°10	n.a.	T 14
F 15	19 22 34	18°37'57	14°29	3°25	27°17	26°27	20° 7	13°39	3°13	25°38	2° 8	22°39	23°44	24°17	n.a.	F 15
S 16	19 26 31	19°37'56	28°47	2°44	28°32	27° 3	20°17	13°46	3°16	25°40	2°10	22°29	23°41	24°24	n.a.	S 16
S 17	19 30 27	20°37'57	13♌15	1°54	29°47	27°39	20°27	13°52	3°19	25°41	2°11	22°21	23°37	24°30	n.a.	S 17
M18	19 34 24	21°38'01	27°47	0°57	1♋ 2	28°15	20°37	13°59	3°22	25°43	2°13	22°16	23°34	24°37	n.a.	M18
T 19	19 38 20	22°38'06	12♍18	29♋52	2°17	28°50	20°47	14° 5	3°25	25°44	2°15	22°14	23°31	24°44	n.a.	T 19
W20	19 42 17	23°38'12	26°42	28°42	3°32	29°26	20°57	14°12	3°28	25°45	2°17	22°D14	23°28	24°50	n.a.	W20
T 21	19 46 13	24°38'21	10♎57	27°28	4°47	0♊ 1	21° 7	14°19	3°30	25°47	2°19	22°14	23°25	24°57	n.a.	T 21
F 22	19 50 10	25°38'32	25° 1	26°13	6° 2	0°37	21°18	14°25	3°33	25°48	2°21	22°R15	23°21	25° 4	n.a.	F 22
S 23	19 54 6	26°38'44	8♏54	24°57	7°18	1°12	21°28	14°32	3°36	25°49	2°23	22°14	23°18	25°10	n.a.	S 23
S 24	19 58 3	27°38'58	22°34	23°44	8°33	1°48	21°39	14°39	3°38	25°51	2°25	22°11	23°15	25°17	n.a.	S 24
M25	20 2 0	28°39'14	6♐ 3	22°36	9°48	2°23	21°49	14°45	3°41	25°52	2°28	22° 6	23°12	25°24	n.a.	M25
T 26	20 5 56	29°39'32	19°21	21°35	11° 3	2°58	22° 0	14°52	3°43	25°53	2°30	21°59	23° 9	25°30	n.a.	T 26
W27	20 9 53	0♌39'52	2♑26	20°42	12°19	3°34	22°11	14°59	3°46	25°54	2°32	21°50	23° 6	25°37	n.a.	W27
T 28	20 13 49	1°40'13	15°19	20° 0	13°34	4° 9	22°22	15° 6	3°48	25°55	2°34	21°41	23° 2	25°43	n.a.	T 28
F 29	20 17 46	2°40'37	27°59	19°28	14°49	4°44	22°33	15°13	3°50	25°57	2°36	21°32	22°59	25°50	n.a.	F 29
S 30	20 21 42	3°41'02	10♒25	19° 8	16° 5	5°19	22°44	15°20	3°53	25°58	2°38	21°24	22°56	25°57	n.a.	S 30
S 31	20 25 39	4♌41'29	22♒39	19°D 0	17♋20	5♊54	22♍56	15♌26	3♊55	25♉59	2♍40	21♓18	22♓53	26♓ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	24n 2	27s 9	4s32	18n16	2s26	22n53	0n19	18n10	0n31	5n48	1n 2	19n55	2n23	21n30	0n16	19n12	0s25	24n10	14n 3	2s29	2s15	3s 6		n.a.
S 2	23 59	24 6	3 57	17 57	2 34	23 6	0 22	18 22	0 32	5 44	1 2	19 53	2 23	21 31	0 16	19 13	0 25	24 9	14 3	2 33	2 17	3 3		n.a.
S 3	23 56	20 0	3 11	17 40	2 42	23 19	0 24	18 33	0 32	5 41	1 1	19 51	2 23	21 32	0 16	19 13	0 25	24 8	14 2	2 37	2 18	2 59		n.a.
M 4	23 53	15 9	2 17	17 24	2 49	23 31	0 27	18 43	0 33	5 37	1 1	19 49	2 23	21 32	0 16	19 14	0 25	24 7	14 2	2 39	2 19	2 56		n.a.
T 5	23 49	9 48	1 18	17 9	2 56	23 43	0 29	18 54	0 34	5 34	1 1	19 47	2 23	21 33	0 16	19 14	0 25	24 6	14 1	2 40	2 21	2 52		n.a.
W 6	23 45	4 10	0 16	16 55	3 3	23 54	0 32	19 5	0 35	5 30	1 0	19 45	2 23	21 34	0 16	19 15	0 25	24 5	14 1	2 40	2 22	2 49		n.a.
T 7	23 40	1n36	0n46	16 43	3 9	24 4	0 34	19 15	0 35	5 26	1 0	19 43	2 23	21 34	0 16	19 15	0 25	24 4	14 1	2 40	2 23	2 45		n.a.
F 8	23 35	7 19	1 47	16 33	3 14	24 13	0 37	19 26	0 36	5 22	1 0	19 41	2 23	21 35	0 16	19 16	0 25	24 3	14 0	2 40	2 24	2 42		n.a.
S 9	23 30	12 51	2 44	16 25	3 19	24 22	0 39	19 36	0 37	5 19	1 0	19 39	2 23	21 36	0 16	19 16	0 25	24 2	14 0	2 41	2 26	2 38		n.a.
S 10	23 24	18 0	3 34	16 20	3 23	24 30	0 41	19 46	0 38	5 15	0 59	19 38	2 23	21 36	0 16	19 16	0 25	24 1	13 59	2 42	2 27	2 35		n.a.
M11	23 17	22 32	4 16	16 17	3 26	24 37	0 44	19 56	0 38	5 11	0 59	19 36	2 23	21 37	0 16	19 17	0 25	24 0	13 59	2 44	2 28	2 31		n.a.
T 12	23 10	26 7	4 46	16 17	3 28	24 43	0 46	20 6	0 39	5 7	0 59	19 34	2 22	21 38	0 16	19 17	0 25	23 59	13 58	2 47	2 30	2 28		n.a.
W13	23 3	28 26	5 1	16 21	3 28	24 49	0 48	20 16	0 40	5 3	0 59	19 32	2 22	21 38	0 16	19 18	0 25	23 57	13 58	2 51	2 31	2 24		n.a.
T 14	22 55	29 7	5 0	16 27	3 27	24 54	0 50	20 25	0 41	4 59	0 58	19 30	2 22	21 39	0 16	19 18	0 25	23 56	13 58	2 55	2 32	2 21		n.a.
F 15	22 47	27 58	4 42	16 38	3 25	24 58	0 52	20 35	0 42	4 55	0 58	19 28	2 22	21 39	0 16	19 18	0 25	23 55	13 57	3 0	2 34	2 17		n.a.
S 16	22 38	24 58	4 5	16 51	3 20	25 1	0 54	20 44	0 42	4 50	0 58	19 26	2 22	21 40	0 16	19 19	0 25	23 54	13 57	3 4	2 35	2 14		n.a.
S 17	22 29	20 23	3 12	17 9	3 14	25 3	0 56	20 54	0 43	4 46	0 58	19 24	2 22	21 41	0 16	19 19	0 25	23 53	13 56	3 7	2 36	2 10		n.a.
M18	22 19	14 33	2 7	17 30	3 6	25 5	0 58	21 3	0 44	4 42	0 57	19 22	2 22	21 41	0 16	19 19	0 25	23 52	13 56	3 9	2 37	2 7		n.a.
T 19	22 9	7 57	0 53	17 54	2 55	25 6	1 0	21 12	0 45	4 38	0 57	19 19	2 22	21 42	0 16	19 20	0 25	23 51	13 56	3 10	2 39	2 3		n.a.
W20	21 59	0 59	0s24	18 21	2 43	25 6	1 2	21 20	0 46	4 33	0 57	19 17	2 22	21 42	0 16	19 20	0 25	23 50	13 55	3 10	2 40	2 0		n.a.
T 21	21 48	5s57	1 39	18 50	2 28	25 5	1 4	21 29	0 46	4 29	0 57	19 15	2 22	21 43	0 16	19 20	0 25	23 49	13 55	3 10	2 41	1 56		n.a.
F 22	21 37	12 31	2 46	19 21	2 12	25 4	1 5	21 38	0 47	4 24	0 56	19 13	2 22	21 43	0 16	19 21	0 25	23 48	13 55	3 10	2 43	1 53		n.a.
S 23	21 25	18 23	3 43	19 52	1 54	25 2	1 7	21 46	0 48	4 20	0 56	19 11	2 22	21 44	0 16	19 21	0 25	23 47	13 54	3 10	2 44	1 49		n.a.
S 24	21 13	23 13	4 27	20 24	1 36	24 58	1 9	21 54	0 49	4 15	0 56	19 9	2 22	21 44	0 16	19 21	0 25	23 45	13 54	3 11	2 45	1 46		n.a.
M25	21 1	26 45	4 54	20 55	1 16	24 55	1 10	22 2	0 50	4 11	0 56	19 7	2 22	21 45	0 16	19 22	0 25	23 44	13 54	3 13	2 46	1 42		n.a.
T 26	20 48	28 45	5 6	21 25	0 56	24 50	1 12	22 10	0 51	4 6	0 56	19 5	2 22	21 45	0 16	19 22	0 25	23 43	13 53	3 16	2 48	1 39		n.a.
W27	20 34	29 7	5 1	21 53	0 36	24 44	1 13	22 18	0 52	4 2	0 55	19 3	2 22	21 46	0 16	19 22	0 25	23 42	13 53	3 20	2 49	1 35		n.a.
T 28	20 21	27 51	4 41	22 19	0 16	24 38	1 14	22 26	0 52	3 57	0 55	19 1	2 22	21 46	0 16	19 22	0 25	23 41	13 53	3 23	2 50	1 32		n.a.
F 29	20 7	25 11	4 7	22 42	0n 3	24 31	1 16	22 33	0 53	3 52	0 55	18 59	2 22	21 47	0 16	19 23	0 25	23 40	13 52	3 27	2 52	1 28		n.a.
S 30	19 52	21 21	3 22	23 3	0 20	24 23	1 17	22 41	0 54	3 48	0 55	18 56	2 22	21 47	0 16	19 23	0 25	23 39	13 52	3 30	2 53	1 24		n.a.
S 31	19n38	16s40	2s28	23n20	0n37	24n15	1n18	22n48	0n55	3n43	0n55	18n54	2n22	21n48	0n16	19n23	0s25	23n38	13n52	3s33	2s54	1s21		n.a.

Julian Day Number = 197081.5, Delta T = 32h17m12s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'31, Lahiri = -61°17'31 Julian Calendar 1 Aug. 4174 BCE == Greg. Calendar 29 June 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

SEPTEMBER 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 29 35	5♌41'58	4♓42	19♋ 3	18♋36	6♊29	23♍ 7	15♌33	3♊57	26♉ 0	2♍43	21°R14	22♓50	26♓10	n.a.	M 1
T 2	20 33 32	6°42'29	16°37	19°17	19°51	7° 4	23°18	15°40	3°59	26° 1	2°45	21°D12	22°46	26°17	n.a.	T 2
W 3	20 37 28	7°43'03	28°25	19°41	21° 7	7°39	23°30	15°47	4° 2	26° 2	2°47	21♓12	22°43	26°23	n.a.	W 3
T 4	20 41 25	8°43'38	10♈11	20°15	22°22	8°13	23°41	15°54	4° 4	26° 3	2°49	21°14	22°40	26°30	n.a.	T 4
F 5	20 45 21	9°44'15	22° 0	20°57	23°38	8°48	23°53	16° 1	4° 6	26° 4	2°52	21°15	22°37	26°37	n.a.	F 5
S 6	20 49 18	10°44'55	3♉57	21°47	24°53	9°23	24° 5	16° 8	4° 8	26° 4	2°54	21°17	22°34	26°43	n.a.	S 6
S 7	20 53 15	11°45'36	16° 7	22°43	26° 9	9°57	24°17	16°15	4°10	26° 5	2°56	21°R17	22°31	26°50	n.a.	S 7
M 8	20 57 11	12°46'20	28°34	23°46	27°24	10°32	24°29	16°22	4°12	26° 6	2°58	21°15	22°27	26°57	n.a.	M 8
T 9	21 1 8	13°47'05	11♊24	24°54	28°40	11° 6	24°41	16°29	4°14	26° 7	3° 1	21°12	22°24	27° 3	n.a.	T 9
W10	21 5 4	14°47'53	24°40	26° 6	29°56	11°41	24°53	16°35	4°15	26° 8	3° 3	21° 8	22°21	27°10	n.a.	W10
T 11	21 9 1	15°48'42	8♋22	27°22	1♌11	12°15	25° 5	16°42	4°17	26° 8	3° 5	21° 2	22°18	27°17	n.a.	T 11
F 12	21 12 57	16°49'33	22°31	28°42	2°27	12°49	25°17	16°49	4°19	26° 9	3° 8	20°57	22°15	27°23	n.a.	F 12
S 13	21 16 54	17°50'26	7♌ 3	0♌ 4	3°43	13°23	25°29	16°56	4°21	26°10	3°10	20°51	22°12	27°30	n.a.	S 13
S 14	21 20 50	18°51'21	21°51	1°29	4°59	13°57	25°42	17° 3	4°22	26°10	3°12	20°47	22° 8	27°36	n.a.	S 14
M15	21 24 47	19°52'17	6♍48	2°55	6°14	14°31	25°54	17°10	4°24	26°11	3°15	20°45	22° 5	27°43	n.a.	M15
T 16	21 28 43	20°53'14	21°44	4°24	7°30	15° 5	26° 7	17°17	4°25	26°11	3°17	20°D44	22° 2	27°50	n.a.	T 16
W17	21 32 40	21°54'12	6♎33	5°53	8°46	15°39	26°19	17°24	4°27	26°12	3°20	20°45	21°59	27°56	n.a.	W17
T 18	21 36 37	22°55'12	21° 8	7°24	10° 2	16°13	26°32	17°31	4°28	26°12	3°22	20°47	21°56	28° 3	n.a.	T 18
F 19	21 40 33	23°56'13	5♏25	8°55	11°17	16°47	26°44	17°38	4°29	26°13	3°24	20°48	21°52	28°10	n.a.	F 19
S 20	21 44 30	24°57'15	19°23	10°28	12°33	17°20	26°57	17°45	4°31	26°13	3°27	20°R49	21°49	28°16	n.a.	S 20
S 21	21 48 26	25°58'18	3♐ 1	12° 0	13°49	17°54	27°10	17°52	4°32	26°14	3°29	20°49	21°46	28°23	n.a.	S 21
M22	21 52 23	26°59'22	16°20	13°34	15° 5	18°27	27°23	17°59	4°33	26°14	3°31	20°48	21°43	28°30	n.a.	M22
T 23	21 56 19	28° 0'27	29°22	15° 7	16°20	19° 1	27°36	18° 6	4°34	26°14	3°34	20°45	21°40	28°36	n.a.	T 23
W24	22 0 16	29° 1'34	12♑ 8	16°41	17°36	19°34	27°49	18°12	4°35	26°14	3°36	20°42	21°37	28°43	n.a.	W24
T 25	22 4 12	0♒ 2'41	24°41	18°15	18°52	20° 7	28° 2	18°19	4°36	26°15	3°39	20°39	21°33	28°50	n.a.	T 25
F 26	22 8 9	1° 3'49	7♒ 3	19°49	20° 8	20°40	28°15	18°26	4°37	26°15	3°41	20°35	21°30	28°56	n.a.	F 26
S 27	22 12 6	2° 4'58	19°14	21°24	21°24	21°13	28°28	18°33	4°38	26°15	3°44	20°32	21°27	29° 3	n.a.	S 27
S 28	22 16 2	3° 6'07	1♓16	22°58	22°39	21°46	28°41	18°40	4°39	26°15	3°46	20°30	21°24	29°10	n.a.	S 28
M29	22 19 59	4° 7'18	13°11	24°32	23°55	22°19	28°54	18°47	4°40	26°15	3°48	20°29	21°21	29°16	n.a.	M29
T 30	22 23 55	5♍ 8'30	25♓ 2	26♌ 7	25♌11	22♊51	29♍ 7	18♌53	4♊41	26♉15	3♍51	20°D29	21♓18	29♓23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n23	11s25	1s28	23n35	0n52	24n 5	1n19	22n55	0n56	3n38	0n54	18n52	2n21	21n48	0n16	19n24	0s25	23n37	13n52	3s34	2s55	1s17		n.a.
T 2	19 7	5 49	0 25	23 46	1 6	23 55	1 20	23 2	0 57	3 33	0 54	18 50	2 21	21 49	0 16	19 24	0 25	23 36	13 51	3 35	2 57	1 14		n.a.
W 3	18 51	0 3	0n39	23 55	1 18	23 44	1 21	23 9	0 58	3 28	0 54	18 48	2 21	21 49	0 16	19 24	0 25	23 34	13 51	3 35	2 58	1 10		n.a.
T 4	18 35	5n41	1 41	24 0	1 29	23 33	1 22	23 16	0 59	3 23	0 54	18 46	2 21	21 50	0 16	19 24	0 25	23 33	13 51	3 34	2 59	1 7		n.a.
F 5	18 19	11 16	2 40	24 3	1 38	23 21	1 23	23 22	0 59	3 19	0 53	18 44	2 21	21 50	0 17	19 24	0 25	23 32	13 51	3 34	3 1	1 3		n.a.
S 6	18 2	16 30	3 31	24 2	1 46	23 7	1 24	23 29	1 0	3 14	0 53	18 42	2 21	21 51	0 17	19 25	0 25	23 31	13 50	3 33	3 2	1 0		n.a.
S 7	17 45	21 11	4 15	23 59	1 52	22 54	1 24	23 35	1 1	3 9	0 53	18 39	2 21	21 51	0 17	19 25	0 25	23 30	13 50	3 33	3 3	0 56		n.a.
M 8	17 27	25 4	4 48	23 53	1 58	22 39	1 25	23 41	1 2	3 4	0 53	18 37	2 21	21 51	0 17	19 25	0 25	23 29	13 50	3 34	3 4	0 53		n.a.
T 9	17 9	27 51	5 7	23 45	2 2	22 24	1 25	23 47	1 3	2 58	0 53	18 35	2 21	21 52	0 17	19 25	0 25	23 28	13 50	3 35	3 6	0 49		n.a.
W10	16 51	29 11	5 11	23 34	2 5	22 8	1 26	23 53	1 4	2 53	0 52	18 33	2 21	21 52	0 17	19 25	0 25	23 27	13 49	3 37	3 7	0 46		n.a.
T 11	16 33	28 47	4 57	23 21	2 7	21 52	1 26	23 58	1 5	2 48	0 52	18 31	2 21	21 52	0 17	19 26	0 25	23 26	13 49	3 39	3 8	0 42		n.a.
F 12	16 14	26 32	4 26	23 6	2 8	21 34	1 27	24 4	1 6	2 43	0 52	18 29	2 21	21 53	0 17	19 26	0 25	23 25	13 49	3 41	3 10	0 39		n.a.
S 13	15 55	22 31	3 36	22 48	2 9	21 17	1 27	24 9	1 7	2 38	0 52	18 26	2 22	21 53	0 17	19 26	0 25	23 24	13 49	3 43	3 11	0 35		n.a.
S 14	15 36	17 0	2 32	22 29	2 9	20 58	1 27	24 15	1 8	2 33	0 52	18 24	2 22	21 53	0 17	19 26	0 25	23 23	13 49	3 45	3 12	0 32		n.a.
M15	15 16	10 26	1 16	22 8	2 8	20 39	1 27	24 20	1 9	2 28	0 52	18 22	2 22	21 54	0 17	19 26	0 25	23 21	13 48	3 46	3 13	0 28		n.a.
T 16	14 56	3 17	0s 5	21 45	2 6	20 19	1 27	24 25	1 10	2 22	0 51	18 20	2 22	21 54	0 17	19 26	0 25	23 20	13 48	3 46	3 15	0 25		n.a.
W17	14 36	3s59	1 26	21 20	2 4	19 59	1 27	24 30	1 11	2 17	0 51	18 18	2 22	21 54	0 17	19 26	0 25	23 19	13 48	3 46	3 16	0 21		n.a.
T 18	14 16	10 55	2 39	20 54	2 2	19 38	1 27	24 34	1 12	2 12	0 51	18 16	2 22	21 55	0 17	19 27	0 25	23 18	13 48	3 45	3 17	0 18		n.a.
F 19	13 55	17 10	3 41	20 26	1 59	19 16	1 27	24 39	1 13	2 6	0 51	18 13	2 22	21 55	0 17	19 27	0 25	23 17	13 48	3 45	3 19	0 14		n.a.
S 20	13 34	22 22	4 29	19 57	1 55	18 54	1 27	24 43	1 14	2 1	0 51	18 11	2 22	21 55	0 17	19 27	0 25	23 16	13 48	3 44	3 20	0 11		n.a.
S 21	13 13	26 15	5 0	19 27	1 51	18 32	1 27	24 47	1 15	1 56	0 51	18 9	2 22	21 56	0 17	19 27	0 25	23 15	13 48	3 44	3 21	0 7		n.a.
M22	12 52	28 35	5 14	18 56	1 47	18 9	1 26	24 51	1 16	1 50	0 50	18 7	2 22	21 56	0 17	19 27	0 25	23 14	13 47	3 45	3 23	0 4		n.a.
T 23	12 30	29 18	5 11	18 23	1 43	17 45	1 26	24 55	1 17	1 45	0 50	18 5	2 22	21 56	0 17	19 27	0 25	23 13	13 47	3 46	3 24	0 0		n.a.
W24	12 8	28 24	4 53	17 50	1 38	17 21	1 26	24 59	1 18	1 39	0 50	18 3	2 22	21 56	0 17	19 27	0 25	23 12	13 47	3 47	3 25	0n 3		n.a.
T 25	11 46	26 4	4 21	17 15	1 33	16 56	1 25	25 3	1 19	1 34	0 50	18 1	2 22	21 56	0 17	19 27	0 25	23 11	13 47	3 49	3 26	0 7		n.a.
F 26	11 24	22 32	3 37	16 40	1 28	16 31	1 25	25 6	1 20	1 28	0 50	17 58	2 22	21 57	0 17	19 27	0 25	23 10	13 47	3 50	3 28	0 10		n.a.
S 27	11 2	18 4	2 44	16 4	1 22	16 5	1 24	25 10	1 21	1 23	0 50	17 56	2 22	21 57	0 17	19 27	0 25	23 9	13 47	3 51	3 29	0 14		n.a.
S 28	10 39	12 57	1 44	15 27	1 17	15 39	1 23	25 13	1 22	1 17	0 49	17 54	2 22	21 57	0 17	19 27	0 25	23 8	13 47	3 52	3 30	0 18		n.a.
M29	10 16	7 24	0 40	14 50	1 11	15 13	1 22	25 16	1 23	1 12	0 49	17 52	2 22	21 57	0 17	19 27	0 25	23 7	13 47	3 52	3 32	0 21		n.a.
T 30	9n53	1s39	0n25	14n11	1n 5	14n46	1n22	25n19	1n24	1n 6	0n49	17n50	2n22	21n57	0n17	19n27	0s25	23n 6	13n47	3s52	3s33	0n25		n.a.

Julian Day Number = 197112.5, Delta T = 32h17m09s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'27, Lahiri = -61°17'27 Julian Calendar 1 Sept. 4174 BCE == Greg. Calendar 30 July 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

OCTOBER 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 27 52	6♍ 9'43	6♈49	27♌41	26♌27	23♊24	29♍20	19♌ 0	4♊41	26°R15	3♍53	20♓30	21♓14	29♓29	n.a.	W 1
T 2	22 31 48	7°10'57	18°36	29°15	27°43	23°56	29°34	19° 7	4°42	26♉15	3°56	20°31	21°11	29°36	n.a.	T 2
F 3	22 35 45	8°12'12	0♉26	0♍50	28°58	24°29	29°47	19°13	4°43	26°15	3°58	20°32	21° 8	29°43	n.a.	F 3
S 4	22 39 41	9°13'28	12°24	2°24	0♍14	25° 1	0♎ 1	19°20	4°43	26°15	4° 0	20°34	21° 5	29°49	n.a.	S 4
S 5	22 43 38	10°14'46	24°32	3°58	1°30	25°33	0°14	19°27	4°44	26°15	4° 3	20°35	21° 2	29°56	n.a.	S 5
M 6	22 47 35	11°16'04	6♊56	5°33	2°46	26° 5	0°27	19°33	4°44	26°15	4° 5	20°R35	20°58	0♈ 3	n.a.	M 6
T 7	22 51 31	12°17'23	19°40	7° 7	4° 2	26°37	0°41	19°40	4°44	26°15	4° 8	20°35	20°55	0° 9	n.a.	T 7
W 8	22 55 28	13°18'44	2♋48	8°41	5°17	27° 9	0°54	19°47	4°45	26°15	4°10	20°34	20°52	0°16	n.a.	W 8
T 9	22 59 24	14°20'05	16°22	10°16	6°33	27°41	1° 8	19°53	4°45	26°14	4°12	20°34	20°49	0°23	n.a.	T 9
F 10	23 3 21	15°21'27	0♌24	11°50	7°49	28°13	1°22	20° 0	4°45	26°14	4°15	20°33	20°46	0°29	n.a.	F 10
S 11	23 7 17	16°22'50	14°52	13°24	9° 5	28°44	1°35	20° 6	4°45	26°14	4°17	20°33	20°43	0°36	n.a.	S 11
S 12	23 11 14	17°24'13	29°43	14°59	10°20	29°15	1°49	20°13	4°45	26°13	4°20	20°32	20°39	0°43	n.a.	S 12
M13	23 15 11	18°25'37	14♍49	16°34	11°36	29°47	2° 3	20°19	4°R45	26°13	4°22	20°D32	20°36	0°49	n.a.	M13
T 14	23 19 7	19°27'02	0♎ 2	18° 8	12°52	0♋18	2°16	20°25	4°45	26°13	4°24	20°32	20°33	0°56	n.a.	T 14
W15	23 23 4	20°28'26	15°11	19°43	14° 8	0°49	2°30	20°32	4°45	26°12	4°27	20°R32	20°30	1° 3	n.a.	W15
T 16	23 27 0	21°29'51	0♏ 8	21°18	15°23	1°20	2°44	20°38	4°45	26°12	4°29	20°32	20°27	1° 9	n.a.	T 16
F 17	23 30 57	22°31'16	14°46	22°53	16°39	1°50	2°58	20°44	4°45	26°11	4°31	20°32	20°23	1°16	n.a.	F 17
S 18	23 34 53	23°32'42	28°59	24°28	17°55	2°21	3°11	20°51	4°45	26°11	4°34	20°32	20°20	1°22	n.a.	S 18
S 19	23 38 50	24°34'07	12♐46	26° 3	19°11	2°51	3°25	20°57	4°44	26°10	4°36	20°31	20°17	1°29	n.a.	S 19
M20	23 42 47	25°35'32	26° 8	27°39	20°26	3°21	3°39	21° 3	4°44	26° 9	4°38	20°D31	20°14	1°36	n.a.	M20
T 21	23 46 43	26°36'56	9♑ 6	29°14	21°42	3°52	3°53	21° 9	4°44	26° 9	4°41	20°31	20°11	1°42	n.a.	T 21
W22	23 50 40	27°38'21	21°44	0♒50	22°58	4°21	4° 7	21°15	4°43	26° 8	4°43	20°32	20° 8	1°49	n.a.	W22
T 23	23 54 36	28°39'45	4♒ 6	2°26	24°13	4°51	4°21	21°21	4°42	26° 7	4°45	20°33	20° 4	1°56	n.a.	T 23
F 24	23 58 33	29°41'09	16°14	4° 3	25°29	5°21	4°34	21°27	4°42	26° 7	4°47	20°34	20° 1	2° 2	n.a.	F 24
S 25	0 2 29	0♒42'33	28°13	5°39	26°44	5°50	4°48	21°33	4°41	26° 6	4°50	20°35	19°58	2° 9	n.a.	S 25
S 26	0 6 26	1°43'57	10♓ 6	7°16	28° 0	6°20	5° 2	21°39	4°41	26° 5	4°52	20°35	19°55	2°16	n.a.	S 26
M27	0 10 23	2°45'20	21°55	8°53	29°15	6°49	5°16	21°45	4°40	26° 4	4°54	20°R36	19°52	2°22	n.a.	M27
T 28	0 14 19	3°46'43	3♈43	10°30	0♎31	7°18	5°30	21°50	4°39	26° 3	4°56	20°35	19°49	2°29	n.a.	T 28
W29	0 18 16	4°48'05	15°32	12° 8	1°47	7°47	5°44	21°56	4°38	26° 2	4°58	20°34	19°45	2°36	n.a.	W29
T 30	0 22 12	5°49'28	27°23	13°46	3° 2	8°15	5°58	22° 2	4°37	26° 1	5° 1	20°32	19°42	2°42	n.a.	T 30
F 31	0 26 9	6♎50'50	9♉20	15♎23	4♎18	8♋44	6♎12	22♌ 7	4♊36	26♉ 1	5♍ 3	20♓29	19♓39	2♈49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9n30	4n 8	1n29	13n33	0n59	14n19	1n21	25n22	1n25	1n 1	0n49	17n48	2n22	21n58	0n17	19n27	0s25	23n 5	13n47	3s52	3s34	0n28		n.a.
T 2	9 7	9 47	2 30	12 53	0 53	13 51	1 20	25 25	1 26	0 55	0 49	17 46	2 23	21 58	0 17	19 27	0 25	23 4	13 47	3 52	3 35	0 32		n.a.
F 3	8 44	15 7	3 24	12 13	0 47	13 23	1 19	25 27	1 27	0 50	0 49	17 44	2 23	21 58	0 17	19 27	0 25	23 3	13 47	3 51	3 37	0 35		n.a.
S 4	8 20	19 56	4 10	11 33	0 41	12 55	1 18	25 30	1 29	0 44	0 48	17 42	2 23	21 58	0 17	19 27	0 25	23 2	13 47	3 51	3 38	0 39		n.a.
S 5	7 56	24 2	4 45	10 52	0 35	12 26	1 17	25 32	1 30	0 38	0 48	17 39	2 23	21 58	0 17	19 27	0 25	23 1	13 47	3 50	3 39	0 42		n.a.
M 6	7 32	27 9	5 9	10 11	0 28	11 57	1 16	25 34	1 31	0 33	0 48	17 37	2 23	21 58	0 17	19 27	0 25	23 0	13 47	3 50	3 41	0 46		n.a.
T 7	7 8	28 59	5 17	9 29	0 22	11 27	1 14	25 36	1 32	0 27	0 48	17 35	2 23	21 58	0 17	19 27	0 25	22 59	13 47	3 50	3 42	0 49		n.a.
W 8	6 44	29 16	5 10	8 47	0 16	10 58	1 13	25 38	1 33	0 22	0 48	17 33	2 23	21 58	0 17	19 27	0 25	22 58	13 47	3 50	3 43	0 53		n.a.
T 9	6 20	27 49	4 46	8 4	0 9	10 28	1 12	25 40	1 34	0 16	0 48	17 31	2 23	21 58	0 17	19 27	0 25	22 57	13 47	3 50	3 44	0 56		n.a.
F 10	5 56	24 36	4 4	7 22	0 3	9 57	1 10	25 42	1 35	0 10	0 48	17 29	2 23	21 59	0 17	19 27	0 25	22 56	13 47	3 51	3 46	1 0		n.a.
S 11	5 31	19 47	3 6	6 39	0s 3	9 27	1 9	25 43	1 37	0 4	0 48	17 27	2 23	21 59	0 17	19 27	0 25	22 56	13 47	3 51	3 47	1 3		n.a.
S 12	5 7	13 39	1 53	5 56	0 10	8 56	1 7	25 45	1 38	0s 1	0 47	17 25	2 24	21 59	0 18	19 27	0 25	22 55	13 47	3 51	3 48	1 7		n.a.
M13	4 42	6 38	0 32	5 12	0 16	8 25	1 6	25 46	1 39	0 7	0 47	17 23	2 24	21 59	0 18	19 27	0 25	22 54	13 47	3 51	3 50	1 10		n.a.
T 14	4 17	0s49	0s53	4 29	0 22	7 54	1 4	25 47	1 40	0 13	0 47	17 21	2 24	21 59	0 18	19 27	0 25	22 53	13 47	3 51	3 51	1 14		n.a.
W15	3 53	8 11	2 13	3 45	0 29	7 22	1 3	25 48	1 41	0 18	0 47	17 19	2 24	21 59	0 18	19 27	0 25	22 52	13 47	3 51	3 52	1 17		n.a.
T 16	3 28	14 59	3 23	3 1	0 35	6 51	1 1	25 49	1 43	0 24	0 47	17 17	2 24	21 59	0 18	19 26	0 25	22 51	13 47	3 51	3 53	1 21		n.a.
F 17	3 3	20 49	4 18	2 17	0 41	6 19	0 59	25 50	1 44	0 30	0 47	17 15	2 24	21 59	0 18	19 26	0 25	22 50	13 47	3 51	3 55	1 24		n.a.
S 18	2 38	25 18	4 56	1 33	0 47	5 47	0 58	25 51	1 45	0 36	0 47	17 13	2 24	21 59	0 18	19 26	0 25	22 50	13 47	3 51	3 56	1 28		n.a.
S 19	2 13	28 10	5 15	0 49	0 53	5 15	0 56	25 52	1 46	0 41	0 47	17 11	2 24	21 59	0 18	19 26	0 25	22 49	13 47	3 51	3 57	1 31		n.a.
M20	1 48	29 20	5 16	0 5	0 58	4 43	0 54	25 52	1 48	0 47	0 46	17 10	2 25	21 59	0 18	19 26	0 25	22 48	13 47	3 51	3 58	1 35		n.a.
T 21	1 23	28 48	5 1	0s40	1 4	4 11	0 52	25 53	1 49	0 53	0 46	17 8	2 25	21 58	0 18	19 26	0 25	22 47	13 47	3 51	4 0	1 38		n.a.
W22	0 58	26 47	4 32	1 24	1 9	3 38	0 50	25 53	1 50	0 59	0 46	17 6	2 25	21 58	0 18	19 26	0 25	22 46	13 47	3 51	4 1	1 42		n.a.
T 23	0 33	23 30	3 51	2 8	1 15	3 6	0 48	25 53	1 52	1 4	0 46	17 4	2 25	21 58	0 18	19 25	0 25	22 46	13 48	3 51	4 2	1 45		n.a.
F 24	0 8	19 16	2 59	2 52	1 20	2 33	0 46	25 53	1 53	1 10	0 46	17 2	2 25	21 58	0 18	19 25	0 25	22 45	13 48	3 51	4 4	1 49		n.a.
S 25	0s17	14 19	2 1	3 36	1 25	2 0	0 44	25 53	1 54	1 16	0 46	17 0	2 25	21 58	0 18	19 25	0 25	22 44	13 48	3 50	4 5	1 52		n.a.
S 26	0 42	8 53	0 58	4 19	1 29	1 28	0 42	25 53	1 56	1 22	0 46	16 58	2 25	21 58	0 18	19 25	0 25	22 43	13 48	3 50	4 6	1 56		n.a.
M27	1 8	3 11	0n 7	5 3	1 34	0 55	0 40	25 53	1 57	1 27	0 46	16 57	2 26	21 58	0 18	19 25	0 25	22 43	13 48	3 50	4 7	1 59		n.a.
T 28	1 33	2n37	1 12	5 46	1 38	0 22	0 38	25 53	1 58	1 33	0 46	16 55	2 26	21 58	0 18	19 24	0 25	22 42	13 48	3 50	4 9	2 3		n.a.
W29	1 58	8 20	2 14	6 29	1 42	0s11	0 36	25 53	2 0	1 39	0 45	16 53	2 26	21 58	0 18	19 24	0 25	22 41	13 48	3 50	4 10	2 6		n.a.
T 30	2 23	13 46	3 10	7 12	1 46	0 44	0 34	25 52	2 1	1 45	0 45	16 51	2 26	21 58	0 18	19 24	0 25	22 40	13 49	3 51	4 11	2 10		n.a.
F 31	2s48	18n45	3n58	7s54	1s49	1s16	0n32	25n52	2n 3	1s50	0n45	16n50	2n26	21n57	0n18	19n24	0s25	22n40	13n49	3s52	4s13	2n13		n.a.

Julian Day Number = 197142.5, Delta T = 32h17m05s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'23, Lahiri = -61°17'23 Julian Calendar 1 Oct. 4174 BCE == Greg. Calendar 29 Aug. 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

NOVEMBER 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 30 5	7♎52'12	21♉23	17♎ 2	5♎33	9♋12	6♎26	22♌13	4°R35	26°R 0	5♍ 5	20°R27	19♓36	2♈56	n.a.	S 1
S 2	0 34 2	8°53'34	3♊37	18°40	6°49	9°40	6°40	22°18	4♊34	25♉59	5° 7	20♓24	19°33	3° 2	n.a.	S 2
M 3	0 37 59	9°54'56	16° 3	20°18	8° 4	10° 8	6°53	22°24	4°33	25°58	5° 9	20°21	19°29	3° 9	n.a.	M 3
T 4	0 41 55	10°56'18	28°45	21°56	9°19	10°36	7° 7	22°29	4°32	25°56	5°11	20°20	19°26	3°16	n.a.	T 4
W 5	0 45 52	11°57'39	11♋46	23°35	10°35	11° 3	7°21	22°34	4°31	25°55	5°13	20°D19	19°23	3°22	n.a.	W 5
T 6	0 49 48	12°59'01	25° 9	25°13	11°50	11°30	7°35	22°40	4°29	25°54	5°15	20°20	19°20	3°29	n.a.	T 6
F 7	0 53 45	14° 0'21	8♌56	26°51	13° 6	11°57	7°49	22°45	4°28	25°53	5°17	20°21	19°17	3°35	n.a.	F 7
S 8	0 57 42	15° 1'42	23° 9	28°28	14°21	12°24	8° 3	22°50	4°27	25°52	5°19	20°23	19°14	3°42	n.a.	S 8
S 9	1 1 38	16° 3'02	7♍46	0♏ 5	15°37	12°51	8°17	22°55	4°25	25°51	5°21	20°24	19°10	3°49	n.a.	S 9
M10	1 5 35	17° 4'21	22°42	1°41	16°52	13°17	8°31	23° 0	4°24	25°50	5°23	20°R24	19° 7	3°55	n.a.	M10
T 11	1 9 31	18° 5'40	7♎51	3°17	18° 7	13°43	8°45	23° 5	4°22	25°48	5°25	20°23	19° 4	4° 2	n.a.	T 11
W12	1 13 28	19° 6'58	23° 5	4°51	19°23	14° 9	8°58	23°10	4°21	25°47	5°27	20°21	19° 1	4° 9	n.a.	W12
T 13	1 17 24	20° 8'15	8♏12	6°23	20°38	14°35	9°12	23°15	4°19	25°46	5°29	20°17	18°58	4°15	n.a.	T 13
F 14	1 21 21	21° 9'31	23° 3	7°54	21°53	15° 0	9°26	23°19	4°17	25°44	5°31	20°12	18°55	4°22	n.a.	F 14
S 15	1 25 18	22°10'46	7♐31	9°23	23° 8	15°26	9°40	23°24	4°16	25°43	5°32	20° 8	18°51	4°29	n.a.	S 15
S 16	1 29 14	23°12'00	21°32	10°48	24°24	15°50	9°53	23°29	4°14	25°42	5°34	20° 3	18°48	4°35	n.a.	S 16
M17	1 33 11	24°13'13	5♑ 3	12°11	25°39	16°15	10° 7	23°33	4°12	25°40	5°36	20° 0	18°45	4°42	n.a.	M17
T 18	1 37 7	25°14'24	18° 7	13°29	26°54	16°39	10°21	23°38	4°10	25°39	5°38	19°58	18°42	4°49	n.a.	T 18
W19	1 41 4	26°15'34	0♒46	14°43	28° 9	17° 4	10°35	23°42	4° 8	25°38	5°40	19°D58	18°39	4°55	n.a.	W19
T 20	1 45 0	27°16'43	13° 5	15°52	29°25	17°27	10°48	23°46	4° 7	25°36	5°41	19°59	18°35	5° 2	n.a.	T 20
F 21	1 48 57	28°17'50	25° 9	16°55	0♏40	17°51	11° 2	23°50	4° 5	25°35	5°43	20° 1	18°32	5° 9	n.a.	F 21
S 22	1 52 54	29°18'55	7♓ 3	17°50	1°55	18°14	11°15	23°54	4° 3	25°33	5°45	20° 3	18°29	5°15	n.a.	S 22
S 23	1 56 50	0♏19'59	18°51	18°38	3°10	18°37	11°29	23°59	4° 1	25°32	5°46	20°R 3	18°26	5°22	n.a.	S 23
M24	2 0 47	1°21'02	0♈37	19°18	4°25	18°59	11°43	24° 3	3°59	25°30	5°48	20° 3	18°23	5°29	n.a.	M24
T 25	2 4 43	2°22'03	12°25	19°48	5°40	19°22	11°56	24° 6	3°57	25°29	5°49	20° 0	18°20	5°35	n.a.	T 25
W26	2 8 40	3°23'03	24°18	20° 8	6°55	19°44	12°10	24°10	3°54	25°27	5°51	19°55	18°16	5°42	n.a.	W26
T 27	2 12 36	4°24'01	6♉17	20°R17	8°10	20° 5	12°23	24°14	3°52	25°26	5°52	19°49	18°13	5°49	n.a.	T 27
F 28	2 16 33	5°24'58	18°23	20°15	9°25	20°27	12°36	24°18	3°50	25°24	5°54	19°40	18°10	5°55	n.a.	F 28
S 29	2 20 30	6°25'54	0♊39	20° 2	10°40	20°48	12°50	24°21	3°48	25°23	5°55	19°31	18° 7	6° 2	n.a.	S 29
S 30	2 24 26	7♏26'48	13♊ 6	19♏37	11♏55	21♋ 8	13♎ 3	24♌25	3♊46	25♉21	5♍57	19♓22	18♓ 4	6♈ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s12	23n 3	4n36	8s36	1s53	1s49	0n29	25n51	2n 4	1s56	0n45	16n48	2n26	21n57	0n18	19n24	0s25	22n39	13n49	3s53	4s14	2n17		n.a.
S 2	3 37	26 24	5 2	9 17	1 55	2 22	0 27	25 50	2 6	2 2	0 45	16 46	2 27	21 57	0 18	19 23	0 25	22 38	13 49	3 55	4 15	2 20		n.a.
M 3	4 2	28 34	5 15	9 58	1 58	2 54	0 25	25 50	2 7	2 8	0 45	16 45	2 27	21 57	0 18	19 23	0 25	22 38	13 49	3 55	4 16	2 24		n.a.
T 4	4 27	29 19	5 12	10 38	2 0	3 27	0 23	25 49	2 8	2 13	0 45	16 43	2 27	21 57	0 18	19 23	0 25	22 37	13 50	3 56	4 18	2 27		n.a.
W 5	4 51	28 27	4 54	11 17	2 1	4 0	0 20	25 48	2 10	2 19	0 45	16 41	2 27	21 56	0 18	19 23	0 25	22 37	13 50	3 56	4 19	2 31		n.a.
T 6	5 16	25 57	4 19	11 55	2 3	4 32	0 18	25 47	2 11	2 25	0 45	16 40	2 27	21 56	0 18	19 22	0 25	22 36	13 50	3 56	4 20	2 34		n.a.
F 7	5 40	21 53	3 29	12 32	2 3	5 4	0 16	25 46	2 13	2 30	0 45	16 38	2 28	21 56	0 18	19 22	0 25	22 35	13 50	3 56	4 22	2 38		n.a.
S 8	6 5	16 27	2 24	13 9	2 3	5 36	0 14	25 45	2 15	2 36	0 44	16 37	2 28	21 56	0 18	19 22	0 25	22 35	13 50	3 55	4 23	2 41		n.a.
S 9	6 29	9 58	1 9	13 44	2 3	6 8	0 11	25 44	2 16	2 42	0 44	16 35	2 28	21 56	0 18	19 21	0 25	22 34	13 51	3 54	4 24	2 45		n.a.
M10	6 53	2 47	0s13	14 17	2 2	6 40	0 9	25 43	2 18	2 48	0 44	16 34	2 28	21 55	0 18	19 21	0 25	22 34	13 51	3 54	4 25	2 48		n.a.
T 11	7 17	4s38	1 34	14 50	2 0	7 12	0 7	25 42	2 19	2 53	0 44	16 32	2 28	21 55	0 18	19 21	0 25	22 33	13 51	3 55	4 27	2 52		n.a.
W12	7 41	11 50	2 50	15 20	1 57	7 44	0 4	25 40	2 21	2 59	0 44	16 31	2 29	21 55	0 18	19 21	0 25	22 33	13 51	3 56	4 28	2 55		n.a.
T 13	8 5	18 17	3 53	15 49	1 54	8 15	0 2	25 39	2 22	3 5	0 44	16 29	2 29	21 54	0 18	19 20	0 25	22 32	13 52	3 57	4 29	2 59		n.a.
F 14	8 29	23 32	4 38	16 16	1 50	8 46	0s 0	25 38	2 24	3 10	0 44	16 28	2 29	21 54	0 18	19 20	0 25	22 32	13 52	3 59	4 31	3 2		n.a.
S 15	8 52	27 11	5 5	16 41	1 45	9 17	0 3	25 36	2 26	3 16	0 44	16 26	2 29	21 54	0 18	19 20	0 25	22 31	13 52	4 1	4 32	3 6		n.a.
S 16	9 16	29 2	5 12	17 3	1 39	9 48	0 5	25 35	2 27	3 21	0 44	16 25	2 29	21 54	0 18	19 19	0 25	22 31	13 52	4 3	4 33	3 9		n.a.
M17	9 39	29 3	5 2	17 23	1 32	10 18	0 7	25 34	2 29	3 27	0 44	16 24	2 30	21 53	0 18	19 19	0 25	22 30	13 53	4 4	4 34	3 13		n.a.
T 18	10 2	27 24	4 36	17 40	1 24	10 48	0 10	25 32	2 31	3 33	0 44	16 22	2 30	21 53	0 18	19 19	0 25	22 30	13 53	4 5	4 36	3 16		n.a.
W19	10 25	24 24	3 57	17 54	1 15	11 18	0 12	25 31	2 32	3 38	0 44	16 21	2 30	21 53	0 18	19 18	0 25	22 30	13 53	4 5	4 37	3 20		n.a.
T 20	10 48	20 21	3 8	18 5	1 5	11 48	0 14	25 29	2 34	3 44	0 43	16 20	2 30	21 52	0 19	19 18	0 25	22 29	13 54	4 4	4 38	3 23		n.a.
F 21	11 10	15 34	2 12	18 13	0 54	12 17	0 17	25 28	2 36	3 49	0 43	16 19	2 31	21 52	0 19	19 18	0 25	22 29	13 54	4 4	4 39	3 27		n.a.
S 22	11 32	10 15	1 10	18 17	0 41	12 46	0 19	25 26	2 38	3 55	0 43	16 17	2 31	21 52	0 19	19 17	0 25	22 28	13 54	4 3	4 41	3 30		n.a.
S 23	11 54	4 38	0 7	18 18	0 28	13 15	0 21	25 25	2 40	4 0	0 43	16 16	2 31	21 51	0 19	19 17	0 25	22 28	13 54	4 3	4 42	3 34		n.a.
M24	12 16	1n 7	0n57	18 15	0 13	13 43	0 23	25 23	2 41	4 6	0 43	16 15	2 31	21 51	0 19	19 17	0 25	22 28	13 55	4 3	4 43	3 37		n.a.
T 25	12 38	6 51	1 58	18 8	0n 3	14 11	0 26	25 22	2 43	4 11	0 43	16 14	2 32	21 50	0 19	19 16	0 25	22 27	13 55	4 4	4 45	3 41		n.a.
W26	12 59	12 22	2 55	17 57	0 20	14 39	0 28	25 20	2 45	4 17	0 43	16 13	2 32	21 50	0 19	19 16	0 25	22 27	13 55	4 6	4 46	3 44		n.a.
T 27	13 21	17 30	3 44	17 43	0 38	15 6	0 30	25 19	2 47	4 22	0 43	16 12	2 32	21 50	0 19	19 15	0 25	22 27	13 56	4 9	4 47	3 48		n.a.
F 28	13 42	21 59	4 23	17 25	0 56	15 33	0 32	25 17	2 49	4 28	0 43	16 11	2 32	21 49	0 19	19 15	0 25	22 26	13 56	4 12	4 48	3 51		n.a.
S 29	14 2	25 36	4 51	17 3	1 15	15 59	0 34	25 16	2 51	4 33	0 43	16 10	2 33	21 49	0 19	19 15	0 25	22 26	13 56	4 16	4 50	3 55		n.a.
S 30	14s23	28n 3	5n 5	16s38	1n34	16s25	0s37	25n15	2n53	4s38	0n43	16n 9	2n33	21n48	0n19	19n14	0s25	22n26	13n57	4s19	4s51	3n58		n.a.

Julian Day Number = 197173.5, Delta T = 32h17m02s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'19, Lahiri = -61°17'19 Julian Calendar 1 Nov. 4174 BCE == Greg. Calendar 29 Sept. 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4174 BCE
geocentric

DECEMBER 4174 BCE (-4173) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 28 23	8♏27'41	25♊43	19°R 2	13♏10	21♋28	13♎16	24♌28	3°R43	25°R20	5♍58	19°R14	18♓ 0	6♈15	n.a.	M 1
T 2	2 32 19	9°28'33	8♋33	18♏17	14°25	21°48	13°30	24°31	3♊41	25♉18	6° 0	19♓ 7	17°57	6°22	n.a.	T 2
W 3	2 36 16	10°29'23	21°37	17°24	15°40	22° 8	13°43	24°35	3°39	25°16	6° 1	19° 3	17°54	6°28	n.a.	W 3
T 4	2 40 12	11°30'12	4♌57	16°23	16°55	22°27	13°56	24°38	3°36	25°15	6° 2	19° 1	17°51	6°35	n.a.	T 4
F 5	2 44 9	12°31'00	18°35	15°16	18°10	22°46	14° 9	24°41	3°34	25°13	6° 3	19°D 1	17°48	6°42	n.a.	F 5
S 6	2 48 6	13°31'46	2♍32	14° 6	19°25	23° 4	14°22	24°44	3°32	25°11	6° 5	19° 2	17°45	6°48	n.a.	S 6
S 7	2 52 2	14°32'31	16°49	12°55	20°40	23°22	14°35	24°47	3°29	25°10	6° 6	19°R 3	17°41	6°55	n.a.	S 7
M 8	2 55 59	15°33'14	1♎24	11°43	21°55	23°39	14°48	24°49	3°27	25° 8	6° 7	19° 2	17°38	7° 2	n.a.	M 8
T 9	2 59 55	16°33'56	16°14	10°35	23° 9	23°56	15° 1	24°52	3°24	25° 7	6° 8	19° 0	17°35	7° 8	n.a.	T 9
W10	3 3 52	17°34'36	1♏11	9°30	24°24	24°13	15°14	24°55	3°22	25° 5	6° 9	18°54	17°32	7°15	n.a.	W10
T 11	3 7 48	18°35'15	16° 9	8°30	25°39	24°29	15°27	24°57	3°19	25° 3	6°10	18°46	17°29	7°22	n.a.	T 11
F 12	3 11 45	19°35'51	0♐56	7°36	26°54	24°44	15°39	25° 0	3°17	25° 2	6°11	18°37	17°26	7°28	n.a.	F 12
S 13	3 15 42	20°36'26	15°26	6°50	28° 9	24°59	15°52	25° 2	3°14	25° 0	6°12	18°26	17°22	7°35	n.a.	S 13
S 14	3 19 38	21°36'59	29°32	6°11	29°23	25°14	16° 5	25° 4	3°12	24°58	6°13	18°17	17°19	7°42	n.a.	S 14
M15	3 23 35	22°37'30	13♑10	5°40	0♐38	25°28	16°17	25° 6	3° 9	24°57	6°14	18° 9	17°16	7°48	n.a.	M15
T 16	3 27 31	23°37'59	26°21	5°17	1°53	25°42	16°30	25° 8	3° 7	24°55	6°15	18° 3	17°13	7°55	n.a.	T 16
W17	3 31 28	24°38'26	9♒ 5	5° 1	3° 8	25°55	16°42	25°10	3° 4	24°53	6°16	17°59	17°10	8° 2	n.a.	W17
T 18	3 35 24	25°38'50	21°27	4°53	4°22	26° 8	16°54	25°12	3° 2	24°51	6°17	17°D58	17° 6	8° 8	n.a.	T 18
F 19	3 39 21	26°39'12	3♓32	4°D52	5°37	26°20	17° 7	25°14	2°59	24°50	6°18	17°58	17° 3	8°15	n.a.	F 19
S 20	3 43 18	27°39'31	15°26	4°57	6°52	26°31	17°19	25°15	2°56	24°48	6°19	17°R59	17° 0	8°22	n.a.	S 20
S 21	3 47 14	28°39'48	27°14	5° 9	8° 6	26°42	17°31	25°17	2°54	24°46	6°19	17°58	16°57	8°28	n.a.	S 21
M22	3 51 11	29°40'03	9♈ 0	5°27	9°21	26°52	17°43	25°18	2°51	24°45	6°20	17°56	16°54	8°35	n.a.	M22
T 23	3 55 7	0♗40'16	20°51	5°50	10°35	27° 2	17°55	25°20	2°49	24°43	6°21	17°51	16°51	8°42	n.a.	T 23
W24	3 59 4	1°40'26	2♉48	6°19	11°50	27°11	18° 7	25°21	2°46	24°41	6°21	17°44	16°47	8°48	n.a.	W24
T 25	4 3 0	2°40'35	14°56	6°52	13° 4	27°20	18°19	25°22	2°43	24°40	6°22	17°34	16°44	8°55	n.a.	T 25
F 26	4 6 57	3°40'41	27°15	7°30	14°19	27°28	18°31	25°23	2°41	24°38	6°23	17°22	16°41	9° 2	n.a.	F 26
S 27	4 10 53	4°40'45	9♊47	8°12	15°33	27°35	18°42	25°24	2°38	24°36	6°23	17° 8	16°38	9° 8	n.a.	S 27
S 28	4 14 50	5°40'47	22°32	8°58	16°48	27°42	18°54	25°25	2°35	24°35	6°24	16°55	16°35	9°15	n.a.	S 28
M29	4 18 47	6°40'46	5♋28	9°47	18° 2	27°48	19° 6	25°26	2°33	24°33	6°24	16°43	16°32	9°22	n.a.	M29
T 30	4 22 43	7°40'44	18°36	10°39	19°17	27°54	19°17	25°26	2°30	24°32	6°24	16°33	16°28	9°28	n.a.	T 30
W31	4 26 40	8♗40'40	1♌55	11♏35	20♐31	27♋58	19♎28	25♌27	2♊28	24♉30	6♍25	16♓26	16♓25	9♈35	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s43	29n 8	5n 5	16s10	1n53	16s51	0s39	25n13	2n55	4s44	0n43	16n 8	2n33	21n48	0n19	19n14	0s25	22n26	13n57	4s23	4s52	4n 2		n.a.
T 2	15 3	28 39	4 50	15 39	2 12	17 16	0 41	25 12	2 56	4 49	0 43	16 7	2 33	21 48	0 19	19 14	0 25	22 26	13 57	4 25	4 53	4 5		n.a.
W 3	15 23	26 35	4 19	15 7	2 29	17 41	0 43	25 10	2 58	4 54	0 43	16 6	2 34	21 47	0 19	19 13	0 25	22 25	13 58	4 27	4 55	4 8		n.a.
T 4	15 42	23 1	3 34	14 34	2 46	18 5	0 45	25 9	3 0	5 0	0 43	16 5	2 34	21 47	0 19	19 13	0 25	22 25	13 58	4 28	4 56	4 12		n.a.
F 5	16 2	18 9	2 36	14 0	3 1	18 28	0 47	25 8	3 2	5 5	0 43	16 4	2 34	21 46	0 19	19 12	0 25	22 25	13 59	4 28	4 57	4 15		n.a.
S 6	16 21	12 13	1 27	13 27	3 14	18 52	0 49	25 7	3 4	5 10	0 42	16 4	2 34	21 46	0 19	19 12	0 25	22 25	13 59	4 27	4 59	4 19		n.a.
S 7	16 39	5 32	0 12	12 55	3 25	19 14	0 51	25 5	3 7	5 15	0 42	16 3	2 35	21 45	0 19	19 12	0 25	22 25	13 59	4 27	5 0	4 22		n.a.
M 8	16 57	1s35	1s 6	12 24	3 33	19 36	0 53	25 4	3 9	5 21	0 42	16 2	2 35	21 45	0 19	19 11	0 25	22 25	14 0	4 27	5 1	4 26		n.a.
T 9	17 16	8 42	2 20	11 56	3 40	19 58	0 55	25 3	3 11	5 26	0 42	16 2	2 35	21 44	0 19	19 11	0 25	22 24	14 0	4 28	5 2	4 29		n.a.
W10	17 33	15 25	3 25	11 32	3 44	20 19	0 56	25 2	3 13	5 31	0 42	16 1	2 35	21 44	0 19	19 10	0 25	22 24	14 0	4 31	5 4	4 33		n.a.
T 11	17 51	21 13	4 16	11 10	3 46	20 39	0 58	25 1	3 15	5 36	0 42	16 0	2 36	21 43	0 19	19 10	0 25	22 24	14 1	4 34	5 5	4 36		n.a.
F 12	18 8	25 38	4 50	10 53	3 46	20 59	1 0	25 1	3 17	5 41	0 42	16 0	2 36	21 43	0 19	19 10	0 25	22 24	14 1	4 38	5 6	4 40		n.a.
S 13	18 24	28 19	5 3	10 39	3 45	21 18	1 2	25 0	3 19	5 46	0 42	15 59	2 36	21 42	0 19	19 9	0 25	22 24	14 2	4 42	5 7	4 43		n.a.
S 14	18 41	29 5	4 58	10 29	3 41	21 37	1 3	24 59	3 21	5 51	0 42	15 59	2 36	21 42	0 19	19 9	0 25	22 24	14 2	4 46	5 9	4 47		n.a.
M15	18 57	28 1	4 36	10 24	3 36	21 55	1 5	24 59	3 24	5 56	0 42	15 58	2 37	21 41	0 19	19 8	0 25	22 24	14 2	4 49	5 10	4 50		n.a.
T 16	19 12	25 23	3 59	10 22	3 30	22 12	1 6	24 58	3 26	6 1	0 42	15 58	2 37	21 41	0 19	19 8	0 25	22 24	14 3	4 51	5 11	4 54		n.a.
W17	19 28	21 34	3 12	10 23	3 23	22 29	1 8	24 58	3 28	6 6	0 42	15 57	2 37	21 41	0 19	19 8	0 25	22 24	14 3	4 53	5 13	4 57		n.a.
T 18	19 43	16 54	2 16	10 28	3 15	22 45	1 9	24 58	3 30	6 11	0 42	15 57	2 38	21 40	0 19	19 7	0 25	22 24	14 4	4 53	5 14	5 0		n.a.
F 19	19 57	11 40	1 16	10 36	3 6	23 0	1 11	24 57	3 33	6 16	0 42	15 57	2 38	21 40	0 19	19 7	0 25	22 24	14 4	4 53	5 15	5 4		n.a.
S 20	20 12	6 6	0 14	10 46	2 57	23 15	1 12	24 57	3 35	6 21	0 42	15 56	2 38	21 39	0 19	19 6	0 25	22 24	14 4	4 53	5 16	5 7		n.a.
S 21	20 25	0 23	0n49	10 59	2 47	23 29	1 13	24 57	3 37	6 25	0 42	15 56	2 38	21 38	0 19	19 6	0 25	22 24	14 5	4 53	5 18	5 11		n.a.
M22	20 39	5n20	1 49	11 15	2 37	23 43	1 15	24 57	3 39	6 30	0 42	15 56	2 39	21 38	0 19	19 6	0 25	22 25	14 5	4 54	5 19	5 14		n.a.
T 23	20 52	10 54	2 45	11 33	2 27	23 55	1 16	24 58	3 42	6 35	0 42	15 55	2 39	21 37	0 19	19 5	0 25	22 25	14 6	4 56	5 20	5 18		n.a.
W24	21 5	16 7	3 34	11 52	2 16	24 7	1 17	24 58	3 44	6 40	0 42	15 55	2 39	21 37	0 19	19 5	0 25	22 25	14 6	4 59	5 21	5 21		n.a.
T 25	21 17	20 48	4 14	12 13	2 5	24 18	1 18	24 59	3 46	6 44	0 42	15 55	2 39	21 36	0 19	19 4	0 25	22 25	14 6	5 3	5 23	5 25		n.a.
F 26	21 29	24 40	4 42	12 36	1 55	24 29	1 19	24 59	3 49	6 49	0 42	15 55	2 40	21 36	0 19	19 4	0 25	22 25	14 7	5 8	5 24	5 28		n.a.
S 27	21 40	27 27	4 58	13 0	1 44	24 38	1 20	25 0	3 51	6 54	0 42	15 55	2 40	21 35	0 19	19 4	0 25	22 25	14 7	5 13	5 25	5 32		n.a.
S 28	21 51	28 52	4 59	13 25	1 33	24 47	1 21	25 1	3 54	6 58	0 42	15 55	2 40	21 35	0 19	19 3	0 25	22 25	14 8	5 19	5 27	5 35		n.a.
M29	22 2	28 44	4 45	13 51	1 23	24 55	1 22	25 2	3 56	7 3	0 41	15 55	2 41	21 34	0 19	19 3	0 25	22 26	14 8	5 23	5 28	5 38		n.a.
T 30	22 12	27 0	4 15	14 18	1 12	25 3	1 23	25 3	3 58	7 7	0 41	15 55	2 41	21 34	0 19	19 2	0 25	22 26	14 8	5 27	5 29	5 42		n.a.
W31	22s22	23n43	3n32	14s45	1n 2	25s 9	1s24	25n 5	4n 1	7s12	0n41	15n55	2n41	21n33	0n19	19n 2	0s25	22n26	14n 9	5s30	5s30	5n45		n.a.

Julian Day Number = 197203.5, Delta T = 32h16m59s
Ecliptic obliquity = 24°07'03, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'15, Lahiri = -61°17'14 Julian Calendar 1 Dec. 4174 BCE == Greg. Calendar 29 Oct. 4174 BCE

The year -4173 astronomical counting style corresponds to year 4174 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

JANUARY 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 30 36	9♐40'34	15♌25	12♏33	21♐46	28♋ 3	19♎40	25♌28	2°R25	24°R28	6♍25	16°R22	16♓22	9♈41	n.a.	T 1
F 2	4 34 33	10°40'25	29° 6	13°34	23° 0	28° 6	19°51	25°28	2♊22	24♉27	6°26	16♓20	16°19	9°48	n.a.	F 2
S 3	4 38 29	11°40'15	12♍58	14°38	24°14	28° 9	20° 2	25°28	2°20	24°25	6°26	16°20	16°16	9°55	n.a.	S 3
S 4	4 42 26	12°40'03	27° 3	15°44	25°29	28°11	20°13	25°28	2°17	24°23	6°26	16°20	16°12	10° 1	n.a.	S 4
M 5	4 46 22	13°39'49	11♎19	16°52	26°43	28°12	20°24	25°R28	2°15	24°22	6°26	16°18	16° 9	10° 8	n.a.	M 5
T 6	4 50 19	14°39'33	25°45	18° 2	27°57	28°R12	20°35	25°28	2°12	24°20	6°26	16°14	16° 6	10°15	n.a.	T 6
W 7	4 54 15	15°39'15	10♏18	19°14	29°12	28°12	20°45	25°28	2°10	24°19	6°27	16° 8	16° 3	10°21	n.a.	W 7
T 8	4 58 12	16°38'55	24°51	20°28	0♑26	28°11	20°56	25°28	2° 7	24°17	6°27	15°58	16° 0	10°28	n.a.	T 8
F 9	5 2 9	17°38'33	9♐18	21°44	1°40	28° 9	21° 7	25°28	2° 5	24°16	6°27	15°47	15°57	10°35	n.a.	F 9
S 10	5 6 5	18°38'09	23°33	23° 2	2°54	28° 7	21°17	25°27	2° 2	24°14	6°27	15°34	15°53	10°41	n.a.	S 10
S 11	5 10 2	19°37'42	7♑29	24°21	4° 9	28° 3	21°27	25°27	2° 0	24°13	6°R27	15°22	15°50	10°48	n.a.	S 11
M12	5 13 58	20°37'13	21° 2	25°42	5°23	27°59	21°38	25°26	1°57	24°11	6°27	15°12	15°47	10°55	n.a.	M12
T 13	5 17 55	21°36'41	4♒11	27° 4	6°37	27°54	21°48	25°26	1°55	24°10	6°27	15° 4	15°44	11° 1	n.a.	T 13
W14	5 21 51	22°36'07	16°57	28°28	7°51	27°49	21°58	25°25	1°52	24° 8	6°27	14°59	15°41	11° 8	n.a.	W14
T 15	5 25 48	23°35'31	29°21	29°54	9° 5	27°42	22° 8	25°24	1°50	24° 7	6°27	14°56	15°38	11°15	n.a.	T 15
F 16	5 29 44	24°34'52	11♓29	1♐21	10°19	27°35	22°17	25°23	1°48	24° 6	6°26	14°D56	15°34	11°21	n.a.	F 16
S 17	5 33 41	25°34'10	23°24	2°49	11°33	27°27	22°27	25°22	1°45	24° 4	6°26	14°R56	15°31	11°28	n.a.	S 17
S 18	5 37 37	26°33'25	5♈14	4°19	12°47	27°19	22°37	25°21	1°43	24° 3	6°26	14°55	15°28	11°35	n.a.	S 18
M19	5 41 34	27°32'38	17° 2	5°50	14° 1	27° 9	22°46	25°19	1°41	24° 1	6°26	14°54	15°25	11°41	n.a.	M19
T 20	5 45 31	28°31'49	28°55	7°22	15°15	26°59	22°55	25°18	1°39	24° 0	6°25	14°50	15°22	11°48	n.a.	T 20
W21	5 49 27	29°30'57	10♉57	8°56	16°29	26°48	23° 5	25°16	1°36	23°59	6°25	14°44	15°18	11°55	n.a.	W21
T 22	5 53 24	0♑30'03	23°12	10°32	17°43	26°36	23°14	25°15	1°34	23°57	6°25	14°35	15°15	12° 1	n.a.	T 22
F 23	5 57 20	1°29'06	5♊42	12° 8	18°57	26°24	23°23	25°13	1°32	23°56	6°24	14°24	15°12	12° 8	n.a.	F 23
S 24	6 1 17	2°28'07	18°28	13°46	20°11	26°10	23°32	25°11	1°30	23°55	6°24	14°12	15° 9	12°15	n.a.	S 24
S 25	6 5 13	3°27'05	1♋31	15°26	21°25	25°57	23°40	25°10	1°28	23°54	6°23	14° 0	15° 6	12°21	n.a.	S 25
M26	6 9 10	4°26'01	14°50	17° 6	22°38	25°42	23°49	25° 8	1°26	23°53	6°23	13°49	15° 3	12°28	n.a.	M26
T 27	6 13 6	5°24'55	28°21	18°48	23°52	25°27	23°57	25° 6	1°24	23°51	6°22	13°40	14°59	12°35	n.a.	T 27
W28	6 17 3	6°23'47	12♌ 3	20°32	25° 6	25°11	24° 6	25° 4	1°22	23°50	6°22	13°33	14°56	12°41	n.a.	W28
T 29	6 20 59	7°22'37	25°54	22°17	26°20	24°54	24°14	25° 2	1°20	23°49	6°21	13°30	14°53	12°48	n.a.	T 29
F 30	6 24 56	8°21'24	9♍51	24° 3	27°33	24°37	24°22	24°59	1°18	23°48	6°21	13°D28	14°50	12°55	n.a.	F 30
S 31	6 28 52	9♑20'10	23♍53	25♐51	28♑47	24♋20	24♎30	24♌57	1♊16	23♉47	6♍20	13♓29	14♓47	13♈ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	22s32	19n 8	2n35	15s13	0n52	25s15	1s24	25n 6	4n 3	7s16	0n41	15n55	2n41	21n33	0n19	19n 2	0s25	22n26	14n 9	5s32	5s32	5n49			n.a.
F 2	22 41	13 31	1 30	15 42	0 42	25 20	1 25	25 8	4 5	7 20	0 41	15 55	2 42	21 32	0 19	19 1	0 24	22 27	14 10	5 32	5 33	5 52			n.a.
S 3	22 49	7 9	0 18	16 10	0 32	25 25	1 26	25 9	4 8	7 25	0 41	15 55	2 42	21 32	0 19	19 1	0 24	22 27	14 10	5 33	5 34	5 56			n.a.
S 4	22 57	0 21	0s56	16 39	0 22	25 28	1 26	25 11	4 10	7 29	0 41	15 56	2 42	21 31	0 19	19 0	0 24	22 27	14 11	5 33	5 35	5 59			n.a.
M 5	23 5	6s33	2 8	17 8	0 13	25 31	1 26	25 13	4 13	7 33	0 41	15 56	2 43	21 31	0 19	19 0	0 24	22 27	14 11	5 33	5 37	6 2			n.a.
T 6	23 12	13 12	3 12	17 37	0 4	25 33	1 27	25 16	4 15	7 37	0 41	15 56	2 43	21 30	0 19	19 0	0 24	22 28	14 11	5 35	5 38	6 6			n.a.
W 7	23 19	19 10	4 4	18 6	0s 5	25 34	1 27	25 18	4 17	7 42	0 41	15 56	2 43	21 30	0 19	18 59	0 24	22 28	14 12	5 37	5 39	6 9			n.a.
T 8	23 25	24 2	4 40	18 35	0 14	25 34	1 27	25 20	4 20	7 46	0 41	15 57	2 43	21 29	0 19	18 59	0 24	22 28	14 12	5 41	5 40	6 13			n.a.
F 9	23 31	27 23	4 58	19 4	0 22	25 34	1 28	25 23	4 22	7 50	0 41	15 57	2 44	21 29	0 19	18 59	0 24	22 29	14 13	5 46	5 42	6 16			n.a.
S 10	23 37	28 54	4 57	19 32	0 30	25 33	1 28	25 26	4 24	7 54	0 41	15 57	2 44	21 28	0 19	18 58	0 24	22 29	14 13	5 51	5 43	6 20			n.a.
S 11	23 42	28 32	4 38	20 0	0 38	25 31	1 28	25 29	4 27	7 58	0 41	15 58	2 44	21 28	0 19	18 58	0 24	22 29	14 13	5 55	5 44	6 23			n.a.
M12	23 46	26 26	4 4	20 28	0 46	25 28	1 28	25 32	4 29	8 2	0 41	15 58	2 44	21 27	0 19	18 58	0 24	22 30	14 14	5 59	5 46	6 26			n.a.
T 13	23 50	22 57	3 18	20 55	0 53	25 24	1 28	25 35	4 31	8 6	0 41	15 59	2 45	21 27	0 19	18 57	0 24	22 30	14 14	6 3	5 47	6 30			n.a.
W14	23 54	18 27	2 22	21 21	1 0	25 20	1 28	25 38	4 33	8 9	0 41	15 59	2 45	21 26	0 19	18 57	0 24	22 31	14 15	6 5	5 48	6 33			n.a.
T 15	23 57	13 17	1 22	21 47	1 6	25 15	1 27	25 42	4 35	8 13	0 41	16 0	2 45	21 26	0 19	18 57	0 24	22 31	14 15	6 6	5 49	6 37			n.a.
F 16	24 0	7 44	0 18	22 12	1 13	25 9	1 27	25 46	4 38	8 17	0 41	16 1	2 46	21 25	0 19	18 56	0 24	22 31	14 15	6 6	5 51	6 40			n.a.
S 17	24 2	2 0	0n45	22 36	1 19	25 2	1 27	25 49	4 40	8 21	0 41	16 1	2 46	21 25	0 19	18 56	0 24	22 32	14 16	6 6	5 52	6 44			n.a.
S 18	24 4	3n44	1 45	22 59	1 24	24 55	1 26	25 53	4 42	8 24	0 41	16 2	2 46	21 24	0 19	18 56	0 24	22 32	14 16	6 6	5 53	6 47			n.a.
M19	24 5	9 21	2 41	23 21	1 30	24 47	1 26	25 57	4 44	8 28	0 41	16 3	2 46	21 24	0 19	18 55	0 24	22 33	14 17	6 7	5 54	6 50			n.a.
T 20	24 6	14 40	3 31	23 43	1 35	24 38	1 26	26 1	4 46	8 32	0 41	16 3	2 47	21 23	0 19	18 55	0 24	22 33	14 17	6 8	5 56	6 54			n.a.
W21	24 7	19 30	4 11	24 3	1 39	24 28	1 25	26 5	4 48	8 35	0 41	16 4	2 47	21 23	0 19	18 55	0 24	22 34	14 17	6 11	5 57	6 57			n.a.
T 22	24 7	23 37	4 41	24 22	1 43	24 18	1 24	26 9	4 49	8 39	0 41	16 5	2 47	21 22	0 19	18 54	0 24	22 34	14 18	6 14	5 58	7 1			n.a.
F 23	24 6	26 44	4 58	24 39	1 47	24 7	1 24	26 14	4 51	8 42	0 41	16 6	2 47	21 22	0 19	18 54	0 24	22 35	14 18	6 19	5 59	7 4			n.a.
S 24	24 5	28 35	5 0	24 55	1 50	23 55	1 23	26 18	4 53	8 45	0 41	16 6	2 48	21 22	0 19	18 54	0 24	22 35	14 19	6 23	6 1	7 7			n.a.
S 25	24 4	28 54	4 48	25 10	1 53	23 42	1 22	26 22	4 54	8 49	0 41	16 7	2 48	21 21	0 19	18 53	0 24	22 36	14 19	6 28	6 2	7 11			n.a.
M26	24 2	27 33	4 19	25 23	1 56	23 29	1 21	26 27	4 56	8 52	0 41	16 8	2 48	21 21	0 19	18 53	0 24	22 36	14 19	6 33	6 3	7 14			n.a.
T 27	24 0	24 35	3 35	25 35	1 58	23 15	1 20	26 31	4 57	8 55	0 41	16 9	2 48	21 20	0 19	18 53	0 24	22 37	14 20	6 36	6 4	7 18			n.a.
W28	23 57	20 12	2 39	25 45	1 59	23 1	1 19	26 35	4 59	8 58	0 41	16 10	2 49	21 20	0 19	18 53	0 24	22 37	14 20	6 39	6 6	7 21			n.a.
T 29	23 54	14 41	1 32	25 53	2 1	22 45	1 18	26 40	5 0	9 2	0 41	16 11	2 49	21 19	0 19	18 52	0 24	22 38	14 20	6 40	6 7	7 24			n.a.
F 30	23 51	8 23	0 19	26 0	2 1	22 29	1 17	26 44	5 1	9 5	0 41	16 12	2 49	21 19	0 19	18 52	0 24	22 39	14 21	6 40	6 8	7 28			n.a.
S 31	23s46	1n39	0s55	26s 4	2s 1	22s13	1s15	26n49	5n 2	9s 8	0n41	16n13	2n49	21n19	0n19	18n52	0s24	22n39	14n21	6s40	6s10	7n31			n.a.

Julian Day Number = 197234.5, Delta T = 32h16m56s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'11, Lahiri = -61°17'10 Julian Calendar 1 Jan. 4173 BCE == Greg. Calendar 29 Nov. 4174 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

FEBRUARY 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 32 49	10♉18'53	7♎58	27♐40	0♒ 1	24°R 1	24♎38	24°R54	1°R14	23°R46	6°R19	13°R29	14♓44	13♈ 8	n.a.	S 1
M 2	6 36 46	11°17'35	22° 7	29°31	1°14	23♋42	24°46	24♏52	1♊12	23♉45	6♍18	13♓29	14°40	13°15	n.a.	M 2
T 3	6 40 42	12°16'15	6♏17	1♉23	2°28	23°23	24°53	24°49	1°10	23°44	6°18	13°26	14°37	13°21	n.a.	T 3
W 4	6 44 39	13°14'53	20°27	3°17	3°41	23° 3	25° 1	24°47	1° 9	23°43	6°17	13°22	14°34	13°28	n.a.	W 4
T 5	6 48 35	14°13'29	4♐34	5°12	4°55	22°43	25° 8	24°44	1° 7	23°42	6°16	13°15	14°31	13°35	n.a.	T 5
F 6	6 52 32	15°12'03	18°33	7° 8	6° 8	22°23	25°15	24°41	1° 5	23°41	6°15	13° 6	14°28	13°41	n.a.	F 6
S 7	6 56 28	16°10'36	2♉22	9° 6	7°22	22° 2	25°22	24°38	1° 4	23°40	6°14	12°56	14°24	13°48	n.a.	S 7
S 8	7 0 25	17° 9'06	15°56	11° 5	8°35	21°40	25°29	24°35	1° 2	23°39	6°14	12°47	14°21	13°55	n.a.	S 8
M 9	7 4 21	18° 7'34	29°13	13° 6	9°49	21°19	25°35	24°32	1° 0	23°38	6°13	12°39	14°18	14° 1	n.a.	M 9
T 10	7 8 18	19° 5'59	12♒11	15° 8	11° 2	20°57	25°42	24°29	0°59	23°38	6°12	12°33	14°15	14° 8	n.a.	T 10
W11	7 12 14	20° 4'23	24°49	17°11	12°15	20°35	25°48	24°26	0°58	23°37	6°11	12°29	14°12	14°15	n.a.	W11
T 12	7 16 11	21° 2'44	7♓11	19°15	13°28	20°13	25°55	24°23	0°56	23°36	6°10	12°D27	14° 9	14°21	n.a.	T 12
F 13	7 20 7	22° 1'03	19°18	21°20	14°42	19°51	26° 1	24°19	0°55	23°35	6° 9	12°27	14° 5	14°28	n.a.	F 13
S 14	7 24 4	22°59'19	1♈14	23°26	15°55	19°29	26° 6	24°16	0°53	23°35	6° 8	12°28	14° 2	14°35	n.a.	S 14
S 15	7 28 0	23°57'34	13° 4	25°32	17° 8	19° 7	26°12	24°13	0°52	23°34	6° 7	12°29	13°59	14°41	n.a.	S 15
M16	7 31 57	24°55'46	24°54	27°40	18°21	18°45	26°18	24° 9	0°51	23°33	6° 5	12°R30	13°56	14°48	n.a.	M16
T 17	7 35 54	25°53'56	6♉49	29°47	19°34	18°23	26°23	24° 6	0°50	23°33	6° 4	12°29	13°53	14°55	n.a.	T 17
W18	7 39 50	26°52'03	18°52	1♒54	20°47	18° 1	26°29	24° 2	0°49	23°32	6° 3	12°27	13°50	15° 1	n.a.	W18
T 19	7 43 47	27°50'09	1♊10	4° 1	22° 0	17°39	26°34	23°58	0°48	23°32	6° 2	12°22	13°46	15° 8	n.a.	T 19
F 20	7 47 43	28°48'12	13°46	6° 8	23°13	17°18	26°39	23°55	0°47	23°31	6° 1	12°17	13°43	15°15	n.a.	F 20
S 21	7 51 40	29°46'13	26°41	8°13	24°26	16°57	26°43	23°51	0°46	23°31	6° 0	12°10	13°40	15°21	n.a.	S 21
S 22	7 55 36	0♒44'12	9♋57	10°17	25°39	16°36	26°48	23°47	0°45	23°30	5°58	12° 3	13°37	15°28	n.a.	S 22
M23	7 59 33	1°42'09	23°33	12°20	26°52	16°16	26°52	23°43	0°44	23°30	5°57	11°56	13°34	15°35	n.a.	M23
T 24	8 3 29	2°40'05	7♌27	14°21	28° 5	15°56	26°57	23°39	0°43	23°29	5°56	11°51	13°30	15°41	n.a.	T 24
W25	8 7 26	3°37'58	21°34	16°20	29°18	15°36	27° 1	23°35	0°42	23°29	5°54	11°48	13°27	15°48	n.a.	W25
T 26	8 11 22	4°35'49	5♍51	18°17	0♓30	15°17	27° 5	23°31	0°41	23°29	5°53	11°D46	13°24	15°55	n.a.	T 26
F 27	8 15 19	5°33'39	20°13	20°10	1°43	14°59	27° 8	23°27	0°41	23°28	5°52	11°46	13°21	16° 1	n.a.	F 27
S 28	8 19 15	6°31'28	4♎35	22° 1	2°56	14°41	27°12	23°23	0°40	23°28	5°50	11°47	13°18	16° 8	n.a.	S 28
S 29	8 23 12	7♒29'14	18♎54	23♒49	4♓ 8	14♋23	27♎15	23♌19	0♊40	23♉28	5♍49	11♓49	13♓15	16♈15	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s42	5s11	2s 7	26s 7	2s 1	21s56	1s14	26n53	5n 3	9s11	0n41	16n14	2n49	21n18	0n19	18n52	0s24	22n40	14n21	6s40	6s11	7n34		n.a.
M 2	23 37	11 47	3 11	26 7	2 0	21 38	1 13	26 57	5 4	9 13	0 41	16 15	2 50	21 18	0 19	18 51	0 24	22 40	14 22	6 40	6 12	7 38		n.a.
T 3	23 32	17 48	4 3	26 5	1 59	21 19	1 11	27 2	5 5	9 16	0 41	16 16	2 50	21 17	0 19	18 51	0 24	22 41	14 22	6 41	6 13	7 41		n.a.
W 4	23 26	22 51	4 41	26 1	1 57	21 0	1 10	27 6	5 6	9 19	0 41	16 17	2 50	21 17	0 19	18 51	0 24	22 42	14 22	6 43	6 15	7 45		n.a.
T 5	23 20	26 34	5 1	25 55	1 54	20 41	1 8	27 10	5 6	9 22	0 41	16 19	2 50	21 17	0 19	18 51	0 24	22 42	14 23	6 46	6 16	7 48		n.a.
F 6	23 13	28 38	5 3	25 46	1 51	20 21	1 7	27 14	5 7	9 24	0 41	16 20	2 51	21 16	0 19	18 50	0 24	22 43	14 23	6 49	6 17	7 51		n.a.
S 7	23 6	28 53	4 47	25 35	1 47	20 0	1 5	27 18	5 7	9 27	0 41	16 21	2 51	21 16	0 19	18 50	0 24	22 43	14 23	6 53	6 18	7 55		n.a.
S 8	22 59	27 22	4 15	25 21	1 43	19 39	1 3	27 22	5 7	9 30	0 41	16 22	2 51	21 16	0 19	18 50	0 24	22 44	14 24	6 57	6 20	7 58		n.a.
M 9	22 51	24 19	3 30	25 5	1 38	19 17	1 1	27 25	5 7	9 32	0 41	16 23	2 51	21 15	0 19	18 50	0 24	22 45	14 24	7 0	6 21	8 2		n.a.
T 10	22 43	20 6	2 35	24 46	1 33	18 54	1 0	27 29	5 7	9 35	0 41	16 25	2 51	21 15	0 19	18 50	0 24	22 45	14 24	7 2	6 22	8 5		n.a.
W11	22 34	15 4	1 33	24 25	1 27	18 32	0 58	27 32	5 7	9 37	0 41	16 26	2 52	21 15	0 19	18 49	0 24	22 46	14 25	7 4	6 23	8 8		n.a.
T 12	22 25	9 33	0 28	24 1	1 20	18 8	0 56	27 35	5 6	9 39	0 41	16 27	2 52	21 14	0 19	18 49	0 24	22 47	14 25	7 5	6 25	8 12		n.a.
F 13	22 15	3 47	0n37	23 34	1 13	17 44	0 54	27 38	5 6	9 42	0 41	16 29	2 52	21 14	0 19	18 49	0 24	22 47	14 25	7 5	6 26	8 15		n.a.
S 14	22 6	2n 1	1 40	23 5	1 5	17 20	0 52	27 41	5 5	9 44	0 41	16 30	2 52	21 14	0 19	18 49	0 24	22 48	14 25	7 4	6 27	8 18		n.a.
S 15	21 55	7 43	2 38	22 34	0 57	16 55	0 50	27 44	5 4	9 46	0 41	16 31	2 52	21 14	0 19	18 49	0 23	22 49	14 26	7 4	6 28	8 22		n.a.
M16	21 45	13 8	3 29	22 0	0 48	16 30	0 47	27 46	5 4	9 48	0 41	16 33	2 52	21 13	0 19	18 49	0 23	22 49	14 26	7 3	6 30	8 25		n.a.
T 17	21 34	18 6	4 11	21 24	0 39	16 5	0 45	27 48	5 2	9 50	0 41	16 34	2 53	21 13	0 19	18 49	0 23	22 50	14 26	7 4	6 31	8 28		n.a.
W18	21 22	22 27	4 43	20 46	0 29	15 39	0 43	27 50	5 1	9 52	0 41	16 35	2 53	21 13	0 19	18 48	0 23	22 51	14 27	7 5	6 32	8 32		n.a.
T 19	21 11	25 54	5 3	20 6	0 19	15 12	0 41	27 52	5 0	9 54	0 41	16 37	2 53	21 13	0 19	18 48	0 23	22 51	14 27	7 6	6 33	8 35		n.a.
F 20	20 59	28 12	5 9	19 24	0 8	14 46	0 38	27 54	4 59	9 56	0 41	16 38	2 53	21 12	0 19	18 48	0 23	22 52	14 27	7 9	6 35	8 38		n.a.
S 21	20 46	29 3	4 59	18 41	0n 2	14 19	0 36	27 55	4 57	9 58	0 41	16 40	2 53	21 12	0 19	18 48	0 23	22 53	14 27	7 11	6 36	8 42		n.a.
S 22	20 33	28 16	4 33	17 57	0 14	13 51	0 34	27 56	4 55	9 59	0 41	16 41	2 53	21 12	0 19	18 48	0 23	22 53	14 27	7 14	6 37	8 45		n.a.
M23	20 20	25 48	3 52	17 11	0 25	13 23	0 31	27 57	4 54	10 1	0 41	16 43	2 53	21 12	0 19	18 48	0 23	22 54	14 28	7 17	6 38	8 49		n.a.
T 24	20 7	21 45	2 55	16 25	0 36	12 55	0 29	27 58	4 52	10 3	0 41	16 44	2 54	21 12	0 19	18 48	0 23	22 55	14 28	7 19	6 40	8 52		n.a.
W25	19 53	16 24	1 48	15 38	0 47	12 27	0 26	27 58	4 50	10 4	0 41	16 45	2 54	21 11	0 19	18 48	0 23	22 56	14 28	7 20	6 41	8 55		n.a.
T 26	19 39	10 7	0 32	14 51	0 58	11 58	0 23	27 59	4 48	10 6	0 40	16 47	2 54	21 11	0 19	18 48	0 23	22 56	14 28	7 21	6 42	8 59		n.a.
F 27	19 25	3 17	0s46	14 5	1 9	11 29	0 21	27 59	4 46	10 7	0 40	16 48	2 54	21 11	0 19	18 48	0 23	22 57	14 28	7 21	6 43	9 2		n.a.
S 28	19 10	3s43	2 1	13 18	1 20	11 0	0 18	27 58	4 43	10 8	0 40	16 50	2 54	21 11	0 19	18 48	0 23	22 58	14 29	7 20	6 45	9 5		n.a.
S 29	18s55	10s30	3s 9	12s32	1n31	10s30	0s16	27n58	4n41	10s10	0n40	16n51	2n54	21n11	0n19	18n48	0s23	22n58	14n29	7s20	6s46	9n 9		n.a.

Julian Day Number = 197265.5, Delta T = 32h16m52s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'07, Lahiri = -61°17'06 Julian Calendar 1 Feb. 4173 BCE == Greg. Calendar 30 Dec. 4174 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

MARCH 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 27 8	8♒27'00	3♏ 7	25♒34	5♓21	14°R 6	27♎19	23°R15	0°R39	23°R28	5°R48	11°R50	13♓11	16♈21	n.a.	M 1
T 2	8 31 5	9°24'44	17°14	27°15	6°33	13♋50	27°22	23♌11	0♊39	23♉28	5♍46	11♓50	13° 8	16°28	n.a.	T 2
W 3	8 35 2	10°22'27	1♐11	28°53	7°46	13°34	27°25	23° 7	0°38	23°27	5°45	11°48	13° 5	16°35	n.a.	W 3
T 4	8 38 58	11°20'08	14°58	0♓27	8°58	13°19	27°27	23° 3	0°38	23°27	5°43	11°45	13° 2	16°41	n.a.	T 4
F 5	8 42 55	12°17'48	28°33	1°57	10°10	13° 5	27°30	22°58	0°38	23°27	5°42	11°41	12°59	16°48	n.a.	F 5
S 6	8 46 51	13°15'27	11♉56	3°24	11°23	12°52	27°32	22°54	0°37	23°D27	5°40	11°37	12°56	16°55	n.a.	S 6
S 7	8 50 48	14°13'05	25° 5	4°46	12°35	12°39	27°34	22°50	0°37	23°27	5°39	11°33	12°52	17° 1	n.a.	S 7
M 8	8 54 44	15°10'40	7♒59	6° 5	13°47	12°27	27°36	22°45	0°37	23°27	5°37	11°29	12°49	17° 8	n.a.	M 8
T 9	8 58 41	16° 8'15	20°39	7°19	14°59	12°16	27°38	22°41	0°37	23°27	5°36	11°26	12°46	17°15	n.a.	T 9
W10	9 2 37	17° 5'48	3♓ 5	8°30	16°12	12° 5	27°40	22°37	0°D37	23°27	5°34	11°25	12°43	17°21	n.a.	W10
T 11	9 6 34	18° 3'19	15°18	9°36	17°24	11°56	27°41	22°32	0°37	23°28	5°33	11°D25	12°40	17°28	n.a.	T 11
F 12	9 10 30	19° 0'48	27°20	10°38	18°36	11°47	27°42	22°28	0°37	23°28	5°31	11°26	12°36	17°35	n.a.	F 12
S 13	9 14 27	19°58'16	9♈14	11°36	19°48	11°39	27°43	22°24	0°37	23°28	5°30	11°27	12°33	17°41	n.a.	S 13
S 14	9 18 24	20°55'43	21° 4	12°29	21° 0	11°32	27°44	22°19	0°37	23°28	5°28	11°29	12°30	17°48	n.a.	S 14
M15	9 22 20	21°53'08	2♉54	13°18	22°11	11°26	27°45	22°15	0°37	23°28	5°26	11°30	12°27	17°55	n.a.	M15
T 16	9 26 17	22°50'32	14°49	14° 2	23°23	11°20	27°45	22°10	0°38	23°29	5°25	11°31	12°24	18° 1	n.a.	T 16
W17	9 30 13	23°47'54	26°52	14°42	24°35	11°15	27°45	22° 6	0°38	23°29	5°23	11°R31	12°21	18° 8	n.a.	W17
T 18	9 34 10	24°45'14	9♊ 9	15°18	25°47	11°12	27°R46	22° 2	0°38	23°29	5°22	11°30	12°17	18°15	n.a.	T 18
F 19	9 38 6	25°42'33	21°45	15°48	26°58	11° 9	27°45	21°57	0°39	23°30	5°20	11°29	12°14	18°21	n.a.	F 19
S 20	9 42 3	26°39'51	4♋42	16°14	28°10	11° 6	27°45	21°53	0°39	23°30	5°18	11°27	12°11	18°28	n.a.	S 20
S 21	9 45 59	27°37'07	18° 2	16°35	29°21	11° 5	27°45	21°49	0°40	23°31	5°17	11°26	12° 8	18°35	n.a.	S 21
M22	9 49 56	28°34'22	1♌47	16°52	0♈33	11°D 5	27°44	21°44	0°40	23°31	5°15	11°24	12° 5	18°42	n.a.	M22
T 23	9 53 52	29°31'36	15°55	17° 4	1°44	11° 5	27°43	21°40	0°41	23°32	5°13	11°23	12° 1	18°48	n.a.	T 23
W24	9 57 49	0♓28'48	0♍21	17°10	2°56	11° 6	27°42	21°36	0°42	23°32	5°12	11°22	11°58	18°55	n.a.	W24
T 25	10 1 46	1°26'00	15° 1	17°R13	4° 7	11° 8	27°41	21°31	0°42	23°33	5°10	11°D22	11°55	19° 2	n.a.	T 25
F 26	10 5 42	2°23'10	29°48	17°10	5°18	11°10	27°39	21°27	0°43	23°33	5° 9	11°22	11°52	19° 8	n.a.	F 26
S 27	10 9 39	3°20'20	14♎35	17° 4	6°29	11°14	27°38	21°23	0°44	23°34	5° 7	11°23	11°49	19°15	n.a.	S 27
S 28	10 13 35	4°17'29	29°16	16°53	7°40	11°18	27°36	21°19	0°45	23°35	5° 5	11°23	11°46	19°22	n.a.	S 28
M29	10 17 32	5°14'37	13♏44	16°37	8°51	11°23	27°34	21°14	0°46	23°35	5° 4	11°24	11°42	19°28	n.a.	M29
T 30	10 21 28	6°11'45	27°57	16°19	10° 2	11°28	27°32	21°10	0°47	23°36	5° 2	11°24	11°39	19°35	n.a.	T 30
W31	10 25 25	7♓ 8'52	11♐52	15♓56	11♈13	11♋35	27♎30	21♌ 6	0♊48	23♉37	5♍ 0	11°R24	11♓36	19♈42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	18s40	16s42	4s 4	11s47	1n41	10s 1	0s13	27n58	4n38	10s11	0n40	16n53	2n54	21n11	0n19	18n48	0s23	22n59	14n29	7s19	6s47	9n12			n.a.
T 2	18 24	21 59	4 44	11 2	1 51	9 31	0 10	27 57	4 36	10 12	0 40	16 54	2 54	21 11	0 19	18 48	0 23	23 0	14 29	7 19	6 48	9 15			n.a.
W 3	18 8	25 58	5 7	10 19	2 0	9 1	0 7	27 56	4 33	10 13	0 40	16 56	2 54	21 10	0 19	18 48	0 23	23 0	14 29	7 20	6 50	9 18			n.a.
T 4	17 52	28 24	5 12	9 37	2 9	8 30	0 4	27 55	4 31	10 14	0 40	16 57	2 55	21 10	0 19	18 48	0 23	23 1	14 29	7 21	6 51	9 22			n.a.
F 5	17 35	29 5	4 59	8 57	2 17	8 0	0 2	27 54	4 28	10 15	0 40	16 59	2 55	21 10	0 19	18 48	0 23	23 2	14 30	7 23	6 52	9 25			n.a.
S 6	17 19	28 3	4 30	8 18	2 25	7 29	0n 1	27 52	4 25	10 16	0 40	17 1	2 55	21 10	0 19	18 48	0 23	23 3	14 30	7 24	6 53	9 28			n.a.
S 7	17 2	25 26	3 47	7 41	2 32	6 58	0 4	27 51	4 22	10 17	0 40	17 2	2 55	21 10	0 19	18 48	0 23	23 3	14 30	7 26	6 55	9 32			n.a.
M 8	16 44	21 34	2 53	7 6	2 38	6 27	0 7	27 49	4 19	10 17	0 40	17 4	2 55	21 10	0 19	18 48	0 23	23 4	14 30	7 27	6 56	9 35			n.a.
T 9	16 27	16 46	1 52	6 33	2 44	5 55	0 10	27 47	4 16	10 18	0 40	17 5	2 55	21 10	0 19	18 48	0 23	23 5	14 30	7 28	6 57	9 38			n.a.
W10	16 9	11 22	0 46	6 1	2 48	5 24	0 13	27 45	4 13	10 19	0 40	17 7	2 55	21 10	0 19	18 48	0 23	23 5	14 30	7 29	6 58	9 42			n.a.
T 11	15 51	5 38	0n21	5 32	2 52	4 53	0 16	27 43	4 10	10 19	0 40	17 8	2 55	21 10	0 19	18 48	0 23	23 6	14 30	7 29	7 0	9 45			n.a.
F 12	15 33	0n14	1 27	5 5	2 56	4 21	0 19	27 41	4 7	10 20	0 40	17 10	2 55	21 10	0 19	18 48	0 23	23 7	14 30	7 29	7 1	9 48			n.a.
S 13	15 14	6 0	2 27	4 41	2 58	3 49	0 22	27 38	4 4	10 20	0 40	17 11	2 55	21 10	0 19	18 48	0 23	23 7	14 30	7 28	7 2	9 52			n.a.
S 14	14 55	11 33	3 21	4 19	2 59	3 18	0 25	27 36	4 1	10 20	0 40	17 13	2 55	21 10	0 19	18 48	0 23	23 8	14 30	7 28	7 3	9 55			n.a.
M15	14 36	16 40	4 7	3 59	3 0	2 46	0 28	27 33	3 57	10 21	0 40	17 14	2 55	21 10	0 19	18 48	0 23	23 9	14 31	7 27	7 5	9 58			n.a.
T 16	14 17	21 13	4 42	3 42	3 0	2 14	0 31	27 30	3 54	10 21	0 40	17 16	2 55	21 10	0 19	18 48	0 23	23 9	14 31	7 27	7 6	10 1			n.a.
W17	13 58	24 57	5 6	3 27	2 58	1 42	0 33	27 28	3 51	10 21	0 40	17 17	2 55	21 10	0 19	18 48	0 23	23 10	14 31	7 27	7 7	10 5			n.a.
T 18	13 38	27 38	5 15	3 16	2 56	1 10	0 36	27 25	3 48	10 21	0 40	17 19	2 55	21 10	0 19	18 49	0 23	23 11	14 31	7 27	7 8	10 8			n.a.
F 19	13 18	29 1	5 11	3 7	2 53	0 38	0 39	27 22	3 44	10 21	0 40	17 20	2 55	21 11	0 19	18 49	0 23	23 11	14 31	7 27	7 10	10 11			n.a.
S 20	12 58	28 52	4 50	3 0	2 48	0 6	0 42	27 19	3 41	10 21	0 40	17 22	2 55	21 11	0 19	18 49	0 23	23 12	14 31	7 28	7 11	10 15			n.a.
S 21	12 38	27 3	4 14	2 57	2 43	0n26	0 45	27 15	3 38	10 21	0 40	17 23	2 55	21 11	0 19	18 49	0 23	23 13	14 31	7 29	7 12	10 18			n.a.
M22	12 18	23 36	3 22	2 56	2 37	0 58	0 48	27 12	3 35	10 21	0 40	17 24	2 55	21 11	0 19	18 49	0 23	23 13	14 31	7 29	7 13	10 21			n.a.
T 23	11 57	18 41	2 16	2 58	2 29	1 29	0 51	27 9	3 31	10 20	0 40	17 26	2 55	21 11	0 19	18 49	0 22	23 14	14 31	7 30	7 15	10 24			n.a.
W24	11 37	12 36	1 1	3 3	2 21	2 1	0 54	27 6	3 28	10 20	0 40	17 27	2 55	21 11	0 19	18 49	0 22	23 15	14 31	7 30	7 16	10 28			n.a.
T 25	11 16	5 45	0s20	3 11	2 11	2 33	0 57	27 2	3 25	10 20	0 40	17 29	2 55	21 11	0 19	18 50	0 22	23 15	14 31	7 30	7 17	10 31			n.a.
F 26	10 55	1s27	1 40	3 22	2 1	3 5	1 0	26 59	3 21	10 19	0 40	17 30	2 55	21 11	0 19	18 50	0 22	23 16	14 31	7 30	7 18	10 34			n.a.
S 27	10 34	8 34	2 54	3 35	1 49	3 36	1 3	26 55	3 18	10 19	0 40	17 31	2 55	21 12	0 19	18 50	0 22	23 16	14 30	7 30	7 20	10 38			n.a.
S 28	10 13	15 10	3 55	3 51	1 37	4 8	1 6	26 51	3 15	10 18	0 40	17 33	2 55	21 12	0 19	18 50	0 22	23 17	14 30	7 30	7 21	10 41			n.a.
M29	9 51	20 51	4 41	4 9	1 23	4 39	1 9	26 48	3 12	10 17	0 40	17 34	2 55	21 12	0 19	18 50	0 22	23 18	14 30	7 29	7 22	10 44			n.a.
T 30	9 29	25 15	5 8	4 30	1 9	5 11	1 11	26 44	3 9	10 16	0 40	17 35	2 55	21 12	0 19	18 51	0 22	23 18	14 30	7 29	7 23	10 47			n.a.
W31	9s 8	28s 5	5s17	4s52	0n54	5n42	1n14	26n40	3n 5	10s16	0n39	17n37	2n55	21n12	0n19	18n51	0s22	23n19	14n30	7s29	7s25	10n51			n.a.

Julian Day Number = 197294.5, Delta T = 32h16m49s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°24'03, Lahiri = -61°17'02 Julian Calendar 1 March 4173 BCE == Greg. Calendar 28 Jan. 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

APRIL 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 29 21	8♓ 5'59	25♐30	15°R31	12♈24	11♋42	27°R27	21°R 2	0♊49	23♉38	4°R59	11°R24	11♓33	19♈48	n.a.	T 1
F 2	10 33 18	9° 3'06	8♑49	15♓ 3	13°35	11°50	27♎24	20♌58	0°50	23°39	4♏57	11♓24	11°30	19°55	n.a.	F 2
S 3	10 37 15	10° 0'12	21°52	14°32	14°46	11°58	27°22	20°54	0°52	23°40	4°55	11°24	11°27	20° 2	n.a.	S 3
S 4	10 41 11	10°57'17	4♒40	14° 0	15°56	12° 7	27°18	20°50	0°53	23°40	4°54	11°D24	11°23	20° 8	n.a.	S 4
M 5	10 45 8	11°54'22	17°14	13°27	17° 7	12°17	27°15	20°46	0°54	23°41	4°52	11°24	11°20	20°15	n.a.	M 5
T 6	10 49 4	12°51'27	29°36	12°54	18°18	12°28	27°12	20°42	0°55	23°42	4°50	11°24	11°17	20°22	n.a.	T 6
W 7	10 53 1	13°48'31	11♓47	12°20	19°28	12°39	27° 8	20°38	0°57	23°43	4°49	11°R24	11°14	20°28	n.a.	W 7
T 8	10 56 57	14°45'34	23°50	11°47	20°38	12°51	27° 4	20°34	0°58	23°44	4°47	11°24	11°11	20°35	n.a.	T 8
F 9	11 0 54	15°42'36	5♈46	11°15	21°49	13° 4	27° 1	20°31	1° 0	23°45	4°45	11°23	11° 7	20°42	n.a.	F 9
S 10	11 4 51	16°39'39	17°37	10°45	22°59	13°17	26°56	20°27	1° 1	23°46	4°44	11°23	11° 4	20°48	n.a.	S 10
S 11	11 8 47	17°36'40	29°26	10°17	24° 9	13°31	26°52	20°23	1° 3	23°47	4°42	11°22	11° 1	20°55	n.a.	S 11
M12	11 12 44	18°33'41	11♉16	9°52	25°19	13°45	26°48	20°20	1° 5	23°49	4°41	11°21	10°58	21° 2	n.a.	M12
T 13	11 16 40	19°30'42	23°11	9°29	26°29	14° 0	26°43	20°16	1° 6	23°50	4°39	11°20	10°55	21° 8	n.a.	T 13
W14	11 20 37	20°27'42	5♊14	9°10	27°39	14°16	26°38	20°13	1° 8	23°51	4°37	11°19	10°52	21°15	n.a.	W14
T 15	11 24 33	21°24'41	17°30	8°55	28°49	14°32	26°34	20° 9	1°10	23°52	4°36	11°D19	10°48	21°22	n.a.	T 15
F 16	11 28 30	22°21'40	0♋ 2	8°44	29°59	14°49	26°29	20° 6	1°12	23°53	4°34	11°19	10°45	21°28	n.a.	F 16
S 17	11 32 27	23°18'39	12°55	8°38	1♉ 8	15° 6	26°23	20° 2	1°14	23°55	4°33	11°20	10°42	21°35	n.a.	S 17
S 18	11 36 23	24°15'37	26°13	8°D36	2°18	15°24	26°18	19°59	1°16	23°56	4°31	11°21	10°39	21°42	n.a.	S 18
M19	11 40 20	25°12'34	9♌56	8°38	3°27	15°43	26°13	19°56	1°18	23°57	4°30	11°22	10°36	21°48	n.a.	M19
T 20	11 44 16	26° 9'31	24° 6	8°45	4°37	16° 1	26° 7	19°53	1°20	23°59	4°28	11°23	10°33	21°55	n.a.	T 20
W21	11 48 13	27° 6'28	8♍40	8°56	5°46	16°21	26° 1	19°50	1°22	24° 0	4°27	11°R23	10°29	22° 2	n.a.	W21
T 22	11 52 9	28° 3'25	23°33	9°13	6°55	16°41	25°55	19°47	1°24	24° 1	4°25	11°23	10°26	22° 9	n.a.	T 22
F 23	11 56 6	29° 0'21	8♎37	9°34	8° 5	17° 1	25°49	19°44	1°26	24° 3	4°24	11°22	10°23	22°15	n.a.	F 23
S 24	12 0 3	29°57'18	23°45	10° 0	9°14	17°22	25°43	19°41	1°28	24° 4	4°22	11°20	10°20	22°22	n.a.	S 24
S 25	12 3 59	0♈54'15	8♏47	10°30	10°22	17°44	25°37	19°38	1°30	24° 6	4°21	11°18	10°17	22°29	n.a.	S 25
M26	12 7 56	1°51'12	23°34	11° 6	11°31	18° 5	25°31	19°36	1°33	24° 7	4°19	11°15	10°13	22°35	n.a.	M26
T 27	12 11 52	2°48'10	8♐ 0	11°46	12°40	18°28	25°24	19°33	1°35	24° 9	4°18	11°13	10°10	22°42	n.a.	T 27
W28	12 15 49	3°45'08	22° 2	12°30	13°49	18°50	25°18	19°30	1°37	24°10	4°17	11°12	10° 7	22°49	n.a.	W28
T 29	12 19 45	4°42'07	5♑39	13°19	14°57	19°14	25°11	19°28	1°40	24°12	4°15	11°D11	10° 4	22°55	n.a.	T 29
F 30	12 23 42	5♈39'06	18♑53	14♓12	16♉ 6	19♋37	25♎ 4	19♌26	1♊42	24♉13	4♏14	11♓12	10♓ 1	23♈ 2	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s46	29s10	5s 7	5s16	0n39	6n13	1n17	26n36	3n 2	10s15	0n39	17n38	2n55	21n13	0n19	18n51	0s22	23n19	14n30	7s29	7s26	10n54		n.a.
F 2	8 24	28 30	4 42	5 42	0 23	6 44	1 20	26 33	2 59	10 14	0 39	17 39	2 54	21 13	0 19	18 51	0 22	23 20	14 30	7 29	7 27	10 57		n.a.
S 3	8 2	26 15	4 1	6 9	0 7	7 14	1 22	26 29	2 56	10 13	0 39	17 41	2 54	21 13	0 19	18 52	0 22	23 20	14 30	7 29	7 28	11 0		n.a.
S 4	7 40	22 42	3 10	6 37	0s10	7 45	1 25	26 25	2 53	10 12	0 39	17 42	2 54	21 13	0 19	18 52	0 22	23 21	14 30	7 29	7 30	11 4		n.a.
M 5	7 17	18 10	2 10	7 5	0 27	8 15	1 28	26 21	2 49	10 11	0 39	17 43	2 54	21 14	0 19	18 52	0 22	23 21	14 30	7 29	7 31	11 7		n.a.
T 6	6 55	12 57	1 5	7 34	0 43	8 45	1 30	26 16	2 46	10 9	0 39	17 44	2 54	21 14	0 19	18 52	0 22	23 22	14 30	7 29	7 32	11 10		n.a.
W 7	6 32	7 18	0n 2	8 2	0 59	9 15	1 33	26 12	2 43	10 8	0 39	17 45	2 54	21 14	0 19	18 53	0 22	23 22	14 29	7 29	7 33	11 13		n.a.
T 8	6 10	1 28	1 8	8 30	1 15	9 45	1 35	26 8	2 40	10 7	0 39	17 47	2 54	21 15	0 19	18 53	0 22	23 23	14 29	7 29	7 35	11 16		n.a.
F 9	5 47	4n21	2 11	8 56	1 31	10 14	1 38	26 4	2 37	10 5	0 39	17 48	2 54	21 15	0 19	18 53	0 22	23 23	14 29	7 30	7 36	11 20		n.a.
S 10	5 25	9 59	3 8	9 22	1 46	10 44	1 40	25 59	2 34	10 4	0 39	17 49	2 54	21 15	0 19	18 53	0 22	23 24	14 29	7 30	7 37	11 23		n.a.
S 11	5 2	15 14	3 56	9 46	2 0	11 12	1 43	25 55	2 31	10 3	0 39	17 50	2 54	21 16	0 19	18 54	0 22	23 24	14 29	7 30	7 38	11 26		n.a.
M12	4 39	19 58	4 34	10 8	2 13	11 41	1 45	25 50	2 28	10 1	0 39	17 51	2 53	21 16	0 19	18 54	0 22	23 25	14 29	7 30	7 39	11 29		n.a.
T 13	4 16	23 56	5 1	10 28	2 25	12 10	1 47	25 46	2 25	9 59	0 39	17 52	2 53	21 16	0 19	18 54	0 22	23 25	14 28	7 31	7 41	11 33		n.a.
W14	3 53	26 56	5 15	10 45	2 36	12 38	1 50	25 41	2 22	9 58	0 39	17 53	2 53	21 17	0 19	18 55	0 22	23 26	14 28	7 31	7 42	11 36		n.a.
T 15	3 30	28 44	5 15	11 0	2 46	13 5	1 52	25 37	2 20	9 56	0 38	17 54	2 53	21 17	0 19	18 55	0 22	23 26	14 28	7 31	7 43	11 39		n.a.
F 16	3 7	29 7	5 0	11 13	2 55	13 33	1 54	25 32	2 17	9 54	0 38	17 55	2 53	21 17	0 19	18 55	0 22	23 26	14 28	7 31	7 44	11 42		n.a.
S 17	2 44	27 57	4 30	11 23	3 3	14 0	1 56	25 27	2 14	9 52	0 38	17 56	2 53	21 18	0 19	18 56	0 22	23 27	14 27	7 31	7 46	11 45		n.a.
S 18	2 20	25 11	3 45	11 30	3 10	14 27	1 58	25 22	2 11	9 50	0 38	17 57	2 53	21 18	0 19	18 56	0 22	23 27	14 27	7 31	7 47	11 49		n.a.
M19	1 57	20 54	2 45	11 34	3 16	14 53	2 0	25 17	2 8	9 48	0 38	17 58	2 52	21 19	0 19	18 56	0 22	23 28	14 27	7 30	7 48	11 52		n.a.
T 20	1 34	15 20	1 34	11 35	3 20	15 19	2 1	25 12	2 5	9 46	0 38	17 59	2 52	21 19	0 19	18 57	0 22	23 28	14 27	7 30	7 49	11 55		n.a.
W21	1 11	8 47	0 15	11 34	3 23	15 45	2 3	25 7	2 3	9 44	0 38	18 0	2 52	21 19	0 19	18 57	0 22	23 28	14 26	7 30	7 51	11 58		n.a.
T 22	0 48	1 37	1s 7	11 30	3 26	16 10	2 5	25 2	2 0	9 42	0 38	18 0	2 52	21 20	0 19	18 58	0 22	23 29	14 26	7 30	7 52	12 1		n.a.
F 23	0 24	5s43	2 25	11 23	3 27	16 35	2 7	24 56	1 57	9 40	0 38	18 1	2 52	21 20	0 19	18 58	0 22	23 29	14 26	7 30	7 53	12 5		n.a.
S 24	0 1	12 45	3 33	11 13	3 27	16 59	2 8	24 51	1 55	9 38	0 38	18 2	2 51	21 21	0 19	18 58	0 22	23 29	14 26	7 31	7 54	12 8		n.a.
S 25	0n22	19 0	4 26	11 0	3 26	17 23	2 10	24 45	1 52	9 36	0 37	18 3	2 51	21 21	0 19	18 59	0 22	23 30	14 25	7 32	7 56	12 11		n.a.
M26	0 45	24 1	5 0	10 44	3 24	17 47	2 11	24 40	1 49	9 34	0 37	18 3	2 51	21 22	0 19	18 59	0 22	23 30	14 25	7 33	7 57	12 14		n.a.
T 27	1 9	27 26	5 14	10 26	3 21	18 10	2 12	24 34	1 47	9 31	0 37	18 4	2 51	21 22	0 19	19 0	0 22	23 30	14 25	7 34	7 58	12 17		n.a.
W28	1 32	29 1	5 9	10 5	3 18	18 33	2 13	24 28	1 44	9 29	0 37	18 5	2 51	21 23	0 19	19 0	0 22	23 30	14 24	7 34	7 59	12 20		n.a.
T 29	1 55	28 46	4 47	9 42	3 13	18 55	2 15	24 22	1 42	9 26	0 37	18 5	2 51	21 23	0 19	19 0	0 22	23 31	14 24	7 34	8 0	12 24		n.a.
F 30	2n18	26s51	4s 9	9s16	3s 8	19n17	2n16	24n16	1n39	9s24	0n37	18n 6	2n50	21n24	0n19	19n 1	0s22	23n31	14n24	7s34	8s 2	12n27		n.a.

Julian Day Number = 197325.5, Delta T = 32h16m46s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'59, Lahiri = -61°16'58 Julian Calendar 1 Apr. 4173 BCE == Greg. Calendar 28 Feb. 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

MAY 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 27 39	6♈36'06	1♒45	15♓10	17♉14	20♋ 1	24°R57	19°R23	1♊45	24♉15	4°R13	11♓13	9♓58	23♈ 9	n.a.	S 1
S 2	12 31 35	7°33'06	14°19	16°11	18°22	20°26	24♎50	19♑21	1°47	24°17	4♍11	11°15	9°54	23°15	n.a.	S 2
M 3	12 35 32	8°30'07	26°39	17°18	19°30	20°51	24°43	19°19	1°50	24°18	4°10	11°16	9°51	23°22	n.a.	M 3
T 4	12 39 28	9°27'08	8♓47	18°28	20°38	21°16	24°36	19°17	1°52	24°20	4° 9	11°R17	9°48	23°29	n.a.	T 4
W 5	12 43 25	10°24'10	20°47	19°42	21°46	21°41	24°29	19°15	1°55	24°22	4° 8	11°16	9°45	23°35	n.a.	W 5
T 6	12 47 21	11°21'12	2♈41	21° 1	22°54	22° 7	24°21	19°13	1°58	24°23	4° 6	11°15	9°42	23°42	n.a.	T 6
F 7	12 51 18	12°18'15	14°32	22°23	24° 2	22°34	24°14	19°11	2° 0	24°25	4° 5	11°11	9°38	23°49	n.a.	F 7
S 8	12 55 15	13°15'18	26°21	23°49	25° 9	23° 1	24° 7	19° 9	2° 3	24°27	4° 4	11° 7	9°35	23°55	n.a.	S 8
S 9	12 59 11	14°12'22	8♉11	25°20	26°17	23°28	23°59	19° 8	2° 6	24°29	4° 3	11° 1	9°32	24° 2	n.a.	S 9
M10	13 3 8	15° 9'27	20° 3	26°54	27°24	23°55	23°52	19° 6	2° 9	24°31	4° 2	10°55	9°29	24° 9	n.a.	M10
T 11	13 7 4	16° 6'32	2♊ 1	28°31	28°31	24°23	23°44	19° 5	2°12	24°32	4° 0	10°49	9°26	24°15	n.a.	T 11
W12	13 11 1	17° 3'37	14° 6	0♈12	29°38	24°51	23°36	19° 3	2°14	24°34	3°59	10°44	9°23	24°22	n.a.	W12
T 13	13 14 58	18° 0'43	26°23	1°57	0♊45	25°20	23°29	19° 2	2°17	24°36	3°58	10°41	9°19	24°29	n.a.	T 13
F 14	13 18 54	18°57'50	8♋54	3°45	1°52	25°49	23°21	19° 1	2°20	24°38	3°57	10°39	9°16	24°36	n.a.	F 14
S 15	13 22 51	19°54'56	21°43	5°35	2°58	26°18	23°13	19° 0	2°23	24°40	3°56	10°D38	9°13	24°42	n.a.	S 15
S 16	13 26 47	20°52'04	4♌53	7°29	4° 5	26°47	23° 6	18°59	2°26	24°42	3°55	10°39	9°10	24°49	n.a.	S 16
M17	13 30 44	21°49'12	18°29	9°25	5°11	27°17	22°58	18°58	2°29	24°44	3°54	10°40	9° 7	24°56	n.a.	M17
T 18	13 34 40	22°46'20	2♍31	11°24	6°17	27°47	22°50	18°57	2°32	24°46	3°53	10°41	9° 4	25° 2	n.a.	T 18
W19	13 38 37	23°43'29	17° 0	13°24	7°23	28°18	22°43	18°56	2°36	24°48	3°52	10°R41	9° 0	25° 9	n.a.	W19
T 20	13 42 34	24°40'39	1♎52	15°27	8°29	28°49	22°35	18°56	2°39	24°50	3°52	10°40	8°57	25°16	n.a.	T 20
F 21	13 46 30	25°37'50	17° 1	17°30	9°34	29°20	22°27	18°55	2°42	24°52	3°51	10°36	8°54	25°22	n.a.	F 21
S 22	13 50 27	26°35'01	2♏17	19°35	10°40	29°51	22°19	18°55	2°45	24°54	3°50	10°31	8°51	25°29	n.a.	S 22
S 23	13 54 23	27°32'14	17°31	21°41	11°45	0♌22	22°12	18°54	2°48	24°56	3°49	10°24	8°48	25°36	n.a.	S 23
M24	13 58 20	28°29'28	2♐32	23°47	12°50	0°54	22° 4	18°54	2°51	24°58	3°48	10°17	8°44	25°42	n.a.	M24
T 25	14 2 16	29°26'43	17°11	25°53	13°55	1°26	21°57	18°54	2°55	25° 0	3°48	10°11	8°41	25°49	n.a.	T 25
W26	14 6 13	0♑24'00	1♑23	28° 0	14°59	1°59	21°49	18°D54	2°58	25° 2	3°47	10° 6	8°38	25°56	n.a.	W26
T 27	14 10 10	1°21'18	15° 6	0♒ 6	16° 4	2°31	21°41	18°54	3° 1	25° 4	3°46	10° 3	8°35	26° 2	n.a.	T 27
F 28	14 14 6	2°18'37	28°21	2°11	17° 8	3° 4	21°34	18°54	3° 5	25° 6	3°46	10°D 1	8°32	26° 9	n.a.	F 28
S 29	14 18 3	3°15'58	11♒11	4°16	18°12	3°37	21°27	18°54	3° 8	25° 8	3°45	10° 1	8°29	26°16	n.a.	S 29
S 30	14 21 59	4°13'21	23°40	6°20	19°16	4°10	21°19	18°55	3°11	25°10	3°44	10° 2	8°25	26°23	n.a.	S 30
M31	14 25 56	5♉10'45	5♓52	8♉23	20♊19	4♌44	21♎12	18♌55	3♊15	25♉12	3♍44	10°R 3	8♓22	26♈29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n42	23s35	3s20	8s47	3s 2	19n38	2n17	24n10	1n37	9s22	0n37	18n 6	2n50	21n24	0n19	19n 1	0s22	23n31	14n23	7s34	8s 3	12n30		n.a.
S 2	3 5	19 16	2 23	8 17	2 55	19 59	2 17	24 4	1 34	9 19	0 37	18 7	2 50	21 25	0 19	19 2	0 21	23 31	14 23	7 33	8 4	12 33		n.a.
M 3	3 28	14 13	1 20	7 43	2 48	20 19	2 18	23 58	1 32	9 17	0 36	18 7	2 50	21 25	0 19	19 2	0 21	23 31	14 23	7 32	8 5	12 36		n.a.
T 4	3 51	8 43	0 14	7 8	2 40	20 38	2 19	23 51	1 30	9 14	0 36	18 8	2 49	21 26	0 19	19 3	0 21	23 32	14 22	7 32	8 7	12 39		n.a.
W 5	4 14	2 58	0n52	6 30	2 31	20 58	2 19	23 45	1 27	9 11	0 36	18 8	2 49	21 26	0 19	19 3	0 21	23 32	14 22	7 32	8 8	12 43		n.a.
T 6	4 37	2n50	1 54	5 50	2 22	21 16	2 20	23 38	1 25	9 9	0 36	18 9	2 49	21 27	0 19	19 3	0 21	23 32	14 22	7 33	8 9	12 46		n.a.
F 7	5 0	8 30	2 52	5 7	2 12	21 34	2 20	23 31	1 22	9 6	0 36	18 9	2 49	21 27	0 19	19 4	0 21	23 32	14 21	7 34	8 10	12 49		n.a.
S 8	5 23	13 52	3 41	4 23	2 2	21 52	2 21	23 24	1 20	9 3	0 36	18 10	2 49	21 28	0 19	19 4	0 21	23 32	14 21	7 36	8 12	12 52		n.a.
S 9	5 45	18 44	4 22	3 37	1 52	22 9	2 21	23 17	1 18	9 1	0 36	18 10	2 48	21 29	0 19	19 5	0 21	23 32	14 21	7 38	8 13	12 55		n.a.
M10	6 8	22 54	4 50	2 48	1 41	22 25	2 21	23 10	1 16	8 58	0 35	18 10	2 48	21 29	0 19	19 5	0 21	23 32	14 20	7 41	8 14	12 58		n.a.
T 11	6 31	26 9	5 7	1 58	1 30	22 41	2 21	23 3	1 13	8 55	0 35	18 10	2 48	21 30	0 19	19 6	0 21	23 32	14 20	7 43	8 15	13 1		n.a.
W12	6 53	28 16	5 10	1 6	1 18	22 56	2 21	22 56	1 11	8 53	0 35	18 11	2 48	21 30	0 19	19 6	0 21	23 32	14 19	7 45	8 16	13 5		n.a.
T 13	7 15	29 3	4 59	0 13	1 7	23 10	2 20	22 48	1 9	8 50	0 35	18 11	2 47	21 31	0 19	19 7	0 21	23 32	14 19	7 46	8 18	13 8		n.a.
F 14	7 38	28 22	4 34	0n41	0 55	23 24	2 20	22 40	1 7	8 47	0 35	18 11	2 47	21 32	0 19	19 7	0 21	23 32	14 18	7 47	8 19	13 11		n.a.
S 15	8 0	26 10	3 55	1 37	0 43	23 37	2 19	22 33	1 5	8 44	0 35	18 11	2 47	21 32	0 19	19 8	0 21	23 32	14 18	7 47	8 20	13 14		n.a.
S 16	8 22	22 31	3 2	2 34	0 32	23 50	2 19	22 25	1 2	8 42	0 34	18 11	2 47	21 33	0 19	19 8	0 21	23 32	14 18	7 47	8 21	13 17		n.a.
M17	8 44	17 34	1 57	3 32	0 20	24 2	2 18	22 17	1 0	8 39	0 34	18 11	2 46	21 33	0 19	19 9	0 21	23 32	14 17	7 46	8 23	13 20		n.a.
T 18	9 6	11 33	0 44	4 30	0 9	24 13	2 17	22 8	0 58	8 36	0 34	18 11	2 46	21 34	0 19	19 9	0 21	23 32	14 17	7 46	8 24	13 23		n.a.
W19	9 28	4 45	0s34	5 29	0n 3	24 24	2 16	22 0	0 56	8 33	0 34	18 11	2 46	21 35	0 19	19 10	0 21	23 32	14 16	7 46	8 25	13 26		n.a.
T 20	9 49	2s28	1 52	6 27	0 14	24 34	2 15	21 52	0 54	8 30	0 34	18 11	2 46	21 35	0 19	19 10	0 21	23 32	14 16	7 47	8 26	13 29		n.a.
F 21	10 11	9 40	3 3	7 26	0 24	24 43	2 14	21 43	0 52	8 28	0 34	18 11	2 46	21 36	0 19	19 11	0 21	23 32	14 15	7 48	8 28	13 33		n.a.
S 22	10 32	16 23	4 2	8 24	0 34	24 52	2 13	21 34	0 50	8 25	0 33	18 11	2 45	21 37	0 19	19 11	0 21	23 32	14 15	7 50	8 29	13 36		n.a.
S 23	10 53	22 3	4 43	9 21	0 44	25 0	2 11	21 25	0 48	8 22	0 33	18 11	2 45	21 37	0 19	19 12	0 21	23 32	14 14	7 53	8 30	13 39		n.a.
M24	11 14	26 13	5 5	10 18	0 53	25 7	2 10	21 16	0 46	8 19	0 33	18 11	2 45	21 38	0 19	19 12	0 21	23 32	14 14	7 55	8 31	13 42		n.a.
T 25	11 35	28 32	5 5	11 13	1 1	25 14	2 8	21 7	0 44	8 17	0 33	18 11	2 45	21 38	0 19	19 13	0 21	23 32	14 13	7 58	8 32	13 45		n.a.
W26	11 56	28 53	4 47	12 8	1 9	25 20	2 6	20 58	0 42	8 14	0 33	18 10	2 44	21 39	0 19	19 13	0 21	23 31	14 13	8 0	8 34	13 48		n.a.
T 27	12 16	27 24	4 12	13 0	1 16	25 25	2 4	20 48	0 40	8 11	0 32	18 10	2 44	21 40	0 19	19 14	0 21	23 31	14 13	8 1	8 35	13 51		n.a.
F 28	12 37	24 25	3 25	13 52	1 23	25 30	2 2	20 39	0 38	8 9	0 32	18 10	2 44	21 40	0 19	19 14	0 21	23 31	14 12	8 2	8 36	13 54		n.a.
S 29	12 57	20 17	2 29	14 41	1 29	25 34	2 0	20 29	0 36	8 6	0 32	18 10	2 44	21 41	0 19	19 15	0 21	23 31	14 12	8 1	8 37	13 57		n.a.
S 30	13 17	15 22	1 27	15 29	1 34	25 37	1 57	20 19	0 35	8 3	0 32	18 9	2 43	21 42	0 19	19 15	0 21	23 31	14 11	8 1	8 39	14 0		n.a.
M31	13n37	9s58	0s22	16n15	1n38	25n39	1n55	20n 9	0n33	8s 1	0n32	18n 9	2n43	21n42	0n19	19n16	0s21	23n30	14n11	8s 1	8s40	14n 3		n.a.

Julian Day Number = 197355.5, Delta T = 32h16m43s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'54, Lahiri = -61°16'54 Julian Calendar 1 May 4173 BCE == Greg. Calendar 29 March 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

JUNE 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 29 52	6♉ 8'10	17♓53	10♉24	21♊23	5♌18	21°R 5	18♌56	3♊18	25♉14	3°R43	10°R 3	8♓19	26♈36	n.a.	T 1
W 2	14 33 49	7° 5'37	29°46	12°25	22°26	5°52	20♎57	18°56	3°22	25°16	3♍43	10♓ 1	8°16	26°43	n.a.	W 2
T 3	14 37 46	8° 3'05	11♈36	14°24	23°29	6°26	20°50	18°57	3°25	25°19	3°42	9°56	8°13	26°49	n.a.	T 3
F 4	14 41 42	9° 0'35	23°25	16°22	24°31	7° 1	20°43	18°58	3°29	25°21	3°42	9°49	8°10	26°56	n.a.	F 4
S 5	14 45 39	9°58'07	5♉15	18°18	25°34	7°36	20°36	18°59	3°32	25°23	3°41	9°40	8° 6	27° 3	n.a.	S 5
S 6	14 49 35	10°55'40	17° 9	20°13	26°36	8°11	20°30	18°59	3°36	25°25	3°41	9°29	8° 3	27° 9	n.a.	S 6
M 7	14 53 32	11°53'14	29° 7	22° 6	27°38	8°46	20°23	19° 1	3°39	25°27	3°41	9°18	8° 0	27°16	n.a.	M 7
T 8	14 57 28	12°50'50	11♊12	23°58	28°39	9°21	20°16	19° 2	3°43	25°29	3°40	9° 6	7°57	27°23	n.a.	T 8
W 9	15 1 25	13°48'28	23°25	25°49	29°41	9°57	20°10	19° 3	3°46	25°32	3°40	8°56	7°54	27°29	n.a.	W 9
T 10	15 5 22	14°46'07	5♋48	27°38	0♋42	10°33	20° 3	19° 4	3°50	25°34	3°40	8°48	7°50	27°36	n.a.	T 10
F 11	15 9 18	15°43'47	18°22	29°25	1°42	11° 9	19°57	19° 6	3°54	25°36	3°40	8°42	7°47	27°43	n.a.	F 11
S 12	15 13 15	16°41'29	1♌12	1♊11	2°43	11°45	19°51	19° 7	3°57	25°38	3°40	8°39	7°44	27°50	n.a.	S 12
S 13	15 17 11	17°39'11	14°19	2°56	3°43	12°21	19°45	19° 9	4° 1	25°40	3°39	8°D38	7°41	27°56	n.a.	S 13
M14	15 21 8	18°36'56	27°48	4°39	4°42	12°58	19°39	19°11	4° 5	25°43	3°39	8°38	7°38	28° 3	n.a.	M14
T 15	15 25 4	19°34'41	11♍39	6°21	5°42	13°35	19°33	19°12	4° 8	25°45	3°39	8°R39	7°35	28°10	n.a.	T 15
W16	15 29 1	20°32'28	25°55	8° 1	6°41	14°12	19°28	19°14	4°12	25°47	3°39	8°38	7°31	28°16	n.a.	W16
T 17	15 32 58	21°30'17	10♎34	9°40	7°39	14°49	19°22	19°16	4°16	25°49	3°D39	8°34	7°28	28°23	n.a.	T 17
F 18	15 36 54	22°28'07	25°32	11°18	8°37	15°26	19°17	19°18	4°19	25°51	3°39	8°29	7°25	28°30	n.a.	F 18
S 19	15 40 51	23°25'58	10♏41	12°54	9°35	16° 4	19°12	19°21	4°23	25°54	3°39	8°21	7°22	28°36	n.a.	S 19
S 20	15 44 47	24°23'52	25°52	14°29	10°32	16°42	19° 7	19°23	4°27	25°56	3°39	8°11	7°19	28°43	n.a.	S 20
M21	15 48 44	25°21'48	10♐55	16° 2	11°29	17°20	19° 2	19°25	4°30	25°58	3°40	8° 0	7°15	28°50	n.a.	M21
T 22	15 52 40	26°19'45	25°38	17°34	12°26	17°58	18°57	19°28	4°34	26° 0	3°40	7°50	7°12	28°56	n.a.	T 22
W23	15 56 37	27°17'44	9♑57	19° 4	13°21	18°36	18°52	19°30	4°38	26° 3	3°40	7°41	7° 9	29° 3	n.a.	W23
T 24	16 0 33	28°15'46	23°46	20°33	14°17	19°14	18°48	19°33	4°42	26° 5	3°40	7°35	7° 6	29°10	n.a.	T 24
F 25	16 4 30	29°13'50	7♒ 5	22° 1	15°12	19°53	18°44	19°36	4°45	26° 7	3°40	7°31	7° 3	29°17	n.a.	F 25
S 26	16 8 27	0♊11'56	19°58	23°27	16° 6	20°31	18°40	19°38	4°49	26° 9	3°41	7°30	7° 0	29°23	n.a.	S 26
S 27	16 12 23	1°10'04	2♓27	24°52	17° 0	21°10	18°36	19°41	4°53	26°12	3°41	7°30	6°56	29°30	n.a.	S 27
M28	16 16 20	2° 8'14	14°39	26°15	17°53	21°49	18°32	19°44	4°57	26°14	3°41	7°30	6°53	29°37	n.a.	M28
T 29	16 20 16	3° 6'26	26°38	27°37	18°46	22°28	18°28	19°47	5° 0	26°16	3°42	7°29	6°50	29°43	n.a.	T 29
W30	16 24 13	4♊ 4'41	8♈29	28♊57	19♋38	23♌ 8	18♎25	19♌50	5♊ 4	26♉18	3♍42	7♓26	6♓47	29♈50	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n56	4s17	0n42	16n58	1n42	25n41	1n52	19n59	0n31	7s58	0n31	18n 8	2n43	21n43	0n19	19n17	0s21	23n30	14n10	8s 1	8s41	14n 6		n.a.
W 2	14 16	1n29	1 44	17 40	1 46	25 43	1 49	19 48	0 29	7 55	0 31	18 8	2 42	21 44	0 19	19 17	0 21	23 30	14 10	8 2	8 42	14 10		n.a.
T 3	14 35	7 9	2 40	18 20	1 48	25 43	1 46	19 38	0 27	7 53	0 31	18 8	2 42	21 45	0 19	19 18	0 21	23 30	14 9	8 3	8 43	14 13		n.a.
F 4	14 54	12 35	3 30	18 57	1 50	25 43	1 43	19 27	0 25	7 50	0 31	18 7	2 42	21 45	0 19	19 18	0 21	23 29	14 9	8 6	8 45	14 16		n.a.
S 5	15 13	17 33	4 11	19 33	1 52	25 42	1 40	19 16	0 24	7 48	0 31	18 7	2 42	21 46	0 19	19 19	0 21	23 29	14 8	8 10	8 46	14 19		n.a.
S 6	15 31	21 54	4 40	20 6	1 53	25 41	1 36	19 5	0 22	7 45	0 30	18 6	2 41	21 47	0 19	19 19	0 21	23 29	14 8	8 14	8 47	14 22		n.a.
M 7	15 50	25 22	4 58	20 37	1 53	25 39	1 33	18 54	0 20	7 43	0 30	18 5	2 41	21 47	0 19	19 20	0 21	23 28	14 7	8 18	8 48	14 25		n.a.
T 8	16 8	27 45	5 2	21 7	1 53	25 36	1 29	18 43	0 19	7 41	0 30	18 5	2 41	21 48	0 19	19 20	0 21	23 28	14 6	8 23	8 50	14 28		n.a.
W 9	16 26	28 50	4 53	21 34	1 52	25 32	1 25	18 32	0 17	7 38	0 30	18 4	2 41	21 49	0 19	19 21	0 21	23 28	14 6	8 27	8 51	14 31		n.a.
T 10	16 43	28 29	4 30	21 59	1 51	25 28	1 21	18 20	0 15	7 36	0 29	18 3	2 40	21 49	0 19	19 22	0 21	23 27	14 5	8 30	8 52	14 34		n.a.
F 11	17 1	26 40	3 54	22 22	1 49	25 24	1 17	18 8	0 14	7 34	0 29	18 3	2 40	21 50	0 19	19 22	0 21	23 27	14 5	8 32	8 53	14 37		n.a.
S 12	17 18	23 27	3 5	22 43	1 46	25 18	1 13	17 56	0 12	7 32	0 29	18 2	2 40	21 51	0 19	19 23	0 21	23 26	14 4	8 33	8 54	14 40		n.a.
S 13	17 35	18 59	2 5	23 2	1 44	25 12	1 9	17 44	0 10	7 30	0 29	18 1	2 40	21 52	0 19	19 23	0 21	23 26	14 4	8 34	8 56	14 43		n.a.
M14	17 51	13 28	0 57	23 19	1 41	25 6	1 4	17 32	0 9	7 28	0 29	18 0	2 39	21 52	0 19	19 24	0 21	23 25	14 3	8 34	8 57	14 46		n.a.
T 15	18 7	7 9	0s16	23 34	1 37	24 59	0 59	17 20	0 7	7 26	0 28	18 0	2 39	21 53	0 19	19 24	0 21	23 25	14 3	8 33	8 58	14 49		n.a.
W16	18 23	0 18	1 30	23 48	1 33	24 51	0 54	17 7	0 5	7 24	0 28	17 59	2 39	21 54	0 19	19 25	0 21	23 25	14 2	8 34	8 59	14 52		n.a.
T 17	18 39	6s45	2 40	23 59	1 29	24 42	0 49	16 55	0 4	7 22	0 28	17 58	2 39	21 54	0 19	19 25	0 21	23 24	14 2	8 35	9 0	14 55		n.a.
F 18	18 54	13 33	3 41	24 9	1 24	24 34	0 44	16 42	0 2	7 20	0 28	17 57	2 38	21 55	0 19	19 26	0 21	23 24	14 1	8 37	9 2	14 58		n.a.
S 19	19 9	19 39	4 27	24 17	1 19	24 24	0 39	16 29	0 1	7 18	0 27	17 56	2 38	21 56	0 19	19 27	0 21	23 23	14 1	8 40	9 3	15 1		n.a.
S 20	19 24	24 31	4 54	24 24	1 13	24 14	0 33	16 16	0s 1	7 16	0 27	17 55	2 38	21 57	0 19	19 27	0 21	23 22	14 0	8 44	9 4	15 4		n.a.
M21	19 39	27 40	5 0	24 29	1 7	24 4	0 27	16 3	0 2	7 14	0 27	17 54	2 38	21 57	0 19	19 28	0 21	23 22	13 59	8 48	9 5	15 7		n.a.
T 22	19 53	28 49	4 47	24 32	1 1	23 52	0 21	15 49	0 4	7 13	0 27	17 53	2 37	21 58	0 19	19 28	0 21	23 21	13 59	8 52	9 7	15 10		n.a.
W23	20 6	27 58	4 15	24 34	0 55	23 41	0 15	15 36	0 5	7 11	0 27	17 52	2 37	21 59	0 19	19 29	0 21	23 21	13 58	8 55	9 8	15 13		n.a.
T 24	20 20	25 23	3 29	24 34	0 48	23 29	0 9	15 22	0 7	7 10	0 26	17 51	2 37	21 59	0 19	19 29	0 21	23 20	13 58	8 58	9 9	15 16		n.a.
F 25	20 33	21 29	2 33	24 33	0 41	23 16	0 3	15 8	0 8	7 8	0 26	17 50	2 37	22 0	0 19	19 30	0 21	23 20	13 57	8 59	9 10	15 19		n.a.
S 26	20 46	16 41	1 31	24 31	0 34	23 3	0s 4	14 54	0 9	7 7	0 26	17 49	2 36	22 1	0 19	19 30	0 21	23 19	13 57	9 0	9 11	15 22		n.a.
S 27	20 58	11 18	0 27	24 28	0 27	22 50	0 10	14 40	0 11	7 6	0 26	17 47	2 36	22 2	0 19	19 31	0 21	23 18	13 56	9 0	9 13	15 25		n.a.
M28	21 10	5 38	0n38	24 23	0 19	22 36	0 17	14 26	0 12	7 4	0 25	17 46	2 36	22 2	0 19	19 31	0 20	23 18	13 56	9 0	9 14	15 28		n.a.
T 29	21 22	0n 8	1 39	24 17	0 11	22 22	0 24	14 12	0 14	7 3	0 25	17 45	2 36	22 3	0 19	19 32	0 20	23 17	13 55	9 0	9 15	15 31		n.a.
W30	21n34	5n50	2n36	24n10	0n 3	22n 7	0s31	13n57	0s15	7s 2	0n25	17n44	2n36	22n 4	0n19	19n33	0s20	23n16	13n55	9s 1	9s16	15n34		n.a.

Julian Day Number = 197386.5, Delta T = 32h16m39s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'50, Lahiri = -61°16'50 Julian Calendar 1 June 4173 BCE == Greg. Calendar 29 Apr. 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

JULY 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 28 9	5♊ 2'58	20♈18	0♋16	20♋30	23♌47	18°R22	19♌54	5♊ 8	26♉20	3♍43	7°R20	6♓44	29♈57	n.a.	T 1
F 2	16 32 6	6° 1'17	2♉ 8	1°33	21°21	24°27	18♎19	19°57	5°12	26°23	3°43	7♓11	6°41	0♉ 3	n.a.	F 2
S 3	16 36 2	6°59'39	14° 1	2°48	22°11	25° 7	18°16	20° 0	5°15	26°25	3°44	7° 0	6°37	0°10	n.a.	S 3
S 4	16 39 59	7°58'03	26° 2	4° 2	23° 0	25°46	18°13	20° 4	5°19	26°27	3°44	6°47	6°34	0°17	n.a.	S 4
M 5	16 43 56	8°56'29	8♊10	5°13	23°49	26°26	18°11	20° 7	5°23	26°29	3°45	6°33	6°31	0°24	n.a.	M 5
T 6	16 47 52	9°54'57	20°27	6°23	24°37	27° 7	18° 8	20°11	5°27	26°31	3°46	6°19	6°28	0°30	n.a.	T 6
W 7	16 51 49	10°53'27	2♋53	7°31	25°25	27°47	18° 6	20°15	5°30	26°34	3°46	6° 7	6°25	0°37	n.a.	W 7
T 8	16 55 45	11°51'59	15°29	8°36	26°11	28°27	18° 4	20°18	5°34	26°36	3°47	5°57	6°21	0°44	n.a.	T 8
F 9	16 59 42	12°50'34	28°16	9°39	26°57	29° 8	18° 3	20°22	5°38	26°38	3°48	5°50	6°18	0°50	n.a.	F 9
S 10	17 3 38	13°49'10	11♌14	10°40	27°41	29°49	18° 1	20°26	5°42	26°40	3°49	5°45	6°15	0°57	n.a.	S 10
S 11	17 7 35	14°47'48	24°27	11°38	28°25	0♍30	18° 0	20°30	5°45	26°42	3°49	5°44	6°12	1° 4	n.a.	S 11
M12	17 11 31	15°46'28	7♍55	12°33	29° 8	1°11	17°59	20°34	5°49	26°44	3°50	5°43	6° 9	1°10	n.a.	M12
T 13	17 15 28	16°45'10	21°40	13°25	29°50	1°52	17°58	20°38	5°53	26°47	3°51	5°43	6° 6	1°17	n.a.	T 13
W14	17 19 24	17°43'54	5♎44	14°15	0♌31	2°33	17°57	20°43	5°57	26°49	3°52	5°42	6° 2	1°24	n.a.	W14
T 15	17 23 21	18°42'39	20° 6	15° 0	1°10	3°14	17°56	20°47	6° 0	26°51	3°53	5°39	5°59	1°31	n.a.	T 15
F 16	17 27 18	19°41'27	4♏45	15°42	1°49	3°56	17°56	20°51	6° 4	26°53	3°54	5°34	5°56	1°37	n.a.	F 16
S 17	17 31 14	20°40'17	19°34	16°20	2°26	4°37	17°D56	20°56	6° 8	26°55	3°55	5°26	5°53	1°44	n.a.	S 17
S 18	17 35 11	21°39'09	4♐26	16°54	3° 3	5°19	17°56	21° 0	6°11	26°57	3°56	5°16	5°50	1°51	n.a.	S 18
M19	17 39 7	22°38'03	19°14	17°23	3°37	6° 1	17°56	21° 5	6°15	26°59	3°57	5° 5	5°47	1°57	n.a.	M19
T 20	17 43 4	23°36'59	3♑48	17°48	4°11	6°43	17°57	21° 9	6°19	27° 1	3°58	4°54	5°43	2° 4	n.a.	T 20
W21	17 47 0	24°35'58	18° 2	18° 6	4°43	7°25	17°57	21°14	6°22	27° 3	3°59	4°45	5°40	2°11	n.a.	W21
T 22	17 50 57	25°34'59	1♒50	18°20	5°14	8° 7	17°58	21°19	6°26	27° 5	4° 0	4°39	5°37	2°17	n.a.	T 22
F 23	17 54 53	26°34'03	15°11	18°27	5°43	8°49	17°59	21°24	6°30	27° 7	4° 2	4°35	5°34	2°24	n.a.	F 23
S 24	17 58 50	27°33'08	28° 6	18°R27	6°11	9°31	18° 0	21°29	6°33	27° 9	4° 3	4°33	5°31	2°31	n.a.	S 24
S 25	18 2 46	28°32'17	10♓39	18°21	6°37	10°13	18° 2	21°34	6°37	27°11	4° 4	4°D33	5°27	2°38	n.a.	S 25
M26	18 6 43	29°31'28	22°53	18° 8	7° 2	10°56	18° 3	21°39	6°40	27°13	4° 5	4°34	5°24	2°44	n.a.	M26
T 27	18 10 39	0♋30'41	4♈53	17°47	7°25	11°39	18° 5	21°44	6°44	27°15	4° 7	4°R34	5°21	2°51	n.a.	T 27
W28	18 14 36	1°29'57	16°46	17°18	7°46	12°21	18° 7	21°49	6°47	27°17	4° 8	4°32	5°18	2°58	n.a.	W28
T 29	18 18 32	2°29'16	28°36	16°42	8° 5	13° 4	18° 9	21°54	6°51	27°19	4° 9	4°29	5°15	3° 4	n.a.	T 29
F 30	18 22 29	3°28'37	10♉28	15°59	8°23	13°47	18°11	21°59	6°54	27°21	4°11	4°23	5°12	3°11	n.a.	F 30
S 31	18 26 26	4♋28'01	22♉26	15♋ 8	8♌38	14♍30	18♎14	22♌ 5	6♊58	27♉23	4♍12	4♓15	5♓ 8	3♉18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n45	11n18	3n25	24n 1	0s 6	21n52	0s39	13n43	0s16	7s 1	0n25	17n43	2n35	22n 4	0n19	19n33	0s20	23n16	13n54	9s 4	9s17	15n37			n.a.
F 2	21 55	16 23	4 6	23 52	0 14	21 36	0 46	13 28	0 18	7 0	0 24	17 41	2 35	22 5	0 19	19 34	0 20	23 15	13 54	9 7	9 19	15 40			n.a.
S 3	22 5	20 52	4 36	23 42	0 23	21 21	0 54	13 13	0 19	6 59	0 24	17 40	2 35	22 6	0 19	19 34	0 20	23 14	13 53	9 11	9 20	15 43			n.a.
S 4	22 15	24 33	4 54	23 32	0 32	21 5	1 2	12 58	0 20	6 58	0 24	17 39	2 35	22 6	0 19	19 35	0 20	23 14	13 52	9 16	9 21	15 45			n.a.
M 5	22 25	27 12	4 59	23 20	0 41	20 48	1 10	12 43	0 22	6 58	0 24	17 37	2 34	22 7	0 19	19 35	0 20	23 13	13 52	9 21	9 22	15 48			n.a.
T 6	22 34	28 35	4 50	23 8	0 50	20 32	1 18	12 28	0 23	6 57	0 23	17 36	2 34	22 8	0 19	19 36	0 20	23 12	13 51	9 27	9 23	15 51			n.a.
W 7	22 43	28 33	4 28	22 55	0 59	20 15	1 26	12 12	0 24	6 56	0 23	17 34	2 34	22 9	0 19	19 36	0 20	23 11	13 51	9 31	9 25	15 54			n.a.
T 8	22 51	27 2	3 52	22 41	1 9	19 57	1 35	11 57	0 25	6 56	0 23	17 33	2 34	22 9	0 19	19 37	0 20	23 11	13 50	9 35	9 26	15 57			n.a.
F 9	22 59	24 5	3 4	22 27	1 18	19 40	1 44	11 41	0 27	6 55	0 23	17 31	2 34	22 10	0 19	19 37	0 20	23 10	13 50	9 38	9 27	16 0			n.a.
S 10	23 6	19 54	2 5	22 13	1 28	19 22	1 53	11 25	0 28	6 55	0 23	17 30	2 33	22 11	0 19	19 38	0 20	23 9	13 49	9 40	9 28	16 3			n.a.
S 11	23 13	14 40	0 59	21 58	1 38	19 5	2 2	11 9	0 29	6 55	0 22	17 28	2 33	22 11	0 19	19 38	0 20	23 8	13 49	9 40	9 29	16 6			n.a.
M12	23 20	8 40	0s12	21 44	1 47	18 47	2 11	10 53	0 30	6 54	0 22	17 27	2 33	22 12	0 19	19 39	0 20	23 7	13 48	9 40	9 31	16 9			n.a.
T 13	23 26	2 7	1 23	21 29	1 57	18 29	2 20	10 37	0 32	6 54	0 22	17 25	2 33	22 13	0 19	19 39	0 20	23 7	13 48	9 40	9 32	16 12			n.a.
W14	23 32	4s39	2 32	21 14	2 7	18 10	2 30	10 21	0 33	6 54	0 22	17 24	2 32	22 13	0 19	19 40	0 20	23 6	13 47	9 41	9 33	16 15			n.a.
T 15	23 37	11 19	3 32	20 59	2 16	17 52	2 40	10 5	0 34	6 54	0 21	17 22	2 32	22 14	0 19	19 41	0 20	23 5	13 47	9 42	9 34	16 18			n.a.
F 16	23 42	17 31	4 19	20 45	2 26	17 34	2 50	9 48	0 35	6 54	0 21	17 20	2 32	22 15	0 19	19 41	0 20	23 4	13 46	9 44	9 35	16 20			n.a.
S 17	23 47	22 45	4 50	20 31	2 35	17 16	3 0	9 32	0 36	6 54	0 21	17 19	2 32	22 15	0 19	19 42	0 20	23 3	13 46	9 47	9 37	16 23			n.a.
S 18	23 51	26 33	5 1	20 18	2 44	16 57	3 10	9 15	0 37	6 55	0 21	17 17	2 32	22 16	0 19	19 42	0 20	23 2	13 45	9 51	9 38	16 26			n.a.
M19	23 54	28 31	4 52	20 5	2 53	16 39	3 20	8 58	0 38	6 55	0 21	17 15	2 31	22 17	0 19	19 43	0 20	23 1	13 45	9 55	9 39	16 29			n.a.
T 20	23 57	28 28	4 24	19 54	3 2	16 21	3 31	8 41	0 39	6 55	0 20	17 14	2 31	22 17	0 19	19 43	0 20	23 1	13 44	9 59	9 40	16 32			n.a.
W21	24 0	26 30	3 40	19 43	3 10	16 3	3 41	8 24	0 41	6 56	0 20	17 12	2 31	22 18	0 19	19 43	0 20	23 0	13 44	10 2	9 41	16 35			n.a.
T 22	24 2	22 59	2 44	19 34	3 18	15 45	3 52	8 7	0 42	6 56	0 20	17 10	2 31	22 19	0 19	19 44	0 20	22 59	13 43	10 5	9 43	16 38			n.a.
F 23	24 4	18 21	1 41	19 26	3 25	15 27	4 3	7 50	0 43	6 57	0 20	17 8	2 31	22 19	0 19	19 44	0 20	22 58	13 43	10 6	9 44	16 41			n.a.
S 24	24 5	13 0	0 34	19 19	3 31	15 10	4 14	7 33	0 44	6 57	0 19	17 7	2 31	22 20	0 19	19 45	0 20	22 57	13 42	10 7	9 45	16 43			n.a.
S 25	24 6	7 17	0n32	19 15	3 36	14 52	4 25	7 16	0 45	6 58	0 19	17 5	2 30	22 21	0 19	19 45	0 20	22 56	13 42	10 7	9 46	16 46			n.a.
M26	24 7	1 26	1 36	19 12	3 41	14 35	4 36	6 58	0 46	6 59	0 19	17 3	2 30	22 21	0 19	19 46	0 20	22 55	13 41	10 6	9 47	16 49			n.a.
T 27	24 7	4n21	2 34	19 12	3 44	14 18	4 48	6 41	0 47	7 0	0 19	17 1	2 30	22 22	0 19	19 46	0 20	22 54	13 41	10 6	9 49	16 52			n.a.
W28	24 6	9 55	3 25	19 13	3 46	14 2	4 59	6 23	0 48	7 1	0 19	16 59	2 30	22 23	0 19	19 47	0 20	22 53	13 40	10 7	9 50	16 55			n.a.
T 29	24 5	15 6	4 7	19 17	3 47	13 46	5 11	6 5	0 49	7 2	0 18	16 57	2 30	22 23	0 19	19 47	0 20	22 52	13 40	10 8	9 51	16 58			n.a.
F 30	24 4	19 46	4 38	19 24	3 46	13 30	5 22	5 48	0 50	7 3	0 18	16 55	2 30	22 24	0 20	19 48	0 20	22 51	13 39	10 10	9 52	17 0			n.a.
S 31	24n 2	23n40	4n57	19n33	3s43	13n15	5s34	5n30	0s51	7s 4	0n18	16n53	2n29	22n24	0n20	19n48	0s20	22n50	13n39	10s14	9s53	17n 3			n.a.

Julian Day Number = 197416.5, Delta T = 32h16m36s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'46, Lahiri = -61°16'46 Julian Calendar 1 July 4173 BCE == Greg. Calendar 29 May 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

AUGUST 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 30 22	5♋27'27	4♊32	14°R11	8♌52	15♍13	18♎16	22♌10	7♊ 1	27♉25	4♍14	4°R 5	5♓ 5	3♉25	n.a.	S 1
M 2	18 34 19	6°26'56	16°50	13♋ 9	9° 3	15°56	18°19	22°16	7° 5	27°26	4°15	3♓54	5° 2	3°31	n.a.	M 2
T 3	18 38 15	7°26'27	29°20	12° 2	9°12	16°39	18°22	22°21	7° 8	27°28	4°17	3°43	4°59	3°38	n.a.	T 3
W 4	18 42 12	8°26'01	12♋ 3	10°53	9°20	17°23	18°26	22°27	7°11	27°30	4°18	3°33	4°56	3°45	n.a.	W 4
T 5	18 46 8	9°25'36	24°59	9°42	9°24	18° 6	18°29	22°32	7°15	27°32	4°20	3°26	4°53	3°51	n.a.	T 5
F 6	18 50 5	10°25'14	8♌ 6	8°32	9°27	18°50	18°33	22°38	7°18	27°34	4°22	3°20	4°49	3°58	n.a.	F 6
S 7	18 54 1	11°24'54	21°24	7°25	9°R27	19°33	18°37	22°44	7°21	27°35	4°23	3°17	4°46	4° 5	n.a.	S 7
S 8	18 57 58	12°24'36	4♍53	6°22	9°25	20°17	18°41	22°50	7°25	27°37	4°25	3°D17	4°43	4°11	n.a.	S 8
M 9	19 1 54	13°24'20	18°33	5°26	9°21	21° 1	18°45	22°55	7°28	27°39	4°26	3°17	4°40	4°18	n.a.	M 9
T 10	19 5 51	14°24'06	2♎23	4°37	9°14	21°44	18°49	23° 1	7°31	27°40	4°28	3°19	4°37	4°25	n.a.	T 10
W11	19 9 47	15°23'54	16°24	3°59	9° 5	22°28	18°54	23° 7	7°34	27°42	4°30	3°R19	4°33	4°32	n.a.	W11
T 12	19 13 44	16°23'44	0♏34	3°30	8°53	23°12	18°58	23°13	7°37	27°44	4°32	3°18	4°30	4°38	n.a.	T 12
F 13	19 17 40	17°23'35	14°54	3°12	8°39	23°56	19° 3	23°19	7°40	27°45	4°33	3°15	4°27	4°45	n.a.	F 13
S 14	19 21 37	18°23'29	29°18	3°D 5	8°22	24°40	19° 8	23°25	7°44	27°47	4°35	3°10	4°24	4°52	n.a.	S 14
S 15	19 25 34	19°23'25	13♐44	3°10	8° 4	25°25	19°14	23°31	7°47	27°48	4°37	3° 4	4°21	4°58	n.a.	S 15
M16	19 29 30	20°23'23	28° 5	3°25	7°43	26° 9	19°19	23°37	7°50	27°50	4°39	2°57	4°18	5° 5	n.a.	M16
T 17	19 33 27	21°23'23	12♑16	3°50	7°19	26°53	19°25	23°44	7°53	27°51	4°41	2°50	4°14	5°12	n.a.	T 17
W18	19 37 23	22°23'25	26°11	4°25	6°54	27°38	19°30	23°50	7°56	27°53	4°43	2°44	4°11	5°19	n.a.	W18
T 19	19 41 20	23°23'29	9♒47	5° 9	6°27	28°22	19°36	23°56	7°59	27°54	4°45	2°40	4° 8	5°25	n.a.	T 19
F 20	19 45 16	24°23'35	23° 1	6° 1	5°58	29° 6	19°42	24° 2	8° 1	27°56	4°47	2°38	4° 5	5°32	n.a.	F 20
S 21	19 49 13	25°23'43	5♓54	7° 0	5°27	29°51	19°49	24° 9	8° 4	27°57	4°49	2°D38	4° 2	5°39	n.a.	S 21
S 22	19 53 9	26°23'54	18°27	8° 6	4°55	0♎36	19°55	24°15	8° 7	27°58	4°51	2°39	3°59	5°45	n.a.	S 22
M23	19 57 6	27°24'07	0♈43	9°17	4°22	1°20	20° 2	24°21	8°10	28° 0	4°53	2°40	3°55	5°52	n.a.	M23
T 24	20 1 2	28°24'22	12°45	10°34	3°47	2° 5	20° 8	24°28	8°13	28° 1	4°55	2°42	3°52	5°59	n.a.	T 24
W25	20 4 59	29°24'40	24°40	11°54	3°12	2°50	20°15	24°34	8°15	28° 2	4°57	2°R43	3°49	6° 5	n.a.	W25
T 26	20 8 55	0♌25'00	6♉31	13°18	2°36	3°35	20°22	24°41	8°18	28° 4	4°59	2°43	3°46	6°12	n.a.	T 26
F 27	20 12 52	1°25'22	18°24	14°45	2° 0	4°19	20°29	24°47	8°21	28° 5	5° 1	2°42	3°43	6°19	n.a.	F 27
S 28	20 16 49	2°25'46	0♊24	16°14	1°24	5° 4	20°37	24°54	8°23	28° 6	5° 3	2°39	3°39	6°26	n.a.	S 28
S 29	20 20 45	3°26'13	12°34	17°46	0°48	5°49	20°44	25° 1	8°26	28° 7	5° 5	2°35	3°36	6°32	n.a.	S 29
M30	20 24 42	4°26'42	24°58	19°19	0°12	6°34	20°52	25° 7	8°28	28° 8	5° 7	2°30	3°33	6°39	n.a.	M30
T 31	20 28 38	5♌27'13	7♋38	20♋53	29♋37	7♎19	20♎59	25♌14	8♊31	28♉10	5♍ 9	2♓25	3♓30	6♉46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	24n 0	26n37	5n 4	19n44	3s38	13n 0	5s45	5n12	0s51	7s 5	0n18	16n51	2n29	22n25	0n20	19n49	0s20	22n49	13n38	10s17	9s55	17n 6			n.a.
M 2	23 57	28 21	4 56	19 57	3 30	12 46	5 57	4 54	0 52	7 7	0 17	16 49	2 29	22 26	0 20	19 49	0 20	22 48	13 38	10 21	9 56	17 9			n.a.
T 3	23 54	28 41	4 34	20 13	3 21	12 33	6 8	4 36	0 53	7 8	0 17	16 47	2 29	22 26	0 20	19 49	0 20	22 47	13 37	10 25	9 57	17 12			n.a.
W 4	23 50	27 31	3 59	20 30	3 10	12 20	6 20	4 18	0 54	7 10	0 17	16 45	2 29	22 27	0 20	19 50	0 20	22 46	13 37	10 29	9 58	17 14			n.a.
T 5	23 46	24 51	3 10	20 49	2 57	12 7	6 31	4 0	0 55	7 11	0 17	16 43	2 29	22 27	0 20	19 50	0 20	22 45	13 36	10 32	9 59	17 17			n.a.
F 6	23 41	20 51	2 11	21 9	2 42	11 56	6 42	3 41	0 56	7 13	0 17	16 41	2 28	22 28	0 20	19 51	0 20	22 44	13 36	10 34	10 1	17 20			n.a.
S 7	23 36	15 46	1 3	21 29	2 25	11 45	6 54	3 23	0 57	7 14	0 16	16 39	2 28	22 29	0 20	19 51	0 20	22 43	13 36	10 35	10 2	17 23			n.a.
S 8	23 31	9 51	0s 9	21 51	2 7	11 35	7 4	3 5	0 58	7 16	0 16	16 37	2 28	22 29	0 20	19 52	0 20	22 42	13 35	10 35	10 3	17 26			n.a.
M 9	23 25	3 25	1 21	22 12	1 48	11 26	7 15	2 46	0 58	7 18	0 16	16 35	2 28	22 30	0 20	19 52	0 20	22 41	13 35	10 35	10 4	17 28			n.a.
T 10	23 19	3s15	2 30	22 33	1 29	11 18	7 26	2 28	0 59	7 20	0 16	16 33	2 28	22 30	0 20	19 52	0 20	22 40	13 34	10 35	10 5	17 31			n.a.
W11	23 12	9 51	3 31	22 54	1 9	11 10	7 36	2 9	1 0	7 22	0 16	16 31	2 28	22 31	0 20	19 53	0 20	22 39	13 34	10 34	10 7	17 34			n.a.
T 12	23 4	16 2	4 20	23 14	0 50	11 4	7 46	1 51	1 1	7 24	0 15	16 29	2 28	22 31	0 20	19 53	0 20	22 38	13 33	10 35	10 8	17 37			n.a.
F 13	22 57	21 24	4 53	23 34	0 31	10 59	7 55	1 32	1 2	7 26	0 15	16 26	2 27	22 32	0 20	19 53	0 20	22 37	13 33	10 36	10 9	17 40			n.a.
S 14	22 49	25 34	5 7	23 52	0 13	10 54	8 4	1 13	1 2	7 28	0 15	16 24	2 27	22 33	0 20	19 54	0 20	22 36	13 33	10 38	10 10	17 42			n.a.
S 15	22 40	28 6	5 3	24 9	0n 4	10 51	8 12	0 55	1 3	7 30	0 15	16 22	2 27	22 33	0 20	19 54	0 20	22 35	13 32	10 40	10 11	17 45			n.a.
M16	22 31	28 45	4 39	24 25	0 21	10 49	8 20	0 36	1 4	7 33	0 15	16 20	2 27	22 34	0 20	19 55	0 20	22 34	13 32	10 43	10 13	17 48			n.a.
T 17	22 22	27 30	3 59	24 39	0 36	10 48	8 27	0 17	1 5	7 35	0 14	16 18	2 27	22 34	0 20	19 55	0 20	22 32	13 31	10 45	10 14	17 51			n.a.
W18	22 12	24 32	3 5	24 52	0 49	10 48	8 33	0s 1	1 5	7 37	0 14	16 15	2 27	22 35	0 20	19 55	0 20	22 31	13 31	10 47	10 15	17 53			n.a.
T 19	22 1	20 14	2 1	25 2	1 2	10 49	8 39	0 20	1 6	7 40	0 14	16 13	2 27	22 35	0 20	19 56	0 20	22 30	13 31	10 49	10 16	17 56			n.a.
F 20	21 51	15 3	0 52	25 11	1 13	10 51	8 44	0 39	1 7	7 42	0 14	16 11	2 27	22 36	0 20	19 56	0 20	22 29	13 30	10 49	10 17	17 59			n.a.
S 21	21 40	9 20	0n18	25 18	1 23	10 55	8 48	0 58	1 7	7 45	0 14	16 9	2 27	22 36	0 20	19 56	0 20	22 28	13 30	10 50	10 18	18 2			n.a.
S 22	21 28	3 24	1 25	25 23	1 31	10 59	8 51	1 17	1 8	7 48	0 13	16 6	2 27	22 37	0 20	19 57	0 20	22 27	13 30	10 49	10 20	18 4			n.a.
M23	21 16	2n32	2 27	25 25	1 39	11 5	8 54	1 35	1 9	7 50	0 13	16 4	2 26	22 37	0 20	19 57	0 20	22 26	13 29	10 49	10 21	18 7			n.a.
T 24	21 4	8 15	3 21	25 25	1 45	11 11	8 55	1 54	1 9	7 53	0 13	16 2	2 26	22 38	0 20	19 57	0 20	22 25	13 29	10 48	10 22	18 10			n.a.
W25	20 51	13 37	4 6	25 23	1 50	11 19	8 56	2 13	1 10	7 56	0 13	15 59	2 26	22 38	0 20	19 58	0 20	22 24	13 29	10 48	10 23	18 12			n.a.
T 26	20 38	18 28	4 41	25 19	1 54	11 27	8 55	2 32	1 10	7 59	0 13	15 57	2 26	22 39	0 20	19 58	0 20	22 23	13 28	10 48	10 24	18 15			n.a.
F 27	20 24	22 37	5 3	25 13	1 57	11 37	8 53	2 51	1 11	8 2	0 13	15 55	2 26	22 39	0 20	19 58	0 20	22 22	13 28	10 48	10 26	18 18			n.a.
S 28	20 10	25 53	5 12	25 4	1 59	11 47	8 51	3 10	1 12	8 5	0 12	15 52	2 26	22 39	0 20	19 58	0 20	22 20	13 28	10 49	10 27	18 21			n.a.
S 29	19 56	28 1	5 8	24 54	2 1	11 58	8 47	3 28	1 12	8 8	0 12	15 50	2 26	22 40	0 20	19 59	0 20	22 19	13 27	10 51	10 28	18 23			n.a.
M30	19 41	28 50	4 49	24 41	2 2	12 10	8 43	3 47	1 13	8 11	0 12	15 48	2 26	22 40	0 20	19 59	0 20	22 18	13 27	10 53	10 29	18 26			n.a.
T 31	19n26	28n 9	4n16	24n27	2n 2	12n22	8s38	4s 6	1s13	8s14	0n12	15n45	2n26	22n41	0n20	19n59	0s20	22n17	13n27	10s54	10s30	18n29			n.a.

Julian Day Number = 197447.5, Delta T = 32h16m33s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'42, Lahiri = -61°16'42 Julian Calendar 1 Aug. 4173 BCE == Greg. Calendar 29 June 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

SEPTEMBER 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 32 35	6♌27'46	20♋35	22♋29	29°R 3	8♎ 5	21♎ 7	25♌20	8♊33	28♉11	5♍11	2°R21	3♓27	6♉52	n.a.	W 1
T 2	20 36 31	7°28'21	3♌50	24° 5	28♋30	8°50	21°15	25°27	8°36	28°12	5°14	2♓18	3°24	6°59	n.a.	T 2
F 3	20 40 28	8°28'58	17°21	25°42	27°58	9°35	21°24	25°34	8°38	28°13	5°16	2°15	3°20	7° 6	n.a.	F 3
S 4	20 44 24	9°29'36	1♍ 5	27°20	27°28	10°20	21°32	25°41	8°40	28°14	5°18	2°D15	3°17	7°13	n.a.	S 4
S 5	20 48 21	10°30'16	15° 1	28°58	26°59	11° 6	21°40	25°47	8°42	28°15	5°20	2°15	3°14	7°19	n.a.	S 5
M 6	20 52 17	11°30'58	29° 4	0♌36	26°32	11°51	21°49	25°54	8°45	28°16	5°22	2°16	3°11	7°26	n.a.	M 6
T 7	20 56 14	12°31'41	13♎13	2°14	26° 7	12°36	21°58	26° 1	8°47	28°16	5°25	2°18	3° 8	7°33	n.a.	T 7
W 8	21 0 10	13°32'26	27°24	3°52	25°45	13°22	22° 7	26° 8	8°49	28°17	5°27	2°19	3° 5	7°39	n.a.	W 8
T 9	21 4 7	14°33'12	11♏36	5°30	25°24	14° 7	22°16	26°15	8°51	28°18	5°29	2°R20	3° 1	7°46	n.a.	T 9
F 10	21 8 4	15°34'00	25°46	7° 7	25° 6	14°53	22°25	26°21	8°53	28°19	5°31	2°19	2°58	7°53	n.a.	F 10
S 11	21 12 0	16°34'49	9♐52	8°45	24°50	15°38	22°34	26°28	8°55	28°20	5°34	2°18	2°55	8° 0	n.a.	S 11
S 12	21 15 57	17°35'39	23°52	10°23	24°36	16°24	22°44	26°35	8°57	28°20	5°36	2°17	2°52	8° 6	n.a.	S 12
M13	21 19 53	18°36'31	7♑44	12° 0	24°25	17° 9	22°53	26°42	8°59	28°21	5°38	2°15	2°49	8°13	n.a.	M13
T 14	21 23 50	19°37'24	21°25	13°37	24°16	17°55	23° 3	26°49	9° 1	28°22	5°41	2°13	2°45	8°20	n.a.	T 14
W15	21 27 46	20°38'18	4♒54	15°14	24°10	18°41	23°12	26°56	9° 2	28°22	5°43	2°11	2°42	8°26	n.a.	W15
T 16	21 31 43	21°39'14	18° 8	16°51	24° 7	19°26	23°22	27° 3	9° 4	28°23	5°45	2°11	2°39	8°33	n.a.	T 16
F 17	21 35 39	22°40'11	1♓ 7	18°27	24°D 5	20°12	23°32	27°10	9° 6	28°24	5°48	2°D10	2°36	8°40	n.a.	F 17
S 18	21 39 36	23°41'09	13°49	20° 3	24° 7	20°58	23°42	27°17	9° 7	28°24	5°50	2°10	2°33	8°47	n.a.	S 18
S 19	21 43 33	24°42'09	26°16	21°39	24°10	21°43	23°53	27°24	9° 9	28°25	5°53	2°11	2°30	8°53	n.a.	S 19
M20	21 47 29	25°43'10	8♈30	23°15	24°16	22°29	24° 3	27°30	9°10	28°25	5°55	2°12	2°26	9° 0	n.a.	M20
T 21	21 51 26	26°44'13	20°33	24°51	24°24	23°15	24°13	27°37	9°12	28°25	5°57	2°12	2°23	9° 7	n.a.	T 21
W22	21 55 22	27°45'17	2♉28	26°26	24°35	24° 1	24°24	27°44	9°13	28°26	6° 0	2°13	2°20	9°13	n.a.	W22
T 23	21 59 19	28°46'23	14°19	28° 1	24°48	24°46	24°35	27°51	9°15	28°26	6° 2	2°13	2°17	9°20	n.a.	T 23
F 24	22 3 15	29°47'31	26°12	29°36	25° 3	25°32	24°45	27°58	9°16	28°26	6° 4	2°R13	2°14	9°27	n.a.	F 24
S 25	22 7 12	0♍48'39	8♊10	1♍11	25°20	26°18	24°56	28° 5	9°17	28°27	6° 7	2°13	2°11	9°34	n.a.	S 25
S 26	22 11 8	1°49'50	20°19	2°46	25°39	27° 4	25° 7	28°12	9°18	28°27	6° 9	2°D13	2° 7	9°40	n.a.	S 26
M27	22 15 5	2°51'01	2♋43	4°20	26° 0	27°50	25°18	28°19	9°20	28°27	6°12	2°13	2° 4	9°47	n.a.	M27
T 28	22 19 1	3°52'14	15°25	5°55	26°23	28°36	25°29	28°26	9°21	28°27	6°14	2°14	2° 1	9°54	n.a.	T 28
W29	22 22 58	4°53'28	28°28	7°29	26°48	29°22	25°41	28°33	9°22	28°28	6°16	2°14	1°58	10° 0	n.a.	W29
T 30	22 26 55	5♍54'44	11♌54	9♍ 4	27♋14	0♏ 8	25♎52	28♌40	9♊23	28♉28	6♍19	2♓14	1♓55	10♉ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n11	25n56	3n29	24n10	2n 1	12n35	8s31	4s25	1s14	8s17	0n12	15n43	2n26	22n41	0n20	19n59	0s20	22n16	13n27	10s56	10s31	18n31		n.a.
T 2	18 55	22 16	2 30	23 52	2 0	12 49	8 24	4 44	1 14	8 21	0 11	15 40	2 26	22 42	0 20	20 0	0 20	22 15	13 26	10 57	10 33	18 34		n.a.
F 3	18 39	17 21	1 21	23 32	1 58	13 3	8 16	5 2	1 15	8 24	0 11	15 38	2 26	22 42	0 20	20 0	0 20	22 14	13 26	10 58	10 34	18 37		n.a.
S 4	18 23	11 30	0 6	23 10	1 56	13 17	8 8	5 21	1 15	8 27	0 11	15 36	2 26	22 42	0 20	20 0	0 20	22 13	13 26	10 58	10 35	18 39		n.a.
S 5	18 6	5 0	1s10	22 47	1 53	13 32	7 58	5 40	1 16	8 31	0 11	15 33	2 25	22 43	0 20	20 0	0 20	22 12	13 25	10 58	10 36	18 42		n.a.
M 6	17 49	1s47	2 22	22 23	1 50	13 47	7 48	5 59	1 16	8 34	0 11	15 31	2 25	22 43	0 20	20 1	0 20	22 11	13 25	10 58	10 37	18 45		n.a.
T 7	17 31	8 31	3 27	21 57	1 47	14 2	7 38	6 17	1 17	8 38	0 11	15 28	2 25	22 44	0 20	20 1	0 20	22 9	13 25	10 57	10 39	18 47		n.a.
W 8	17 14	14 51	4 19	21 30	1 43	14 17	7 26	6 36	1 17	8 41	0 10	15 26	2 25	22 44	0 20	20 1	0 20	22 8	13 25	10 57	10 40	18 50		n.a.
T 9	16 56	20 24	4 55	21 1	1 39	14 32	7 15	6 54	1 18	8 45	0 10	15 23	2 25	22 44	0 20	20 1	0 20	22 7	13 24	10 56	10 41	18 53		n.a.
F 10	16 37	24 48	5 13	20 32	1 34	14 47	7 3	7 13	1 18	8 48	0 10	15 21	2 25	22 45	0 20	20 1	0 20	22 6	13 24	10 56	10 42	18 55		n.a.
S 11	16 19	27 42	5 13	20 1	1 30	15 3	6 50	7 31	1 18	8 52	0 10	15 19	2 25	22 45	0 21	20 2	0 20	22 5	13 24	10 57	10 43	18 58		n.a.
S 12	16 0	28 51	4 53	19 29	1 25	15 17	6 38	7 50	1 19	8 56	0 10	15 16	2 25	22 45	0 21	20 2	0 20	22 4	13 24	10 57	10 44	19 0		n.a.
M13	15 40	28 10	4 17	18 57	1 20	15 32	6 25	8 8	1 19	9 0	0 10	15 14	2 25	22 46	0 21	20 2	0 20	22 3	13 24	10 58	10 46	19 3		n.a.
T 14	15 21	25 45	3 27	18 23	1 14	15 47	6 11	8 26	1 20	9 3	0 9	15 11	2 25	22 46	0 21	20 2	0 20	22 2	13 23	10 59	10 47	19 6		n.a.
W15	15 1	21 55	2 25	17 49	1 9	16 1	5 58	8 45	1 20	9 7	0 9	15 9	2 25	22 46	0 21	20 2	0 20	22 1	13 23	10 59	10 48	19 8		n.a.
T 16	14 41	17 2	1 17	17 14	1 3	16 15	5 44	9 3	1 20	9 11	0 9	15 6	2 25	22 47	0 21	20 2	0 20	22 0	13 23	11 0	10 49	19 11		n.a.
F 17	14 21	11 29	0 6	16 38	0 57	16 28	5 31	9 21	1 21	9 15	0 9	15 4	2 25	22 47	0 21	20 2	0 20	21 58	13 23	11 0	10 50	19 14		n.a.
S 18	14 0	5 33	1n 4	16 1	0 52	16 42	5 17	9 39	1 21	9 19	0 9	15 1	2 25	22 47	0 21	20 3	0 20	21 57	13 23	11 0	10 52	19 16		n.a.
S 19	13 39	0n27	2 10	15 24	0 46	16 54	5 4	9 57	1 21	9 23	0 9	14 59	2 25	22 47	0 21	20 3	0 20	21 56	13 23	11 0	10 53	19 19		n.a.
M20	13 18	6 20	3 8	14 46	0 40	17 6	4 50	10 15	1 22	9 27	0 9	14 56	2 25	22 48	0 21	20 3	0 20	21 55	13 22	10 59	10 54	19 21		n.a.
T 21	12 57	11 53	3 57	14 8	0 33	17 18	4 37	10 33	1 22	9 31	0 8	14 54	2 25	22 48	0 21	20 3	0 20	21 54	13 22	10 59	10 55	19 24		n.a.
W22	12 35	16 57	4 35	13 29	0 27	17 29	4 24	10 50	1 22	9 35	0 8	14 51	2 25	22 48	0 21	20 3	0 20	21 53	13 22	10 59	10 56	19 26		n.a.
T 23	12 14	21 22	5 2	12 50	0 21	17 40	4 10	11 8	1 22	9 40	0 8	14 49	2 25	22 48	0 21	20 3	0 20	21 52	13 22	10 59	10 57	19 29		n.a.
F 24	11 52	24 57	5 15	12 10	0 15	17 50	3 57	11 25	1 23	9 44	0 8	14 46	2 25	22 49	0 21	20 3	0 20	21 51	13 22	10 59	10 59	19 32		n.a.
S 25	11 30	27 28	5 15	11 29	0 8	18 0	3 44	11 43	1 23	9 48	0 8	14 44	2 25	22 49	0 21	20 3	0 20	21 50	13 22	10 59	11 0	19 34		n.a.
S 26	11 7	28 46	5 1	10 49	0 2	18 9	3 32	12 0	1 23	9 52	0 8	14 42	2 25	22 49	0 21	20 3	0 20	21 49	13 22	10 59	11 1	19 37		n.a.
M27	10 45	28 39	4 33	10 8	0s 4	18 17	3 19	12 17	1 23	9 57	0 7	14 39	2 25	22 49	0 21	20 3	0 20	21 48	13 22	10 59	11 2	19 39		n.a.
T 28	10 22	27 2	3 51	9 26	0 11	18 25	3 7	12 34	1 24	10 1	0 7	14 37	2 25	22 49	0 21	20 3	0 20	21 47	13 21	10 59	11 3	19 42		n.a.
W29	9 59	23 56	2 56	8 44	0 17	18 32	2 54	12 51	1 24	10 5	0 7	14 34	2 25	22 50	0 21	20 3	0 20	21 46	13 21	10 58	11 4	19 44		n.a.
T 30	9n36	19n28	1n50	8n 2	0s23	18n39	2s42	13s 8	1s24	10s10	0n 7	14n32	2n25	22n50	0n21	20n 3	0s20	21n45	13n21	10s58	11s 6	19n47		n.a.

Julian Day Number = 197478.5, Delta T = 32h16m30s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'38, Lahiri = -61°16'37 Julian Calendar 1 Sept. 4173 BCE == Greg. Calendar 30 July 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

OCTOBER 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 30 51	6♍56'00	25♌43	10♍38	27♋43	0♏54	26♎ 4	28♌47	9♊24	28♉28	6♍21	2°R14	1♓51	10♉14	n.a.	F 1
S 2	22 34 48	7°57'17	9♍51	12°12	28°13	1°39	26°15	28°54	9°24	28°28	6°24	2♓14	1°48	10°21	n.a.	S 2
S 3	22 38 44	8°58'35	24°15	13°47	28°44	2°25	26°27	29° 0	9°25	28°R28	6°26	2°14	1°45	10°27	n.a.	S 3
M 4	22 42 41	9°59'54	8♎48	15°21	29°17	3°11	26°38	29° 7	9°26	28°28	6°28	2°13	1°42	10°34	n.a.	M 4
T 5	22 46 37	11° 1'13	23°26	16°55	29°52	3°57	26°50	29°14	9°27	28°28	6°31	2°12	1°39	10°41	n.a.	T 5
W 6	22 50 34	12° 2'33	8♏ 0	18°29	0♌28	4°43	27° 2	29°21	9°27	28°28	6°33	2°11	1°36	10°47	n.a.	W 6
T 7	22 54 31	13° 3'53	22°27	20° 4	1° 5	5°29	27°14	29°28	9°28	28°27	6°36	2°10	1°32	10°54	n.a.	T 7
F 8	22 58 27	14° 5'14	6♐42	21°38	1°43	6°15	27°26	29°35	9°28	28°27	6°38	2° 9	1°29	11° 1	n.a.	F 8
S 9	23 2 24	15° 6'35	20°43	23°12	2°23	7° 1	27°38	29°41	9°29	28°27	6°40	2°D 9	1°26	11° 8	n.a.	S 9
S 10	23 6 20	16° 7'56	4♑29	24°46	3° 4	7°47	27°50	29°48	9°29	28°27	6°43	2°10	1°23	11°14	n.a.	S 10
M11	23 10 17	17° 9'18	18° 0	26°21	3°46	8°33	28° 3	29°55	9°30	28°27	6°45	2°11	1°20	11°21	n.a.	M11
T 12	23 14 13	18°10'40	1♒16	27°55	4°30	9°19	28°15	0♍ 2	9°30	28°26	6°48	2°12	1°16	11°28	n.a.	T 12
W13	23 18 10	19°12'02	14°19	29°29	5°14	10° 5	28°28	0° 8	9°30	28°26	6°50	2°14	1°13	11°34	n.a.	W13
T 14	23 22 7	20°13'24	27° 9	1♎ 4	5°59	10°51	28°40	0°15	9°30	28°26	6°52	2°R14	1°10	11°41	n.a.	T 14
F 15	23 26 3	21°14'46	9♓47	2°38	6°46	11°37	28°53	0°22	9°31	28°25	6°55	2°14	1° 7	11°48	n.a.	F 15
S 16	23 30 0	22°16'09	22°13	4°12	7°33	12°23	29° 5	0°28	9°31	28°25	6°57	2°13	1° 4	11°55	n.a.	S 16
S 17	23 33 56	23°17'32	4♈30	5°46	8°22	13° 9	29°18	0°35	9°R31	28°24	6°59	2°11	1° 1	12° 1	n.a.	S 17
M18	23 37 53	24°18'55	16°37	7°20	9°11	13°55	29°31	0°41	9°31	28°24	7° 2	2° 7	0°57	12° 8	n.a.	M18
T 19	23 41 49	25°20'18	28°37	8°54	10° 1	14°41	29°44	0°48	9°31	28°23	7° 4	2° 3	0°54	12°15	n.a.	T 19
W20	23 45 46	26°21'42	10♉31	10°27	10°52	15°27	29°56	0°54	9°30	28°23	7° 6	1°59	0°51	12°21	n.a.	W20
T 21	23 49 43	27°23'06	22°22	12° 0	11°43	16°13	0♏ 9	1° 1	9°30	28°22	7° 9	1°55	0°48	12°28	n.a.	T 21
F 22	23 53 39	28°24'30	4♊14	13°33	12°36	16°59	0°22	1° 7	9°30	28°21	7°11	1°52	0°45	12°35	n.a.	F 22
S 23	23 57 36	29°25'55	16°10	15° 4	13°29	17°45	0°36	1°14	9°30	28°21	7°13	1°49	0°42	12°42	n.a.	S 23
S 24	0 1 32	0♎27'20	28°16	16°35	14°23	18°31	0°49	1°20	9°29	28°20	7°15	1°D49	0°38	12°48	n.a.	S 24
M25	0 5 29	1°28'45	10♋34	18° 5	15°18	19°17	1° 2	1°26	9°29	28°19	7°18	1°49	0°35	12°55	n.a.	M25
T 26	0 9 25	2°30'10	23°11	19°34	16°13	20° 2	1°15	1°33	9°28	28°19	7°20	1°50	0°32	13° 2	n.a.	T 26
W27	0 13 22	3°31'36	6♌11	21° 1	17° 9	20°48	1°28	1°39	9°28	28°18	7°22	1°52	0°29	13° 8	n.a.	W27
T 28	0 17 19	4°33'01	19°36	22°27	18° 5	21°34	1°42	1°45	9°27	28°17	7°24	1°53	0°26	13°15	n.a.	T 28
F 29	0 21 15	5°34'26	3♍28	23°50	19° 2	22°20	1°55	1°51	9°26	28°16	7°27	1°R54	0°22	13°22	n.a.	F 29
S 30	0 25 12	6°35'51	17°47	25°11	20° 0	23° 6	2° 9	1°57	9°26	28°15	7°29	1°53	0°19	13°29	n.a.	S 30
S 31	0 29 8	7♎37'16	2♎29	26♎28	20♌58	23♏52	2♏22	2♍ 4	9♊25	28♉14	7♍31	1♓50	0♓16	13♉35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n13	13n52	0n36	7n20	0s29	18n45	2s31	13s25	1s24	10s14	0n 7	14n29	2n25	22n50	0n21	20n 3	0s20	21n44	13n21	10s58	11s 7	19n49		n.a.
S 2	8 49	7 27	0s42	6 38	0 36	18 50	2 19	13 42	1 24	10 19	0 7	14 27	2 25	22 50	0 21	20 3	0 20	21 43	13 21	10 58	11 8	19 52		n.a.
S 3	8 26	0 32	1 59	5 55	0 42	18 55	2 8	13 58	1 25	10 23	0 7	14 24	2 25	22 50	0 21	20 3	0 20	21 42	13 21	10 58	11 9	19 54		n.a.
M 4	8 2	6s28	3 9	5 12	0 48	18 59	1 57	14 15	1 25	10 27	0 6	14 22	2 25	22 50	0 21	20 3	0 20	21 41	13 21	10 59	11 10	19 57		n.a.
T 5	7 38	13 9	4 7	4 29	0 54	19 2	1 46	14 31	1 25	10 32	0 6	14 19	2 25	22 51	0 21	20 3	0 20	21 40	13 21	10 59	11 11	19 59		n.a.
W 6	7 14	19 6	4 49	3 46	1 0	19 4	1 35	14 47	1 25	10 37	0 6	14 17	2 25	22 51	0 21	20 3	0 20	21 39	13 21	11 0	11 13	20 2		n.a.
T 7	6 50	23 55	5 12	3 3	1 5	19 6	1 25	15 3	1 25	10 41	0 6	14 15	2 25	22 51	0 21	20 3	0 20	21 38	13 21	11 0	11 14	20 4		n.a.
F 8	6 26	27 13	5 15	2 20	1 11	19 7	1 15	15 19	1 25	10 46	0 6	14 12	2 26	22 51	0 21	20 3	0 20	21 37	13 21	11 0	11 15	20 7		n.a.
S 9	6 2	28 46	5 0	1 36	1 17	19 8	1 5	15 35	1 25	10 50	0 6	14 10	2 26	22 51	0 21	20 3	0 20	21 36	13 21	11 0	11 16	20 9		n.a.
S 10	5 37	28 30	4 27	0 53	1 22	19 8	0 55	15 50	1 25	10 55	0 6	14 7	2 26	22 51	0 21	20 3	0 20	21 35	13 21	11 0	11 17	20 12		n.a.
M11	5 13	26 31	3 41	0 10	1 27	19 7	0 46	16 6	1 26	11 0	0 5	14 5	2 26	22 51	0 21	20 3	0 20	21 34	13 21	10 59	11 18	20 14		n.a.
T 12	4 48	23 5	2 43	0s33	1 32	19 5	0 37	16 21	1 26	11 4	0 5	14 3	2 26	22 51	0 21	20 3	0 20	21 33	13 21	10 59	11 20	20 17		n.a.
W13	4 23	18 33	1 37	1 16	1 37	19 3	0 28	16 36	1 26	11 9	0 5	14 0	2 26	22 51	0 21	20 3	0 20	21 32	13 21	10 59	11 21	20 19		n.a.
T 14	3 59	13 15	0 28	1 59	1 41	19 0	0 19	16 51	1 26	11 14	0 5	13 58	2 26	22 51	0 22	20 3	0 20	21 31	13 21	10 58	11 22	20 22		n.a.
F 15	3 34	7 29	0n41	2 41	1 46	18 56	0 11	17 6	1 26	11 18	0 5	13 56	2 26	22 52	0 22	20 3	0 20	21 31	13 21	10 58	11 23	20 24		n.a.
S 16	3 9	1 32	1 48	3 23	1 50	18 52	0 3	17 21	1 26	11 23	0 5	13 53	2 26	22 52	0 22	20 3	0 20	21 30	13 21	10 59	11 24	20 27		n.a.
S 17	2 44	4n24	2 48	4 5	1 53	18 46	0n 5	17 35	1 26	11 28	0 5	13 51	2 26	22 52	0 22	20 3	0 20	21 29	13 21	11 0	11 25	20 29		n.a.
M18	2 19	10 5	3 40	4 46	1 57	18 41	0 13	17 50	1 26	11 33	0 4	13 49	2 26	22 52	0 22	20 3	0 20	21 28	13 21	11 1	11 26	20 32		n.a.
T 19	1 54	15 20	4 22	5 27	2 0	18 34	0 21	18 4	1 26	11 37	0 4	13 46	2 26	22 52	0 22	20 2	0 20	21 27	13 21	11 2	11 28	20 34		n.a.
W20	1 29	19 59	4 52	6 7	2 3	18 27	0 28	18 18	1 26	11 42	0 4	13 44	2 26	22 52	0 22	20 2	0 20	21 26	13 21	11 4	11 29	20 36		n.a.
T 21	1 4	23 50	5 9	6 47	2 5	18 19	0 35	18 31	1 26	11 47	0 4	13 42	2 27	22 52	0 22	20 2	0 20	21 25	13 21	11 5	11 30	20 39		n.a.
F 22	0 39	26 42	5 13	7 26	2 7	18 10	0 42	18 45	1 26	11 52	0 4	13 39	2 27	22 52	0 22	20 2	0 20	21 25	13 22	11 7	11 31	20 41		n.a.
S 23	0 14	28 24	5 3	8 4	2 8	18 1	0 49	18 58	1 26	11 57	0 4	13 37	2 27	22 52	0 22	20 2	0 20	21 24	13 22	11 7	11 32	20 44		n.a.
S 24	0s11	28 47	4 41	8 41	2 9	17 51	0 55	19 12	1 26	12 1	0 4	13 35	2 27	22 52	0 22	20 2	0 20	21 23	13 22	11 8	11 33	20 46		n.a.
M25	0 36	27 45	4 4	9 17	2 10	17 41	1 1	19 25	1 26	12 6	0 4	13 33	2 27	22 52	0 22	20 2	0 20	21 22	13 22	11 8	11 35	20 48		n.a.
T 26	1 1	25 16	3 16	9 51	2 9	17 29	1 7	19 37	1 26	12 11	0 3	13 30	2 27	22 52	0 22	20 1	0 20	21 21	13 22	11 7	11 36	20 51		n.a.
W27	1 26	21 27	2 16	10 24	2 8	17 17	1 13	19 50	1 26	12 16	0 3	13 28	2 27	22 51	0 22	20 1	0 20	21 21	13 22	11 7	11 37	20 53		n.a.
T 28	1 51	16 25	1 7	10 56	2 7	17 5	1 19	20 2	1 25	12 21	0 3	13 26	2 27	22 51	0 22	20 1	0 20	21 20	13 22	11 6	11 38	20 56		n.a.
F 29	2 16	10 23	0s 9	11 25	2 4	16 52	1 24	20 15	1 25	12 26	0 3	13 24	2 28	22 51	0 22	20 1	0 20	21 19	13 22	11 6	11 39	20 58		n.a.
S 30	2 41	3 39	1 26	11 53	2 1	16 38	1 29	20 27	1 25	12 31	0 3	13 22	2 28	22 51	0 22	20 1	0 20	21 18	13 22	11 6	11 40	21 0		n.a.
S 31	3s 6	3s26	2s39	12s18	1s57	16n24	1n34	20s38	1s25	12s36	0n 3	13n20	2n28	22n51	0n22	20n 0	0s20	21n18	13n23	11s 7	11s41	21n 3		n.a.

Julian Day Number = 197508.5, Delta T = 32h16m26s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'34, Lahiri = -61°16'33 Julian Calendar 1 Oct. 4173 BCE == Greg. Calendar 29 Aug. 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

NOVEMBER 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 33 5	8♎38'41	17♎27	27♎42	21♌57	24♏37	2♏36	2♍10	9°R24	28°R13	7♍33	1°R46	0♓13	13♉42	n.a.	M 1
T 2	0 37 1	9°40'05	2♏32	28°52	22°56	25°23	2°49	2°16	9♊23	28♉12	7°35	1♓40	0°10	13°49	n.a.	T 2
W 3	0 40 58	10°41'28	17°34	29°57	23°55	26° 9	3° 3	2°22	9°22	28°11	7°37	1°34	0° 7	13°55	n.a.	W 3
T 4	0 44 55	11°42'51	2♐25	0♏56	24°55	26°55	3°16	2°27	9°21	28°10	7°39	1°28	0° 3	14° 2	n.a.	T 4
F 5	0 48 51	12°44'13	16°58	1°49	25°56	27°41	3°30	2°33	9°20	28° 9	7°41	1°24	0° 0	14° 9	n.a.	F 5
S 6	0 52 48	13°45'35	1♑ 7	2°35	26°57	28°26	3°44	2°39	9°19	28° 8	7°43	1°21	29♒57	14°16	n.a.	S 6
S 7	0 56 44	14°46'55	14°54	3°12	27°58	29°12	3°58	2°45	9°18	28° 7	7°46	1°D20	29°54	14°22	n.a.	S 7
M 8	1 0 41	15°48'14	28°17	3°40	29° 0	29°58	4°11	2°51	9°17	28° 6	7°48	1°21	29°51	14°29	n.a.	M 8
T 9	1 4 37	16°49'32	11♒20	3°58	0♍ 2	0♐43	4°25	2°56	9°16	28° 5	7°50	1°22	29°48	14°36	n.a.	T 9
W10	1 8 34	17°50'50	24° 5	4°R 6	1° 4	1°29	4°39	3° 2	9°14	28° 4	7°51	1°23	29°44	14°43	n.a.	W10
T 11	1 12 31	18°52'06	6♓37	4° 2	2° 7	2°14	4°53	3° 7	9°13	28° 2	7°53	1°R23	29°41	14°49	n.a.	T 11
F 12	1 16 27	19°53'21	18°57	3°46	3°10	3° 0	5° 7	3°13	9°12	28° 1	7°55	1°22	29°38	14°56	n.a.	F 12
S 13	1 20 24	20°54'35	1♈ 8	3°19	4°14	3°45	5°21	3°18	9°10	28° 0	7°57	1°18	29°35	15° 3	n.a.	S 13
S 14	1 24 20	21°55'48	13°13	2°40	5°17	4°31	5°35	3°24	9° 9	27°59	7°59	1°11	29°32	15° 9	n.a.	S 14
M15	1 28 17	22°57'00	25°12	1°50	6°22	5°16	5°49	3°29	9° 7	27°57	8° 1	1° 2	29°28	15°16	n.a.	M15
T 16	1 32 14	23°58'11	7♉ 8	0°52	7°26	6° 2	6° 3	3°34	9° 6	27°56	8° 3	0°52	29°25	15°23	n.a.	T 16
W17	1 36 10	24°59'21	19° 1	29♎45	8°31	6°47	6°17	3°39	9° 4	27°55	8° 5	0°40	29°22	15°30	n.a.	W17
T 18	1 40 7	26° 0'30	0♊53	28°33	9°36	7°33	6°31	3°44	9° 3	27°53	8° 6	0°30	29°19	15°36	n.a.	T 18
F 19	1 44 3	27° 1'39	12°45	27°17	10°41	8°18	6°45	3°49	9° 1	27°52	8° 8	0°20	29°16	15°43	n.a.	F 19
S 20	1 48 0	28° 2'46	24°42	26° 0	11°46	9° 3	6°59	3°54	8°59	27°51	8°10	0°12	29°13	15°50	n.a.	S 20
S 21	1 51 56	29° 3'52	6♋46	24°45	12°52	9°49	7°13	3°59	8°57	27°49	8°12	0° 7	29° 9	15°56	n.a.	S 21
M22	1 55 53	0♏ 4'58	19° 1	23°32	13°58	10°34	7°27	4° 4	8°56	27°48	8°13	0° 4	29° 6	16° 3	n.a.	M22
T 23	1 59 50	1° 6'02	1♌32	22°25	15° 4	11°19	7°41	4° 9	8°54	27°46	8°15	0°D 3	29° 3	16°10	n.a.	T 23
W24	2 3 46	2° 7'06	14°24	21°24	16°11	12° 4	7°55	4°14	8°52	27°45	8°17	0° 4	29° 0	16°17	n.a.	W24
T 25	2 7 43	3° 8'08	27°40	20°32	17°17	12°49	8°10	4°18	8°50	27°43	8°18	0°R 5	28°57	16°23	n.a.	T 25
F 26	2 11 39	4° 9'09	11♍25	19°47	18°24	13°35	8°24	4°23	8°48	27°42	8°20	0° 4	28°53	16°30	n.a.	F 26
S 27	2 15 36	5°10'09	25°39	19°11	19°31	14°20	8°38	4°27	8°46	27°40	8°21	0° 1	28°50	16°37	n.a.	S 27
S 28	2 19 32	6°11'08	10♎21	18°44	20°38	15° 5	8°52	4°32	8°44	27°39	8°23	29♒56	28°47	16°44	n.a.	S 28
M29	2 23 29	7°12'05	25°25	18°26	21°46	15°50	9° 6	4°36	8°42	27°37	8°24	29°48	28°44	16°50	n.a.	M29
T 30	2 27 26	8♏13'01	10♏43	18♎15	22♍53	16♐35	9♏21	4♍40	8♊40	27♉36	8♍26	29♒38	28♒41	16♉57	n.a.	T 30

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3 s31	10 s26	3 s42	12 s41	1 s52	16n 8	1n39	20 s50	1 s25	12 s40	0n 3	13n17	2n28	22n51	0n22	20n 0	0 s20	21n17	13n23	11 s 9	11 s43	21n 5		n.a.
T 2	3 56	16 55	4 31	13 1	1 46	15 53	1 43	21 1	1 25	12 45	0 2	13 15	2 28	22 51	0 22	20 0	0 20	21 16	13 23	11 11	11 44	21 7		n.a.
W 3	4 21	22 20	5 0	13 18	1 38	15 37	1 48	21 13	1 25	12 50	0 2	13 13	2 28	22 51	0 22	20 0	0 20	21 16	13 23	11 13	11 45	21 10		n.a.
T 4	4 45	26 17	5 10	13 32	1 30	15 20	1 52	21 24	1 25	12 55	0 2	13 11	2 28	22 51	0 22	20 0	0 20	21 15	13 23	11 15	11 46	21 12		n.a.
F 5	5 10	28 24	4 58	13 41	1 20	15 3	1 56	21 34	1 25	13 0	0 2	13 9	2 28	22 51	0 22	19 59	0 20	21 14	13 23	11 17	11 47	21 15		n.a.
S 6	5 35	28 36	4 29	13 47	1 9	14 45	2 0	21 45	1 24	13 5	0 2	13 7	2 29	22 50	0 22	19 59	0 20	21 14	13 24	11 18	11 48	21 17		n.a.
S 7	5 59	26 59	3 45	13 49	0 57	14 26	2 3	21 55	1 24	13 10	0 2	13 5	2 29	22 50	0 22	19 59	0 20	21 13	13 24	11 18	11 50	21 19		n.a.
M 8	6 23	23 51	2 49	13 46	0 43	14 7	2 7	22 5	1 24	13 15	0 2	13 3	2 29	22 50	0 22	19 59	0 20	21 12	13 24	11 18	11 51	21 21		n.a.
T 9	6 48	19 34	1 46	13 38	0 28	13 48	2 10	22 15	1 24	13 20	0 2	13 1	2 29	22 50	0 22	19 58	0 20	21 12	13 24	11 17	11 52	21 24		n.a.
W10	7 12	14 29	0 39	13 26	0 12	13 28	2 13	22 24	1 24	13 25	0 1	12 59	2 29	22 50	0 22	19 58	0 20	21 11	13 24	11 17	11 53	21 26		n.a.
T 11	7 36	8 54	0n28	13 8	0n 6	13 8	2 16	22 34	1 24	13 30	0 1	12 57	2 29	22 50	0 22	19 58	0 20	21 11	13 25	11 17	11 54	21 28		n.a.
F 12	7 59	3 4	1 33	12 45	0 24	12 47	2 19	22 43	1 23	13 34	0 1	12 56	2 30	22 49	0 22	19 58	0 20	21 10	13 25	11 18	11 55	21 31		n.a.
S 13	8 23	2n48	2 33	12 18	0 43	12 25	2 21	22 52	1 23	13 39	0 1	12 54	2 30	22 49	0 22	19 57	0 20	21 10	13 25	11 19	11 56	21 33		n.a.
S 14	8 47	8 30	3 25	11 45	1 3	12 3	2 24	23 0	1 23	13 44	0 1	12 52	2 30	22 49	0 22	19 57	0 20	21 9	13 25	11 22	11 58	21 35		n.a.
M15	9 10	13 51	4 8	11 10	1 23	11 41	2 26	23 9	1 23	13 49	0 1	12 50	2 30	22 49	0 22	19 57	0 20	21 9	13 26	11 25	11 59	21 38		n.a.
T 16	9 33	18 39	4 39	10 30	1 42	11 18	2 28	23 17	1 23	13 54	0 1	12 48	2 30	22 49	0 22	19 56	0 20	21 8	13 26	11 29	12 0	21 40		n.a.
W17	9 56	22 44	4 58	9 49	2 1	10 55	2 30	23 25	1 22	13 59	0 1	12 46	2 30	22 48	0 23	19 56	0 20	21 8	13 26	11 33	12 1	21 42		n.a.
T 18	10 19	25 52	5 4	9 6	2 19	10 31	2 32	23 32	1 22	14 4	0 0	12 45	2 31	22 48	0 23	19 56	0 20	21 7	13 26	11 37	12 2	21 44		n.a.
F 19	10 42	27 53	4 57	8 23	2 35	10 8	2 34	23 40	1 22	14 9	0 0	12 43	2 31	22 48	0 23	19 55	0 20	21 7	13 27	11 40	12 3	21 47		n.a.
S 20	11 4	28 38	4 37	7 42	2 50	9 43	2 35	23 47	1 22	14 14	0 0	12 41	2 31	22 48	0 23	19 55	0 20	21 6	13 27	11 43	12 4	21 49		n.a.
S 21	11 27	28 1	4 5	7 2	3 2	9 18	2 36	23 54	1 21	14 18	0 0	12 40	2 31	22 47	0 23	19 55	0 20	21 6	13 27	11 45	12 6	21 51		n.a.
M22	11 49	26 2	3 21	6 26	3 12	8 53	2 37	24 0	1 21	14 23	0 s 0	12 38	2 31	22 47	0 23	19 55	0 20	21 5	13 27	11 46	12 7	21 53		n.a.
T 23	12 11	22 45	2 26	5 53	3 20	8 28	2 38	24 6	1 21	14 28	0 0	12 36	2 32	22 47	0 23	19 54	0 20	21 5	13 28	11 46	12 8	21 56		n.a.
W24	12 33	18 17	1 23	5 25	3 25	8 2	2 39	24 13	1 21	14 33	0 0	12 35	2 32	22 47	0 23	19 54	0 20	21 5	13 28	11 46	12 9	21 58		n.a.
T 25	12 54	12 49	0 13	5 1	3 29	7 36	2 40	24 18	1 20	14 38	0 0	12 33	2 32	22 46	0 23	19 54	0 20	21 4	13 28	11 46	12 10	22 0		n.a.
F 26	13 16	6 34	1 s 0	4 43	3 30	7 10	2 41	24 24	1 20	14 43	0 1	12 32	2 32	22 46	0 23	19 53	0 20	21 4	13 29	11 46	12 11	22 2		n.a.
S 27	13 37	0 s13	2 12	4 29	3 30	6 43	2 41	24 29	1 20	14 47	0 1	12 30	2 32	22 46	0 23	19 53	0 20	21 4	13 29	11 47	12 12	22 4		n.a.
S 28	13 57	7 12	3 17	4 21	3 28	6 16	2 41	24 34	1 20	14 52	0 1	12 29	2 33	22 45	0 23	19 53	0 20	21 3	13 29	11 49	12 14	22 7		n.a.
M29	14 18	13 57	4 10	4 17	3 25	5 49	2 42	24 39	1 19	14 57	0 1	12 27	2 33	22 45	0 23	19 52	0 20	21 3	13 30	11 52	12 15	22 9		n.a.
T 30	14 s38	19 s57	4 s46	4 s17	3n20	5n22	2n42	24 s44	1 s19	15 s 2	0 s 1	12n26	2n33	22n45	0n23	19n52	0 s20	21n 3	13n30	11 s55	12 s16	22n11		n.a.

Julian Day Number = 197539.5, Delta T = 32h16m23s
Ecliptic obliquity = 24°07'02, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'30, Lahiri = -61°16'29 Julian Calendar 1 Nov. 4173 BCE == Greg. Calendar 29 Sept. 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4173 BCE
geocentric

DECEMBER 4173 BCE (-4172) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 31 22	9♏13'56	26♏ 3	18°D13	24♍ 1	17♐20	9♏35	4♍45	8°R37	27°R34	8♍27	29°R28	28♒38	17♉ 4	n.a.	W 1
T 2	2 35 19	10°14'49	11♐14	18♎19	25° 9	18° 5	9°49	4°49	8♊35	27♉33	8°29	29♒17	28°34	17°10	n.a.	T 2
F 3	2 39 15	11°15'40	26° 6	18°31	26°17	18°50	10° 3	4°53	8°33	27°31	8°30	29° 9	28°31	17°17	n.a.	F 3
S 4	2 43 12	12°16'30	10♑31	18°50	27°25	19°35	10°17	4°57	8°31	27°29	8°32	29° 3	28°28	17°24	n.a.	S 4
S 5	2 47 8	13°17'17	24°28	19°14	28°33	20°19	10°31	5° 1	8°29	27°28	8°33	28°59	28°25	17°31	n.a.	S 5
M 6	2 51 5	14°18'03	7♒56	19°45	29°42	21° 4	10°46	5° 4	8°26	27°26	8°34	28°58	28°22	17°37	n.a.	M 6
T 7	2 55 2	15°18'46	20°59	20°20	0♎50	21°49	11° 0	5° 8	8°24	27°25	8°35	28°D58	28°19	17°44	n.a.	T 7
W 8	2 58 58	16°19'27	3♓39	21° 0	1°59	22°34	11°14	5°12	8°22	27°23	8°37	28°R58	28°15	17°51	n.a.	W 8
T 9	3 2 55	17°20'07	16° 3	21°44	3° 8	23°18	11°28	5°15	8°19	27°21	8°38	28°57	28°12	17°57	n.a.	T 9
F 10	3 6 51	18°20'44	28°13	22°32	4°17	24° 3	11°42	5°19	8°17	27°20	8°39	28°53	28° 9	18° 4	n.a.	F 10
S 11	3 10 48	19°21'19	10♈15	23°23	5°26	24°47	11°56	5°22	8°14	27°18	8°40	28°47	28° 6	18°11	n.a.	S 11
S 12	3 14 44	20°21'52	22°11	24°18	6°35	25°32	12°11	5°26	8°12	27°16	8°41	28°38	28° 3	18°18	n.a.	S 12
M13	3 18 41	21°22'23	4♉ 5	25°15	7°44	26°17	12°25	5°29	8°10	27°15	8°42	28°26	27°59	18°24	n.a.	M13
T 14	3 22 38	22°22'53	15°57	26°16	8°54	27° 1	12°39	5°32	8° 7	27°13	8°43	28°12	27°56	18°31	n.a.	T 14
W15	3 26 34	23°23'20	27°50	27°19	10° 3	27°45	12°53	5°35	8° 5	27°11	8°44	27°57	27°53	18°38	n.a.	W15
T 16	3 30 31	24°23'45	9♊44	28°24	11°13	28°30	13° 7	5°38	8° 2	27°10	8°45	27°42	27°50	18°45	n.a.	T 16
F 17	3 34 27	25°24'09	21°42	29°32	12°23	29°14	13°21	5°41	8° 0	27° 8	8°46	27°29	27°47	18°51	n.a.	F 17
S 18	3 38 24	26°24'31	3♋44	0♏41	13°32	29°58	13°35	5°44	7°57	27° 6	8°47	27°18	27°44	18°58	n.a.	S 18
S 19	3 42 20	27°24'51	15°52	1°53	14°42	0♑43	13°49	5°46	7°55	27° 5	8°48	27°10	27°40	19° 5	n.a.	S 19
M20	3 46 17	28°25'09	28°11	3° 6	15°52	1°27	14° 3	5°49	7°52	27° 3	8°49	27° 5	27°37	19°11	n.a.	M20
T 21	3 50 13	29°25'25	10♌42	4°21	17° 2	2°11	14°17	5°51	7°49	27° 1	8°50	27° 3	27°34	19°18	n.a.	T 21
W22	3 54 10	0♐25'39	23°31	5°38	18°12	2°55	14°31	5°54	7°47	27° 0	8°50	27° 2	27°31	19°25	n.a.	W22
T 23	3 58 7	1°25'52	6♍40	6°56	19°22	3°39	14°45	5°56	7°44	26°58	8°51	27° 2	27°28	19°32	n.a.	T 23
F 24	4 2 3	2°26'03	20°14	8°15	20°33	4°23	14°59	5°58	7°42	26°56	8°52	27° 1	27°25	19°38	n.a.	F 24
S 25	4 6 0	3°26'12	4♎16	9°36	21°43	5° 7	15°12	6° 1	7°39	26°55	8°52	26°59	27°21	19°45	n.a.	S 25
S 26	4 9 56	4°26'19	18°45	10°59	22°53	5°51	15°26	6° 3	7°36	26°53	8°53	26°54	27°18	19°52	n.a.	S 26
M27	4 13 53	5°26'24	3♏38	12°23	24° 4	6°35	15°40	6° 5	7°34	26°51	8°54	26°46	27°15	19°59	n.a.	M27
T 28	4 17 49	6°26'27	18°48	13°48	25°14	7°19	15°54	6° 6	7°31	26°50	8°54	26°35	27°12	20° 5	n.a.	T 28
W29	4 21 46	7°26'28	4♐ 6	15°14	26°25	8° 3	16° 7	6° 8	7°29	26°48	8°55	26°24	27° 9	20°12	n.a.	W29
T 30	4 25 42	8°26'28	19°21	16°41	27°35	8°47	16°21	6°10	7°26	26°46	8°55	26°13	27° 5	20°19	n.a.	T 30
F 31	4 29 39	9♐26'24	4♑20	18♏10	28♎46	9♑31	16♏35	6♍11	7♊23	26♉45	8♍56	26♒ 4	27♒ 2	20♉25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	14s58	24s40	5s 1	4s21	3n15	4n54	2n42	24s48	1s19	15s 7	0s 1	12n24	2n33	22n44	0n23	19n51	0s20	21n 2	13n30	11s59	12s17	22n13			n.a.
T 2	15 18	27 38	4 55	4 29	3 8	4 26	2 41	24 52	1 18	15 11	0 1	12 23	2 34	22 44	0 23	19 51	0 20	21 2	13 31	12 3	12 18	22 15			n.a.
F 3	15 38	28 33	4 29	4 40	3 1	3 58	2 41	24 56	1 18	15 16	0 1	12 22	2 34	22 44	0 23	19 51	0 20	21 2	13 31	12 6	12 19	22 18			n.a.
S 4	15 57	27 27	3 47	4 55	2 54	3 30	2 41	24 59	1 18	15 21	0 2	12 20	2 34	22 43	0 23	19 50	0 20	21 2	13 31	12 8	12 20	22 20			n.a.
S 5	16 16	24 39	2 52	5 12	2 45	3 1	2 40	25 2	1 17	15 25	0 2	12 19	2 34	22 43	0 23	19 50	0 20	21 1	13 32	12 9	12 21	22 22			n.a.
M 6	16 35	20 33	1 49	5 31	2 37	2 33	2 39	25 5	1 17	15 30	0 2	12 18	2 34	22 43	0 23	19 50	0 19	21 1	13 32	12 10	12 23	22 24			n.a.
T 7	16 53	15 34	0 42	5 53	2 28	2 4	2 39	25 8	1 17	15 35	0 2	12 17	2 35	22 42	0 23	19 49	0 19	21 1	13 32	12 10	12 24	22 26			n.a.
W 8	17 11	10 4	0n25	6 17	2 19	1 35	2 38	25 10	1 16	15 39	0 2	12 16	2 35	22 42	0 23	19 49	0 19	21 1	13 33	12 10	12 25	22 28			n.a.
T 9	17 29	4 18	1 29	6 42	2 10	1 6	2 37	25 12	1 16	15 44	0 2	12 14	2 35	22 42	0 23	19 49	0 19	21 1	13 33	12 10	12 26	22 31			n.a.
F 10	17 46	1n31	2 28	7 9	2 0	0 37	2 36	25 14	1 16	15 49	0 2	12 13	2 35	22 41	0 23	19 48	0 19	21 1	13 33	12 11	12 27	22 33			n.a.
S 11	18 4	7 13	3 19	7 37	1 51	0 8	2 35	25 16	1 15	15 53	0 2	12 12	2 36	22 41	0 23	19 48	0 19	21 0	13 34	12 14	12 28	22 35			n.a.
S 12	18 20	12 35	4 2	8 7	1 42	0s21	2 33	25 17	1 15	15 58	0 3	12 11	2 36	22 41	0 23	19 47	0 19	21 0	13 34	12 17	12 29	22 37			n.a.
M13	18 37	17 30	4 33	8 37	1 32	0 50	2 32	25 18	1 14	16 2	0 3	12 10	2 36	22 40	0 23	19 47	0 19	21 0	13 34	12 21	12 30	22 39			n.a.
T 14	18 53	21 43	4 52	9 8	1 23	1 20	2 30	25 19	1 14	16 7	0 3	12 9	2 36	22 40	0 23	19 47	0 19	21 0	13 35	12 26	12 32	22 41			n.a.
W15	19 9	25 4	4 59	9 40	1 13	1 49	2 29	25 20	1 14	16 11	0 3	12 8	2 37	22 39	0 23	19 46	0 19	21 0	13 35	12 31	12 33	22 43			n.a.
T 16	19 24	27 21	4 52	10 13	1 4	2 19	2 27	25 20	1 13	16 16	0 3	12 7	2 37	22 39	0 23	19 46	0 19	21 0	13 35	12 37	12 34	22 45			n.a.
F 17	19 39	28 23	4 33	10 46	0 55	2 48	2 25	25 20	1 13	16 20	0 3	12 7	2 37	22 39	0 23	19 46	0 19	21 0	13 36	12 41	12 35	22 47			n.a.
S 18	19 54	28 5	4 2	11 19	0 46	3 18	2 23	25 20	1 13	16 25	0 3	12 6	2 37	22 38	0 23	19 45	0 19	21 0	13 36	12 45	12 36	22 49			n.a.
S 19	20 8	26 26	3 19	11 53	0 37	3 47	2 22	25 19	1 12	16 29	0 3	12 5	2 38	22 38	0 23	19 45	0 19	21 0	13 37	12 48	12 37	22 52			n.a.
M20	20 22	23 29	2 26	12 27	0 28	4 17	2 20	25 18	1 12	16 34	0 4	12 4	2 38	22 37	0 23	19 44	0 19	21 0	13 37	12 50	12 38	22 54			n.a.
T 21	20 36	19 24	1 25	13 2	0 19	4 46	2 17	25 17	1 11	16 38	0 4	12 3	2 38	22 37	0 23	19 44	0 19	21 0	13 37	12 50	12 39	22 56			n.a.
W22	20 49	14 21	0 19	13 36	0 11	5 15	2 15	25 16	1 11	16 42	0 4	12 3	2 38	22 36	0 23	19 44	0 19	21 0	13 38	12 51	12 41	22 58			n.a.
T 23	21 2	8 32	0s51	14 10	0 3	5 45	2 13	25 14	1 11	16 47	0 4	12 2	2 39	22 36	0 23	19 43	0 19	21 0	13 38	12 51	12 42	23 0			n.a.
F 24	21 14	2 9	1 59	14 44	0s 6	6 14	2 11	25 13	1 10	16 51	0 4	12 2	2 39	22 36	0 23	19 43	0 19	21 0	13 39	12 51	12 43	23 2			n.a.
S 25	21 26	4s31	3 3	15 19	0 13	6 43	2 8	25 11	1 10	16 55	0 4	12 1	2 39	22 35	0 23	19 42	0 19	21 0	13 39	12 52	12 44	23 4			n.a.
S 26	21 38	11 11	3 57	15 53	0 21	7 12	2 6	25 8	1 9	17 0	0 4	12 0	2 39	22 35	0 23	19 42	0 19	21 0	13 39	12 54	12 45	23 6			n.a.
M27	21 49	17 23	4 36	16 26	0 29	7 41	2 4	25 6	1 9	17 4	0 4	12 0	2 40	22 34	0 23	19 42	0 19	21 1	13 40	12 57	12 46	23 8			n.a.
T 28	22 0	22 39	4 57	17 0	0 36	8 10	2 1	25 3	1 8	17 8	0 5	11 59	2 40	22 34	0 23	19 41	0 19	21 1	13 40	13 0	12 47	23 10			n.a.
W29	22 10	26 26	4 57	17 33	0 43	8 38	1 58	25 0	1 8	17 12	0 5	11 59	2 40	22 33	0 23	19 41	0 19	21 1	13 40	13 4	12 48	23 12			n.a.
T 30	22 20	28 16	4 36	18 5	0 50	9 7	1 56	24 56	1 8	17 16	0 5	11 59	2 40	22 33	0 23	19 41	0 19	21 1	13 41	13 8	12 50	23 14			n.a.
F 31	22s29	27s59	3s56	18s37	0s56	9s35	1n53	24s53	1s 7	17s21	0s 5	11n58	2n41	22n33	0n23	19n40	0s19	21n 1	13n41	13s11	12s51	23n16			n.a.

Julian Day Number = 197569.5, Delta T = 32h16m20s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'26, Lahiri = -61°16'25 Julian Calendar 1 Dec. 4173 BCE == Greg. Calendar 29 Oct. 4173 BCE

The year -4172 astronomical counting style corresponds to year 4173 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

JANUARY 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 33 36	10♐26'19	18♉56	19♏40	29♎57	10♉14	16♏48	6♍13	7°R21	26°R43	8♍56	25°R57	26♒59	20♑32	n.a.	S 1
S 2	4 37 32	11°26'11	3♒ 4	21°11	1♏ 8	10°58	17° 2	6°14	7♊18	26♑41	8°56	25♒52	26°56	20°39	n.a.	S 2
M 3	4 41 29	12°26'00	16°41	22°43	2°18	11°42	17°15	6°16	7°15	26°40	8°57	25°50	26°53	20°46	n.a.	M 3
T 4	4 45 25	13°25'47	29°51	24°16	3°29	12°25	17°29	6°17	7°13	26°38	8°57	25°D50	26°50	20°52	n.a.	T 4
W 5	4 49 22	14°25'32	12♓35	25°51	4°40	13° 9	17°42	6°18	7°10	26°37	8°57	25°R50	26°46	20°59	n.a.	W 5
T 6	4 53 18	15°25'14	25° 0	27°27	5°51	13°52	17°56	6°19	7° 8	26°35	8°58	25°50	26°43	21° 6	n.a.	T 6
F 7	4 57 15	16°24'53	7♈ 9	29° 4	7° 2	14°36	18° 9	6°20	7° 5	26°33	8°58	25°48	26°40	21°12	n.a.	F 7
S 8	5 1 11	17°24'29	19° 8	0♗42	8°13	15°19	18°22	6°20	7° 3	26°32	8°58	25°43	26°37	21°19	n.a.	S 8
S 9	5 5 8	18°24'04	1♉ 1	2°21	9°24	16° 2	18°36	6°21	7° 0	26°30	8°58	25°36	26°34	21°26	n.a.	S 9
M10	5 9 5	19°23'36	12°52	4° 1	10°35	16°46	18°49	6°22	6°57	26°29	8°58	25°27	26°31	21°33	n.a.	M10
T 11	5 13 1	20°23'05	24°44	5°43	11°46	17°29	19° 2	6°22	6°55	26°27	8°58	25°15	26°27	21°39	n.a.	T 11
W12	5 16 58	21°22'32	6♊39	7°26	12°57	18°12	19°15	6°23	6°52	26°26	8°R58	25° 3	26°24	21°46	n.a.	W12
T 13	5 20 54	22°21'57	18°38	9°10	14° 8	18°55	19°28	6°23	6°50	26°24	8°58	24°51	26°21	21°53	n.a.	T 13
F 14	5 24 51	23°21'19	0♋43	10°55	15°20	19°38	19°41	6°23	6°47	26°23	8°58	24°40	26°18	22° 0	n.a.	F 14
S 15	5 28 47	24°20'39	12°56	12°41	16°31	20°21	19°54	6°23	6°45	26°21	8°58	24°31	26°15	22° 6	n.a.	S 15
S 16	5 32 44	25°19'57	25°16	14°29	17°42	21° 4	20° 7	6°R23	6°43	26°20	8°58	24°24	26°11	22°13	n.a.	S 16
M17	5 36 40	26°19'13	7♌46	16°18	18°53	21°47	20°20	6°23	6°40	26°19	8°58	24°20	26° 8	22°20	n.a.	M17
T 18	5 40 37	27°18'26	20°27	18° 9	20° 5	22°30	20°32	6°23	6°38	26°17	8°58	24°D19	26° 5	22°26	n.a.	T 18
W19	5 44 33	28°17'38	3♍23	20° 0	21°16	23°13	20°45	6°23	6°35	26°16	8°58	24°19	26° 2	22°33	n.a.	W19
T 20	5 48 30	29°16'47	16°35	21°53	22°28	23°56	20°58	6°22	6°33	26°14	8°57	24°20	25°59	22°40	n.a.	T 20
F 21	5 52 26	0♉15'54	0♎ 7	23°47	23°39	24°39	21°10	6°22	6°31	26°13	8°57	24°R21	25°56	22°47	n.a.	F 21
S 22	5 56 23	1°15'00	13°59	25°43	24°51	25°22	21°23	6°21	6°28	26°12	8°57	24°20	25°52	22°53	n.a.	S 22
S 23	6 0 20	2°14'03	28°14	27°39	26° 2	26° 4	21°35	6°21	6°26	26°10	8°56	24°17	25°49	23° 0	n.a.	S 23
M24	6 4 16	3°13'04	12♏48	29°37	27°14	26°47	21°47	6°20	6°24	26° 9	8°56	24°12	25°46	23° 7	n.a.	M24
T 25	6 8 13	4°12'04	27°39	1♉36	28°25	27°29	22° 0	6°19	6°22	26° 8	8°56	24° 6	25°43	23°14	n.a.	T 25
W26	6 12 9	5°11'01	12♐37	3°37	29°37	28°12	22°12	6°18	6°19	26° 7	8°55	23°58	25°40	23°20	n.a.	W26
T 27	6 16 6	6° 9'57	27°36	5°38	0♗48	28°55	22°24	6°17	6°17	26° 6	8°55	23°51	25°37	23°27	n.a.	T 27
F 28	6 20 2	7° 8'50	12♉25	7°40	2° 0	29°37	22°36	6°16	6°15	26° 4	8°54	23°44	25°33	23°34	n.a.	F 28
S 29	6 23 59	8° 7'41	26°56	9°43	3°11	0♒20	22°48	6°15	6°13	26° 3	8°54	23°40	25°30	23°40	n.a.	S 29
S 30	6 27 55	9° 6'29	11♒ 4	11°46	4°23	1° 2	23° 0	6°13	6°11	26° 2	8°53	23°37	25°27	23°47	n.a.	S 30
M31	6 31 52	10♉ 5'15	24♒46	13♉50	5♗35	1♒44	23♏12	6♍12	6♊ 9	26♑ 1	8♍53	23°D36	25♒24	23♑54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s39	25s44	3s 2	19s 9	1s 3	10s 3	1n50	24s49	1s 7	17s25	0s 5	11n58	2n41	22n32	0n23	19n40	0s19	21n 1	13n42	13s14	12s52	23n18		n.a.
S 2	22 47	21 56	1 57	19 40	1 9	10 31	1 47	24 45	1 6	17 29	0 5	11 58	2 41	22 32	0 23	19 39	0 19	21 2	13 42	13 15	12 53	23 20		n.a.
M 3	22 55	17 2	0 48	20 10	1 14	10 59	1 45	24 41	1 6	17 33	0 5	11 57	2 41	22 31	0 23	19 39	0 19	21 2	13 42	13 16	12 54	23 22		n.a.
T 4	23 3	11 31	0n21	20 39	1 20	11 26	1 42	24 36	1 5	17 37	0 6	11 57	2 42	22 31	0 23	19 39	0 19	21 2	13 43	13 16	12 55	23 24		n.a.
W 5	23 11	5 41	1 28	21 8	1 25	11 54	1 39	24 31	1 5	17 41	0 6	11 57	2 42	22 30	0 23	19 38	0 19	21 2	13 43	13 16	12 56	23 26		n.a.
T 6	23 17	0n13	2 28	21 36	1 30	12 21	1 36	24 26	1 4	17 45	0 6	11 57	2 42	22 30	0 23	19 38	0 19	21 3	13 44	13 16	12 57	23 28		n.a.
F 7	23 24	5 58	3 20	22 3	1 34	12 47	1 33	24 21	1 4	17 49	0 6	11 57	2 43	22 30	0 23	19 38	0 19	21 3	13 44	13 17	12 58	23 30		n.a.
S 8	23 30	11 26	4 3	22 28	1 38	13 14	1 30	24 16	1 3	17 53	0 6	11 57	2 43	22 29	0 23	19 37	0 19	21 3	13 44	13 18	13 0	23 32		n.a.
S 9	23 35	16 26	4 35	22 53	1 42	13 40	1 27	24 10	1 3	17 57	0 6	11 57	2 43	22 29	0 23	19 37	0 19	21 4	13 45	13 21	13 1	23 34		n.a.
M10	23 41	20 48	4 55	23 16	1 45	14 6	1 24	24 4	1 3	18 1	0 6	11 57	2 43	22 28	0 23	19 37	0 19	21 4	13 45	13 24	13 2	23 36		n.a.
T 11	23 45	24 21	5 2	23 38	1 48	14 31	1 21	23 58	1 2	18 4	0 6	11 57	2 44	22 28	0 23	19 36	0 19	21 4	13 46	13 28	13 3	23 38		n.a.
W12	23 49	26 53	4 56	23 59	1 51	14 56	1 17	23 51	1 2	18 8	0 7	11 57	2 44	22 27	0 23	19 36	0 19	21 4	13 46	13 32	13 4	23 39		n.a.
T 13	23 53	28 13	4 37	24 19	1 53	15 21	1 14	23 45	1 1	18 12	0 7	11 57	2 44	22 27	0 23	19 36	0 19	21 5	13 46	13 36	13 5	23 41		n.a.
F 14	23 56	28 12	4 5	24 37	1 55	15 46	1 11	23 38	1 1	18 16	0 7	11 57	2 44	22 27	0 23	19 35	0 19	21 5	13 47	13 40	13 6	23 43		n.a.
S 15	23 59	26 49	3 22	24 53	1 56	16 10	1 8	23 31	1 0	18 20	0 7	11 57	2 45	22 26	0 23	19 35	0 19	21 6	13 47	13 43	13 7	23 45		n.a.
S 16	24 2	24 7	2 28	25 7	1 57	16 34	1 5	23 24	1 0	18 23	0 7	11 58	2 45	22 26	0 23	19 35	0 19	21 6	13 48	13 46	13 8	23 47		n.a.
M17	24 4	20 15	1 27	25 20	1 57	16 57	1 1	23 16	0 59	18 27	0 7	11 58	2 45	22 25	0 24	19 34	0 19	21 6	13 48	13 47	13 10	23 49		n.a.
T 18	24 5	15 24	0 21	25 31	1 57	17 20	0 58	23 8	0 59	18 30	0 7	11 58	2 45	22 25	0 24	19 34	0 19	21 7	13 48	13 47	13 11	23 51		n.a.
W19	24 6	9 48	0s48	25 40	1 57	17 42	0 55	23 1	0 58	18 34	0 8	11 59	2 46	22 24	0 24	19 34	0 19	21 7	13 49	13 47	13 12	23 53		n.a.
T 20	24 7	3 40	1 56	25 47	1 56	18 4	0 52	22 52	0 58	18 38	0 8	11 59	2 46	22 24	0 24	19 33	0 19	21 8	13 49	13 47	13 13	23 55		n.a.
F 21	24 7	2s47	3 0	25 52	1 54	18 26	0 48	22 44	0 57	18 41	0 8	11 59	2 46	22 24	0 24	19 33	0 19	21 8	13 49	13 47	13 14	23 56		n.a.
S 22	24 6	9 15	3 54	25 54	1 52	18 47	0 45	22 36	0 57	18 45	0 8	12 0	2 46	22 23	0 24	19 33	0 19	21 9	13 50	13 47	13 15	23 58		n.a.
S 23	24 6	15 25	4 36	25 55	1 49	19 8	0 42	22 27	0 56	18 48	0 8	12 0	2 47	22 23	0 24	19 32	0 19	21 9	13 50	13 48	13 16	24 0		n.a.
M24	24 4	20 52	5 0	25 53	1 46	19 28	0 39	22 18	0 56	18 52	0 8	12 1	2 47	22 22	0 24	19 32	0 19	21 10	13 50	13 50	13 17	24 2		n.a.
T 25	24 3	25 9	5 6	25 48	1 42	19 48	0 35	22 9	0 55	18 55	0 8	12 1	2 47	22 22	0 24	19 32	0 19	21 10	13 51	13 52	13 18	24 4		n.a.
W26	24 1	27 45	4 50	25 41	1 37	20 7	0 32	22 0	0 55	18 58	0 9	12 2	2 47	22 22	0 24	19 32	0 19	21 11	13 51	13 54	13 20	24 6		n.a.
T 27	23 58	28 21	4 15	25 31	1 32	20 25	0 29	21 50	0 54	19 2	0 9	12 3	2 48	22 21	0 24	19 31	0 19	21 11	13 52	13 57	13 21	24 7		n.a.
F 28	23 55	26 53	3 23	25 19	1 26	20 44	0 26	21 41	0 54	19 5	0 9	12 3	2 48	22 21	0 24	19 31	0 19	21 12	13 52	13 59	13 22	24 9		n.a.
S 29	23 51	23 38	2 19	25 4	1 20	21 1	0 23	21 31	0 53	19 8	0 9	12 4	2 48	22 21	0 24	19 31	0 19	21 12	13 52	14 1	13 23	24 11		n.a.
S 30	23 47	19 1	1 7	24 47	1 13	21 18	0 19	21 21	0 53	19 12	0 9	12 5	2 48	22 20	0 24	19 31	0 19	21 13	13 53	14 2	13 24	24 13		n.a.
M31	23s43	13s32	0n 6	24s27	1s 5	21s34	0n16	21s11	0s52	19s15	0s 9	12n 6	2n49	22n20	0n24	19n30	0s19	21n13	13n53	14s 2	13s25	24n15		n.a.

Julian Day Number = 197600.5, Delta T = 32h16m17s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'22, Lahiri = -61°16'21 Julian Calendar 1 Jan. 4172 BCE == Greg. Calendar 29 Nov. 4173 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

FEBRUARY 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 35 48	11♉ 3'58	8♓ 1	15♉55	6♐46	2♒27	23♏24	6°R10	6°R 7	26°R 0	8°R52	23♒37	25♒21	24♉ 1	n.a.	T 1
W 2	6 39 45	12° 2'39	20°51	17°59	7°58	3° 9	23°35	6♍ 9	6♊ 5	25♉59	8♍51	23°38	25°17	24° 7	n.a.	W 2
T 3	6 43 41	13° 1'17	3♈20	20° 3	9°10	3°51	23°47	6° 7	6° 3	25°58	8°51	23°40	25°14	24°14	n.a.	T 3
F 4	6 47 38	13°59'53	15°33	22° 7	10°22	4°33	23°58	6° 5	6° 1	25°57	8°50	23°R40	25°11	24°21	n.a.	F 4
S 5	6 51 34	14°58'27	27°34	24° 9	11°33	5°15	24°10	6° 3	5°59	25°56	8°49	23°39	25° 8	24°28	n.a.	S 5
S 6	6 55 31	15°56'58	9♉28	26°11	12°45	5°57	24°21	6° 1	5°57	25°55	8°48	23°37	25° 5	24°34	n.a.	S 6
M 7	6 59 28	16°55'27	21°20	28°11	13°57	6°39	24°32	5°59	5°56	25°54	8°47	23°32	25° 2	24°41	n.a.	M 7
T 8	7 3 24	17°53'53	3♊13	0♒ 9	15° 9	7°21	24°43	5°57	5°54	25°53	8°47	23°27	24°58	24°48	n.a.	T 8
W 9	7 7 21	18°52'17	15°11	2° 5	16°20	8° 3	24°54	5°55	5°52	25°52	8°46	23°21	24°55	24°54	n.a.	W 9
T 10	7 11 17	19°50'39	27°16	3°59	17°32	8°45	25° 5	5°53	5°50	25°51	8°45	23°15	24°52	25° 1	n.a.	T 10
F 11	7 15 14	20°48'59	9♋31	5°49	18°44	9°27	25°16	5°50	5°49	25°50	8°44	23° 9	24°49	25° 8	n.a.	F 11
S 12	7 19 10	21°47'17	21°56	7°36	19°56	10° 9	25°27	5°48	5°47	25°50	8°43	23° 5	24°46	25°15	n.a.	S 12
S 13	7 23 7	22°45'32	4♌32	9°20	21° 8	10°51	25°38	5°45	5°46	25°49	8°42	23° 2	24°42	25°21	n.a.	S 13
M14	7 27 3	23°43'46	17°20	11° 0	22°20	11°32	25°48	5°43	5°44	25°48	8°41	23°D 1	24°39	25°28	n.a.	M14
T 15	7 31 0	24°41'57	0♍20	12°36	23°32	12°14	25°59	5°40	5°43	25°47	8°40	23° 1	24°36	25°35	n.a.	T 15
W16	7 34 56	25°40'07	13°34	14° 8	24°44	12°56	26° 9	5°37	5°41	25°47	8°39	23° 2	24°33	25°42	n.a.	W16
T 17	7 38 53	26°38'14	27° 0	15°36	25°56	13°37	26°19	5°34	5°40	25°46	8°38	23° 3	24°30	25°48	n.a.	T 17
F 18	7 42 49	27°36'20	10♎41	16°59	27° 8	14°19	26°29	5°32	5°39	25°45	8°37	23° 5	24°27	25°55	n.a.	F 18
S 19	7 46 46	28°34'25	24°36	18°17	28°20	15° 0	26°39	5°29	5°37	25°45	8°36	23°R 5	24°23	26° 2	n.a.	S 19
S 20	7 50 42	29°32'28	8♏44	19°31	29°32	15°42	26°49	5°26	5°36	25°44	8°34	23° 5	24°20	26° 8	n.a.	S 20
M21	7 54 39	0♒30'29	23° 3	20°40	0♉44	16°23	26°59	5°22	5°35	25°44	8°33	23° 4	24°17	26°15	n.a.	M21
T 22	7 58 36	1°28'29	7♐32	21°43	1°56	17° 4	27° 9	5°19	5°34	25°43	8°32	23° 2	24°14	26°22	n.a.	T 22
W23	8 2 32	2°26'27	22° 5	22°42	3° 8	17°46	27°18	5°16	5°33	25°43	8°31	22°59	24°11	26°29	n.a.	W23
T 24	8 6 29	3°24'24	6♉37	23°35	4°20	18°27	27°28	5°13	5°32	25°42	8°30	22°57	24° 8	26°35	n.a.	T 24
F 25	8 10 25	4°22'18	21° 2	24°24	5°32	19° 8	27°37	5° 9	5°31	25°42	8°28	22°54	24° 4	26°42	n.a.	F 25
S 26	8 14 22	5°20'11	5♒14	25° 7	6°44	19°50	27°46	5° 6	5°30	25°42	8°27	22°53	24° 1	26°49	n.a.	S 26
S 27	8 18 18	6°18'03	19° 8	25°45	7°56	20°31	27°56	5° 2	5°29	25°41	8°26	22°D52	23°58	26°56	n.a.	S 27
M28	8 22 15	7♒15'52	2♓42	26♒17	9♉ 8	21♒12	28♏ 5	4♍59	5♊28	25♉41	8♍24	22♒52	23♒55	27♉ 2	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s38	7s37	1n17	24s 5	0s57	21s50	0n13	21s 0	0s51	19s18	0s10	12n 6	2n49	22n19	0n24	19n30	0s18	21n14	13n53	14s 2	13s26	24n16		n.a.
W 2	23 33	1 34	2 22	23 40	0 48	22 6	0 10	20 50	0 51	19 21	0 10	12 7	2 49	22 19	0 24	19 30	0 18	21 14	13 54	14 1	13 27	24 18		n.a.
T 3	23 27	4n23	3 18	23 12	0 38	22 20	0 7	20 39	0 50	19 24	0 10	12 8	2 49	22 19	0 24	19 30	0 18	21 15	13 54	14 1	13 28	24 20		n.a.
F 4	23 21	10 1	4 4	22 43	0 28	22 34	0 4	20 28	0 50	19 27	0 10	12 9	2 50	22 18	0 24	19 29	0 18	21 15	13 54	14 1	13 29	24 22		n.a.
S 5	23 15	15 13	4 39	22 11	0 18	22 48	0 1	20 17	0 49	19 30	0 10	12 10	2 50	22 18	0 24	19 29	0 18	21 16	13 55	14 1	13 31	24 24		n.a.
S 6	23 8	19 47	5 1	21 38	0 7	23 0	0s 2	20 6	0 49	19 33	0 10	12 11	2 50	22 18	0 24	19 29	0 18	21 17	13 55	14 2	13 32	24 25		n.a.
M 7	23 0	23 34	5 10	21 3	0n 4	23 12	0 5	19 55	0 48	19 36	0 10	12 12	2 50	22 17	0 24	19 29	0 18	21 17	13 55	14 3	13 33	24 27		n.a.
T 8	22 53	26 23	5 6	20 26	0 15	23 24	0 8	19 43	0 48	19 39	0 11	12 13	2 51	22 17	0 23	19 29	0 18	21 18	13 56	14 5	13 34	24 29		n.a.
W 9	22 45	28 2	4 48	19 49	0 27	23 35	0 11	19 32	0 47	19 42	0 11	12 14	2 51	22 17	0 23	19 28	0 18	21 18	13 56	14 7	13 35	24 31		n.a.
T 10	22 36	28 23	4 18	19 10	0 39	23 45	0 14	19 20	0 47	19 45	0 11	12 15	2 51	22 16	0 23	19 28	0 18	21 19	13 56	14 9	13 36	24 32		n.a.
F 11	22 27	27 20	3 35	18 32	0 51	23 54	0 17	19 8	0 46	19 48	0 11	12 16	2 51	22 16	0 23	19 28	0 18	21 20	13 56	14 11	13 37	24 34		n.a.
S 12	22 18	24 56	2 41	17 52	1 3	24 3	0 20	18 56	0 46	19 51	0 11	12 17	2 51	22 16	0 23	19 28	0 18	21 20	13 57	14 12	13 38	24 36		n.a.
S 13	22 8	21 16	1 39	17 13	1 15	24 11	0 23	18 44	0 45	19 54	0 11	12 18	2 52	22 16	0 23	19 28	0 18	21 21	13 57	14 13	13 39	24 37		n.a.
M14	21 58	16 34	0 31	16 34	1 27	24 19	0 25	18 31	0 45	19 56	0 12	12 19	2 52	22 15	0 23	19 27	0 18	21 22	13 57	14 14	13 40	24 39		n.a.
T 15	21 47	11 3	0s40	15 56	1 38	24 25	0 28	18 19	0 44	19 59	0 12	12 21	2 52	22 15	0 23	19 27	0 18	21 22	13 57	14 14	13 41	24 41		n.a.
W16	21 36	4 57	1 50	15 18	1 50	24 31	0 31	18 6	0 43	20 2	0 12	12 22	2 52	22 15	0 23	19 27	0 18	21 23	13 58	14 13	13 43	24 42		n.a.
T 17	21 25	1s27	2 56	14 42	2 0	24 36	0 33	17 53	0 43	20 4	0 12	12 23	2 52	22 15	0 23	19 27	0 18	21 24	13 58	14 13	13 44	24 44		n.a.
F 18	21 14	7 53	3 52	14 7	2 11	24 41	0 36	17 40	0 42	20 7	0 12	12 24	2 53	22 14	0 23	19 27	0 18	21 24	13 58	14 13	13 45	24 46		n.a.
S 19	21 2	14 3	4 36	13 33	2 21	24 45	0 38	17 27	0 42	20 10	0 12	12 26	2 53	22 14	0 23	19 27	0 18	21 25	13 59	14 12	13 46	24 47		n.a.
S 20	20 49	19 35	5 4	13 1	2 30	24 48	0 41	17 14	0 41	20 12	0 13	12 27	2 53	22 14	0 23	19 27	0 18	21 26	13 59	14 12	13 47	24 49		n.a.
M21	20 37	24 6	5 14	12 31	2 39	24 50	0 43	17 1	0 41	20 15	0 13	12 28	2 53	22 14	0 23	19 27	0 18	21 26	13 59	14 13	13 48	24 51		n.a.
T 22	20 24	27 11	5 4	12 2	2 47	24 52	0 46	16 48	0 40	20 17	0 13	12 30	2 53	22 13	0 23	19 26	0 18	21 27	13 59	14 13	13 49	24 52		n.a.
W23	20 10	28 26	4 35	11 36	2 54	24 53	0 48	16 34	0 40	20 19	0 13	12 31	2 53	22 13	0 23	19 26	0 18	21 28	13 59	14 14	13 50	24 54		n.a.
T 24	19 56	27 44	3 48	11 12	3 1	24 53	0 50	16 20	0 39	20 22	0 13	12 33	2 54	22 13	0 23	19 26	0 18	21 28	14 0	14 15	13 51	24 56		n.a.
F 25	19 42	25 9	2 46	10 50	3 6	24 52	0 53	16 7	0 39	20 24	0 13	12 34	2 54	22 13	0 23	19 26	0 18	21 29	14 0	14 16	13 52	24 57		n.a.
S 26	19 28	21 2	1 36	10 31	3 11	24 51	0 55	15 53	0 38	20 27	0 14	12 35	2 54	22 13	0 23	19 26	0 18	21 30	14 0	14 17	13 53	24 59		n.a.
S 27	19 13	15 50	0 21	10 15	3 15	24 49	0 57	15 39	0 37	20 29	0 14	12 37	2 54	22 12	0 23	19 26	0 18	21 30	14 0	14 17	13 54	25 1		n.a.
M28	18s58	9s58	0n54	10s 1	3n18	24s46	0s59	15s25	0s37	20s31	0s14	12n38	2n54	22n12	0n23	19n26	0s18	21n31	14n 0	14s17	13s56	25n 2		n.a.

Julian Day Number = 197631.5, Delta T = 32h16m13s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'17, Lahiri = -61°16'17 Julian Calendar 1 Feb. 4172 BCE == Greg. Calendar 30 Dec. 4173 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

MARCH 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 26 11	8♒13'39	15♓54	26♒44	10♉21	21♒53	28♏13	4°R55	5°R27	25°R41	8°R23	22♒53	23♒52	27♉ 9	n.a.	T 1
W 2	8 30 8	9°11'25	28°45	27° 6	11°33	22°34	28°22	4♍51	5♊27	25♉40	8♍22	22°54	23°48	27°16	n.a.	W 2
T 3	8 34 4	10° 9'08	11♈17	27°22	12°45	23°15	28°31	4°48	5°26	25°40	8°20	22°55	23°45	27°22	n.a.	T 3
F 4	8 38 1	11° 6'50	23°33	27°33	13°57	23°56	28°39	4°44	5°25	25°40	8°19	22°56	23°42	27°29	n.a.	F 4
S 5	8 41 57	12° 4'30	5♉36	27°38	15° 9	24°37	28°48	4°40	5°25	25°40	8°17	22°57	23°39	27°36	n.a.	S 5
S 6	8 45 54	13° 2'08	17°32	27°R39	16°22	25°18	28°56	4°36	5°24	25°40	8°16	22°R57	23°36	27°43	n.a.	S 6
M 7	8 49 51	13°59'44	29°26	27°34	17°34	25°59	29° 4	4°32	5°24	25°40	8°15	22°57	23°33	27°49	n.a.	M 7
T 8	8 53 47	14°57'19	11♊20	27°25	18°46	26°39	29°12	4°28	5°23	25°40	8°13	22°56	23°29	27°56	n.a.	T 8
W 9	8 57 44	15°54'51	23°21	27°11	19°59	27°20	29°20	4°24	5°23	25°D40	8°12	22°55	23°26	28° 3	n.a.	W 9
T 10	9 1 40	16°52'23	5♋31	26°53	21°11	28° 1	29°27	4°20	5°23	25°40	8°10	22°54	23°23	28°10	n.a.	T 10
F 11	9 5 37	17°49'52	17°53	26°31	22°23	28°42	29°35	4°16	5°22	25°40	8° 9	22°53	23°20	28°16	n.a.	F 11
S 12	9 9 33	18°47'20	0♌30	26° 5	23°35	29°22	29°42	4°12	5°22	25°40	8° 7	22°53	23°17	28°23	n.a.	S 12
S 13	9 13 30	19°44'46	13°22	25°37	24°48	0♓ 3	29°50	4° 8	5°22	25°40	8° 6	22°53	23°14	28°30	n.a.	S 13
M14	9 17 26	20°42'11	26°31	25° 6	26° 0	0°43	29°57	4° 4	5°22	25°40	8° 4	22°D53	23°10	28°36	n.a.	M14
T 15	9 21 23	21°39'34	9♍55	24°33	27°13	1°24	0♐ 4	4° 0	5°D22	25°40	8° 3	22°53	23° 7	28°43	n.a.	T 15
W16	9 25 19	22°36'56	23°33	23°58	28°25	2° 4	0°10	3°55	5°22	25°40	8° 1	22°R53	23° 4	28°50	n.a.	W16
T 17	9 29 16	23°34'17	7♎24	23°23	29°37	2°45	0°17	3°51	5°22	25°41	7°59	22°53	23° 1	28°57	n.a.	T 17
F 18	9 33 13	24°31'37	21°24	22°48	0♒50	3°25	0°24	3°47	5°22	25°41	7°58	22°53	22°58	29° 3	n.a.	F 18
S 19	9 37 9	25°28'56	5♏32	22°13	2° 2	4° 6	0°30	3°43	5°22	25°41	7°56	22°52	22°54	29°10	n.a.	S 19
S 20	9 41 6	26°26'15	19°45	21°39	3°15	4°46	0°36	3°38	5°22	25°42	7°55	22°D52	22°51	29°17	n.a.	S 20
M21	9 45 2	27°23'32	3♐59	21° 7	4°27	5°26	0°42	3°34	5°23	25°42	7°53	22°52	22°48	29°24	n.a.	M21
T 22	9 48 59	28°20'49	18°13	20°37	5°40	6° 7	0°48	3°30	5°23	25°42	7°51	22°53	22°45	29°30	n.a.	T 22
W23	9 52 55	29°18'05	2♑25	20°10	6°53	6°47	0°54	3°25	5°23	25°43	7°50	22°53	22°42	29°37	n.a.	W23
T 24	9 56 52	0♓15'20	16°30	19°46	8° 5	7°27	1° 0	3°21	5°24	25°43	7°48	22°54	22°39	29°44	n.a.	T 24
F 25	10 0 48	1°12'34	0♒27	19°25	9°18	8° 7	1° 5	3°17	5°24	25°44	7°46	22°54	22°35	29°50	n.a.	F 25
S 26	10 4 45	2° 9'47	14°12	19° 8	10°30	8°47	1°10	3°12	5°25	25°44	7°45	22°55	22°32	29°57	n.a.	S 26
S 27	10 8 42	3° 6'59	27°44	18°55	11°43	9°27	1°15	3° 8	5°25	25°45	7°43	22°R55	22°29	0♊ 4	n.a.	S 27
M28	10 12 38	4° 4'11	11♓ 1	18°46	12°56	10° 8	1°20	3° 4	5°26	25°46	7°42	22°54	22°26	0°11	n.a.	M28
T 29	10 16 35	5° 1'21	24° 1	18°41	14° 8	10°48	1°25	2°59	5°27	25°46	7°40	22°53	22°23	0°17	n.a.	T 29
W30	10 20 31	5°58'31	6♈45	18°D41	15°21	11°28	1°30	2°55	5°27	25°47	7°38	22°52	22°20	0°24	n.a.	W30
T 31	10 24 28	6♓55'39	19♈13	18♒45	16♒34	12♓ 8	1♐34	2♍50	5♊28	25♉48	7♍37	22♒50	22♒16	0♊31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	18s43	3s49	2n 4	9s50	3n20	24s43	1s 1	15s11	0s36	20s33	0s14	12n40	2n54	22n12	0n23	19n26	0s18	21n32	14n 1	14s16	13s57	25n 4			n.a.
W 2	18 28	2n19	3 5	9 42	3 20	24 39	1 3	14 56	0 36	20 35	0 14	12 41	2 55	22 12	0 23	19 26	0 18	21 33	14 1	14 16	13 58	25 5			n.a.
T 3	18 12	8 11	3 56	9 37	3 20	24 34	1 5	14 42	0 35	20 38	0 15	12 43	2 55	22 12	0 23	19 26	0 18	21 33	14 1	14 16	13 59	25 7			n.a.
F 4	17 56	13 38	4 36	9 34	3 18	24 28	1 7	14 28	0 35	20 40	0 15	12 45	2 55	22 12	0 23	19 26	0 18	21 34	14 1	14 15	14 0	25 8			n.a.
S 5	17 39	18 29	5 2	9 35	3 15	24 22	1 8	14 13	0 34	20 42	0 15	12 46	2 55	22 12	0 23	19 26	0 18	21 35	14 1	14 15	14 1	25 10			n.a.
S 6	17 22	22 33	5 15	9 39	3 11	24 14	1 10	13 59	0 33	20 44	0 15	12 48	2 55	22 11	0 23	19 26	0 18	21 35	14 1	14 15	14 2	25 12			n.a.
M 7	17 6	25 42	5 14	9 45	3 6	24 7	1 12	13 44	0 33	20 46	0 15	12 49	2 55	22 11	0 23	19 26	0 18	21 36	14 1	14 15	14 3	25 13			n.a.
T 8	16 48	27 43	5 0	9 55	2 59	23 58	1 13	13 29	0 32	20 48	0 15	12 51	2 55	22 11	0 23	19 26	0 18	21 37	14 2	14 16	14 4	25 15			n.a.
W 9	16 31	28 29	4 33	10 7	2 51	23 49	1 15	13 14	0 32	20 50	0 16	12 52	2 55	22 11	0 23	19 26	0 18	21 37	14 2	14 16	14 5	25 16			n.a.
T 10	16 13	27 53	3 53	10 22	2 42	23 39	1 16	12 59	0 31	20 52	0 16	12 54	2 55	22 11	0 23	19 26	0 18	21 38	14 2	14 16	14 6	25 18			n.a.
F 11	15 55	25 53	3 2	10 39	2 32	23 28	1 18	12 44	0 31	20 53	0 16	12 56	2 56	22 11	0 23	19 26	0 18	21 39	14 2	14 16	14 7	25 19			n.a.
S 12	15 37	22 35	2 1	10 59	2 21	23 17	1 19	12 29	0 30	20 55	0 16	12 57	2 56	22 11	0 23	19 26	0 18	21 39	14 2	14 16	14 8	25 21			n.a.
S 13	15 18	18 7	0 52	11 20	2 8	23 5	1 20	12 14	0 30	20 57	0 16	12 59	2 56	22 11	0 23	19 26	0 18	21 40	14 2	14 17	14 10	25 22			n.a.
M14	15 0	12 43	0s20	11 43	1 55	22 52	1 21	11 59	0 29	20 59	0 17	13 1	2 56	22 11	0 23	19 26	0 18	21 41	14 2	14 17	14 11	25 24			n.a.
T 15	14 41	6 38	1 33	12 8	1 41	22 39	1 22	11 43	0 28	21 1	0 17	13 2	2 56	22 11	0 23	19 26	0 17	21 41	14 2	14 17	14 12	25 25			n.a.
W16	14 22	0 10	2 42	12 34	1 26	22 25	1 23	11 28	0 28	21 2	0 17	13 4	2 56	22 11	0 23	19 26	0 17	21 42	14 2	14 17	14 13	25 27			n.a.
T 17	14 2	6s24	3 42	13 0	1 10	22 11	1 24	11 12	0 27	21 4	0 17	13 6	2 56	22 11	0 23	19 26	0 17	21 43	14 2	14 17	14 14	25 28			n.a.
F 18	13 43	12 44	4 30	13 27	0 54	21 56	1 25	10 57	0 27	21 6	0 17	13 7	2 56	22 11	0 23	19 26	0 17	21 44	14 2	14 17	14 15	25 30			n.a.
S 19	13 23	18 28	5 2	13 54	0 38	21 40	1 26	10 41	0 26	21 7	0 18	13 9	2 56	22 11	0 23	19 27	0 17	21 44	14 2	14 17	14 16	25 31			n.a.
S 20	13 3	23 13	5 16	14 21	0 21	21 23	1 27	10 26	0 26	21 9	0 18	13 10	2 56	22 11	0 23	19 27	0 17	21 45	14 2	14 17	14 17	25 33			n.a.
M21	12 43	26 37	5 11	14 47	0 5	21 6	1 28	10 10	0 25	21 10	0 18	13 12	2 56	22 11	0 23	19 27	0 17	21 45	14 3	14 17	14 18	25 34			n.a.
T 22	12 23	28 20	4 46	15 13	0s12	20 49	1 28	9 54	0 24	21 12	0 18	13 14	2 56	22 11	0 23	19 27	0 17	21 46	14 3	14 17	14 19	25 36			n.a.
W23	12 2	28 10	4 4	15 37	0 28	20 30	1 29	9 38	0 24	21 13	0 18	13 15	2 56	22 11	0 23	19 27	0 17	21 47	14 3	14 16	14 20	25 37			n.a.
T 24	11 42	26 10	3 8	15 59	0 44	20 12	1 29	9 22	0 23	21 14	0 19	13 17	2 56	22 11	0 23	19 27	0 17	21 47	14 3	14 16	14 21	25 38			n.a.
F 25	11 21	22 36	2 1	16 21	0 59	19 52	1 30	9 7	0 23	21 16	0 19	13 19	2 56	22 11	0 23	19 27	0 17	21 48	14 2	14 16	14 22	25 40			n.a.
S 26	11 0	17 48	0 48	16 40	1 13	19 33	1 30	8 51	0 22	21 17	0 19	13 20	2 56	22 11	0 23	19 27	0 17	21 49	14 2	14 16	14 23	25 41			n.a.
S 27	10 39	12 11	0n27	16 57	1 27	19 12	1 30	8 35	0 22	21 18	0 19	13 22	2 56	22 12	0 23	19 28	0 17	21 49	14 2	14 16	14 24	25 43			n.a.
M28	10 17	6 8	1 38	17 12	1 40	18 51	1 31	8 18	0 21	21 20	0 19	13 24	2 56	22 12	0 23	19 28	0 17	21 50	14 2	14 16	14 26	25 44			n.a.
T 29	9 56	0n 3	2 43	17 25	1 52	18 30	1 31	8 2	0 20	21 21	0 20	13 25	2 56	22 12	0 23	19 28	0 17	21 51	14 2	14 16	14 27	25 45			n.a.
W30	9 34	6 5	3 39	17 36	2 3	18 8	1 31	7 46	0 20	21 22	0 20	13 27	2 56	22 12	0 23	19 28	0 17	21 51	14 2	14 17	14 28	25 47			n.a.
T 31	9s13	11n46	4n23	17s44	2s14	17s45	1s31	7s30	0s19	21s23	0s20	13n28	2n56	22n12	0n23	19n28	0s17	21n52	14n 2	14s18	14s29	25n48			n.a.

Julian Day Number = 197659.5, Delta T = 32h16m10s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'14, Lahiri = -61°16'13 Julian Calendar 1 March 4172 BCE == Greg. Calendar 27 Jan. 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

APRIL 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 28 24	7♓52'46	1♉28	18♒54	17♒46	12♓47	1♐38	2°R46	5♊29	25♉48	7°R35	22°R48	22♒13	0♊37	n.a.	F 1
S 2	10 32 21	8°49'53	13°32	19° 7	18°59	13°27	1°42	2♍42	5°30	25°49	7♍33	22♒46	22°10	0°44	n.a.	S 2
S 3	10 36 17	9°46'59	25°28	19°25	20°12	14° 7	1°46	2°37	5°31	25°50	7°32	22°45	22° 7	0°51	n.a.	S 3
M 4	10 40 14	10°44'03	7♊21	19°47	21°25	14°47	1°50	2°33	5°32	25°51	7°30	22°D44	22° 4	0°58	n.a.	M 4
T 5	10 44 11	11°41'07	19°16	20°14	22°38	15°27	1°54	2°29	5°33	25°51	7°28	22°44	22° 0	1° 4	n.a.	T 5
W 6	10 48 7	12°38'10	1♋17	20°44	23°50	16° 7	1°57	2°25	5°34	25°52	7°27	22°45	21°57	1°11	n.a.	W 6
T 7	10 52 4	13°35'12	13°28	21°20	25° 3	16°46	2° 0	2°20	5°35	25°53	7°25	22°46	21°54	1°18	n.a.	T 7
F 8	10 56 0	14°32'13	25°54	21°59	26°16	17°26	2° 3	2°16	5°37	25°54	7°23	22°48	21°51	1°25	n.a.	F 8
S 9	10 59 57	15°29'14	8♌38	22°42	27°29	18° 6	2° 6	2°12	5°38	25°55	7°22	22°49	21°48	1°31	n.a.	S 9
S 10	11 3 53	16°26'14	21°43	23°29	28°42	18°45	2° 9	2° 8	5°39	25°56	7°20	22°R50	21°45	1°38	n.a.	S 10
M11	11 7 50	17°23'13	5♍ 9	24°20	29°55	19°25	2°11	2° 4	5°40	25°57	7°19	22°49	21°41	1°45	n.a.	M11
T 12	11 11 46	18°20'11	18°55	25°15	1♓ 8	20° 4	2°13	1°59	5°42	25°58	7°17	22°48	21°38	1°51	n.a.	T 12
W13	11 15 43	19°17'10	3♎ 0	26°14	2°21	20°44	2°15	1°55	5°43	25°59	7°15	22°45	21°35	1°58	n.a.	W13
T 14	11 19 40	20°14'08	17°19	27°16	3°34	21°23	2°17	1°51	5°45	26° 0	7°14	22°41	21°32	2° 5	n.a.	T 14
F 15	11 23 36	21°11'05	1♏45	28°22	4°47	22° 3	2°19	1°47	5°46	26° 2	7°12	22°37	21°29	2°12	n.a.	F 15
S 16	11 27 33	22° 8'03	16°15	29°32	6° 0	22°42	2°21	1°43	5°48	26° 3	7°11	22°34	21°25	2°18	n.a.	S 16
S 17	11 31 29	23° 5'01	0♐42	0♓44	7°13	23°22	2°22	1°39	5°50	26° 4	7° 9	22°31	21°22	2°25	n.a.	S 17
M18	11 35 26	24° 1'59	15° 2	2° 1	8°26	24° 1	2°23	1°36	5°51	26° 5	7° 7	22°29	21°19	2°32	n.a.	M18
T 19	11 39 22	24°58'57	29°12	3°20	9°39	24°41	2°24	1°32	5°53	26° 6	7° 6	22°D29	21°16	2°38	n.a.	T 19
W20	11 43 19	25°55'56	13♑11	4°44	10°52	25°20	2°25	1°28	5°55	26° 8	7° 4	22°30	21°13	2°45	n.a.	W20
T 21	11 47 16	26°52'54	26°56	6°10	12° 5	25°59	2°26	1°24	5°57	26° 9	7° 3	22°31	21°10	2°52	n.a.	T 21
F 22	11 51 12	27°49'53	10♒29	7°39	13°18	26°39	2°26	1°21	5°59	26°10	7° 1	22°33	21° 6	2°59	n.a.	F 22
S 23	11 55 9	28°46'52	23°50	9°12	14°32	27°18	2°26	1°17	6° 0	26°12	7° 0	22°R33	21° 3	3° 5	n.a.	S 23
S 24	11 59 5	29°43'51	6♓58	10°48	15°45	27°57	2°R26	1°13	6° 2	26°13	6°58	22°32	21° 0	3°12	n.a.	S 24
M25	12 3 2	0♈40'50	19°54	12°27	16°58	28°36	2°26	1°10	6° 4	26°14	6°57	22°30	20°57	3°19	n.a.	M25
T 26	12 6 59	1°37'49	2♈37	14°10	18°11	29°15	2°26	1° 6	6° 7	26°16	6°55	22°25	20°54	3°26	n.a.	T 26
W27	12 10 55	2°34'48	15° 9	15°55	19°25	29°55	2°25	1° 3	6° 9	26°17	6°54	22°19	20°51	3°32	n.a.	W27
T 28	12 14 52	3°31'48	27°28	17°43	20°38	0♈34	2°24	0°59	6°11	26°19	6°52	22°12	20°47	3°39	n.a.	T 28
F 29	12 18 48	4°28'47	9♉38	19°34	21°51	1°13	2°23	0°56	6°13	26°20	6°51	22° 4	20°44	3°46	n.a.	F 29
S 30	12 22 45	5♈25'47	21♉38	21♓28	23♓ 5	1♈52	2♐22	0♍53	6♊15	26♉22	6♍50	21♒57	20♒41	3♊52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s51	16n53	4n54	17s50	2s23	17s22	1s31	7s14	0s19	21s24	0s20	13n30	2n56	22n12	0n23	19n29	0s17	21n52	14n 2	14s18	14s30	25n50		n.a.
S 2	8 29	21 16	5 11	17 54	2 32	16 59	1 31	6 58	0 18	21 25	0 21	13 32	2 56	22 12	0 23	19 29	0 17	21 53	14 2	14 19	14 31	25 51		n.a.
S 3	8 7	24 45	5 15	17 55	2 39	16 35	1 31	6 41	0 18	21 26	0 21	13 33	2 56	22 12	0 23	19 29	0 17	21 53	14 2	14 19	14 32	25 52		n.a.
M 4	7 45	27 10	5 5	17 54	2 46	16 11	1 30	6 25	0 17	21 27	0 21	13 35	2 56	22 13	0 23	19 29	0 17	21 54	14 2	14 19	14 33	25 54		n.a.
T 5	7 23	28 21	4 42	17 51	2 51	15 46	1 30	6 9	0 16	21 28	0 21	13 36	2 56	22 13	0 23	19 29	0 17	21 55	14 2	14 19	14 34	25 55		n.a.
W 6	7 0	28 13	4 7	17 45	2 56	15 21	1 30	5 52	0 16	21 29	0 21	13 38	2 56	22 13	0 23	19 30	0 17	21 55	14 2	14 19	14 35	25 56		n.a.
T 7	6 38	26 44	3 20	17 37	3 0	14 56	1 29	5 36	0 15	21 30	0 22	13 39	2 56	22 13	0 23	19 30	0 17	21 56	14 2	14 19	14 36	25 58		n.a.
F 8	6 15	23 54	2 23	17 26	3 2	14 30	1 29	5 20	0 15	21 31	0 22	13 41	2 56	22 13	0 23	19 30	0 17	21 56	14 1	14 18	14 37	25 59		n.a.
S 9	5 53	19 51	1 17	17 14	3 4	14 4	1 28	5 3	0 14	21 32	0 22	13 42	2 56	22 14	0 23	19 30	0 17	21 57	14 1	14 18	14 38	26 0		n.a.
S 10	5 30	14 46	0 6	16 58	3 5	13 37	1 27	4 47	0 14	21 32	0 22	13 44	2 56	22 14	0 23	19 31	0 17	21 57	14 1	14 18	14 39	26 2		n.a.
M11	5 7	8 51	1s 7	16 41	3 6	13 10	1 27	4 30	0 13	21 33	0 23	13 45	2 56	22 14	0 23	19 31	0 17	21 58	14 1	14 18	14 40	26 3		n.a.
T 12	4 44	2 24	2 18	16 21	3 5	12 43	1 26	4 14	0 12	21 34	0 23	13 47	2 55	22 14	0 23	19 31	0 17	21 58	14 1	14 18	14 41	26 4		n.a.
W13	4 21	4s18	3 22	15 59	3 3	12 15	1 25	3 57	0 12	21 35	0 23	13 48	2 55	22 15	0 23	19 32	0 17	21 59	14 1	14 19	14 42	26 5		n.a.
T 14	3 58	10 53	4 15	15 35	3 1	11 47	1 24	3 41	0 11	21 35	0 23	13 50	2 55	22 15	0 23	19 32	0 17	21 59	14 0	14 20	14 44	26 7		n.a.
F 15	3 35	16 58	4 52	15 9	2 58	11 19	1 23	3 24	0 11	21 36	0 24	13 51	2 55	22 15	0 23	19 32	0 17	22 0	14 0	14 22	14 45	26 8		n.a.
S 16	3 12	22 6	5 10	14 40	2 55	10 50	1 22	3 8	0 10	21 36	0 24	13 52	2 55	22 15	0 23	19 32	0 17	22 0	14 0	14 23	14 46	26 9		n.a.
S 17	2 49	25 54	5 9	14 10	2 50	10 21	1 21	2 51	0 10	21 37	0 24	13 54	2 55	22 16	0 23	19 33	0 17	22 0	14 0	14 24	14 47	26 10		n.a.
M18	2 26	28 1	4 48	13 37	2 45	9 52	1 20	2 35	0 9	21 37	0 24	13 55	2 55	22 16	0 23	19 33	0 17	22 1	14 0	14 24	14 48	26 12		n.a.
T 19	2 3	28 17	4 11	13 2	2 39	9 23	1 19	2 18	0 8	21 38	0 24	13 56	2 55	22 16	0 23	19 33	0 17	22 1	13 59	14 24	14 49	26 13		n.a.
W20	1 40	26 44	3 18	12 25	2 33	8 53	1 18	2 2	0 8	21 38	0 25	13 58	2 55	22 17	0 23	19 34	0 17	22 2	13 59	14 24	14 50	26 14		n.a.
T 21	1 16	23 34	2 15	11 45	2 26	8 24	1 17	1 45	0 7	21 38	0 25	13 59	2 54	22 17	0 23	19 34	0 17	22 2	13 59	14 24	14 51	26 15		n.a.
F 22	0 53	19 9	1 5	11 4	2 19	7 54	1 15	1 28	0 7	21 39	0 25	14 0	2 54	22 17	0 23	19 34	0 17	22 2	13 59	14 23	14 52	26 17		n.a.
S 23	0 30	13 51	0n 7	10 21	2 11	7 23	1 14	1 12	0 6	21 39	0 25	14 1	2 54	22 18	0 23	19 35	0 17	22 3	13 58	14 23	14 53	26 18		n.a.
S 24	0 7	8 0	1 18	9 35	2 2	6 53	1 12	0 55	0 6	21 39	0 26	14 3	2 54	22 18	0 23	19 35	0 17	22 3	13 58	14 23	14 54	26 19		n.a.
M25	0n17	1 56	2 23	8 48	1 53	6 22	1 11	0 39	0 5	21 40	0 26	14 4	2 54	22 18	0 23	19 35	0 17	22 3	13 58	14 24	14 55	26 20		n.a.
T 26	0 40	4n 7	3 20	7 59	1 43	5 51	1 9	0 22	0 4	21 40	0 26	14 5	2 54	22 19	0 23	19 36	0 17	22 4	13 58	14 26	14 56	26 21		n.a.
W27	1 3	9 54	4 6	7 8	1 33	5 20	1 8	0 6	0 4	21 40	0 26	14 6	2 53	22 19	0 23	19 36	0 17	22 4	13 57	14 28	14 57	26 23		n.a.
T 28	1 26	15 12	4 40	6 15	1 23	4 49	1 6	0n11	0 3	21 40	0 27	14 7	2 53	22 19	0 23	19 37	0 16	22 4	13 57	14 30	14 58	26 24		n.a.
F 29	1 50	19 50	5 1	5 21	1 13	4 18	1 4	0 27	0 3	21 40	0 27	14 8	2 53	22 20	0 23	19 37	0 16	22 5	13 57	14 33	14 59	26 25		n.a.
S 30	2n13	23n38	5n 8	4s25	1s 2	3s47	1s 3	0n44	0s 2	21s40	0s27	14n 9	2n53	22n20	0n23	19n37	0s16	22n 5	13n57	14s35	15s 0	26n26		n.a.

Julian Day Number = 197690.5, Delta T = 32h16m07s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'09, Lahiri = -61°16'09 Julian Calendar 1 Apr. 4172 BCE == Greg. Calendar 27 Feb. 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

MAY 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 26 41	6♈22'47	3♊33	23♓24	24♓18	2♈31	2°R21	0°R50	6♊17	26♉23	6°R48	21°R51	20♒38	3♊59	n.a.	S 1
M 2	12 30 38	7°19'46	15°24	25°22	25°31	3°10	2♐19	0♍47	6°20	26°25	6♍47	21♒47	20°35	4° 6	n.a.	M 2
T 3	12 34 35	8°16'46	27°17	27°23	26°45	3°49	2°18	0°44	6°22	26°27	6°46	21°45	20°31	4°13	n.a.	T 3
W 4	12 38 31	9°13'46	9♋16	29°26	27°58	4°28	2°16	0°41	6°25	26°28	6°44	21°D44	20°28	4°19	n.a.	W 4
T 5	12 42 28	10°10'47	21°26	1♈30	29°12	5° 7	2°14	0°38	6°27	26°30	6°43	21°44	20°25	4°26	n.a.	T 5
F 6	12 46 24	11° 7'47	3♌51	3°36	0♈25	5°46	2°12	0°35	6°30	26°32	6°42	21°46	20°22	4°33	n.a.	F 6
S 7	12 50 21	12° 4'48	16°36	5°43	1°39	6°25	2° 9	0°32	6°32	26°33	6°40	21°R46	20°19	4°39	n.a.	S 7
S 8	12 54 17	13° 1'48	29°45	7°51	2°52	7° 4	2° 6	0°30	6°35	26°35	6°39	21°46	20°16	4°46	n.a.	S 8
M 9	12 58 14	13°58'49	13♍21	10° 0	4° 6	7°43	2° 4	0°27	6°37	26°37	6°38	21°44	20°12	4°53	n.a.	M 9
T 10	13 2 11	14°55'51	27°22	12° 8	5°19	8°21	2° 1	0°25	6°40	26°38	6°37	21°40	20° 9	5° 0	n.a.	T 10
W11	13 6 7	15°52'53	11♎47	14°17	6°33	9° 0	1°57	0°22	6°42	26°40	6°36	21°34	20° 6	5° 6	n.a.	W11
T 12	13 10 4	16°49'56	26°30	16°26	7°46	9°39	1°54	0°20	6°45	26°42	6°34	21°26	20° 3	5°13	n.a.	T 12
F 13	13 14 0	17°46'59	11♏23	18°34	9° 0	10°18	1°51	0°18	6°48	26°44	6°33	21°18	20° 0	5°20	n.a.	F 13
S 14	13 17 57	18°44'03	26°17	20°41	10°14	10°56	1°47	0°15	6°51	26°46	6°32	21°10	19°56	5°27	n.a.	S 14
S 15	13 21 53	19°41'09	11♐ 5	22°47	11°27	11°35	1°43	0°13	6°54	26°47	6°31	21° 3	19°53	5°33	n.a.	S 15
M16	13 25 50	20°38'15	25°39	24°53	12°41	12°14	1°39	0°11	6°56	26°49	6°30	20°59	19°50	5°40	n.a.	M16
T 17	13 29 47	21°35'23	9♑55	26°57	13°55	12°53	1°35	0° 9	6°59	26°51	6°29	20°57	19°47	5°47	n.a.	T 17
W18	13 33 43	22°32'31	23°51	29° 0	15° 9	13°31	1°30	0° 7	7° 2	26°53	6°28	20°D56	19°44	5°53	n.a.	W18
T 19	13 37 40	23°29'41	7♒28	1♉ 1	16°22	14°10	1°26	0° 6	7° 5	26°55	6°27	20°56	19°41	6° 0	n.a.	T 19
F 20	13 41 36	24°26'52	20°46	3° 1	17°36	14°49	1°21	0° 4	7° 8	26°57	6°26	20°R57	19°37	6° 7	n.a.	F 20
S 21	13 45 33	25°24'04	3♓49	5° 0	18°50	15°27	1°16	0° 2	7°11	26°59	6°25	20°56	19°34	6°14	n.a.	S 21
S 22	13 49 30	26°21'18	16°37	6°56	20° 4	16° 6	1°11	0° 1	7°14	27° 1	6°24	20°53	19°31	6°20	n.a.	S 22
M23	13 53 26	27°18'32	29°15	8°52	21°18	16°44	1° 6	29♌59	7°17	27° 3	6°23	20°48	19°28	6°27	n.a.	M23
T 24	13 57 23	28°15'48	11♈41	10°45	22°32	17°23	1° 0	29°58	7°20	27° 5	6°22	20°40	19°25	6°34	n.a.	T 24
W25	14 1 19	29°13'05	23°59	12°37	23°46	18° 1	0°55	29°57	7°23	27° 7	6°22	20°30	19°22	6°40	n.a.	W25
T 26	14 5 16	0♉10'23	6♉ 8	14°27	25° 0	18°40	0°49	29°56	7°27	27° 9	6°21	20°17	19°18	6°47	n.a.	T 26
F 27	14 9 12	1° 7'42	18°10	16°16	26°14	19°18	0°44	29°55	7°30	27°11	6°20	20° 5	19°15	6°54	n.a.	F 27
S 28	14 13 9	2° 5'02	0♊ 6	18° 3	27°28	19°57	0°38	29°54	7°33	27°13	6°19	19°53	19°12	7° 1	n.a.	S 28
S 29	14 17 6	3° 2'24	11°58	19°48	28°42	20°35	0°32	29°53	7°36	27°15	6°19	19°42	19° 9	7° 7	n.a.	S 29
M30	14 21 2	3°59'46	23°48	21°32	29°56	21°14	0°25	29°52	7°40	27°17	6°18	19°33	19° 6	7°14	n.a.	M30
T 31	14 24 59	4♉57'10	5♋40	23♉14	1♉10	21♈52	0♐19	29♌51	7♊43	27♉19	6♍17	19♒27	19♒ 2	7♊21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	2n36	26n23	5n 2	3s28	0s51	3s15	1s 1	1n 0	0s 2	21s40	0s27	14n10	2n53	22n21	0n23	19n38	0s16	22n 5	13n56	14s37	15s 1	26n27					n.a.
M 2	2 59	27 58	4 43	2 30	0 40	2 44	0 59	1 17	0 1	21 40	0 28	14 11	2 53	22 21	0 23	19 38	0 16	22 5	13 56	14 39	15 2	26 28					n.a.
T 3	3 22	28 16	4 11	1 30	0 29	2 12	0 57	1 33	0 0	21 40	0 28	14 12	2 52	22 21	0 23	19 39	0 16	22 6	13 56	14 39	15 3	26 29					n.a.
W 4	3 45	27 15	3 29	0 30	0 18	1 40	0 55	1 50	0n 0	21 40	0 28	14 13	2 52	22 22	0 23	19 39	0 16	22 6	13 55	14 40	15 4	26 31					n.a.
T 5	4 8	24 55	2 36	0n31	0 7	1 9	0 54	2 6	0 1	21 39	0 28	14 14	2 52	22 22	0 23	19 39	0 16	22 6	13 55	14 39	15 5	26 32					n.a.
F 6	4 31	21 22	1 35	1 32	0n 4	0 37	0 52	2 22	0 1	21 39	0 29	14 15	2 52	22 23	0 23	19 40	0 16	22 6	13 55	14 39	15 6	26 33					n.a.
S 7	4 54	16 45	0 28	2 33	0 15	0 5	0 50	2 39	0 2	21 39	0 29	14 15	2 52	22 23	0 23	19 40	0 16	22 6	13 54	14 39	15 8	26 34					n.a.
S 8	5 17	11 13	0s43	3 35	0 25	0n27	0 48	2 55	0 2	21 39	0 29	14 16	2 51	22 24	0 23	19 41	0 16	22 7	13 54	14 39	15 9	26 35					n.a.
M 9	5 40	4 59	1 53	4 36	0 35	0 59	0 45	3 11	0 3	21 38	0 29	14 17	2 51	22 24	0 23	19 41	0 16	22 7	13 53	14 39	15 10	26 36					n.a.
T 10	6 3	1s39	2 59	5 36	0 44	1 31	0 43	3 28	0 4	21 38	0 30	14 18	2 51	22 24	0 23	19 42	0 16	22 7	13 53	14 41	15 11	26 37					n.a.
W11	6 25	8 22	3 55	6 36	0 53	2 2	0 41	3 44	0 4	21 38	0 30	14 18	2 51	22 25	0 23	19 42	0 16	22 7	13 53	14 43	15 12	26 38					n.a.
T 12	6 48	14 47	4 37	7 35	1 2	2 34	0 39	4 0	0 5	21 37	0 30	14 19	2 51	22 25	0 23	19 42	0 16	22 7	13 52	14 45	15 13	26 39					n.a.
F 13	7 10	20 24	5 0	8 32	1 10	3 6	0 37	4 16	0 5	21 37	0 30	14 20	2 50	22 26	0 23	19 43	0 16	22 7	13 52	14 48	15 14	26 40					n.a.
S 14	7 32	24 46	5 3	9 29	1 17	3 38	0 35	4 32	0 6	21 36	0 31	14 20	2 50	22 26	0 23	19 43	0 16	22 7	13 52	14 51	15 15	26 41					n.a.
S 15	7 55	27 28	4 46	10 24	1 24	4 9	0 33	4 48	0 6	21 36	0 31	14 21	2 50	22 27	0 23	19 44	0 16	22 7	13 51	14 53	15 16	26 42					n.a.
M16	8 17	28 13	4 11	11 17	1 30	4 41	0 30	5 4	0 7	21 35	0 31	14 21	2 50	22 27	0 23	19 44	0 16	22 7	13 51	14 54	15 17	26 43					n.a.
T 17	8 39	27 4	3 21	12 9	1 35	5 13	0 28	5 20	0 8	21 34	0 31	14 22	2 49	22 28	0 23	19 45	0 16	22 7	13 50	14 55	15 18	26 44					n.a.
W18	9 1	24 14	2 19	12 59	1 40	5 44	0 26	5 36	0 8	21 34	0 32	14 22	2 49	22 28	0 23	19 45	0 16	22 7	13 50	14 55	15 19	26 45					n.a.
T 19	9 22	20 4	1 11	13 47	1 45	6 15	0 24	5 52	0 9	21 33	0 32	14 23	2 49	22 29	0 23	19 46	0 16	22 7	13 49	14 55	15 20	26 46					n.a.
F 20	9 44	14 59	0 1	14 33	1 48	6 46	0 21	6 8	0 9	21 32	0 32	14 23	2 49	22 29	0 23	19 46	0 16	22 7	13 49	14 55	15 21	26 47					n.a.
S 21	10 6	9 20	1n 8	15 17	1 51	7 17	0 19	6 24	0 10	21 31	0 32	14 23	2 48	22 30	0 23	19 47	0 16	22 7	13 49	14 55	15 22	26 48					n.a.
S 22	10 27	3 24	2 12	16 0	1 53	7 48	0 17	6 40	0 10	21 31	0 33	14 24	2 48	22 30	0 23	19 47	0 16	22 7	13 48	14 56	15 23	26 49					n.a.
M23	10 48	2n33	3 9	16 40	1 55	8 19	0 14	6 56	0 11	21 30	0 33	14 24	2 48	22 31	0 23	19 48	0 16	22 7	13 48	14 58	15 24	26 50					n.a.
T 24	11 9	8 20	3 55	17 18	1 56	8 49	0 12	7 11	0 12	21 29	0 33	14 24	2 48	22 31	0 23	19 48	0 16	22 7	13 47	15 1	15 25	26 51					n.a.
W25	11 30	13 43	4 30	17 55	1 57	9 20	0 10	7 27	0 12	21 28	0 33	14 24	2 47	22 32	0 23	19 49	0 16	22 7	13 47	15 4	15 26	26 52					n.a.
T 26	11 51	18 31	4 52	18 29	1 57	9 50	0 7	7 43	0 13	21 27	0 34	14 25	2 47	22 32	0 23	19 49	0 16	22 7	13 46	15 8	15 27	26 53					n.a.
F 27	12 12	22 31	5 1	19 1	1 56	10 20	0 5	7 58	0 13	21 26	0 34	14 25	2 47	22 33	0 23	19 50	0 16	22 7	13 46	15 12	15 28	26 54					n.a.
S 28	12 32	25 34	4 56	19 32	1 55	10 49	0 2	8 14	0 14	21 25	0 34	14 25	2 47	22 34	0 23	19 50	0 16	22 7	13 45	15 16	15 29	26 55					n.a.
S 29	12 52	27 28	4 39	20 0	1 53	11 19	0 0	8 29	0 14	21 24	0 34	14 25	2 46	22 34	0 23	19 51	0 16	22 7	13 45	15 20	15 30	26 56					n.a.
M30	13 12	28 7	4 10	20 27	1 51	11 48	0n 2	8 44	0 15	21 23	0 35	14 25	2 46	22 35	0 23	19 51	0 16	22 6	13 45	15 22	15 31	26 57					n.a.
T 31	13n32	27n29	3n29	20n51	1n49	12n17	0n 5	9n 0	0n16	21s21	0s35	14n25	2n46	22n35	0n23	19n52	0s16	22n 6	13n44	15s24	15s32	26n58					n.a.

Julian Day Number = 197720.5, Delta T = 32h16m04s
Ecliptic obliquity = 24°07'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'05, Lahiri = -61°16'05 Julian Calendar 1 May 4172 BCE == Greg. Calendar 29 March 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

JUNE 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 28 55	5♉54'35	17♋36	24♉55	2♉24	22♈31	0°R13	29°R51	7♊46	27♉21	6°R17	19°R24	18♒59	7♊27	n.a.	W 1
T 2	14 32 52	6°52'01	29°43	26°33	3°38	23° 9	0♐ 6	29♌50	7°50	27°23	6♍16	19♒23	18°56	7°34	n.a.	T 2
F 3	14 36 48	7°49'27	12♌ 5	28°11	4°52	23°47	29♏59	29°50	7°53	27°26	6°16	19°22	18°53	7°41	n.a.	F 3
S 4	14 40 45	8°46'55	24°47	29°46	6° 6	24°26	29°53	29°50	7°56	27°28	6°15	19°22	18°50	7°48	n.a.	S 4
S 5	14 44 42	9°44'24	7♍54	1♊20	7°21	25° 4	29°46	29°49	8° 0	27°30	6°15	19°21	18°47	7°54	n.a.	S 5
M 6	14 48 38	10°41'55	21°29	2°52	8°35	25°42	29°39	29°49	8° 3	27°32	6°14	19°18	18°43	8° 1	n.a.	M 6
T 7	14 52 35	11°39'26	5♎34	4°23	9°49	26°21	29°32	29°D49	8° 7	27°34	6°14	19°13	18°40	8° 8	n.a.	T 7
W 8	14 56 31	12°36'59	20° 6	5°52	11° 3	26°59	29°24	29°49	8°10	27°36	6°13	19° 5	18°37	8°14	n.a.	W 8
T 9	15 0 28	13°34'33	5♏ 2	7°19	12°17	27°37	29°17	29°49	8°14	27°38	6°13	18°55	18°34	8°21	n.a.	T 9
F 10	15 4 24	14°32'09	20°12	8°45	13°32	28°15	29°10	29°50	8°17	27°41	6°13	18°44	18°31	8°28	n.a.	F 10
S 11	15 8 21	15°29'46	5♐26	10° 9	14°46	28°54	29° 3	29°50	8°21	27°43	6°12	18°34	18°28	8°35	n.a.	S 11
S 12	15 12 18	16°27'26	20°34	11°31	16° 0	29°32	28°55	29°50	8°24	27°45	6°12	18°25	18°24	8°41	n.a.	S 12
M13	15 16 14	17°25'07	5♑25	12°52	17°15	0♉10	28°48	29°51	8°28	27°47	6°12	18°18	18°21	8°48	n.a.	M13
T 14	15 20 11	18°22'50	19°53	14°10	18°29	0°48	28°40	29°52	8°31	27°49	6°12	18°14	18°18	8°55	n.a.	T 14
W15	15 24 7	19°20'35	3♒57	15°27	19°44	1°27	28°32	29°52	8°35	27°52	6°11	18°13	18°15	9° 1	n.a.	W15
T 16	15 28 4	20°18'22	17°34	16°42	20°58	2° 5	28°25	29°53	8°39	27°54	6°11	18°12	18°12	9° 8	n.a.	T 16
F 17	15 32 0	21°16'10	0♓49	17°55	22°13	2°43	28°17	29°54	8°42	27°56	6°11	18°12	18° 8	9°15	n.a.	F 17
S 18	15 35 57	22°14'01	13°43	19° 5	23°27	3°21	28° 9	29°55	8°46	27°58	6°11	18°11	18° 5	9°22	n.a.	S 18
S 19	15 39 53	23°11'54	26°21	20°14	24°42	3°59	28° 1	29°56	8°49	28° 0	6°11	18° 8	18° 2	9°28	n.a.	S 19
M20	15 43 50	24° 9'49	8♈45	21°20	25°56	4°37	27°53	29°57	8°53	28° 3	6°D11	18° 2	17°59	9°35	n.a.	M20
T 21	15 47 47	25° 7'46	20°59	22°24	27°11	5°15	27°46	29°59	8°57	28° 5	6°11	17°53	17°56	9°42	n.a.	T 21
W22	15 51 43	26° 5'45	3♉ 5	23°26	28°25	5°53	27°38	0♍ 0	9° 1	28° 7	6°11	17°41	17°53	9°48	n.a.	W22
T 23	15 55 40	27° 3'46	15° 6	24°25	29°40	6°32	27°30	0° 2	9° 4	28° 9	6°11	17°28	17°49	9°55	n.a.	T 23
F 24	15 59 36	28° 1'49	27° 1	25°21	0♊54	7°10	27°22	0° 3	9° 8	28°12	6°11	17°14	17°46	10° 2	n.a.	F 24
S 25	16 3 33	28°59'54	8♊54	26°14	2° 9	7°48	27°14	0° 5	9°12	28°14	6°12	17° 1	17°43	10° 9	n.a.	S 25
S 26	16 7 29	29°58'01	20°44	27° 4	3°24	8°26	27° 6	0° 7	9°15	28°16	6°12	16°49	17°40	10°15	n.a.	S 26
M27	16 11 26	0♊56'10	2♋35	27°51	4°38	9° 4	26°58	0° 9	9°19	28°18	6°12	16°39	17°37	10°22	n.a.	M27
T 28	16 15 22	1°54'21	14°27	28°34	5°53	9°42	26°50	0°10	9°23	28°21	6°12	16°32	17°34	10°29	n.a.	T 28
W29	16 19 19	2°52'33	26°26	29°14	7° 8	10°20	26°43	0°13	9°27	28°23	6°13	16°28	17°30	10°36	n.a.	W29
T 30	16 23 16	3♊50'48	8♌33	29♊50	8♊22	10♉58	26♏35	0♍15	9♊30	28♉25	6♍13	16♒26	17♒27	10♊42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n52	25n33	2n40	21n14	1n46	12n45	0n 7	9n15	0n16	21s20	0s35	14n25	2n46	22n36	0n23	19n52	0s16	22n 6	13n44	15s25	15s33	26n59		n.a.
T 2	14 11	22 27	1 42	21 35	1 42	13 14	0 9	9 30	0 17	21 19	0 35	14 25	2 45	22 36	0 23	19 53	0 16	22 6	13 43	15 26	15 34	27 0		n.a.
F 3	14 31	18 16	0 39	21 54	1 38	13 41	0 12	9 45	0 17	21 18	0 35	14 25	2 45	22 37	0 23	19 53	0 16	22 6	13 43	15 26	15 35	27 1		n.a.
S 4	14 50	13 11	0s29	22 12	1 34	14 9	0 14	10 0	0 18	21 17	0 36	14 25	2 45	22 37	0 23	19 54	0 16	22 5	13 42	15 26	15 36	27 1		n.a.
S 5	15 8	7 22	1 36	22 27	1 29	14 36	0 16	10 15	0 18	21 15	0 36	14 25	2 45	22 38	0 23	19 54	0 16	22 5	13 42	15 26	15 37	27 2		n.a.
M 6	15 27	1 1	2 41	22 41	1 23	15 3	0 19	10 30	0 19	21 14	0 36	14 24	2 44	22 39	0 23	19 55	0 16	22 5	13 41	15 27	15 38	27 3		n.a.
T 7	15 45	5s35	3 38	22 53	1 18	15 30	0 21	10 45	0 20	21 13	0 36	14 24	2 44	22 39	0 23	19 55	0 16	22 5	13 41	15 29	15 39	27 4		n.a.
W 8	16 4	12 7	4 23	23 4	1 12	15 56	0 23	11 0	0 20	21 11	0 37	14 24	2 44	22 40	0 23	19 56	0 16	22 4	13 40	15 31	15 40	27 5		n.a.
T 9	16 21	18 7	4 51	23 13	1 5	16 22	0 25	11 14	0 21	21 10	0 37	14 24	2 44	22 40	0 23	19 56	0 16	22 4	13 40	15 35	15 41	27 6		n.a.
F 10	16 39	23 6	5 0	23 21	0 58	16 47	0 28	11 29	0 21	21 8	0 37	14 23	2 43	22 41	0 23	19 57	0 16	22 4	13 39	15 38	15 42	27 7		n.a.
S 11	16 56	26 31	4 47	23 27	0 51	17 12	0 30	11 44	0 22	21 7	0 37	14 23	2 43	22 41	0 23	19 57	0 16	22 3	13 39	15 41	15 43	27 7		n.a.
S 12	17 14	28 0	4 15	23 31	0 44	17 36	0 32	11 58	0 22	21 5	0 37	14 22	2 43	22 42	0 23	19 58	0 16	22 3	13 38	15 44	15 44	27 8		n.a.
M13	17 30	27 25	3 25	23 35	0 36	18 0	0 34	12 12	0 23	21 4	0 38	14 22	2 42	22 43	0 23	19 58	0 16	22 2	13 38	15 46	15 45	27 9		n.a.
T 14	17 47	24 58	2 23	23 37	0 28	18 24	0 36	12 27	0 24	21 2	0 38	14 21	2 42	22 43	0 23	19 59	0 16	22 2	13 37	15 48	15 46	27 10		n.a.
W15	18 3	21 1	1 15	23 37	0 20	18 47	0 38	12 41	0 24	21 1	0 38	14 21	2 42	22 44	0 23	19 59	0 16	22 2	13 36	15 48	15 47	27 11		n.a.
T 16	18 19	16 3	0 3	23 37	0 11	19 9	0 41	12 55	0 25	20 59	0 38	14 20	2 42	22 44	0 23	20 0	0 16	22 1	13 36	15 48	15 48	27 11		n.a.
F 17	18 35	10 28	1n 6	23 35	0 2	19 31	0 43	13 9	0 25	20 58	0 38	14 20	2 41	22 45	0 23	20 0	0 16	22 1	13 35	15 48	15 49	27 12		n.a.
S 18	18 51	4 35	2 10	23 32	0s 7	19 53	0 45	13 23	0 26	20 56	0 39	14 19	2 41	22 46	0 23	20 1	0 16	22 0	13 35	15 49	15 50	27 13		n.a.
S 19	19 6	1n21	3 7	23 28	0 17	20 14	0 47	13 37	0 26	20 54	0 39	14 19	2 41	22 46	0 23	20 1	0 16	22 0	13 34	15 50	15 51	27 14		n.a.
M20	19 21	7 7	3 53	23 23	0 26	20 34	0 49	13 51	0 27	20 53	0 39	14 18	2 41	22 47	0 23	20 2	0 16	21 59	13 34	15 51	15 52	27 14		n.a.
T 21	19 35	12 32	4 28	23 17	0 36	20 54	0 50	14 4	0 28	20 51	0 39	14 17	2 40	22 47	0 23	20 2	0 16	21 59	13 33	15 54	15 53	27 15		n.a.
W22	19 49	17 25	4 50	23 11	0 46	21 13	0 52	14 18	0 28	20 50	0 39	14 16	2 40	22 48	0 23	20 3	0 16	21 58	13 33	15 58	15 54	27 16		n.a.
T 23	20 3	21 34	4 59	23 3	0 57	21 32	0 54	14 32	0 29	20 48	0 40	14 16	2 40	22 49	0 23	20 4	0 16	21 58	13 32	16 2	15 55	27 17		n.a.
F 24	20 17	24 49	4 55	22 55	1 7	21 50	0 56	14 45	0 29	20 46	0 40	14 15	2 39	22 49	0 23	20 4	0 16	21 57	13 32	16 6	15 56	27 17		n.a.
S 25	20 30	26 59	4 39	22 46	1 18	22 7	0 58	14 58	0 30	20 45	0 40	14 14	2 39	22 50	0 23	20 5	0 15	21 57	13 31	16 11	15 57	27 18		n.a.
S 26	20 43	27 56	4 10	22 36	1 29	22 24	0 59	15 12	0 31	20 43	0 40	14 13	2 39	22 50	0 23	20 5	0 15	21 56	13 31	16 14	15 58	27 19		n.a.
M27	20 55	27 35	3 30	22 26	1 39	22 40	1 1	15 25	0 31	20 41	0 40	14 12	2 39	22 51	0 23	20 6	0 15	21 56	13 30	16 17	15 59	27 20		n.a.
T 28	21 8	25 58	2 41	22 16	1 50	22 55	1 3	15 38	0 32	20 39	0 40	14 11	2 38	22 51	0 23	20 6	0 15	21 55	13 30	16 19	16 0	27 20		n.a.
W29	21 19	23 10	1 44	22 5	2 1	23 10	1 4	15 51	0 32	20 38	0 41	14 10	2 38	22 52	0 23	20 7	0 15	21 54	13 29	16 21	16 1	27 21		n.a.
T 30	21n31	19n18	0n42	21n55	2s12	23n24	1n 6	16n 3	0n33	20s36	0s41	14n 9	2n38	22n53	0n23	20n 7	0s15	21n54	13n29	16s21	16s 2	27n22		n.a.

Julian Day Number = 197751.5, Delta T = 32h16m00s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°23'01, Lahiri = -61°16'01 Julian Calendar 1 June 4172 BCE == Greg. Calendar 29 Apr. 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

JULY 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 27 12	4♊49'04	20♌53	0♋21	9♊37	11♉36	26°R27	0♍17	9♊34	28♉27	6♍13	16°D26	17♒24	10♊49	n.a.	F 1
S 2	16 31 9	5°47'21	3♍32	0°48	10°52	12°14	26♏19	0°19	9°38	28°29	6°14	16°R27	17°21	10°56	n.a.	S 2
S 3	16 35 5	6°45'41	16°34	1°10	12° 7	12°52	26°12	0°22	9°42	28°32	6°14	16♒26	17°18	11° 2	n.a.	S 3
M 4	16 39 2	7°44'02	0♎ 3	1°27	13°21	13°30	26° 4	0°24	9°45	28°34	6°15	16°24	17°14	11° 9	n.a.	M 4
T 5	16 42 58	8°42'25	14° 0	1°39	14°36	14° 7	25°57	0°27	9°49	28°36	6°15	16°20	17°11	11°16	n.a.	T 5
W 6	16 46 55	9°40'50	28°28	1°R45	15°51	14°45	25°49	0°29	9°53	28°38	6°16	16°13	17° 8	11°22	n.a.	W 6
T 7	16 50 51	10°39'17	13♏20	1°45	17° 6	15°23	25°42	0°32	9°57	28°40	6°16	16° 5	17° 5	11°29	n.a.	T 7
F 8	16 54 48	11°37'46	28°32	1°38	18°21	16° 1	25°35	0°35	10° 1	28°43	6°17	15°55	17° 2	11°36	n.a.	F 8
S 9	16 58 45	12°36'18	13♐52	1°26	19°35	16°39	25°27	0°38	10° 4	28°45	6°18	15°46	16°59	11°43	n.a.	S 9
S 10	17 2 41	13°34'51	29° 9	1° 6	20°50	17°17	25°20	0°41	10° 8	28°47	6°18	15°38	16°55	11°49	n.a.	S 10
M11	17 6 38	14°33'27	14♑12	0°40	22° 5	17°55	25°13	0°44	10°12	28°49	6°19	15°32	16°52	11°56	n.a.	M11
T 12	17 10 34	15°32'05	28°53	0° 7	23°20	18°33	25° 6	0°47	10°16	28°51	6°20	15°29	16°49	12° 3	n.a.	T 12
W13	17 14 31	16°30'45	13♒ 8	29♊28	24°35	19°10	24°59	0°50	10°19	28°54	6°20	15°D28	16°46	12° 9	n.a.	W13
T 14	17 18 27	17°29'28	26°54	28°43	25°50	19°48	24°53	0°54	10°23	28°56	6°21	15°28	16°43	12°16	n.a.	T 14
F 15	17 22 24	18°28'13	10♓13	27°52	27° 5	20°26	24°46	0°57	10°27	28°58	6°22	15°29	16°40	12°23	n.a.	F 15
S 16	17 26 20	19°27'01	23° 8	26°55	28°20	21° 4	24°40	1° 1	10°31	29° 0	6°23	15°R29	16°36	12°30	n.a.	S 16
S 17	17 30 17	20°25'51	5♈43	25°55	29°35	21°42	24°33	1° 4	10°34	29° 2	6°24	15°28	16°33	12°36	n.a.	S 17
M18	17 34 13	21°24'44	18° 3	24°52	0♋50	22°19	24°27	1° 8	10°38	29° 4	6°25	15°24	16°30	12°43	n.a.	M18
T 19	17 38 10	22°23'39	0♉10	23°48	2° 5	22°57	24°21	1°12	10°42	29° 6	6°26	15°19	16°27	12°50	n.a.	T 19
W20	17 42 6	23°22'37	12°10	22°43	3°20	23°35	24°15	1°15	10°46	29° 8	6°27	15°11	16°24	12°56	n.a.	W20
T 21	17 46 3	24°21'37	24° 4	21°41	4°35	24°13	24° 9	1°19	10°49	29°10	6°28	15° 2	16°20	13° 3	n.a.	T 21
F 22	17 50 0	25°20'40	5♊56	20°41	5°50	24°51	24° 3	1°23	10°53	29°12	6°29	14°52	16°17	13°10	n.a.	F 22
S 23	17 53 56	26°19'45	17°47	19°46	7° 5	25°28	23°58	1°27	10°57	29°15	6°30	14°42	16°14	13°17	n.a.	S 23
S 24	17 57 53	27°18'53	29°39	18°57	8°20	26° 6	23°52	1°32	11° 0	29°17	6°31	14°34	16°11	13°23	n.a.	S 24
M25	18 1 49	28°18'03	11♋34	18°16	9°35	26°44	23°47	1°36	11° 4	29°19	6°32	14°27	16° 8	13°30	n.a.	M25
T 26	18 5 46	29°17'15	23°33	17°43	10°50	27°21	23°42	1°40	11° 8	29°21	6°34	14°22	16° 5	13°37	n.a.	T 26
W27	18 9 42	0♌16'29	5♌38	17°19	12° 5	27°59	23°37	1°44	11°11	29°23	6°35	14°20	16° 1	13°43	n.a.	W27
T 28	18 13 39	1°15'45	17°52	17° 6	13°20	28°37	23°32	1°49	11°15	29°25	6°36	14°D20	15°58	13°50	n.a.	T 28
F 29	18 17 35	2°15'04	0♍19	17°D 3	14°35	29°14	23°28	1°53	11°18	29°26	6°37	14°21	15°55	13°57	n.a.	F 29
S 30	18 21 32	3°14'24	13° 0	17°10	15°50	29°52	23°23	1°58	11°22	29°28	6°39	14°22	15°52	14° 4	n.a.	S 30
S 31	18 25 28	4♋13'46	26♍ 1	17♊27	17♋ 5	0♊30	23♏19	2♍ 3	11♊26	29♉30	6♍40	14♒24	15♒49	14♊10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n42	14n34	0s24	21n44	2s23	23n38	1n 7	16n16	0n33	20s34	0s41	14n 8	2n38	22n53	0n23	20n 8	0s15	21n53	13n28	16s21	16s 3	27n22		n.a.
S 2	21 53	9 6	1 30	21 33	2 34	23 50	1 9	16 29	0 34	20 33	0 41	14 7	2 37	22 54	0 23	20 8	0 15	21 53	13 27	16 21	16 4	27 23		n.a.
S 3	22 3	3 7	2 33	21 22	2 45	24 2	1 10	16 41	0 35	20 31	0 41	14 6	2 37	22 54	0 23	20 9	0 15	21 52	13 27	16 21	16 5	27 24		n.a.
M 4	22 13	3s13	3 30	21 11	2 55	24 14	1 11	16 53	0 35	20 29	0 41	14 5	2 37	22 55	0 23	20 9	0 15	21 51	13 26	16 22	16 6	27 24		n.a.
T 5	22 22	9 36	4 17	21 1	3 5	24 24	1 13	17 6	0 36	20 27	0 41	14 3	2 37	22 56	0 23	20 10	0 15	21 51	13 26	16 23	16 7	27 25		n.a.
W 6	22 32	15 42	4 49	20 51	3 15	24 34	1 14	17 18	0 36	20 26	0 42	14 2	2 36	22 56	0 23	20 10	0 15	21 50	13 25	16 25	16 8	27 25		n.a.
T 7	22 40	21 4	5 3	20 42	3 24	24 43	1 15	17 30	0 37	20 24	0 42	14 1	2 36	22 57	0 23	20 11	0 15	21 49	13 25	16 28	16 9	27 26		n.a.
F 8	22 49	25 11	4 56	20 33	3 33	24 51	1 16	17 42	0 37	20 22	0 42	14 0	2 36	22 57	0 23	20 11	0 15	21 48	13 24	16 31	16 10	27 27		n.a.
S 9	22 57	27 32	4 28	20 26	3 41	24 59	1 17	17 53	0 38	20 21	0 42	13 58	2 36	22 58	0 23	20 12	0 15	21 48	13 24	16 34	16 11	27 27		n.a.
S 10	23 4	27 47	3 41	20 19	3 48	25 5	1 18	18 5	0 39	20 19	0 42	13 57	2 35	22 59	0 23	20 12	0 15	21 47	13 23	16 36	16 12	27 28		n.a.
M11	23 11	25 58	2 39	20 13	3 53	25 11	1 19	18 17	0 39	20 18	0 42	13 56	2 35	22 59	0 23	20 13	0 15	21 46	13 23	16 38	16 13	27 29		n.a.
T 12	23 18	22 23	1 27	20 9	3 58	25 17	1 20	18 28	0 40	20 16	0 42	13 54	2 35	23 0	0 23	20 13	0 15	21 45	13 22	16 39	16 14	27 29		n.a.
W13	23 24	17 33	0 12	20 6	4 1	25 21	1 21	18 39	0 40	20 14	0 43	13 53	2 35	23 0	0 23	20 14	0 15	21 45	13 22	16 39	16 15	27 30		n.a.
T 14	23 30	11 57	1n 1	20 4	4 3	25 25	1 22	18 51	0 41	20 13	0 43	13 51	2 34	23 1	0 23	20 14	0 15	21 44	13 21	16 39	16 16	27 30		n.a.
F 15	23 36	5 59	2 8	20 3	4 3	25 27	1 22	19 2	0 42	20 11	0 43	13 50	2 34	23 1	0 23	20 15	0 15	21 43	13 21	16 39	16 17	27 31		n.a.
S 16	23 41	0n 3	3 7	20 4	4 1	25 29	1 23	19 12	0 42	20 10	0 43	13 48	2 34	23 2	0 23	20 15	0 15	21 42	13 20	16 39	16 18	27 31		n.a.
S 17	23 45	5 55	3 56	20 7	3 56	25 30	1 24	19 23	0 43	20 8	0 43	13 47	2 34	23 3	0 23	20 16	0 15	21 41	13 20	16 39	16 19	27 32		n.a.
M18	23 50	11 26	4 32	20 11	3 50	25 31	1 24	19 34	0 43	20 7	0 43	13 45	2 33	23 3	0 23	20 16	0 15	21 41	13 19	16 40	16 20	27 32		n.a.
T 19	23 53	16 26	4 55	20 16	3 42	25 30	1 24	19 44	0 44	20 5	0 43	13 44	2 33	23 4	0 23	20 17	0 15	21 40	13 19	16 42	16 21	27 33		n.a.
W20	23 57	20 44	5 5	20 23	3 32	25 29	1 25	19 55	0 44	20 4	0 43	13 42	2 33	23 4	0 23	20 17	0 15	21 39	13 18	16 44	16 22	27 33		n.a.
T 21	23 59	24 11	5 2	20 31	3 20	25 27	1 25	20 5	0 45	20 2	0 43	13 40	2 33	23 5	0 23	20 18	0 15	21 38	13 18	16 47	16 23	27 34		n.a.
F 22	24 2	26 35	4 46	20 41	3 6	25 24	1 25	20 15	0 46	20 1	0 43	13 39	2 32	23 5	0 23	20 18	0 15	21 37	13 17	16 50	16 24	27 34		n.a.
S 23	24 4	27 48	4 17	20 53	2 50	25 21	1 26	20 25	0 46	20 0	0 43	13 37	2 32	23 6	0 23	20 19	0 15	21 36	13 17	16 53	16 25	27 35		n.a.
S 24	24 5	27 44	3 37	21 5	2 34	25 16	1 26	20 35	0 47	19 58	0 44	13 35	2 32	23 6	0 23	20 19	0 15	21 35	13 16	16 56	16 26	27 35		n.a.
M25	24 6	26 23	2 47	21 19	2 16	25 11	1 26	20 45	0 47	19 57	0 44	13 34	2 32	23 7	0 23	20 19	0 15	21 34	13 16	16 58	16 27	27 36		n.a.
T 26	24 7	23 48	1 50	21 34	1 58	25 5	1 26	20 54	0 48	19 56	0 44	13 32	2 32	23 8	0 23	20 20	0 15	21 33	13 15	16 59	16 28	27 36		n.a.
W27	24 7	20 9	0 47	21 51	1 39	24 58	1 26	21 3	0 49	19 55	0 44	13 30	2 31	23 8	0 23	20 20	0 15	21 33	13 15	17 0	16 29	27 37		n.a.
T 28	24 6	15 36	0s19	22 8	1 21	24 51	1 26	21 13	0 49	19 54	0 44	13 28	2 31	23 9	0 23	20 21	0 15	21 32	13 14	17 0	16 30	27 37		n.a.
F 29	24 6	10 21	1 26	22 26	1 2	24 42	1 25	21 22	0 50	19 52	0 44	13 26	2 31	23 9	0 23	20 21	0 15	21 31	13 14	16 59	16 31	27 38		n.a.
S 30	24 4	4 34	2 29	22 45	0 44	24 33	1 25	21 31	0 50	19 51	0 44	13 24	2 31	23 10	0 23	20 22	0 15	21 30	13 13	16 59	16 32	27 38		n.a.
S 31	24n 3	1s31	3s27	23n 4	0s26	24n23	1n25	21n40	0n51	19s50	0s44	13n22	2n31	23n10	0n23	20n22	0s15	21n29	13n13	16s59	16s33	27n39		n.a.

Julian Day Number = 197781.5, Delta T = 32h15m57s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'57, Lahiri = -61°15'57 Julian Calendar 1 July 4172 BCE == Greg. Calendar 29 May 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

AUGUST 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 29 25	5♋13'11	9♎24	17♊54	18♋20	1♊ 7	23°R15	2♍ 7	11♊29	29♉32	6♍41	14°R24	15♒45	14♊17	n.a.	M 1
T 2	18 33 21	6°12'37	23°12	18°31	19°35	1°45	23♏11	2°12	11°33	29°34	6°43	14♒22	15°42	14°24	n.a.	T 2
W 3	18 37 18	7°12'06	7♏26	19°16	20°50	2°23	23° 8	2°17	11°36	29°36	6°44	14°19	15°39	14°30	n.a.	W 3
T 4	18 41 14	8°11'36	22° 3	20°10	22° 5	3° 0	23° 4	2°22	11°40	29°38	6°46	14°15	15°36	14°37	n.a.	T 4
F 5	18 45 11	9°11'09	6♐59	21°11	23°20	3°38	23° 1	2°27	11°43	29°40	6°47	14°10	15°33	14°44	n.a.	F 5
S 6	18 49 8	10°10'44	22° 7	22°19	24°35	4°15	22°58	2°32	11°47	29°41	6°49	14° 5	15°30	14°51	n.a.	S 6
S 7	18 53 4	11°10'20	7♑17	23°33	25°50	4°53	22°55	2°37	11°50	29°43	6°50	14° 1	15°26	14°57	n.a.	S 7
M 8	18 57 1	12°10'00	22°18	24°52	27° 5	5°30	22°52	2°42	11°53	29°45	6°52	13°58	15°23	15° 4	n.a.	M 8
T 9	19 0 57	13° 9'41	7♒ 3	26°16	28°20	6° 8	22°49	2°47	11°57	29°47	6°53	13°D56	15°20	15°11	n.a.	T 9
W10	19 4 54	14° 9'25	21°24	27°44	29°35	6°45	22°47	2°53	12° 0	29°48	6°55	13°56	15°17	15°17	n.a.	W10
T 11	19 8 50	15° 9'11	5♓19	29°15	0♌50	7°23	22°45	2°58	12° 3	29°50	6°57	13°57	15°14	15°24	n.a.	T 11
F 12	19 12 47	16° 9'00	18°47	0♋49	2° 5	8° 0	22°43	3° 3	12° 7	29°52	6°58	13°59	15°11	15°31	n.a.	F 12
S 13	19 16 43	17° 8'51	1♈48	2°25	3°20	8°38	22°41	3° 9	12°10	29°54	7° 0	14° 0	15° 7	15°37	n.a.	S 13
S 14	19 20 40	18° 8'44	14°28	4° 3	4°35	9°15	22°39	3°14	12°13	29°55	7° 2	14°R 1	15° 4	15°44	n.a.	S 14
M15	19 24 36	19° 8'40	26°48	5°42	5°50	9°53	22°38	3°20	12°16	29°57	7° 4	14° 1	15° 1	15°51	n.a.	M15
T 16	19 28 33	20° 8'39	8♉55	7°22	7° 5	10°30	22°37	3°25	12°20	29°58	7° 5	14° 0	14°58	15°58	n.a.	T 16
W17	19 32 29	21° 8'40	20°53	9° 4	8°20	11° 8	22°36	3°31	12°23	29°59	7° 7	13°57	14°55	16° 4	n.a.	W17
T 18	19 36 26	22° 8'43	2♊45	10°46	9°35	11°45	22°35	3°37	12°26	0♊ 1	7° 9	13°54	14°51	16°11	n.a.	T 18
F 19	19 40 23	23° 8'49	14°36	12°28	10°50	12°23	22°34	3°43	12°29	0° 3	7°11	13°50	14°48	16°18	n.a.	F 19
S 20	19 44 19	24° 8'57	26°27	14°11	12° 5	13° 0	22°34	3°48	12°32	0° 4	7°13	13°47	14°45	16°24	n.a.	S 20
S 21	19 48 16	25° 9'07	8♋23	15°53	13°20	13°37	22°D34	3°54	12°35	0° 6	7°15	13°44	14°42	16°31	n.a.	S 21
M22	19 52 12	26° 9'20	20°25	17°36	14°35	14°15	22°34	4° 0	12°38	0° 7	7°16	13°42	14°39	16°38	n.a.	M22
T 23	19 56 9	27° 9'35	2♌35	19°18	15°50	14°52	22°34	4° 6	12°41	0° 9	7°18	13°40	14°36	16°45	n.a.	T 23
W24	20 0 5	28° 9'51	14°54	21° 1	17° 5	15°30	22°34	4°12	12°44	0°10	7°20	13°D40	14°32	16°51	n.a.	W24
T 25	20 4 2	29°10'10	27°24	22°43	18°20	16° 7	22°35	4°18	12°47	0°11	7°22	13°40	14°29	16°58	n.a.	T 25
F 26	20 7 58	0♌10'30	10♍ 5	24°24	19°35	16°44	22°36	4°24	12°50	0°13	7°24	13°41	14°26	17° 5	n.a.	F 26
S 27	20 11 55	1°10'53	23° 0	26° 5	20°50	17°22	22°37	4°30	12°53	0°14	7°26	13°43	14°23	17°11	n.a.	S 27
S 28	20 15 51	2°11'17	6♎10	27°46	22° 5	17°59	22°38	4°37	12°55	0°15	7°28	13°44	14°20	17°18	n.a.	S 28
M29	20 19 48	3°11'42	19°36	29°27	23°20	18°36	22°39	4°43	12°58	0°17	7°30	13°44	14°17	17°25	n.a.	M29
T 30	20 23 44	4°12'10	3♏20	1♌ 6	24°35	19°13	22°41	4°49	13° 1	0°18	7°33	13°R45	14°13	17°31	n.a.	T 30
W31	20 27 41	5♌12'39	17♏22	2♌46	25♌50	19♊51	22♏43	4♍55	13♊ 4	0♊19	7♍35	13♒45	14♒10	17♊38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	24n 0	7s43	4s15	23n23	0s10	24n13	1n24	21n48	0n52	19s49	0s44	13n21	2n30	23n11	0n23	20n23	0s15	21n28	13n12	16s58	16s34	27n39			n.a.
T 2	23 58	13 44	4 50	23 42	0n 6	24 1	1 24	21 57	0 52	19 48	0 44	13 19	2 30	23 11	0 23	20 23	0 15	21 27	13 12	16 59	16 35	27 39			n.a.
W 3	23 55	19 13	5 9	24 1	0 21	23 49	1 23	22 5	0 53	19 47	0 44	13 17	2 30	23 12	0 23	20 23	0 15	21 26	13 11	17 0	16 36	27 40			n.a.
T 4	23 51	23 44	5 8	24 19	0 34	23 36	1 23	22 13	0 53	19 47	0 44	13 15	2 30	23 12	0 23	20 24	0 15	21 25	13 11	17 1	16 37	27 40			n.a.
F 5	23 47	26 48	4 47	24 36	0 47	23 23	1 22	22 21	0 54	19 46	0 44	13 13	2 30	23 13	0 23	20 24	0 15	21 24	13 11	17 3	16 38	27 41			n.a.
S 6	23 43	27 57	4 5	24 51	0 58	23 9	1 21	22 29	0 55	19 45	0 44	13 11	2 29	23 13	0 23	20 25	0 15	21 23	13 10	17 4	16 39	27 41			n.a.
S 7	23 38	27 1	3 7	25 6	1 9	22 54	1 21	22 37	0 55	19 44	0 44	13 8	2 29	23 14	0 23	20 25	0 15	21 22	13 10	17 5	16 40	27 41			n.a.
M 8	23 32	24 7	1 56	25 19	1 18	22 38	1 20	22 44	0 56	19 44	0 44	13 6	2 29	23 14	0 23	20 25	0 15	21 21	13 9	17 6	16 41	27 42			n.a.
T 9	23 26	19 38	0 38	25 30	1 26	22 22	1 19	22 52	0 56	19 43	0 44	13 4	2 29	23 15	0 23	20 26	0 15	21 20	13 9	17 7	16 42	27 42			n.a.
W10	23 20	14 7	0n41	25 39	1 33	22 5	1 18	22 59	0 57	19 42	0 45	13 2	2 29	23 15	0 23	20 26	0 15	21 19	13 8	17 7	16 42	27 42			n.a.
T 11	23 13	8 3	1 55	25 46	1 39	21 47	1 17	23 6	0 58	19 42	0 45	13 0	2 28	23 16	0 23	20 27	0 15	21 18	13 8	17 6	16 43	27 43			n.a.
F 12	23 6	1 49	2 59	25 51	1 44	21 29	1 16	23 13	0 58	19 41	0 45	12 58	2 28	23 16	0 23	20 27	0 15	21 17	13 8	17 6	16 44	27 43			n.a.
S 13	22 59	4n17	3 53	25 53	1 48	21 10	1 14	23 20	0 59	19 41	0 45	12 56	2 28	23 17	0 23	20 27	0 15	21 16	13 7	17 5	16 45	27 43			n.a.
S 14	22 51	10 2	4 33	25 54	1 51	20 50	1 13	23 27	0 59	19 40	0 45	12 53	2 28	23 17	0 23	20 28	0 15	21 15	13 7	17 5	16 46	27 44			n.a.
M15	22 42	15 15	5 0	25 53	1 53	20 30	1 12	23 33	1 0	19 40	0 45	12 51	2 28	23 18	0 23	20 28	0 15	21 14	13 6	17 5	16 47	27 44			n.a.
T 16	22 33	19 47	5 13	25 49	1 55	20 9	1 11	23 39	1 1	19 40	0 45	12 49	2 28	23 18	0 23	20 28	0 15	21 13	13 6	17 6	16 48	27 44			n.a.
W17	22 24	23 29	5 12	25 43	1 56	19 48	1 9	23 45	1 1	19 40	0 45	12 47	2 27	23 18	0 24	20 29	0 15	21 11	13 6	17 6	16 49	27 45			n.a.
T 18	22 14	26 9	4 57	25 36	1 56	19 26	1 8	23 51	1 2	19 39	0 45	12 44	2 27	23 19	0 24	20 29	0 15	21 10	13 5	17 7	16 50	27 45			n.a.
F 19	22 4	27 40	4 30	25 26	1 56	19 4	1 6	23 57	1 2	19 39	0 45	12 42	2 27	23 19	0 24	20 29	0 15	21 9	13 5	17 8	16 51	27 45			n.a.
S 20	21 53	27 56	3 52	25 14	1 55	18 41	1 5	24 3	1 3	19 39	0 45	12 40	2 27	23 20	0 24	20 30	0 15	21 8	13 4	17 9	16 52	27 45			n.a.
S 21	21 42	26 53	3 2	25 1	1 53	18 17	1 3	24 8	1 4	19 39	0 45	12 37	2 27	23 20	0 24	20 30	0 15	21 7	13 4	17 10	16 53	27 46			n.a.
M22	21 31	24 34	2 5	24 46	1 52	17 53	1 1	24 13	1 4	19 39	0 45	12 35	2 27	23 21	0 24	20 30	0 15	21 6	13 4	17 11	16 54	27 46			n.a.
T 23	21 19	21 7	1 1	24 29	1 49	17 29	1 0	24 18	1 5	19 39	0 45	12 33	2 27	23 21	0 24	20 31	0 15	21 5	13 3	17 11	16 55	27 46			n.a.
W24	21 7	16 43	0s 7	24 10	1 46	17 4	0 58	24 23	1 6	19 39	0 45	12 30	2 26	23 21	0 24	20 31	0 15	21 4	13 3	17 11	16 56	27 46			n.a.
T 25	20 54	11 33	1 15	23 50	1 43	16 39	0 56	24 28	1 6	19 39	0 45	12 28	2 26	23 22	0 24	20 31	0 15	21 3	13 3	17 11	16 57	27 47			n.a.
F 26	20 41	5 50	2 21	23 29	1 40	16 13	0 54	24 32	1 7	19 40	0 45	12 25	2 26	23 22	0 24	20 32	0 15	21 2	13 2	17 11	16 58	27 47			n.a.
S 27	20 27	0s12	3 21	23 6	1 36	15 46	0 52	24 37	1 7	19 40	0 45	12 23	2 26	23 23	0 24	20 32	0 15	21 1	13 2	17 11	16 59	27 47			n.a.
S 28	20 14	6 20	4 11	22 41	1 32	15 20	0 50	24 41	1 8	19 40	0 45	12 21	2 26	23 23	0 24	20 32	0 15	21 0	13 2	17 10	17 0	27 47			n.a.
M29	19 59	12 19	4 49	22 16	1 27	14 53	0 48	24 45	1 9	19 41	0 45	12 18	2 26	23 23	0 24	20 33	0 15	20 58	13 1	17 10	17 1	27 48			n.a.
T 30	19 45	17 50	5 12	21 49	1 23	14 25	0 46	24 49	1 9	19 41	0 45	12 16	2 26	23 24	0 24	20 33	0 15	20 57	13 1	17 10	17 2	27 48			n.a.
W31	19n30	22s32	5s16	21n21	1n18	13n57	0n44	24n53	1n10	19s42	0s45	12n13	2n25	23n24	0n24	20n33	0s15	20n56	13n 1	17s10	17s 3	27n48			n.a.

Julian Day Number = 197812.5, Delta T = 32h15m54s
Ecliptic obliquity = 24°06'59, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'53, Lahiri = -61°15'53 Julian Calendar 1 Aug. 4172 BCE == Greg. Calendar 29 June 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

SEPTEMBER 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 31 37	6♌13'09	1♐41	4♌25	27♌ 5	20♊28	22♏45	5♍ 2	13♊ 6	0♊20	7♍37	13°R44	14♒ 7	17♊45	n.a.	T 1
F 2	20 35 34	7°13'42	16°14	6° 4	28°20	21° 5	22°47	5° 8	13° 9	0°21	7°39	13♒43	14° 4	17°52	n.a.	F 2
S 3	20 39 31	8°14'16	0♑56	7°42	29°34	21°42	22°50	5°15	13°11	0°22	7°41	13°43	14° 1	17°58	n.a.	S 3
S 4	20 43 27	9°14'51	15°43	9°20	0♍49	22°19	22°52	5°21	13°14	0°23	7°43	13°42	13°57	18° 5	n.a.	S 4
M 5	20 47 24	10°15'29	0♒25	10°57	2° 4	22°57	22°55	5°27	13°16	0°24	7°45	13°42	13°54	18°12	n.a.	M 5
T 6	20 51 20	11°16'08	14°58	12°34	3°19	23°34	22°58	5°34	13°19	0°25	7°48	13°D42	13°51	18°18	n.a.	T 6
W 7	20 55 17	12°16'48	29°14	14°10	4°34	24°11	23° 1	5°40	13°21	0°26	7°50	13°42	13°48	18°25	n.a.	W 7
T 8	20 59 13	13°17'31	13♓ 9	15°47	5°48	24°48	23° 5	5°47	13°24	0°27	7°52	13°R42	13°45	18°32	n.a.	T 8
F 9	21 3 10	14°18'15	26°40	17°22	7° 3	25°25	23° 8	5°54	13°26	0°28	7°54	13°42	13°42	18°38	n.a.	F 9
S 10	21 7 6	15°19'01	9♈48	18°58	8°18	26° 2	23°12	6° 0	13°28	0°29	7°56	13°42	13°38	18°45	n.a.	S 10
S 11	21 11 3	16°19'49	22°32	20°33	9°33	26°39	23°16	6° 7	13°30	0°30	7°59	13°41	13°35	18°52	n.a.	S 11
M12	21 14 59	17°20'39	4♉58	22° 8	10°47	27°16	23°20	6°14	13°32	0°31	8° 1	13°41	13°32	18°59	n.a.	M12
T 13	21 18 56	18°21'31	17° 7	23°42	12° 2	27°53	23°24	6°20	13°35	0°32	8° 3	13°D41	13°29	19° 5	n.a.	T 13
W14	21 22 53	19°22'24	29° 6	25°17	13°17	28°30	23°29	6°27	13°37	0°32	8° 5	13°41	13°26	19°12	n.a.	W14
T 15	21 26 49	20°23'20	10♊58	26°51	14°32	29° 7	23°34	6°34	13°39	0°33	8° 8	13°42	13°23	19°19	n.a.	T 15
F 16	21 30 46	21°24'17	22°48	28°24	15°46	29°44	23°38	6°41	13°41	0°34	8°10	13°42	13°19	19°25	n.a.	F 16
S 17	21 34 42	22°25'16	4♋41	29°58	17° 1	0♋21	23°44	6°47	13°43	0°34	8°12	13°43	13°16	19°32	n.a.	S 17
S 18	21 38 39	23°26'16	16°41	1♍31	18°15	0°58	23°49	6°54	13°44	0°35	8°15	13°44	13°13	19°39	n.a.	S 18
M19	21 42 35	24°27'18	28°50	3° 4	19°30	1°35	23°54	7° 1	13°46	0°36	8°17	13°45	13°10	19°45	n.a.	M19
T 20	21 46 32	25°28'22	11♌12	4°37	20°45	2°12	24° 0	7° 8	13°48	0°36	8°19	13°R45	13° 7	19°52	n.a.	T 20
W21	21 50 28	26°29'26	23°47	6°10	21°59	2°49	24° 6	7°15	13°50	0°37	8°22	13°45	13° 3	19°59	n.a.	W21
T 22	21 54 25	27°30'32	6♍37	7°42	23°14	3°25	24°11	7°21	13°51	0°37	8°24	13°44	13° 0	20° 6	n.a.	T 22
F 23	21 58 22	28°31'40	19°42	9°14	24°28	4° 2	24°18	7°28	13°53	0°37	8°27	13°43	12°57	20°12	n.a.	F 23
S 24	22 2 18	29°32'48	3♎ 0	10°47	25°43	4°39	24°24	7°35	13°55	0°38	8°29	13°40	12°54	20°19	n.a.	S 24
S 25	22 6 15	0♍33'57	16°32	12°18	26°57	5°16	24°30	7°42	13°56	0°38	8°31	13°38	12°51	20°26	n.a.	S 25
M26	22 10 11	1°35'07	0♏15	13°50	28°12	5°52	24°37	7°49	13°58	0°39	8°34	13°36	12°48	20°32	n.a.	M26
T 27	22 14 8	2°36'18	14° 7	15°22	29°26	6°29	24°44	7°56	13°59	0°39	8°36	13°34	12°44	20°39	n.a.	T 27
W28	22 18 4	3°37'30	28° 9	16°53	0♎41	7° 6	24°51	8° 3	14° 0	0°39	8°38	13°D33	12°41	20°46	n.a.	W28
T 29	22 22 1	4°38'43	12♐17	18°24	1°55	7°42	24°58	8°10	14° 2	0°39	8°41	13°33	12°38	20°52	n.a.	T 29
F 30	22 25 57	5♍39'57	26♐30	19♍55	3♎10	8♋19	25♏ 5	8♍17	14♊ 3	0♊40	8♍43	13♒34	12♒35	20♊59	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n15	26s 0	5s 2	20n52	1n13	13n29	0n42	24n56	1n10	19s42	0s45	12n11	2n25	23n25	0n24	20n33	0s15	20n55	13n 0	17s10	17s 3	27n48		n.a.
F 2	18 59	27 49	4 27	20 22	1 7	13 0	0 39	24 59	1 11	19 43	0 45	12 8	2 25	23 25	0 24	20 34	0 15	20 54	13 0	17 11	17 4	27 48		n.a.
S 3	18 43	27 42	3 36	19 51	1 2	12 31	0 37	25 3	1 12	19 43	0 45	12 6	2 25	23 25	0 24	20 34	0 15	20 53	13 0	17 11	17 5	27 48		n.a.
S 4	18 27	25 38	2 29	19 20	0 56	12 2	0 35	25 5	1 12	19 44	0 45	12 3	2 25	23 26	0 24	20 34	0 15	20 52	12 59	17 11	17 6	27 49		n.a.
M 5	18 10	21 49	1 13	18 47	0 51	11 32	0 33	25 8	1 13	19 45	0 45	12 0	2 25	23 26	0 24	20 34	0 15	20 51	12 59	17 11	17 7	27 49		n.a.
T 6	17 53	16 41	0n 7	18 14	0 45	11 2	0 30	25 11	1 14	19 46	0 45	11 58	2 25	23 26	0 24	20 34	0 15	20 50	12 59	17 11	17 8	27 49		n.a.
W 7	17 36	10 44	1 25	17 39	0 39	10 32	0 28	25 13	1 14	19 46	0 45	11 55	2 25	23 27	0 24	20 35	0 15	20 48	12 59	17 11	17 9	27 49		n.a.
T 8	17 18	4 24	2 36	17 5	0 33	10 2	0 25	25 16	1 15	19 47	0 45	11 53	2 25	23 27	0 24	20 35	0 15	20 47	12 58	17 11	17 10	27 49		n.a.
F 9	17 0	1n56	3 37	16 29	0 26	9 31	0 23	25 18	1 16	19 48	0 45	11 50	2 25	23 27	0 24	20 35	0 15	20 46	12 58	17 11	17 11	27 49		n.a.
S 10	16 42	8 0	4 23	15 53	0 20	9 0	0 20	25 19	1 16	19 49	0 45	11 48	2 24	23 28	0 24	20 35	0 15	20 45	12 58	17 11	17 12	27 49		n.a.
S 11	16 23	13 34	4 56	15 16	0 14	8 29	0 18	25 21	1 17	19 50	0 45	11 45	2 24	23 28	0 24	20 35	0 15	20 44	12 58	17 11	17 13	27 49		n.a.
M12	16 4	18 26	5 14	14 39	0 8	7 58	0 15	25 23	1 18	19 51	0 45	11 42	2 24	23 28	0 24	20 36	0 15	20 43	12 57	17 11	17 14	27 49		n.a.
T 13	15 45	22 28	5 17	14 1	0 1	7 26	0 13	25 24	1 18	19 52	0 45	11 40	2 24	23 28	0 24	20 36	0 15	20 42	12 57	17 11	17 15	27 50		n.a.
W14	15 26	25 29	5 6	13 23	0s 5	6 54	0 10	25 25	1 19	19 54	0 45	11 37	2 24	23 29	0 24	20 36	0 15	20 41	12 57	17 11	17 16	27 50		n.a.
T 15	15 6	27 22	4 42	12 44	0 12	6 22	0 8	25 26	1 19	19 55	0 45	11 34	2 24	23 29	0 24	20 36	0 15	20 40	12 57	17 11	17 17	27 50		n.a.
F 16	14 46	28 1	4 6	12 5	0 18	5 50	0 5	25 27	1 20	19 56	0 45	11 32	2 24	23 29	0 24	20 36	0 15	20 39	12 57	17 11	17 18	27 50		n.a.
S 17	14 26	27 22	3 20	11 25	0 24	5 18	0 2	25 28	1 21	19 57	0 45	11 29	2 24	23 30	0 24	20 36	0 15	20 37	12 56	17 11	17 18	27 50		n.a.
S 18	14 5	25 26	2 24	10 46	0 31	4 46	0s 0	25 28	1 21	19 59	0 45	11 26	2 24	23 30	0 24	20 37	0 15	20 36	12 56	17 10	17 19	27 50		n.a.
M19	13 44	22 18	1 22	10 5	0 37	4 13	0 3	25 28	1 22	20 0	0 45	11 24	2 24	23 30	0 24	20 37	0 15	20 35	12 56	17 10	17 20	27 50		n.a.
T 20	13 23	18 8	0 14	9 25	0 43	3 41	0 6	25 29	1 23	20 1	0 45	11 21	2 24	23 30	0 24	20 37	0 15	20 34	12 56	17 10	17 21	27 50		n.a.
W21	13 2	13 6	0s55	8 44	0 50	3 8	0 8	25 29	1 23	20 3	0 45	11 18	2 24	23 31	0 24	20 37	0 15	20 33	12 56	17 10	17 22	27 50		n.a.
T 22	12 41	7 26	2 3	8 4	0 56	2 35	0 11	25 28	1 24	20 4	0 45	11 16	2 24	23 31	0 25	20 37	0 15	20 32	12 56	17 10	17 23	27 50		n.a.
F 23	12 19	1 21	3 6	7 23	1 2	2 3	0 14	25 28	1 25	20 6	0 45	11 13	2 24	23 31	0 25	20 37	0 15	20 31	12 55	17 11	17 24	27 50		n.a.
S 24	11 57	4s52	4 0	6 41	1 8	1 30	0 17	25 27	1 25	20 8	0 45	11 10	2 24	23 31	0 25	20 37	0 15	20 30	12 55	17 11	17 25	27 50		n.a.
S 25	11 35	10 58	4 41	6 0	1 14	0 57	0 19	25 26	1 26	20 9	0 45	11 8	2 24	23 32	0 25	20 37	0 15	20 29	12 55	17 12	17 26	27 50		n.a.
M26	11 13	16 38	5 7	5 19	1 20	0 24	0 22	25 26	1 27	20 11	0 45	11 5	2 24	23 32	0 25	20 37	0 15	20 28	12 55	17 13	17 27	27 50		n.a.
T 27	10 50	21 31	5 15	4 37	1 25	0s 9	0 25	25 24	1 27	20 13	0 45	11 2	2 23	23 32	0 25	20 37	0 15	20 27	12 55	17 13	17 28	27 50		n.a.
W28	10 27	25 15	5 5	3 56	1 31	0 42	0 28	25 23	1 28	20 14	0 45	11 0	2 23	23 32	0 25	20 38	0 15	20 26	12 55	17 14	17 29	27 50		n.a.
T 29	10 5	27 28	4 37	3 15	1 36	1 15	0 30	25 22	1 29	20 16	0 45	10 57	2 23	23 32	0 25	20 38	0 15	20 25	12 55	17 13	17 30	27 50		n.a.
F 30	9n41	27s55	3s51	2n34	1s41	1s48	0s33	25n20	1n29	20s18	0s45	10n54	2n23	23n33	0n25	20n38	0s15	20n24	12n55	17s13	17s31	27n50		n.a.

Julian Day Number = 197843.5, Delta T = 32h15m51s
Ecliptic obliquity = 24°06'59, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'49, Lahiri = -61°15'48 Julian Calendar 1 Sept. 4172 BCE == Greg. Calendar 30 July 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

OCTOBER 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 29 54	6♍41'11	10♉47	21♍25	4♎24	8♋56	25♏12	8♍24	14♊ 4	0♊40	8♍46	13♒36	12♒32	21♊ 6	n.a.	S 1
S 2	22 33 51	7°42'25	25° 4	22°55	5°38	9°32	25°20	8°31	14° 5	0°40	8°48	13°37	12°29	21°12	n.a.	S 2
M 3	22 37 47	8°43'40	9♒18	24°24	6°53	10° 9	25°28	8°38	14° 6	0°40	8°50	13°R38	12°25	21°19	n.a.	M 3
T 4	22 41 44	9°44'56	23°25	25°53	8° 7	10°45	25°36	8°45	14° 7	0°40	8°53	13°38	12°22	21°26	n.a.	T 4
W 5	22 45 40	10°46'13	7♓21	27°22	9°21	11°22	25°44	8°52	14° 8	0°R40	8°55	13°36	12°19	21°33	n.a.	W 5
T 6	22 49 37	11°47'30	21° 2	28°49	10°35	11°58	25°52	8°58	14° 9	0°40	8°58	13°33	12°16	21°39	n.a.	T 6
F 7	22 53 33	12°48'48	4♈26	0♎16	11°50	12°34	26° 0	9° 5	14°10	0°40	9° 0	13°28	12°13	21°46	n.a.	F 7
S 8	22 57 30	13°50'07	17°31	1°42	13° 4	13°11	26° 8	9°12	14°11	0°40	9° 2	13°23	12° 9	21°53	n.a.	S 8
S 9	23 1 26	14°51'26	0♉17	3° 7	14°18	13°47	26°17	9°19	14°12	0°40	9° 5	13°18	12° 6	21°59	n.a.	S 9
M10	23 5 23	15°52'46	12°44	4°30	15°32	14°23	26°26	9°26	14°12	0°40	9° 7	13°13	12° 3	22° 6	n.a.	M10
T 11	23 9 20	16°54'07	24°56	5°52	16°46	15° 0	26°35	9°33	14°13	0°39	9° 9	13° 9	12° 0	22°13	n.a.	T 11
W12	23 13 16	17°55'29	6♊56	7°12	18° 0	15°36	26°44	9°40	14°14	0°39	9°12	13° 7	11°57	22°19	n.a.	W12
T 13	23 17 13	18°56'52	18°48	8°30	19°14	16°12	26°53	9°47	14°14	0°39	9°14	13°D 6	11°54	22°26	n.a.	T 13
F 14	23 21 9	19°58'15	0♋38	9°46	20°28	16°48	27° 2	9°54	14°15	0°39	9°17	13° 7	11°50	22°33	n.a.	F 14
S 15	23 25 6	20°59'39	12°31	10°58	21°42	17°24	27°11	10° 1	14°15	0°38	9°19	13° 8	11°47	22°40	n.a.	S 15
S 16	23 29 2	22° 1'04	24°32	12° 7	22°56	18° 0	27°21	10° 7	14°15	0°38	9°21	13°10	11°44	22°46	n.a.	S 16
M17	23 32 59	23° 2'29	6♌45	13°12	24°10	18°37	27°31	10°14	14°16	0°38	9°24	13°11	11°41	22°53	n.a.	M17
T 18	23 36 56	24° 3'54	19°14	14°12	25°24	19°13	27°40	10°21	14°16	0°37	9°26	13°R11	11°38	23° 0	n.a.	T 18
W19	23 40 52	25° 5'20	2♍ 2	15° 8	26°38	19°48	27°50	10°28	14°16	0°37	9°28	13° 9	11°34	23° 6	n.a.	W19
T 20	23 44 49	26° 6'46	15°11	15°57	27°52	20°24	28° 0	10°35	14°16	0°36	9°31	13° 5	11°31	23°13	n.a.	T 20
F 21	23 48 45	27° 8'12	28°40	16°39	29° 6	21° 0	28°10	10°42	14°16	0°36	9°33	12°59	11°28	23°20	n.a.	F 21
S 22	23 52 42	28° 9'38	12♎26	17°13	0♏19	21°36	28°21	10°48	14°R16	0°35	9°35	12°52	11°25	23°26	n.a.	S 22
S 23	23 56 38	29°11'04	26°26	17°39	1°33	22°12	28°31	10°55	14°16	0°34	9°38	12°44	11°22	23°33	n.a.	S 23
M24	0 0 35	0♎12'30	10♏36	17°56	2°47	22°48	28°41	11° 2	14°16	0°34	9°40	12°36	11°19	23°40	n.a.	M24
T 25	0 4 32	1°13'56	24°51	18°R 1	4° 1	23°23	28°52	11° 8	14°16	0°33	9°42	12°29	11°15	23°46	n.a.	T 25
W26	0 8 28	2°15'22	9♐ 7	17°56	5°14	23°59	29° 3	11°15	14°16	0°33	9°44	12°25	11°12	23°53	n.a.	W26
T 27	0 12 25	3°16'47	23°19	17°39	6°28	24°35	29°14	11°22	14°16	0°32	9°47	12°22	11° 9	24° 0	n.a.	T 27
F 28	0 16 21	4°18'11	7♑27	17°11	7°41	25°10	29°24	11°28	14°15	0°31	9°49	12°D22	11° 6	24° 6	n.a.	F 28
S 29	0 20 18	5°19'35	21°28	16°30	8°55	25°46	29°35	11°35	14°15	0°30	9°51	12°23	11° 3	24°13	n.a.	S 29
S 30	0 24 14	6°20'59	5♒22	15°39	10° 8	26°21	29°47	11°41	14°14	0°29	9°53	12°R24	11° 0	24°20	n.a.	S 30
M31	0 28 11	7♎22'21	19♒ 9	14♎38	11♏22	26♋56	29♏58	11♍48	14♊14	0♊29	9♍55	12♒24	10♒56	24♊27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n18	26s30	2s51	1n53	1s46	2s20	0s36	25n18	1n30	20s20	0s45	10n51	2n23	23n33	0n25	20n38	0s15	20n23	12n54	17s13	17s31	27n50		n.a.
S 2	8 55	23 22	1 40	1 12	1 51	2 53	0 38	25 16	1 31	20 22	0 45	10 49	2 23	23 33	0 25	20 38	0 15	20 22	12 54	17 12	17 32	27 49		n.a.
M 3	8 31	18 49	0 24	0 32	1 55	3 26	0 41	25 14	1 31	20 24	0 45	10 46	2 23	23 33	0 25	20 38	0 15	20 21	12 54	17 12	17 33	27 49		n.a.
T 4	8 8	13 15	0n53	0s 8	1 59	3 58	0 44	25 12	1 32	20 25	0 45	10 43	2 23	23 33	0 25	20 38	0 15	20 19	12 54	17 12	17 34	27 49		n.a.
W 5	7 44	7 6	2 6	0 48	2 3	4 31	0 46	25 9	1 33	20 27	0 45	10 41	2 23	23 33	0 25	20 38	0 15	20 18	12 54	17 13	17 35	27 49		n.a.
T 6	7 20	0 44	3 11	1 27	2 6	5 3	0 49	25 7	1 34	20 29	0 45	10 38	2 23	23 34	0 25	20 38	0 15	20 17	12 54	17 14	17 36	27 49		n.a.
F 7	6 56	5n31	4 3	2 5	2 10	5 36	0 52	25 4	1 34	20 31	0 45	10 35	2 23	23 34	0 25	20 38	0 15	20 16	12 54	17 15	17 37	27 49		n.a.
S 8	6 32	11 22	4 41	2 42	2 12	6 8	0 54	25 1	1 35	20 33	0 45	10 33	2 23	23 34	0 25	20 38	0 15	20 16	12 54	17 16	17 38	27 49		n.a.
S 9	6 8	16 36	5 4	3 19	2 14	6 40	0 57	24 58	1 36	20 36	0 45	10 30	2 23	23 34	0 25	20 38	0 15	20 15	12 54	17 18	17 39	27 49		n.a.
M10	5 43	21 2	5 12	3 55	2 16	7 12	0 59	24 55	1 36	20 38	0 45	10 27	2 23	23 34	0 25	20 38	0 15	20 14	12 54	17 19	17 40	27 49		n.a.
T 11	5 19	24 28	5 5	4 29	2 17	7 43	1 2	24 51	1 37	20 40	0 45	10 25	2 23	23 34	0 25	20 38	0 15	20 13	12 54	17 21	17 41	27 48		n.a.
W12	4 54	26 46	4 46	5 2	2 18	8 15	1 4	24 48	1 38	20 42	0 45	10 22	2 23	23 34	0 25	20 38	0 15	20 12	12 54	17 21	17 42	27 48		n.a.
T 13	4 30	27 50	4 14	5 34	2 18	8 46	1 7	24 44	1 38	20 44	0 45	10 19	2 23	23 34	0 25	20 38	0 15	20 11	12 54	17 22	17 42	27 48		n.a.
F 14	4 5	27 38	3 31	6 4	2 17	9 17	1 9	24 40	1 39	20 46	0 45	10 17	2 23	23 34	0 25	20 38	0 15	20 10	12 54	17 21	17 43	27 48		n.a.
S 15	3 40	26 9	2 39	6 32	2 16	9 48	1 12	24 36	1 40	20 49	0 45	10 14	2 23	23 35	0 25	20 37	0 15	20 9	12 54	17 21	17 44	27 48		n.a.
S 16	3 15	23 27	1 40	6 57	2 13	10 18	1 14	24 32	1 41	20 51	0 45	10 11	2 24	23 35	0 25	20 37	0 15	20 8	12 54	17 20	17 45	27 48		n.a.
M17	2 50	19 40	0 35	7 20	2 10	10 49	1 17	24 27	1 41	20 53	0 45	10 9	2 24	23 35	0 25	20 37	0 15	20 7	12 54	17 20	17 46	27 47		n.a.
T 18	2 25	14 57	0s33	7 41	2 6	11 19	1 19	24 23	1 42	20 55	0 45	10 6	2 24	23 35	0 25	20 37	0 15	20 6	12 54	17 20	17 47	27 47		n.a.
W19	2 0	9 29	1 40	7 58	2 0	11 48	1 21	24 18	1 43	20 58	0 45	10 3	2 24	23 35	0 25	20 37	0 15	20 5	12 54	17 21	17 48	27 47		n.a.
T 20	1 35	3 29	2 44	8 11	1 54	12 18	1 23	24 13	1 43	21 0	0 45	10 1	2 24	23 35	0 25	20 37	0 15	20 4	12 54	17 22	17 49	27 47		n.a.
F 21	1 10	2s49	3 41	8 21	1 46	12 47	1 25	24 8	1 44	21 2	0 45	9 58	2 24	23 35	0 25	20 37	0 15	20 3	12 54	17 23	17 50	27 46		n.a.
S 22	0 45	9 6	4 25	8 26	1 37	13 16	1 28	24 3	1 45	21 5	0 45	9 56	2 24	23 35	0 26	20 37	0 15	20 3	12 54	17 26	17 51	27 46		n.a.
S 23	0 20	15 2	4 55	8 26	1 26	13 44	1 30	23 58	1 46	21 7	0 45	9 53	2 24	23 35	0 26	20 37	0 14	20 2	12 54	17 28	17 52	27 46		n.a.
M24	0s 5	20 16	5 7	8 21	1 14	14 13	1 32	23 52	1 46	21 10	0 45	9 50	2 24	23 35	0 26	20 37	0 14	20 1	12 54	17 30	17 52	27 46		n.a.
T 25	0 30	24 21	5 0	8 11	1 0	14 40	1 34	23 47	1 47	21 12	0 45	9 48	2 24	23 35	0 26	20 36	0 14	20 0	12 54	17 32	17 53	27 45		n.a.
W26	0 55	26 58	4 35	7 55	0 45	15 8	1 36	23 41	1 48	21 14	0 45	9 45	2 24	23 35	0 26	20 36	0 14	19 59	12 55	17 33	17 54	27 45		n.a.
T 27	1 20	27 49	3 53	7 33	0 29	15 35	1 37	23 35	1 48	21 17	0 45	9 43	2 24	23 35	0 26	20 36	0 14	19 58	12 55	17 34	17 55	27 45		n.a.
F 28	1 45	26 50	2 56	7 6	0 11	16 1	1 39	23 29	1 49	21 19	0 45	9 40	2 24	23 35	0 26	20 36	0 14	19 58	12 55	17 34	17 56	27 45		n.a.
S 29	2 10	24 10	1 50	6 32	0n 8	16 28	1 41	23 23	1 50	21 22	0 45	9 38	2 24	23 35	0 26	20 36	0 14	19 57	12 55	17 34	17 57	27 44		n.a.
S 30	2 35	20 4	0 38	5 54	0 28	16 53	1 43	23 17	1 51	21 24	0 45	9 35	2 24	23 35	0 26	20 36	0 14	19 56	12 55	17 34	17 58	27 44		n.a.
M31	3s 0	14s56	0n36	5s11	0n48	17s19	1s44	23n11	1n51	21s27	0s45	9n33	2n24	23n35	0n26	20n36	0s14	19n55	12n55	17s34	17s59	27n44		n.a.

Julian Day Number = 197873.5, Delta T = 32h15m47s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'45, Lahiri = -61°15'44 Julian Calendar 1 Oct. 4172 BCE == Greg. Calendar 29 Aug. 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

NOVEMBER 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 32 8	8♎23'43	2♓47	13°R28	12♏35	27♋32	0♐ 9	11♍54	14°R13	0°R28	9♍58	12°R22	10♒53	24♊33	n.a.	T 1
W 2	0 36 4	9°25'05	16°17	12♎13	13°48	28° 7	0°21	12° 1	14♊13	0♊27	10° 0	12♒17	10°50	24°40	n.a.	W 2
T 3	0 40 1	10°26'25	29°35	10°53	15° 2	28°42	0°32	12° 7	14°12	0°26	10° 2	12°10	10°47	24°47	n.a.	T 3
F 4	0 43 57	11°27'46	12♈42	9°33	16°15	29°17	0°44	12°14	14°11	0°25	10° 4	12° 0	10°44	24°53	n.a.	F 4
S 5	0 47 54	12°29'05	25°34	8°14	17°28	29°52	0°55	12°20	14°11	0°24	10° 6	11°49	10°40	25° 0	n.a.	S 5
S 6	0 51 51	13°30'25	8♉12	6°59	18°41	0♌28	1° 7	12°26	14°10	0°23	10° 8	11°37	10°37	25° 7	n.a.	S 6
M 7	0 55 47	14°31'44	20°35	5°50	19°54	1° 2	1°19	12°32	14° 9	0°22	10°10	11°26	10°34	25°13	n.a.	M 7
T 8	0 59 44	15°33'02	2♊45	4°48	21° 7	1°37	1°31	12°39	14° 8	0°21	10°12	11°16	10°31	25°20	n.a.	T 8
W 9	1 3 40	16°34'20	14°44	3°55	22°20	2°12	1°43	12°45	14° 7	0°20	10°14	11° 9	10°28	25°27	n.a.	W 9
T 10	1 7 37	17°35'37	26°36	3°12	23°33	2°47	1°55	12°51	14° 6	0°19	10°16	11° 4	10°25	25°33	n.a.	T 10
F 11	1 11 33	18°36'54	8♋24	2°38	24°46	3°22	2° 7	12°57	14° 5	0°18	10°18	11° 1	10°21	25°40	n.a.	F 11
S 12	1 15 30	19°38'10	20°15	2°14	25°59	3°57	2°20	13° 3	14° 4	0°16	10°20	11°D 1	10°18	25°47	n.a.	S 12
S 13	1 19 27	20°39'26	2♌14	2° 0	27°11	4°31	2°32	13° 9	14° 3	0°15	10°22	11° 1	10°15	25°53	n.a.	S 13
M14	1 23 23	21°40'41	14°26	1°D55	28°24	5° 6	2°44	13°15	14° 1	0°14	10°24	11°R 1	10°12	26° 0	n.a.	M14
T 15	1 27 20	22°41'55	26°56	1°58	29°37	5°40	2°57	13°21	14° 0	0°13	10°26	11° 0	10° 9	26° 7	n.a.	T 15
W16	1 31 16	23°43'09	9♍49	2° 9	0♐49	6°15	3° 9	13°27	13°59	0°12	10°28	10°57	10° 6	26°14	n.a.	W16
T 17	1 35 13	24°44'21	23° 7	2°27	2° 2	6°49	3°22	13°33	13°57	0°10	10°30	10°51	10° 2	26°20	n.a.	T 17
F 18	1 39 9	25°45'33	6♎51	2°52	3°14	7°23	3°35	13°38	13°56	0° 9	10°32	10°42	9°59	26°27	n.a.	F 18
S 19	1 43 6	26°46'44	20°59	3°23	4°26	7°57	3°48	13°44	13°55	0° 8	10°34	10°31	9°56	26°34	n.a.	S 19
S 20	1 47 3	27°47'53	5♏26	3°59	5°39	8°31	4° 0	13°50	13°53	0° 6	10°35	10°19	9°53	26°40	n.a.	S 20
M21	1 50 59	28°49'02	20° 5	4°40	6°51	9° 5	4°13	13°55	13°51	0° 5	10°37	10° 7	9°50	26°47	n.a.	M21
T 22	1 54 56	29°50'09	4♐48	5°26	8° 3	9°39	4°26	14° 1	13°50	0° 4	10°39	9°56	9°46	26°54	n.a.	T 22
W23	1 58 52	0♏51'15	19°28	6°16	9°15	10°13	4°39	14° 6	13°48	0° 2	10°41	9°49	9°43	27° 0	n.a.	W23
T 24	2 2 49	1°52'20	3♑59	7° 9	10°27	10°47	4°53	14°12	13°47	0° 1	10°42	9°44	9°40	27° 7	n.a.	T 24
F 25	2 6 46	2°53'22	18°15	8° 6	11°39	11°21	5° 6	14°17	13°45	29♉59	10°44	9°42	9°37	27°14	n.a.	F 25
S 26	2 10 42	3°54'23	2♒17	9° 6	12°51	11°54	5°19	14°22	13°43	29°58	10°46	9°41	9°34	27°20	n.a.	S 26
S 27	2 14 39	4°55'23	16° 3	10° 9	14° 2	12°28	5°32	14°28	13°41	29°56	10°47	9°41	9°31	27°27	n.a.	S 27
M28	2 18 35	5°56'20	29°34	11°14	15°14	13° 1	5°46	14°33	13°39	29°55	10°49	9°40	9°27	27°34	n.a.	M28
T 29	2 22 32	6°57'16	12♓53	12°21	16°25	13°34	5°59	14°38	13°37	29°53	10°51	9°37	9°24	27°40	n.a.	T 29
W30	2 26 28	7♏58'10	25♓59	13♎30	17♐37	14♌ 7	6♐12	14♍43	13♊36	29♉52	10♍52	9♒31	9♒21	27♊47	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s25	9s 7	1n47	4s25	1n 8	17s43	1s46	23n 4	1n52	21s29	0s45	9n30	2n24	23n35	0n26	20n35	0s14	19n55	12n55	17s34	18s 0	27n43		n.a.
W 2	3 50	2 57	2 51	3 37	1 28	18 8	1 47	22 58	1 53	21 32	0 45	9 28	2 25	23 35	0 26	20 35	0 14	19 54	12 55	17 36	18 0	27 43		n.a.
T 3	4 15	3n15	3 44	2 48	1 47	18 32	1 49	22 51	1 54	21 34	0 45	9 25	2 25	23 35	0 26	20 35	0 14	19 53	12 55	17 38	18 1	27 43		n.a.
F 4	4 39	9 12	4 25	1 59	2 5	18 55	1 50	22 44	1 54	21 37	0 45	9 23	2 25	23 35	0 26	20 35	0 14	19 52	12 56	17 41	18 2	27 42		n.a.
S 5	5 4	14 39	4 51	1 13	2 20	19 18	1 51	22 37	1 55	21 39	0 45	9 21	2 25	23 35	0 26	20 35	0 14	19 52	12 56	17 44	18 3	27 42		n.a.
S 6	5 29	19 23	5 3	0 30	2 34	19 40	1 53	22 30	1 56	21 42	0 45	9 18	2 25	23 35	0 26	20 34	0 14	19 51	12 56	17 47	18 4	27 42		n.a.
M 7	5 53	23 12	4 59	0n 9	2 46	20 2	1 54	22 23	1 57	21 44	0 45	9 16	2 25	23 35	0 26	20 34	0 14	19 50	12 56	17 50	18 5	27 41		n.a.
T 8	6 17	25 54	4 42	0 43	2 55	20 23	1 55	22 16	1 57	21 47	0 45	9 13	2 25	23 34	0 26	20 34	0 14	19 50	12 56	17 53	18 6	27 41		n.a.
W 9	6 41	27 24	4 13	1 11	3 3	20 44	1 56	22 9	1 58	21 49	0 45	9 11	2 25	23 34	0 26	20 34	0 14	19 49	12 56	17 55	18 7	27 41		n.a.
T 10	7 6	27 37	3 33	1 33	3 8	21 4	1 57	22 1	1 59	21 52	0 45	9 9	2 25	23 34	0 26	20 33	0 14	19 48	12 57	17 57	18 8	27 40		n.a.
F 11	7 30	26 34	2 44	1 50	3 11	21 23	1 57	21 53	2 0	21 55	0 45	9 6	2 25	23 34	0 26	20 33	0 14	19 48	12 57	17 57	18 8	27 40		n.a.
S 12	7 53	24 19	1 48	2 1	3 12	21 42	1 58	21 46	2 1	21 57	0 45	9 4	2 26	23 34	0 26	20 33	0 14	19 47	12 57	17 57	18 9	27 39		n.a.
S 13	8 17	20 58	0 47	2 7	3 12	22 1	1 59	21 38	2 1	22 0	0 45	9 2	2 26	23 34	0 26	20 33	0 14	19 47	12 57	17 57	18 10	27 39		n.a.
M14	8 41	16 40	0s18	2 7	3 11	22 18	1 59	21 30	2 2	22 2	0 45	9 0	2 26	23 34	0 26	20 32	0 14	19 46	12 57	17 57	18 11	27 39		n.a.
T 15	9 4	11 35	1 23	2 4	3 8	22 35	2 0	21 22	2 3	22 5	0 45	8 57	2 26	23 34	0 26	20 32	0 14	19 45	12 58	17 58	18 12	27 38		n.a.
W16	9 28	5 51	2 26	1 56	3 4	22 52	2 0	21 14	2 4	22 7	0 45	8 55	2 26	23 34	0 26	20 32	0 14	19 45	12 58	17 59	18 13	27 38		n.a.
T 17	9 51	0s18	3 23	1 44	3 0	23 7	2 1	21 6	2 4	22 10	0 45	8 53	2 26	23 33	0 26	20 32	0 14	19 44	12 58	18 0	18 14	27 37		n.a.
F 18	10 14	6 36	4 10	1 29	2 55	23 22	2 1	20 57	2 5	22 12	0 45	8 51	2 26	23 33	0 26	20 31	0 14	19 44	12 58	18 3	18 15	27 37		n.a.
S 19	10 36	12 46	4 43	1 11	2 49	23 37	2 1	20 49	2 6	22 15	0 45	8 49	2 27	23 33	0 26	20 31	0 14	19 43	12 59	18 6	18 16	27 36		n.a.
S 20	10 59	18 23	4 59	0 50	2 42	23 50	2 1	20 41	2 7	22 17	0 45	8 47	2 27	23 33	0 26	20 31	0 14	19 43	12 59	18 9	18 16	27 36		n.a.
M21	11 21	23 0	4 56	0 27	2 35	24 3	2 1	20 32	2 8	22 20	0 46	8 45	2 27	23 33	0 27	20 31	0 14	19 42	12 59	18 13	18 17	27 36		n.a.
T 22	11 44	26 10	4 33	0 2	2 28	24 16	2 1	20 23	2 8	22 22	0 46	8 43	2 27	23 33	0 27	20 30	0 14	19 42	12 59	18 15	18 18	27 35		n.a.
W23	12 6	27 32	3 52	0s25	2 20	24 27	2 1	20 15	2 9	22 25	0 46	8 41	2 27	23 33	0 27	20 30	0 14	19 41	12 59	18 18	18 19	27 35		n.a.
T 24	12 27	27 0	2 57	0 54	2 12	24 38	2 1	20 6	2 10	22 28	0 46	8 38	2 27	23 32	0 27	20 30	0 14	19 41	13 0	18 19	18 20	27 34		n.a.
F 25	12 49	24 39	1 51	1 24	2 4	24 48	2 0	19 57	2 11	22 30	0 46	8 37	2 27	23 32	0 27	20 29	0 14	19 40	13 0	18 19	18 21	27 34		n.a.
S 26	13 10	20 51	0 39	1 56	1 56	24 57	2 0	19 48	2 12	22 33	0 46	8 35	2 28	23 32	0 27	20 29	0 14	19 40	13 0	18 20	18 22	27 33		n.a.
S 27	13 32	15 57	0n34	2 29	1 48	25 6	1 59	19 39	2 12	22 35	0 46	8 33	2 28	23 32	0 27	20 29	0 14	19 40	13 1	18 20	18 23	27 33		n.a.
M28	13 52	10 21	1 43	3 3	1 40	25 14	1 58	19 30	2 13	22 37	0 46	8 31	2 28	23 32	0 27	20 28	0 14	19 39	13 1	18 20	18 23	27 32		n.a.
T 29	14 13	4 22	2 46	3 37	1 31	25 21	1 58	19 21	2 14	22 40	0 46	8 29	2 28	23 31	0 27	20 28	0 14	19 39	13 1	18 21	18 24	27 31		n.a.
W30	14s33	1n41	3n38	4s13	1n23	25s27	1s57	19n12	2n15	22s42	0s46	8n27	2n28	23n31	0n27	20n28	0s14	19n39	13n 1	18s22	18s25	27n31		n.a.

Julian Day Number = 197904.5, Delta T = 32h15m44s
Ecliptic obliquity = 24°07'00, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'41, Lahiri = -61°15'40 Julian Calendar 1 Nov. 4172 BCE == Greg. Calendar 29 Sept. 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4172 BCE
geocentric

DECEMBER 4172 BCE (-4171) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 30 25	8♏59'02	8♈55	14♎41	18♐48	14♌40	6♐26	14♍48	13°R34	29°R50	10♍54	9°R22	9♒18	27♊54	n.a.	T 1
F 2	2 34 21	9°59'52	21°40	15°55	19°59	15°13	6°39	14°53	13♊32	29♉49	10°55	9♒10	9°15	28° 0	n.a.	F 2
S 3	2 38 18	11° 0'41	4♉15	17° 9	21°10	15°46	6°53	14°58	13°29	29°47	10°57	8°56	9°11	28° 7	n.a.	S 3
S 4	2 42 15	12° 1'29	16°38	18°26	22°21	16°19	7° 7	15° 3	13°27	29°46	10°58	8°42	9° 8	28°14	n.a.	S 4
M 5	2 46 11	13° 2'14	28°52	19°43	23°32	16°52	7°20	15° 7	13°25	29°44	10°59	8°28	9° 5	28°20	n.a.	M 5
T 6	2 50 8	14° 2'59	10♊56	21° 2	24°43	17°24	7°34	15°12	13°23	29°42	11° 1	8°15	9° 2	28°27	n.a.	T 6
W 7	2 54 4	15° 3'41	22°51	22°23	25°53	17°57	7°48	15°17	13°21	29°41	11° 2	8° 5	8°59	28°34	n.a.	W 7
T 8	2 58 1	16° 4'22	4♋41	23°44	27° 4	18°29	8° 1	15°21	13°19	29°39	11° 3	7°58	8°56	28°41	n.a.	T 8
F 9	3 1 58	17° 5'02	16°29	25° 7	28°14	19° 1	8°15	15°26	13°17	29°38	11° 5	7°54	8°52	28°47	n.a.	F 9
S 10	3 5 54	18° 5'40	28°18	26°31	29°25	19°33	8°29	15°30	13°14	29°36	11° 6	7°52	8°49	28°54	n.a.	S 10
S 11	3 9 51	19° 6'16	10♌15	27°56	0♍35	20° 5	8°43	15°34	13°12	29°34	11° 7	7°D52	8°46	29° 1	n.a.	S 11
M12	3 13 47	20° 6'51	22°24	29°22	1°45	20°37	8°57	15°38	13°10	29°33	11° 8	7°R52	8°43	29° 7	n.a.	M12
T 13	3 17 44	21° 7'24	4♍51	0♏49	2°55	21° 9	9°11	15°43	13° 7	29°31	11° 9	7°51	8°40	29°14	n.a.	T 13
W14	3 21 40	22° 7'55	17°41	2°17	4° 4	21°41	9°25	15°47	13° 5	29°29	11°10	7°49	8°37	29°21	n.a.	W14
T 15	3 25 37	23° 8'25	0♎58	3°46	5°14	22°12	9°39	15°51	13° 3	29°28	11°12	7°44	8°33	29°27	n.a.	T 15
F 16	3 29 33	24° 8'53	14°44	5°16	6°23	22°43	9°53	15°54	13° 0	29°26	11°13	7°36	8°30	29°34	n.a.	F 16
S 17	3 33 30	25° 9'20	28°58	6°47	7°33	23°14	10° 7	15°58	12°58	29°24	11°14	7°26	8°27	29°41	n.a.	S 17
S 18	3 37 27	26° 9'44	13♏38	8°19	8°42	23°45	10°21	16° 2	12°55	29°23	11°15	7°15	8°24	29°47	n.a.	S 18
M19	3 41 23	27°10'07	28°35	9°51	9°51	24°16	10°35	16° 6	12°53	29°21	11°16	7° 4	8°21	29°54	n.a.	M19
T 20	3 45 20	28°10'28	13♐41	11°25	11° 0	24°47	10°49	16° 9	12°50	29°19	11°17	6°55	8°17	0♋ 1	n.a.	T 20
W21	3 49 16	29°10'47	28°45	13° 0	12° 8	25°18	11° 4	16°13	12°48	29°18	11°17	6°47	8°14	0° 7	n.a.	W21
T 22	3 53 13	0♑11'03	13♑38	14°36	13°17	25°48	11°18	16°16	12°45	29°16	11°18	6°43	8°11	0°14	n.a.	T 22
F 23	3 57 9	1°11'18	28°14	16°12	14°25	26°18	11°32	16°19	12°43	29°14	11°19	6°41	8° 8	0°21	n.a.	F 23
S 24	4 1 6	2°11'29	12♒28	17°50	15°33	26°48	11°46	16°23	12°40	29°13	11°20	6°D41	8° 5	0°27	n.a.	S 24
S 25	4 5 3	3°11'39	26°20	19°29	16°41	27°18	12° 0	16°26	12°38	29°11	11°21	6°41	8° 2	0°34	n.a.	S 25
M26	4 8 59	4°11'45	9♓51	21° 8	17°49	27°48	12°15	16°29	12°35	29° 9	11°21	6°R41	7°58	0°41	n.a.	M26
T 27	4 12 56	5°11'50	23° 2	22°49	18°56	28°17	12°29	16°32	12°33	29° 8	11°22	6°40	7°55	0°47	n.a.	T 27
W28	4 16 52	6°11'51	5♈57	24°31	20° 4	28°47	12°43	16°35	12°30	29° 6	11°23	6°36	7°52	0°54	n.a.	W28
T 29	4 20 49	7°11'51	18°37	26°13	21°11	29°16	12°57	16°38	12°27	29° 4	11°23	6°29	7°49	1° 1	n.a.	T 29
F 30	4 24 45	8°11'48	1♉ 6	27°57	22°18	29°45	13°12	16°40	12°25	29° 3	11°24	6°21	7°46	1° 7	n.a.	F 30
S 31	4 28 42	9♑11'43	13♉24	29♏42	23♍24	0♏14	13♐26	16♍43	12♊22	29♉ 1	11♍24	6♒10	7♒43	1♋14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14s54	7n34	4n19	4s49	1n14	25s33	1s56	19n 3	2n16	22s45	0s46	8n25	2n28	23n31	0n27	20n27	0s14	19n38	13n 2	18s25	18s26	27n30			n.a.
F 2	15 13	13 4	4 46	5 25	1 6	25 38	1 55	18 53	2 16	22 47	0 46	8 23	2 29	23 31	0 27	20 27	0 14	19 38	13 2	18 28	18 27	27 30			n.a.
S 3	15 33	17 57	4 58	6 2	0 58	25 42	1 53	18 44	2 17	22 50	0 46	8 22	2 29	23 30	0 27	20 27	0 14	19 38	13 2	18 32	18 28	27 29			n.a.
S 4	15 52	22 0	4 57	6 40	0 49	25 45	1 52	18 35	2 18	22 52	0 46	8 20	2 29	23 30	0 27	20 26	0 14	19 37	13 3	18 36	18 29	27 29			n.a.
M 5	16 11	25 2	4 41	7 18	0 41	25 48	1 51	18 25	2 19	22 55	0 46	8 18	2 29	23 30	0 27	20 26	0 14	19 37	13 3	18 40	18 29	27 28			n.a.
T 6	16 30	26 53	4 13	7 56	0 33	25 50	1 49	18 16	2 20	22 57	0 46	8 16	2 29	23 30	0 27	20 26	0 14	19 37	13 3	18 43	18 30	27 28			n.a.
W 7	16 49	27 29	3 34	8 34	0 25	25 51	1 48	18 6	2 20	22 59	0 46	8 15	2 29	23 29	0 27	20 25	0 14	19 37	13 4	18 46	18 31	27 27			n.a.
T 8	17 7	26 48	2 46	9 12	0 17	25 51	1 46	17 57	2 21	23 2	0 46	8 13	2 30	23 29	0 27	20 25	0 14	19 36	13 4	18 47	18 32	27 26			n.a.
F 9	17 25	24 54	1 51	9 51	0 9	25 51	1 44	17 47	2 22	23 4	0 46	8 12	2 30	23 29	0 27	20 25	0 14	19 36	13 4	18 49	18 33	27 26			n.a.
S 10	17 42	21 54	0 50	10 29	0 1	25 49	1 42	17 37	2 23	23 6	0 46	8 10	2 30	23 29	0 27	20 24	0 14	19 36	13 5	18 49	18 34	27 25			n.a.
S 11	17 59	17 58	0s13	11 8	0s 6	25 47	1 40	17 28	2 24	23 9	0 47	8 8	2 30	23 28	0 27	20 24	0 14	19 36	13 5	18 49	18 35	27 25			n.a.
M12	18 16	13 14	1 16	11 46	0 13	25 45	1 38	17 18	2 25	23 11	0 47	8 7	2 30	23 28	0 27	20 24	0 14	19 36	13 5	18 49	18 35	27 24			n.a.
T 13	18 33	7 52	2 18	12 24	0 21	25 41	1 36	17 8	2 25	23 13	0 47	8 5	2 31	23 28	0 27	20 23	0 14	19 35	13 6	18 49	18 36	27 23			n.a.
W14	18 49	2 2	3 14	13 2	0 28	25 37	1 34	16 58	2 26	23 15	0 47	8 4	2 31	23 28	0 27	20 23	0 14	19 35	13 6	18 50	18 37	27 23			n.a.
T 15	19 5	4s 5	4 2	13 40	0 35	25 32	1 31	16 49	2 27	23 18	0 47	8 3	2 31	23 27	0 27	20 23	0 14	19 35	13 6	18 51	18 38	27 22			n.a.
F 16	19 20	10 13	4 38	14 17	0 41	25 26	1 29	16 39	2 28	23 20	0 47	8 1	2 31	23 27	0 27	20 22	0 14	19 35	13 7	18 53	18 39	27 21			n.a.
S 17	19 35	16 2	4 58	14 54	0 48	25 20	1 26	16 29	2 29	23 22	0 47	8 0	2 31	23 27	0 27	20 22	0 14	19 35	13 7	18 56	18 40	27 21			n.a.
S 18	19 50	21 7	5 0	15 31	0 54	25 13	1 24	16 19	2 29	23 24	0 47	7 59	2 32	23 26	0 27	20 22	0 14	19 35	13 7	18 59	18 41	27 20			n.a.
M19	20 5	24 58	4 41	16 7	1 0	25 5	1 21	16 9	2 30	23 27	0 47	7 57	2 32	23 26	0 27	20 21	0 14	19 35	13 8	19 2	18 41	27 19			n.a.
T 20	20 19	27 6	4 3	16 43	1 6	24 56	1 18	16 0	2 31	23 29	0 47	7 56	2 32	23 26	0 27	20 21	0 14	19 35	13 8	19 4	18 42	27 19			n.a.
W21	20 32	27 14	3 7	17 18	1 11	24 47	1 15	15 50	2 32	23 31	0 47	7 55	2 32	23 25	0 27	20 21	0 14	19 35	13 8	19 6	18 43	27 18			n.a.
T 22	20 46	25 22	1 59	17 53	1 16	24 37	1 12	15 40	2 33	23 33	0 47	7 54	2 33	23 25	0 27	20 20	0 14	19 35	13 9	19 7	18 44	27 17			n.a.
F 23	20 59	21 50	0 45	18 27	1 21	24 27	1 8	15 30	2 34	23 35	0 47	7 53	2 33	23 25	0 27	20 20	0 14	19 35	13 9	19 8	18 45	27 16			n.a.
S 24	21 11	17 3	0n31	19 0	1 26	24 15	1 5	15 20	2 34	23 37	0 47	7 52	2 33	23 24	0 27	20 19	0 14	19 35	13 9	19 8	18 46	27 16			n.a.
S 25	21 23	11 29	1 43	19 33	1 31	24 4	1 2	15 10	2 35	23 39	0 48	7 50	2 33	23 24	0 27	20 19	0 14	19 35	13 10	19 8	18 47	27 15			n.a.
M26	21 35	5 31	2 47	20 4	1 35	23 51	0 58	15 0	2 36	23 41	0 48	7 49	2 33	23 24	0 27	20 19	0 14	19 35	13 10	19 8	18 47	27 14			n.a.
T 27	21 46	0n32	3 41	20 35	1 38	23 38	0 54	14 51	2 37	23 43	0 48	7 48	2 34	23 23	0 27	20 18	0 14	19 35	13 11	19 8	18 48	27 13			n.a.
W28	21 57	6 25	4 22	21 4	1 42	23 24	0 51	14 41	2 38	23 45	0 48	7 48	2 34	23 23	0 27	20 18	0 14	19 35	13 11	19 9	18 49	27 13			n.a.
T 29	22 7	11 56	4 50	21 33	1 45	23 10	0 47	14 31	2 39	23 47	0 48	7 47	2 34	23 23	0 27	20 18	0 14	19 35	13 11	19 11	18 50	27 12			n.a.
F 30	22 17	16 53	5 3	22 0	1 48	22 55	0 43	14 21	2 39	23 49	0 48	7 46	2 34	23 22	0 27	20 17	0 14	19 35	13 12	19 13	18 51	27 11			n.a.
S 31	22s27	21n 5	5n 2	22s27	1s50	22s40	0s39	14n12	2n40	23s51	0s48	7n45	2n35	23n22	0n27	20n17	0s14	19n35	13n12	19s16	18s52	27n10			n.a.

Julian Day Number = 197934.5, Delta T = 32h15m41s
Ecliptic obliquity = 24°06'59, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'37, Lahiri = -61°15'36 Julian Calendar 1 Dec. 4172 BCE == Greg. Calendar 29 Oct. 4172 BCE

The year -4171 astronomical counting style corresponds to year 4172 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

JANUARY 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 32 38	10♐11'35	25♉34	1♐28	24♋31	0♍42	13♐40	16♍45	12°R20	28°R59	11♍25	5°R59	7♒39	1♋21	n.a.	S 1
M 2	4 36 35	11°11'25	7♊36	3°15	25°37	1°11	13°55	16°48	12♊17	28♉58	11°25	5♒48	7°36	1°27	n.a.	M 2
T 3	4 40 31	12°11'13	19°32	5° 3	26°43	1°39	14° 9	16°50	12°14	28°56	11°26	5°39	7°33	1°34	n.a.	T 3
W 4	4 44 28	13°10'59	1♋24	6°53	27°49	2° 7	14°23	16°53	12°12	28°54	11°26	5°31	7°30	1°41	n.a.	W 4
T 5	4 48 25	14°10'43	13°12	8°43	28°54	2°35	14°37	16°55	12° 9	28°53	11°27	5°26	7°27	1°47	n.a.	T 5
F 6	4 52 21	15°10'24	25° 1	10°35	29°59	3° 2	14°52	16°57	12° 6	28°51	11°27	5°24	7°23	1°54	n.a.	F 6
S 7	4 56 18	16°10'04	6♌52	12°27	1♒ 4	3°30	15° 6	16°59	12° 4	28°50	11°27	5°D23	7°20	2° 1	n.a.	S 7
S 8	5 0 14	17° 9'41	18°49	14°21	2° 9	3°57	15°20	17° 1	12° 1	28°48	11°27	5°24	7°17	2° 7	n.a.	S 8
M 9	5 4 11	18° 9'16	0♍58	16°16	3°13	4°24	15°35	17° 2	11°59	28°46	11°28	5°25	7°14	2°14	n.a.	M 9
T 10	5 8 7	19° 8'49	13°23	18°12	4°17	4°50	15°49	17° 4	11°56	28°45	11°28	5°R26	7°11	2°21	n.a.	T 10
W11	5 12 4	20° 8'21	26° 9	20° 9	5°21	5°17	16° 3	17° 6	11°53	28°43	11°28	5°26	7° 8	2°27	n.a.	W11
T 12	5 16 0	21° 7'50	9♎20	22° 6	6°24	5°43	16°18	17° 7	11°51	28°42	11°28	5°25	7° 4	2°34	n.a.	T 12
F 13	5 19 57	22° 7'17	22°59	24° 5	7°27	6° 9	16°32	17° 9	11°48	28°40	11°28	5°21	7° 1	2°41	n.a.	F 13
S 14	5 23 53	23° 6'42	7♏ 8	26° 4	8°30	6°34	16°46	17°10	11°46	28°39	11°28	5°16	6°58	2°48	n.a.	S 14
S 15	5 27 50	24° 6'05	21°43	28° 4	9°33	7° 0	17° 0	17°11	11°43	28°37	11°R28	5°10	6°55	2°54	n.a.	S 15
M16	5 31 47	25° 5'26	6♐41	0♏ 4	10°35	7°25	17°15	17°12	11°41	28°36	11°28	5° 4	6°52	3° 1	n.a.	M16
T 17	5 35 43	26° 4'45	21°52	2° 5	11°36	7°49	17°29	17°13	11°38	28°34	11°28	4°58	6°49	3° 8	n.a.	T 17
W18	5 39 40	27° 4'02	7♏ 8	4° 5	12°38	8°14	17°43	17°14	11°36	28°33	11°28	4°54	6°45	3°14	n.a.	W18
T 19	5 43 36	28° 3'16	22°16	6° 6	13°39	8°38	17°57	17°15	11°33	28°32	11°28	4°52	6°42	3°21	n.a.	T 19
F 20	5 47 33	29° 2'28	7♒ 9	8° 6	14°39	9° 2	18°11	17°16	11°31	28°30	11°28	4°D51	6°39	3°28	n.a.	F 20
S 21	5 51 29	0♏ 1'37	21°40	10° 5	15°40	9°25	18°26	17°16	11°28	28°29	11°28	4°52	6°36	3°34	n.a.	S 21
S 22	5 55 26	1° 0'44	5♓45	12° 3	16°39	9°48	18°40	17°17	11°26	28°27	11°28	4°53	6°33	3°41	n.a.	S 22
M23	5 59 22	1°59'48	19°25	13°59	17°39	10°11	18°54	17°17	11°23	28°26	11°27	4°55	6°29	3°48	n.a.	M23
T 24	6 3 19	2°58'49	2♈40	15°53	18°38	10°34	19° 8	17°18	11°21	28°25	11°27	4°R55	6°26	3°54	n.a.	T 24
W25	6 7 15	3°57'48	15°34	17°45	19°36	10°56	19°22	17°18	11°19	28°23	11°27	4°55	6°23	4° 1	n.a.	W25
T 26	6 11 12	4°56'44	28° 9	19°35	20°34	11°18	19°36	17°18	11°16	28°22	11°26	4°53	6°20	4° 8	n.a.	T 26
F 27	6 15 8	5°55'38	10♉29	21°21	21°31	11°39	19°50	17°R18	11°14	28°21	11°26	4°49	6°17	4°14	n.a.	F 27
S 28	6 19 5	6°54'29	22°38	23° 4	22°28	12° 0	20° 4	17°18	11°12	28°20	11°26	4°45	6°14	4°21	n.a.	S 28
S 29	6 23 2	7°53'18	4♊38	24°43	23°25	12°21	20°18	17°18	11°10	28°18	11°25	4°40	6°10	4°28	n.a.	S 29
M30	6 26 58	8°52'05	16°32	26°17	24°20	12°41	20°32	17°18	11° 7	28°17	11°25	4°36	6° 7	4°34	n.a.	M30
T 31	6 30 55	9♏50'49	28♊22	27♏47	25♒16	13♍ 1	20♐46	17♍17	11♊ 5	28♉16	11♍24	4♒32	6♒ 4	4♋41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	22s36	24n20	4n47	22s52	1s52	22s24	0s35	14n 2	2n41	23s53	0s48	7n44	2n35	23n22	0n27	20n17	0s14	19n35	13n12	19s18	18s52	27n10			n.a.
M 2	22 45	26 27	4 19	23 15	1 53	22 7	0 31	13 52	2 42	23 55	0 48	7 43	2 35	23 21	0 27	20 16	0 14	19 36	13 13	19 21	18 53	27 9			n.a.
T 3	22 53	27 21	3 40	23 37	1 54	21 50	0 26	13 43	2 43	23 57	0 48	7 43	2 35	23 21	0 27	20 16	0 14	19 36	13 13	19 23	18 54	27 8			n.a.
W 4	23 1	26 59	2 52	23 58	1 55	21 33	0 22	13 33	2 44	23 59	0 48	7 42	2 36	23 21	0 27	20 16	0 14	19 36	13 13	19 25	18 55	27 7			n.a.
T 5	23 9	25 22	1 57	24 16	1 55	21 14	0 17	13 23	2 44	24 0	0 49	7 41	2 36	23 20	0 27	20 15	0 14	19 36	13 14	19 27	18 56	27 6			n.a.
F 6	23 16	22 39	0 56	24 33	1 55	20 56	0 13	13 14	2 45	24 2	0 49	7 41	2 36	23 20	0 27	20 15	0 14	19 36	13 14	19 27	18 57	27 6			n.a.
S 7	23 22	18 57	0s 8	24 49	1 54	20 37	0 8	13 4	2 46	24 4	0 49	7 40	2 36	23 20	0 27	20 14	0 14	19 37	13 15	19 27	18 57	27 5			n.a.
S 8	23 28	14 28	1 12	25 2	1 53	20 18	0 3	12 55	2 47	24 6	0 49	7 40	2 36	23 19	0 27	20 14	0 14	19 37	13 15	19 27	18 58	27 4			n.a.
M 9	23 34	9 21	2 14	25 13	1 51	19 58	0n 2	12 45	2 48	24 7	0 49	7 39	2 37	23 19	0 27	20 14	0 14	19 37	13 15	19 27	18 59	27 3			n.a.
T 10	23 39	3 47	3 11	25 22	1 48	19 37	0 7	12 36	2 48	24 9	0 49	7 39	2 37	23 19	0 27	20 13	0 14	19 37	13 16	19 27	19 0	27 2			n.a.
W11	23 44	2s 5	4 0	25 29	1 45	19 17	0 12	12 27	2 49	24 11	0 49	7 38	2 37	23 18	0 27	20 13	0 14	19 38	13 16	19 27	19 1	27 1			n.a.
T 12	23 48	8 2	4 38	25 33	1 41	18 56	0 17	12 18	2 50	24 12	0 49	7 38	2 37	23 18	0 27	20 13	0 14	19 38	13 16	19 27	19 2	27 1			n.a.
F 13	23 52	13 50	5 2	25 36	1 37	18 34	0 22	12 9	2 51	24 14	0 49	7 37	2 38	23 18	0 28	20 12	0 13	19 38	13 17	19 28	19 2	27 0			n.a.
S 14	23 56	19 8	5 9	25 35	1 32	18 13	0 27	11 59	2 51	24 16	0 50	7 37	2 38	23 17	0 28	20 12	0 13	19 38	13 17	19 29	19 3	26 59			n.a.
S 15	23 59	23 28	4 57	25 32	1 26	17 50	0 33	11 50	2 52	24 17	0 50	7 37	2 38	23 17	0 28	20 12	0 13	19 39	13 18	19 31	19 4	26 58			n.a.
M16	24 1	26 22	4 24	25 27	1 20	17 28	0 38	11 42	2 53	24 19	0 50	7 37	2 38	23 17	0 28	20 12	0 13	19 39	13 18	19 32	19 5	26 57			n.a.
T 17	24 3	27 23	3 32	25 19	1 13	17 5	0 44	11 33	2 54	24 20	0 50	7 36	2 39	23 16	0 28	20 11	0 13	19 39	13 18	19 34	19 6	26 56			n.a.
W18	24 5	26 20	2 25	25 8	1 5	16 42	0 49	11 24	2 54	24 22	0 50	7 36	2 39	23 16	0 28	20 11	0 13	19 40	13 19	19 35	19 7	26 55			n.a.
T 19	24 6	23 20	1 8	24 55	0 57	16 19	0 55	11 15	2 55	24 23	0 50	7 36	2 39	23 16	0 28	20 11	0 13	19 40	13 19	19 35	19 7	26 54			n.a.
F 20	24 7	18 48	0n13	24 40	0 48	15 56	1 1	11 7	2 56	24 25	0 50	7 36	2 39	23 15	0 28	20 10	0 13	19 41	13 19	19 35	19 8	26 53			n.a.
S 21	24 7	13 15	1 31	24 22	0 38	15 32	1 7	10 58	2 57	24 26	0 50	7 36	2 40	23 15	0 28	20 10	0 13	19 41	13 20	19 35	19 9	26 52			n.a.
S 22	24 7	7 11	2 41	24 1	0 28	15 8	1 13	10 50	2 57	24 27	0 51	7 36	2 40	23 15	0 28	20 10	0 13	19 41	13 20	19 35	19 10	26 52			n.a.
M23	24 6	0 57	3 40	23 39	0 17	14 44	1 19	10 42	2 58	24 29	0 51	7 36	2 40	23 14	0 28	20 9	0 13	19 42	13 20	19 35	19 11	26 51			n.a.
T 24	24 5	5n 7	4 25	23 14	0 6	14 20	1 25	10 34	2 59	24 30	0 51	7 36	2 40	23 14	0 28	20 9	0 13	19 42	13 21	19 34	19 11	26 50			n.a.
W25	24 3	10 49	4 55	22 48	0n 6	13 55	1 31	10 25	3 0	24 31	0 51	7 36	2 41	23 14	0 28	20 9	0 13	19 43	13 21	19 35	19 12	26 49			n.a.
T 26	24 1	15 55	5 11	22 21	0 18	13 31	1 37	10 18	3 0	24 33	0 51	7 37	2 41	23 13	0 28	20 9	0 13	19 43	13 21	19 35	19 13	26 48			n.a.
F 27	23 59	20 17	5 11	21 52	0 30	13 6	1 43	10 10	3 1	24 34	0 51	7 37	2 41	23 13	0 28	20 8	0 13	19 44	13 22	19 36	19 14	26 47			n.a.
S 28	23 56	23 44	4 58	21 23	0 43	12 41	1 50	10 2	3 1	24 35	0 51	7 37	2 41	23 13	0 28	20 8	0 13	19 44	13 22	19 37	19 15	26 46			n.a.
S 29	23 52	26 6	4 31	20 52	0 56	12 16	1 56	9 54	3 2	24 36	0 51	7 37	2 42	23 12	0 28	20 8	0 13	19 45	13 23	19 38	19 15	26 45			n.a.
M30	23 48	27 17	3 53	20 22	1 9	11 51	2 3	9 47	3 3	24 37	0 52	7 38	2 42	23 12	0 28	20 8	0 13	19 45	13 23	19 39	19 16	26 44			n.a.
T 31	23s44	27n12	3n 5	19s51	1n22	11s27	2n 9	9n40	3n 3	24s39	0s52	7n38	2n42	23n12	0n28	20n 7	0s13	19n46	13n23	19s40	19s17	26n43			n.a.

Julian Day Number = 197965.5, Delta T = 32h15m38s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'32, Lahiri = -61°15'32 Julian Calendar 1 Jan. 4171 BCE == Greg. Calendar 29 Nov. 4172 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

FEBRUARY 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 34 51	10♉49'31	10♋11	29♉12	26♒10	13♍21	21♐ 0	17°R17	11°R 3	28°R15	11°R24	4°R29	6♒ 1	4♋48	n.a.	W 1
T 2	6 38 48	11°48'11	22° 1	0♒32	27° 4	13°40	21°14	17♍16	11♊ 1	28♉14	11♍23	4♒27	5°58	4°54	n.a.	T 2
F 3	6 42 44	12°46'48	3♌53	1°46	27°58	13°58	21°27	17°16	10°59	28°13	11°22	4°D26	5°55	5° 1	n.a.	F 3
S 4	6 46 41	13°45'24	15°50	2°55	28°50	14°17	21°41	17°15	10°57	28°12	11°22	4°27	5°51	5° 8	n.a.	S 4
S 5	6 50 37	14°43'57	27°54	3°58	29°42	14°34	21°55	17°14	10°55	28°10	11°21	4°28	5°48	5°14	n.a.	S 5
M 6	6 54 34	15°42'28	10♍10	4°55	0♓34	14°52	22° 9	17°13	10°53	28° 9	11°20	4°29	5°45	5°21	n.a.	M 6
T 7	6 58 30	16°40'57	22°39	5°46	1°24	15° 9	22°22	17°12	10°51	28° 8	11°20	4°31	5°42	5°28	n.a.	T 7
W 8	7 2 27	17°39'25	5♎26	6°30	2°14	15°25	22°36	17°11	10°49	28° 7	11°19	4°32	5°39	5°34	n.a.	W 8
T 9	7 6 23	18°37'50	18°35	7° 8	3° 3	15°41	22°49	17°10	10°47	28° 7	11°18	4°R32	5°35	5°41	n.a.	T 9
F 10	7 10 20	19°36'14	2♏ 7	7°40	3°52	15°56	23° 3	17° 9	10°45	28° 6	11°17	4°32	5°32	5°48	n.a.	F 10
S 11	7 14 16	20°34'36	16° 4	8° 6	4°39	16°11	23°17	17° 7	10°43	28° 5	11°16	4°31	5°29	5°54	n.a.	S 11
S 12	7 18 13	21°32'57	0♐26	8°25	5°26	16°26	23°30	17° 6	10°41	28° 4	11°16	4°30	5°26	6° 1	n.a.	S 12
M13	7 22 10	22°31'15	15°10	8°38	6°12	16°40	23°43	17° 4	10°40	28° 3	11°15	4°28	5°23	6° 8	n.a.	M13
T 14	7 26 6	23°29'32	0♑10	8°45	6°57	16°53	23°57	17° 3	10°38	28° 2	11°14	4°27	5°20	6°14	n.a.	T 14
W15	7 30 3	24°27'47	15°19	8°R45	7°40	17° 6	24°10	17° 1	10°36	28° 1	11°13	4°26	5°16	6°21	n.a.	W15
T 16	7 33 59	25°25'59	0♒26	8°40	8°23	17°18	24°23	16°59	10°35	28° 1	11°12	4°D25	5°13	6°28	n.a.	T 16
F 17	7 37 56	26°24'10	15°24	8°29	9° 5	17°29	24°36	16°57	10°33	28° 0	11°11	4°26	5°10	6°34	n.a.	F 17
S 18	7 41 52	27°22'19	0♓ 3	8°13	9°46	17°40	24°50	16°55	10°31	27°59	11°10	4°26	5° 7	6°41	n.a.	S 18
S 19	7 45 49	28°20'25	14°19	7°52	10°26	17°51	25° 3	16°53	10°30	27°59	11° 9	4°27	5° 4	6°48	n.a.	S 19
M20	7 49 45	29°18'29	28° 9	7°26	11° 4	18° 0	25°16	16°51	10°28	27°58	11° 8	4°27	5° 1	6°54	n.a.	M20
T 21	7 53 42	0♒16'31	11♈33	6°56	11°41	18° 9	25°29	16°49	10°27	27°57	11° 7	4°27	4°57	7° 1	n.a.	T 21
W22	7 57 38	1°14'31	24°31	6°24	12°18	18°18	25°42	16°46	10°26	27°57	11° 5	4°28	4°54	7° 8	n.a.	W22
T 23	8 1 35	2°12'29	7♉ 8	5°48	12°52	18°26	25°54	16°44	10°24	27°56	11° 4	4°R28	4°51	7°14	n.a.	T 23
F 24	8 5 31	3°10'24	19°27	5°10	13°26	18°33	26° 7	16°42	10°23	27°56	11° 3	4°28	4°48	7°21	n.a.	F 24
S 25	8 9 28	4° 8'18	1♊32	4°31	13°58	18°40	26°20	16°39	10°22	27°55	11° 2	4°D28	4°45	7°28	n.a.	S 25
S 26	8 13 24	5° 6'09	13°28	3°51	14°28	18°45	26°33	16°36	10°21	27°55	11° 1	4°28	4°41	7°34	n.a.	S 26
M27	8 17 21	6° 3'59	25°18	3°12	14°57	18°51	26°45	16°34	10°20	27°54	10°59	4°28	4°38	7°41	n.a.	M27
T 28	8 21 18	7♒ 1'46	7♋ 7	2♒33	15♓25	18♍55	26♐58	16♍31	10♊19	27♉54	10♍58	4♒28	4♒35	7♋48	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23 s39	25n52	2n10	19s21	1n35	11s 2	2n16	9n32	3n 4	24s40	0s52	7n38	2n42	23n11	0n28	20n 7	0s13	19n46	13n24	19s41	19s18	26n42			n.a.
T 2	23 34	23 23	1 8	18 51	1 48	10 37	2 22	9 25	3 5	24 41	0 52	7 39	2 43	23 11	0 28	20 7	0 13	19 47	13 24	19 41	19 19	26 41			n.a.
F 3	23 29	19 53	0 3	18 23	2 0	10 12	2 29	9 19	3 5	24 42	0 52	7 39	2 43	23 11	0 28	20 7	0 13	19 47	13 24	19 42	19 20	26 40			n.a.
S 4	23 23	15 33	1s 2	17 55	2 12	9 47	2 36	9 12	3 6	24 43	0 52	7 40	2 43	23 10	0 28	20 6	0 13	19 48	13 24	19 41	19 20	26 39			n.a.
S 5	23 16	10 34	2 6	17 29	2 24	9 22	2 42	9 5	3 6	24 44	0 52	7 40	2 43	23 10	0 28	20 6	0 13	19 48	13 25	19 41	19 21	26 38			n.a.
M 6	23 10	5 8	3 5	17 4	2 35	8 57	2 49	8 59	3 7	24 45	0 53	7 41	2 43	23 10	0 28	20 6	0 13	19 49	13 25	19 41	19 22	26 37			n.a.
T 7	23 2	0s36	3 56	16 41	2 46	8 33	2 56	8 52	3 7	24 46	0 53	7 41	2 44	23 9	0 28	20 6	0 13	19 49	13 25	19 40	19 23	26 36			n.a.
W 8	22 55	6 26	4 37	16 21	2 56	8 8	3 3	8 46	3 8	24 47	0 53	7 42	2 44	23 9	0 28	20 5	0 13	19 50	13 26	19 40	19 24	26 35			n.a.
T 9	22 47	12 9	5 4	16 2	3 5	7 44	3 10	8 40	3 8	24 48	0 53	7 43	2 44	23 9	0 28	20 5	0 13	19 51	13 26	19 40	19 24	26 34			n.a.
F 10	22 38	17 28	5 16	15 46	3 13	7 19	3 17	8 34	3 8	24 49	0 53	7 43	2 44	23 9	0 28	20 5	0 13	19 51	13 26	19 40	19 25	26 32			n.a.
S 11	22 29	22 2	5 10	15 32	3 20	6 55	3 24	8 29	3 9	24 50	0 53	7 44	2 45	23 8	0 28	20 5	0 13	19 52	13 27	19 40	19 26	26 31			n.a.
S 12	22 20	25 27	4 45	15 21	3 27	6 32	3 31	8 23	3 9	24 51	0 54	7 45	2 45	23 8	0 27	20 5	0 13	19 52	13 27	19 41	19 27	26 30			n.a.
M13	22 10	27 15	4 0	15 13	3 32	6 8	3 38	8 18	3 9	24 51	0 54	7 46	2 45	23 8	0 27	20 5	0 13	19 53	13 27	19 41	19 28	26 29			n.a.
T 14	22 0	27 6	2 59	15 7	3 36	5 45	3 45	8 13	3 10	24 52	0 54	7 47	2 45	23 8	0 27	20 4	0 13	19 54	13 27	19 41	19 28	26 28			n.a.
W15	21 50	24 56	1 44	15 4	3 38	5 22	3 52	8 8	3 10	24 53	0 54	7 48	2 45	23 7	0 27	20 4	0 13	19 54	13 28	19 42	19 29	26 27			n.a.
T 16	21 39	20 59	0 22	15 4	3 40	4 59	3 59	8 4	3 10	24 54	0 54	7 48	2 46	23 7	0 27	20 4	0 13	19 55	13 28	19 42	19 30	26 26			n.a.
F 17	21 28	15 43	1n 1	15 7	3 40	4 36	4 6	7 59	3 10	24 55	0 54	7 49	2 46	23 7	0 27	20 4	0 13	19 55	13 28	19 42	19 31	26 25			n.a.
S 18	21 16	9 38	2 18	15 13	3 38	4 14	4 13	7 55	3 11	24 55	0 55	7 50	2 46	23 7	0 27	20 4	0 13	19 56	13 28	19 42	19 32	26 24			n.a.
S 19	21 4	3 13	3 24	15 21	3 36	3 53	4 20	7 51	3 11	24 56	0 55	7 51	2 46	23 6	0 27	20 4	0 13	19 57	13 29	19 41	19 32	26 22			n.a.
M20	20 52	3n 9	4 16	15 32	3 31	3 31	4 27	7 47	3 11	24 57	0 55	7 52	2 46	23 6	0 27	20 4	0 13	19 57	13 29	19 41	19 33	26 21			n.a.
T 21	20 40	9 9	4 53	15 45	3 25	3 11	4 33	7 43	3 11	24 57	0 55	7 54	2 47	23 6	0 27	20 3	0 13	19 58	13 29	19 41	19 34	26 20			n.a.
W22	20 27	14 35	5 13	16 1	3 18	2 50	4 40	7 40	3 11	24 58	0 55	7 55	2 47	23 6	0 27	20 3	0 13	19 59	13 29	19 41	19 35	26 19			n.a.
T 23	20 13	19 15	5 17	16 18	3 9	2 30	4 47	7 37	3 11	24 59	0 56	7 56	2 47	23 5	0 27	20 3	0 13	19 59	13 30	19 41	19 35	26 18			n.a.
F 24	20 0	22 59	5 7	16 37	2 59	2 11	4 54	7 34	3 11	24 59	0 56	7 57	2 47	23 5	0 27	20 3	0 13	20 0	13 30	19 41	19 36	26 17			n.a.
S 25	19 46	25 39	4 43	16 57	2 48	1 52	5 1	7 31	3 11	25 0	0 56	7 58	2 47	23 5	0 27	20 3	0 13	20 1	13 30	19 41	19 37	26 16			n.a.
S 26	19 32	27 9	4 7	17 19	2 36	1 34	5 7	7 28	3 11	25 0	0 56	7 59	2 48	23 5	0 27	20 3	0 13	20 1	13 30	19 41	19 38	26 14			n.a.
M27	19 17	27 22	3 21	17 41	2 22	1 17	5 14	7 26	3 10	25 1	0 56	8 1	2 48	23 5	0 27	20 3	0 13	20 2	13 30	19 41	19 39	26 13			n.a.
T 28	19s 2	26n21	2n26	18s 4	2n 8	1s 0	5n20	7n24	3n10	25s 1	0s56	8n 2	2n48	23n 5	0n27	20n 3	0s13	20n 3	13n31	19s41	19s39	26n12			n.a.

Julian Day Number = 197996.5, Delta T = 32h15m34s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'28, Lahiri = -61°15'28 Julian Calendar 1 Feb. 4171 BCE == Greg. Calendar 30 Dec. 4172 BCE

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

MARCH 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 25 14	7♒59'32	18♋56	1°R55	15♓50	18♍59	27♐10	16°R28	10°R18	27°R54	10°R57	4♒28	4♒32	7♋54	n.a.	W 1
T 2	8 29 11	8°57'16	0♌49	1♒20	16°14	19° 2	27°23	16♍25	10♊17	27♉53	10♍56	4°R28	4°29	8° 1	n.a.	T 2
F 3	8 33 7	9°54'58	12°49	0°47	16°37	19° 5	27°35	16°22	10°16	27°53	10°54	4°28	4°26	8° 8	n.a.	F 3
S 4	8 37 4	10°52'38	24°56	0°17	16°57	19° 6	27°47	16°19	10°15	27°53	10°53	4°28	4°22	8°14	n.a.	S 4
S 5	8 41 0	11°50'17	7♍13	29♉50	17°16	19° 7	27°59	16°16	10°14	27°53	10°51	4°27	4°19	8°21	n.a.	S 5
M 6	8 44 57	12°47'55	19°42	29°28	17°33	19°R 7	28°12	16°13	10°13	27°52	10°50	4°26	4°16	8°28	n.a.	M 6
T 7	8 48 53	13°45'30	2♎25	29°10	17°48	19° 7	28°24	16° 9	10°12	27°52	10°49	4°25	4°13	8°34	n.a.	T 7
W 8	8 52 50	14°43'05	15°22	28°56	18° 0	19° 6	28°36	16° 6	10°12	27°52	10°47	4°24	4°10	8°41	n.a.	W 8
T 9	8 56 46	15°40'38	28°36	28°46	18°11	19° 4	28°47	16° 3	10°11	27°52	10°46	4°23	4° 6	8°48	n.a.	T 9
F 10	9 0 43	16°38'10	12♏ 8	28°41	18°20	19° 1	28°59	15°59	10°10	27°52	10°44	4°D23	4° 3	8°54	n.a.	F 10
S 11	9 4 39	17°35'41	25°58	28°D41	18°26	18°57	29°11	15°56	10°10	27°D52	10°43	4°23	4° 0	9° 1	n.a.	S 11
S 12	9 8 36	18°33'11	10♐ 7	28°46	18°30	18°53	29°23	15°52	10° 9	27°52	10°41	4°23	3°57	9° 7	n.a.	S 12
M13	9 12 33	19°30'40	24°33	28°55	18°R32	18°48	29°34	15°48	10° 9	27°52	10°40	4°24	3°54	9°14	n.a.	M13
T 14	9 16 29	20°28'08	9♑12	29° 9	18°32	18°42	29°46	15°45	10° 9	27°52	10°38	4°25	3°51	9°21	n.a.	T 14
W15	9 20 26	21°25'34	24° 1	29°27	18°29	18°35	29°57	15°41	10° 8	27°52	10°37	4°26	3°47	9°27	n.a.	W15
T 16	9 24 22	22°22'59	8♒52	29°50	18°23	18°28	0♑ 8	15°37	10° 8	27°52	10°35	4°R26	3°44	9°34	n.a.	T 16
F 17	9 28 19	23°20'23	23°39	0♒17	18°16	18°20	0°20	15°33	10° 8	27°52	10°34	4°26	3°41	9°41	n.a.	F 17
S 18	9 32 15	24°17'46	8♓13	0°48	18° 6	18°11	0°31	15°29	10° 8	27°53	10°32	4°24	3°38	9°47	n.a.	S 18
S 19	9 36 12	25°15'07	22°28	1°23	17°53	18° 2	0°42	15°26	10° 8	27°53	10°31	4°21	3°35	9°54	n.a.	S 19
M20	9 40 8	26°12'27	6♈21	2° 2	17°39	17°51	0°53	15°22	10° 7	27°53	10°29	4°18	3°32	10° 1	n.a.	M20
T 21	9 44 5	27° 9'46	19°49	2°45	17°21	17°40	1° 3	15°18	10°D 7	27°53	10°28	4°15	3°28	10° 7	n.a.	T 21
W22	9 48 1	28° 7'03	2♉52	3°32	17° 2	17°29	1°14	15°13	10° 8	27°54	10°26	4°13	3°25	10°14	n.a.	W22
T 23	9 51 58	29° 4'19	15°33	4°22	16°40	17°17	1°25	15° 9	10° 8	27°54	10°24	4°11	3°22	10°21	n.a.	T 23
F 24	9 55 55	0♓ 1'34	27°53	5°15	16°16	17° 4	1°35	15° 5	10° 8	27°54	10°23	4°D10	3°19	10°27	n.a.	F 24
S 25	9 59 51	0°58'47	9♊59	6°12	15°50	16°50	1°46	15° 1	10° 8	27°55	10°21	4°11	3°16	10°34	n.a.	S 25
S 26	10 3 48	1°55'59	21°54	7°13	15°22	16°37	1°56	14°57	10° 8	27°55	10°20	4°12	3°12	10°41	n.a.	S 26
M27	10 7 44	2°53'10	3♋44	8°16	14°52	16°22	2° 6	14°53	10° 9	27°56	10°18	4°13	3° 9	10°47	n.a.	M27
T 28	10 11 41	3°50'20	15°32	9°23	14°20	16° 7	2°16	14°49	10° 9	27°56	10°16	4°15	3° 6	10°54	n.a.	T 28
W29	10 15 37	4°47'28	27°24	10°33	13°47	15°51	2°26	14°44	10° 9	27°57	10°15	4°16	3° 3	11° 1	n.a.	W29
T 30	10 19 34	5°44'36	9♌23	11°45	13°12	15°36	2°36	14°40	10°10	27°57	10°13	4°R16	3° 0	11° 7	n.a.	T 30
F 31	10 23 30	6♓41'42	21♌32	13♒ 1	12♓37	15♍19	2♑46	14♍36	10♊10	27♉58	10♍11	4♒15	2♒57	11♋14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	18s47	24n 8	1n25	18s27	1n53	0s44	5n27	7n22	3n10	25s 2	0s57	8n 3	2n48	23n 4	0n27	20n 3	0s13	20n 3	13n31	19s41	19s40	26n11			n.a.
T 2	18 31	20 52	0 20	18 51	1 38	0 29	5 33	7 21	3 9	25 2	0 57	8 5	2 48	23 4	0 27	20 3	0 13	20 4	13 31	19 41	19 41	26 10			n.a.
F 3	18 16	16 42	0s46	19 13	1 22	0 14	5 39	7 19	3 9	25 3	0 57	8 6	2 48	23 4	0 27	20 3	0 13	20 5	13 31	19 41	19 42	26 8			n.a.
S 4	18 0	11 50	1 51	19 35	1 6	0 1	5 45	7 18	3 8	25 3	0 57	8 7	2 49	23 4	0 27	20 3	0 12	20 5	13 31	19 41	19 43	26 7			n.a.
S 5	17 43	6 27	2 52	19 57	0 50	0n12	5 51	7 17	3 8	25 4	0 58	8 9	2 49	23 4	0 27	20 3	0 12	20 6	13 31	19 41	19 43	26 6			n.a.
M 6	17 27	0 45	3 45	20 17	0 34	0 24	5 57	7 16	3 7	25 4	0 58	8 10	2 49	23 4	0 27	20 3	0 12	20 7	13 32	19 42	19 44	26 5			n.a.
T 7	17 10	5s 4	4 29	20 37	0 18	0 35	6 2	7 16	3 6	25 4	0 58	8 12	2 49	23 4	0 27	20 3	0 12	20 8	13 32	19 42	19 45	26 3			n.a.
W 8	16 53	10 48	4 59	20 55	0 2	0 44	6 7	7 16	3 6	25 5	0 58	8 13	2 49	23 3	0 27	20 3	0 12	20 8	13 32	19 42	19 46	26 2			n.a.
T 9	16 35	16 9	5 15	21 12	0s13	0 53	6 12	7 16	3 5	25 5	0 58	8 15	2 49	23 3	0 27	20 3	0 12	20 9	13 32	19 42	19 46	26 1			n.a.
F 10	16 17	20 52	5 14	21 27	0 27	1 1	6 17	7 16	3 4	25 5	0 59	8 16	2 49	23 3	0 27	20 3	0 12	20 10	13 32	19 42	19 47	26 0			n.a.
S 11	16 0	24 33	4 55	21 41	0 41	1 8	6 21	7 17	3 3	25 6	0 59	8 18	2 50	23 3	0 27	20 3	0 12	20 10	13 32	19 42	19 48	25 58			n.a.
S 12	15 41	26 50	4 17	21 53	0 55	1 13	6 26	7 17	3 2	25 6	0 59	8 19	2 50	23 3	0 27	20 3	0 12	20 11	13 32	19 42	19 49	25 57			n.a.
M13	15 23	27 23	3 23	22 3	1 7	1 17	6 29	7 18	3 0	25 6	0 59	8 21	2 50	23 3	0 27	20 3	0 12	20 12	13 32	19 42	19 49	25 56			n.a.
T 14	15 4	26 2	2 15	22 12	1 19	1 20	6 33	7 19	2 59	25 6	0 59	8 22	2 50	23 3	0 27	20 3	0 12	20 12	13 33	19 42	19 50	25 55			n.a.
W15	14 45	22 51	0 57	22 19	1 31	1 22	6 36	7 21	2 58	25 7	1 0	8 24	2 50	23 3	0 27	20 3	0 12	20 13	13 33	19 42	19 51	25 53			n.a.
T 16	14 26	18 9	0n24	22 24	1 41	1 22	6 38	7 23	2 56	25 7	1 0	8 25	2 50	23 3	0 27	20 3	0 12	20 14	13 33	19 42	19 52	25 52			n.a.
F 17	14 7	12 23	1 44	22 28	1 51	1 21	6 40	7 24	2 55	25 7	1 0	8 27	2 50	23 3	0 27	20 3	0 12	20 14	13 33	19 42	19 53	25 51			n.a.
S 18	13 48	6 1	2 56	22 30	2 0	1 18	6 42	7 27	2 53	25 7	1 0	8 29	2 50	23 3	0 27	20 3	0 12	20 15	13 33	19 42	19 53	25 49			n.a.
S 19	13 28	0n31	3 55	22 30	2 8	1 15	6 43	7 29	2 52	25 8	1 1	8 30	2 50	23 3	0 27	20 3	0 12	20 16	13 33	19 43	19 54	25 48			n.a.
M20	13 8	6 50	4 38	22 28	2 15	1 9	6 44	7 31	2 50	25 8	1 1	8 32	2 50	23 3	0 27	20 3	0 12	20 16	13 33	19 43	19 55	25 47			n.a.
T 21	12 48	12 38	5 5	22 24	2 22	1 2	6 44	7 34	2 48	25 8	1 1	8 34	2 51	23 3	0 27	20 3	0 12	20 17	13 33	19 44	19 56	25 45			n.a.
W22	12 28	17 43	5 15	22 18	2 28	0 54	6 43	7 37	2 46	25 8	1 1	8 35	2 51	23 3	0 27	20 3	0 12	20 18	13 33	19 45	19 56	25 44			n.a.
T 23	12 7	21 51	5 9	22 11	2 33	0 44	6 42	7 40	2 44	25 8	1 2	8 37	2 51	23 3	0 27	20 3	0 12	20 18	13 33	19 45	19 57	25 43			n.a.
F 24	11 47	24 55	4 48	22 1	2 37	0 33	6 40	7 43	2 42	25 8	1 2	8 39	2 51	23 3	0 27	20 3	0 12	20 19	13 33	19 45	19 58	25 41			n.a.
S 25	11 26	26 47	4 15	21 50	2 40	0 20	6 37	7 46	2 39	25 8	1 2	8 40	2 51	23 3	0 27	20 4	0 12	20 20	13 33	19 45	19 59	25 40			n.a.
S 26	11 5	27 23	3 32	21 37	2 43	0 6	6 34	7 50	2 37	25 8	1 2	8 42	2 51	23 3	0 27	20 4	0 12	20 20	13 33	19 45	19 59	25 39			n.a.
M27	10 44	26 44	2 40	21 22	2 45	0s 9	6 30	7 53	2 34	25 9	1 3	8 44	2 51	23 3	0 27	20 4	0 12	20 21	13 33	19 45	20 0	25 37			n.a.
T 28	10 23	24 51	1 41	21 5	2 46	0 26	6 25	7 57	2 32	25 9	1 3	8 46	2 51	23 3	0 27	20 4	0 12	20 22	13 33	19 44	20 1	25 36			n.a.
W29	10 1	21 53	0 38	20 45	2 47	0 44	6 20	8 0	2 29	25 9	1 3	8 47	2 51	23 3	0 27	20 4	0 12	20 22	13 33	19 44	20 2	25 34			n.a.
T 30	9 40	17 58	0s28	20 24	2 47	1 3	6 14	8 4	2 26	25 9	1 3	8 49	2 51	23 3	0 27	20 4	0 12	20 23	13 33	19 44	20 2	25 33			n.a.
F 31	9s18	13n16	1s33	20s 1	2s46	1s23	6n 7	8n 8	2n23	25s 9	1s 4	8n51	2n51	23n 3	0n27	20n 4	0s12	20n23	13n33	19s44	20s 3	25n32			n.a.

Julian Day Number = 198024.5, Delta T = 32h15m31s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'24, Lahiri = -61°15'24 Julian Calendar 1 March 4171 BCE == Greg. Calendar 27 Jan. 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

APRIL 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 27 27	7♓38'47	3♍52	14♒20	12°R 0	15°R 2	2♑56	14°R31	10♊11	27♉59	10°R10	4°R12	2♒53	11♋21	n.a.	S 1
S 2	10 31 24	8°35'52	16°27	15°41	11♓23	14♍45	3° 5	14♍27	10°12	27°59	10♍ 8	4♒ 8	2°50	11°27	n.a.	S 2
M 3	10 35 20	9°32'56	29°15	17° 5	10°45	14°28	3°15	14°23	10°12	28° 0	10° 7	4° 3	2°47	11°34	n.a.	M 3
T 4	10 39 17	10°29'59	12♎17	18°32	10° 7	14°10	3°24	14°18	10°13	28° 1	10° 5	3°57	2°44	11°41	n.a.	T 4
W 5	10 43 13	11°27'02	25°33	20° 2	9°29	13°52	3°33	14°14	10°14	28° 2	10° 3	3°51	2°41	11°47	n.a.	W 5
T 6	10 47 10	12°24'05	9♏ 2	21°34	8°52	13°34	3°42	14°10	10°15	28° 2	10° 2	3°46	2°38	11°54	n.a.	T 6
F 7	10 51 6	13°21'07	22°43	23° 9	8°15	13°16	3°51	14° 5	10°16	28° 3	10° 0	3°43	2°34	12° 1	n.a.	F 7
S 8	10 55 3	14°18'09	6♐36	24°47	7°38	12°58	4° 0	14° 1	10°16	28° 4	9°58	3°41	2°31	12° 7	n.a.	S 8
S 9	10 59 0	15°15'11	20°38	26°28	7° 3	12°39	4° 9	13°57	10°17	28° 5	9°57	3°D41	2°28	12°14	n.a.	S 9
M10	11 2 56	16°12'12	4♑51	28°11	6°29	12°21	4°18	13°52	10°19	28° 6	9°55	3°42	2°25	12°21	n.a.	M10
T 11	11 6 53	17° 9'14	19°11	29°57	5°56	12° 2	4°26	13°48	10°20	28° 7	9°53	3°43	2°22	12°27	n.a.	T 11
W12	11 10 49	18° 6'15	3♒36	1♓45	5°25	11°44	4°34	13°44	10°21	28° 8	9°52	3°R44	2°18	12°34	n.a.	W12
T 13	11 14 46	19° 3'16	18° 3	3°36	4°55	11°26	4°43	13°39	10°22	28° 9	9°50	3°43	2°15	12°41	n.a.	T 13
F 14	11 18 42	20° 0'16	2♓27	5°29	4°28	11° 8	4°51	13°35	10°23	28°10	9°49	3°40	2°12	12°47	n.a.	F 14
S 15	11 22 39	20°57'17	16°43	7°25	4° 2	10°50	4°59	13°31	10°25	28°11	9°47	3°35	2° 9	12°54	n.a.	S 15
S 16	11 26 36	21°54'17	0♈46	9°23	3°39	10°32	5° 6	13°26	10°26	28°12	9°45	3°28	2° 6	13° 0	n.a.	S 16
M17	11 30 32	22°51'17	14°30	11°23	3°17	10°15	5°14	13°22	10°27	28°13	9°44	3°21	2° 3	13° 7	n.a.	M17
T 18	11 34 29	23°48'16	27°54	13°25	2°58	9°58	5°21	13°18	10°29	28°14	9°42	3°12	1°59	13°14	n.a.	T 18
W19	11 38 25	24°45'15	10♉56	15°29	2°41	9°42	5°29	13°13	10°30	28°16	9°41	3° 5	1°56	13°20	n.a.	W19
T 20	11 42 22	25°42'14	23°36	17°35	2°27	9°26	5°36	13° 9	10°32	28°17	9°39	2°59	1°53	13°27	n.a.	T 20
F 21	11 46 18	26°39'13	5♊57	19°42	2°15	9°10	5°43	13° 5	10°33	28°18	9°37	2°54	1°50	13°34	n.a.	F 21
S 22	11 50 15	27°36'11	18° 3	21°50	2° 5	8°55	5°50	13° 1	10°35	28°19	9°36	2°52	1°47	13°40	n.a.	S 22
S 23	11 54 12	28°33'09	29°58	23°59	1°58	8°41	5°57	12°57	10°37	28°21	9°34	2°D52	1°43	13°47	n.a.	S 23
M24	11 58 8	29°30'07	11♋48	26° 9	1°53	8°27	6° 3	12°53	10°38	28°22	9°33	2°52	1°40	13°54	n.a.	M24
T 25	12 2 5	0♈27'05	23°38	28°20	1°50	8°14	6°10	12°49	10°40	28°23	9°31	2°53	1°37	14° 0	n.a.	T 25
W26	12 6 1	1°24'02	5♌32	0♈30	1°D50	8° 1	6°16	12°44	10°42	28°25	9°30	2°R53	1°34	14° 7	n.a.	W26
T 27	12 9 58	2°20'59	17°36	2°40	1°52	7°50	6°22	12°40	10°44	28°26	9°28	2°52	1°31	14°14	n.a.	T 27
F 28	12 13 54	3°17'56	29°53	4°50	1°57	7°38	6°28	12°37	10°46	28°27	9°27	2°49	1°28	14°20	n.a.	F 28
S 29	12 17 51	4°14'54	12♍26	6°59	2° 3	7°28	6°34	12°33	10°48	28°29	9°25	2°44	1°24	14°27	n.a.	S 29
S 30	12 21 48	5♈11'51	25♍17	9♈ 8	2♓12	7♍18	6♑40	12♍29	10♊50	28♉30	9♍24	2♒36	1♒21	14♋34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8 s56	7n58	2 s35	19 s36	2 s44	1 s45	5n59	8n12	2n20	25 s 9	1 s 4	8n53	2n51	23n 3	0n27	20n 5	0 s12	20n24	13n33	19 s45	20 s 4	25n30		n.a.
S 2	8 34	2 17	3 30	19 9	2 42	2 7	5 51	8 16	2 17	25 9	1 4	8 54	2 51	23 3	0 27	20 5	0 12	20 25	13 33	19 46	20 5	25 29		n.a.
M 3	8 12	3 s35	4 16	18 40	2 39	2 30	5 42	8 20	2 14	25 9	1 4	8 56	2 51	23 3	0 27	20 5	0 12	20 25	13 33	19 47	20 5	25 27		n.a.
T 4	7 50	9 24	4 49	18 9	2 35	2 53	5 32	8 24	2 11	25 9	1 5	8 58	2 51	23 3	0 27	20 5	0 12	20 26	13 33	19 49	20 6	25 26		n.a.
W 5	7 28	14 54	5 7	17 36	2 31	3 17	5 21	8 28	2 8	25 9	1 5	8 59	2 51	23 3	0 27	20 5	0 12	20 26	13 32	19 50	20 7	25 24		n.a.
T 6	7 6	19 46	5 9	17 1	2 26	3 42	5 11	8 32	2 4	25 9	1 5	9 1	2 51	23 3	0 27	20 5	0 12	20 27	13 32	19 51	20 8	25 23		n.a.
F 7	6 43	23 41	4 54	16 24	2 21	4 6	4 59	8 36	2 1	25 9	1 6	9 3	2 51	23 4	0 27	20 6	0 12	20 28	13 32	19 52	20 8	25 22		n.a.
S 8	6 21	26 18	4 21	15 44	2 15	4 31	4 47	8 40	1 57	25 9	1 6	9 5	2 51	23 4	0 27	20 6	0 12	20 28	13 32	19 53	20 9	25 20		n.a.
S 9	5 58	27 18	3 32	15 3	2 8	4 56	4 35	8 44	1 54	25 9	1 6	9 6	2 51	23 4	0 27	20 6	0 12	20 29	13 32	19 53	20 10	25 19		n.a.
M10	5 35	26 31	2 30	14 20	2 1	5 20	4 22	8 48	1 50	25 9	1 6	9 8	2 51	23 4	0 27	20 6	0 12	20 29	13 32	19 52	20 11	25 17		n.a.
T 11	5 13	23 59	1 18	13 34	1 53	5 45	4 9	8 52	1 46	25 9	1 7	9 10	2 51	23 4	0 27	20 7	0 12	20 30	13 32	19 52	20 11	25 16		n.a.
W12	4 50	19 54	0 1	12 47	1 45	6 9	3 56	8 56	1 42	25 9	1 7	9 11	2 51	23 4	0 27	20 7	0 12	20 30	13 32	19 52	20 12	25 14		n.a.
T 13	4 27	14 38	1n17	11 58	1 37	6 32	3 42	8 59	1 39	25 9	1 7	9 13	2 51	23 4	0 27	20 7	0 12	20 31	13 32	19 52	20 13	25 13		n.a.
F 14	4 4	8 35	2 29	11 7	1 28	6 55	3 29	9 3	1 35	25 9	1 8	9 15	2 51	23 5	0 27	20 7	0 12	20 31	13 31	19 53	20 14	25 11		n.a.
S 15	3 41	2 10	3 31	10 14	1 18	7 17	3 15	9 6	1 31	25 9	1 8	9 16	2 51	23 5	0 27	20 8	0 12	20 32	13 31	19 54	20 14	25 10		n.a.
S 16	3 18	4n15	4 19	9 19	1 8	7 38	3 2	9 9	1 27	25 9	1 8	9 18	2 51	23 5	0 27	20 8	0 12	20 32	13 31	19 56	20 15	25 8		n.a.
M17	2 55	10 19	4 51	8 23	0 58	7 59	2 48	9 12	1 23	25 9	1 9	9 20	2 51	23 5	0 27	20 8	0 12	20 33	13 31	19 57	20 16	25 7		n.a.
T 18	2 32	15 45	5 6	7 26	0 48	8 19	2 34	9 15	1 19	25 9	1 9	9 21	2 51	23 5	0 27	20 8	0 12	20 33	13 31	19 59	20 17	25 5		n.a.
W19	2 8	20 19	5 4	6 27	0 37	8 37	2 21	9 18	1 15	25 9	1 9	9 23	2 50	23 6	0 27	20 9	0 12	20 34	13 30	20 1	20 17	25 4		n.a.
T 20	1 45	23 50	4 48	5 27	0 27	8 55	2 7	9 20	1 10	25 9	1 9	9 25	2 50	23 6	0 27	20 9	0 12	20 34	13 30	20 3	20 18	25 2		n.a.
F 21	1 22	26 8	4 18	4 26	0 16	9 12	1 54	9 22	1 6	25 9	1 10	9 26	2 50	23 6	0 27	20 9	0 11	20 34	13 30	20 4	20 19	25 1		n.a.
S 22	0 59	27 10	3 37	3 25	0 5	9 28	1 41	9 24	1 2	25 9	1 10	9 28	2 50	23 6	0 27	20 10	0 11	20 35	13 30	20 4	20 19	24 59		n.a.
S 23	0 35	26 54	2 47	2 22	0n 5	9 42	1 28	9 26	0 58	25 9	1 10	9 29	2 50	23 7	0 27	20 10	0 11	20 35	13 30	20 4	20 20	24 58		n.a.
M24	0 12	25 25	1 51	1 20	0 16	9 56	1 16	9 28	0 54	25 9	1 11	9 31	2 50	23 7	0 27	20 10	0 11	20 36	13 29	20 4	20 21	24 56		n.a.
T 25	0n11	22 48	0 50	0 17	0 26	10 8	1 3	9 29	0 50	25 9	1 11	9 32	2 50	23 7	0 27	20 11	0 11	20 36	13 29	20 4	20 22	24 54		n.a.
W26	0 34	19 12	0 s14	0n45	0 36	10 19	0 51	9 30	0 46	25 9	1 11	9 34	2 50	23 7	0 27	20 11	0 11	20 36	13 29	20 4	20 22	24 53		n.a.
T 27	0 58	14 46	1 18	1 47	0 45	10 30	0 39	9 31	0 42	25 9	1 12	9 35	2 50	23 8	0 27	20 11	0 11	20 37	13 29	20 4	20 23	24 51		n.a.
F 28	1 21	9 40	2 19	2 48	0 54	10 39	0 28	9 31	0 38	25 9	1 12	9 37	2 50	23 8	0 27	20 12	0 11	20 37	13 28	20 5	20 24	24 50		n.a.
S 29	1 44	4 6	3 15	3 49	1 3	10 47	0 17	9 31	0 33	25 9	1 12	9 38	2 49	23 8	0 27	20 12	0 11	20 37	13 28	20 6	20 25	24 48		n.a.
S 30	2n 7	1 s45	4 s 2	4n48	1n11	10 s54	0n 6	9n31	0n29	25 s 9	1 s13	9n39	2n49	23n 8	0n27	20n12	0 s11	20n38	13n28	20 s 8	20 s25	24n47		n.a.

Julian Day Number = 198055.5, Delta T = 32h15m28s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'20, Lahiri = -61°15'20 Julian Calendar 1 Apr. 4171 BCE == Greg. Calendar 27 Feb. 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

MAY 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 25 44	6♈ 8'48	8♎26	11♈15	2♓23	7°R 9	6♑46	12°R25	10♊52	28♉32	9°R23	2°R26	1♒18	14♋40	n.a.	M 1
T 2	12 29 41	7° 5'46	21°53	13°21	2°35	7♍ 1	6°51	12♍21	10°54	28°33	9♍21	2♒16	1°15	14°47	n.a.	T 2
W 3	12 33 37	8° 2'44	5♏33	15°26	2°50	6°53	6°56	12°17	10°56	28°35	9°20	2° 6	1°12	14°54	n.a.	W 3
T 4	12 37 34	8°59'43	19°25	17°29	3° 7	6°46	7° 1	12°14	10°58	28°36	9°18	1°57	1° 9	15° 0	n.a.	T 4
F 5	12 41 30	9°56'42	3♐24	19°31	3°26	6°41	7° 6	12°10	11° 1	28°38	9°17	1°50	1° 5	15° 7	n.a.	F 5
S 6	12 45 27	10°53'42	17°29	21°31	3°46	6°35	7°11	12° 7	11° 3	28°40	9°16	1°46	1° 2	15°14	n.a.	S 6
S 7	12 49 24	11°50'43	1♑36	23°29	4° 9	6°31	7°15	12° 3	11° 5	28°41	9°14	1°44	0°59	15°20	n.a.	S 7
M 8	12 53 20	12°47'45	15°45	25°25	4°33	6°28	7°20	12° 0	11° 8	28°43	9°13	1°D43	0°56	15°27	n.a.	M 8
T 9	12 57 17	13°44'47	29°53	27°20	4°58	6°25	7°24	11°56	11°10	28°45	9°12	1°R44	0°53	15°34	n.a.	T 9
W10	13 1 13	14°41'50	13♒59	29°13	5°25	6°23	7°28	11°53	11°12	28°46	9°11	1°43	0°49	15°40	n.a.	W10
T 11	13 5 10	15°38'55	28° 3	1♉ 4	5°54	6°22	7°32	11°50	11°15	28°48	9° 9	1°41	0°46	15°47	n.a.	T 11
F 12	13 9 6	16°36'00	12♓ 2	2°53	6°24	6°D22	7°35	11°46	11°17	28°50	9° 8	1°36	0°43	15°53	n.a.	F 12
S 13	13 13 3	17°33'05	25°54	4°40	6°56	6°22	7°39	11°43	11°20	28°52	9° 7	1°29	0°40	16° 0	n.a.	S 13
S 14	13 17 0	18°30'12	9♈34	6°25	7°29	6°24	7°42	11°40	11°22	28°53	9° 6	1°19	0°37	16° 7	n.a.	S 14
M15	13 20 56	19°27'19	23° 1	8° 9	8° 3	6°26	7°45	11°37	11°25	28°55	9° 5	1° 7	0°34	16°13	n.a.	M15
T 16	13 24 53	20°24'27	6♉11	9°51	8°39	6°29	7°48	11°34	11°28	28°57	9° 3	0°55	0°30	16°20	n.a.	T 16
W17	13 28 49	21°21'36	19° 4	11°30	9°16	6°33	7°51	11°31	11°31	28°59	9° 2	0°43	0°27	16°27	n.a.	W17
T 18	13 32 46	22°18'46	1♊38	13° 8	9°53	6°38	7°53	11°29	11°33	29° 1	9° 1	0°33	0°24	16°33	n.a.	T 18
F 19	13 36 43	23°15'57	13°56	14°44	10°32	6°44	7°56	11°26	11°36	29° 2	9° 0	0°26	0°21	16°40	n.a.	F 19
S 20	13 40 39	24°13'08	25°59	16°19	11°13	6°50	7°58	11°23	11°39	29° 4	8°59	0°21	0°18	16°47	n.a.	S 20
S 21	13 44 36	25°10'20	7♋53	17°51	11°54	6°57	8° 0	11°21	11°42	29° 6	8°58	0°18	0°14	16°53	n.a.	S 21
M22	13 48 32	26° 7'33	19°42	19°22	12°36	7° 5	8° 2	11°18	11°45	29° 8	8°57	0°17	0°11	17° 0	n.a.	M22
T 23	13 52 29	27° 4'46	1♌32	20°50	13°19	7°14	8° 3	11°16	11°47	29°10	8°56	0°17	0° 8	17° 7	n.a.	T 23
W24	13 56 25	28° 2'00	13°27	22°17	14° 3	7°23	8° 5	11°14	11°50	29°12	8°55	0°17	0° 5	17°13	n.a.	W24
T 25	14 0 22	28°59'15	25°32	23°42	14°48	7°34	8° 6	11°11	11°53	29°14	8°54	0°15	0° 2	17°20	n.a.	T 25
F 26	14 4 19	29°56'31	7♍54	25° 4	15°34	7°45	8° 7	11° 9	11°56	29°16	8°54	0°12	29♑59	17°27	n.a.	F 26
S 27	14 8 15	0♉53'47	20°36	26°25	16°20	7°56	8° 8	11° 7	11°59	29°18	8°53	0° 5	29°55	17°33	n.a.	S 27
S 28	14 12 12	1°51'05	3♎39	27°44	17° 8	8° 9	8° 9	11° 5	12° 3	29°20	8°52	29♑57	29°52	17°40	n.a.	S 28
M29	14 16 8	2°48'24	17° 6	29° 0	17°56	8°22	8° 9	11° 3	12° 6	29°22	8°51	29°46	29°49	17°47	n.a.	M29
T 30	14 20 5	3°45'44	0♏53	0♊14	18°45	8°36	8° 9	11° 1	12° 9	29°24	8°50	29°34	29°46	17°53	n.a.	T 30
W31	14 24 1	4♉43'05	14♏58	1♊27	19♓35	8♍50	8°R 9	11♍ 0	12♊12	29♉26	8♍50	29♑22	29♑43	18♋ 0	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	2n30	7s40	4s37	5n46	1n19	10s59	0s 4	9n31	0n25	25s 9	1s13	9n41	2n49	23n 9	0n27	20n13	0s11	20n38	13n27	20s10	20s26	24n45			n.a.
T 2	2 54	13 20	4 58	6 43	1 26	11 4	0 15	9 31	0 21	25 9	1 13	9 42	2 49	23 9	0 27	20 13	0 11	20 38	13 27	20 13	20 27	24 43			n.a.
W 3	3 17	18 28	5 2	7 39	1 32	11 8	0 24	9 30	0 17	25 9	1 14	9 44	2 49	23 9	0 26	20 13	0 11	20 39	13 27	20 15	20 27	24 42			n.a.
T 4	3 40	22 42	4 49	8 33	1 38	11 10	0 34	9 29	0 14	25 9	1 14	9 45	2 49	23 10	0 26	20 14	0 11	20 39	13 27	20 17	20 28	24 40			n.a.
F 5	4 3	25 39	4 19	9 26	1 43	11 12	0 43	9 28	0 10	25 9	1 14	9 46	2 48	23 10	0 26	20 14	0 11	20 39	13 26	20 19	20 29	24 39			n.a.
S 6	4 26	27 2	3 32	10 16	1 48	11 12	0 52	9 26	0 6	25 10	1 15	9 47	2 48	23 10	0 26	20 15	0 11	20 39	13 26	20 20	20 30	24 37			n.a.
S 7	4 49	26 39	2 33	11 6	1 52	11 12	1 0	9 24	0 2	25 10	1 15	9 49	2 48	23 10	0 26	20 15	0 11	20 40	13 26	20 20	20 30	24 35			n.a.
M 8	5 11	24 33	1 24	11 53	1 55	11 10	1 8	9 22	0s 2	25 10	1 15	9 50	2 48	23 11	0 26	20 15	0 11	20 40	13 25	20 20	20 31	24 34			n.a.
T 9	5 34	20 55	0 10	12 38	1 58	11 8	1 16	9 20	0 5	25 10	1 16	9 51	2 48	23 11	0 26	20 16	0 11	20 40	13 25	20 20	20 32	24 32			n.a.
W10	5 57	16 4	1n 5	13 22	2 0	11 5	1 24	9 17	0 9	25 10	1 16	9 52	2 48	23 11	0 26	20 16	0 11	20 40	13 25	20 20	20 32	24 30			n.a.
T 11	6 20	10 23	2 15	14 3	2 1	11 1	1 31	9 14	0 13	25 10	1 17	9 53	2 47	23 12	0 26	20 17	0 11	20 40	13 24	20 21	20 33	24 29			n.a.
F 12	6 42	4 14	3 16	14 43	2 2	10 55	1 38	9 11	0 16	25 10	1 17	9 54	2 47	23 12	0 26	20 17	0 11	20 40	13 24	20 22	20 34	24 27			n.a.
S 13	7 5	2n 4	4 6	15 21	2 2	10 50	1 45	9 7	0 20	25 10	1 17	9 55	2 47	23 13	0 26	20 17	0 11	20 41	13 24	20 24	20 35	24 25			n.a.
S 14	7 27	8 10	4 40	15 57	2 2	10 43	1 51	9 4	0 23	25 11	1 18	9 56	2 47	23 13	0 26	20 18	0 11	20 41	13 23	20 26	20 35	24 24			n.a.
M15	7 49	13 47	4 58	16 31	2 1	10 35	1 57	9 0	0 26	25 11	1 18	9 57	2 47	23 13	0 26	20 18	0 11	20 41	13 23	20 28	20 36	24 22			n.a.
T 16	8 11	18 39	5 0	17 4	2 0	10 27	2 3	8 55	0 30	25 11	1 18	9 58	2 46	23 14	0 26	20 19	0 11	20 41	13 22	20 31	20 37	24 20			n.a.
W17	8 33	22 33	4 46	17 34	1 58	10 18	2 8	8 51	0 33	25 11	1 19	9 59	2 46	23 14	0 26	20 19	0 11	20 41	13 22	20 34	20 37	24 19			n.a.
T 18	8 55	25 17	4 18	18 3	1 55	10 8	2 14	8 46	0 36	25 11	1 19	10 0	2 46	23 14	0 26	20 19	0 11	20 41	13 22	20 36	20 38	24 17			n.a.
F 19	9 17	26 45	3 39	18 30	1 52	9 57	2 19	8 41	0 39	25 12	1 19	10 1	2 46	23 15	0 26	20 20	0 11	20 41	13 21	20 38	20 39	24 15			n.a.
S 20	9 39	26 54	2 51	18 55	1 49	9 46	2 24	8 36	0 42	25 12	1 20	10 2	2 46	23 15	0 26	20 20	0 11	20 41	13 21	20 39	20 39	24 13			n.a.
S 21	10 0	25 48	1 56	19 18	1 45	9 34	2 28	8 30	0 45	25 12	1 20	10 3	2 45	23 16	0 26	20 21	0 11	20 41	13 20	20 39	20 40	24 12			n.a.
M22	10 22	23 33	0 56	19 40	1 40	9 21	2 32	8 25	0 48	25 12	1 20	10 4	2 45	23 16	0 26	20 21	0 11	20 41	13 20	20 40	20 41	24 10			n.a.
T 23	10 43	20 17	0s 7	20 0	1 35	9 8	2 36	8 19	0 51	25 12	1 21	10 4	2 45	23 16	0 26	20 22	0 11	20 41	13 20	20 40	20 42	24 8			n.a.
W24	11 4	16 9	1 9	20 18	1 29	8 54	2 40	8 12	0 54	25 13	1 21	10 5	2 45	23 17	0 26	20 22	0 11	20 41	13 19	20 40	20 42	24 7			n.a.
T 25	11 25	11 20	2 9	20 34	1 24	8 39	2 44	8 6	0 57	25 13	1 22	10 6	2 44	23 17	0 26	20 23	0 11	20 41	13 19	20 40	20 43	24 5			n.a.
F 26	11 46	5 59	3 5	20 49	1 17	8 24	2 47	7 59	1 0	25 13	1 22	10 6	2 44	23 18	0 26	20 23	0 11	20 41	13 18	20 41	20 44	24 3			n.a.
S 27	12 7	0 17	3 53	21 2	1 10	8 8	2 50	7 52	1 2	25 14	1 22	10 7	2 44	23 18	0 26	20 24	0 11	20 41	13 18	20 42	20 44	24 1			n.a.
S 28	12 27	5s36	4 30	21 14	1 3	7 52	2 53	7 45	1 5	25 14	1 23	10 7	2 44	23 18	0 26	20 24	0 11	20 41	13 17	20 44	20 45	24 0			n.a.
M29	12 47	11 23	4 53	21 24	0 55	7 35	2 56	7 38	1 7	25 14	1 23	10 8	2 43	23 19	0 26	20 24	0 11	20 41	13 17	20 46	20 46	23 58			n.a.
T 30	13 7	16 46	5 0	21 33	0 47	7 17	2 58	7 30	1 10	25 15	1 23	10 8	2 43	23 19	0 26	20 25	0 11	20 41	13 16	20 49	20 46	23 56			n.a.
W31	13n27	21s23	4s50	21n40	0n39	6s59	3s 0	7n22	1s12	25s15	1s24	10n 9	2n43	23n20	0n26	20n25	0s11	20n41	13n16	20s51	20s47	23n54			n.a.

Julian Day Number = 198085.5, Delta T = 32h15m25s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'16, Lahiri = -61°15'16 Julian Calendar 1 May 4171 BCE == Greg. Calendar 29 March 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

JUNE 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 27 58	5♉40'27	29♏16	2♊36	20♓25	9♍ 5	8°R 9	10°R58	12♊15	29♉28	8°R49	29°R12	29♂40	18♋ 6	n.a.	T 1
F 2	14 31 55	6°37'51	13♐40	3°44	21°16	9°21	8♂ 9	10♍56	12°18	29°30	8♍48	29♂ 4	29°36	18°13	n.a.	F 2
S 3	14 35 51	7°35'17	28° 6	4°49	22° 8	9°38	8° 8	10°55	12°22	29°32	8°48	28°59	29°33	18°20	n.a.	S 3
S 4	14 39 48	8°32'44	12♂27	5°51	23° 0	9°55	8° 8	10°54	12°25	29°35	8°47	28°57	29°30	18°26	n.a.	S 4
M 5	14 43 44	9°30'13	26°43	6°51	23°53	10°12	8° 7	10°52	12°28	29°37	8°46	28°D56	29°27	18°33	n.a.	M 5
T 6	14 47 41	10°27'44	10♒50	7°48	24°47	10°31	8° 6	10°51	12°32	29°39	8°46	28°R56	29°24	18°40	n.a.	T 6
W 7	14 51 37	11°25'17	24°47	8°41	25°41	10°50	8° 4	10°50	12°35	29°41	8°45	28°56	29°20	18°46	n.a.	W 7
T 8	14 55 34	12°22'51	8♓35	9°32	26°36	11° 9	8° 3	10°49	12°38	29°43	8°45	28°53	29°17	18°53	n.a.	T 8
F 9	14 59 31	13°20'27	22°14	10°20	27°31	11°29	8° 1	10°48	12°42	29°45	8°44	28°49	29°14	19° 0	n.a.	F 9
S 10	15 3 27	14°18'05	5♈42	11° 4	28°27	11°50	7°59	10°47	12°45	29°47	8°44	28°41	29°11	19° 6	n.a.	S 10
S 11	15 7 24	15°15'44	18°59	11°44	29°23	12°11	7°57	10°46	12°48	29°50	8°44	28°31	29° 8	19°13	n.a.	S 11
M12	15 11 20	16°13'25	2♉ 4	12°21	0♈20	12°32	7°55	10°46	12°52	29°52	8°43	28°20	29° 5	19°20	n.a.	M12
T 13	15 15 17	17°11'08	14°55	12°53	1°17	12°55	7°52	10°45	12°55	29°54	8°43	28° 8	29° 1	19°26	n.a.	T 13
W14	15 19 13	18° 8'53	27°32	13°22	2°15	13°17	7°50	10°45	12°59	29°56	8°43	27°56	28°58	19°33	n.a.	W14
T 15	15 23 10	19° 6'40	9♊55	13°45	3°13	13°41	7°47	10°44	13° 2	29°58	8°42	27°46	28°55	19°40	n.a.	T 15
F 16	15 27 7	20° 4'28	22° 5	14° 5	4°11	14° 4	7°44	10°44	13° 6	0♊ 0	8°42	27°39	28°52	19°46	n.a.	F 16
S 17	15 31 3	21° 2'18	4♋ 5	14°19	5°10	14°29	7°41	10°44	13°10	0° 3	8°42	27°33	28°49	19°53	n.a.	S 17
S 18	15 35 0	22° 0'09	15°56	14°28	6° 9	14°53	7°37	10°D44	13°13	0° 5	8°42	27°31	28°46	19°59	n.a.	S 18
M19	15 38 56	22°58'02	27°43	14°R31	7° 9	15°18	7°34	10°44	13°17	0° 7	8°42	27°D30	28°42	20° 6	n.a.	M19
T 20	15 42 53	23°55'56	9♌31	14°29	8° 9	15°44	7°30	10°44	13°20	0° 9	8°42	27°31	28°39	20°13	n.a.	T 20
W21	15 46 49	24°53'52	21°24	14°22	9°10	16°10	7°26	10°44	13°24	0°12	8°42	27°R31	28°36	20°19	n.a.	W21
T 22	15 50 46	25°51'49	3♍30	14° 8	10°11	16°37	7°22	10°45	13°28	0°14	8°D41	27°31	28°33	20°26	n.a.	T 22
F 23	15 54 42	26°49'48	15°51	13°48	11°12	17° 4	7°17	10°45	13°31	0°16	8°42	27°29	28°30	20°33	n.a.	F 23
S 24	15 58 39	27°47'49	28°34	13°23	12°13	17°31	7°13	10°45	13°35	0°18	8°42	27°25	28°26	20°39	n.a.	S 24
S 25	16 2 36	28°45'52	11♎42	12°51	13°15	17°59	7° 8	10°46	13°39	0°20	8°42	27°19	28°23	20°46	n.a.	S 25
M26	16 6 32	29°43'56	25°16	12°14	14°17	18°27	7° 4	10°47	13°42	0°23	8°42	27°11	28°20	20°53	n.a.	M26
T 27	16 10 29	0♊42'02	9♏15	11°32	15°20	18°56	6°59	10°48	13°46	0°25	8°42	27° 2	28°17	20°59	n.a.	T 27
W28	16 14 25	1°40'09	23°38	10°45	16°22	19°24	6°53	10°48	13°50	0°27	8°42	26°53	28°14	21° 6	n.a.	W28
T 29	16 18 22	2°38'19	8♐17	9°54	17°25	19°54	6°48	10°49	13°53	0°29	8°42	26°45	28°11	21°13	n.a.	T 29
F 30	16 22 18	3♊36'31	23♐ 5	9♊ 0	18♈29	20♍23	6♂43	10♍50	13♊57	0♊32	8♍42	26♂39	28♂ 7	21♋19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n47	24s48	4s21	21n45	0n30	6s41	3s 2	7n14	1s15	25s15	1s24	10n 9	2n43	23n20	0n26	20n26	0s11	20n40	13n16	20s54	20s48	23n52		n.a.
F 2	14 6	26 38	3 35	21 50	0 21	6 22	3 4	7 6	1 17	25 16	1 25	10 10	2 42	23 21	0 26	20 26	0 11	20 40	13 15	20 55	20 48	23 51		n.a.
S 3	14 26	26 42	2 35	21 53	0 11	6 2	3 6	6 57	1 19	25 16	1 25	10 10	2 42	23 21	0 26	20 27	0 11	20 40	13 15	20 56	20 49	23 49		n.a.
S 4	14 45	24 56	1 26	21 54	0 1	5 42	3 7	6 49	1 22	25 17	1 25	10 10	2 42	23 21	0 26	20 27	0 11	20 40	13 14	20 57	20 50	23 47		n.a.
M 5	15 4	21 36	0 12	21 55	0s 9	5 22	3 9	6 40	1 24	25 17	1 26	10 11	2 42	23 22	0 26	20 28	0 11	20 40	13 14	20 57	20 51	23 45		n.a.
T 6	15 22	17 0	1n 3	21 54	0 20	5 1	3 10	6 31	1 26	25 18	1 26	10 11	2 41	23 22	0 26	20 28	0 11	20 40	13 13	20 57	20 51	23 44		n.a.
W 7	15 41	11 33	2 12	21 52	0 31	4 40	3 11	6 22	1 28	25 18	1 26	10 11	2 41	23 23	0 26	20 29	0 11	20 39	13 13	20 57	20 52	23 42		n.a.
T 8	15 59	5 36	3 14	21 49	0 42	4 18	3 12	6 12	1 30	25 18	1 27	10 11	2 41	23 23	0 26	20 29	0 11	20 39	13 12	20 58	20 53	23 40		n.a.
F 9	16 17	0n32	4 3	21 45	0 53	3 56	3 12	6 3	1 32	25 19	1 27	10 11	2 41	23 24	0 26	20 30	0 11	20 39	13 12	20 59	20 53	23 38		n.a.
S 10	16 35	6 33	4 38	21 40	1 5	3 34	3 13	5 53	1 34	25 19	1 27	10 11	2 40	23 24	0 26	20 30	0 11	20 38	13 11	21 0	20 54	23 36		n.a.
S 11	16 52	12 12	4 57	21 34	1 17	3 11	3 13	5 43	1 36	25 20	1 28	10 11	2 40	23 25	0 26	20 31	0 11	20 38	13 11	21 2	20 55	23 34		n.a.
M12	17 9	17 13	5 1	21 27	1 29	2 48	3 13	5 33	1 38	25 20	1 28	10 11	2 40	23 25	0 26	20 31	0 11	20 38	13 10	21 5	20 55	23 33		n.a.
T 13	17 26	21 21	4 49	21 19	1 41	2 25	3 13	5 22	1 39	25 21	1 29	10 11	2 40	23 25	0 26	20 32	0 11	20 38	13 10	21 7	20 56	23 31		n.a.
W14	17 43	24 25	4 23	21 10	1 54	2 1	3 13	5 12	1 41	25 21	1 29	10 11	2 39	23 26	0 26	20 32	0 11	20 37	13 9	21 10	20 57	23 29		n.a.
T 15	17 59	26 16	3 45	21 1	2 6	1 37	3 13	5 1	1 43	25 22	1 29	10 11	2 39	23 26	0 26	20 33	0 11	20 37	13 9	21 12	20 57	23 27		n.a.
F 16	18 15	26 49	2 57	20 51	2 18	1 13	3 12	4 50	1 44	25 22	1 30	10 11	2 39	23 27	0 26	20 33	0 11	20 36	13 8	21 13	20 58	23 25		n.a.
S 17	18 31	26 5	2 2	20 40	2 31	0 49	3 12	4 39	1 46	25 23	1 30	10 11	2 39	23 27	0 26	20 34	0 11	20 36	13 8	21 14	20 59	23 23		n.a.
S 18	18 47	24 9	1 1	20 29	2 43	0 24	3 11	4 28	1 48	25 24	1 30	10 11	2 38	23 28	0 26	20 34	0 10	20 36	13 7	21 15	20 59	23 21		n.a.
M19	19 2	21 11	0s 1	20 18	2 55	0n 1	3 10	4 17	1 49	25 24	1 31	10 10	2 38	23 28	0 26	20 35	0 10	20 35	13 7	21 15	21 0	23 20		n.a.
T 20	19 17	17 21	1 4	20 6	3 6	0 26	3 9	4 5	1 51	25 25	1 31	10 10	2 38	23 29	0 26	20 35	0 10	20 35	13 6	21 15	21 1	23 18		n.a.
W21	19 32	12 49	2 4	19 54	3 18	0 51	3 8	3 54	1 52	25 25	1 31	10 10	2 37	23 29	0 26	20 36	0 10	20 34	13 6	21 15	21 1	23 16		n.a.
T 22	19 46	7 43	3 0	19 42	3 28	1 17	3 7	3 42	1 53	25 26	1 32	10 9	2 37	23 30	0 26	20 36	0 10	20 34	13 5	21 15	21 2	23 14		n.a.
F 23	20 0	2 14	3 49	19 30	3 38	1 43	3 6	3 30	1 55	25 26	1 32	10 9	2 37	23 30	0 26	20 37	0 10	20 33	13 5	21 15	21 3	23 12		n.a.
S 24	20 13	3s29	4 28	19 18	3 47	2 9	3 5	3 18	1 56	25 27	1 32	10 8	2 37	23 30	0 26	20 37	0 10	20 33	13 4	21 16	21 3	23 10		n.a.
S 25	20 27	9 14	4 54	19 6	3 55	2 35	3 3	3 5	1 57	25 28	1 33	10 8	2 36	23 31	0 26	20 38	0 10	20 33	13 4	21 17	21 4	23 8		n.a.
M26	20 40	14 45	5 5	18 54	4 2	3 1	3 1	2 53	1 59	25 28	1 33	10 7	2 36	23 31	0 26	20 38	0 10	20 32	13 3	21 19	21 5	23 6		n.a.
T 27	20 52	19 41	4 59	18 43	4 7	3 27	3 0	2 40	2 0	25 29	1 33	10 7	2 36	23 32	0 26	20 39	0 10	20 31	13 3	21 21	21 5	23 4		n.a.
W28	21 5	23 36	4 33	18 33	4 11	3 53	2 58	2 28	2 1	25 29	1 34	10 6	2 35	23 32	0 26	20 39	0 10	20 31	13 2	21 22	21 6	23 2		n.a.
T 29	21 16	26 5	3 50	18 23	4 14	4 20	2 56	2 15	2 2	25 30	1 34	10 6	2 35	23 33	0 26	20 40	0 10	20 30	13 2	21 24	21 7	23 0		n.a.
F 30	21n28	26s46	2s50	18n14	4s14	4n46	2s54	2n 2	2s 3	25s31	1s34	10n 5	2n35	23n33	0n26	20n40	0s10	20n30	13n 1	21s25	21s 7	22n59		n.a.

Julian Day Number = 198116.5, Delta T = 32h15m22s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'12, Lahiri = -61°15'12 Julian Calendar 1 June 4171 BCE == Greg. Calendar 29 Apr. 4171 BCE

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

JULY 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 26 15	4♊34'45	7♉55	8°R 4	19♈32	20♍53	6°R37	10♍52	14♊ 1	0♊34	8♍43	26°R36	28♉ 4	21♋26	n.a.	S 1
S 2	16 30 11	5°33'02	22°39	7♊ 6	20°36	21°24	6♉31	10°53	14° 5	0°36	8°43	26°D35	28° 1	21°33	n.a.	S 2
M 3	16 34 8	6°31'20	7♒11	6° 8	21°40	21°54	6°25	10°54	14° 8	0°38	8°43	26♉35	27°58	21°39	n.a.	M 3
T 4	16 38 5	7°29'41	21°28	5°12	22°45	22°25	6°19	10°56	14°12	0°41	8°44	26°36	27°55	21°46	n.a.	T 4
W 5	16 42 1	8°28'05	5♓28	4°18	23°50	22°57	6°13	10°57	14°16	0°43	8°44	26°R37	27°52	21°53	n.a.	W 5
T 6	16 45 58	9°26'30	19°11	3°28	24°55	23°28	6° 7	10°59	14°20	0°45	8°45	26°36	27°48	21°59	n.a.	T 6
F 7	16 49 54	10°24'58	2♈38	2°43	26° 0	24° 0	6° 0	11° 1	14°23	0°47	8°45	26°34	27°45	22° 6	n.a.	F 7
S 8	16 53 51	11°23'29	15°50	2° 4	27° 5	24°32	5°54	11° 2	14°27	0°49	8°46	26°30	27°42	22°12	n.a.	S 8
S 9	16 57 47	12°22'02	28°47	1°32	28°11	25° 5	5°47	11° 4	14°31	0°52	8°46	26°24	27°39	22°19	n.a.	S 9
M10	17 1 44	13°20'37	11♉32	1° 7	29°17	25°38	5°40	11° 6	14°35	0°54	8°47	26°16	27°36	22°26	n.a.	M10
T 11	17 5 40	14°19'15	24° 4	0°52	0♉23	26°11	5°33	11° 8	14°39	0°56	8°47	26° 9	27°32	22°32	n.a.	T 11
W12	17 9 37	15°17'55	6♊24	0°D45	1°29	26°44	5°26	11°11	14°42	0°58	8°48	26° 1	27°29	22°39	n.a.	W12
T 13	17 13 33	16°16'37	18°34	0°48	2°36	27°18	5°19	11°13	14°46	1° 0	8°49	25°55	27°26	22°46	n.a.	T 13
F 14	17 17 30	17°15'22	0♋35	0°59	3°43	27°52	5°12	11°15	14°50	1° 3	8°49	25°50	27°23	22°52	n.a.	F 14
S 15	17 21 27	18°14'08	12°28	1°21	4°50	28°26	5° 4	11°18	14°54	1° 5	8°50	25°47	27°20	22°59	n.a.	S 15
S 16	17 25 23	19°12'57	24°16	1°51	5°57	29° 0	4°57	11°20	14°57	1° 7	8°51	25°D46	27°17	23° 6	n.a.	S 16
M17	17 29 20	20°11'48	6♌ 2	2°30	7° 4	29°35	4°50	11°23	15° 1	1° 9	8°52	25°47	27°13	23°12	n.a.	M17
T 18	17 33 16	21°10'41	17°50	3°17	8°12	0♎10	4°42	11°26	15° 5	1°11	8°53	25°48	27°10	23°19	n.a.	T 18
W19	17 37 13	22° 9'36	29°43	4°13	9°20	0°45	4°34	11°29	15° 9	1°13	8°53	25°50	27° 7	23°26	n.a.	W19
T 20	17 41 9	23° 8'33	11♍47	5°16	10°28	1°21	4°27	11°31	15°12	1°15	8°54	25°52	27° 4	23°32	n.a.	T 20
F 21	17 45 6	24° 7'32	24° 6	6°25	11°36	1°56	4°19	11°34	15°16	1°17	8°55	25°R52	27° 1	23°39	n.a.	F 21
S 22	17 49 2	25° 6'33	6♎45	7°41	12°44	2°32	4°11	11°38	15°20	1°20	8°56	25°52	26°58	23°46	n.a.	S 22
S 23	17 52 59	26° 5'36	19°49	9° 3	13°53	3° 8	4° 3	11°41	15°24	1°22	8°57	25°50	26°54	23°52	n.a.	S 23
M24	17 56 55	27° 4'41	3♏20	10°29	15° 1	3°44	3°55	11°44	15°27	1°24	8°58	25°46	26°51	23°59	n.a.	M24
T 25	18 0 52	28° 3'48	17°19	12° 0	16°10	4°21	3°47	11°47	15°31	1°26	8°59	25°43	26°48	24° 5	n.a.	T 25
W26	18 4 48	29° 2'57	1♐44	13°34	17°19	4°58	3°39	11°51	15°35	1°28	9° 1	25°39	26°45	24°12	n.a.	W26
T 27	18 8 45	0♋ 2'08	16°32	15°12	18°28	5°34	3°31	11°54	15°39	1°30	9° 2	25°35	26°42	24°19	n.a.	T 27
F 28	18 12 42	1° 1'22	1♑34	16°52	19°37	6°11	3°23	11°58	15°42	1°32	9° 3	25°33	26°38	24°25	n.a.	F 28
S 29	18 16 38	2° 0'38	16°43	18°34	20°47	6°49	3°15	12° 1	15°46	1°34	9° 4	25°31	26°35	24°32	n.a.	S 29
S 30	18 20 35	2°59'56	1♒48	20°18	21°56	7°26	3° 7	12° 5	15°50	1°36	9° 5	25°D31	26°32	24°39	n.a.	S 30
M31	18 24 31	3♋59'17	16♒41	22♊ 3	23♉ 6	8♎ 3	2♑59	12♍ 9	15♊53	1♊38	9♍ 7	25♑32	26♑29	24♋45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n39	25s31	1s39	18n 7	4s13	5n13	2s52	1n49	2s 4	25s31	1s35	10n 4	2n35	23n34	0n26	20n41	0s10	20n29	13n 1	21s26	21s 8	22n57		n.a.
S 2	21 50	22 30	0 21	18 1	4 9	5 40	2 50	1 36	2 5	25 32	1 35	10 4	2 34	23 34	0 26	20 41	0 10	20 29	13 0	21 26	21 9	22 55		n.a.
M 3	22 0	18 5	0n57	17 56	4 4	6 6	2 47	1 23	2 6	25 32	1 35	10 3	2 34	23 35	0 26	20 42	0 10	20 28	13 0	21 26	21 9	22 53		n.a.
T 4	22 10	12 42	2 10	17 54	3 56	6 33	2 45	1 9	2 7	25 33	1 35	10 2	2 34	23 35	0 26	20 42	0 10	20 27	12 59	21 26	21 10	22 51		n.a.
W 5	22 20	6 46	3 14	17 53	3 47	7 0	2 42	0 56	2 8	25 34	1 36	10 1	2 34	23 36	0 26	20 43	0 10	20 27	12 58	21 26	21 11	22 49		n.a.
T 6	22 29	0 39	4 6	17 54	3 36	7 26	2 40	0 42	2 9	25 34	1 36	10 0	2 33	23 36	0 26	20 43	0 10	20 26	12 58	21 26	21 11	22 47		n.a.
F 7	22 38	5n22	4 42	17 58	3 24	7 53	2 37	0 28	2 10	25 35	1 36	9 59	2 33	23 37	0 26	20 44	0 10	20 25	12 57	21 26	21 12	22 45		n.a.
S 8	22 47	11 2	5 3	18 4	3 10	8 20	2 34	0 15	2 10	25 35	1 37	9 58	2 33	23 37	0 26	20 44	0 10	20 25	12 57	21 27	21 12	22 43		n.a.
S 9	22 55	16 8	5 8	18 12	2 55	8 46	2 32	0 1	2 11	25 36	1 37	9 57	2 32	23 37	0 26	20 45	0 10	20 24	12 56	21 28	21 13	22 41		n.a.
M10	23 2	20 25	4 58	18 23	2 38	9 13	2 29	0s13	2 12	25 36	1 37	9 56	2 32	23 38	0 26	20 45	0 10	20 23	12 56	21 30	21 14	22 39		n.a.
T 11	23 10	23 43	4 33	18 36	2 22	9 39	2 26	0 28	2 13	25 37	1 37	9 55	2 32	23 38	0 26	20 45	0 10	20 23	12 55	21 31	21 14	22 37		n.a.
W12	23 17	25 52	3 56	18 51	2 4	10 6	2 23	0 42	2 13	25 37	1 38	9 54	2 32	23 39	0 26	20 46	0 10	20 22	12 55	21 32	21 15	22 35		n.a.
T 13	23 23	26 44	3 8	19 9	1 47	10 32	2 20	0 56	2 14	25 38	1 38	9 53	2 31	23 39	0 26	20 46	0 10	20 21	12 54	21 34	21 16	22 33		n.a.
F 14	23 29	26 20	2 13	19 29	1 29	10 58	2 17	1 11	2 15	25 39	1 38	9 52	2 31	23 40	0 26	20 47	0 10	20 20	12 54	21 35	21 16	22 31		n.a.
S 15	23 35	24 42	1 12	19 50	1 12	11 24	2 14	1 25	2 15	25 39	1 38	9 50	2 31	23 40	0 26	20 47	0 10	20 20	12 53	21 35	21 17	22 29		n.a.
S 16	23 40	22 0	0 8	20 13	0 55	11 50	2 11	1 40	2 16	25 40	1 38	9 49	2 31	23 41	0 26	20 48	0 10	20 19	12 53	21 35	21 18	22 27		n.a.
M17	23 44	18 24	0s56	20 37	0 38	12 16	2 7	1 54	2 16	25 40	1 39	9 48	2 30	23 41	0 26	20 48	0 10	20 18	12 52	21 35	21 18	22 25		n.a.
T 18	23 49	14 3	1 58	21 2	0 22	12 41	2 4	2 9	2 17	25 41	1 39	9 47	2 30	23 42	0 26	20 49	0 10	20 17	12 52	21 35	21 19	22 23		n.a.
W19	23 52	9 10	2 55	21 28	0 7	13 6	2 1	2 24	2 17	25 41	1 39	9 45	2 30	23 42	0 26	20 49	0 10	20 17	12 51	21 35	21 20	22 21		n.a.
T 20	23 56	3 53	3 46	21 54	0n 7	13 31	1 57	2 39	2 18	25 42	1 39	9 44	2 30	23 42	0 26	20 50	0 10	20 16	12 51	21 34	21 20	22 19		n.a.
F 21	23 59	1s39	4 27	22 20	0 21	13 56	1 54	2 54	2 18	25 42	1 39	9 43	2 29	23 43	0 26	20 50	0 10	20 15	12 50	21 34	21 21	22 17		n.a.
S 22	24 1	7 16	4 57	22 46	0 33	14 21	1 50	3 9	2 19	25 42	1 40	9 41	2 29	23 43	0 26	20 51	0 10	20 14	12 50	21 34	21 21	22 15		n.a.
S 23	24 3	12 45	5 12	23 10	0 45	14 45	1 47	3 24	2 19	25 43	1 40	9 40	2 29	23 44	0 27	20 51	0 10	20 13	12 49	21 35	21 22	22 13		n.a.
M24	24 5	17 49	5 11	23 34	0 56	15 9	1 43	3 39	2 19	25 43	1 40	9 38	2 28	23 44	0 27	20 51	0 10	20 12	12 49	21 35	21 23	22 10		n.a.
T 25	24 6	22 8	4 52	23 57	1 5	15 33	1 40	3 54	2 20	25 44	1 40	9 37	2 28	23 45	0 27	20 52	0 10	20 11	12 48	21 36	21 23	22 8		n.a.
W26	24 7	25 14	4 14	24 18	1 14	15 57	1 36	4 9	2 20	25 44	1 40	9 35	2 28	23 45	0 27	20 52	0 10	20 11	12 48	21 37	21 24	22 6		n.a.
T 27	24 7	26 42	3 18	24 37	1 22	16 20	1 33	4 25	2 20	25 44	1 40	9 33	2 28	23 45	0 27	20 53	0 10	20 10	12 47	21 37	21 25	22 4		n.a.
F 28	24 7	26 15	2 8	24 55	1 28	16 43	1 29	4 40	2 21	25 45	1 40	9 32	2 28	23 46	0 27	20 53	0 10	20 9	12 47	21 38	21 25	22 2		n.a.
S 29	24 6	23 50	0 48	25 10	1 34	17 5	1 25	4 55	2 21	25 45	1 41	9 30	2 27	23 46	0 27	20 54	0 10	20 8	12 46	21 38	21 26	22 0		n.a.
S 30	24 5	19 46	0n35	25 24	1 39	17 27	1 22	5 11	2 21	25 45	1 41	9 28	2 27	23 47	0 27	20 54	0 10	20 7	12 46	21 38	21 26	21 58		n.a.
M31	24n 3	14s28	1n54	25n35	1n43	17n49	1s18	5s26	2s21	25s46	1s41	9n27	2n27	23n47	0n27	20n54	0s10	20n 6	12n46	21s38	21s27	21n56		n.a.

Julian Day Number = 198146.5, Delta T = 32h15m18s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'08, Lahiri = -61°15'08 Julian Calendar 1 July 4171 BCE == Greg. Calendar 29 May 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

AUGUST 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 28 28	4♋58'40	1♓15	23♊50	24♉16	8♎41	2°R51	12♍13	15♊57	1♊40	9♍ 8	25♑33	26♑26	24♋52	n.a.	T 1
W 2	18 32 24	5°58'06	15°28	25°37	25°26	9°19	2♑43	12°17	16° 1	1°42	9° 9	25°35	26°23	24°59	n.a.	W 2
T 3	18 36 21	6°57'34	29°18	27°24	26°36	9°57	2°35	12°21	16° 4	1°43	9°10	25°35	26°19	25° 5	n.a.	T 3
F 4	18 40 17	7°57'05	12♈44	29°11	27°47	10°35	2°27	12°25	16° 8	1°45	9°12	25°R36	26°16	25°12	n.a.	F 4
S 5	18 44 14	8°56'38	25°49	0♋59	28°57	11°14	2°19	12°29	16°11	1°47	9°13	25°35	26°13	25°19	n.a.	S 5
S 6	18 48 10	9°56'14	8♉36	2°46	0♊ 8	11°52	2°11	12°34	16°15	1°49	9°15	25°33	26°10	25°25	n.a.	S 6
M 7	18 52 7	10°55'53	21° 6	4°33	1°19	12°31	2° 3	12°38	16°18	1°51	9°16	25°31	26° 7	25°32	n.a.	M 7
T 8	18 56 3	11°55'34	3♊23	6°20	2°30	13°10	1°55	12°42	16°22	1°53	9°18	25°29	26° 3	25°39	n.a.	T 8
W 9	19 0 0	12°55'18	15°30	8° 7	3°41	13°48	1°48	12°47	16°25	1°55	9°19	25°27	26° 0	25°45	n.a.	W 9
T 10	19 3 56	13°55'04	27°29	9°52	4°52	14°28	1°40	12°51	16°29	1°56	9°21	25°26	25°57	25°52	n.a.	T 10
F 11	19 7 53	14°54'52	9♋21	11°38	6° 3	15° 7	1°32	12°56	16°32	1°58	9°22	25°25	25°54	25°58	n.a.	F 11
S 12	19 11 50	15°54'43	21°10	13°22	7°14	15°46	1°25	13° 1	16°36	2° 0	9°24	25°D24	25°51	26° 5	n.a.	S 12
S 13	19 15 46	16°54'35	2♌57	15° 7	8°26	16°26	1°17	13° 5	16°39	2° 2	9°25	25°24	25°48	26°12	n.a.	S 13
M14	19 19 43	17°54'30	14°44	16°50	9°38	17° 5	1°10	13°10	16°43	2° 3	9°27	25°25	25°44	26°18	n.a.	M14
T 15	19 23 39	18°54'27	26°34	18°33	10°49	17°45	1° 2	13°15	16°46	2° 5	9°29	25°25	25°41	26°25	n.a.	T 15
W16	19 27 36	19°54'26	8♍31	20°15	12° 1	18°25	0°55	13°20	16°49	2° 7	9°30	25°26	25°38	26°32	n.a.	W16
T 17	19 31 32	20°54'27	20°37	21°57	13°13	19° 5	0°48	13°25	16°53	2° 8	9°32	25°27	25°35	26°38	n.a.	T 17
F 18	19 35 29	21°54'29	2♎56	23°38	14°25	19°45	0°41	13°30	16°56	2°10	9°34	25°27	25°32	26°45	n.a.	F 18
S 19	19 39 25	22°54'34	15°32	25°18	15°37	20°25	0°34	13°36	16°59	2°11	9°36	25°27	25°29	26°52	n.a.	S 19
S 20	19 43 22	23°54'40	28°30	26°57	16°50	21° 5	0°27	13°41	17° 2	2°13	9°38	25°R27	25°25	26°58	n.a.	S 20
M21	19 47 18	24°54'49	11♏52	28°36	18° 2	21°46	0°21	13°46	17° 6	2°14	9°39	25°27	25°22	27° 5	n.a.	M21
T 22	19 51 15	25°54'59	25°40	0♌15	19°14	22°26	0°14	13°51	17° 9	2°16	9°41	25°D27	25°19	27°12	n.a.	T 22
W23	19 55 11	26°55'11	9♐55	1°53	20°27	23° 7	0° 8	13°57	17°12	2°17	9°43	25°27	25°16	27°18	n.a.	W23
T 24	19 59 8	27°55'25	24°34	3°30	21°40	23°47	0° 1	14° 2	17°15	2°19	9°45	25°27	25°13	27°25	n.a.	T 24
F 25	20 3 4	28°55'41	9♑33	5° 7	22°52	24°28	29♐55	14° 8	17°18	2°20	9°47	25°28	25° 9	27°32	n.a.	F 25
S 26	20 7 1	29°55'59	24°45	6°43	24° 5	25° 9	29°49	14°13	17°21	2°22	9°49	25°R28	25° 6	27°38	n.a.	S 26
S 27	20 10 58	0♌56'19	9♒59	8°18	25°18	25°50	29°44	14°19	17°24	2°23	9°51	25°28	25° 3	27°45	n.a.	S 27
M28	20 14 54	1°56'40	25° 7	9°54	26°31	26°31	29°38	14°25	17°27	2°24	9°53	25°27	25° 0	27°51	n.a.	M28
T 29	20 18 51	2°57'04	9♓58	11°28	27°44	27°12	29°32	14°30	17°30	2°26	9°55	25°26	24°57	27°58	n.a.	T 29
W30	20 22 47	3°57'30	24°27	13° 2	28°58	27°53	29°27	14°36	17°33	2°27	9°57	25°25	24°54	28° 5	n.a.	W30
T 31	20 26 44	4♌57'58	8♈30	14♌36	0♋11	28♎34	29♐22	14♍42	17♊36	2♊28	9♍59	25♑24	24♑50	28♋11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	24n 1	8s28	3n 5	25n44	1n47	18n10	1s14	5s42	2s22	25s46	1s41	9n25	2n27	23n48	0n27	20n55	0s10	20n 5	12n45	21s38	21s28	21n54			n.a.
W 2	23 58	2 11	4 2	25 51	1 49	18 31	1 11	5 57	2 22	25 46	1 41	9 23	2 26	23 48	0 27	20 55	0 10	20 4	12 45	21 38	21 28	21 52			n.a.
T 3	23 55	4n 2	4 44	25 56	1 51	18 52	1 7	6 13	2 22	25 46	1 41	9 21	2 26	23 48	0 27	20 56	0 10	20 3	12 44	21 37	21 29	21 50			n.a.
F 4	23 52	9 52	5 8	25 59	1 52	19 12	1 3	6 28	2 22	25 47	1 41	9 19	2 26	23 49	0 27	20 56	0 10	20 2	12 44	21 37	21 30	21 48			n.a.
S 5	23 48	15 8	5 16	25 59	1 52	19 32	0 59	6 44	2 22	25 47	1 41	9 18	2 26	23 49	0 27	20 56	0 10	20 1	12 43	21 38	21 30	21 45			n.a.
S 6	23 44	19 36	5 8	25 57	1 52	19 51	0 56	6 59	2 22	25 47	1 41	9 16	2 25	23 50	0 27	20 57	0 10	20 0	12 43	21 38	21 31	21 43			n.a.
M 7	23 39	23 7	4 45	25 54	1 52	20 9	0 52	7 15	2 22	25 47	1 41	9 14	2 25	23 50	0 27	20 57	0 10	19 59	12 42	21 38	21 31	21 41			n.a.
T 8	23 34	25 31	4 10	25 48	1 50	20 28	0 48	7 31	2 22	25 47	1 41	9 12	2 25	23 50	0 27	20 58	0 10	19 58	12 42	21 39	21 32	21 39			n.a.
W 9	23 28	26 40	3 24	25 40	1 49	20 45	0 45	7 46	2 22	25 48	1 41	9 10	2 25	23 51	0 27	20 58	0 10	19 57	12 42	21 39	21 33	21 37			n.a.
T 10	23 22	26 34	2 29	25 30	1 47	21 2	0 41	8 2	2 22	25 48	1 41	9 8	2 25	23 51	0 27	20 58	0 10	19 56	12 41	21 39	21 33	21 35			n.a.
F 11	23 15	25 14	1 28	25 19	1 44	21 19	0 37	8 17	2 22	25 48	1 41	9 6	2 24	23 51	0 27	20 59	0 10	19 55	12 41	21 39	21 34	21 33			n.a.
S 12	23 8	22 47	0 24	25 6	1 41	21 35	0 34	8 33	2 22	25 48	1 41	9 4	2 24	23 52	0 27	20 59	0 10	19 54	12 40	21 40	21 34	21 30			n.a.
S 13	23 1	19 23	0s42	24 51	1 38	21 50	0 30	8 49	2 22	25 48	1 41	9 2	2 24	23 52	0 27	21 0	0 10	19 53	12 40	21 40	21 35	21 28			n.a.
M14	22 53	15 12	1 45	24 35	1 34	22 5	0 26	9 4	2 22	25 48	1 41	9 0	2 24	23 53	0 27	21 0	0 10	19 52	12 39	21 39	21 36	21 26			n.a.
T 15	22 44	10 26	2 45	24 17	1 30	22 20	0 23	9 20	2 22	25 48	1 41	8 57	2 23	23 53	0 27	21 0	0 10	19 51	12 39	21 39	21 36	21 24			n.a.
W16	22 35	5 16	3 37	23 57	1 26	22 33	0 19	9 35	2 22	25 48	1 41	8 55	2 23	23 53	0 27	21 1	0 10	19 50	12 39	21 39	21 37	21 22			n.a.
T 17	22 26	0s10	4 21	23 37	1 22	22 46	0 16	9 51	2 22	25 48	1 41	8 53	2 23	23 54	0 27	21 1	0 10	19 49	12 38	21 39	21 37	21 20			n.a.
F 18	22 16	5 40	4 54	23 15	1 17	22 59	0 12	10 6	2 22	25 48	1 41	8 51	2 23	23 54	0 27	21 1	0 10	19 48	12 38	21 39	21 38	21 17			n.a.
S 19	22 6	11 4	5 13	22 51	1 12	23 10	0 8	10 22	2 21	25 48	1 41	8 49	2 23	23 54	0 27	21 2	0 10	19 47	12 37	21 39	21 39	21 15			n.a.
S 20	21 56	16 10	5 18	22 27	1 7	23 22	0 5	10 37	2 21	25 48	1 41	8 46	2 22	23 55	0 27	21 2	0 10	19 46	12 37	21 39	21 39	21 13			n.a.
M21	21 45	20 38	5 5	22 1	1 1	23 32	0 2	10 53	2 21	25 48	1 41	8 44	2 22	23 55	0 27	21 2	0 10	19 45	12 37	21 39	21 40	21 11			n.a.
T 22	21 33	24 9	4 35	21 34	0 56	23 42	0n 2	11 8	2 21	25 48	1 41	8 42	2 22	23 55	0 27	21 3	0 10	19 44	12 36	21 39	21 40	21 9			n.a.
W23	21 22	26 18	3 47	21 7	0 50	23 51	0 5	11 24	2 21	25 48	1 41	8 40	2 22	23 56	0 27	21 3	0 10	19 43	12 36	21 39	21 41	21 7			n.a.
T 24	21 10	26 43	2 44	20 38	0 44	23 59	0 9	11 39	2 20	25 48	1 41	8 37	2 22	23 56	0 27	21 3	0 10	19 42	12 36	21 39	21 42	21 4			n.a.
F 25	20 57	25 13	1 27	20 9	0 38	24 7	0 12	11 54	2 20	25 48	1 41	8 35	2 22	23 56	0 27	21 3	0 10	19 41	12 35	21 39	21 42	21 2			n.a.
S 26	20 44	21 51	0 4	19 38	0 32	24 14	0 15	12 10	2 20	25 48	1 41	8 32	2 21	23 57	0 27	21 4	0 10	19 40	12 35	21 39	21 43	21 0			n.a.
S 27	20 31	16 58	1n20	19 7	0 26	24 20	0 18	12 25	2 20	25 48	1 41	8 30	2 21	23 57	0 27	21 4	0 10	19 38	12 35	21 39	21 43	20 58			n.a.
M28	20 17	11 3	2 38	18 35	0 20	24 26	0 21	12 40	2 19	25 47	1 41	8 28	2 21	23 57	0 27	21 4	0 10	19 37	12 34	21 39	21 44	20 55			n.a.
T 29	20 3	4 37	3 43	18 2	0 13	24 30	0 25	12 55	2 19	25 47	1 40	8 25	2 21	23 58	0 27	21 5	0 10	19 36	12 34	21 39	21 45	20 53			n.a.
W30	19 48	1n53	4 32	17 29	0 7	24 34	0 28	13 10	2 19	25 47	1 40	8 23	2 21	23 58	0 27	21 5	0 10	19 35	12 34	21 39	21 45	20 51			n.a.
T 31	19n34	8n 5	5n 4	16n55	0n 0	24n38	0n31	13s25	2s18	25s47	1s40	8n20	2n21	23n58	0n27	21n 5	0s10	19n34	12n33	21s39	21s46	20n49			n.a.

Julian Day Number = 198177.5, Delta T = 32h15m15s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'04, Lahiri = -61°15'03 Julian Calendar 1 Aug. 4171 BCE == Greg. Calendar 29 June 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

SEPTEMBER 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 30 40	5♌58'28	22♈ 4	16♌ 9	1♋24	29♎16	29°R17	14♍48	17♊39	2♊29	10♍ 1	25°R24	24♑47	28♋18	n.a.	F 1
S 2	20 34 37	6°59'01	5♉13	17°42	2°38	29°57	29♐12	14°54	17°41	2°31	10° 3	25°D23	24°44	28°25	n.a.	S 2
S 3	20 38 33	7°59'35	17°57	19°15	3°51	0♏38	29° 7	15° 0	17°44	2°32	10° 5	25♑24	24°41	28°31	n.a.	S 3
M 4	20 42 30	9° 0'12	0♊22	20°47	5° 5	1°20	29° 3	15° 6	17°47	2°33	10° 7	25°24	24°38	28°38	n.a.	M 4
T 5	20 46 26	10° 0'51	12°32	22°18	6°19	2° 1	28°58	15°12	17°50	2°34	10° 9	25°26	24°35	28°45	n.a.	T 5
W 6	20 50 23	11° 1'32	24°31	23°50	7°32	2°43	28°54	15°18	17°52	2°35	10°11	25°27	24°31	28°51	n.a.	W 6
T 7	20 54 19	12° 2'15	6♋22	25°20	8°46	3°25	28°50	15°24	17°55	2°36	10°13	25°28	24°28	28°58	n.a.	T 7
F 8	20 58 16	13° 2'59	18° 9	26°51	10° 0	4° 7	28°46	15°30	17°57	2°37	10°16	25°29	24°25	29° 5	n.a.	F 8
S 9	21 2 13	14° 3'46	29°56	28°21	11°14	4°48	28°43	15°37	18° 0	2°38	10°18	25°R29	24°22	29°11	n.a.	S 9
S 10	21 6 9	15° 4'34	11♌44	29°50	12°28	5°30	28°39	15°43	18° 2	2°39	10°20	25°28	24°19	29°18	n.a.	S 10
M11	21 10 6	16° 5'24	23°37	1♍19	13°42	6°12	28°36	15°49	18° 5	2°40	10°22	25°26	24°15	29°25	n.a.	M11
T 12	21 14 2	17° 6'15	5♍35	2°48	14°56	6°54	28°33	15°56	18° 7	2°41	10°24	25°23	24°12	29°31	n.a.	T 12
W13	21 17 59	18° 7'08	17°41	4°16	16°11	7°36	28°30	16° 2	18°10	2°42	10°27	25°20	24° 9	29°38	n.a.	W13
T 14	21 21 55	19° 8'02	29°57	5°44	17°25	8°18	28°28	16° 9	18°12	2°43	10°29	25°16	24° 6	29°44	n.a.	T 14
F 15	21 25 52	20° 8'58	12♎24	7°11	18°39	9° 0	28°25	16°15	18°14	2°43	10°31	25°12	24° 3	29°51	n.a.	F 15
S 16	21 29 48	21° 9'54	25° 4	8°37	19°54	9°43	28°23	16°22	18°16	2°44	10°33	25° 8	24° 0	29°58	n.a.	S 16
S 17	21 33 45	22°10'52	8♏ 1	10° 3	21° 8	10°25	28°21	16°28	18°18	2°45	10°36	25° 6	23°56	0♌ 4	n.a.	S 17
M18	21 37 41	23°11'52	21°17	11°28	22°22	11° 7	28°19	16°35	18°21	2°46	10°38	25°D 5	23°53	0°11	n.a.	M18
T 19	21 41 38	24°12'52	4♐53	12°53	23°37	11°49	28°18	16°41	18°23	2°46	10°40	25° 6	23°50	0°18	n.a.	T 19
W20	21 45 35	25°13'54	18°51	14°16	24°52	12°32	28°16	16°48	18°25	2°47	10°43	25° 7	23°47	0°24	n.a.	W20
T 21	21 49 31	26°14'56	3♑12	15°38	26° 6	13°14	28°15	16°54	18°27	2°47	10°45	25° 9	23°44	0°31	n.a.	T 21
F 22	21 53 28	27°16'00	17°53	17° 0	27°21	13°57	28°14	17° 1	18°29	2°48	10°47	25°R10	23°41	0°38	n.a.	F 22
S 23	21 57 24	28°17'04	2♒49	18°20	28°36	14°39	28°13	17° 8	18°30	2°48	10°50	25°10	23°37	0°44	n.a.	S 23
S 24	22 1 21	29°18'10	17°54	19°38	29°50	15°22	28°13	17°15	18°32	2°49	10°52	25° 8	23°34	0°51	n.a.	S 24
M25	22 5 17	0♍19'16	2♓59	20°55	1♌ 5	16° 4	28°12	17°21	18°34	2°49	10°54	25° 5	23°31	0°58	n.a.	M25
T 26	22 9 14	1°20'24	17°54	22° 9	2°20	16°47	28°D12	17°28	18°36	2°50	10°57	25° 0	23°28	1° 4	n.a.	T 26
W27	22 13 10	2°21'33	2♈32	23°22	3°35	17°29	28°12	17°35	18°37	2°50	10°59	24°54	23°25	1°11	n.a.	W27
T 28	22 17 7	3°22'43	16°44	24°32	4°50	18°12	28°12	17°42	18°39	2°51	11° 1	24°47	23°21	1°18	n.a.	T 28
F 29	22 21 4	4°23'54	0♉29	25°39	6° 5	18°54	28°13	17°49	18°41	2°51	11° 4	24°42	23°18	1°24	n.a.	F 29
S 30	22 25 0	5♍25'07	13♉45	26♍42	7♌20	19♏37	28♐14	17♍55	18♊42	2♊51	11♍ 6	24♑38	23♑15	1♌31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n18	13n42	5n17	16n21	0s 6	24n40	0n34	13s40	2s18	25s47	1s40	8n18	2n20	23n59	0n27	21n 5	0s10	19n33	12n33	21s40	21s46	20n47		n.a.
S 2	19 3	18 31	5 13	15 46	0 13	24 42	0 37	13 54	2 18	25 47	1 40	8 15	2 20	23 59	0 27	21 6	0 10	19 32	12 33	21 40	21 47	20 44		n.a.
S 3	18 47	22 20	4 53	15 10	0 19	24 43	0 39	14 9	2 17	25 47	1 40	8 13	2 20	23 59	0 27	21 6	0 10	19 31	12 32	21 40	21 48	20 42		n.a.
M 4	18 31	25 2	4 20	14 34	0 26	24 43	0 42	14 24	2 17	25 46	1 40	8 10	2 20	23 59	0 27	21 6	0 10	19 30	12 32	21 39	21 48	20 40		n.a.
T 5	18 14	26 31	3 36	13 57	0 32	24 43	0 45	14 38	2 17	25 46	1 39	8 8	2 20	24 0	0 27	21 6	0 10	19 29	12 32	21 39	21 49	20 38		n.a.
W 6	17 57	26 43	2 43	13 21	0 39	24 41	0 48	14 53	2 16	25 46	1 39	8 5	2 20	24 0	0 28	21 7	0 10	19 27	12 31	21 39	21 49	20 35		n.a.
T 7	17 40	25 41	1 44	12 43	0 46	24 39	0 50	15 7	2 16	25 46	1 39	8 3	2 20	24 0	0 28	21 7	0 10	19 26	12 31	21 39	21 50	20 33		n.a.
F 8	17 22	23 31	0 41	12 6	0 52	24 36	0 53	15 21	2 15	25 46	1 39	8 0	2 19	24 1	0 28	21 7	0 10	19 25	12 31	21 39	21 50	20 31		n.a.
S 9	17 4	20 20	0s25	11 28	0 59	24 33	0 55	15 36	2 15	25 45	1 39	7 57	2 19	24 1	0 28	21 7	0 10	19 24	12 31	21 39	21 51	20 28		n.a.
S 10	16 46	16 20	1 29	10 50	1 5	24 28	0 58	15 50	2 14	25 45	1 39	7 55	2 19	24 1	0 28	21 7	0 10	19 23	12 30	21 39	21 52	20 26		n.a.
M11	16 28	11 41	2 29	10 12	1 11	24 23	1 0	16 4	2 14	25 45	1 38	7 52	2 19	24 1	0 28	21 8	0 10	19 22	12 30	21 39	21 52	20 24		n.a.
T 12	16 9	6 35	3 24	9 34	1 18	24 17	1 2	16 18	2 13	25 45	1 38	7 49	2 19	24 2	0 28	21 8	0 10	19 21	12 30	21 40	21 53	20 22		n.a.
W13	15 50	1 11	4 9	8 55	1 24	24 10	1 5	16 31	2 13	25 45	1 38	7 47	2 19	24 2	0 28	21 8	0 10	19 20	12 30	21 40	21 53	20 19		n.a.
T 14	15 30	4s18	4 44	8 17	1 30	24 3	1 7	16 45	2 12	25 44	1 38	7 44	2 19	24 2	0 28	21 8	0 10	19 19	12 29	21 41	21 54	20 17		n.a.
F 15	15 11	9 42	5 6	7 39	1 36	23 55	1 9	16 59	2 12	25 44	1 38	7 41	2 18	24 2	0 28	21 8	0 9	19 18	12 29	21 42	21 55	20 15		n.a.
S 16	14 51	14 49	5 14	7 0	1 41	23 46	1 11	17 12	2 11	25 44	1 38	7 39	2 18	24 3	0 28	21 8	0 9	19 16	12 29	21 42	21 55	20 12		n.a.
S 17	14 30	19 23	5 6	6 22	1 47	23 36	1 13	17 26	2 11	25 44	1 37	7 36	2 18	24 3	0 28	21 9	0 9	19 15	12 29	21 43	21 56	20 10		n.a.
M18	14 10	23 7	4 42	5 44	1 52	23 26	1 15	17 39	2 10	25 43	1 37	7 33	2 18	24 3	0 28	21 9	0 9	19 14	12 29	21 43	21 56	20 8		n.a.
T 19	13 49	25 40	4 2	5 7	1 57	23 14	1 17	17 52	2 10	25 43	1 37	7 30	2 18	24 3	0 28	21 9	0 9	19 13	12 28	21 43	21 57	20 5		n.a.
W20	13 28	26 43	3 6	4 29	2 2	23 2	1 18	18 5	2 9	25 43	1 37	7 28	2 18	24 3	0 28	21 9	0 9	19 12	12 28	21 43	21 57	20 3		n.a.
T 21	13 7	26 2	1 58	3 53	2 7	22 50	1 20	18 18	2 9	25 43	1 37	7 25	2 18	24 4	0 28	21 9	0 9	19 11	12 28	21 42	21 58	20 1		n.a.
F 22	12 46	23 32	0 40	3 16	2 11	22 37	1 21	18 30	2 8	25 43	1 36	7 22	2 18	24 4	0 28	21 9	0 9	19 10	12 28	21 42	21 58	19 59		n.a.
S 23	12 24	19 24	0n42	2 41	2 15	22 23	1 23	18 43	2 8	25 42	1 36	7 19	2 18	24 4	0 28	21 9	0 9	19 9	12 28	21 42	21 59	19 56		n.a.
S 24	12 2	13 59	2 1	2 6	2 18	22 8	1 24	18 55	2 7	25 42	1 36	7 17	2 18	24 4	0 28	21 10	0 9	19 8	12 28	21 43	22 0	19 54		n.a.
M25	11 40	7 43	3 12	1 33	2 22	21 52	1 26	19 7	2 6	25 42	1 36	7 14	2 17	24 4	0 28	21 10	0 9	19 7	12 27	21 43	22 0	19 52		n.a.
T 26	11 18	1 7	4 9	1 0	2 24	21 36	1 27	19 20	2 6	25 42	1 35	7 11	2 17	24 5	0 28	21 10	0 9	19 6	12 27	21 44	22 1	19 49		n.a.
W27	10 56	5n24	4 48	0 29	2 26	21 20	1 28	19 32	2 5	25 41	1 35	7 8	2 17	24 5	0 28	21 10	0 9	19 4	12 27	21 45	22 1	19 47		n.a.
T 28	10 33	11 28	5 8	0s 1	2 28	21 2	1 29	19 43	2 5	25 41	1 35	7 5	2 17	24 5	0 28	21 10	0 9	19 3	12 27	21 46	22 2	19 44		n.a.
F 29	10 10	16 46	5 9	0 29	2 29	20 44	1 30	19 55	2 4	25 41	1 35	7 3	2 17	24 5	0 28	21 10	0 9	19 2	12 27	21 47	22 2	19 42		n.a.
S 30	9n47	21n 4	4n54	0s55	2s29	20n26	1n31	20s 6	2s 3	25s41	1s35	7n 0	2n17	24n 5	0n28	21n10	0s 9	19n 1	12n27	21s48	22s 3	19n40		n.a.

Julian Day Number = 198208.5, Delta T = 32h15m12s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°22'00, Lahiri = -61°14'59 Julian Calendar 1 Sept. 4171 BCE == Greg. Calendar 30 July 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

OCTOBER 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 28 57	6♍26'21	26♉35	27♍42	8♌35	20♏19	28♐14	18♍ 2	18♊44	2♊51	11♍ 8	24°R36	23♑12	1♌37	n.a.	S 1
M 2	22 32 53	7°27'36	9♊ 2	28°38	9°50	21° 2	28°15	18° 9	18°45	2°52	11°11	24°D35	23° 9	1°44	n.a.	M 2
T 3	22 36 50	8°28'52	21°11	29°28	11° 5	21°45	28°17	18°16	18°46	2°52	11°13	24♑36	23° 6	1°51	n.a.	T 3
W 4	22 40 46	9°30'09	3♋ 7	0♎13	12°20	22°27	28°18	18°23	18°48	2°52	11°16	24°37	23° 2	1°57	n.a.	W 4
T 5	22 44 43	10°31'28	14°56	0°51	13°35	23°10	28°20	18°30	18°49	2°52	11°18	24°39	22°59	2° 4	n.a.	T 5
F 6	22 48 39	11°32'47	26°42	1°22	14°50	23°53	28°22	18°37	18°50	2°52	11°20	24°R39	22°56	2°11	n.a.	F 6
S 7	22 52 36	12°34'07	8♌29	1°45	16° 5	24°36	28°24	18°44	18°51	2°R52	11°23	24°38	22°53	2°17	n.a.	S 7
S 8	22 56 33	13°35'28	20°21	1°59	17°20	25°18	28°26	18°51	18°52	2°52	11°25	24°35	22°50	2°24	n.a.	S 8
M 9	23 0 29	14°36'50	2♍21	2°R 3	18°36	26° 1	28°29	18°58	18°53	2°52	11°28	24°29	22°47	2°31	n.a.	M 9
T 10	23 4 26	15°38'12	14°31	1°56	19°51	26°44	28°31	19° 5	18°54	2°52	11°30	24°21	22°43	2°37	n.a.	T 10
W11	23 8 22	16°39'35	26°52	1°39	21° 6	27°27	28°34	19°12	18°55	2°52	11°32	24°11	22°40	2°44	n.a.	W11
T 12	23 12 19	17°40'58	9♎24	1°10	22°21	28° 9	28°37	19°19	18°56	2°52	11°35	24° 0	22°37	2°51	n.a.	T 12
F 13	23 16 15	18°42'22	22° 8	0°29	23°37	28°52	28°41	19°25	18°57	2°52	11°37	23°50	22°34	2°57	n.a.	F 13
S 14	23 20 12	19°43'46	5♏ 3	29♍37	24°52	29°35	28°44	19°32	18°58	2°51	11°39	23°41	22°31	3° 4	n.a.	S 14
S 15	23 24 9	20°45'10	18°11	28°36	26° 7	0♐18	28°48	19°39	18°58	2°51	11°42	23°34	22°27	3°11	n.a.	S 15
M16	23 28 5	21°46'34	1♐31	27°25	27°23	1° 1	28°52	19°46	18°59	2°51	11°44	23°29	22°24	3°17	n.a.	M16
T 17	23 32 2	22°47'58	15° 5	26° 8	28°38	1°44	28°56	19°53	19° 0	2°51	11°46	23°27	22°21	3°24	n.a.	T 17
W18	23 35 58	23°49'23	28°54	24°47	29°53	2°26	29° 0	20° 0	19° 0	2°50	11°49	23°D27	22°18	3°30	n.a.	W18
T 19	23 39 55	24°50'47	12♑57	23°25	1♍ 9	3° 9	29° 5	20° 7	19° 1	2°50	11°51	23°28	22°15	3°37	n.a.	T 19
F 20	23 43 51	25°52'11	27°16	22° 4	2°24	3°52	29° 9	20°14	19° 1	2°49	11°53	23°R28	22°12	3°44	n.a.	F 20
S 21	23 47 48	26°53'34	11♒48	20°47	3°39	4°35	29°14	20°21	19° 1	2°49	11°56	23°27	22° 8	3°50	n.a.	S 21
S 22	23 51 45	27°54'58	26°29	19°36	4°55	5°18	29°19	20°28	19° 2	2°49	11°58	23°23	22° 5	3°57	n.a.	S 22
M23	23 55 41	28°56'21	11♓13	18°33	6°10	6° 1	29°24	20°35	19° 2	2°48	12° 0	23°16	22° 2	4° 4	n.a.	M23
T 24	23 59 38	29°57'44	25°53	17°40	7°25	6°43	29°30	20°42	19° 2	2°47	12° 3	23° 7	21°59	4°10	n.a.	T 24
W25	0 3 34	0♎59'07	10♈22	16°57	8°41	7°26	29°35	20°49	19° 2	2°47	12° 5	22°56	21°56	4°17	n.a.	W25
T 26	0 7 31	2° 0'30	24°32	16°25	9°56	8° 9	29°41	20°56	19° 2	2°46	12° 7	22°44	21°52	4°24	n.a.	T 26
F 27	0 11 27	3° 1'53	8♉18	16° 4	11°11	8°52	29°47	21° 3	19°R 2	2°46	12°10	22°33	21°49	4°30	n.a.	F 27
S 28	0 15 24	4° 3'16	21°38	15°52	12°27	9°35	29°53	21°10	19° 2	2°45	12°12	22°24	21°46	4°37	n.a.	S 28
S 29	0 19 21	5° 4'40	4♊32	15°D51	13°42	10°17	29°59	21°16	19° 2	2°44	12°14	22°18	21°43	4°44	n.a.	S 29
M30	0 23 17	6° 6'03	17° 3	15°58	14°57	11° 0	0♑ 5	21°23	19° 2	2°44	12°16	22°14	21°40	4°50	n.a.	M30
T 31	0 27 14	7♎ 7'26	29♊15	16♍14	16♍13	11♐43	0♑12	21♍30	19♊ 2	2♊43	12♍18	22♑12	21♑37	4♌57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
S 1	9n24	24n13	4n24	1s19	2s28	20n 7	1n32	20s18	2s 3	25s41	1s34	6n57	2n17	24n 6	0n28	21n10	0s 9	19n 0	12n27	21s49	22s 3	19n37			n.a.	S 1
M 2	9 1	26 5	3 42	1 41	2 27	19 47	1 33	20 29	2 2	25 40	1 34	6 54	2 17	24 6	0 28	21 10	0 9	18 59	12 26	21 49	22 4	19 35			n.a.	M 2
T 3	8 37	26 40	2 52	1 59	2 25	19 26	1 34	20 40	2 2	25 40	1 34	6 51	2 17	24 6	0 28	21 10	0 9	18 58	12 26	21 49	22 5	19 33			n.a.	T 3
W 4	8 13	25 59	1 54	2 14	2 21	19 5	1 35	20 51	2 1	25 40	1 34	6 48	2 17	24 6	0 28	21 10	0 9	18 57	12 26	21 48	22 5	19 30			n.a.	W 4
T 5	7 50	24 7	0 52	2 25	2 17	18 44	1 35	21 1	2 0	25 40	1 33	6 46	2 17	24 6	0 28	21 10	0 9	18 56	12 26	21 48	22 6	19 28			n.a.	T 5
F 6	7 26	21 14	0s11	2 33	2 11	18 22	1 36	21 12	2 0	25 40	1 33	6 43	2 17	24 6	0 29	21 10	0 9	18 55	12 26	21 48	22 6	19 26			n.a.	F 6
S 7	7 2	17 28	1 14	2 35	2 3	17 59	1 36	21 22	1 59	25 39	1 33	6 40	2 17	24 6	0 29	21 10	0 9	18 54	12 26	21 48	22 7	19 23			n.a.	S 7
S 8	6 38	13 0	2 14	2 33	1 55	17 36	1 36	21 32	1 58	25 39	1 33	6 37	2 17	24 7	0 29	21 10	0 9	18 53	12 26	21 49	22 7	19 21			n.a.	S 8
M 9	6 13	8 0	3 9	2 25	1 44	17 12	1 37	21 42	1 58	25 39	1 33	6 34	2 17	24 7	0 29	21 10	0 9	18 52	12 26	21 50	22 8	19 18			n.a.	M 9
T 10	5 49	2 39	3 56	2 12	1 32	16 48	1 37	21 52	1 57	25 39	1 32	6 31	2 17	24 7	0 29	21 10	0 9	18 51	12 26	21 51	22 8	19 16			n.a.	T 10
W11	5 25	2s51	4 32	1 52	1 19	16 24	1 37	22 2	1 56	25 39	1 32	6 29	2 17	24 7	0 29	21 10	0 9	18 50	12 26	21 53	22 9	19 14			n.a.	W11
T 12	5 0	8 20	4 56	1 26	1 3	15 59	1 37	22 11	1 56	25 38	1 32	6 26	2 17	24 7	0 29	21 10	0 9	18 49	12 26	21 55	22 9	19 11			n.a.	T 12
F 13	4 35	13 33	5 5	0 54	0 46	15 33	1 37	22 20	1 55	25 38	1 32	6 23	2 16	24 7	0 29	21 10	0 9	18 48	12 26	21 57	22 10	19 9			n.a.	F 13
S 14	4 11	18 15	4 59	0 17	0 28	15 7	1 37	22 29	1 54	25 38	1 31	6 20	2 16	24 7	0 29	21 10	0 9	18 47	12 26	21 58	22 11	19 6			n.a.	S 14
S 15	3 46	22 10	4 38	0n26	0 9	14 41	1 37	22 38	1 53	25 38	1 31	6 17	2 16	24 7	0 29	21 10	0 9	18 46	12 26	22 0	22 11	19 4			n.a.	S 15
M16	3 21	24 58	4 1	1 13	0n11	14 14	1 37	22 47	1 53	25 38	1 31	6 14	2 16	24 7	0 29	21 10	0 9	18 45	12 26	22 0	22 12	19 2			n.a.	M16
T 17	2 56	26 24	3 10	2 3	0 32	13 47	1 36	22 55	1 52	25 37	1 31	6 12	2 16	24 8	0 29	21 10	0 9	18 44	12 26	22 1	22 12	18 59			n.a.	T 17
W18	2 31	26 14	2 7	2 55	0 52	13 19	1 36	23 3	1 51	25 37	1 31	6 9	2 16	24 8	0 29	21 10	0 9	18 43	12 26	22 1	22 13	18 57			n.a.	W18
T 19	2 6	24 23	0 56	3 47	1 12	12 51	1 35	23 11	1 51	25 37	1 30	6 6	2 16	24 8	0 29	21 10	0 9	18 42	12 26	22 1	22 13	18 54			n.a.	T 19
F 20	1 41	20 58	0n20	4 37	1 30	12 23	1 35	23 19	1 50	25 37	1 30	6 3	2 16	24 8	0 29	21 10	0 9	18 41	12 26	22 1	22 14	18 52			n.a.	F 20
S 21	1 16	16 12	1 36	5 23	1 47	11 54	1 34	23 26	1 49	25 37	1 30	6 0	2 16	24 8	0 29	21 10	0 9	18 41	12 26	22 1	22 14	18 49			n.a.	S 21
S 22	0 51	10 27	2 46	6 6	2 3	11 25	1 34	23 34	1 48	25 37	1 30	5 57	2 16	24 8	0 29	21 10	0 9	18 40	12 26	22 2	22 15	18 47			n.a.	S 22
M23	0 26	4 6	3 46	6 43	2 16	10 56	1 33	23 41	1 48	25 36	1 29	5 55	2 16	24 8	0 29	21 10	0 9	18 39	12 26	22 3	22 15	18 44			n.a.	M23
T 24	0 1	2n25	4 29	7 15	2 27	10 27	1 32	23 48	1 47	25 36	1 29	5 52	2 16	24 8	0 29	21 9	0 9	18 38	12 26	22 4	22 16	18 42			n.a.	T 24
W25	0s24	8 43	4 55	7 41	2 36	9 57	1 31	23 55	1 46	25 36	1 29	5 49	2 16	24 8	0 29	21 9	0 9	18 37	12 26	22 6	22 16	18 40			n.a.	W25
T 26	0 49	14 25	5 2	8 0	2 44	9 27	1 30	24 1	1 45	25 36	1 29	5 46	2 16	24 8	0 29	21 9	0 9	18 36	12 26	22 8	22 17	18 37			n.a.	T 26
F 27	1 14	19 14	4 51	8 14	2 49	8 57	1 29	24 7	1 45	25 36	1 29	5 44	2 16	24 8	0 29	21 9	0 9	18 35	12 26	22 10	22 17	18 35			n.a.	F 27
S 28	1 39	22 56	4 24	8 21	2 52	8 26	1 28	24 13	1 44	25 35	1 28	5 41	2 16	24 8	0 29	21 9	0 9	18 34	12 26	22 12	22 18	18 32			n.a.	S 28
S 29	2 4	25 19	3 45	8 24	2 54	7 55	1 27	24 19	1 43	25 35	1 28	5 38	2 16	24 8	0 29	21 9	0 9	18 34	12 26	22 13	22 18	18 30			n.a.	S 29
M30	2 29	26 22	2 55	8 21	2 55	7 24	1 26	24 25	1 42	25 35	1 28	5 35	2 16	24 8	0 29	21 9	0 9	18 33	12 26	22 13	22 19	18 27			n.a.	M30
T 31	2s54	26n 6	1n59	8n15	2n54	6n53	1n25	24s30	1s42	25s35	1s28	5n33	2n17	24n 8	0n29	21n 9	0s 9	18n32	12n26	22s14	22s20	18n25			n.a.	T 31

Julian Day Number = 198238.5, Delta T = 32h15m09s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'56, Lahiri = -61°14'55 Julian Calendar 1 Oct. 4171 BCE == Greg. Calendar 29 Aug. 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

NOVEMBER 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 31 10	8♎ 8'48	11♋13	16♍37	17♍28	12♐26	0♑19	21♍37	19°R 2	2°R42	12♍21	22°D12	21♑33	5♌ 4	n.a.	W 1
T 2	0 35 7	9°10'11	23° 3	17° 7	18°43	13° 8	0°26	21°44	19♊ 1	2♊41	12°23	22°R12	21°30	5°10	n.a.	T 2
F 3	0 39 3	10°11'34	4♌49	17°44	19°59	13°51	0°33	21°50	19° 1	2°40	12°25	22♑11	21°27	5°17	n.a.	F 3
S 4	0 43 0	11°12'56	16°38	18°25	21°14	14°34	0°40	21°57	19° 0	2°39	12°27	22° 9	21°24	5°24	n.a.	S 4
S 5	0 46 57	12°14'18	28°34	19°12	22°29	15°16	0°47	22° 4	19° 0	2°39	12°29	22° 4	21°21	5°30	n.a.	S 5
M 6	0 50 53	13°15'40	10♍41	20° 4	23°45	15°59	0°55	22°10	18°59	2°38	12°31	21°56	21°18	5°37	n.a.	M 6
T 7	0 54 50	14°17'01	23° 2	20°59	25° 0	16°42	1° 2	22°17	18°59	2°37	12°34	21°45	21°14	5°43	n.a.	T 7
W 8	0 58 46	15°18'21	5♎38	21°58	26°15	17°24	1°10	22°24	18°58	2°36	12°36	21°32	21°11	5°50	n.a.	W 8
T 9	1 2 43	16°19'41	18°29	23° 0	27°30	18° 7	1°18	22°30	18°57	2°35	12°38	21°18	21° 8	5°57	n.a.	T 9
F 10	1 6 40	17°21'00	1♏35	24° 5	28°46	18°50	1°26	22°37	18°57	2°34	12°40	21° 4	21° 5	6° 3	n.a.	F 10
S 11	1 10 36	18°22'18	14°54	25°12	0♎ 1	19°32	1°35	22°43	18°56	2°32	12°42	20°52	21° 2	6°10	n.a.	S 11
S 12	1 14 33	19°23'36	28°23	26°21	1°16	20°15	1°43	22°50	18°55	2°31	12°44	20°42	20°58	6°17	n.a.	S 12
M13	1 18 29	20°24'52	12♐ 2	27°33	2°32	20°58	1°52	22°56	18°54	2°30	12°46	20°35	20°55	6°23	n.a.	M13
T 14	1 22 26	21°26'07	25°48	28°47	3°47	21°40	2° 0	23° 3	18°53	2°29	12°48	20°31	20°52	6°30	n.a.	T 14
W15	1 26 22	22°27'22	9♑40	0♎ 2	5° 2	22°23	2° 9	23° 9	18°52	2°28	12°50	20°30	20°49	6°37	n.a.	W15
T 16	1 30 19	23°28'34	23°40	1°18	6°17	23° 5	2°18	23°16	18°51	2°27	12°52	20°30	20°46	6°43	n.a.	T 16
F 17	1 34 16	24°29'46	7♒46	2°36	7°32	23°48	2°27	23°22	18°50	2°25	12°54	20°29	20°43	6°50	n.a.	F 17
S 18	1 38 12	25°30'56	21°57	3°56	8°47	24°30	2°36	23°28	18°49	2°24	12°56	20°28	20°39	6°57	n.a.	S 18
S 19	1 42 9	26°32'04	6♓12	5°16	10° 3	25°13	2°46	23°34	18°47	2°23	12°57	20°23	20°36	7° 3	n.a.	S 19
M20	1 46 5	27°33'11	20°29	6°38	11°18	25°55	2°55	23°41	18°46	2°22	12°59	20°16	20°33	7°10	n.a.	M20
T 21	1 50 2	28°34'17	4♈42	8° 0	12°33	26°38	3° 5	23°47	18°45	2°20	13° 1	20° 6	20°30	7°17	n.a.	T 21
W22	1 53 58	29°35'21	18°47	9°24	13°48	27°20	3°15	23°53	18°43	2°19	13° 3	19°54	20°27	7°23	n.a.	W22
T 23	1 57 55	0♏36'25	2♉38	10°49	15° 3	28° 3	3°25	23°59	18°42	2°18	13° 5	19°41	20°23	7°30	n.a.	T 23
F 24	2 1 52	1°37'27	16°11	12°14	16°18	28°45	3°35	24° 5	18°41	2°16	13° 6	19°29	20°20	7°37	n.a.	F 24
S 25	2 5 48	2°38'27	29°24	13°40	17°33	29°27	3°45	24°11	18°39	2°15	13° 8	19°18	20°17	7°43	n.a.	S 25
S 26	2 9 45	3°39'27	12♊15	15° 8	18°48	0♑ 9	3°55	24°17	18°38	2°13	13°10	19°10	20°14	7°50	n.a.	S 26
M27	2 13 41	4°40'25	24°46	16°35	20° 3	0°52	4° 5	24°23	18°36	2°12	13°12	19° 5	20°11	7°57	n.a.	M27
T 28	2 17 38	5°41'23	6♋59	18° 4	21°18	1°34	4°16	24°29	18°34	2°11	13°13	19° 2	20° 8	8° 3	n.a.	T 28
W29	2 21 34	6°42'19	18°59	19°34	22°33	2°16	4°26	24°34	18°33	2° 9	13°15	19°D 2	20° 4	8°10	n.a.	W29
T 30	2 25 31	7♏43'13	0♌50	21♎ 4	23♎48	2♑58	4♑37	24♍40	18♊31	2♊ 8	13♍16	19♑ 2	20♑ 1	8♌16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s19	24n35	0n58	8n 4	2n52	6n22	1n24	24 s35	1 s41	25 s34	1 s28	5n30	2n17	24n 8	0n29	21n 8	0 s 9	18n31	12n26	22 s14	22 s20	18n22		n.a.
T 2	3 44	22 1	0 s 4	7 49	2 50	5 50	1 22	24 40	1 40	25 34	1 27	5 27	2 17	24 8	0 30	21 8	0 9	18 30	12 27	22 14	22 21	18 20		n.a.
F 3	4 9	18 32	1 6	7 31	2 46	5 19	1 21	24 45	1 39	25 34	1 27	5 24	2 17	24 8	0 30	21 8	0 9	18 30	12 27	22 14	22 21	18 17		n.a.
S 4	4 33	14 18	2 6	7 10	2 42	4 47	1 19	24 50	1 39	25 34	1 27	5 22	2 17	24 8	0 30	21 8	0 9	18 29	12 27	22 14	22 22	18 15		n.a.
S 5	4 58	9 30	3 0	6 47	2 37	4 15	1 18	24 54	1 38	25 34	1 27	5 19	2 17	24 8	0 30	21 8	0 9	18 28	12 27	22 15	22 22	18 12		n.a.
M 6	5 23	4 17	3 47	6 21	2 32	3 43	1 16	24 58	1 37	25 33	1 27	5 16	2 17	24 8	0 30	21 8	0 9	18 27	12 27	22 16	22 23	18 10		n.a.
T 7	5 47	1 s11	4 24	5 54	2 26	3 11	1 15	25 2	1 36	25 33	1 26	5 14	2 17	24 8	0 30	21 7	0 9	18 27	12 27	22 18	22 23	18 7		n.a.
W 8	6 11	6 41	4 49	5 24	2 20	2 38	1 13	25 5	1 36	25 33	1 26	5 11	2 17	24 8	0 30	21 7	0 9	18 26	12 27	22 20	22 24	18 5		n.a.
T 9	6 36	12 2	4 59	4 53	2 13	2 6	1 11	25 8	1 35	25 33	1 26	5 8	2 17	24 8	0 30	21 7	0 9	18 25	12 27	22 23	22 24	18 2		n.a.
F 10	7 0	16 57	4 55	4 21	2 7	1 34	1 9	25 12	1 34	25 32	1 26	5 6	2 17	24 8	0 30	21 7	0 9	18 25	12 28	22 25	22 25	18 0		n.a.
S 11	7 24	21 7	4 34	3 47	2 0	1 1	1 8	25 14	1 33	25 32	1 26	5 3	2 17	24 8	0 30	21 7	0 9	18 24	12 28	22 27	22 25	17 57		n.a.
S 12	7 48	24 13	3 58	3 12	1 53	0 29	1 6	25 17	1 32	25 32	1 25	5 1	2 17	24 8	0 30	21 6	0 9	18 23	12 28	22 28	22 26	17 55		n.a.
M13	8 12	25 58	3 8	2 36	1 45	0 s 4	1 4	25 19	1 32	25 31	1 25	4 58	2 17	24 8	0 30	21 6	0 9	18 23	12 28	22 29	22 26	17 52		n.a.
T 14	8 35	26 9	2 7	1 59	1 38	0 36	1 2	25 21	1 31	25 31	1 25	4 55	2 17	24 8	0 30	21 6	0 9	18 22	12 28	22 30	22 27	17 50		n.a.
W15	8 59	24 42	0 57	1 22	1 30	1 8	1 0	25 23	1 30	25 31	1 25	4 53	2 17	24 8	0 30	21 6	0 9	18 21	12 28	22 30	22 27	17 47		n.a.
T 16	9 22	21 42	0n17	0 44	1 23	1 41	0 58	25 25	1 29	25 30	1 25	4 50	2 17	24 8	0 30	21 6	0 9	18 21	12 29	22 30	22 28	17 45		n.a.
F 17	9 45	17 24	1 30	0 5	1 15	2 13	0 56	25 26	1 29	25 30	1 25	4 48	2 17	24 8	0 30	21 5	0 9	18 20	12 29	22 30	22 28	17 42		n.a.
S 18	10 8	12 6	2 38	0 s34	1 8	2 45	0 54	25 28	1 28	25 30	1 24	4 45	2 18	24 8	0 30	21 5	0 9	18 20	12 29	22 30	22 29	17 40		n.a.
S 19	10 31	6 9	3 36	1 14	1 0	3 18	0 52	25 29	1 27	25 29	1 24	4 43	2 18	24 8	0 30	21 5	0 9	18 19	12 29	22 31	22 29	17 37		n.a.
M20	10 54	0n 7	4 21	1 54	0 52	3 50	0 50	25 29	1 26	25 29	1 24	4 41	2 18	24 8	0 30	21 5	0 9	18 18	12 29	22 32	22 30	17 35		n.a.
T 21	11 16	6 20	4 50	2 35	0 45	4 22	0 48	25 30	1 25	25 29	1 24	4 38	2 18	24 7	0 30	21 4	0 9	18 18	12 30	22 34	22 30	17 32		n.a.
W22	11 38	12 10	5 0	3 16	0 37	4 54	0 45	25 30	1 25	25 28	1 24	4 36	2 18	24 7	0 30	21 4	0 9	18 17	12 30	22 36	22 31	17 30		n.a.
T 23	12 0	17 17	4 53	3 56	0 30	5 26	0 43	25 30	1 24	25 28	1 24	4 33	2 18	24 7	0 30	21 4	0 9	18 17	12 30	22 38	22 31	17 27		n.a.
F 24	12 22	21 25	4 29	4 38	0 22	5 58	0 41	25 30	1 23	25 27	1 23	4 31	2 18	24 7	0 30	21 4	0 9	18 16	12 30	22 39	22 32	17 24		n.a.
S 25	12 44	24 20	3 51	5 19	0 15	6 29	0 39	25 29	1 22	25 27	1 23	4 29	2 18	24 7	0 30	21 3	0 9	18 16	12 31	22 41	22 32	17 22		n.a.
S 26	13 5	25 54	3 2	6 0	0 8	7 1	0 36	25 28	1 22	25 26	1 23	4 26	2 18	24 7	0 30	21 3	0 9	18 15	12 31	22 42	22 33	17 19		n.a.
M27	13 26	26 5	2 5	6 42	0 0	7 32	0 34	25 28	1 21	25 26	1 23	4 24	2 18	24 7	0 30	21 3	0 9	18 15	12 31	22 43	22 33	17 17		n.a.
T 28	13 47	24 59	1 4	7 23	0 s 7	8 3	0 32	25 26	1 20	25 25	1 23	4 22	2 19	24 7	0 30	21 2	0 9	18 15	12 31	22 43	22 34	17 14		n.a.
W29	14 8	22 44	0 0	8 4	0 14	8 34	0 29	25 25	1 19	25 25	1 23	4 19	2 19	24 7	0 30	21 2	0 9	18 14	12 32	22 43	22 34	17 12		n.a.
T 30	14 s28	19n31	1 s 2	8 s45	0 s20	9 s 4	0n27	25 s23	1 s18	25 s24	1 s22	4n17	2n19	24n 7	0n30	21n 2	0 s 9	18n14	12n32	22 s43	22 s34	17n 9		n.a.

Julian Day Number = 198269.5, Delta T = 32h15m05s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'51, Lahiri = -61°14'51 Julian Calendar 1 Nov. 4171 BCE == Greg. Calendar 29 Sept. 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4171 BCE
geocentric

DECEMBER 4171 BCE (-4170) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 29 28	8♏44'07	12♌38	22♎35	25♎ 3	3♑41	4♑48	24♍46	18°R29	2°R 6	13♍18	19°R 2	19♑58	8♌23	n.a.	F 1
S 2	2 33 24	9°44'59	24°28	24° 7	26°18	4°23	4°58	24°51	18♊27	2♊ 5	13°20	19♑ 1	19°55	8°30	n.a.	S 2
S 3	2 37 21	10°45'50	6♍26	25°39	27°33	5° 5	5° 9	24°57	18°25	2° 3	13°21	18°58	19°52	8°36	n.a.	S 3
M 4	2 41 17	11°46'39	18°37	27°12	28°48	5°47	5°20	25° 2	18°24	2° 2	13°23	18°52	19°49	8°43	n.a.	M 4
T 5	2 45 14	12°47'27	1♎ 4	28°46	0♏ 3	6°29	5°32	25° 8	18°22	2° 0	13°24	18°44	19°45	8°50	n.a.	T 5
W 6	2 49 10	13°48'13	13°50	0♏21	1°18	7°11	5°43	25°13	18°20	1°58	13°26	18°33	19°42	8°56	n.a.	W 6
T 7	2 53 7	14°48'58	26°56	1°56	2°33	7°53	5°54	25°19	18°18	1°57	13°27	18°22	19°39	9° 3	n.a.	T 7
F 8	2 57 4	15°49'42	10♏22	3°33	3°48	8°35	6° 6	25°24	18°16	1°55	13°28	18°10	19°36	9°10	n.a.	F 8
S 9	3 1 0	16°50'24	24° 4	5°10	5° 2	9°17	6°17	25°29	18°14	1°54	13°30	18° 0	19°33	9°16	n.a.	S 9
S 10	3 4 57	17°51'03	8♐ 0	6°48	6°17	9°59	6°29	25°34	18°11	1°52	13°31	17°52	19°29	9°23	n.a.	S 10
M11	3 8 53	18°51'42	22° 4	8°26	7°32	10°41	6°41	25°39	18° 9	1°50	13°32	17°47	19°26	9°30	n.a.	M11
T 12	3 12 50	19°52'18	6♑14	10° 6	8°47	11°23	6°52	25°44	18° 7	1°49	13°34	17°44	19°23	9°36	n.a.	T 12
W13	3 16 46	20°52'52	20°26	11°46	10° 2	12° 5	7° 4	25°49	18° 5	1°47	13°35	17°D44	19°20	9°43	n.a.	W13
T 14	3 20 43	21°53'24	4♒37	13°28	11°16	12°47	7°16	25°54	18° 3	1°46	13°36	17°44	19°17	9°50	n.a.	T 14
F 15	3 24 40	22°53'53	18°45	15°10	12°31	13°29	7°28	25°59	18° 0	1°44	13°37	17°R45	19°14	9°56	n.a.	F 15
S 16	3 28 36	23°54'20	2♓50	16°53	13°46	14°10	7°41	26° 4	17°58	1°42	13°38	17°45	19°10	10° 3	n.a.	S 16
S 17	3 32 33	24°54'45	16°50	18°37	15° 1	14°52	7°53	26° 8	17°56	1°41	13°39	17°42	19° 7	10°10	n.a.	S 17
M18	3 36 29	25°55'08	0♈44	20°22	16°15	15°34	8° 5	26°13	17°53	1°39	13°40	17°38	19° 4	10°16	n.a.	M18
T 19	3 40 26	26°55'28	14°30	22° 7	17°30	16°16	8°17	26°18	17°51	1°37	13°41	17°31	19° 1	10°23	n.a.	T 19
W20	3 44 22	27°55'47	28° 7	23°54	18°44	16°57	8°30	26°22	17°49	1°36	13°42	17°23	18°58	10°30	n.a.	W20
T 21	3 48 19	28°56'03	11♉31	25°42	19°59	17°39	8°42	26°26	17°46	1°34	13°43	17°15	18°55	10°36	n.a.	T 21
F 22	3 52 15	29°56'17	24°42	27°30	21°14	18°20	8°55	26°31	17°44	1°32	13°44	17° 6	18°51	10°43	n.a.	F 22
S 23	3 56 12	0♐56'29	7♊37	29°20	22°28	19° 2	9° 8	26°35	17°41	1°31	13°45	16°59	18°48	10°50	n.a.	S 23
S 24	4 0 9	1°56'39	20°16	1♐10	23°43	19°43	9°20	26°39	17°39	1°29	13°46	16°54	18°45	10°56	n.a.	S 24
M25	4 4 5	2°56'47	2♋39	3° 2	24°57	20°25	9°33	26°43	17°36	1°27	13°47	16°50	18°42	11° 3	n.a.	M25
T 26	4 8 2	3°56'53	14°49	4°54	26°12	21° 6	9°46	26°47	17°34	1°26	13°48	16°D49	18°39	11°10	n.a.	T 26
W27	4 11 58	4°56'57	26°47	6°47	27°27	21°48	9°59	26°51	17°31	1°24	13°48	16°50	18°35	11°16	n.a.	W27
T 28	4 15 55	5°56'59	8♌38	8°41	28°41	22°29	10°12	26°55	17°29	1°22	13°49	16°51	18°32	11°23	n.a.	T 28
F 29	4 19 51	6°56'59	20°27	10°36	29°56	23°11	10°25	26°59	17°26	1°21	13°50	16°53	18°29	11°30	n.a.	F 29
S 30	4 23 48	7°56'57	2♍18	12°31	1♐10	23°52	10°38	27° 3	17°24	1°19	13°51	16°54	18°26	11°36	n.a.	S 30
S 31	4 27 45	8♐56'53	14♍16	14♐26	2♐25	24♑33	10♑51	27♍ 6	17♊21	1♊17	13♍51	16°R54	18♑23	11♌43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s49	15n33	2s 2	9s27	0s27	9s35	0n25	25s21	1s18	25s24	1s22	4n15	2n19	24n 6	0n31	21n 2	0s 9	18n13	12n32	22s43	22s35	17n 7		n.a.
S 2	15 9	10 58	2 57	10 8	0 34	10 5	0 22	25 19	1 17	25 23	1 22	4 13	2 19	24 6	0 31	21 1	0 9	18 13	12 32	22 43	22 35	17 4		n.a.
S 3	15 28	5 56	3 44	10 48	0 40	10 35	0 20	25 17	1 16	25 23	1 22	4 11	2 19	24 6	0 31	21 1	0 9	18 13	12 33	22 44	22 36	17 1		n.a.
M 4	15 48	0 37	4 22	11 29	0 46	11 5	0 18	25 14	1 15	25 22	1 22	4 9	2 19	24 6	0 31	21 1	0 9	18 12	12 33	22 45	22 36	16 59		n.a.
T 5	16 7	4s50	4 49	12 9	0 52	11 34	0 15	25 11	1 15	25 21	1 22	4 6	2 19	24 6	0 31	21 0	0 9	18 12	12 33	22 46	22 37	16 56		n.a.
W 6	16 26	10 13	5 2	12 49	0 58	12 3	0 13	25 8	1 14	25 21	1 22	4 4	2 20	24 6	0 31	21 0	0 9	18 12	12 33	22 47	22 37	16 54		n.a.
T 7	16 44	15 18	5 0	13 28	1 4	12 32	0 10	25 5	1 13	25 20	1 22	4 2	2 20	24 6	0 31	21 0	0 9	18 11	12 34	22 49	22 38	16 51		n.a.
F 8	17 2	19 46	4 41	14 8	1 9	13 1	0 8	25 2	1 12	25 20	1 21	4 0	2 20	24 5	0 31	20 59	0 9	18 11	12 34	22 51	22 38	16 48		n.a.
S 9	17 20	23 17	4 6	14 46	1 14	13 29	0 6	24 58	1 11	25 19	1 21	3 58	2 20	24 5	0 31	20 59	0 9	18 11	12 34	22 52	22 39	16 46		n.a.
S 10	17 38	25 28	3 16	15 24	1 19	13 57	0 3	24 54	1 11	25 18	1 21	3 56	2 20	24 5	0 31	20 59	0 9	18 10	12 35	22 53	22 39	16 43		n.a.
M11	17 55	26 5	2 13	16 2	1 24	14 24	0 1	24 50	1 10	25 17	1 21	3 54	2 20	24 5	0 31	20 58	0 9	18 10	12 35	22 54	22 40	16 41		n.a.
T 12	18 12	24 59	1 1	16 39	1 28	14 51	0s 2	24 45	1 9	25 17	1 21	3 53	2 20	24 5	0 31	20 58	0 9	18 10	12 35	22 54	22 40	16 38		n.a.
W13	18 29	22 16	0n15	17 15	1 32	15 18	0 4	24 41	1 8	25 16	1 21	3 51	2 21	24 5	0 31	20 58	0 9	18 10	12 36	22 54	22 41	16 35		n.a.
T 14	18 45	18 12	1 29	17 51	1 36	15 44	0 6	24 36	1 8	25 15	1 21	3 49	2 21	24 4	0 31	20 57	0 9	18 10	12 36	22 54	22 41	16 33		n.a.
F 15	19 1	13 7	2 39	18 25	1 40	16 10	0 9	24 31	1 7	25 14	1 21	3 47	2 21	24 4	0 31	20 57	0 9	18 9	12 36	22 54	22 42	16 30		n.a.
S 16	19 17	7 23	3 38	18 59	1 43	16 35	0 11	24 26	1 6	25 13	1 20	3 45	2 21	24 4	0 31	20 57	0 9	18 9	12 37	22 54	22 42	16 28		n.a.
S 17	19 32	1 19	4 24	19 32	1 46	17 0	0 13	24 20	1 5	25 13	1 20	3 43	2 21	24 4	0 31	20 56	0 8	18 9	12 37	22 54	22 42	16 25		n.a.
M18	19 47	4n46	4 54	20 4	1 48	17 25	0 16	24 15	1 4	25 12	1 20	3 42	2 21	24 4	0 31	20 56	0 8	18 9	12 37	22 55	22 43	16 22		n.a.
T 19	20 1	10 33	5 6	20 35	1 50	17 49	0 18	24 9	1 4	25 11	1 20	3 40	2 21	24 3	0 31	20 56	0 8	18 9	12 38	22 56	22 43	16 20		n.a.
W20	20 15	15 46	5 1	21 5	1 52	18 13	0 20	24 3	1 3	25 10	1 20	3 38	2 22	24 3	0 31	20 55	0 8	18 9	12 38	22 57	22 44	16 17		n.a.
T 21	20 29	20 8	4 40	21 33	1 53	18 36	0 23	23 56	1 2	25 9	1 20	3 37	2 22	24 3	0 31	20 55	0 8	18 9	12 38	22 58	22 44	16 14		n.a.
F 22	20 42	23 25	4 4	22 0	1 54	18 58	0 25	23 50	1 1	25 8	1 20	3 35	2 22	24 3	0 31	20 55	0 8	18 9	12 38	22 59	22 45	16 12		n.a.
S 23	20 55	25 25	3 16	22 26	1 54	19 20	0 27	23 43	1 1	25 7	1 20	3 33	2 22	24 3	0 31	20 54	0 8	18 9	12 39	23 0	22 45	16 9		n.a.
S 24	21 8	26 3	2 19	22 50	1 54	19 42	0 29	23 36	1 0	25 6	1 20	3 32	2 22	24 2	0 31	20 54	0 8	18 8	12 39	23 1	22 46	16 7		n.a.
M25	21 20	25 21	1 16	23 13	1 54	20 3	0 31	23 29	0 59	25 5	1 20	3 30	2 22	24 2	0 31	20 54	0 8	18 8	12 40	23 1	22 46	16 4		n.a.
T 26	21 32	23 27	0 11	23 33	1 52	20 23	0 34	23 22	0 58	25 4	1 20	3 29	2 23	24 2	0 31	20 53	0 8	18 8	12 40	23 1	22 47	16 1		n.a.
W27	21 43	20 31	0s54	23 52	1 51	20 43	0 36	23 14	0 58	25 3	1 19	3 27	2 23	24 2	0 31	20 53	0 8	18 8	12 40	23 1	22 47	15 59		n.a.
T 28	21 54	16 45	1 56	24 9	1 48	21 3	0 38	23 7	0 57	25 2	1 19	3 26	2 23	24 1	0 31	20 53	0 8	18 8	12 41	23 1	22 47	15 56		n.a.
F 29	22 5	12 21	2 53	24 24	1 46	21 21	0 40	22 59	0 56	25 1	1 19	3 25	2 23	24 1	0 31	20 52	0 8	18 8	12 41	23 1	22 48	15 53		n.a.
S 30	22 15	7 30	3 42	24 37	1 42	21 39	0 42	22 51	0 55	25 0	1 19	3 23	2 23	24 1	0 31	20 52	0 8	18 9	12 41	23 1	22 48	15 51		n.a.
S 31	22s25	2n20	4s23	24s48	1s38	21s57	0s44	22s43	0s55	24s58	1s19	3n22	2n24	24n 1	0n31	20n52	0s 8	18n 9	12n42	23s 1	22s49	15n48		n.a.

Julian Day Number = 198299.5, Delta T = 32h15m02s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'47, Lahiri = -61°14'47 Julian Calendar 1 Dec. 4171 BCE == Greg. Calendar 29 Oct. 4171 BCE

The year -4170 astronomical counting style corresponds to year 4171 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

JANUARY 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 31 41	9♐56'47	26♍27	16♐22	3♐39	25♑15	11♑ 4	27♍10	17°R19	1°R16	13♍52	16°R53	18♑20	11♌49	n.a.	M 1
T 2	4 35 38	10°56'39	8♎54	18°18	4°54	25°56	11°17	27°13	17♊16	1♊14	13°52	16♑49	18°16	11°56	n.a.	T 2
W 3	4 39 34	11°56'29	21°43	20°15	6° 8	26°37	11°31	27°17	17°14	1°12	13°53	16°45	18°13	12° 3	n.a.	W 3
T 4	4 43 31	12°56'18	4♏54	22°10	7°22	27°18	11°44	27°20	17°11	1°11	13°53	16°40	18°10	12° 9	n.a.	T 4
F 5	4 47 27	13°56'04	18°30	24° 6	8°37	27°59	11°58	27°23	17° 8	1° 9	13°54	16°34	18° 7	12°16	n.a.	F 5
S 6	4 51 24	14°55'48	2♐27	26° 0	9°51	28°40	12°11	27°26	17° 6	1° 7	13°54	16°29	18° 4	12°23	n.a.	S 6
S 7	4 55 20	15°55'30	16°44	27°54	11° 6	29°22	12°24	27°29	17° 3	1° 6	13°55	16°25	18° 1	12°29	n.a.	S 7
M 8	4 59 17	16°55'10	1♑14	29°45	12°20	0♒ 3	12°38	27°32	17° 0	1° 4	13°55	16°23	17°57	12°36	n.a.	M 8
T 9	5 3 13	17°54'48	15°51	1♑35	13°34	0°44	12°52	27°35	16°58	1° 3	13°55	16°D22	17°54	12°43	n.a.	T 9
W10	5 7 10	18°54'23	0♒29	3°23	14°49	1°25	13° 5	27°38	16°55	1° 1	13°56	16°23	17°51	12°49	n.a.	W10
T 11	5 11 7	19°53'55	15° 3	5° 7	16° 3	2° 6	13°19	27°40	16°53	0°59	13°56	16°24	17°48	12°56	n.a.	T 11
F 12	5 15 3	20°53'25	29°27	6°48	17°17	2°47	13°33	27°43	16°50	0°58	13°56	16°26	17°45	13° 3	n.a.	F 12
S 13	5 19 0	21°52'52	13♓39	8°25	18°32	3°28	13°46	27°45	16°47	0°56	13°56	16°27	17°41	13° 9	n.a.	S 13
S 14	5 22 56	22°52'17	27°38	9°58	19°46	4° 8	14° 0	27°48	16°45	0°55	13°56	16°R27	17°38	13°16	n.a.	S 14
M15	5 26 53	23°51'39	11♈21	11°26	21° 0	4°49	14°14	27°50	16°42	0°53	13°57	16°26	17°35	13°23	n.a.	M15
T 16	5 30 49	24°50'58	24°50	12°49	22°15	5°30	14°28	27°52	16°40	0°52	13°57	16°24	17°32	13°29	n.a.	T 16
W17	5 34 46	25°50'15	8♉ 5	14° 6	23°29	6°11	14°41	27°54	16°37	0°50	13°57	16°21	17°29	13°36	n.a.	W17
T 18	5 38 42	26°49'30	21° 6	15°17	24°43	6°52	14°55	27°56	16°35	0°49	13°R57	16°18	17°26	13°43	n.a.	T 18
F 19	5 42 39	27°48'42	3♊53	16°21	25°57	7°32	15° 9	27°58	16°32	0°47	13°57	16°15	17°22	13°49	n.a.	F 19
S 20	5 46 35	28°47'52	16°27	17°19	27°12	8°13	15°23	28° 0	16°29	0°46	13°57	16°13	17°19	13°56	n.a.	S 20
S 21	5 50 32	29°46'59	28°49	18°10	28°26	8°54	15°37	28° 2	16°27	0°44	13°57	16°11	17°16	14° 3	n.a.	S 21
M22	5 54 28	0♑46'04	11♋ 0	18°53	29°40	9°34	15°51	28° 4	16°24	0°43	13°56	16°D10	17°13	14° 9	n.a.	M22
T 23	5 58 25	1°45'07	23° 2	19°30	0♑54	10°15	16° 5	28° 5	16°22	0°42	13°56	16°11	17°10	14°16	n.a.	T 23
W24	6 2 22	2°44'07	4♌57	19°58	2° 8	10°55	16°19	28° 7	16°19	0°40	13°56	16°11	17° 7	14°23	n.a.	W24
T 25	6 6 18	3°43'05	16°47	20°19	3°22	11°36	16°33	28° 8	16°17	0°39	13°56	16°12	17° 3	14°29	n.a.	T 25
F 26	6 10 15	4°42'02	28°36	20°33	4°37	12°16	16°47	28° 9	16°15	0°38	13°56	16°14	17° 0	14°36	n.a.	F 26
S 27	6 14 11	5°40'56	10♍27	20°R39	5°51	12°57	17° 1	28°10	16°12	0°36	13°55	16°15	16°57	14°43	n.a.	S 27
S 28	6 18 8	6°39'48	22°25	20°38	7° 5	13°37	17°16	28°12	16°10	0°35	13°55	16°15	16°54	14°49	n.a.	S 28
M29	6 22 4	7°38'38	4♎35	20°29	8°19	14°18	17°30	28°12	16° 7	0°34	13°55	16°R16	16°51	14°56	n.a.	M29
T 30	6 26 1	8°37'26	17° 0	20°14	9°33	14°58	17°44	28°13	16° 5	0°32	13°54	16°16	16°47	15° 3	n.a.	T 30
W31	6 29 57	9♑36'12	29♎45	19♑53	10♑47	15♒38	17♑58	28♍14	16♊ 3	0♊31	13♍54	16♑15	16♑44	15♌ 9	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	22s34	3s 0	4s52	24s56	1s33	22s14	0s46	22s34	0s54	24s57	1s19	3n21	2n24	24n 0	0n31	20n51	0s 8	18n 9	12n42	23s 1	22s49	15n45			n.a.
T 2	22 43	8 20	5 9	25 2	1 27	22 30	0 48	22 26	0 53	24 56	1 19	3 20	2 24	24 0	0 31	20 51	0 8	18 9	12 42	23 1	22 50	15 43			n.a.
W 3	22 51	13 28	5 10	25 6	1 21	22 45	0 50	22 17	0 52	24 55	1 19	3 18	2 24	24 0	0 31	20 51	0 8	18 9	12 43	23 2	22 50	15 40			n.a.
T 4	22 59	18 9	4 56	25 7	1 14	23 0	0 51	22 8	0 52	24 53	1 19	3 17	2 24	24 0	0 31	20 50	0 8	18 9	12 43	23 3	22 51	15 37			n.a.
F 5	23 7	22 3	4 25	25 5	1 6	23 14	0 53	21 59	0 51	24 52	1 19	3 16	2 25	24 0	0 31	20 50	0 8	18 9	12 43	23 3	22 51	15 35			n.a.
S 6	23 14	24 47	3 37	25 1	0 58	23 28	0 55	21 49	0 50	24 51	1 19	3 15	2 25	23 59	0 31	20 50	0 8	18 9	12 44	23 4	22 51	15 32			n.a.
S 7	23 21	26 0	2 35	24 55	0 49	23 40	0 57	21 40	0 49	24 49	1 19	3 14	2 25	23 59	0 31	20 49	0 8	18 9	12 44	23 4	22 52	15 29			n.a.
M 8	23 27	25 29	1 22	24 46	0 39	23 52	0 58	21 30	0 49	24 48	1 19	3 13	2 25	23 59	0 31	20 49	0 8	18 10	12 44	23 5	22 52	15 27			n.a.
T 9	23 33	23 11	0 3	24 34	0 28	24 4	1 0	21 20	0 48	24 47	1 19	3 12	2 25	23 59	0 31	20 49	0 8	18 10	12 45	23 5	22 53	15 24			n.a.
W10	23 38	19 22	1n17	24 21	0 17	24 14	1 2	21 10	0 47	24 45	1 19	3 11	2 26	23 58	0 31	20 49	0 8	18 10	12 45	23 5	22 53	15 21			n.a.
T 11	23 43	14 23	2 31	24 6	0 5	24 24	1 3	21 0	0 46	24 44	1 19	3 10	2 26	23 58	0 31	20 48	0 8	18 10	12 45	23 5	22 54	15 19			n.a.
F 12	23 47	8 38	3 35	23 49	0n 8	24 34	1 5	20 50	0 46	24 42	1 19	3 9	2 26	23 58	0 31	20 48	0 8	18 10	12 46	23 4	22 54	15 16			n.a.
S 13	23 51	2 33	4 25	23 30	0 20	24 42	1 6	20 39	0 45	24 41	1 19	3 8	2 26	23 57	0 31	20 48	0 8	18 11	12 46	23 4	22 54	15 13			n.a.
S 14	23 55	3n34	4 58	23 10	0 34	24 50	1 7	20 29	0 44	24 39	1 18	3 8	2 26	23 57	0 31	20 47	0 8	18 11	12 46	23 4	22 55	15 10			n.a.
M15	23 58	9 24	5 14	22 49	0 48	24 57	1 9	20 18	0 43	24 38	1 18	3 7	2 27	23 57	0 31	20 47	0 8	18 11	12 47	23 4	22 55	15 8			n.a.
T 16	24 1	14 41	5 11	22 27	1 2	25 3	1 10	20 7	0 43	24 36	1 18	3 6	2 27	23 57	0 31	20 47	0 8	18 12	12 47	23 5	22 56	15 5			n.a.
W17	24 3	19 11	4 53	22 5	1 16	25 8	1 11	19 56	0 42	24 35	1 18	3 5	2 27	23 56	0 31	20 46	0 8	18 12	12 48	23 5	22 56	15 2			n.a.
T 18	24 4	22 41	4 19	21 43	1 30	25 13	1 12	19 45	0 41	24 33	1 18	3 5	2 27	23 56	0 31	20 46	0 8	18 12	12 48	23 5	22 57	15 0			n.a.
F 19	24 6	25 0	3 33	21 21	1 45	25 17	1 13	19 33	0 41	24 31	1 18	3 4	2 27	23 56	0 31	20 46	0 8	18 12	12 48	23 6	22 57	14 57			n.a.
S 20	24 6	26 0	2 37	21 0	1 59	25 20	1 15	19 22	0 40	24 30	1 18	3 4	2 28	23 56	0 31	20 45	0 8	18 13	12 49	23 6	22 57	14 54			n.a.
S 21	24 7	25 41	1 35	20 39	2 13	25 22	1 16	19 10	0 39	24 28	1 18	3 3	2 28	23 55	0 31	20 45	0 8	18 13	12 49	23 6	22 58	14 52			n.a.
M22	24 7	24 7	0 29	20 20	2 26	25 23	1 17	18 58	0 38	24 26	1 18	3 3	2 28	23 55	0 31	20 45	0 8	18 13	12 49	23 6	22 58	14 49			n.a.
T 23	24 6	21 28	0s38	20 2	2 39	25 24	1 17	18 46	0 38	24 25	1 18	3 2	2 28	23 55	0 31	20 45	0 8	18 14	12 50	23 6	22 59	14 46			n.a.
W24	24 5	17 55	1 42	19 45	2 52	25 24	1 18	18 34	0 37	24 23	1 18	3 2	2 28	23 55	0 31	20 44	0 8	18 14	12 50	23 6	22 59	14 43			n.a.
T 25	24 3	13 41	2 42	19 31	3 3	25 23	1 19	18 22	0 36	24 21	1 18	3 1	2 29	23 54	0 31	20 44	0 8	18 15	12 50	23 6	23 0	14 41			n.a.
F 26	24 2	8 57	3 34	19 18	3 14	25 22	1 20	18 10	0 36	24 19	1 18	3 1	2 29	23 54	0 31	20 44	0 8	18 15	12 51	23 6	23 0	14 38			n.a.
S 27	23 59	3 54	4 18	19 7	3 24	25 19	1 20	17 57	0 35	24 17	1 18	3 1	2 29	23 54	0 31	20 44	0 8	18 15	12 51	23 6	23 0	14 35			n.a.
S 28	23 56	1s20	4 50	18 59	3 33	25 16	1 21	17 45	0 34	24 16	1 18	3 1	2 29	23 54	0 31	20 43	0 8	18 16	12 51	23 6	23 1	14 33			n.a.
M29	23 53	6 36	5 11	18 53	3 40	25 12	1 22	17 32	0 33	24 14	1 18	3 0	2 30	23 53	0 31	20 43	0 8	18 16	12 52	23 6	23 1	14 30			n.a.
T 30	23 49	11 43	5 17	18 49	3 46	25 7	1 22	17 19	0 33	24 12	1 18	3 0	2 30	23 53	0 31	20 43	0 8	18 17	12 52	23 6	23 2	14 27			n.a.
W31	23s45	16s29	5s 9	18s47	3n51	25s 2	1s23	17s 6	0s32	24s10	1s18	3n 0	2n30	23n53	0n31	20n42	0s 8	18n17	12n52	23s 6	23s 2	14n24			n.a.

Julian Day Number = 198330.5, Delta T = 32h14m59s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'43, Lahiri = -61°14'43 Julian Calendar 1 Jan. 4170 BCE == Greg. Calendar 29 Nov. 4171 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

FEBRUARY 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 33 54	10♉34'57	12♏54	19°R26	12♉ 1	16♒19	18♉12	28♍15	16°R 0	0°R30	13°R53	16°R15	16♉41	15♌16	n.a.	T 1
F 2	6 37 50	11°33'39	26°28	18♉54	13°15	16°59	18°26	28°15	15♊58	0♊29	13♍53	16♉14	16°38	15°23	n.a.	F 2
S 3	6 41 47	12°32'19	10♐29	18°18	14°29	17°39	18°41	28°16	15°56	0°28	13°52	16°14	16°35	15°29	n.a.	S 3
S 4	6 45 43	13°30'58	24°53	17°37	15°43	18°19	18°55	28°16	15°54	0°26	13°52	16°13	16°32	15°36	n.a.	S 4
M 5	6 49 40	14°29'34	9♉37	16°54	16°57	18°59	19° 9	28°17	15°51	0°25	13°51	16°D13	16°28	15°43	n.a.	M 5
T 6	6 53 36	15°28'08	24°34	16° 9	18°11	19°40	19°23	28°17	15°49	0°24	13°51	16°13	16°25	15°49	n.a.	T 6
W 7	6 57 33	16°26'40	9♒36	15°23	19°25	20°20	19°37	28°17	15°47	0°23	13°50	16°R13	16°22	15°56	n.a.	W 7
T 8	7 1 30	17°25'10	24°33	14°37	20°39	21° 0	19°52	28°R17	15°45	0°22	13°49	16°13	16°19	16° 3	n.a.	T 8
F 9	7 5 26	18°23'37	9♓19	13°51	21°53	21°40	20° 6	28°17	15°43	0°21	13°49	16°13	16°16	16° 9	n.a.	F 9
S 10	7 9 23	19°22'02	23°48	13° 7	23° 7	22°20	20°20	28°17	15°41	0°20	13°48	16°13	16°13	16°16	n.a.	S 10
S 11	7 13 19	20°20'24	7♈56	12°25	24°21	23° 0	20°34	28°16	15°39	0°19	13°47	16°12	16° 9	16°23	n.a.	S 11
M12	7 17 16	21°18'45	21°41	11°46	25°35	23°40	20°48	28°16	15°37	0°18	13°46	16°D12	16° 6	16°29	n.a.	M12
T 13	7 21 12	22°17'02	5♉ 5	11°10	26°49	24°20	21° 3	28°16	15°35	0°17	13°45	16°12	16° 3	16°36	n.a.	T 13
W14	7 25 9	23°15'18	18° 8	10°39	28° 3	25° 0	21°17	28°15	15°33	0°16	13°45	16°13	16° 0	16°43	n.a.	W14
T 15	7 29 5	24°13'31	0♊53	10°11	29°17	25°40	21°31	28°14	15°31	0°16	13°44	16°14	15°57	16°49	n.a.	T 15
F 16	7 33 2	25°11'42	13°23	9°49	0♒31	26°20	21°45	28°14	15°29	0°15	13°43	16°14	15°53	16°56	n.a.	F 16
S 17	7 36 58	26° 9'51	25°40	9°31	1°45	26°59	22° 0	28°13	15°28	0°14	13°42	16°15	15°50	17° 3	n.a.	S 17
S 18	7 40 55	27° 7'57	7♋47	9°18	2°59	27°39	22°14	28°12	15°26	0°13	13°41	16°16	15°47	17° 9	n.a.	S 18
M19	7 44 51	28° 6'02	19°47	9°10	4°13	28°19	22°28	28°11	15°24	0°13	13°40	16°R16	15°44	17°16	n.a.	M19
T 20	7 48 48	29° 4'04	1♌41	9°D 7	5°26	28°59	22°42	28°10	15°22	0°12	13°39	16°15	15°41	17°23	n.a.	T 20
W21	7 52 44	0♒ 2'05	13°32	9° 9	6°40	29°38	22°56	28° 8	15°21	0°11	13°38	16°14	15°38	17°29	n.a.	W21
T 22	7 56 41	1° 0'04	25°21	9°16	7°54	0♓18	23°10	28° 7	15°19	0°11	13°37	16°12	15°34	17°36	n.a.	T 22
F 23	8 0 38	1°58'01	7♍11	9°28	9° 8	0°58	23°24	28° 6	15°18	0°10	13°36	16°10	15°31	17°43	n.a.	F 23
S 24	8 4 34	2°55'56	19° 5	9°45	10°22	1°37	23°39	28° 4	15°16	0° 9	13°35	16° 8	15°28	17°49	n.a.	S 24
S 25	8 8 31	3°53'50	1♎ 6	10° 6	11°35	2°17	23°53	28° 3	15°15	0° 9	13°34	16° 5	15°25	17°56	n.a.	S 25
M26	8 12 27	4°51'41	13°16	10°32	12°49	2°56	24° 7	28° 1	15°13	0° 8	13°32	16° 3	15°22	18° 3	n.a.	M26
T 27	8 16 24	5°49'32	25°41	11° 2	14° 3	3°36	24°21	27°59	15°12	0° 8	13°31	16° 2	15°18	18° 9	n.a.	T 27
W28	8 20 20	6♒47'21	8♏22	11♉36	15♒17	4♓16	24♉35	27♍57	15♊11	0♊ 7	13♍30	16°D 2	15♉15	18♌16	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s41	20s38	4s44	18s48	3n54	24s56	1s23	16s53	0s31	24s 8	1s18	3n 0	2n30	23n53	0n31	20n42	0s 8	18n18	12n53	23s 6	23s 2	14n22		n.a.
F 2	23 36	23 50	4 3	18 52	3 55	24 49	1 23	16 40	0 31	24 6	1 18	3 0	2 30	23 52	0 31	20 42	0 8	18 18	12 53	23 6	23 3	14 19		n.a.
S 3	23 30	25 43	3 6	18 57	3 55	24 41	1 23	16 27	0 30	24 4	1 18	3 0	2 31	23 52	0 31	20 42	0 8	18 19	12 53	23 6	23 3	14 16		n.a.
S 4	23 24	25 56	1 56	19 4	3 53	24 33	1 24	16 14	0 29	24 2	1 18	3 0	2 31	23 52	0 31	20 42	0 8	18 19	12 53	23 6	23 4	14 13		n.a.
M 5	23 18	24 22	0 37	19 13	3 49	24 23	1 24	16 0	0 29	24 0	1 18	3 0	2 31	23 52	0 31	20 41	0 8	18 20	12 54	23 6	23 4	14 11		n.a.
T 6	23 11	21 3	0n46	19 24	3 44	24 13	1 24	15 47	0 28	23 58	1 18	3 0	2 31	23 51	0 31	20 41	0 8	18 20	12 54	23 6	23 4	14 8		n.a.
W 7	23 4	16 20	2 6	19 37	3 37	24 3	1 24	15 33	0 27	23 56	1 18	3 0	2 31	23 51	0 31	20 41	0 8	18 21	12 54	23 6	23 5	14 5		n.a.
T 8	22 56	10 37	3 17	19 50	3 28	23 51	1 24	15 19	0 27	23 53	1 18	3 1	2 32	23 51	0 31	20 41	0 8	18 21	12 55	23 6	23 5	14 2		n.a.
F 9	22 49	4 23	4 14	20 5	3 19	23 39	1 24	15 5	0 26	23 51	1 18	3 1	2 32	23 51	0 31	20 40	0 8	18 22	12 55	23 6	23 6	14 0		n.a.
S 10	22 40	1n57	4 54	20 20	3 8	23 26	1 23	14 51	0 25	23 49	1 19	3 1	2 32	23 50	0 31	20 40	0 8	18 22	12 55	23 6	23 6	13 57		n.a.
S 11	22 31	8 1	5 14	20 36	2 55	23 13	1 23	14 37	0 25	23 47	1 19	3 1	2 32	23 50	0 31	20 40	0 8	18 23	12 56	23 6	23 6	13 54		n.a.
M12	22 22	13 32	5 16	20 53	2 42	22 59	1 23	14 23	0 24	23 45	1 19	3 2	2 32	23 50	0 31	20 40	0 8	18 24	12 56	23 6	23 7	13 51		n.a.
T 13	22 13	18 17	5 1	21 10	2 28	22 44	1 22	14 9	0 23	23 43	1 19	3 2	2 33	23 50	0 31	20 40	0 8	18 24	12 56	23 6	23 7	13 49		n.a.
W14	22 3	22 1	4 30	21 27	2 14	22 28	1 22	13 54	0 23	23 40	1 19	3 2	2 33	23 50	0 31	20 40	0 8	18 25	12 56	23 6	23 8	13 46		n.a.
T 15	21 52	24 36	3 46	21 44	1 59	22 12	1 21	13 40	0 22	23 38	1 19	3 3	2 33	23 49	0 31	20 39	0 7	18 25	12 57	23 6	23 8	13 43		n.a.
F 16	21 42	25 54	2 53	22 1	1 44	21 55	1 21	13 25	0 21	23 36	1 19	3 3	2 33	23 49	0 31	20 39	0 7	18 26	12 57	23 6	23 8	13 40		n.a.
S 17	21 31	25 54	1 52	22 17	1 29	21 38	1 20	13 11	0 21	23 33	1 19	3 4	2 33	23 49	0 31	20 39	0 7	18 26	12 57	23 6	23 9	13 38		n.a.
S 18	21 19	24 39	0 47	22 34	1 13	21 20	1 20	12 56	0 20	23 31	1 19	3 5	2 34	23 49	0 31	20 39	0 7	18 27	12 57	23 6	23 9	13 35		n.a.
M19	21 7	22 17	0s19	22 49	0 58	21 1	1 19	12 41	0 19	23 29	1 19	3 5	2 34	23 48	0 31	20 39	0 7	18 28	12 58	23 6	23 9	13 32		n.a.
T 20	20 55	18 59	1 24	23 4	0 43	20 42	1 18	12 27	0 19	23 26	1 19	3 6	2 34	23 48	0 31	20 39	0 7	18 28	12 58	23 6	23 10	13 29		n.a.
W21	20 43	14 55	2 25	23 19	0 29	20 22	1 17	12 12	0 18	23 24	1 19	3 6	2 34	23 48	0 31	20 39	0 7	18 29	12 58	23 6	23 10	13 26		n.a.
T 22	20 30	10 18	3 20	23 33	0 14	20 2	1 16	11 57	0 17	23 22	1 19	3 7	2 34	23 48	0 31	20 38	0 7	18 30	12 58	23 6	23 11	13 24		n.a.
F 23	20 17	5 20	4 6	23 46	0 0	19 41	1 15	11 42	0 17	23 19	1 19	3 8	2 35	23 48	0 31	20 38	0 7	18 30	12 58	23 6	23 11	13 21		n.a.
S 24	20 3	0 9	4 41	23 58	0s13	19 20	1 14	11 27	0 16	23 17	1 19	3 9	2 35	23 48	0 31	20 38	0 7	18 31	12 59	23 7	23 11	13 18		n.a.
S 25	19 49	5s 5	5 5	24 9	0 26	18 58	1 13	11 12	0 15	23 14	1 19	3 9	2 35	23 47	0 31	20 38	0 7	18 32	12 59	23 7	23 12	13 15		n.a.
M26	19 35	10 12	5 15	24 19	0 38	18 35	1 12	10 56	0 15	23 12	1 19	3 10	2 35	23 47	0 31	20 38	0 7	18 32	12 59	23 7	23 12	13 13		n.a.
T 27	19 21	15 0	5 11	24 28	0 50	18 12	1 11	10 41	0 14	23 9	1 19	3 11	2 35	23 47	0 31	20 38	0 7	18 33	12 59	23 7	23 13	13 10		n.a.
W28	19s 6	19s17	4s52	24s36	1s 1	17s49	1s 9	10s26	0s13	23s 7	1s20	3n12	2n36	23n47	0n31	20n38	0s 7	18n33	13n 0	23s 7	23s13	13n 7		n.a.

Julian Day Number = 198361.5, Delta T = 32h14m56s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'39, Lahiri = -61°14'39 Julian Calendar 1 Feb. 4170 BCE == Greg. Calendar 30 Dec. 4171 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

MARCH 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 17	7♒45'08	21♏25	12♉14	16♒30	4♓55	24♉49	27°R55	15°R 9	0°R 7	13°R29	16♉ 2	15♉12	18♌23	n.a.	T 1
F 2	8 28 13	8°42'55	4♐53	12°56	17°44	5°35	25° 3	27♍53	15♊ 8	0♊ 6	13♍28	16° 3	15° 9	18°29	n.a.	F 2
S 3	8 32 10	9°40'40	18°46	13°41	18°58	6°14	25°17	27°51	15° 7	0° 6	13°26	16° 5	15° 6	18°36	n.a.	S 3
S 4	8 36 6	10°38'23	3♉ 6	14°30	20°12	6°53	25°31	27°49	15° 6	0° 6	13°25	16° 6	15° 3	18°43	n.a.	S 4
M 5	8 40 3	11°36'05	17°49	15°22	21°25	7°33	25°45	27°47	15° 5	0° 5	13°24	16°R 6	14°59	18°49	n.a.	M 5
T 6	8 43 59	12°33'45	2♒51	16°18	22°39	8°12	25°59	27°44	15° 4	0° 5	13°22	16° 6	14°56	18°56	n.a.	T 6
W 7	8 47 56	13°31'24	18° 3	17°17	23°53	8°52	26°13	27°42	15° 3	0° 5	13°21	16° 4	14°53	19° 3	n.a.	W 7
T 8	8 51 53	14°29'02	3♓15	18°18	25° 6	9°31	26°26	27°39	15° 2	0° 5	13°20	16° 0	14°50	19° 9	n.a.	T 8
F 9	8 55 49	15°26'37	18°18	19°23	26°20	10°10	26°40	27°37	15° 1	0° 5	13°18	15°56	14°47	19°16	n.a.	F 9
S 10	8 59 46	16°24'11	3♈ 3	20°30	27°34	10°50	26°54	27°34	15° 0	0° 4	13°17	15°52	14°44	19°23	n.a.	S 10
S 11	9 3 42	17°21'43	17°24	21°40	28°47	11°29	27° 8	27°31	14°59	0° 4	13°15	15°49	14°40	19°29	n.a.	S 11
M12	9 7 39	18°19'14	1♉18	22°53	0♓ 1	12° 8	27°21	27°28	14°59	0° 4	13°14	15°46	14°37	19°36	n.a.	M12
T 13	9 11 35	19°16'42	14°44	24° 8	1°14	12°47	27°35	27°26	14°58	0° 4	13°13	15°D45	14°34	19°43	n.a.	T 13
W14	9 15 32	20°14'09	27°45	25°26	2°28	13°26	27°49	27°23	14°57	0°D 4	13°11	15°45	14°31	19°49	n.a.	W14
T 15	9 19 28	21°11'35	10♊24	26°46	3°41	14° 6	28° 2	27°20	14°57	0° 4	13°10	15°46	14°28	19°56	n.a.	T 15
F 16	9 23 25	22° 8'59	22°45	28° 9	4°55	14°45	28°16	27°16	14°56	0° 4	13° 8	15°48	14°24	20° 3	n.a.	F 16
S 17	9 27 21	23° 6'21	4♋53	29°34	6° 8	15°24	28°30	27°13	14°56	0° 4	13° 7	15°49	14°21	20° 9	n.a.	S 17
S 18	9 31 18	24° 3'42	16°51	1♒ 2	7°22	16° 3	28°43	27°10	14°55	0° 4	13° 5	15°R50	14°18	20°16	n.a.	S 18
M19	9 35 15	25° 1'02	28°43	2°32	8°35	16°42	28°56	27° 7	14°55	0° 5	13° 4	15°49	14°15	20°23	n.a.	M19
T 20	9 39 11	25°58'20	10♌32	4° 4	9°49	17°21	29°10	27° 3	14°54	0° 5	13° 2	15°46	14°12	20°29	n.a.	T 20
W21	9 43 8	26°55'37	22°21	5°38	11° 2	18° 0	29°23	27° 0	14°54	0° 5	13° 1	15°42	14° 9	20°36	n.a.	W21
T 22	9 47 4	27°52'52	4♍12	7°15	12°16	18°39	29°37	26°56	14°54	0° 5	12°59	15°35	14° 5	20°43	n.a.	T 22
F 23	9 51 1	28°50'07	16° 7	8°54	13°29	19°18	29°50	26°53	14°54	0° 5	12°57	15°28	14° 2	20°50	n.a.	F 23
S 24	9 54 57	29°47'21	28° 7	10°36	14°43	19°57	0♒ 3	26°49	14°54	0° 6	12°56	15°20	13°59	20°56	n.a.	S 24
S 25	9 58 54	0♓44'33	10♎14	12°19	15°56	20°36	0°16	26°46	14°54	0° 6	12°54	15°12	13°56	21° 3	n.a.	S 25
M26	10 2 50	1°41'45	22°31	14° 5	17° 9	21°15	0°29	26°42	14°D54	0° 6	12°53	15° 5	13°53	21°10	n.a.	M26
T 27	10 6 47	2°38'56	4♏59	15°53	18°23	21°54	0°42	26°38	14°54	0° 7	12°51	15° 0	13°50	21°16	n.a.	T 27
W28	10 10 43	3°36'06	17°42	17°44	19°36	22°33	0°55	26°34	14°54	0° 7	12°49	14°57	13°46	21°23	n.a.	W28
T 29	10 14 40	4°33'16	0♐43	19°36	20°49	23°12	1° 8	26°31	14°54	0° 8	12°48	14°D55	13°43	21°30	n.a.	T 29
F 30	10 18 37	5°30'25	14° 3	21°31	22° 3	23°50	1°21	26°27	14°54	0° 8	12°46	14°55	13°40	21°36	n.a.	F 30
S 31	10 22 33	6♓27'34	27♐47	23♒28	23♓16	24♓29	1♒34	26♍23	14♊54	0♊ 9	12♍45	14♉56	13♉37	21♌43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	18s51	22s45	4s17	24s43	1s11	17s25	1s 8	10s10	0s13	23s 4	1s20	3n13	2n36	23n47	0n31	20n38	0s 7	18n34	13n 0	23s 7	23s13	13n 4			n.a.
F 2	18 35	25 7	3 28	24 49	1 21	17 0	1 7	9 55	0 12	23 2	1 20	3 14	2 36	23 47	0 31	20 38	0 7	18 35	13 0	23 7	23 14	13 1			n.a.
S 3	18 20	26 2	2 25	24 53	1 30	16 35	1 5	9 39	0 11	22 59	1 20	3 15	2 36	23 46	0 31	20 38	0 7	18 35	13 0	23 7	23 14	12 59			n.a.
S 4	18 4	25 16	1 11	24 56	1 39	16 10	1 4	9 24	0 11	22 57	1 20	3 16	2 36	23 46	0 31	20 38	0 7	18 36	13 0	23 7	23 14	12 56			n.a.
M 5	17 47	22 44	0n 9	24 58	1 47	15 44	1 2	9 8	0 10	22 54	1 20	3 17	2 36	23 46	0 31	20 38	0 7	18 37	13 0	23 7	23 15	12 53			n.a.
T 6	17 31	18 36	1 31	24 59	1 54	15 18	1 1	8 52	0 10	22 51	1 20	3 18	2 37	23 46	0 31	20 37	0 7	18 37	13 1	23 7	23 15	12 50			n.a.
W 7	17 14	13 13	2 46	24 58	2 1	14 52	0 59	8 37	0 9	22 49	1 20	3 19	2 37	23 46	0 31	20 37	0 7	18 38	13 1	23 7	23 15	12 47			n.a.
T 8	16 57	7 2	3 50	24 55	2 7	14 25	0 57	8 21	0 8	22 46	1 20	3 21	2 37	23 46	0 31	20 37	0 7	18 39	13 1	23 7	23 16	12 45			n.a.
F 9	16 39	0 31	4 38	24 51	2 12	13 58	0 56	8 5	0 8	22 44	1 20	3 22	2 37	23 46	0 31	20 37	0 7	18 40	13 1	23 8	23 16	12 42			n.a.
S 10	16 22	5n53	5 5	24 45	2 17	13 30	0 54	7 49	0 7	22 41	1 20	3 23	2 37	23 46	0 31	20 37	0 7	18 40	13 1	23 8	23 17	12 39			n.a.
S 11	16 4	11 48	5 13	24 38	2 21	13 2	0 52	7 33	0 6	22 38	1 21	3 24	2 37	23 45	0 31	20 37	0 7	18 41	13 1	23 9	23 17	12 36			n.a.
M12	15 46	16 56	5 2	24 29	2 24	12 34	0 50	7 17	0 6	22 36	1 21	3 26	2 37	23 45	0 31	20 37	0 7	18 42	13 1	23 9	23 17	12 33			n.a.
T 13	15 27	21 4	4 34	24 18	2 27	12 5	0 48	7 1	0 5	22 33	1 21	3 27	2 38	23 45	0 31	20 37	0 7	18 42	13 1	23 9	23 18	12 31			n.a.
W14	15 9	23 59	3 53	24 6	2 29	11 36	0 46	6 45	0 5	22 30	1 21	3 28	2 38	23 45	0 31	20 37	0 7	18 43	13 2	23 9	23 18	12 28			n.a.
T 15	14 50	25 38	3 1	23 51	2 31	11 7	0 44	6 29	0 4	22 27	1 21	3 30	2 38	23 45	0 31	20 37	0 7	18 44	13 2	23 9	23 18	12 25			n.a.
F 16	14 31	25 57	2 3	23 35	2 32	10 38	0 42	6 13	0 3	22 25	1 21	3 31	2 38	23 45	0 31	20 37	0 7	18 44	13 2	23 9	23 19	12 22			n.a.
S 17	14 12	25 1	0 59	23 17	2 32	10 8	0 40	5 57	0 3	22 22	1 21	3 32	2 38	23 45	0 31	20 37	0 7	18 45	13 2	23 9	23 19	12 19			n.a.
S 18	13 52	22 56	0s 6	22 57	2 31	9 38	0 38	5 41	0 2	22 19	1 21	3 34	2 38	23 45	0 31	20 38	0 7	18 46	13 2	23 9	23 19	12 16			n.a.
M19	13 33	19 52	1 10	22 35	2 30	9 8	0 36	5 25	0 2	22 17	1 21	3 35	2 38	23 45	0 31	20 38	0 7	18 46	13 2	23 9	23 20	12 14			n.a.
T 20	13 13	16 0	2 10	22 11	2 29	8 37	0 34	5 9	0 1	22 14	1 22	3 37	2 38	23 45	0 31	20 38	0 7	18 47	13 2	23 9	23 20	12 11			n.a.
W21	12 53	11 32	3 5	21 45	2 26	8 7	0 31	4 53	0 0	22 11	1 22	3 38	2 39	23 45	0 31	20 38	0 7	18 48	13 2	23 10	23 20	12 8			n.a.
T 22	12 33	6 39	3 52	21 17	2 24	7 36	0 29	4 37	0n 0	22 8	1 22	3 40	2 39	23 45	0 31	20 38	0 7	18 48	13 2	23 11	23 21	12 5			n.a.
F 23	12 12	1 31	4 29	20 47	2 20	7 5	0 27	4 20	0 1	22 6	1 22	3 41	2 39	23 45	0 31	20 38	0 7	18 49	13 2	23 11	23 21	12 2			n.a.
S 24	11 52	3s42	4 54	20 15	2 16	6 34	0 25	4 4	0 1	22 3	1 22	3 43	2 39	23 45	0 31	20 38	0 7	18 50	13 2	23 12	23 21	11 59			n.a.
S 25	11 31	8 50	5 7	19 41	2 11	6 2	0 22	3 48	0 2	22 0	1 22	3 44	2 39	23 45	0 31	20 38	0 7	18 50	13 2	23 13	23 22	11 57			n.a.
M26	11 10	13 42	5 5	19 4	2 6	5 31	0 20	3 31	0 3	21 57	1 22	3 46	2 39	23 44	0 31	20 38	0 7	18 51	13 2	23 14	23 22	11 54			n.a.
T 27	10 49	18 4	4 50	18 26	2 0	4 59	0 18	3 15	0 3	21 54	1 23	3 48	2 39	23 44	0 31	20 38	0 7	18 52	13 2	23 15	23 22	11 51			n.a.
W28	10 28	21 44	4 19	17 45	1 54	4 28	0 15	2 59	0 4	21 52	1 23	3 49	2 39	23 44	0 31	20 38	0 7	18 52	13 2	23 15	23 23	11 48			n.a.
T 29	10 7	24 23	3 35	17 2	1 47	3 56	0 13	2 43	0 4	21 49	1 23	3 51	2 39	23 44	0 31	20 38	0 7	18 53	13 2	23 15	23 23	11 45			n.a.
F 30	9 45	25 45	2 38	16 17	1 39	3 24	0 10	2 26	0 5	21 46	1 23	3 53	2 39	23 44	0 31	20 39	0 7	18 53	13 2	23 15	23 23	11 42			n.a.
S 31	9s23	25s37	1s31	15s31	1s31	2s52	0s 8	2s10	0n 6	21s43	1s23	3n54	2n39	23n44	0n31	20n39	0s 7	18n54	13n 2	23s15	23s24	11n40			n.a.

Julian Day Number = 198389.5, Delta T = 32h14m53s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'35, Lahiri = -61°14'35 Julian Calendar 1 March 4170 BCE == Greg. Calendar 27 Jan. 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

APRIL 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 26 30	7♓24'42	11♉56	25♒27	24♓29	25♓ 8	1♒47	26°R19	14♊55	0♊ 9	12°R43	14°R57	13♉34	21♌50	n.a.	S 1
M 2	10 30 26	8°21'49	26°28	27°28	25°43	25°47	2° 0	26♍15	14°55	0°10	12♍41	14♉57	13°30	21°56	n.a.	M 2
T 3	10 34 23	9°18'56	11♒20	29°30	26°56	26°26	2°12	26°11	14°55	0°11	12°40	14°54	13°27	22° 3	n.a.	T 3
W 4	10 38 19	10°16'03	26°27	1♓35	28° 9	27° 4	2°25	26° 7	14°56	0°11	12°38	14°50	13°24	22°10	n.a.	W 4
T 5	10 42 16	11°13'08	11♓39	3°41	29°22	27°43	2°38	26° 2	14°56	0°12	12°36	14°43	13°21	22°16	n.a.	T 5
F 6	10 46 13	12°10'13	26°46	5°49	0♈36	28°22	2°50	25°58	14°57	0°13	12°35	14°35	13°18	22°23	n.a.	F 6
S 7	10 50 9	13° 7'18	11♈37	7°57	1°49	29° 1	3° 2	25°54	14°58	0°13	12°33	14°26	13°15	22°30	n.a.	S 7
S 8	10 54 6	14° 4'21	26° 6	10° 7	3° 2	29°39	3°15	25°50	14°58	0°14	12°31	14°18	13°11	22°36	n.a.	S 8
M 9	10 58 2	15° 1'24	10♉ 8	12°18	4°15	0♈18	3°27	25°46	14°59	0°15	12°30	14°12	13° 8	22°43	n.a.	M 9
T 10	11 1 59	15°58'27	23°40	14°29	5°28	0°57	3°39	25°41	15° 0	0°16	12°28	14° 7	13° 5	22°50	n.a.	T 10
W11	11 5 55	16°55'28	6♊44	16°40	6°41	1°35	3°51	25°37	15° 1	0°17	12°27	14° 5	13° 2	22°56	n.a.	W11
T 12	11 9 52	17°52'29	19°23	18°51	7°55	2°14	4° 3	25°33	15° 2	0°18	12°25	14°D 5	12°59	23° 3	n.a.	T 12
F 13	11 13 48	18°49'29	1♋42	21° 2	9° 8	2°53	4°15	25°28	15° 2	0°19	12°23	14° 5	12°55	23°10	n.a.	F 13
S 14	11 17 45	19°46'29	13°47	23°12	10°21	3°31	4°27	25°24	15° 3	0°20	12°22	14°R 5	12°52	23°16	n.a.	S 14
S 15	11 21 42	20°43'27	25°41	25°22	11°34	4°10	4°39	25°20	15° 4	0°21	12°20	14° 5	12°49	23°23	n.a.	S 15
M16	11 25 38	21°40'26	7♌31	27°31	12°47	4°48	4°51	25°15	15° 6	0°22	12°18	14° 2	12°46	23°30	n.a.	M16
T 17	11 29 35	22°37'24	19°19	29°38	14° 0	5°27	5° 3	25°11	15° 7	0°23	12°17	13°57	12°43	23°36	n.a.	T 17
W18	11 33 31	23°34'21	1♍ 9	1♈44	15°13	6° 6	5°14	25° 7	15° 8	0°24	12°15	13°50	12°40	23°43	n.a.	W18
T 19	11 37 28	24°31'18	13° 5	3°48	16°26	6°44	5°26	25° 2	15° 9	0°25	12°14	13°40	12°36	23°50	n.a.	T 19
F 20	11 41 24	25°28'15	25° 7	5°51	17°39	7°23	5°37	24°58	15°10	0°26	12°12	13°28	12°33	23°56	n.a.	F 20
S 21	11 45 21	26°25'12	7♎17	7°51	18°52	8° 1	5°49	24°53	15°12	0°27	12°11	13°15	12°30	24° 3	n.a.	S 21
S 22	11 49 18	27°22'09	19°36	9°50	20° 5	8°40	6° 0	24°49	15°13	0°28	12° 9	13° 3	12°27	24°10	n.a.	S 22
M23	11 53 14	28°19'05	2♏ 4	11°47	21°17	9°18	6°11	24°45	15°15	0°30	12° 7	12°52	12°24	24°17	n.a.	M23
T 24	11 57 11	29°16'03	14°44	13°42	22°30	9°57	6°22	24°40	15°16	0°31	12° 6	12°44	12°21	24°23	n.a.	T 24
W25	12 1 7	0♈13'00	27°35	15°35	23°43	10°35	6°33	24°36	15°18	0°32	12° 4	12°37	12°17	24°30	n.a.	W25
T 26	12 5 4	1° 9'57	10♐41	17°26	24°56	11°13	6°44	24°32	15°19	0°33	12° 3	12°34	12°14	24°37	n.a.	T 26
F 27	12 9 0	2° 6'56	24° 2	19°15	26° 9	11°52	6°55	24°27	15°21	0°35	12° 1	12°33	12°11	24°43	n.a.	F 27
S 28	12 12 57	3° 3'54	7♑41	21° 2	27°22	12°30	7° 6	24°23	15°23	0°36	12° 0	12°33	12° 8	24°50	n.a.	S 28
S 29	12 16 54	4° 0'53	21°39	22°46	28°34	13° 9	7°16	24°19	15°24	0°37	11°58	12°32	12° 5	24°57	n.a.	S 29
M30	12 20 50	4♈57'52	5♒57	24♈29	29♈47	13♈47	7♒27	24♍14	15♊26	0♊39	11♍57	12♉31	12♉ 1	25♌ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9s 2	23s50	0s16	14s42	1s23	2s20	0s 5	1s54	0n 6	21s40	1s23	3n56	2n39	23n44	0n31	20n39	0s 7	18n55	13n 2	23s15	23s24	11n37		n.a.
M 2	8 40	20 27	1n 2	13 51	1 14	1 48	0 3	1 37	0 7	21 38	1 23	3 58	2 40	23 45	0 31	20 39	0 7	18 55	13 2	23 15	23 24	11 34		n.a.
T 3	8 18	15 41	2 17	12 58	1 5	1 15	0 0	1 21	0 7	21 35	1 24	3 59	2 40	23 45	0 31	20 39	0 7	18 56	13 2	23 15	23 25	11 31		n.a.
W 4	7 56	9 52	3 24	12 4	0 55	0 43	0n 2	1 5	0 8	21 32	1 24	4 1	2 40	23 45	0 31	20 39	0 7	18 57	13 2	23 16	23 25	11 28		n.a.
T 5	7 33	3 28	4 16	11 8	0 45	0 11	0 5	0 48	0 8	21 29	1 24	4 3	2 40	23 45	0 31	20 39	0 7	18 57	13 2	23 17	23 25	11 25		n.a.
F 6	7 11	3n 6	4 51	10 11	0 35	0n21	0 7	0 32	0 9	21 26	1 24	4 5	2 40	23 45	0 31	20 40	0 7	18 58	13 2	23 18	23 26	11 23		n.a.
S 7	6 49	9 22	5 5	9 12	0 25	0 53	0 10	0 16	0 10	21 24	1 24	4 6	2 40	23 45	0 31	20 40	0 7	18 58	13 2	23 19	23 26	11 20		n.a.
S 8	6 26	14 58	4 59	8 13	0 14	1 26	0 12	0n 1	0 10	21 21	1 24	4 8	2 40	23 45	0 31	20 40	0 7	18 59	13 2	23 19	23 26	11 17		n.a.
M 9	6 4	19 36	4 35	7 12	0 4	1 58	0 15	0 17	0 11	21 18	1 25	4 10	2 40	23 45	0 31	20 40	0 7	18 59	13 1	23 20	23 27	11 14		n.a.
T 10	5 41	23 1	3 56	6 11	0n 6	2 30	0 18	0 33	0 11	21 15	1 25	4 12	2 40	23 45	0 30	20 40	0 7	19 0	13 1	23 21	23 27	11 11		n.a.
W11	5 18	25 6	3 6	5 9	0 17	3 2	0 20	0 50	0 12	21 12	1 25	4 13	2 40	23 45	0 30	20 41	0 6	19 1	13 1	23 21	23 27	11 8		n.a.
T 12	4 55	25 48	2 8	4 7	0 27	3 34	0 23	1 6	0 12	21 10	1 25	4 15	2 40	23 45	0 30	20 41	0 6	19 1	13 1	23 21	23 28	11 5		n.a.
F 13	4 32	25 12	1 6	3 5	0 37	4 6	0 25	1 22	0 13	21 7	1 25	4 17	2 40	23 45	0 30	20 41	0 6	19 2	13 1	23 21	23 28	11 3		n.a.
S 14	4 10	23 24	0 2	2 4	0 47	4 38	0 28	1 39	0 13	21 4	1 26	4 19	2 40	23 45	0 30	20 41	0 6	19 2	13 1	23 21	23 28	11 0		n.a.
S 15	3 47	20 36	1s 1	1 2	0 56	5 10	0 30	1 55	0 14	21 1	1 26	4 20	2 40	23 45	0 30	20 42	0 6	19 3	13 1	23 21	23 29	10 57		n.a.
M16	3 23	16 58	2 1	0 2	1 5	5 41	0 33	2 11	0 15	20 59	1 26	4 22	2 40	23 45	0 30	20 42	0 6	19 3	13 1	23 21	23 29	10 54		n.a.
T 17	3 0	12 40	2 56	0n58	1 13	6 13	0 35	2 27	0 15	20 56	1 26	4 24	2 40	23 46	0 30	20 42	0 6	19 4	13 0	23 22	23 29	10 51		n.a.
W18	2 37	7 55	3 43	1 57	1 21	6 44	0 38	2 43	0 16	20 53	1 26	4 26	2 40	23 46	0 30	20 42	0 6	19 4	13 0	23 22	23 30	10 48		n.a.
T 19	2 14	2 51	4 20	2 54	1 29	7 15	0 40	3 0	0 16	20 51	1 27	4 27	2 40	23 46	0 30	20 43	0 6	19 5	13 0	23 24	23 30	10 45		n.a.
F 20	1 51	2s22	4 46	3 50	1 36	7 46	0 43	3 16	0 17	20 48	1 27	4 29	2 40	23 46	0 30	20 43	0 6	19 5	13 0	23 25	23 30	10 43		n.a.
S 21	1 28	7 32	5 0	4 45	1 42	8 17	0 45	3 32	0 17	20 45	1 27	4 31	2 40	23 46	0 30	20 43	0 6	19 6	13 0	23 26	23 31	10 40		n.a.
S 22	1 4	12 28	4 59	5 39	1 47	8 48	0 48	3 48	0 18	20 42	1 27	4 33	2 40	23 46	0 30	20 43	0 6	19 6	12 59	23 27	23 31	10 37		n.a.
M23	0 41	16 58	4 45	6 30	1 52	9 18	0 50	4 4	0 18	20 40	1 27	4 34	2 40	23 46	0 30	20 44	0 6	19 6	12 59	23 28	23 31	10 34		n.a.
T 24	0 18	20 46	4 16	7 20	1 57	9 48	0 52	4 20	0 19	20 37	1 28	4 36	2 39	23 47	0 30	20 44	0 6	19 7	12 59	23 29	23 31	10 31		n.a.
W25	0n 5	23 39	3 34	8 9	2 1	10 18	0 55	4 36	0 19	20 35	1 28	4 38	2 39	23 47	0 30	20 44	0 6	19 7	12 59	23 30	23 32	10 28		n.a.
T 26	0 29	25 19	2 40	8 56	2 4	10 48	0 57	4 52	0 20	20 32	1 28	4 39	2 39	23 47	0 30	20 44	0 6	19 8	12 59	23 30	23 32	10 25		n.a.
F 27	0 52	25 35	1 36	9 41	2 6	11 18	0 59	5 8	0 20	20 29	1 28	4 41	2 39	23 47	0 30	20 45	0 6	19 8	12 58	23 30	23 32	10 22		n.a.
S 28	1 15	24 19	0 26	10 24	2 8	11 47	1 2	5 24	0 21	20 27	1 29	4 43	2 39	23 47	0 30	20 45	0 6	19 8	12 58	23 30	23 33	10 20		n.a.
S 29	1 38	21 32	0n48	11 5	2 9	12 16	1 4	5 40	0 22	20 24	1 29	4 45	2 39	23 47	0 30	20 45	0 6	19 9	12 58	23 30	23 33	10 17		n.a.
M30	2n 2	17s22	2n 0	11n45	2n10	12n44	1n 6	5n55	0n22	20s22	1s29	4n46	2n39	23n48	0n30	20n46	0s 6	19n 9	12n58	23s30	23s33	10n14		n.a.

Julian Day Number = 198420.5, Delta T = 32h14m49s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'31, Lahiri = -61°14'31 Julian Calendar 1 Apr. 4170 BCE == Greg. Calendar 27 Feb. 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

MAY 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 24 47	5♈54'52	20♒33	26♈ 9	1♉ 0	14♈26	7♒37	24°R10	15♊28	0♊40	11°R55	12°R27	11♑58	25♌10	n.a.	T 1
W 2	12 28 43	6°51'53	5♓23	27°47	2°13	15° 4	7°47	24♍ 6	15°30	0°42	11♍54	12♑21	11°55	25°17	n.a.	W 2
T 3	12 32 40	7°48'53	20°20	29°23	3°25	15°42	7°58	24° 2	15°32	0°43	11°52	12°13	11°52	25°23	n.a.	T 3
F 4	12 36 36	8°45'54	5♈15	0♉57	4°38	16°21	8° 8	23°58	15°34	0°45	11°51	12° 2	11°49	25°30	n.a.	F 4
S 5	12 40 33	9°42'56	19°59	2°29	5°51	16°59	8°18	23°53	15°36	0°46	11°50	11°51	11°46	25°37	n.a.	S 5
S 6	12 44 30	10°39'58	4♉25	3°58	7° 4	17°38	8°28	23°49	15°38	0°48	11°48	11°40	11°42	25°43	n.a.	S 6
M 7	12 48 26	11°37'01	18°26	5°26	8°16	18°16	8°37	23°45	15°40	0°49	11°47	11°31	11°39	25°50	n.a.	M 7
T 8	12 52 23	12°34'03	1♊59	6°51	9°29	18°54	8°47	23°41	15°42	0°51	11°46	11°25	11°36	25°57	n.a.	T 8
W 9	12 56 19	13°31'07	15° 5	8°14	10°41	19°33	8°57	23°37	15°44	0°53	11°44	11°21	11°33	26° 3	n.a.	W 9
T 10	13 0 16	14°28'10	27°47	9°35	11°54	20°11	9° 6	23°33	15°46	0°54	11°43	11°19	11°30	26°10	n.a.	T 10
F 11	13 4 13	15°25'14	10♋ 7	10°53	13° 7	20°49	9°15	23°29	15°49	0°56	11°42	11°19	11°26	26°17	n.a.	F 11
S 12	13 8 9	16°22'18	22°13	12° 9	14°19	21°28	9°25	23°26	15°51	0°58	11°40	11°19	11°23	26°23	n.a.	S 12
S 13	13 12 6	17°19'22	4♌ 8	13°22	15°32	22° 6	9°34	23°22	15°53	0°59	11°39	11°18	11°20	26°30	n.a.	S 13
M14	13 16 2	18°16'27	15°57	14°33	16°44	22°44	9°43	23°18	15°56	1° 1	11°38	11°15	11°17	26°37	n.a.	M14
T 15	13 19 59	19°13'32	27°47	15°42	17°56	23°23	9°52	23°14	15°58	1° 3	11°37	11°11	11°14	26°44	n.a.	T 15
W16	13 23 55	20°10'38	9♍41	16°47	19° 9	24° 1	10° 0	23°11	16° 1	1° 5	11°35	11° 3	11°11	26°50	n.a.	W16
T 17	13 27 52	21° 7'45	21°42	17°50	20°21	24°39	10° 9	23° 7	16° 3	1° 6	11°34	10°53	11° 7	26°57	n.a.	T 17
F 18	13 31 49	22° 4'52	3♎53	18°51	21°34	25°17	10°17	23° 3	16° 6	1° 8	11°33	10°41	11° 4	27° 4	n.a.	F 18
S 19	13 35 45	23° 2'00	16°15	19°48	22°46	25°56	10°26	23° 0	16° 8	1°10	11°32	10°28	11° 1	27°10	n.a.	S 19
S 20	13 39 42	23°59'09	28°49	20°42	23°58	26°34	10°34	22°56	16°11	1°12	11°31	10°16	10°58	27°17	n.a.	S 20
M21	13 43 38	24°56'19	11♏35	21°33	25°11	27°12	10°42	22°53	16°14	1°14	11°30	10° 5	10°55	27°24	n.a.	M21
T 22	13 47 35	25°53'30	24°32	22°20	26°23	27°51	10°50	22°50	16°16	1°16	11°29	9°56	10°52	27°30	n.a.	T 22
W23	13 51 31	26°50'42	7♐41	23° 4	27°35	28°29	10°58	22°46	16°19	1°17	11°28	9°50	10°48	27°37	n.a.	W23
T 24	13 55 28	27°47'55	21° 0	23°45	28°47	29° 7	11° 5	22°43	16°22	1°19	11°27	9°46	10°45	27°44	n.a.	T 24
F 25	13 59 25	28°45'10	4♑32	24°21	29°59	29°45	11°13	22°40	16°25	1°21	11°26	9°D45	10°42	27°50	n.a.	F 25
S 26	14 3 21	29°42'26	18°15	24°54	1♊11	0♉24	11°20	22°37	16°27	1°23	11°25	9°45	10°39	27°57	n.a.	S 26
S 27	14 7 18	0♉39'44	2♒11	25°22	2°24	1° 2	11°28	22°34	16°30	1°25	11°24	9°R45	10°36	28° 4	n.a.	S 27
M28	14 11 14	1°37'02	16°20	25°46	3°36	1°40	11°35	22°31	16°33	1°27	11°23	9°44	10°32	28°10	n.a.	M28
T 29	14 15 11	2°34'23	0♓40	26° 6	4°48	2°18	11°42	22°28	16°36	1°29	11°22	9°42	10°29	28°17	n.a.	T 29
W30	14 19 7	3°31'45	15° 9	26°21	6° 0	2°57	11°48	22°26	16°39	1°31	11°21	9°36	10°26	28°24	n.a.	W30
T 31	14 23 4	4♉29'08	29♓42	26♉31	7♊12	3♉35	11♒55	22♍23	16♊42	1♊33	11♍21	9♑29	10♑23	28♌31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	2n25	12s 6	3n 6	12n23	2n10	13n13	1n 8	6n11	0n23	20s19	1s29	4n48	2n39	23n48	0n30	20n46	0s 6	19n10	12n57	23s31	23s34	10n11			n.a.
W 2	2 48	6 5	4 1	12 59	2 9	13 41	1 10	6 27	0 23	20 17	1 30	4 49	2 39	23 48	0 30	20 46	0 6	19 10	12 57	23 31	23 34	10 8			n.a.
T 3	3 11	0n19	4 39	13 33	2 8	14 8	1 13	6 43	0 24	20 14	1 30	4 51	2 39	23 48	0 30	20 47	0 6	19 10	12 57	23 32	23 34	10 5			n.a.
F 4	3 34	6 41	4 58	14 6	2 6	14 36	1 15	6 58	0 24	20 12	1 30	4 53	2 39	23 48	0 30	20 47	0 6	19 11	12 57	23 33	23 34	10 2			n.a.
S 5	3 57	12 36	4 57	14 36	2 4	15 3	1 17	7 14	0 25	20 9	1 30	4 54	2 38	23 49	0 30	20 47	0 6	19 11	12 56	23 34	23 35	9 59			n.a.
S 6	4 20	17 41	4 37	15 5	2 1	15 29	1 19	7 30	0 25	20 7	1 30	4 56	2 38	23 49	0 30	20 48	0 6	19 11	12 56	23 35	23 35	9 57			n.a.
M 7	4 43	21 39	4 1	15 32	1 57	15 55	1 21	7 45	0 26	20 4	1 31	4 57	2 38	23 49	0 30	20 48	0 6	19 11	12 56	23 36	23 35	9 54			n.a.
T 8	5 6	24 16	3 12	15 58	1 53	16 21	1 22	8 1	0 26	20 2	1 31	4 59	2 38	23 49	0 30	20 48	0 6	19 12	12 55	23 37	23 36	9 51			n.a.
W 9	5 29	25 28	2 14	16 21	1 48	16 47	1 24	8 16	0 27	20 0	1 31	5 0	2 38	23 49	0 30	20 49	0 6	19 12	12 55	23 37	23 36	9 48			n.a.
T 10	5 52	25 17	1 11	16 43	1 43	17 12	1 26	8 31	0 27	19 57	1 32	5 2	2 38	23 50	0 30	20 49	0 6	19 12	12 55	23 37	23 36	9 45			n.a.
F 11	6 14	23 49	0 6	17 3	1 37	17 36	1 28	8 47	0 28	19 55	1 32	5 3	2 38	23 50	0 30	20 50	0 6	19 12	12 54	23 37	23 36	9 42			n.a.
S 12	6 37	21 17	0s57	17 21	1 31	18 0	1 29	9 2	0 28	19 53	1 32	5 5	2 38	23 50	0 30	20 50	0 6	19 13	12 54	23 37	23 37	9 39			n.a.
S 13	6 59	17 52	1 58	17 38	1 24	18 24	1 31	9 17	0 29	19 50	1 32	5 6	2 37	23 50	0 30	20 50	0 6	19 13	12 54	23 37	23 37	9 36			n.a.
M14	7 22	13 46	2 52	17 53	1 17	18 47	1 32	9 32	0 29	19 48	1 33	5 8	2 37	23 51	0 30	20 51	0 6	19 13	12 53	23 37	23 37	9 33			n.a.
T 15	7 44	9 9	3 40	18 6	1 9	19 9	1 34	9 47	0 30	19 46	1 33	5 9	2 37	23 51	0 30	20 51	0 6	19 13	12 53	23 38	23 38	9 31			n.a.
W16	8 6	4 12	4 17	18 17	1 0	19 32	1 35	10 2	0 30	19 44	1 33	5 10	2 37	23 51	0 30	20 51	0 6	19 13	12 53	23 38	23 38	9 28			n.a.
T 17	8 28	0s57	4 44	18 27	0 51	19 53	1 37	10 17	0 31	19 42	1 33	5 12	2 37	23 51	0 30	20 52	0 6	19 13	12 52	23 39	23 38	9 25			n.a.
F 18	8 50	6 8	4 58	18 35	0 42	20 14	1 38	10 32	0 31	19 40	1 34	5 13	2 37	23 52	0 30	20 52	0 6	19 13	12 52	23 40	23 38	9 22			n.a.
S 19	9 12	11 8	4 59	18 42	0 32	20 35	1 39	10 47	0 32	19 37	1 34	5 14	2 36	23 52	0 30	20 53	0 6	19 14	12 52	23 41	23 39	9 19			n.a.
S 20	9 34	15 47	4 45	18 47	0 22	20 55	1 40	11 2	0 32	19 35	1 34	5 15	2 36	23 52	0 30	20 53	0 6	19 14	12 51	23 42	23 39	9 16			n.a.
M21	9 55	19 47	4 17	18 50	0 11	21 14	1 42	11 16	0 33	19 33	1 35	5 17	2 36	23 52	0 30	20 53	0 6	19 14	12 51	23 43	23 39	9 13			n.a.
T 22	10 17	22 54	3 35	18 52	0s 0	21 33	1 43	11 31	0 33	19 32	1 35	5 18	2 36	23 53	0 30	20 54	0 6	19 14	12 50	23 44	23 39	9 10			n.a.
W23	10 38	24 51	2 41	18 52	0 12	21 51	1 44	11 45	0 34	19 30	1 35	5 19	2 36	23 53	0 30	20 54	0 6	19 14	12 50	23 44	23 40	9 7			n.a.
T 24	10 59	25 26	1 38	18 51	0 24	22 9	1 44	12 0	0 34	19 28	1 36	5 20	2 35	23 53	0 30	20 55	0 6	19 14	12 50	23 45	23 40	9 4			n.a.
F 25	11 20	24 30	0 28	18 48	0 36	22 26	1 45	12 14	0 35	19 26	1 36	5 21	2 35	23 54	0 30	20 55	0 6	19 14	12 49	23 45	23 40	9 2			n.a.
S 26	11 41	22 5	0n45	18 44	0 49	22 42	1 46	12 29	0 35	19 24	1 36	5 22	2 35	23 54	0 30	20 56	0 6	19 14	12 49	23 45	23 40	8 59			n.a.
S 27	12 2	18 21	1 56	18 39	1 2	22 58	1 47	12 43	0 36	19 22	1 36	5 23	2 35	23 54	0 30	20 56	0 6	19 14	12 48	23 45	23 41	8 56			n.a.
M28	12 22	13 30	3 2	18 32	1 15	23 13	1 47	12 57	0 36	19 20	1 37	5 24	2 35	23 54	0 30	20 56	0 6	19 14	12 48	23 45	23 41	8 53			n.a.
T 29	12 42	7 53	3 56	18 23	1 29	23 28	1 48	13 11	0 37	19 19	1 37	5 25	2 34	23 55	0 30	20 57	0 6	19 14	12 48	23 45	23 41	8 50			n.a.
W30	13 2	1 47	4 36	18 13	1 43	23 41	1 48	13 25	0 37	19 17	1 37	5 26	2 34	23 55	0 30	20 57	0 6	19 14	12 47	23 45	23 42	8 47			n.a.
T 31	13n22	4n26	4n59	18n 2	1s56	23n55	1n49	13n39	0n38	19s16	1s38	5n27	2n34	23n55	0n30	20n58	0s 6	19n14	12n47	23s46	23s42	8n44			n.a.

Julian Day Number = 198450.5, Delta T = 32h14m46s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'27, Lahiri = -61°14'27 Julian Calendar 1 May 4170 BCE == Greg. Calendar 29 March 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

JUNE 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 27 1	5♉26'33	14♈15	26°R36	8♊24	4♉13	12♒ 1	22°R20	16♊45	1♊35	11°R20	9°R20	10♑20	28♌37	n.a.	F 1
S 2	14 30 57	6°23'59	28°38	26♉36	9°36	4°52	12° 8	22♍18	16°48	1°37	11♍19	9♑10	10°17	28°44	n.a.	S 2
S 3	14 34 54	7°21'27	12♉48	26°31	10°48	5°30	12°14	22°15	16°51	1°39	11°18	9° 1	10°13	28°51	n.a.	S 3
M 4	14 38 50	8°18'56	26°37	26°20	11°59	6° 8	12°20	22°13	16°55	1°41	11°18	8°53	10°10	28°57	n.a.	M 4
T 5	14 42 47	9°16'26	10♊ 3	26° 4	13°11	6°46	12°26	22°11	16°58	1°44	11°17	8°47	10° 7	29° 4	n.a.	T 5
W 6	14 46 43	10°13'58	23° 6	25°43	14°23	7°25	12°32	22° 8	17° 1	1°46	11°16	8°44	10° 4	29°11	n.a.	W 6
T 7	14 50 40	11°11'31	5♋47	25°16	15°35	8° 3	12°37	22° 6	17° 4	1°48	11°16	8°D42	10° 1	29°17	n.a.	T 7
F 8	14 54 37	12° 9'05	18° 8	24°45	16°47	8°41	12°42	22° 4	17° 7	1°50	11°15	8°43	9°58	29°24	n.a.	F 8
S 9	14 58 33	13° 6'41	0♌15	24° 9	17°58	9°19	12°48	22° 2	17°11	1°52	11°15	8°44	9°54	29°31	n.a.	S 9
S 10	15 2 30	14° 4'17	12°11	23°29	19°10	9°58	12°53	22° 0	17°14	1°54	11°14	8°R44	9°51	29°37	n.a.	S 10
M11	15 6 26	15° 1'55	24° 2	22°46	20°22	10°36	12°58	21°59	17°17	1°56	11°14	8°44	9°48	29°44	n.a.	M11
T 12	15 10 23	15°59'35	5♍54	21°59	21°33	11°14	13° 2	21°57	17°21	1°58	11°13	8°42	9°45	29°51	n.a.	T 12
W13	15 14 19	16°57'15	17°50	21°10	22°45	11°52	13° 7	21°55	17°24	2° 1	11°13	8°37	9°42	29°58	n.a.	W13
T 14	15 18 16	17°54'58	29°56	20°20	23°56	12°31	13°11	21°54	17°27	2° 3	11°12	8°31	9°38	0♍ 4	n.a.	T 14
F 15	15 22 13	18°52'41	12♎14	19°29	25° 8	13° 9	13°15	21°52	17°31	2° 5	11°12	8°23	9°35	0°11	n.a.	F 15
S 16	15 26 9	19°50'26	24°47	18°39	26°19	13°47	13°19	21°51	17°34	2° 7	11°12	8°15	9°32	0°18	n.a.	S 16
S 17	15 30 6	20°48'13	7♏35	17°50	27°30	14°26	13°23	21°50	17°38	2° 9	11°11	8° 6	9°29	0°24	n.a.	S 17
M18	15 34 2	21°46'02	20°39	17° 4	28°42	15° 4	13°27	21°48	17°41	2°12	11°11	7°59	9°26	0°31	n.a.	M18
T 19	15 37 59	22°43'52	3♐58	16°21	29°53	15°42	13°30	21°47	17°45	2°14	11°11	7°53	9°23	0°38	n.a.	T 19
W20	15 41 55	23°41'44	17°29	15°43	1♑ 4	16°20	13°33	21°46	17°48	2°16	11°11	7°49	9°19	0°44	n.a.	W20
T 21	15 45 52	24°39'39	1♑12	15°10	2°15	16°59	13°36	21°46	17°52	2°18	11°11	7°D48	9°16	0°51	n.a.	T 21
F 22	15 49 49	25°37'35	15° 4	14°43	3°26	17°37	13°39	21°45	17°55	2°20	11°10	7°48	9°13	0°58	n.a.	F 22
S 23	15 53 45	26°35'33	29° 3	14°23	4°37	18°15	13°42	21°44	17°59	2°23	11°10	7°49	9°10	1° 5	n.a.	S 23
S 24	15 57 42	27°33'34	13♒ 7	14°10	5°48	18°54	13°45	21°43	18° 2	2°25	11°10	7°50	9° 7	1°11	n.a.	S 24
M25	16 1 38	28°31'36	27°17	14°D 4	6°59	19°32	13°47	21°43	18° 6	2°27	11°D10	7°R51	9° 3	1°18	n.a.	M25
T 26	16 5 35	29°29'41	11♓28	14° 7	8°10	20°10	13°49	21°43	18°10	2°29	11°10	7°50	9° 0	1°25	n.a.	T 26
W27	16 9 31	0♊27'48	25°41	14°17	9°21	20°49	13°51	21°42	18°13	2°32	11°10	7°48	8°57	1°31	n.a.	W27
T 28	16 13 28	1°25'58	9♈52	14°36	10°32	21°27	13°53	21°42	18°17	2°34	11°10	7°44	8°54	1°38	n.a.	T 28
F 29	16 17 24	2°24'09	23°57	15° 3	11°42	22° 5	13°54	21°42	18°21	2°36	11°11	7°39	8°51	1°45	n.a.	F 29
S 30	16 21 21	3♊22'23	7♉54	15♉38	12♋53	22♉44	13♒56	21°D42	18♊24	2♊38	11♍11	7♑34	8♑48	1♍51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n42	10n23	5n 2	17n50	2s10	24n 7	1n49	13n53	0n38	19s14	1s38	5n28	2n34	23n56	0n30	20n58	0s 6	19n14	12n46	23s47	23s42	8n41		n.a.
S 2	14 2	15 44	4 46	17 37	2 24	24 19	1 49	14 6	0 39	19 12	1 38	5 29	2 34	23 56	0 30	20 59	0 6	19 13	12 46	23 47	23 42	8 38		n.a.
S 3	14 21	20 7	4 13	17 22	2 37	24 30	1 49	14 20	0 39	19 11	1 39	5 30	2 33	23 56	0 30	20 59	0 6	19 13	12 45	23 48	23 43	8 35		n.a.
M 4	14 40	23 16	3 25	17 7	2 51	24 40	1 49	14 34	0 39	19 9	1 39	5 30	2 33	23 57	0 30	20 59	0 6	19 13	12 45	23 48	23 43	8 33		n.a.
T 5	14 59	25 0	2 27	16 51	3 4	24 50	1 49	14 47	0 40	19 8	1 39	5 31	2 33	23 57	0 30	21 0	0 6	19 13	12 44	23 49	23 43	8 30		n.a.
W 6	15 18	25 18	1 23	16 34	3 16	24 59	1 49	15 0	0 40	19 7	1 40	5 32	2 33	23 57	0 30	21 0	0 6	19 13	12 44	23 49	23 43	8 27		n.a.
T 7	15 36	24 15	0 16	16 16	3 28	25 7	1 49	15 14	0 41	19 5	1 40	5 32	2 32	23 58	0 30	21 1	0 6	19 13	12 44	23 49	23 44	8 24		n.a.
F 8	15 55	22 1	0s50	15 58	3 38	25 14	1 49	15 27	0 41	19 4	1 40	5 33	2 32	23 58	0 30	21 1	0 6	19 13	12 43	23 49	23 44	8 21		n.a.
S 9	16 13	18 50	1 53	15 40	3 48	25 21	1 48	15 40	0 42	19 3	1 41	5 34	2 32	23 58	0 30	21 2	0 6	19 12	12 43	23 49	23 44	8 18		n.a.
S 10	16 30	14 55	2 50	15 21	3 57	25 27	1 48	15 53	0 42	19 2	1 41	5 34	2 32	23 58	0 30	21 2	0 6	19 12	12 42	23 49	23 44	8 15		n.a.
M11	16 48	10 27	3 39	15 3	4 4	25 32	1 47	16 6	0 43	19 1	1 41	5 35	2 31	23 59	0 30	21 3	0 6	19 12	12 42	23 49	23 44	8 12		n.a.
T 12	17 5	5 37	4 18	14 45	4 10	25 36	1 46	16 18	0 43	19 0	1 42	5 35	2 31	23 59	0 30	21 3	0 5	19 12	12 41	23 49	23 45	8 9		n.a.
W13	17 22	0 33	4 47	14 28	4 15	25 40	1 46	16 31	0 44	18 59	1 42	5 35	2 31	23 59	0 30	21 4	0 5	19 11	12 41	23 50	23 45	8 6		n.a.
T 14	17 39	4s35	5 3	14 12	4 17	25 43	1 45	16 44	0 44	18 58	1 42	5 36	2 31	24 0	0 30	21 4	0 5	19 11	12 40	23 50	23 45	8 3		n.a.
F 15	17 55	9 38	5 6	13 58	4 18	25 45	1 44	16 56	0 45	18 57	1 43	5 36	2 30	24 0	0 30	21 4	0 5	19 11	12 40	23 50	23 45	8 1		n.a.
S 16	18 12	14 24	4 54	13 45	4 17	25 47	1 43	17 8	0 45	18 56	1 43	5 36	2 30	24 0	0 30	21 5	0 5	19 10	12 39	23 51	23 46	7 58		n.a.
S 17	18 27	18 38	4 28	13 34	4 14	25 47	1 42	17 20	0 45	18 55	1 43	5 37	2 30	24 1	0 30	21 5	0 5	19 10	12 39	23 52	23 46	7 55		n.a.
M18	18 43	22 3	3 47	13 25	4 10	25 47	1 41	17 32	0 46	18 54	1 44	5 37	2 30	24 1	0 30	21 6	0 5	19 10	12 38	23 52	23 46	7 52		n.a.
T 19	18 58	24 21	2 52	13 19	4 3	25 46	1 39	17 44	0 46	18 54	1 44	5 37	2 29	24 1	0 30	21 6	0 5	19 9	12 38	23 52	23 46	7 49		n.a.
W20	19 13	25 18	1 48	13 16	3 55	25 45	1 38	17 56	0 47	18 53	1 44	5 37	2 29	24 2	0 30	21 7	0 5	19 9	12 37	23 53	23 47	7 46		n.a.
T 21	19 28	24 42	0 36	13 15	3 46	25 42	1 37	18 8	0 47	18 53	1 45	5 37	2 29	24 2	0 30	21 7	0 5	19 9	12 37	23 53	23 47	7 43		n.a.
F 22	19 42	22 35	0n39	13 18	3 35	25 39	1 35	18 20	0 48	18 52	1 45	5 38	2 29	24 2	0 30	21 8	0 5	19 8	12 36	23 53	23 47	7 40		n.a.
S 23	19 56	19 5	1 53	13 23	3 22	25 35	1 33	18 31	0 48	18 52	1 45	5 38	2 28	24 3	0 30	21 8	0 5	19 8	12 36	23 53	23 47	7 37		n.a.
S 24	20 10	14 29	3 0	13 32	3 9	25 31	1 32	18 42	0 49	18 51	1 46	5 38	2 28	24 3	0 30	21 9	0 5	19 7	12 35	23 53	23 48	7 34		n.a.
M25	20 23	9 4	3 56	13 44	2 55	25 25	1 30	18 54	0 49	18 51	1 46	5 38	2 28	24 3	0 30	21 9	0 5	19 7	12 35	23 53	23 48	7 31		n.a.
T 26	20 36	3 11	4 39	13 59	2 40	25 19	1 28	19 5	0 49	18 50	1 47	5 37	2 27	24 4	0 30	21 10	0 5	19 7	12 34	23 53	23 48	7 28		n.a.
W27	20 49	2n52	5 4	14 17	2 24	25 12	1 26	19 16	0 50	18 50	1 47	5 37	2 27	24 4	0 30	21 10	0 5	19 6	12 34	23 53	23 48	7 25		n.a.
T 28	21 2	8 45	5 11	14 38	2 8	25 5	1 24	19 27	0 50	18 50	1 47	5 37	2 27	24 4	0 30	21 10	0 5	19 6	12 33	23 53	23 48	7 23		n.a.
F 29	21 14	14 9	4 58	15 1	1 52	24 56	1 22	19 37	0 51	18 50	1 48	5 37	2 27	24 5	0 30	21 11	0 5	19 5	12 33	23 53	23 49	7 20		n.a.
S 30	21n25	18n45	4n29	15n27	1s36	24n47	1n19	19n48	0n51	18s50	1s48	5n37	2n26	24n 5	0n30	21n11	0s 5	19n 5	12n32	23s54	23s49	7n17		n.a.

Julian Day Number = 198481.5, Delta T = 32h14m43s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'23, Lahiri = -61°14'23 Julian Calendar 1 June 4170 BCE == Greg. Calendar 29 Apr. 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

JULY 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 25 17	4♊20'39	21♉38	16♉21	14♋ 3	23♉22	13♒57	21♍42	18♊28	2♊40	11♍11	7°R29	8♏44	1♍58	n.a.	S 1
M 2	16 29 14	5°18'57	5♊ 6	17°11	15°14	24° 0	13°58	21°42	18°32	2°43	11°11	7♏24	8°41	2° 5	n.a.	M 2
T 3	16 33 11	6°17'17	18°17	18° 9	16°24	24°39	13°59	21°42	18°35	2°45	11°11	7°21	8°38	2°11	n.a.	T 3
W 4	16 37 7	7°15'40	1♋ 9	19°14	17°35	25°17	13°59	21°43	18°39	2°47	11°12	7°D20	8°35	2°18	n.a.	W 4
T 5	16 41 4	8°14'04	13°43	20°26	18°45	25°56	14° 0	21°43	18°43	2°49	11°12	7°20	8°32	2°25	n.a.	T 5
F 6	16 45 0	9°12'30	26° 2	21°44	19°56	26°34	14°R 0	21°44	18°47	2°52	11°12	7°21	8°29	2°32	n.a.	F 6
S 7	16 48 57	10°10'58	8♌ 7	23° 7	21° 6	27°12	14° 0	21°44	18°50	2°54	11°13	7°23	8°25	2°38	n.a.	S 7
S 8	16 52 53	11° 9'28	20° 4	24°35	22°16	27°51	14° 0	21°45	18°54	2°56	11°13	7°24	8°22	2°45	n.a.	S 8
M 9	16 56 50	12° 8'00	1♍56	26° 8	23°26	28°29	13°59	21°46	18°58	2°58	11°13	7°26	8°19	2°52	n.a.	M 9
T 10	17 0 46	13° 6'34	13°47	27°45	24°36	29° 8	13°58	21°47	19° 2	3° 0	11°14	7°R26	8°16	2°58	n.a.	T 10
W11	17 4 43	14° 5'10	25°44	29°25	25°46	29°46	13°58	21°48	19° 5	3° 3	11°14	7°25	8°13	3° 5	n.a.	W11
T 12	17 8 40	15° 3'47	7♎51	1♊ 9	26°55	0♊25	13°57	21°49	19° 9	3° 5	11°15	7°24	8° 9	3°12	n.a.	T 12
F 13	17 12 36	16° 2'27	20°11	2°54	28° 5	1° 3	13°55	21°50	19°13	3° 7	11°16	7°21	8° 6	3°18	n.a.	F 13
S 14	17 16 33	17° 1'09	2♏49	4°42	29°15	1°41	13°54	21°52	19°17	3° 9	11°16	7°18	8° 3	3°25	n.a.	S 14
S 15	17 20 29	17°59'52	15°46	6°32	0♌24	2°20	13°52	21°53	19°21	3°11	11°17	7°15	8° 0	3°32	n.a.	S 15
M16	17 24 26	18°58'38	29° 4	8°22	1°34	2°58	13°51	21°55	19°24	3°14	11°18	7°13	7°57	3°39	n.a.	M16
T 17	17 28 22	19°57'26	12♐41	10°14	2°43	3°37	13°49	21°56	19°28	3°16	11°18	7°11	7°54	3°45	n.a.	T 17
W18	17 32 19	20°56'16	26°36	12° 6	3°52	4°15	13°46	21°58	19°32	3°18	11°19	7°10	7°50	3°52	n.a.	W18
T 19	17 36 15	21°55'09	10♑46	13°58	5° 1	4°54	13°44	22° 0	19°36	3°20	11°20	7°D10	7°47	3°59	n.a.	T 19
F 20	17 40 12	22°54'04	25° 5	15°50	6°11	5°32	13°41	22° 2	19°40	3°22	11°21	7°10	7°44	4° 5	n.a.	F 20
S 21	17 44 8	23°53'01	9♒29	17°43	7°19	6°11	13°39	22° 4	19°43	3°24	11°21	7°11	7°41	4°12	n.a.	S 21
S 22	17 48 5	24°52'01	23°54	19°35	8°28	6°49	13°36	22° 6	19°47	3°26	11°22	7°12	7°38	4°19	n.a.	S 22
M23	17 52 1	25°51'03	8♓15	21°26	9°37	7°28	13°32	22° 8	19°51	3°29	11°23	7°13	7°35	4°25	n.a.	M23
T 24	17 55 58	26°50'07	22°30	23°17	10°46	8° 6	13°29	22°10	19°55	3°31	11°24	7°R13	7°31	4°32	n.a.	T 24
W25	17 59 55	27°49'15	6♈36	25° 8	11°54	8°45	13°25	22°12	19°58	3°33	11°25	7°13	7°28	4°39	n.a.	W25
T 26	18 3 51	28°48'25	20°31	26°57	13° 2	9°24	13°22	22°15	20° 2	3°35	11°26	7°13	7°25	4°46	n.a.	T 26
F 27	18 7 48	29°47'37	4♉15	28°46	14°11	10° 2	13°18	22°17	20° 6	3°37	11°27	7°12	7°22	4°52	n.a.	F 27
S 28	18 11 44	0♋46'53	17°45	0♋35	15°19	10°41	13°14	22°20	20°10	3°39	11°28	7°11	7°19	4°59	n.a.	S 28
S 29	18 15 41	1°46'10	1♊ 3	2°22	16°27	11°19	13° 9	22°23	20°13	3°41	11°29	7°10	7°15	5° 6	n.a.	S 29
M30	18 19 37	2°45'31	14° 6	4° 9	17°35	11°58	13° 5	22°26	20°17	3°43	11°31	7°10	7°12	5°12	n.a.	M30
T 31	18 23 34	3♋44'53	26♊56	5♋54	18♌43	12♊37	13♒ 0	22♍29	20♊21	3♊45	11♍32	7♏10	7♏ 9	5♍19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n36	22n16	3n44	15n55	1s20	24n37	1n17	19n58	0n52	18s50	1s48	5n36	2n26	24n 5	0n30	21n12	0s 5	19n 4	12n32	23s54	23s49	7n14			n.a.
M 2	21 47	24 29	2 47	16 25	1 4	24 27	1 15	20 9	0 52	18 50	1 49	5 36	2 26	24 6	0 30	21 12	0 5	19 3	12 31	23 54	23 49	7 11			n.a.
T 3	21 58	25 17	1 42	16 57	0 49	24 16	1 12	20 19	0 53	18 50	1 49	5 36	2 26	24 6	0 30	21 13	0 5	19 3	12 31	23 54	23 49	7 8			n.a.
W 4	22 8	24 40	0 34	17 29	0 34	24 4	1 9	20 29	0 53	18 50	1 49	5 35	2 25	24 6	0 30	21 13	0 5	19 2	12 30	23 54	23 50	7 5			n.a.
T 5	22 18	22 48	0s35	18 3	0 19	23 52	1 7	20 39	0 53	18 50	1 50	5 35	2 25	24 7	0 30	21 14	0 5	19 2	12 30	23 54	23 50	7 2			n.a.
F 6	22 27	19 53	1 41	18 38	0 5	23 38	1 4	20 48	0 54	18 51	1 50	5 34	2 25	24 7	0 30	21 14	0 5	19 1	12 29	23 54	23 50	6 59			n.a.
S 7	22 36	16 10	2 41	19 12	0n 8	23 25	1 1	20 58	0 54	18 51	1 50	5 34	2 24	24 7	0 30	21 15	0 5	19 1	12 29	23 54	23 50	6 56			n.a.
S 8	22 45	11 50	3 33	19 47	0 21	23 10	0 58	21 7	0 55	18 51	1 51	5 33	2 24	24 8	0 30	21 15	0 5	19 0	12 28	23 54	23 51	6 53			n.a.
M 9	22 53	7 6	4 16	20 22	0 33	22 55	0 55	21 17	0 55	18 52	1 51	5 33	2 24	24 8	0 30	21 16	0 5	18 59	12 28	23 54	23 51	6 50			n.a.
T 10	23 1	2 8	4 48	20 55	0 44	22 39	0 52	21 26	0 55	18 52	1 52	5 32	2 24	24 8	0 30	21 16	0 5	18 59	12 27	23 54	23 51	6 47			n.a.
W11	23 8	2s57	5 8	21 28	0 54	22 23	0 49	21 35	0 56	18 53	1 52	5 31	2 23	24 9	0 30	21 16	0 5	18 58	12 27	23 54	23 51	6 45			n.a.
T 12	23 15	7 59	5 15	21 59	1 3	22 6	0 45	21 44	0 56	18 54	1 52	5 31	2 23	24 9	0 30	21 17	0 5	18 57	12 26	23 54	23 51	6 42			n.a.
F 13	23 21	12 49	5 7	22 30	1 11	21 49	0 42	21 52	0 57	18 54	1 53	5 30	2 23	24 9	0 30	21 17	0 5	18 57	12 26	23 54	23 52	6 39			n.a.
S 14	23 27	17 13	4 44	22 58	1 19	21 31	0 38	22 1	0 57	18 55	1 53	5 29	2 22	24 10	0 30	21 18	0 5	18 56	12 25	23 54	23 52	6 36			n.a.
S 15	23 33	20 57	4 7	23 24	1 25	21 12	0 35	22 9	0 58	18 56	1 53	5 28	2 22	24 10	0 30	21 18	0 5	18 55	12 25	23 55	23 52	6 33			n.a.
M16	23 38	23 41	3 15	23 49	1 31	20 53	0 31	22 17	0 58	18 57	1 54	5 28	2 22	24 10	0 30	21 19	0 5	18 54	12 24	23 55	23 52	6 30			n.a.
T 17	23 43	25 7	2 11	24 12	1 36	20 33	0 28	22 25	0 58	18 58	1 54	5 27	2 22	24 11	0 30	21 19	0 5	18 54	12 24	23 55	23 52	6 27			n.a.
W18	23 48	25 2	0 58	24 32	1 40	20 13	0 24	22 33	0 59	18 59	1 54	5 26	2 21	24 11	0 30	21 20	0 5	18 53	12 23	23 55	23 53	6 24			n.a.
T 19	23 51	23 20	0n20	24 50	1 43	19 52	0 20	22 41	0 59	19 0	1 55	5 25	2 21	24 11	0 30	21 20	0 5	18 52	12 23	23 55	23 53	6 21			n.a.
F 20	23 55	20 7	1 38	25 6	1 46	19 31	0 16	22 49	1 0	19 1	1 55	5 24	2 21	24 12	0 30	21 20	0 5	18 51	12 22	23 55	23 53	6 18			n.a.
S 21	23 58	15 40	2 49	25 19	1 48	19 9	0 12	22 56	1 0	19 2	1 55	5 23	2 21	24 12	0 30	21 21	0 5	18 51	12 22	23 55	23 53	6 15			n.a.
S 22	24 1	10 19	3 51	25 31	1 49	18 47	0 8	23 3	1 0	19 3	1 56	5 22	2 20	24 12	0 30	21 21	0 5	18 50	12 21	23 55	23 53	6 12			n.a.
M23	24 3	4 26	4 37	25 40	1 50	18 24	0 4	23 10	1 1	19 4	1 56	5 20	2 20	24 13	0 30	21 22	0 5	18 49	12 21	23 55	23 53	6 9			n.a.
T 24	24 4	1n37	5 6	25 46	1 50	18 1	0s 0	23 17	1 1	19 6	1 56	5 19	2 20	24 13	0 30	21 22	0 5	18 48	12 20	23 55	23 54	6 7			n.a.
W25	24 6	7 31	5 17	25 51	1 50	17 38	0 5	23 24	1 2	19 7	1 57	5 18	2 20	24 13	0 30	21 23	0 5	18 47	12 20	23 55	23 54	6 4			n.a.
T 26	24 6	12 58	5 8	25 53	1 49	17 14	0 9	23 30	1 2	19 8	1 57	5 17	2 19	24 13	0 30	21 23	0 5	18 47	12 19	23 55	23 54	6 1			n.a.
F 27	24 7	17 42	4 42	25 54	1 47	16 50	0 13	23 37	1 2	19 10	1 57	5 16	2 19	24 14	0 30	21 23	0 5	18 46	12 19	23 55	23 54	5 58			n.a.
S 28	24 7	21 27	4 1	25 52	1 45	16 25	0 18	23 43	1 3	19 11	1 57	5 14	2 19	24 14	0 30	21 24	0 5	18 45	12 18	23 55	23 54	5 55			n.a.
S 29	24 6	24 0	3 7	25 49	1 43	16 0	0 22	23 49	1 3	19 13	1 58	5 13	2 18	24 14	0 30	21 24	0 5	18 44	12 18	23 55	23 55	5 52			n.a.
M30	24 5	25 12	2 4	25 43	1 40	15 35	0 27	23 55	1 4	19 15	1 58	5 12	2 18	24 15	0 30	21 25	0 5	18 43	12 18	23 55	23 55	5 49			n.a.
T 31	24n 3	25n 1	0n56	25n36	1n37	15n 9	0s31	24n 0	1n 4	19s16	1s58	5n10	2n18	24n15	0n30	21n25	0s 5	18n42	12n17	23s55	23s55	5n46			n.a.

Julian Day Number = 198511.5, Delta T = 32h14m40s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'19, Lahiri = -61°14'18 Julian Calendar 1 July 4170 BCE == Greg. Calendar 29 May 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

AUGUST 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 27 30	4♋44'18	9♋32	7♋39	19♌50	13♊15	12°R55	22♍32	20♊25	3♊47	11♍33	7°D10	7♉ 6	5♍26	n.a.	W 1
T 2	18 31 27	5°43'45	21°56	9°23	20°58	13°54	12♒50	22°35	20°28	3°49	11°34	7♉10	7° 3	5°33	n.a.	T 2
F 3	18 35 23	6°43'15	4♌ 7	11° 7	22° 5	14°33	12°45	22°38	20°32	3°51	11°35	7°R10	7° 0	5°39	n.a.	F 3
S 4	18 39 20	7°42'46	16° 9	12°49	23°12	15°11	12°40	22°41	20°36	3°53	11°37	7°10	6°56	5°46	n.a.	S 4
S 5	18 43 16	8°42'20	28° 4	14°31	24°19	15°50	12°34	22°44	20°39	3°55	11°38	7°10	6°53	5°53	n.a.	S 5
M 6	18 47 13	9°41'56	9♍55	16°11	25°26	16°29	12°29	22°48	20°43	3°57	11°39	7° 9	6°50	5°59	n.a.	M 6
T 7	18 51 9	10°41'33	21°46	17°51	26°33	17° 7	12°23	22°51	20°47	3°59	11°41	7° 9	6°47	6° 6	n.a.	T 7
W 8	18 55 6	11°41'13	3♎41	19°31	27°39	17°46	12°17	22°55	20°50	4° 0	11°42	7° 9	6°44	6°13	n.a.	W 8
T 9	18 59 3	12°40'55	15°45	21° 9	28°46	18°25	12°11	22°58	20°54	4° 2	11°44	7°D 9	6°41	6°19	n.a.	T 9
F 10	19 2 59	13°40'39	28° 3	22°47	29°52	19° 4	12° 4	23° 2	20°57	4° 4	11°45	7° 9	6°37	6°26	n.a.	F 10
S 11	19 6 56	14°40'24	10♏38	24°24	0♍58	19°42	11°58	23° 6	21° 1	4° 6	11°46	7°10	6°34	6°33	n.a.	S 11
S 12	19 10 52	15°40'12	23°35	26° 0	2° 4	20°21	11°52	23°10	21° 4	4° 8	11°48	7°10	6°31	6°40	n.a.	S 12
M13	19 14 49	16°40'02	6♐57	27°36	3° 9	21° 0	11°45	23°14	21° 8	4° 9	11°50	7°11	6°28	6°46	n.a.	M13
T 14	19 18 45	17°39'54	20°43	29°10	4°15	21°39	11°38	23°18	21°11	4°11	11°51	7°12	6°25	6°53	n.a.	T 14
W15	19 22 42	18°39'48	4♑53	0♌45	5°20	22°18	11°31	23°22	21°15	4°13	11°53	7°R12	6°21	7° 0	n.a.	W15
T 16	19 26 38	19°39'44	19°23	2°18	6°25	22°56	11°24	23°26	21°18	4°15	11°54	7°12	6°18	7° 6	n.a.	T 16
F 17	19 30 35	20°39'42	4♒ 9	3°51	7°30	23°35	11°17	23°31	21°22	4°16	11°56	7°11	6°15	7°13	n.a.	F 17
S 18	19 34 31	21°39'43	19° 1	5°23	8°34	24°14	11°10	23°35	21°25	4°18	11°58	7°10	6°12	7°20	n.a.	S 18
S 19	19 38 28	22°39'45	3♓53	6°55	9°38	24°53	11° 2	23°39	21°29	4°20	11°59	7° 8	6° 9	7°27	n.a.	S 19
M20	19 42 24	23°39'50	18°37	8°26	10°42	25°32	10°55	23°44	21°32	4°21	12° 1	7° 6	6° 6	7°33	n.a.	M20
T 21	19 46 21	24°39'58	3♈ 7	9°57	11°46	26°11	10°48	23°49	21°35	4°23	12° 3	7° 4	6° 2	7°40	n.a.	T 21
W22	19 50 17	25°40'08	17°18	11°26	12°50	26°50	10°40	23°53	21°39	4°24	12° 5	7° 3	5°59	7°47	n.a.	W22
T 23	19 54 14	26°40'20	1♉10	12°55	13°53	27°28	10°32	23°58	21°42	4°26	12° 6	7°D 3	5°56	7°53	n.a.	T 23
F 24	19 58 11	27°40'35	14°42	14°24	14°56	28° 7	10°24	24° 3	21°45	4°27	12° 8	7° 4	5°53	8° 0	n.a.	F 24
S 25	20 2 7	28°40'52	27°56	15°52	15°59	28°46	10°17	24° 8	21°48	4°29	12°10	7° 5	5°50	8° 7	n.a.	S 25
S 26	20 6 4	29°41'11	10♊52	17°19	17° 1	29°25	10° 9	24°13	21°52	4°30	12°12	7° 7	5°47	8°13	n.a.	S 26
M27	20 10 0	0♌41'33	23°34	18°46	18° 3	0♋ 4	10° 1	24°18	21°55	4°32	12°14	7° 8	5°43	8°20	n.a.	M27
T 28	20 13 57	1°41'56	6♋ 4	20°11	19° 5	0°43	9°53	24°23	21°58	4°33	12°16	7°R 9	5°40	8°27	n.a.	T 28
W29	20 17 53	2°42'22	18°23	21°36	20° 6	1°22	9°45	24°28	22° 1	4°35	12°18	7° 8	5°37	8°34	n.a.	W29
T 30	20 21 50	3°42'50	0♌33	23° 1	21° 7	2° 1	9°37	24°33	22° 4	4°36	12°20	7° 6	5°34	8°40	n.a.	T 30
F 31	20 25 46	4♌43'20	12♌36	24♌24	22♍ 8	2♋40	9♒29	24♍38	22♊ 7	4♊37	12♍22	7♉ 3	5♉31	8♍47	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	24n 1	23n32	0s13	25n27	1n34	14n43	0s36	24n 6	1n 4	19s18	1s59	5n 9	2n18	24n15	0n30	21n25	0s 5	18n41	12n17	23s55	23s55	5n43		n.a.
T 2	23 59	20 56	1 21	25 16	1 30	14 16	0 41	24 11	1 5	19 20	1 59	5 7	2 17	24 16	0 30	21 26	0 5	18 40	12 16	23 55	23 55	5 40		n.a.
F 3	23 56	17 26	2 24	25 4	1 26	13 50	0 45	24 16	1 5	19 21	1 59	5 6	2 17	24 16	0 30	21 26	0 5	18 40	12 16	23 55	23 55	5 37		n.a.
S 4	23 53	13 16	3 20	24 50	1 21	13 23	0 50	24 21	1 6	19 23	1 59	5 4	2 17	24 16	0 30	21 27	0 5	18 39	12 15	23 55	23 56	5 34		n.a.
S 5	23 49	8 38	4 6	24 34	1 17	12 55	0 55	24 26	1 6	19 25	2 0	5 3	2 17	24 16	0 30	21 27	0 5	18 38	12 15	23 55	23 56	5 31		n.a.
M 6	23 45	3 44	4 42	24 17	1 12	12 28	1 0	24 30	1 6	19 27	2 0	5 1	2 16	24 17	0 30	21 27	0 5	18 37	12 14	23 55	23 56	5 28		n.a.
T 7	23 40	1s18	5 6	23 59	1 7	12 0	1 5	24 35	1 7	19 29	2 0	4 59	2 16	24 17	0 30	21 28	0 5	18 36	12 14	23 55	23 56	5 26		n.a.
W 8	23 35	6 19	5 17	23 40	1 1	11 32	1 10	24 39	1 7	19 31	2 0	4 58	2 16	24 17	0 30	21 28	0 5	18 35	12 13	23 55	23 56	5 23		n.a.
T 9	23 29	11 10	5 14	23 19	0 56	11 4	1 15	24 43	1 7	19 33	2 1	4 56	2 16	24 18	0 30	21 28	0 5	18 34	12 13	23 55	23 56	5 20		n.a.
F 10	23 23	15 40	4 56	22 57	0 50	10 36	1 20	24 47	1 8	19 35	2 1	4 54	2 15	24 18	0 30	21 29	0 5	18 33	12 13	23 55	23 57	5 17		n.a.
S 11	23 17	19 36	4 25	22 34	0 44	10 7	1 25	24 50	1 8	19 37	2 1	4 52	2 15	24 18	0 30	21 29	0 5	18 32	12 12	23 55	23 57	5 14		n.a.
S 12	23 10	22 43	3 39	22 10	0 38	9 38	1 30	24 54	1 9	19 39	2 1	4 51	2 15	24 18	0 30	21 30	0 5	18 31	12 12	23 55	23 57	5 11		n.a.
M13	23 2	24 42	2 40	21 45	0 32	9 9	1 35	24 57	1 9	19 41	2 1	4 49	2 15	24 19	0 30	21 30	0 5	18 30	12 11	23 55	23 57	5 8		n.a.
T 14	22 54	25 17	1 30	21 19	0 26	8 40	1 40	25 0	1 9	19 43	2 2	4 47	2 15	24 19	0 30	21 30	0 5	18 29	12 11	23 55	23 57	5 5		n.a.
W15	22 46	24 14	0 13	20 52	0 19	8 11	1 46	25 3	1 10	19 45	2 2	4 45	2 14	24 19	0 30	21 31	0 5	18 28	12 11	23 55	23 57	5 2		n.a.
T 16	22 37	21 34	1n 7	20 25	0 13	7 42	1 51	25 5	1 10	19 48	2 2	4 43	2 14	24 19	0 30	21 31	0 5	18 27	12 10	23 55	23 58	4 59		n.a.
F 17	22 28	17 26	2 24	19 56	0 6	7 13	1 56	25 8	1 10	19 50	2 2	4 41	2 14	24 20	0 30	21 31	0 5	18 26	12 10	23 55	23 58	4 56		n.a.
S 18	22 19	12 12	3 31	19 27	0s 0	6 43	2 1	25 10	1 11	19 52	2 2	4 39	2 14	24 20	0 30	21 32	0 5	18 25	12 9	23 55	23 58	4 53		n.a.
S 19	22 9	6 16	4 24	18 57	0 7	6 14	2 6	25 12	1 11	19 54	2 2	4 37	2 13	24 20	0 30	21 32	0 5	18 24	12 9	23 55	23 58	4 50		n.a.
M20	21 58	0 3	5 0	18 26	0 14	5 44	2 12	25 14	1 12	19 57	2 3	4 35	2 13	24 20	0 30	21 32	0 5	18 23	12 9	23 55	23 58	4 48		n.a.
T 21	21 48	6n 4	5 15	17 55	0 21	5 15	2 17	25 15	1 12	19 59	2 3	4 33	2 13	24 21	0 30	21 33	0 5	18 22	12 8	23 55	23 58	4 45		n.a.
W22	21 36	11 44	5 11	17 24	0 28	4 45	2 22	25 17	1 12	20 1	2 3	4 31	2 13	24 21	0 30	21 33	0 5	18 21	12 8	23 55	23 59	4 42		n.a.
T 23	21 25	16 41	4 48	16 51	0 35	4 15	2 27	25 18	1 13	20 3	2 3	4 29	2 13	24 21	0 30	21 33	0 5	18 20	12 7	23 55	23 59	4 39		n.a.
F 24	21 13	20 40	4 10	16 19	0 42	3 46	2 32	25 19	1 13	20 6	2 3	4 27	2 12	24 21	0 30	21 33	0 5	18 19	12 7	23 55	23 59	4 36		n.a.
S 25	21 0	23 29	3 20	15 46	0 48	3 16	2 38	25 20	1 13	20 8	2 3	4 24	2 12	24 22	0 30	21 34	0 5	18 17	12 7	23 55	23 59	4 33		n.a.
S 26	20 47	25 1	2 20	15 12	0 55	2 47	2 43	25 21	1 14	20 10	2 3	4 22	2 12	24 22	0 30	21 34	0 4	18 16	12 6	23 55	23 59	4 30		n.a.
M27	20 34	25 11	1 14	14 39	1 2	2 17	2 48	25 21	1 14	20 13	2 3	4 20	2 12	24 22	0 30	21 34	0 4	18 15	12 6	23 55	23 59	4 27		n.a.
T 28	20 20	24 4	0 6	14 5	1 9	1 48	2 53	25 21	1 14	20 15	2 3	4 18	2 12	24 22	0 31	21 35	0 4	18 14	12 6	23 55	23 59	4 24		n.a.
W29	20 6	21 48	1s 1	13 30	1 16	1 18	2 58	25 21	1 15	20 17	2 3	4 16	2 11	24 22	0 31	21 35	0 4	18 13	12 5	23 55	24 0	4 21		n.a.
T 30	19 52	18 34	2 5	12 56	1 23	0 49	3 4	25 21	1 15	20 19	2 4	4 13	2 11	24 23	0 31	21 35	0 4	18 12	12 5	23 55	24 0	4 18		n.a.
F 31	19n37	14n36	3s 2	12n22	1s29	0n20	3s 9	25n21	1n15	20s22	2s 4	4n11	2n11	24n23	0n31	21n35	0s 4	18n11	12n 5	23s55	24s 0	4n15		n.a.

Julian Day Number = 198542.5, Delta T = 32h14m36s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'15, Lahiri = -61°14'14 Julian Calendar 1 Aug. 4170 BCE == Greg. Calendar 29 June 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

SEPTEMBER 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 29 43	5♌43'52	24♌33	25♌47	23♍ 8	3♋19	9°R20	24♍43	22♊10	4♊38	12♍24	6°R58	5♑27	8♍54	n.a.	S 1
S 2	20 33 39	6°44'25	6♍25	27° 8	24° 8	3°58	9♒12	24°49	22°13	4°40	12°26	6♑53	5°24	9° 0	n.a.	S 2
M 3	20 37 36	7°45'00	18°16	28°29	25° 8	4°37	9° 4	24°54	22°16	4°41	12°28	6°47	5°21	9° 7	n.a.	M 3
T 4	20 41 32	8°45'37	0♎ 7	29°48	26° 7	5°16	8°56	25° 0	22°19	4°42	12°30	6°41	5°18	9°14	n.a.	T 4
W 5	20 45 29	9°46'15	12° 1	1♍ 7	27° 6	5°55	8°48	25° 5	22°22	4°43	12°32	6°37	5°15	9°21	n.a.	W 5
T 6	20 49 26	10°46'55	24° 3	2°23	28° 4	6°35	8°40	25°11	22°25	4°45	12°34	6°34	5°12	9°27	n.a.	T 6
F 7	20 53 22	11°47'37	6♏16	3°39	29° 2	7°14	8°31	25°17	22°28	4°46	12°36	6°D32	5° 8	9°34	n.a.	F 7
S 8	20 57 19	12°48'20	18°45	4°52	29°59	7°53	8°23	25°22	22°30	4°47	12°38	6°32	5° 5	9°41	n.a.	S 8
S 9	21 1 15	13°49'04	1♐35	6° 4	0♎56	8°32	8°15	25°28	22°33	4°48	12°40	6°34	5° 2	9°47	n.a.	S 9
M10	21 5 12	14°49'50	14°49	7°14	1°53	9°11	8° 7	25°34	22°36	4°49	12°42	6°35	4°59	9°54	n.a.	M10
T 11	21 9 8	15°50'38	28°31	8°21	2°48	9°50	7°59	25°40	22°38	4°50	12°44	6°36	4°56	10° 1	n.a.	T 11
W12	21 13 5	16°51'26	12♑41	9°26	3°44	10°29	7°51	25°46	22°41	4°51	12°47	6°R36	4°53	10° 8	n.a.	W12
T 13	21 17 1	17°52'16	27°18	10°27	4°38	11° 8	7°43	25°52	22°44	4°52	12°49	6°35	4°49	10°14	n.a.	T 13
F 14	21 20 58	18°53'08	12♒17	11°25	5°32	11°48	7°35	25°58	22°46	4°53	12°51	6°31	4°46	10°21	n.a.	F 14
S 15	21 24 54	19°54'01	27°29	12°20	6°26	12°27	7°27	26° 4	22°49	4°53	12°53	6°26	4°43	10°28	n.a.	S 15
S 16	21 28 51	20°54'55	12♓44	13°10	7°18	13° 6	7°20	26°10	22°51	4°54	12°55	6°19	4°40	10°34	n.a.	S 16
M17	21 32 48	21°55'51	27°52	13°55	8°11	13°45	7°12	26°16	22°53	4°55	12°58	6°12	4°37	10°41	n.a.	M17
T 18	21 36 44	22°56'49	12♈43	14°35	9° 2	14°25	7° 4	26°22	22°56	4°56	13° 0	6° 5	4°33	10°48	n.a.	T 18
W19	21 40 41	23°57'48	27°10	15° 8	9°52	15° 4	6°57	26°29	22°58	4°57	13° 2	6° 0	4°30	10°55	n.a.	W19
T 20	21 44 37	24°58'49	11♉11	15°35	10°42	15°43	6°49	26°35	23° 0	4°57	13° 4	5°57	4°27	11° 1	n.a.	T 20
F 21	21 48 34	25°59'51	24°44	15°54	11°31	16°22	6°42	26°41	23° 3	4°58	13° 7	5°D56	4°24	11° 8	n.a.	F 21
S 22	21 52 30	27° 0'56	7♊53	16° 5	12°20	17° 2	6°35	26°47	23° 5	4°59	13° 9	5°57	4°21	11°15	n.a.	S 22
S 23	21 56 27	28° 2'01	20°40	16°R 6	13° 7	17°41	6°28	26°54	23° 7	4°59	13°11	5°58	4°18	11°21	n.a.	S 23
M24	22 0 23	29° 3'09	3♋ 9	15°58	13°53	18°20	6°21	27° 0	23° 9	5° 0	13°14	5°R59	4°14	11°28	n.a.	M24
T 25	22 4 20	0♍ 4'17	15°25	15°39	14°39	19° 0	6°14	27° 7	23°11	5° 0	13°16	5°58	4°11	11°35	n.a.	T 25
W26	22 8 17	1° 5'27	27°31	15°10	15°24	19°39	6° 7	27°13	23°13	5° 1	13°18	5°55	4° 8	11°42	n.a.	W26
T 27	22 12 13	2° 6'39	9♌30	14°29	16° 7	20°18	6° 1	27°20	23°15	5° 1	13°21	5°50	4° 5	11°48	n.a.	T 27
F 28	22 16 10	3° 7'51	21°25	13°38	16°50	20°58	5°54	27°26	23°17	5° 2	13°23	5°42	4° 2	11°55	n.a.	F 28
S 29	22 20 6	4° 9'04	3♍17	12°37	17°31	21°37	5°48	27°33	23°19	5° 2	13°25	5°32	3°58	12° 2	n.a.	S 29
S 30	22 24 3	5♍10'19	15♍ 9	11♍27	18♎11	22♋16	5♒42	27♍40	23♊20	5♊ 2	13♍28	5♑20	3♑55	12♍ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n22	10n 5	3s51	11n47	1s36	0s 9	3s14	25n20	1n16	20s24	2s 4	4n 9	2n11	24n23	0n31	21n36	0s 4	18n10	12n 4	23s56	24s 0	4n12		n.a.
S 2	19 7	5 15	4 29	11 13	1 42	0 38	3 19	25 19	1 16	20 26	2 4	4 6	2 11	24 23	0 31	21 36	0 4	18 9	12 4	23 56	24 0	4 9		n.a.
M 3	18 51	0 15	4 56	10 39	1 48	1 7	3 24	25 18	1 17	20 29	2 4	4 4	2 10	24 24	0 31	21 36	0 4	18 8	12 4	23 56	24 0	4 7		n.a.
T 4	18 35	4s45	5 10	10 5	1 54	1 35	3 29	25 17	1 17	20 31	2 4	4 1	2 10	24 24	0 31	21 36	0 4	18 7	12 3	23 56	24 0	4 4		n.a.
W 5	18 18	9 37	5 10	9 31	2 0	2 4	3 34	25 16	1 17	20 33	2 4	3 59	2 10	24 24	0 31	21 37	0 4	18 6	12 3	23 57	24 0	4 1		n.a.
T 6	18 1	14 10	4 57	8 58	2 6	2 32	3 38	25 14	1 18	20 35	2 4	3 57	2 10	24 24	0 31	21 37	0 4	18 4	12 3	23 57	24 1	3 58		n.a.
F 7	17 44	18 14	4 31	8 25	2 11	3 0	3 43	25 12	1 18	20 37	2 4	3 54	2 10	24 24	0 31	21 37	0 4	18 3	12 3	23 57	24 1	3 55		n.a.
S 8	17 26	21 35	3 51	7 53	2 16	3 28	3 48	25 10	1 18	20 40	2 3	3 52	2 9	24 25	0 31	21 37	0 4	18 2	12 2	23 57	24 1	3 52		n.a.
S 9	17 9	23 59	2 59	7 22	2 21	3 55	3 53	25 8	1 19	20 42	2 3	3 49	2 9	24 25	0 31	21 37	0 4	18 1	12 2	23 57	24 1	3 49		n.a.
M10	16 50	25 8	1 56	6 51	2 26	4 22	3 57	25 6	1 19	20 44	2 3	3 47	2 9	24 25	0 31	21 38	0 4	18 0	12 2	23 57	24 1	3 46		n.a.
T 11	16 32	24 50	0 44	6 22	2 30	4 49	4 2	25 3	1 19	20 46	2 3	3 44	2 9	24 25	0 31	21 38	0 4	17 59	12 1	23 57	24 1	3 43		n.a.
W12	16 13	22 57	0n33	5 54	2 34	5 16	4 6	25 0	1 20	20 48	2 3	3 41	2 9	24 25	0 31	21 38	0 4	17 58	12 1	23 57	24 1	3 40		n.a.
T 13	15 54	19 30	1 50	5 27	2 37	5 42	4 10	24 57	1 20	20 50	2 3	3 39	2 9	24 25	0 31	21 38	0 4	17 57	12 1	23 57	24 1	3 37		n.a.
F 14	15 35	14 42	3 1	5 2	2 39	6 8	4 15	24 54	1 20	20 52	2 3	3 36	2 8	24 26	0 31	21 38	0 4	17 56	12 1	23 57	24 2	3 34		n.a.
S 15	15 15	8 56	4 0	4 39	2 41	6 34	4 19	24 51	1 20	20 54	2 3	3 34	2 8	24 26	0 31	21 39	0 4	17 54	12 0	23 57	24 2	3 32		n.a.
S 16	14 56	2 38	4 43	4 19	2 42	6 59	4 23	24 47	1 21	20 56	2 3	3 31	2 8	24 26	0 31	21 39	0 4	17 53	12 0	23 58	24 2	3 29		n.a.
M17	14 35	3n46	5 5	4 0	2 43	7 24	4 27	24 44	1 21	20 58	2 3	3 28	2 8	24 26	0 31	21 39	0 4	17 52	12 0	23 58	24 2	3 26		n.a.
T 18	14 15	9 50	5 6	3 45	2 42	7 48	4 31	24 40	1 21	21 0	2 3	3 26	2 8	24 26	0 31	21 39	0 4	17 51	12 0	23 58	24 2	3 23		n.a.
W19	13 54	15 12	4 47	3 33	2 41	8 12	4 35	24 35	1 22	21 2	2 2	3 23	2 8	24 26	0 31	21 39	0 4	17 50	12 0	23 58	24 2	3 20		n.a.
T 20	13 33	19 35	4 12	3 25	2 38	8 36	4 38	24 31	1 22	21 3	2 2	3 20	2 8	24 27	0 31	21 39	0 4	17 49	11 59	23 59	24 2	3 17		n.a.
F 21	13 12	22 46	3 23	3 21	2 34	8 59	4 42	24 26	1 22	21 5	2 2	3 18	2 7	24 27	0 31	21 40	0 4	17 48	11 59	23 59	24 2	3 14		n.a.
S 22	12 51	24 38	2 25	3 22	2 29	9 21	4 45	24 22	1 23	21 7	2 2	3 15	2 7	24 27	0 31	21 40	0 4	17 47	11 59	23 59	24 2	3 11		n.a.
S 23	12 29	25 8	1 22	3 27	2 22	9 43	4 48	24 17	1 23	21 9	2 2	3 12	2 7	24 27	0 31	21 40	0 4	17 46	11 59	23 59	24 3	3 8		n.a.
M24	12 8	24 20	0 15	3 38	2 14	10 5	4 51	24 12	1 23	21 10	2 2	3 9	2 7	24 27	0 31	21 40	0 4	17 45	11 59	23 59	24 3	3 5		n.a.
T 25	11 46	22 22	0s50	3 55	2 4	10 25	4 54	24 6	1 24	21 12	2 1	3 7	2 7	24 27	0 31	21 40	0 4	17 44	11 58	23 59	24 3	3 2		n.a.
W26	11 23	19 24	1 53	4 18	1 52	10 46	4 57	24 1	1 24	21 13	2 1	3 4	2 7	24 28	0 31	21 40	0 4	17 42	11 58	23 59	24 3	3 0		n.a.
T 27	11 1	15 40	2 49	4 47	1 38	11 6	4 59	23 55	1 24	21 15	2 1	3 1	2 7	24 28	0 31	21 40	0 4	17 41	11 58	23 59	24 3	2 57		n.a.
F 28	10 38	11 20	3 38	5 21	1 22	11 25	5 2	23 49	1 24	21 16	2 1	2 58	2 7	24 28	0 32	21 40	0 4	17 40	11 58	23 59	24 3	2 54		n.a.
S 29	10 16	6 36	4 17	6 1	1 5	11 43	5 4	23 43	1 25	21 18	2 0	2 55	2 6	24 28	0 32	21 40	0 4	17 39	11 58	24 0	24 3	2 51		n.a.
S 30	9n53	1n39	4s45	6n45	0s47	12s 1	5s 6	23n37	1n25	21s19	2s 0	2n53	2n 6	24n28	0n32	21n40	0s 4	17n38	11n58	24s 0	24s 3	2n48		n.a.

Julian Day Number = 198573.5, Delta T = 32h14m33s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'11, Lahiri = -61°14'10 Julian Calendar 1 Sept. 4170 BCE == Greg. Calendar 30 July 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

OCTOBER 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 27 59	6♍11'34	27♍ 0	10°R11	18♎50	22♋56	5°R35	27♍46	23♊22	5♊ 3	13♍30	5°R 7	3♉52	12♍15	n.a.	M 1
T 2	22 31 56	7°12'50	8♎54	8♍50	19°28	23°35	5♒30	27°53	23°24	5° 3	13°32	4♉55	3°49	12°22	n.a.	T 2
W 3	22 35 52	8°14'07	20°51	7°27	20° 5	24°15	5°24	28° 0	23°25	5° 3	13°35	4°44	3°46	12°29	n.a.	W 3
T 4	22 39 49	9°15'24	2♏55	6° 6	20°40	24°54	5°18	28° 7	23°27	5° 4	13°37	4°36	3°43	12°35	n.a.	T 4
F 5	22 43 46	10°16'42	15° 8	4°48	21°14	25°33	5°13	28°13	23°28	5° 4	13°39	4°30	3°39	12°42	n.a.	F 5
S 6	22 47 42	11°18'01	27°34	3°36	21°46	26°13	5° 8	28°20	23°30	5° 4	13°42	4°27	3°36	12°49	n.a.	S 6
S 7	22 51 39	12°19'20	10♐17	2°33	22°17	26°52	5° 2	28°27	23°31	5° 4	13°44	4°D26	3°33	12°55	n.a.	S 7
M 8	22 55 35	13°20'40	23°22	1°39	22°46	27°32	4°58	28°34	23°33	5° 4	13°46	4°26	3°30	13° 2	n.a.	M 8
T 9	22 59 32	14°22'00	6♑52	0°56	23°14	28°11	4°53	28°41	23°34	5° 4	13°49	4°R27	3°27	13° 9	n.a.	T 9
W10	23 3 28	15°23'20	20°50	0°25	23°39	28°51	4°48	28°47	23°35	5°R 4	13°51	4°25	3°24	13°16	n.a.	W10
T 11	23 7 25	16°24'40	5♒17	0° 4	24° 3	29°30	4°44	28°54	23°36	5° 4	13°54	4°22	3°20	13°22	n.a.	T 11
F 12	23 11 21	17°26'01	20°10	29°D55	24°25	0♏10	4°40	29° 1	23°38	5° 4	13°56	4°16	3°17	13°29	n.a.	F 12
S 13	23 15 18	18°27'22	5♓23	29♏56	24°46	0°49	4°36	29° 8	23°39	5° 4	13°58	4° 7	3°14	13°36	n.a.	S 13
S 14	23 19 15	19°28'43	20°45	0♍ 6	25° 4	1°29	4°32	29°15	23°40	5° 4	14° 1	3°57	3°11	13°42	n.a.	S 14
M15	23 23 11	20°30'05	6♈ 5	0°26	25°20	2° 8	4°28	29°22	23°41	5° 4	14° 3	3°45	3° 8	13°49	n.a.	M15
T 16	23 27 8	21°31'27	21°11	0°54	25°34	2°48	4°25	29°29	23°42	5° 4	14° 5	3°35	3° 4	13°56	n.a.	T 16
W17	23 31 4	22°32'49	5♉54	1°28	25°46	3°27	4°22	29°36	23°42	5° 3	14° 8	3°26	3° 1	14° 3	n.a.	W17
T 18	23 35 1	23°34'12	20° 8	2°10	25°55	4° 7	4°19	29°43	23°43	5° 3	14°10	3°19	2°58	14° 9	n.a.	T 18
F 19	23 38 57	24°35'36	3♊52	2°57	26° 3	4°46	4°16	29°50	23°44	5° 3	14°12	3°16	2°55	14°16	n.a.	F 19
S 20	23 42 54	25°37'00	17° 6	3°49	26° 8	5°26	4°13	29°57	23°45	5° 2	14°15	3°14	2°52	14°23	n.a.	S 20
S 21	23 46 51	26°38'24	29°54	4°45	26°10	6° 6	4°11	0♎ 4	23°45	5° 2	14°17	3°14	2°49	14°29	n.a.	S 21
M22	23 50 47	27°39'49	12♋21	5°46	26°R10	6°45	4° 9	0°11	23°46	5° 2	14°19	3°14	2°45	14°36	n.a.	M22
T 23	23 54 44	28°41'14	24°33	6°50	26° 8	7°25	4° 7	0°18	23°47	5° 1	14°22	3°13	2°42	14°43	n.a.	T 23
W24	23 58 40	29°42'40	6♌33	7°57	26° 3	8° 4	4° 5	0°25	23°47	5° 1	14°24	3° 9	2°39	14°50	n.a.	W24
T 25	0 2 37	0♎44'05	18°26	9° 7	25°56	8°44	4° 3	0°32	23°47	5° 0	14°26	3° 2	2°36	14°56	n.a.	T 25
F 26	0 6 33	1°45'30	0♍17	10°19	25°46	9°24	4° 2	0°39	23°48	5° 0	14°29	2°52	2°33	15° 3	n.a.	F 26
S 27	0 10 30	2°46'56	12° 7	11°33	25°34	10° 3	4° 0	0°46	23°48	4°59	14°31	2°40	2°30	15°10	n.a.	S 27
S 28	0 14 27	3°48'21	23°59	12°49	25°19	10°43	4° 0	0°53	23°48	4°59	14°33	2°25	2°26	15°16	n.a.	S 28
M29	0 18 23	4°49'46	5♎55	14° 7	25° 2	11°23	3°59	1° 0	23°48	4°58	14°35	2°10	2°23	15°23	n.a.	M29
T 30	0 22 20	5°51'11	17°55	15°26	24°42	12° 2	3°58	1° 7	23°49	4°57	14°38	1°55	2°20	15°30	n.a.	T 30
W31	0 26 16	6♎52'36	0♏ 1	16♍46	24♎20	12♌42	3♒58	1♎14	23♊49	4♊57	14♍40	1♉41	2♉17	15♍37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9n29	3s20	5s 0	7n33	0s27	12s18	5s 8	23n30	1n25	21s20	2s 0	2n50	2n 6	24n28	0n32	21n41	0s 4	17n37	11n58	24s 1	24s 3	2n45		n.a.
T 2	9 6	8 14	5 2	8 23	0 7	12 34	5 9	23 24	1 26	21 22	2 0	2 47	2 6	24 28	0 32	21 41	0 4	17 36	11 57	24 1	24 3	2 42		n.a.
W 3	8 43	12 50	4 51	9 13	0n14	12 50	5 11	23 17	1 26	21 23	1 59	2 44	2 6	24 28	0 32	21 41	0 4	17 35	11 57	24 2	24 4	2 39		n.a.
T 4	8 19	16 59	4 27	10 3	0 34	13 5	5 12	23 10	1 26	21 24	1 59	2 41	2 6	24 29	0 32	21 41	0 4	17 34	11 57	24 2	24 4	2 36		n.a.
F 5	7 55	20 30	3 51	10 51	0 53	13 18	5 12	23 3	1 26	21 25	1 59	2 38	2 6	24 29	0 32	21 41	0 4	17 33	11 57	24 2	24 4	2 33		n.a.
S 6	7 32	23 8	3 3	11 35	1 12	13 32	5 13	22 55	1 27	21 26	1 59	2 36	2 6	24 29	0 32	21 41	0 4	17 32	11 57	24 2	24 4	2 30		n.a.
S 7	7 8	24 40	2 5	12 14	1 28	13 44	5 13	22 48	1 27	21 27	1 58	2 33	2 6	24 29	0 32	21 41	0 4	17 31	11 57	24 2	24 4	2 28		n.a.
M 8	6 43	24 55	0 59	12 47	1 43	13 55	5 13	22 40	1 27	21 28	1 58	2 30	2 6	24 29	0 32	21 41	0 4	17 30	11 57	24 2	24 4	2 25		n.a.
T 9	6 19	23 43	0n13	13 15	1 57	14 5	5 13	22 32	1 27	21 29	1 58	2 27	2 5	24 29	0 32	21 41	0 4	17 29	11 57	24 2	24 4	2 22		n.a.
W10	5 55	21 2	1 26	13 37	2 8	14 15	5 12	22 24	1 28	21 30	1 58	2 24	2 5	24 29	0 32	21 41	0 4	17 28	11 57	24 2	24 4	2 19		n.a.
T 11	5 30	16 58	2 36	13 53	2 17	14 23	5 11	22 16	1 28	21 31	1 57	2 21	2 5	24 29	0 32	21 41	0 4	17 27	11 57	24 2	24 4	2 16		n.a.
F 12	5 6	11 45	3 37	14 4	2 24	14 30	5 10	22 7	1 28	21 31	1 57	2 18	2 5	24 29	0 32	21 41	0 4	17 26	11 57	24 3	24 4	2 13		n.a.
S 13	4 41	5 43	4 24	14 9	2 30	14 36	5 8	21 59	1 29	21 32	1 57	2 15	2 5	24 30	0 32	21 41	0 4	17 25	11 56	24 3	24 4	2 10		n.a.
S 14	4 17	0n42	4 53	14 9	2 34	14 41	5 6	21 50	1 29	21 33	1 56	2 13	2 5	24 30	0 32	21 41	0 4	17 24	11 56	24 3	24 5	2 7		n.a.
M15	3 52	7 3	5 1	14 4	2 37	14 45	5 3	21 41	1 29	21 33	1 56	2 10	2 5	24 30	0 32	21 41	0 4	17 23	11 56	24 4	24 5	2 4		n.a.
T 16	3 27	12 54	4 47	13 55	2 38	14 48	5 0	21 32	1 29	21 34	1 56	2 7	2 5	24 30	0 32	21 41	0 4	17 22	11 56	24 4	24 5	2 1		n.a.
W17	3 2	17 51	4 14	13 43	2 39	14 49	4 57	21 23	1 29	21 34	1 55	2 4	2 5	24 30	0 32	21 41	0 4	17 21	11 56	24 4	24 5	1 59		n.a.
T 18	2 37	21 35	3 27	13 27	2 38	14 49	4 53	21 13	1 30	21 35	1 55	2 1	2 5	24 30	0 32	21 41	0 4	17 20	11 56	24 4	24 5	1 56		n.a.
F 19	2 12	23 57	2 29	13 8	2 36	14 48	4 49	21 4	1 30	21 35	1 55	1 58	2 5	24 30	0 32	21 41	0 4	17 19	11 56	24 4	24 5	1 53		n.a.
S 20	1 47	24 52	1 24	12 46	2 34	14 45	4 44	20 54	1 30	21 35	1 54	1 55	2 5	24 30	0 32	21 41	0 4	17 18	11 56	24 4	24 5	1 50		n.a.
S 21	1 22	24 25	0 18	12 22	2 31	14 41	4 39	20 44	1 30	21 36	1 54	1 52	2 5	24 30	0 32	21 41	0 4	17 17	11 56	24 4	24 5	1 47		n.a.
M22	0 57	22 43	0s48	11 56	2 27	14 36	4 33	20 34	1 31	21 36	1 54	1 49	2 5	24 30	0 32	21 41	0 4	17 16	11 56	24 4	24 5	1 44		n.a.
T 23	0 32	20 1	1 50	11 27	2 23	14 29	4 26	20 24	1 31	21 36	1 53	1 46	2 5	24 30	0 32	21 41	0 4	17 15	11 56	24 4	24 5	1 41		n.a.
W24	0 7	16 29	2 46	10 57	2 18	14 21	4 19	20 13	1 31	21 36	1 53	1 43	2 5	24 30	0 33	21 40	0 4	17 14	11 56	24 5	24 5	1 38		n.a.
T 25	0s18	12 20	3 34	10 25	2 13	14 11	4 12	20 3	1 31	21 36	1 53	1 41	2 5	24 30	0 33	21 40	0 4	17 13	11 56	24 5	24 5	1 35		n.a.
F 26	0 43	7 45	4 13	9 52	2 8	14 0	4 4	19 52	1 31	21 36	1 52	1 38	2 4	24 30	0 33	21 40	0 4	17 12	11 56	24 5	24 5	1 33		n.a.
S 27	1 8	2 54	4 40	9 18	2 2	13 47	3 55	19 41	1 32	21 36	1 52	1 35	2 4	24 31	0 33	21 40	0 4	17 11	11 56	24 5	24 5	1 30		n.a.
S 28	1 33	2s 3	4 56	8 43	1 56	13 33	3 46	19 31	1 32	21 36	1 51	1 32	2 4	24 31	0 33	21 40	0 4	17 11	11 56	24 6	24 6	1 27		n.a.
M29	1 58	6 57	4 58	8 6	1 50	13 17	3 36	19 19	1 32	21 36	1 51	1 29	2 4	24 31	0 33	21 40	0 4	17 10	11 57	24 6	24 6	1 24		n.a.
T 30	2 23	11 38	4 48	7 29	1 43	13 0	3 26	19 8	1 32	21 36	1 51	1 26	2 4	24 31	0 33	21 40	0 4	17 9	11 57	24 6	24 6	1 21		n.a.
W31	2s48	15s53	4s24	6n51	1n37	12s42	3s14	18n57	1n32	21s36	1s50	1n23	2n 4	24n31	0n33	21n40	0s 4	17n 8	11n57	24s 6	24s 6	1n18		n.a.

Julian Day Number = 198603.5, Delta T = 32h14m30s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'07, Lahiri = -61°14'06 Julian Calendar 1 Oct. 4170 BCE == Greg. Calendar 29 Aug. 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

NOVEMBER 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 30 13	7♎54'00	12♏13	18♍ 8	23°R56	13♌22	3°D58	1♎21	23°R49	4°R56	14♍42	1°R30	2♉14	15♍43	n.a.	T 1
F 2	0 34 9	8°55'23	24°34	19°31	23♎30	14° 1	3♒58	1°28	23♊49	4♊55	14°44	1♉23	2°10	15°50	n.a.	F 2
S 3	0 38 6	9°56'46	7♐ 6	20°54	23° 1	14°41	3°58	1°35	23°49	4°54	14°47	1°18	2° 7	15°57	n.a.	S 3
S 4	0 42 3	10°58'09	19°51	22°19	22°31	15°21	3°58	1°42	23°48	4°54	14°49	1°16	2° 4	16° 4	n.a.	S 4
M 5	0 45 59	11°59'30	2♉53	23°44	21°59	16° 0	3°59	1°49	23°48	4°53	14°51	1°D15	2° 1	16°10	n.a.	M 5
T 6	0 49 56	13° 0'51	16°15	25°10	21°26	16°40	4° 0	1°56	23°48	4°52	14°53	1°R16	1°58	16°17	n.a.	T 6
W 7	0 53 52	14° 2'11	0♒ 1	26°37	20°52	17°20	4° 1	2° 3	23°48	4°51	14°55	1°15	1°55	16°24	n.a.	W 7
T 8	0 57 49	15° 3'30	14°12	28° 4	20°16	17°59	4° 2	2°10	23°47	4°50	14°57	1°12	1°51	16°30	n.a.	T 8
F 9	1 1 46	16° 4'47	28°46	29°32	19°40	18°39	4° 4	2°17	23°47	4°49	14°59	1° 6	1°48	16°37	n.a.	F 9
S 10	1 5 42	17° 6'04	13♓41	1♎ 1	19° 3	19°19	4° 6	2°24	23°46	4°48	15° 2	0°58	1°45	16°44	n.a.	S 10
S 11	1 9 39	18° 7'20	28°49	2°30	18°25	19°58	4° 8	2°30	23°46	4°47	15° 4	0°48	1°42	16°51	n.a.	S 11
M12	1 13 35	19° 8'34	14♈ 0	4° 0	17°48	20°38	4°10	2°37	23°45	4°46	15° 6	0°37	1°39	16°57	n.a.	M12
T 13	1 17 32	20° 9'48	29° 3	5°30	17°11	21°18	4°12	2°44	23°44	4°45	15° 8	0°26	1°35	17° 4	n.a.	T 13
W14	1 21 28	21°11'02	13♉49	7° 1	16°35	21°57	4°14	2°51	23°44	4°44	15°10	0°17	1°32	17°11	n.a.	W14
T 15	1 25 25	22°12'14	28°10	8°32	15°59	22°37	4°17	2°58	23°43	4°43	15°12	0°10	1°29	17°17	n.a.	T 15
F 16	1 29 22	23°13'26	12♊ 2	10° 4	15°25	23°17	4°20	3° 4	23°42	4°42	15°14	0° 7	1°26	17°24	n.a.	F 16
S 17	1 33 18	24°14'37	25°25	11°36	14°51	23°57	4°23	3°11	23°41	4°41	15°16	0°D 5	1°23	17°31	n.a.	S 17
S 18	1 37 15	25°15'47	8♋20	13° 9	14°20	24°36	4°26	3°18	23°40	4°39	15°18	0° 5	1°20	17°38	n.a.	S 18
M19	1 41 11	26°16'56	20°53	14°43	13°49	25°16	4°30	3°24	23°39	4°38	15°20	0°R 6	1°16	17°44	n.a.	M19
T 20	1 45 8	27°18'05	3♌ 7	16°17	13°21	25°56	4°34	3°31	23°38	4°37	15°21	0° 6	1°13	17°51	n.a.	T 20
W21	1 49 4	28°19'12	15° 8	17°51	12°55	26°35	4°37	3°38	23°37	4°36	15°23	0° 4	1°10	17°58	n.a.	W21
T 22	1 53 1	29°20'19	27° 1	19°26	12°31	27°15	4°41	3°44	23°36	4°34	15°25	0° 0	1° 7	18° 4	n.a.	T 22
F 23	1 56 58	0♏21'24	8♍51	21° 2	12° 9	27°55	4°46	3°51	23°35	4°33	15°27	29♐54	1° 4	18°11	n.a.	F 23
S 24	2 0 54	1°22'28	20°42	22°39	11°49	28°35	4°50	3°57	23°34	4°32	15°29	29°45	1° 1	18°18	n.a.	S 24
S 25	2 4 51	2°23'32	2♎37	24°16	11°32	29°14	4°55	4° 4	23°33	4°30	15°31	29°34	0°57	18°25	n.a.	S 25
M26	2 8 47	3°24'34	14°38	25°53	11°17	29°54	5° 0	4°10	23°31	4°29	15°32	29°23	0°54	18°31	n.a.	M26
T 27	2 12 44	4°25'35	26°46	27°32	11° 5	0♍34	5° 5	4°17	23°30	4°28	15°34	29°11	0°51	18°38	n.a.	T 27
W28	2 16 40	5°26'34	9♏ 4	29°11	10°55	1°14	5°10	4°23	23°28	4°26	15°36	29° 1	0°48	18°45	n.a.	W28
T 29	2 20 37	6°27'32	21°31	0♏50	10°48	1°53	5°15	4°29	23°27	4°25	15°37	28°53	0°45	18°52	n.a.	T 29
F 30	2 24 34	7♏28'29	4♐ 7	2♏31	10♎43	2♍33	5♒20	4♎36	23♊25	4♊23	15♍39	28♐48	0♉41	18♍58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s13	19s32	3s48	6n12	1n30	12s22	3s 3	18n45	1n33	21s35	1s50	1n20	2n 4	24n31	0n33	21n40	0s 4	17n 7	11n57	24s 6	24s 6	1n15		n.a.
F 2	3 38	22 21	3 1	5 32	1 23	12 0	2 51	18 34	1 33	21 35	1 50	1 17	2 4	24 31	0 33	21 40	0 4	17 6	11 57	24 6	24 6	1 12		n.a.
S 3	4 3	24 9	2 4	4 52	1 17	11 38	2 38	18 22	1 33	21 34	1 49	1 15	2 4	24 31	0 33	21 39	0 4	17 6	11 57	24 6	24 6	1 9		n.a.
S 4	4 28	24 43	1 0	4 12	1 10	11 14	2 25	18 10	1 33	21 34	1 49	1 12	2 4	24 31	0 33	21 39	0 4	17 5	11 57	24 7	24 6	1 7		n.a.
M 5	4 52	23 56	0n 9	3 30	1 3	10 49	2 11	17 58	1 33	21 33	1 49	1 9	2 4	24 31	0 33	21 39	0 4	17 4	11 57	24 7	24 6	1 4		n.a.
T 6	5 17	21 48	1 19	2 49	0 55	10 23	1 57	17 46	1 33	21 33	1 48	1 6	2 4	24 31	0 33	21 39	0 4	17 3	11 57	24 7	24 6	1 1		n.a.
W 7	5 41	18 21	2 26	2 7	0 48	9 57	1 43	17 34	1 34	21 32	1 48	1 3	2 4	24 31	0 33	21 39	0 4	17 2	11 57	24 7	24 6	0 58		n.a.
T 8	6 6	13 45	3 26	1 25	0 41	9 29	1 28	17 21	1 34	21 32	1 47	1 0	2 4	24 31	0 33	21 39	0 4	17 2	11 57	24 7	24 6	0 55		n.a.
F 9	6 30	8 15	4 15	0 43	0 34	9 2	1 13	17 9	1 34	21 31	1 47	0 58	2 4	24 31	0 33	21 38	0 4	17 1	11 57	24 7	24 6	0 52		n.a.
S 10	6 54	2 11	4 48	0 0	0 27	8 33	0 58	16 56	1 34	21 30	1 47	0 55	2 4	24 31	0 33	21 38	0 4	17 0	11 58	24 7	24 6	0 49		n.a.
S 11	7 18	4n 6	5 1	0s43	0 20	8 5	0 43	16 43	1 34	21 29	1 46	0 52	2 4	24 31	0 33	21 38	0 4	16 59	11 58	24 7	24 6	0 46		n.a.
M12	7 42	10 9	4 53	1 26	0 13	7 36	0 27	16 30	1 34	21 28	1 46	0 49	2 4	24 31	0 33	21 38	0 4	16 59	11 58	24 7	24 6	0 44		n.a.
T 13	8 6	15 33	4 25	2 9	0 6	7 7	0 12	16 17	1 34	21 27	1 46	0 46	2 4	24 31	0 33	21 38	0 4	16 58	11 58	24 7	24 6	0 41		n.a.
W14	8 29	19 54	3 39	2 52	0s 0	6 39	0n 3	16 4	1 35	21 26	1 45	0 44	2 4	24 31	0 33	21 38	0 4	16 57	11 58	24 7	24 6	0 38		n.a.
T 15	8 53	22 55	2 41	3 35	0 7	6 11	0 18	15 51	1 35	21 25	1 45	0 41	2 4	24 31	0 33	21 37	0 3	16 57	11 58	24 7	24 6	0 35		n.a.
F 16	9 16	24 26	1 34	4 18	0 14	5 43	0 33	15 38	1 35	21 24	1 45	0 38	2 4	24 31	0 33	21 37	0 3	16 56	11 58	24 7	24 6	0 32		n.a.
S 17	9 39	24 27	0 25	5 1	0 20	5 17	0 48	15 24	1 35	21 23	1 44	0 36	2 4	24 31	0 33	21 37	0 3	16 55	11 59	24 7	24 6	0 29		n.a.
S 18	10 2	23 7	0s44	5 45	0 27	4 51	1 3	15 11	1 35	21 22	1 44	0 33	2 4	24 31	0 34	21 37	0 3	16 55	11 59	24 7	24 6	0 26		n.a.
M19	10 25	20 39	1 48	6 28	0 33	4 26	1 17	14 57	1 35	21 21	1 43	0 30	2 4	24 31	0 34	21 37	0 3	16 54	11 59	24 7	24 7	0 24		n.a.
T 20	10 48	17 19	2 46	7 11	0 39	4 2	1 30	14 43	1 35	21 20	1 43	0 27	2 4	24 31	0 34	21 36	0 3	16 54	11 59	24 7	24 7	0 21		n.a.
W21	11 10	13 19	3 36	7 53	0 45	3 39	1 44	14 29	1 35	21 18	1 43	0 25	2 5	24 31	0 34	21 36	0 3	16 53	11 59	24 7	24 7	0 18		n.a.
T 22	11 33	8 51	4 16	8 36	0 51	3 18	1 56	14 15	1 35	21 17	1 42	0 22	2 5	24 31	0 34	21 36	0 3	16 52	12 0	24 7	24 7	0 15		n.a.
F 23	11 55	4 6	4 44	9 19	0 57	2 58	2 9	14 1	1 35	21 16	1 42	0 20	2 5	24 31	0 34	21 36	0 3	16 52	12 0	24 7	24 7	0 12		n.a.
S 24	12 17	0s48	5 0	10 1	1 2	2 39	2 21	13 47	1 35	21 14	1 42	0 17	2 5	24 31	0 34	21 35	0 3	16 51	12 0	24 7	24 7	0 9		n.a.
S 25	12 38	5 41	5 4	10 43	1 8	2 22	2 32	13 33	1 36	21 13	1 41	0 14	2 5	24 31	0 34	21 35	0 3	16 51	12 0	24 7	24 7	0 6		n.a.
M26	13 0	10 24	4 53	11 24	1 13	2 6	2 43	13 18	1 36	21 11	1 41	0 12	2 5	24 31	0 34	21 35	0 3	16 50	12 0	24 7	24 7	0 3		n.a.
T 27	13 21	14 47	4 30	12 5	1 18	1 52	2 53	13 4	1 36	21 9	1 41	0 9	2 5	24 31	0 34	21 35	0 3	16 50	12 1	24 7	24 7	0 1		n.a.
W28	13 42	18 36	3 54	12 46	1 23	1 39	3 3	12 50	1 36	21 8	1 40	0 7	2 5	24 31	0 34	21 34	0 3	16 49	12 1	24 7	24 7	0s 2		n.a.
T 29	14 3	21 38	3 6	13 27	1 27	1 28	3 12	12 35	1 36	21 6	1 40	0 4	2 5	24 31	0 34	21 34	0 3	16 49	12 1	24 7	24 7	0 5		n.a.
F 30	14s23	23s40	2s 8	14s 6	1s31	1s18	3n20	12n20	1n36	21s 4	1s40	0n 2	2n 5	24n31	0n34	21n34	0s 3	16n48	12n 1	24s 7	24s 7	0s 8		n.a.

Julian Day Number = 198634.5, Delta T = 32h14m26s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°21'02, Lahiri = -61°14'02 Julian Calendar 1 Nov. 4170 BCE == Greg. Calendar 29 Sept. 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4170 BCE
geocentric

DECEMBER 4170 BCE (-4169) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 28 30	8♏29'24	16♐55	4♏12	10°D41	3♍13	5♒26	4♎42	23°R24	4°R22	15♍41	28°R45	0♉38	19♍ 5	n.a.	S 1
S 2	2 32 27	9°30'17	29°54	5°54	10♎41	3°52	5°32	4°48	23♊22	4♊20	15°42	28°D44	0°35	19°12	n.a.	S 2
M 3	2 36 23	10°31'09	13♉ 6	7°36	10°43	4°32	5°38	4°54	23°21	4°19	15°44	28♐45	0°32	19°18	n.a.	M 3
T 4	2 40 20	11°31'58	26°34	9°19	10°48	5°12	5°44	5° 0	23°19	4°17	15°46	28°46	0°29	19°25	n.a.	T 4
W 5	2 44 17	12°32'46	10♒17	11° 3	10°56	5°51	5°51	5° 6	23°17	4°16	15°47	28°R47	0°26	19°32	n.a.	W 5
T 6	2 48 13	13°33'32	24°17	12°48	11° 5	6°31	5°57	5°12	23°15	4°14	15°49	28°46	0°22	19°39	n.a.	T 6
F 7	2 52 10	14°34'15	8♓35	14°34	11°17	7°11	6° 4	5°18	23°14	4°13	15°50	28°44	0°19	19°45	n.a.	F 7
S 8	2 56 6	15°34'57	23° 6	16°20	11°31	7°50	6°11	5°24	23°12	4°11	15°51	28°40	0°16	19°52	n.a.	S 8
S 9	3 0 3	16°35'36	7♈48	18° 7	11°47	8°30	6°18	5°30	23°10	4°10	15°53	28°34	0°13	19°59	n.a.	S 9
M10	3 3 59	17°36'14	22°33	19°55	12° 5	9°10	6°25	5°36	23° 8	4° 8	15°54	28°27	0°10	20° 5	n.a.	M10
T 11	3 7 56	18°36'50	7♉15	21°43	12°24	9°49	6°32	5°42	23° 6	4° 7	15°56	28°21	0° 6	20°12	n.a.	T 11
W12	3 11 52	19°37'24	21°45	23°32	12°46	10°29	6°39	5°48	23° 4	4° 5	15°57	28°15	0° 3	20°19	n.a.	W12
T 13	3 15 49	20°37'56	5♊56	25°22	13°10	11° 9	6°47	5°53	23° 2	4° 3	15°58	28°12	0° 0	20°26	n.a.	T 13
F 14	3 19 46	21°38'26	19°45	27°12	13°36	11°48	6°55	5°59	23° 0	4° 2	15°59	28°10	29♐57	20°32	n.a.	F 14
S 15	3 23 42	22°38'55	3♋10	29° 3	14° 3	12°28	7° 3	6° 4	22°58	4° 0	16° 1	28°D10	29°54	20°39	n.a.	S 15
S 16	3 27 39	23°39'22	16°10	0♐54	14°32	13° 7	7°11	6°10	22°56	3°58	16° 2	28°11	29°51	20°46	n.a.	S 16
M17	3 31 35	24°39'47	28°48	2°45	15° 2	13°47	7°19	6°15	22°54	3°57	16° 3	28°12	29°47	20°53	n.a.	M17
T 18	3 35 32	25°40'10	11♌ 7	4°36	15°34	14°27	7°27	6°21	22°51	3°55	16° 4	28°14	29°44	20°59	n.a.	T 18
W19	3 39 28	26°40'32	23°12	6°28	16° 7	15° 6	7°36	6°26	22°49	3°53	16° 5	28°R15	29°41	21° 6	n.a.	W19
T 20	3 43 25	27°40'52	5♍ 8	8°18	16°42	15°46	7°44	6°31	22°47	3°52	16° 6	28°15	29°38	21°13	n.a.	T 20
F 21	3 47 22	28°41'10	17° 0	10° 9	17°18	16°25	7°53	6°37	22°45	3°50	16° 8	28°13	29°35	21°19	n.a.	F 21
S 22	3 51 18	29°41'26	28°53	11°58	17°56	17° 5	8° 2	6°42	22°42	3°48	16° 9	28°10	29°32	21°26	n.a.	S 22
S 23	3 55 15	0♐41'41	10♎50	13°46	18°34	17°44	8°11	6°47	22°40	3°47	16°10	28° 6	29°28	21°33	n.a.	S 23
M24	3 59 11	1°41'54	22°55	15°32	19°14	18°24	8°20	6°52	22°38	3°45	16°10	28° 2	29°25	21°40	n.a.	M24
T 25	4 3 8	2°42'04	5♏11	17°16	19°55	19° 4	8°29	6°57	22°35	3°43	16°11	27°57	29°22	21°46	n.a.	T 25
W26	4 7 4	3°42'13	17°39	18°58	20°37	19°43	8°38	7° 2	22°33	3°42	16°12	27°53	29°19	21°53	n.a.	W26
T 27	4 11 1	4°42'20	0♐22	20°37	21°20	20°22	8°48	7° 6	22°30	3°40	16°13	27°50	29°16	22° 0	n.a.	T 27
F 28	4 14 57	5°42'25	13°18	22°12	22° 4	21° 2	8°57	7°11	22°28	3°38	16°14	27°48	29°12	22° 7	n.a.	F 28
S 29	4 18 54	6°42'27	26°28	23°42	22°49	21°41	9° 7	7°16	22°25	3°37	16°15	27°D47	29° 9	22°13	n.a.	S 29
S 30	4 22 51	7°42'27	9♉51	25° 9	23°35	22°21	9°17	7°20	22°23	3°35	16°15	27°48	29° 6	22°20	n.a.	S 30
M31	4 26 47	8♐42'25	23♉26	26♐29	24♎22	23♍ 0	9♒27	7♎25	22♊20	3♊33	16♍16	27♐49	29♐ 3	22♍27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s44	24s30	1s 3	14s46	1s35	1s10	3n29	12n 6	1n36	21s 3	1s39	0s 1	2n 5	24n31	0n34	21n34	0s 3	16n48	12n 1	24s 7	24s 7	0s11		n.a.
S 2	15 4	24 1	0n 6	15 24	1 39	1 3	3 36	11 51	1 36	21 1	1 39	0 3	2 5	24 31	0 34	21 33	0 3	16 47	12 2	24 7	24 7	0 14		n.a.
M 3	15 23	22 11	1 17	16 2	1 42	0 57	3 43	11 36	1 36	20 59	1 39	0 6	2 5	24 31	0 34	21 33	0 3	16 47	12 2	24 7	24 7	0 16		n.a.
T 4	15 43	19 5	2 24	16 39	1 45	0 53	3 50	11 21	1 36	20 57	1 38	0 8	2 5	24 30	0 34	21 33	0 3	16 47	12 2	24 7	24 7	0 19		n.a.
W 5	16 2	14 52	3 25	17 16	1 48	0 51	3 56	11 6	1 36	20 55	1 38	0 11	2 5	24 30	0 34	21 33	0 3	16 46	12 2	24 7	24 7	0 22		n.a.
T 6	16 21	9 48	4 15	17 51	1 50	0 49	4 1	10 51	1 36	20 53	1 38	0 13	2 5	24 30	0 34	21 32	0 3	16 46	12 3	24 7	24 7	0 25		n.a.
F 7	16 40	4 7	4 50	18 26	1 52	0 49	4 6	10 35	1 36	20 51	1 37	0 15	2 5	24 30	0 34	21 32	0 3	16 45	12 3	24 7	24 7	0 28		n.a.
S 8	16 58	1n52	5 7	19 0	1 53	0 51	4 11	10 20	1 36	20 49	1 37	0 18	2 6	24 30	0 34	21 32	0 3	16 45	12 3	24 6	24 7	0 31		n.a.
S 9	17 16	7 49	5 5	19 32	1 54	0 53	4 15	10 5	1 36	20 47	1 37	0 20	2 6	24 30	0 34	21 31	0 3	16 45	12 4	24 6	24 7	0 34		n.a.
M10	17 34	13 21	4 42	20 3	1 55	0 57	4 19	9 50	1 36	20 45	1 36	0 22	2 6	24 30	0 34	21 31	0 3	16 44	12 4	24 6	24 7	0 36		n.a.
T 11	17 51	18 6	4 1	20 33	1 55	1 2	4 22	9 34	1 35	20 43	1 36	0 25	2 6	24 30	0 34	21 31	0 3	16 44	12 4	24 6	24 7	0 39		n.a.
W12	18 8	21 41	3 5	21 2	1 55	1 8	4 25	9 19	1 35	20 40	1 36	0 27	2 6	24 30	0 34	21 31	0 3	16 44	12 4	24 6	24 7	0 42		n.a.
T 13	18 25	23 50	1 58	21 29	1 54	1 15	4 28	9 3	1 35	20 38	1 35	0 29	2 6	24 30	0 34	21 30	0 3	16 44	12 5	24 6	24 7	0 45		n.a.
F 14	18 41	24 28	0 46	21 54	1 52	1 23	4 30	8 47	1 35	20 36	1 35	0 31	2 6	24 30	0 34	21 30	0 3	16 43	12 5	24 6	24 7	0 48		n.a.
S 15	18 57	23 37	0s27	22 18	1 50	1 32	4 32	8 32	1 35	20 33	1 35	0 33	2 6	24 30	0 34	21 30	0 3	16 43	12 5	24 6	24 7	0 51		n.a.
S 16	19 13	21 30	1 37	22 40	1 47	1 42	4 34	8 16	1 35	20 31	1 34	0 35	2 6	24 30	0 34	21 29	0 3	16 43	12 5	24 6	24 7	0 53		n.a.
M17	19 28	18 23	2 39	23 0	1 44	1 53	4 35	8 0	1 35	20 29	1 34	0 38	2 6	24 29	0 34	21 29	0 3	16 43	12 6	24 6	24 7	0 56		n.a.
T 18	19 43	14 31	3 33	23 18	1 40	2 4	4 36	7 44	1 35	20 26	1 34	0 40	2 7	24 29	0 34	21 29	0 3	16 43	12 6	24 6	24 7	0 59		n.a.
W19	19 58	10 8	4 16	23 33	1 35	2 17	4 36	7 29	1 35	20 24	1 34	0 42	2 7	24 29	0 35	21 28	0 3	16 42	12 6	24 6	24 7	1 2		n.a.
T 20	20 12	5 26	4 48	23 47	1 29	2 30	4 37	7 13	1 35	20 21	1 33	0 44	2 7	24 29	0 35	21 28	0 3	16 42	12 7	24 6	24 7	1 5		n.a.
F 21	20 26	0 35	5 7	23 58	1 23	2 44	4 37	6 57	1 34	20 18	1 33	0 46	2 7	24 29	0 35	21 28	0 3	16 42	12 7	24 6	24 7	1 7		n.a.
S 22	20 39	4s18	5 13	24 7	1 16	2 59	4 37	6 41	1 34	20 16	1 33	0 48	2 7	24 29	0 35	21 28	0 3	16 42	12 7	24 6	24 7	1 10		n.a.
S 23	20 52	9 3	5 5	24 13	1 8	3 14	4 36	6 25	1 34	20 13	1 32	0 50	2 7	24 29	0 35	21 27	0 3	16 42	12 8	24 6	24 7	1 13		n.a.
M24	21 5	13 31	4 44	24 17	0 59	3 30	4 36	6 9	1 34	20 10	1 32	0 52	2 7	24 29	0 35	21 27	0 3	16 42	12 8	24 6	24 7	1 16		n.a.
T 25	21 17	17 31	4 10	24 19	0 50	3 47	4 35	5 53	1 34	20 8	1 32	0 54	2 7	24 29	0 35	21 27	0 3	16 42	12 8	24 6	24 7	1 19		n.a.
W26	21 29	20 49	3 23	24 18	0 39	4 4	4 34	5 36	1 33	20 5	1 32	0 55	2 7	24 29	0 35	21 26	0 3	16 42	12 9	24 6	24 7	1 22		n.a.
T 27	21 41	23 10	2 25	24 15	0 28	4 21	4 33	5 20	1 33	20 2	1 31	0 57	2 8	24 28	0 35	21 26	0 3	16 41	12 9	24 6	24 7	1 24		n.a.
F 28	21 52	24 21	1 19	24 9	0 16	4 39	4 31	5 4	1 33	19 59	1 31	0 59	2 8	24 28	0 35	21 26	0 3	16 41	12 9	24 6	24 7	1 27		n.a.
S 29	22 2	24 11	0 7	24 1	0 4	4 58	4 29	4 48	1 33	19 56	1 31	1 1	2 8	24 28	0 35	21 25	0 3	16 41	12 9	24 6	24 7	1 30		n.a.
S 30	22 13	22 38	1n 6	23 52	0n10	5 17	4 28	4 32	1 32	19 53	1 31	1 3	2 8	24 28	0 35	21 25	0 3	16 41	12 10	24 6	24 7	1 33		n.a.
M31	22s22	19s46	2n17	23s40	0n24	5s36	4n26	4n15	1n32	19s50	1s30	1s 4	2n 8	24n28	0n35	21n25	0s 3	16n41	12n10	24s 6	24s 7	1s36		n.a.

Julian Day Number = 198664.5, Delta T = 32h14m23s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'58, Lahiri = -61°13'58 Julian Calendar 1 Dec. 4170 BCE == Greg. Calendar 29 Oct. 4170 BCE

The year -4169 astronomical counting style corresponds to year 4170 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

JANUARY 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 30 44	9♐42'21	7♒11	27♐44	25♎10	23♍39	9♒37	7♎29	22°R18	3°R32	16♍17	27♐50	29♐ 0	22♍33	n.a.	T 1
W 2	4 34 40	10°42'14	21° 6	28°52	25°58	24°19	9°47	7°34	22♊15	3♊30	16°18	27°51	28°57	22°40	n.a.	W 2
T 3	4 38 37	11°42'04	5♓10	29°53	26°47	24°58	9°57	7°38	22°13	3°28	16°18	27°R52	28°53	22°47	n.a.	T 3
F 4	4 42 33	12°41'52	19°21	0♑47	27°37	25°37	10° 8	7°42	22°10	3°27	16°19	27°52	28°50	22°54	n.a.	F 4
S 5	4 46 30	13°41'37	3♈37	1°33	28°28	26°17	10°18	7°46	22° 8	3°25	16°19	27°51	28°47	23° 0	n.a.	S 5
S 6	4 50 26	14°41'20	17°55	2°10	29°20	26°56	10°29	7°50	22° 5	3°24	16°20	27°50	28°44	23° 7	n.a.	S 6
M 7	4 54 23	15°41'00	2♉12	2°39	0♏12	27°35	10°39	7°54	22° 3	3°22	16°20	27°49	28°41	23°14	n.a.	M 7
T 8	4 58 19	16°40'38	16°23	3° 0	1° 4	28°14	10°50	7°58	22° 0	3°20	16°21	27°47	28°38	23°20	n.a.	T 8
W 9	5 2 16	17°40'13	0♊25	3°11	1°58	28°53	11° 1	8° 2	21°57	3°19	16°21	27°46	28°34	23°27	n.a.	W 9
T 10	5 6 13	18°39'47	14°14	3°R14	2°51	29°33	11°12	8° 6	21°55	3°17	16°21	27°45	28°31	23°34	n.a.	T 10
F 11	5 10 9	19°39'17	27°46	3° 8	3°46	0♎12	11°23	8°10	21°52	3°15	16°22	27°D45	28°28	23°41	n.a.	F 11
S 12	5 14 6	20°38'46	11♋ 0	2°54	4°41	0°51	11°34	8°13	21°50	3°14	16°22	27°45	28°25	23°47	n.a.	S 12
S 13	5 18 2	21°38'13	23°55	2°32	5°36	1°30	11°46	8°17	21°47	3°12	16°22	27°46	28°22	23°54	n.a.	S 13
M14	5 21 59	22°37'37	6♌32	2° 3	6°32	2° 9	11°57	8°20	21°44	3°11	16°23	27°46	28°18	24° 1	n.a.	M14
T 15	5 25 55	23°36'59	18°53	1°27	7°29	2°48	12° 8	8°24	21°42	3° 9	16°23	27°47	28°15	24° 8	n.a.	T 15
W16	5 29 52	24°36'19	1♍ 0	0°46	8°26	3°27	12°20	8°27	21°39	3° 8	16°23	27°47	28°12	24°14	n.a.	W16
T 17	5 33 48	25°35'37	12°59	0° 0	9°23	4° 6	12°31	8°30	21°37	3° 6	16°23	27°47	28° 9	24°21	n.a.	T 17
F 18	5 37 45	26°34'53	24°53	29♐11	10°21	4°45	12°43	8°33	21°34	3° 5	16°23	27°R47	28° 6	24°28	n.a.	F 18
S 19	5 41 41	27°34'06	6♎46	28°18	11°20	5°24	12°55	8°36	21°31	3° 3	16°23	27°D47	28° 3	24°34	n.a.	S 19
S 20	5 45 38	28°33'18	18°44	27°25	12°18	6° 2	13° 7	8°39	21°29	3° 2	16°R23	27°47	27°59	24°41	n.a.	S 20
M21	5 49 34	29°32'28	0♏51	26°31	13°17	6°41	13°19	8°42	21°26	3° 0	16°23	27°48	27°56	24°48	n.a.	M21
T 22	5 53 31	0♑31'36	13°10	25°38	14°17	7°20	13°31	8°45	21°24	2°59	16°23	27°48	27°53	24°55	n.a.	T 22
W23	5 57 28	1°30'41	25°46	24°47	15°17	7°59	13°43	8°47	21°21	2°57	16°23	27°48	27°50	25° 1	n.a.	W23
T 24	6 1 24	2°29'45	8♐39	23°59	16°17	8°37	13°55	8°50	21°19	2°56	16°23	27°49	27°47	25° 8	n.a.	T 24
F 25	6 5 21	3°28'47	21°52	23°14	17°17	9°16	14° 7	8°52	21°16	2°54	16°23	27°R49	27°44	25°15	n.a.	F 25
S 26	6 9 17	4°27'46	5♑24	22°33	18°18	9°54	14°19	8°55	21°14	2°53	16°23	27°49	27°40	25°22	n.a.	S 26
S 27	6 13 14	5°26'43	19°13	21°57	19°19	10°33	14°32	8°57	21°11	2°52	16°23	27°48	27°37	25°28	n.a.	S 27
M28	6 17 10	6°25'38	3♒15	21°27	20°21	11°11	14°44	8°59	21° 9	2°50	16°22	27°48	27°34	25°35	n.a.	M28
T 29	6 21 7	7°24'30	17°28	21° 1	21°22	11°50	14°56	9° 1	21° 6	2°49	16°22	27°46	27°31	25°42	n.a.	T 29
W30	6 25 3	8°23'20	1♓47	20°41	22°24	12°28	15° 9	9° 3	21° 4	2°48	16°22	27°45	27°28	25°48	n.a.	W30
T 31	6 29 0	9♑22'07	16♓ 7	20♐27	23♏26	13♎ 6	15♒22	9♎ 5	21♊ 1	2♊46	16♍22	27♐44	27♐24	25♍55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	22 s32	15 s46	3n21	23 s27	0n38	5 s56	4n23	3n59	1n32	19 s47	1 s30	1 s 6	2n 8	24n28	0n35	21n24	0 s 3	16n41	12n10	24 s 6	24 s 7	1 s38			n.a.
W 2	22 41	10 52	4 13	23 13	0 53	6 16	4 21	3 43	1 32	19 44	1 30	1 8	2 8	24 28	0 35	21 24	0 3	16 41	12 11	24 6	24 7	1 41			n.a.
T 3	22 49	5 22	4 52	22 58	1 9	6 36	4 19	3 27	1 31	19 41	1 30	1 9	2 9	24 27	0 35	21 24	0 3	16 41	12 11	24 6	24 7	1 44			n.a.
F 4	22 57	0n26	5 12	22 42	1 24	6 57	4 16	3 10	1 31	19 38	1 29	1 11	2 9	24 27	0 35	21 23	0 3	16 42	12 11	24 6	24 7	1 47			n.a.
S 5	23 5	6 15	5 14	22 26	1 40	7 18	4 13	2 54	1 31	19 35	1 29	1 12	2 9	24 27	0 35	21 23	0 3	16 42	12 12	24 6	24 7	1 50			n.a.
S 6	23 12	11 46	4 57	22 10	1 56	7 39	4 10	2 38	1 30	19 32	1 29	1 14	2 9	24 27	0 35	21 23	0 3	16 42	12 12	24 6	24 6	1 52			n.a.
M 7	23 19	16 38	4 21	21 54	2 12	8 0	4 7	2 21	1 30	19 28	1 29	1 15	2 9	24 27	0 35	21 23	0 3	16 42	12 12	24 6	24 6	1 55			n.a.
T 8	23 25	20 32	3 29	21 38	2 27	8 22	4 4	2 5	1 30	19 25	1 28	1 17	2 9	24 27	0 35	21 22	0 3	16 42	12 13	24 6	24 6	1 58			n.a.
W 9	23 31	23 11	2 26	21 23	2 42	8 44	4 1	1 49	1 29	19 22	1 28	1 18	2 9	24 27	0 35	21 22	0 3	16 42	12 13	24 6	24 6	2 1			n.a.
T 10	23 37	24 23	1 14	21 9	2 56	9 6	3 58	1 32	1 29	19 18	1 28	1 20	2 10	24 26	0 35	21 22	0 3	16 42	12 13	24 6	24 6	2 4			n.a.
F 11	23 42	24 6	0 s 0	20 56	3 9	9 28	3 54	1 16	1 28	19 15	1 28	1 21	2 10	24 26	0 35	21 21	0 3	16 42	12 14	24 6	24 6	2 6			n.a.
S 12	23 46	22 26	1 13	20 44	3 21	9 50	3 51	1 0	1 28	19 12	1 27	1 22	2 10	24 26	0 35	21 21	0 3	16 43	12 14	24 6	24 6	2 9			n.a.
S 13	23 50	19 38	2 20	20 33	3 32	10 12	3 47	0 43	1 28	19 8	1 27	1 24	2 10	24 26	0 35	21 21	0 3	16 43	12 14	24 6	24 6	2 12			n.a.
M14	23 54	15 58	3 19	20 24	3 41	10 34	3 43	0 27	1 27	19 5	1 27	1 25	2 10	24 26	0 35	21 20	0 3	16 43	12 15	24 6	24 6	2 15			n.a.
T 15	23 57	11 41	4 7	20 17	3 49	10 57	3 39	0 11	1 27	19 1	1 27	1 26	2 10	24 26	0 35	21 20	0 3	16 43	12 15	24 6	24 6	2 18			n.a.
W16	24 0	7 1	4 43	20 11	3 56	11 19	3 35	0 s 6	1 26	18 58	1 27	1 27	2 10	24 26	0 35	21 20	0 3	16 43	12 15	24 6	24 6	2 20			n.a.
T 17	24 2	2 10	5 7	20 7	4 0	11 42	3 31	0 22	1 26	18 54	1 26	1 28	2 11	24 25	0 35	21 20	0 3	16 44	12 16	24 6	24 6	2 23			n.a.
F 18	24 4	2 s44	5 17	20 4	4 2	12 4	3 27	0 38	1 25	18 51	1 26	1 29	2 11	24 25	0 35	21 19	0 3	16 44	12 16	24 6	24 6	2 26			n.a.
S 19	24 5	7 32	5 13	20 3	4 3	12 26	3 23	0 55	1 25	18 47	1 26	1 30	2 11	24 25	0 35	21 19	0 3	16 44	12 16	24 6	24 6	2 29			n.a.
S 20	24 6	12 5	4 56	20 4	4 2	12 48	3 19	1 11	1 24	18 43	1 26	1 31	2 11	24 25	0 35	21 19	0 3	16 44	12 17	24 6	24 6	2 31			n.a.
M21	24 7	16 13	4 26	20 6	3 58	13 11	3 15	1 27	1 24	18 40	1 26	1 32	2 11	24 25	0 35	21 18	0 3	16 45	12 17	24 6	24 6	2 34			n.a.
T 22	24 7	19 46	3 43	20 9	3 53	13 33	3 11	1 43	1 23	18 36	1 25	1 33	2 11	24 25	0 35	21 18	0 2	16 45	12 17	24 6	24 6	2 37			n.a.
W23	24 6	22 28	2 49	20 14	3 47	13 55	3 6	2 0	1 22	18 32	1 25	1 34	2 12	24 24	0 35	21 18	0 2	16 45	12 18	24 6	24 6	2 40			n.a.
T 24	24 5	24 5	1 44	20 20	3 39	14 16	3 2	2 16	1 22	18 28	1 25	1 35	2 12	24 24	0 35	21 18	0 2	16 46	12 18	24 6	24 6	2 43			n.a.
F 25	24 4	24 24	0 33	20 27	3 29	14 38	2 58	2 32	1 21	18 24	1 25	1 36	2 12	24 24	0 35	21 17	0 2	16 46	12 18	24 6	24 6	2 45			n.a.
S 26	24 2	23 18	0n42	20 36	3 18	15 0	2 53	2 48	1 20	18 21	1 25	1 37	2 12	24 24	0 35	21 17	0 2	16 46	12 19	24 6	24 6	2 48			n.a.
S 27	24 0	20 47	1 56	20 45	3 7	15 21	2 49	3 4	1 20	18 17	1 24	1 38	2 12	24 24	0 35	21 17	0 2	16 47	12 19	24 6	24 6	2 51			n.a.
M28	23 57	17 0	3 4	20 56	2 54	15 42	2 44	3 20	1 19	18 13	1 24	1 38	2 12	24 24	0 35	21 17	0 2	16 47	12 19	24 6	24 5	2 54			n.a.
T 29	23 54	12 12	4 2	21 7	2 41	16 3	2 40	3 36	1 18	18 9	1 24	1 39	2 13	24 23	0 35	21 16	0 2	16 48	12 20	24 6	24 5	2 56			n.a.
W30	23 50	6 43	4 44	21 19	2 28	16 24	2 35	3 52	1 18	18 5	1 24	1 40	2 13	24 23	0 35	21 16	0 2	16 48	12 20	24 6	24 5	2 59			n.a.
T 31	23 s46	0 s53	5n10	21 s32	2n14	16 s44	2n30	4 s 8	1n17	18 s 1	1 s24	1 s40	2n13	24n23	0n35	21n16	0 s 2	16n48	12n20	24 s 6	24 s 5	3 s 2			n.a.

Julian Day Number = 198695.5, Delta T = 32h14m20s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'54, Lahiri = -61°13'54 Julian Calendar 1 Jan. 4169 BCE == Greg. Calendar 29 Nov. 4170 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

FEBRUARY 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 32 56	10♉20'52	0♈25	20°R18	24♏29	13♎45	15♒34	9♎ 7	20°R59	2°R45	16°R21	27°R43	27♐21	26♍ 2	n.a.	F 1
S 2	6 36 53	11°19'34	14°38	20°D15	25°32	14°23	15°47	9° 9	20♊56	2♊44	16♍21	27°D43	27°18	26° 9	n.a.	S 2
S 3	6 40 49	12°18'13	28°43	20♐18	26°35	15° 1	16° 0	9°10	20°54	2°43	16°20	27♐44	27°15	26°15	n.a.	S 3
M 4	6 44 46	13°16'51	12♑39	20°25	27°38	15°39	16°12	9°12	20°52	2°42	16°20	27°45	27°12	26°22	n.a.	M 4
T 5	6 48 43	14°15'25	26°24	20°38	28°41	16°17	16°25	9°13	20°49	2°40	16°19	27°46	27° 9	26°29	n.a.	T 5
W 6	6 52 39	15°13'58	9♊58	20°56	29°45	16°55	16°38	9°15	20°47	2°39	16°19	27°47	27° 5	26°36	n.a.	W 6
T 7	6 56 36	16°12'28	23°19	21°18	0♐49	17°33	16°51	9°16	20°45	2°38	16°18	27°R48	27° 2	26°42	n.a.	T 7
F 8	7 0 32	17°10'56	6♋28	21°45	1°53	18°10	17° 4	9°17	20°42	2°37	16°18	27°48	26°59	26°49	n.a.	F 8
S 9	7 4 29	18° 9'22	19°23	22°16	2°57	18°48	17°17	9°18	20°40	2°36	16°17	27°46	26°56	26°56	n.a.	S 9
S 10	7 8 25	19° 7'45	2♌ 5	22°52	4° 1	19°26	17°30	9°19	20°38	2°35	16°16	27°44	26°53	27° 2	n.a.	S 10
M11	7 12 22	20° 6'07	14°34	23°31	5° 6	20° 3	17°44	9°20	20°36	2°34	16°16	27°41	26°50	27° 9	n.a.	M11
T 12	7 16 18	21° 4'26	26°50	24°14	6°11	20°41	17°57	9°21	20°34	2°33	16°15	27°37	26°46	27°16	n.a.	T 12
W13	7 20 15	22° 2'44	8♍56	25° 1	7°16	21°18	18°10	9°21	20°32	2°32	16°14	27°34	26°43	27°23	n.a.	W13
T 14	7 24 11	23° 0'59	20°54	25°51	8°21	21°56	18°23	9°22	20°30	2°31	16°14	27°30	26°40	27°29	n.a.	T 14
F 15	7 28 8	23°59'13	2♎48	26°44	9°26	22°33	18°37	9°22	20°28	2°30	16°13	27°27	26°37	27°36	n.a.	F 15
S 16	7 32 4	24°57'25	14°41	27°40	10°32	23°10	18°50	9°23	20°26	2°29	16°12	27°25	26°34	27°43	n.a.	S 16
S 17	7 36 1	25°55'35	26°38	28°39	11°38	23°47	19° 3	9°23	20°24	2°28	16°11	27°D25	26°30	27°50	n.a.	S 17
M18	7 39 57	26°53'44	8♏44	29°42	12°43	24°24	19°17	9°23	20°22	2°27	16°10	27°25	26°27	27°56	n.a.	M18
T 19	7 43 54	27°51'51	21° 3	0♑46	13°49	25° 1	19°30	9°R23	20°20	2°27	16° 9	27°27	26°24	28° 3	n.a.	T 19
W20	7 47 50	28°49'56	3♐39	1°54	14°55	25°38	19°44	9°23	20°18	2°26	16° 8	27°29	26°21	28°10	n.a.	W20
T 21	7 51 47	29°48'00	16°37	3° 4	16° 2	26°15	19°57	9°23	20°16	2°25	16° 7	27°30	26°18	28°16	n.a.	T 21
F 22	7 55 44	0♒46'02	29°59	4°16	17° 8	26°51	20°11	9°23	20°14	2°24	16° 6	27°R30	26°15	28°23	n.a.	F 22
S 23	7 59 40	1°44'02	13♑45	5°31	18°15	27°28	20°25	9°23	20°12	2°24	16° 5	27°29	26°11	28°30	n.a.	S 23
S 24	8 3 37	2°42'01	27°53	6°48	19°21	28° 4	20°38	9°22	20°11	2°23	16° 4	27°27	26° 8	28°37	n.a.	S 24
M25	8 7 33	3°39'57	12♒21	8° 7	20°28	28°40	20°52	9°22	20° 9	2°22	16° 3	27°22	26° 5	28°43	n.a.	M25
T 26	8 11 30	4°37'52	27° 2	9°29	21°35	29°17	21° 6	9°21	20° 7	2°22	16° 2	27°17	26° 2	28°50	n.a.	T 26
W27	8 15 26	5°35'45	11♓48	10°52	22°42	29°53	21°19	9°20	20° 6	2°21	16° 1	27°11	25°59	28°57	n.a.	W27
T 28	8 19 23	6°33'35	26°32	12°18	23°49	0♏29	21°33	9°20	20° 4	2°21	16° 0	27° 6	25°56	29° 4	n.a.	T 28
F 29	8 23 19	7♒31'24	11♈ 7	13♑45	24♐56	1♏ 4	21♒47	9♎19	20♊ 3	2♊20	15♍59	27♐ 2	25♐52	29♍10	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s42	4n58	5n16	21s46	2n 0	17s 4	2n26	4s24	1n16	17s57	1s24	1s41	2n13	24n23	0n35	21n16	0s 2	16n49	12n20	24s 6	24s 5	3s 5		n.a.
S 2	23 37	10 33	5 3	21 59	1 46	17 24	2 21	4 40	1 15	17 53	1 23	1 41	2 13	24 23	0 35	21 15	0 2	16 49	12 21	24 6	24 5	3 7		n.a.
S 3	23 31	15 31	4 31	22 14	1 31	17 44	2 16	4 56	1 15	17 49	1 23	1 42	2 13	24 22	0 35	21 15	0 2	16 50	12 21	24 6	24 5	3 10		n.a.
M 4	23 26	19 37	3 44	22 28	1 17	18 3	2 12	5 12	1 14	17 45	1 23	1 42	2 14	24 22	0 35	21 15	0 2	16 50	12 21	24 6	24 5	3 13		n.a.
T 5	23 19	22 34	2 45	22 43	1 4	18 22	2 7	5 28	1 13	17 40	1 23	1 43	2 14	24 22	0 35	21 15	0 2	16 51	12 22	24 6	24 5	3 16		n.a.
W 6	23 13	24 10	1 37	22 58	0 50	18 41	2 2	5 43	1 12	17 36	1 23	1 43	2 14	24 22	0 35	21 14	0 2	16 51	12 22	24 6	24 5	3 18		n.a.
T 7	23 6	24 21	0 25	23 13	0 37	18 59	1 58	5 59	1 11	17 32	1 23	1 43	2 14	24 22	0 35	21 14	0 2	16 52	12 22	24 6	24 5	3 21		n.a.
F 8	22 58	23 9	0s48	23 27	0 24	19 17	1 53	6 15	1 10	17 28	1 23	1 44	2 14	24 22	0 35	21 14	0 2	16 52	12 22	24 6	24 5	3 24		n.a.
S 9	22 50	20 45	1 56	23 42	0 11	19 34	1 48	6 30	1 9	17 24	1 22	1 44	2 15	24 21	0 35	21 14	0 2	16 53	12 23	24 6	24 5	3 27		n.a.
S 10	22 42	17 22	2 58	23 56	0s 1	19 51	1 44	6 46	1 8	17 19	1 22	1 44	2 15	24 21	0 35	21 14	0 2	16 53	12 23	24 6	24 5	3 29		n.a.
M11	22 34	13 16	3 49	24 10	0 13	20 8	1 39	7 1	1 7	17 15	1 22	1 44	2 15	24 21	0 35	21 13	0 2	16 54	12 23	24 6	24 4	3 32		n.a.
T 12	22 24	8 42	4 30	24 23	0 24	20 24	1 34	7 16	1 6	17 11	1 22	1 45	2 15	24 21	0 35	21 13	0 2	16 54	12 24	24 6	24 4	3 35		n.a.
W13	22 15	3 52	4 57	24 36	0 35	20 40	1 30	7 32	1 5	17 6	1 22	1 45	2 15	24 21	0 35	21 13	0 2	16 55	12 24	24 5	24 4	3 38		n.a.
T 14	22 5	1s 3	5 11	24 48	0 45	20 55	1 25	7 47	1 4	17 2	1 22	1 45	2 15	24 21	0 35	21 13	0 2	16 55	12 24	24 5	24 4	3 40		n.a.
F 15	21 55	5 53	5 12	24 59	0 55	21 10	1 20	8 2	1 3	16 58	1 22	1 45	2 16	24 20	0 35	21 13	0 2	16 56	12 24	24 5	24 4	3 43		n.a.
S 16	21 44	10 31	4 59	25 10	1 4	21 24	1 16	8 17	1 2	16 53	1 22	1 45	2 16	24 20	0 35	21 13	0 2	16 56	12 25	24 5	24 4	3 46		n.a.
S 17	21 33	14 47	4 34	25 19	1 13	21 38	1 11	8 33	1 1	16 49	1 21	1 45	2 16	24 20	0 35	21 12	0 2	16 57	12 25	24 5	24 4	3 48		n.a.
M18	21 22	18 31	3 56	25 28	1 21	21 52	1 7	8 48	1 0	16 44	1 21	1 45	2 16	24 20	0 35	21 12	0 2	16 57	12 25	24 5	24 4	3 51		n.a.
T 19	21 10	21 31	3 6	25 36	1 29	22 4	1 2	9 2	0 59	16 40	1 21	1 45	2 16	24 20	0 35	21 12	0 2	16 58	12 25	24 5	24 4	3 54		n.a.
W20	20 58	23 33	2 7	25 42	1 36	22 17	0 58	9 17	0 58	16 35	1 21	1 44	2 16	24 20	0 35	21 12	0 2	16 59	12 26	24 5	24 4	3 57		n.a.
T 21	20 46	24 24	0 59	25 48	1 43	22 29	0 53	9 32	0 56	16 31	1 21	1 44	2 17	24 20	0 35	21 12	0 2	16 59	12 26	24 5	24 4	3 59		n.a.
F 22	20 33	23 53	0n14	25 52	1 49	22 40	0 49	9 47	0 55	16 26	1 21	1 44	2 17	24 19	0 35	21 12	0 2	17 0	12 26	24 5	24 4	4 2		n.a.
S 23	20 20	21 56	1 27	25 54	1 55	22 50	0 44	10 2	0 54	16 22	1 21	1 44	2 17	24 19	0 35	21 12	0 2	17 0	12 26	24 5	24 3	4 5		n.a.
S 24	20 6	18 35	2 38	25 56	2 0	23 1	0 40	10 16	0 53	16 17	1 21	1 43	2 17	24 19	0 35	21 11	0 2	17 1	12 26	24 5	24 3	4 7		n.a.
M25	19 53	14 4	3 40	25 55	2 4	23 10	0 36	10 31	0 51	16 13	1 21	1 43	2 17	24 19	0 35	21 11	0 2	17 2	12 27	24 5	24 3	4 10		n.a.
T 26	19 38	8 39	4 28	25 54	2 8	23 19	0 31	10 45	0 50	16 8	1 20	1 43	2 17	24 19	0 35	21 11	0 2	17 2	12 27	24 5	24 3	4 13		n.a.
W27	19 24	2 45	4 59	25 50	2 11	23 27	0 27	10 59	0 49	16 3	1 20	1 42	2 18	24 19	0 35	21 11	0 2	17 3	12 27	24 5	24 3	4 16		n.a.
T 28	19 9	3n18	5 10	25 45	2 14	23 35	0 23	11 14	0 47	15 59	1 20	1 42	2 18	24 19	0 35	21 11	0 2	17 4	12 27	24 5	24 3	4 18		n.a.
F 29	18s54	9n 6	5n 1	25s39	2s17	23s42	0n19	11s28	0n46	15s54	1s20	1s41	2n18	24n18	0n35	21n11	0s 2	17n 4	12n27	24s 5	24s 3	4s21		n.a.

Julian Day Number = 198726.5, Delta T = 32h14m17s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'50, Lahiri = -61°13'50 Julian Calendar 1 Feb. 4169 BCE == Greg. Calendar 30 Dec. 4170 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

MARCH 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 27 16	8♒29'11	25♈27	15♉15	26♐ 4	1♏40	22♒ 1	9°R18	20°R 1	2°R20	15°R58	27°R 0	25♐49	29♍17	n.a.	S 1
S 2	8 31 12	9°26'56	9♉32	16°47	27°11	2°16	22°14	9♎17	20♊ 0	2♊19	15♍56	26°D59	25°46	29°24	n.a.	S 2
M 3	8 35 9	10°24'38	23°18	18°21	28°19	2°51	22°28	9°16	19°59	2°19	15°55	27♐ 0	25°43	29°30	n.a.	M 3
T 4	8 39 5	11°22'19	6♊48	19°56	29°26	3°26	22°42	9°14	19°57	2°18	15°54	27° 1	25°40	29°37	n.a.	T 4
W 5	8 43 2	12°19'59	20° 1	21°34	0♉34	4° 1	22°56	9°13	19°56	2°18	15°53	27° 2	25°36	29°44	n.a.	W 5
T 6	8 46 59	13°17'36	3♋ 1	23°14	1°42	4°36	23°10	9°12	19°55	2°18	15°51	27°R 2	25°33	29°51	n.a.	T 6
F 7	8 50 55	14°15'11	15°48	24°55	2°50	5°11	23°24	9°10	19°54	2°17	15°50	27° 0	25°30	29°57	n.a.	F 7
S 8	8 54 52	15°12'45	28°24	26°39	3°58	5°46	23°37	9° 8	19°52	2°17	15°49	26°57	25°27	0♎ 4	n.a.	S 8
S 9	8 58 48	16°10'17	10♌50	28°24	5° 6	6°20	23°51	9° 7	19°51	2°17	15°47	26°50	25°24	0°11	n.a.	S 9
M10	9 2 45	17° 7'48	23° 6	0♒12	6°14	6°55	24° 5	9° 5	19°50	2°17	15°46	26°42	25°21	0°18	n.a.	M10
T 11	9 6 41	18° 5'17	5♍15	2° 1	7°23	7°29	24°19	9° 3	19°49	2°17	15°45	26°33	25°17	0°24	n.a.	T 11
W12	9 10 38	19° 2'45	17°16	3°53	8°31	8° 3	24°33	9° 1	19°48	2°17	15°43	26°24	25°14	0°31	n.a.	W12
T 13	9 14 34	20° 0'11	29°11	5°46	9°40	8°37	24°47	8°59	19°47	2°16	15°42	26°14	25°11	0°38	n.a.	T 13
F 14	9 18 31	20°57'37	11♎ 4	7°41	10°48	9°11	25° 1	8°57	19°47	2°16	15°40	26° 6	25° 8	0°44	n.a.	F 14
S 15	9 22 27	21°55'01	22°56	9°38	11°57	9°44	25°15	8°55	19°46	2°16	15°39	26° 0	25° 5	0°51	n.a.	S 15
S 16	9 26 24	22°52'24	4♏52	11°37	13° 6	10°17	25°29	8°52	19°45	2°D16	15°38	25°56	25° 1	0°58	n.a.	S 16
M17	9 30 21	23°49'46	16°55	13°38	14°15	10°51	25°43	8°50	19°44	2°16	15°36	25°54	24°58	1° 5	n.a.	M17
T 18	9 34 17	24°47'07	29°11	15°41	15°24	11°24	25°57	8°48	19°44	2°16	15°35	25°D54	24°55	1°11	n.a.	T 18
W19	9 38 14	25°44'28	11♐45	17°45	16°33	11°56	26°11	8°45	19°43	2°17	15°33	25°55	24°52	1°18	n.a.	W19
T 20	9 42 10	26°41'47	24°41	19°51	17°42	12°29	26°25	8°42	19°43	2°17	15°32	25°R55	24°49	1°25	n.a.	T 20
F 21	9 46 7	27°39'06	8♑ 3	21°58	18°51	13° 1	26°39	8°40	19°42	2°17	15°30	25°55	24°46	1°31	n.a.	F 21
S 22	9 50 3	28°36'23	21°53	24° 6	20° 0	13°33	26°53	8°37	19°42	2°17	15°29	25°52	24°42	1°38	n.a.	S 22
S 23	9 54 0	29°33'40	6♒11	26°16	21° 9	14° 5	27° 6	8°34	19°41	2°17	15°27	25°47	24°39	1°45	n.a.	S 23
M24	9 57 56	0♓30'55	20°53	28°26	22°19	14°37	27°20	8°31	19°41	2°18	15°25	25°40	24°36	1°52	n.a.	M24
T 25	10 1 53	1°28'10	5♓52	0♓37	23°28	15° 8	27°34	8°28	19°41	2°18	15°24	25°31	24°33	1°58	n.a.	T 25
W26	10 5 49	2°25'24	21° 0	2°48	24°38	15°39	27°48	8°25	19°40	2°18	15°22	25°21	24°30	2° 5	n.a.	W26
T 27	10 9 46	3°22'36	6♈ 6	4°59	25°47	16°10	28° 2	8°22	19°40	2°18	15°21	25°12	24°27	2°12	n.a.	T 27
F 28	10 13 43	4°19'48	21° 0	7°10	26°57	16°40	28°16	8°19	19°40	2°19	15°19	25° 5	24°23	2°19	n.a.	F 28
S 29	10 17 39	5°16'58	5♉36	9°21	28° 7	17°11	28°30	8°16	19°40	2°19	15°18	24°59	24°20	2°25	n.a.	S 29
S 30	10 21 36	6°14'07	19°48	11°31	29°17	17°41	28°44	8°12	19°D40	2°20	15°16	24°57	24°17	2°32	n.a.	S 30
M31	10 25 32	7♓11'15	3♊36	13♓40	0♒26	18♏10	28♒58	8♎ 9	19♊40	2♊20	15♍14	24°D56	24♐14	2♎39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s39	14n19	4n33	25s30	2s18	23s48	0n15	11s42	0n44	15s49	1s20	1s41	2n18	24n18	0n35	21n11	0s 2	17n 5	12n28	24s 5	24s 3	4s24		n.a.
S 2	18 23	18 40	3 49	25 20	2 19	23 54	0 11	11 56	0 43	15 45	1 20	1 40	2 18	24 18	0 35	21 11	0 2	17 6	12 28	24 5	24 3	4 26		n.a.
M 3	18 7	21 54	2 52	25 8	2 20	23 59	0 7	12 10	0 41	15 40	1 20	1 40	2 18	24 18	0 35	21 11	0 2	17 6	12 28	24 5	24 3	4 29		n.a.
T 4	17 51	23 49	1 47	24 54	2 20	24 4	0 3	12 23	0 40	15 35	1 20	1 39	2 19	24 18	0 35	21 11	0 2	17 7	12 28	24 5	24 2	4 32		n.a.
W 5	17 35	24 21	0 38	24 37	2 19	24 8	0s 1	12 37	0 38	15 30	1 20	1 38	2 19	24 18	0 35	21 11	0 2	17 7	12 28	24 5	24 2	4 34		n.a.
T 6	17 18	23 32	0s32	24 19	2 18	24 11	0 5	12 51	0 36	15 26	1 20	1 37	2 19	24 18	0 35	21 11	0 2	17 8	12 28	24 5	24 2	4 37		n.a.
F 7	17 1	21 30	1 40	23 59	2 17	24 14	0 9	13 4	0 35	15 21	1 20	1 37	2 19	24 18	0 35	21 11	0 2	17 9	12 29	24 5	24 2	4 40		n.a.
S 8	16 44	18 26	2 41	23 37	2 14	24 16	0 12	13 18	0 33	15 16	1 20	1 36	2 19	24 18	0 35	21 11	0 2	17 9	12 29	24 5	24 2	4 42		n.a.
S 9	16 26	14 36	3 33	23 12	2 11	24 17	0 16	13 31	0 31	15 11	1 19	1 35	2 19	24 17	0 35	21 10	0 2	17 10	12 29	24 5	24 2	4 45		n.a.
M10	16 8	10 11	4 15	22 45	2 8	24 17	0 20	13 44	0 30	15 7	1 19	1 34	2 19	24 17	0 35	21 10	0 2	17 11	12 29	24 4	24 2	4 48		n.a.
T 11	15 50	5 27	4 45	22 16	2 4	24 17	0 23	13 57	0 28	15 2	1 19	1 33	2 20	24 17	0 35	21 10	0 2	17 11	12 29	24 4	24 2	4 51		n.a.
W12	15 32	0 34	5 2	21 45	1 59	24 16	0 27	14 11	0 26	14 57	1 19	1 32	2 20	24 17	0 35	21 10	0 2	17 12	12 29	24 4	24 2	4 53		n.a.
T 13	15 13	4s19	5 5	21 12	1 54	24 15	0 30	14 23	0 24	14 52	1 19	1 32	2 20	24 17	0 35	21 10	0 2	17 13	12 29	24 4	24 1	4 56		n.a.
F 14	14 55	9 0	4 55	20 36	1 48	24 13	0 33	14 36	0 22	14 47	1 19	1 31	2 20	24 17	0 35	21 10	0 2	17 13	12 29	24 3	24 1	4 59		n.a.
S 15	14 36	13 21	4 33	19 58	1 42	24 10	0 37	14 49	0 20	14 42	1 19	1 30	2 20	24 17	0 35	21 10	0 2	17 14	12 30	24 3	24 1	5 1		n.a.
S 16	14 16	17 14	3 58	19 18	1 35	24 7	0 40	15 2	0 18	14 37	1 19	1 28	2 20	24 17	0 35	21 10	0 2	17 15	12 30	24 3	24 1	5 4		n.a.
M17	13 57	20 26	3 13	18 35	1 27	24 2	0 43	15 14	0 16	14 32	1 19	1 27	2 20	24 17	0 35	21 10	0 2	17 15	12 30	24 3	24 1	5 7		n.a.
T 18	13 37	22 47	2 18	17 51	1 19	23 58	0 46	15 27	0 14	14 28	1 19	1 26	2 21	24 17	0 35	21 11	0 2	17 16	12 30	24 3	24 1	5 9		n.a.
W19	13 18	24 4	1 15	17 4	1 11	23 52	0 49	15 39	0 12	14 23	1 19	1 25	2 21	24 17	0 34	21 11	0 2	17 17	12 30	24 3	24 1	5 12		n.a.
T 20	12 58	24 7	0 7	16 15	1 2	23 46	0 52	15 51	0 10	14 18	1 19	1 24	2 21	24 17	0 34	21 11	0 2	17 17	12 30	24 3	24 1	5 14		n.a.
F 21	12 38	22 48	1n 4	15 25	0 53	23 39	0 55	16 3	0 8	14 13	1 19	1 23	2 21	24 16	0 34	21 11	0 2	17 18	12 30	24 3	24 0	5 17		n.a.
S 22	12 17	20 5	2 14	14 32	0 43	23 31	0 58	16 15	0 6	14 8	1 19	1 22	2 21	24 16	0 34	21 11	0 2	17 19	12 30	24 3	24 0	5 20		n.a.
S 23	11 57	16 5	3 17	13 38	0 33	23 23	1 0	16 27	0 4	14 3	1 19	1 20	2 21	24 16	0 34	21 11	0 2	17 19	12 30	24 3	24 0	5 22		n.a.
M24	11 36	11 1	4 9	12 43	0 23	23 14	1 3	16 39	0 1	13 58	1 19	1 19	2 21	24 16	0 34	21 11	0 2	17 20	12 30	24 2	24 0	5 25		n.a.
T 25	11 15	5 13	4 45	11 46	0 13	23 5	1 5	16 51	0s 1	13 53	1 19	1 18	2 21	24 16	0 34	21 11	0 2	17 21	12 30	24 2	24 0	5 28		n.a.
W26	10 54	0n56	5 2	10 48	0 3	22 55	1 8	17 2	0 3	13 48	1 19	1 16	2 21	24 16	0 34	21 11	0 1	17 21	12 30	24 2	24 0	5 30		n.a.
T 27	10 33	7 1	4 57	9 50	0n 8	22 44	1 10	17 14	0 6	13 43	1 19	1 15	2 22	24 16	0 34	21 11	0 1	17 22	12 30	24 1	24 0	5 33		n.a.
F 28	10 12	12 36	4 33	8 50	0 18	22 33	1 13	17 25	0 8	13 38	1 19	1 14	2 22	24 16	0 34	21 11	0 1	17 23	12 30	24 1	23 59	5 36		n.a.
S 29	9 50	17 22	3 50	7 51	0 29	22 20	1 15	17 36	0 11	13 33	1 19	1 12	2 22	24 16	0 34	21 11	0 1	17 23	12 30	24 1	23 59	5 38		n.a.
S 30	9 29	20 59	2 55	6 51	0 39	22 8	1 17	17 48	0 13	13 28	1 19	1 11	2 22	24 16	0 34	21 11	0 1	17 24	12 30	24 1	23 59	5 41		n.a.
M31	9s 7	23n16	1n51	5s51	0n49	21s54	1s19	17s59	0s16	13s23	1s19	1s 9	2n22	24n16	0n34	21n11	0s 1	17n25	12n30	24s 1	23s59	5s44		n.a.

Julian Day Number = 198755.5, Delta T = 32h14m14s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'46, Lahiri = -61°13'46 Julian Calendar 1 March 4169 BCE == Greg. Calendar 28 Jan. 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

APRIL 4169 BCE (-4168) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s45	24n 9	0n42	4 s52	0n58	21 s41	1 s21	18 s 9	0 s18	13 s18	1 s19	1 s 8	2n22	24n16	0n34	21n12	0 s 1	17n25	12n30	24 s 1	23 s59	5 s46		n.a.
W 2	8 23	23 40	0 s27	3 53	1 7	21 26	1 23	18 20	0 21	13 13	1 19	1 6	2 22	24 16	0 34	21 12	0 1	17 26	12 30	24 1	23 59	5 49		n.a.
T 3	8 1	21 55	1 34	2 55	1 16	21 11	1 25	18 31	0 24	13 8	1 19	1 5	2 22	24 16	0 34	21 12	0 1	17 26	12 30	24 1	23 59	5 51		n.a.
F 4	7 39	19 8	2 34	1 58	1 25	20 55	1 26	18 41	0 26	13 3	1 19	1 3	2 22	24 16	0 34	21 12	0 1	17 27	12 30	24 1	23 58	5 54		n.a.
S 5	7 16	15 32	3 26	1 1	1 33	20 39	1 28	18 52	0 29	12 58	1 19	1 2	2 22	24 16	0 34	21 12	0 1	17 28	12 30	24 0	23 58	5 57		n.a.
S 6	6 54	11 20	4 8	0 6	1 40	20 22	1 30	19 2	0 32	12 53	1 19	1 0	2 22	24 16	0 34	21 12	0 1	17 28	12 30	24 0	23 58	5 59		n.a.
M 7	6 32	6 44	4 38	0n48	1 47	20 5	1 31	19 13	0 35	12 48	1 19	0 59	2 22	24 16	0 34	21 12	0 1	17 29	12 30	24 0	23 58	6 2		n.a.
T 8	6 9	1 55	4 55	1 40	1 53	19 47	1 33	19 23	0 38	12 43	1 19	0 57	2 22	24 16	0 34	21 13	0 1	17 29	12 30	23 59	23 58	6 4		n.a.
W 9	5 46	2 s55	5 0	2 31	1 59	19 28	1 34	19 33	0 41	12 38	1 19	0 56	2 22	24 16	0 34	21 13	0 1	17 30	12 30	23 58	23 58	6 7		n.a.
T 10	5 24	7 38	4 51	3 20	2 4	19 9	1 35	19 43	0 44	12 33	1 19	0 54	2 22	24 16	0 34	21 13	0 1	17 31	12 29	23 58	23 58	6 10		n.a.
F 11	5 1	12 4	4 30	4 8	2 8	18 50	1 36	19 52	0 47	12 28	1 19	0 52	2 22	24 16	0 34	21 13	0 1	17 31	12 29	23 57	23 57	6 12		n.a.
S 12	4 38	16 3	3 57	4 54	2 12	18 30	1 38	20 2	0 50	12 23	1 19	0 51	2 23	24 16	0 34	21 13	0 1	17 32	12 29	23 57	23 57	6 15		n.a.
S 13	4 15	19 25	3 13	5 39	2 15	18 9	1 39	20 12	0 53	12 18	1 19	0 49	2 23	24 16	0 34	21 14	0 1	17 32	12 29	23 56	23 57	6 18		n.a.
M14	3 52	21 58	2 20	6 22	2 17	17 48	1 39	20 21	0 57	12 13	1 19	0 47	2 23	24 16	0 34	21 14	0 1	17 33	12 29	23 56	23 57	6 20		n.a.
T 15	3 29	23 33	1 20	7 2	2 19	17 27	1 40	20 30	1 0	12 8	1 19	0 46	2 23	24 16	0 34	21 14	0 1	17 33	12 29	23 56	23 57	6 23		n.a.
W16	3 6	24 0	0 15	7 42	2 20	17 5	1 41	20 40	1 3	12 3	1 19	0 44	2 23	24 16	0 34	21 14	0 1	17 34	12 29	23 56	23 57	6 25		n.a.
T 17	2 43	23 11	0n53	8 19	2 20	16 42	1 42	20 49	1 7	11 58	1 19	0 42	2 23	24 16	0 34	21 14	0 1	17 34	12 29	23 56	23 56	6 28		n.a.
F 18	2 20	21 4	2 0	8 55	2 20	16 19	1 42	20 58	1 10	11 53	1 19	0 41	2 23	24 16	0 34	21 15	0 1	17 35	12 28	23 56	23 56	6 30		n.a.
S 19	1 56	17 41	3 3	9 28	2 19	15 56	1 43	21 7	1 13	11 48	1 19	0 39	2 23	24 17	0 34	21 15	0 1	17 35	12 28	23 56	23 56	6 33		n.a.
S 20	1 33	13 10	3 56	10 0	2 17	15 32	1 43	21 16	1 17	11 43	1 19	0 37	2 23	24 17	0 34	21 15	0 1	17 36	12 28	23 56	23 56	6 36		n.a.
M21	1 10	7 45	4 36	10 30	2 15	15 8	1 44	21 24	1 21	11 38	1 19	0 35	2 23	24 17	0 34	21 15	0 1	17 36	12 28	23 55	23 56	6 38		n.a.
T 22	0 47	1 47	4 57	10 58	2 12	14 44	1 44	21 33	1 24	11 33	1 19	0 34	2 23	24 17	0 34	21 16	0 1	17 37	12 28	23 55	23 56	6 41		n.a.
W23	0 23	4n23	4 58	11 25	2 8	14 19	1 44	21 41	1 28	11 28	1 19	0 32	2 23	24 17	0 34	21 16	0 1	17 37	12 28	23 54	23 55	6 43		n.a.
T 24	0 0	10 17	4 38	11 49	2 4	13 53	1 44	21 50	1 32	11 23	1 19	0 30	2 23	24 17	0 34	21 16	0 1	17 38	12 27	23 53	23 55	6 46		n.a.
F 25	0n23	15 30	3 58	12 12	1 59	13 28	1 44	21 58	1 36	11 19	1 19	0 28	2 23	24 17	0 34	21 16	0 1	17 38	12 27	23 53	23 55	6 49		n.a.
S 26	0 46	19 39	3 3	12 32	1 54	13 1	1 44	22 6	1 39	11 14	1 19	0 27	2 22	24 17	0 34	21 17	0 1	17 39	12 27	23 52	23 55	6 51		n.a.
S 27	1 10	22 28	1 58	12 51	1 47	12 35	1 44	22 14	1 43	11 9	1 19	0 25	2 22	24 17	0 34	21 17	0 1	17 39	12 27	23 52	23 55	6 54		n.a.
M28	1 33	23 48	0 47	13 8	1 41	12 8	1 44	22 22	1 47	11 4	1 19	0 23	2 22	24 17	0 34	21 17	0 1	17 39	12 26	23 52	23 55	6 56		n.a.
T 29	1 56	23 40	0 s24	13 23	1 33	11 41	1 44	22 30	1 51	10 59	1 19	0 21	2 22	24 17	0 34	21 17	0 1	17 40	12 26	23 52	23 54	6 59		n.a.
W30	2n19	22n13	1 s32	13n36	1n25	11 s14	1 s43	22 s38	1 s55	10 s54	1 s19	0 s20	2n22	24n17	0n34	21n18	0 s 1	17n40	12n26	23 s52	23 s54	7 s 1		n.a.

Julian Day Number = 198786.5, Delta T = 32h14m10s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'42, Lahiri = -61°13'41 Julian Calendar 1 Apr. 4169 BCE == Greg. Calendar 28 Feb. 4169 BCE

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

MAY 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 27 46	6♈38'34	22♋25	2♉14	7♓ 0	0♐24	5♓55	6°R 3	20♊ 7	2♊50	14°R25	22°R 3	22♐35	6♎ 7	n.a.	T 1
F 2	12 31 42	7°35'33	4♌51	3° 5	8°12	0°40	6° 8	5♎58	20° 9	2°52	14♍24	22♐ 1	22°32	6°14	n.a.	F 2
S 3	12 35 39	8°32'32	17° 4	3°51	9°23	0°55	6°20	5°54	20°10	2°53	14°22	21°55	22°29	6°21	n.a.	S 3
S 4	12 39 36	9°29'32	29° 9	4°34	10°35	1°10	6°33	5°49	20°12	2°55	14°21	21°47	22°26	6°27	n.a.	S 4
M 5	12 43 32	10°26'32	11♍ 7	5°14	11°47	1°24	6°46	5°45	20°14	2°56	14°19	21°37	22°23	6°34	n.a.	M 5
T 6	12 47 29	11°23'31	23° 2	5°49	12°59	1°37	6°58	5°41	20°16	2°58	14°18	21°25	22°19	6°41	n.a.	T 6
W 7	12 51 25	12°20'32	4♎54	6°21	14°10	1°49	7°11	5°36	20°18	2°59	14°16	21°13	22°16	6°47	n.a.	W 7
T 8	12 55 22	13°17'33	16°47	6°48	15°22	2° 1	7°24	5°32	20°20	3° 1	14°15	21° 1	22°13	6°54	n.a.	T 8
F 9	12 59 18	14°14'34	28°41	7°11	16°34	2°12	7°36	5°28	20°22	3° 2	14°14	20°50	22°10	7° 1	n.a.	F 9
S 10	13 3 15	15°11'36	10♏37	7°29	17°46	2°23	7°48	5°23	20°24	3° 4	14°12	20°41	22° 7	7° 8	n.a.	S 10
S 11	13 7 12	16° 8'39	22°39	7°43	18°58	2°32	8° 1	5°19	20°26	3° 6	14°11	20°35	22° 4	7°14	n.a.	S 11
M12	13 11 8	17° 5'43	4♐48	7°52	20°10	2°41	8°13	5°15	20°28	3° 7	14°10	20°32	22° 0	7°21	n.a.	M12
T 13	13 15 5	18° 2'47	17° 7	7°R57	21°23	2°49	8°25	5°10	20°30	3° 9	14° 8	20°D31	21°57	7°28	n.a.	T 13
W14	13 19 1	18°59'53	29°41	7°56	22°35	2°57	8°37	5° 6	20°32	3°11	14° 7	20°31	21°54	7°34	n.a.	W14
T 15	13 22 58	19°57'00	12♑33	7°51	23°47	3° 4	8°49	5° 2	20°35	3°12	14° 6	20°32	21°51	7°41	n.a.	T 15
F 16	13 26 55	20°54'07	25°47	7°41	24°59	3°10	9° 1	4°58	20°37	3°14	14° 5	20°R32	21°48	7°48	n.a.	F 16
S 17	13 30 51	21°51'16	9♒26	7°26	26°12	3°15	9°13	4°54	20°39	3°16	14° 4	20°30	21°44	7°55	n.a.	S 17
S 18	13 34 48	22°48'26	23°33	7° 7	27°24	3°19	9°25	4°50	20°42	3°18	14° 2	20°27	21°41	8° 1	n.a.	S 18
M19	13 38 44	23°45'37	8♓ 5	6°43	28°36	3°22	9°37	4°46	20°44	3°19	14° 1	20°21	21°38	8° 8	n.a.	M19
T 20	13 42 41	24°42'49	22°59	6°15	29°49	3°25	9°49	4°42	20°47	3°21	14° 0	20°14	21°35	8°15	n.a.	T 20
W21	13 46 37	25°40'02	8♈ 8	5°43	1♈ 2	3°27	10° 0	4°38	20°49	3°23	13°59	20° 6	21°32	8°22	n.a.	W21
T 22	13 50 34	26°37'17	23°22	5° 7	2°14	3°28	10°12	4°34	20°52	3°25	13°58	19°58	21°29	8°28	n.a.	T 22
F 23	13 54 31	27°34'32	8♉30	4°29	3°27	3°R28	10°23	4°30	20°54	3°27	13°57	19°52	21°25	8°35	n.a.	F 23
S 24	13 58 27	28°31'49	23°23	3°48	4°39	3°28	10°35	4°26	20°57	3°29	13°56	19°47	21°22	8°42	n.a.	S 24
S 25	14 2 24	29°29'06	7♊52	3° 5	5°52	3°26	10°46	4°22	21° 0	3°31	13°55	19°45	21°19	8°48	n.a.	S 25
M26	14 6 20	0♉26'25	21°55	2°22	7° 5	3°24	10°57	4°18	21° 2	3°33	13°54	19°D44	21°16	8°55	n.a.	M26
T 27	14 10 17	1°23'44	5♋30	1°38	8°18	3°21	11° 8	4°15	21° 5	3°34	13°53	19°45	21°13	9° 2	n.a.	T 27
W28	14 14 13	2°21'04	18°39	0°55	9°31	3°17	11°19	4°11	21° 8	3°36	13°52	19°46	21° 9	9° 9	n.a.	W28
T 29	14 18 10	3°18'25	1♌24	0°13	10°43	3°13	11°30	4° 8	21°11	3°38	13°51	19°R47	21° 6	9°15	n.a.	T 29
F 30	14 22 7	4°15'47	13°50	29♈33	11°56	3° 7	11°41	4° 4	21°13	3°40	13°50	19°46	21° 3	9°22	n.a.	F 30
S 31	14 26 3	5♉13'10	26♌ 2	28♈56	13♈ 9	3♐ 1	11♓52	4♎ 1	21♊16	3♊42	13♍49	19♐44	21♐ 0	9♎29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2n43	19n40	2s33	13n46	1n16	10s46	1s43	22s45	2s 0	10s49	1s19	0s18	2n22	24n18	0n34	21n18	0s 1	17n41	12n26	23s52	23s54	7s 4			n.a.
F 2	3 6	16 16	3 26	13 56	1 7	10 18	1 43	22 53	2 4	10 44	1 19	0 16	2 22	24 18	0 34	21 18	0 1	17 41	12 25	23 52	23 54	7 6			n.a.
S 3	3 29	12 13	4 8	14 3	0 57	9 50	1 42	23 0	2 8	10 40	1 19	0 14	2 22	24 18	0 34	21 19	0 1	17 41	12 25	23 52	23 54	7 9			n.a.
S 4	3 52	7 45	4 39	14 8	0 46	9 22	1 41	23 8	2 12	10 35	1 20	0 13	2 22	24 18	0 33	21 19	0 1	17 42	12 25	23 51	23 53	7 12			n.a.
M 5	4 15	3 3	4 56	14 11	0 35	8 53	1 41	23 15	2 17	10 30	1 20	0 11	2 22	24 18	0 33	21 19	0 1	17 42	12 25	23 50	23 53	7 14			n.a.
T 6	4 38	1s45	5 1	14 12	0 23	8 24	1 40	23 22	2 21	10 25	1 20	0 9	2 22	24 18	0 33	21 20	0 1	17 42	12 24	23 50	23 53	7 17			n.a.
W 7	5 1	6 28	4 53	14 11	0 11	7 55	1 39	23 29	2 26	10 21	1 20	0 8	2 22	24 18	0 33	21 20	0 1	17 43	12 24	23 49	23 53	7 19			n.a.
T 8	5 23	10 56	4 32	14 8	0s 2	7 25	1 38	23 36	2 30	10 16	1 20	0 6	2 22	24 18	0 33	21 20	0 1	17 43	12 24	23 48	23 53	7 22			n.a.
F 9	5 46	15 1	3 59	14 3	0 15	6 56	1 37	23 42	2 35	10 11	1 20	0 4	2 22	24 18	0 33	21 21	0 1	17 43	12 24	23 47	23 53	7 24			n.a.
S 10	6 9	18 30	3 15	13 57	0 29	6 26	1 36	23 49	2 39	10 7	1 20	0 3	2 22	24 19	0 33	21 21	0 1	17 43	12 23	23 47	23 52	7 27			n.a.
S 11	6 31	21 15	2 23	13 48	0 43	5 56	1 35	23 56	2 44	10 2	1 20	0 1	2 21	24 19	0 33	21 21	0 1	17 44	12 23	23 46	23 52	7 29			n.a.
M12	6 54	23 3	1 23	13 37	0 57	5 26	1 34	24 2	2 48	9 57	1 20	0n 1	2 21	24 19	0 33	21 22	0 1	17 44	12 23	23 46	23 52	7 32			n.a.
T 13	7 16	23 46	0 18	13 25	1 12	4 55	1 33	24 8	2 53	9 53	1 20	0 2	2 21	24 19	0 33	21 22	0 1	17 44	12 22	23 46	23 52	7 34			n.a.
W14	7 39	23 18	0n49	13 11	1 27	4 25	1 31	24 14	2 58	9 48	1 20	0 4	2 21	24 19	0 33	21 22	0 1	17 44	12 22	23 46	23 52	7 37			n.a.
T 15	8 1	21 36	1 55	12 55	1 42	3 54	1 30	24 21	3 3	9 43	1 20	0 6	2 21	24 19	0 33	21 23	0 1	17 44	12 22	23 46	23 51	7 39			n.a.
F 16	8 23	18 41	2 57	12 37	1 57	3 24	1 29	24 26	3 7	9 39	1 21	0 7	2 21	24 19	0 33	21 23	0 1	17 45	12 21	23 46	23 51	7 42			n.a.
S 17	8 45	14 41	3 51	12 19	2 12	2 53	1 27	24 32	3 12	9 34	1 21	0 9	2 21	24 20	0 33	21 23	0 1	17 45	12 21	23 46	23 51	7 44			n.a.
S 18	9 7	9 46	4 33	11 58	2 26	2 22	1 26	24 38	3 17	9 30	1 21	0 10	2 21	24 20	0 33	21 24	0 1	17 45	12 21	23 46	23 51	7 47			n.a.
M19	9 28	4 10	4 59	11 37	2 41	1 51	1 24	24 43	3 22	9 25	1 21	0 12	2 20	24 20	0 33	21 24	0 1	17 45	12 20	23 45	23 51	7 49			n.a.
T 20	9 50	1n47	5 5	11 14	2 55	1 20	1 22	24 49	3 27	9 21	1 21	0 13	2 20	24 20	0 33	21 24	0 1	17 45	12 20	23 45	23 50	7 52			n.a.
W21	10 12	7 44	4 51	10 51	3 8	0 49	1 21	24 54	3 32	9 16	1 21	0 15	2 20	24 20	0 33	21 25	0 1	17 45	12 20	23 44	23 50	7 54			n.a.
T 22	10 33	13 16	4 16	10 28	3 20	0 17	1 19	24 59	3 37	9 12	1 21	0 16	2 20	24 20	0 33	21 25	0 1	17 45	12 19	23 43	23 50	7 57			n.a.
F 23	10 54	17 55	3 23	10 4	3 31	0n14	1 17	25 4	3 42	9 8	1 21	0 18	2 20	24 21	0 33	21 26	0 1	17 46	12 19	23 43	23 50	7 59			n.a.
S 24	11 15	21 21	2 17	9 40	3 42	0 45	1 15	25 9	3 47	9 3	1 21	0 19	2 20	24 21	0 33	21 26	0 1	17 46	12 18	23 43	23 49	8 2			n.a.
S 25	11 36	23 17	1 3	9 17	3 51	1 16	1 14	25 13	3 52	8 59	1 21	0 20	2 20	24 21	0 33	21 26	0 1	17 46	12 18	23 42	23 49	8 4			n.a.
M26	11 57	23 40	0s12	8 55	3 58	1 48	1 12	25 18	3 57	8 55	1 22	0 22	2 19	24 21	0 33	21 27	0 1	17 46	12 18	23 42	23 49	8 7			n.a.
T 27	12 17	22 36	1 24	8 34	4 4	2 19	1 10	25 22	4 2	8 51	1 22	0 23	2 19	24 21	0 33	21 27	0 1	17 46	12 17	23 42	23 49	8 9			n.a.
W28	12 38	20 18	2 30	8 14	4 9	2 50	1 8	25 26	4 7	8 46	1 22	0 24	2 19	24 21	0 33	21 27	0 1	17 46	12 17	23 42	23 49	8 12			n.a.
T 29	12 58	17 4	3 26	7 57	4 12	3 21	1 6	25 30	4 12	8 42	1 22	0 26	2 19	24 22	0 33	21 28	0 1	17 46	12 16	23 42	23 48	8 14			n.a.
F 30	13 18	13 9	4 10	7 41	4 13	3 53	1 4	25 33	4 16	8 38	1 22	0 27	2 19	24 22	0 33	21 28	0 1	17 46	12 16	23 42	23 48	8 17			n.a.
S 31	13n38	8n46	4s43	7n28	4s13	4n24	1s 1	25s37	4s21	8s34	1s22	0n28	2n19	24n22	0n33	21n29	0s 1	17n46	12n16	23s42	23s48	8s19			n.a.

Julian Day Number = 198816.5, Delta T = 32h14m07s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'38, Lahiri = -61°13'37 Julian Calendar 1 May 4169 BCE == Greg. Calendar 29 March 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

JUNE 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 30 0	6♉10'34	8♍ 3	28°R22	14♈22	2°R54	12♓ 3	3°R57	21♊19	3♊44	13°R48	19°R40	20♐57	9♎35	n.a.	S 1
M 2	14 33 56	7° 7'59	19°59	27♈53	15°35	2♐46	12°13	3♎54	21°22	3°46	13♍48	19♐34	20°54	9°42	n.a.	M 2
T 3	14 37 53	8° 5'26	1♎51	27°29	16°49	2°38	12°24	3°51	21°25	3°48	13°47	19°27	20°50	9°49	n.a.	T 3
W 4	14 41 49	9° 2'53	13°43	27°10	18° 2	2°29	12°34	3°47	21°28	3°51	13°46	19°20	20°47	9°56	n.a.	W 4
T 5	14 45 46	10° 0'22	25°38	26°57	19°15	2°19	12°44	3°44	21°31	3°53	13°45	19°13	20°44	10° 2	n.a.	T 5
F 6	14 49 43	10°57'52	7♏37	26°51	20°28	2° 9	12°55	3°41	21°34	3°55	13°45	19° 6	20°41	10° 9	n.a.	F 6
S 7	14 53 39	11°55'24	19°41	26°D51	21°41	1°57	13° 5	3°38	21°37	3°57	13°44	19° 1	20°38	10°16	n.a.	S 7
S 8	14 57 36	12°52'57	1♐53	26°57	22°55	1°46	13°15	3°35	21°41	3°59	13°43	18°58	20°35	10°22	n.a.	S 8
M 9	15 1 32	13°50'32	14°14	27°11	24° 8	1°33	13°25	3°33	21°44	4° 1	13°43	18°D57	20°31	10°29	n.a.	M 9
T 10	15 5 29	14°48'09	26°45	27°31	25°22	1°20	13°34	3°30	21°47	4° 3	13°42	18°57	20°28	10°36	n.a.	T 10
W11	15 9 25	15°45'48	9♑29	27°59	26°35	1° 7	13°44	3°27	21°50	4° 5	13°42	18°58	20°25	10°43	n.a.	W11
T 12	15 13 22	16°43'28	22°29	28°33	27°49	0°53	13°54	3°24	21°53	4° 7	13°41	19° 0	20°22	10°49	n.a.	T 12
F 13	15 17 19	17°41'10	5♒47	29°15	29° 2	0°39	14° 3	3°22	21°57	4°10	13°41	19° 1	20°19	10°56	n.a.	F 13
S 14	15 21 15	18°38'54	19°24	0♉ 3	0♉16	0°24	14°12	3°19	22° 0	4°12	13°40	19°R 2	20°15	11° 3	n.a.	S 14
S 15	15 25 12	19°36'40	3♓22	0°58	1°29	0° 8	14°22	3°17	22° 3	4°14	13°40	19° 1	20°12	11° 9	n.a.	S 15
M16	15 29 8	20°34'28	17°40	2° 0	2°43	29♏53	14°31	3°15	22° 7	4°16	13°39	18°59	20° 9	11°16	n.a.	M16
T 17	15 33 5	21°32'19	2♈17	3° 8	3°57	29°37	14°40	3°13	22°10	4°18	13°39	18°56	20° 6	11°23	n.a.	T 17
W18	15 37 1	22°30'11	17° 6	4°21	5°11	29°21	14°49	3°10	22°13	4°20	13°39	18°52	20° 3	11°30	n.a.	W18
T 19	15 40 58	23°28'05	2♉ 1	5°41	6°24	29° 4	14°57	3° 8	22°17	4°23	13°39	18°49	20° 0	11°36	n.a.	T 19
F 20	15 44 54	24°26'01	16°55	7° 6	7°38	28°48	15° 6	3° 7	22°20	4°25	13°38	18°46	19°56	11°43	n.a.	F 20
S 21	15 48 51	25°23'59	1♊37	8°36	8°52	28°31	15°14	3° 5	22°24	4°27	13°38	18°44	19°53	11°50	n.a.	S 21
S 22	15 52 48	26°21'59	16° 3	10°10	10° 6	28°14	15°23	3° 3	22°27	4°29	13°38	18°D43	19°50	11°56	n.a.	S 22
M23	15 56 44	27°20'01	0♋ 5	11°49	11°20	27°57	15°31	3° 1	22°31	4°31	13°38	18°43	19°47	12° 3	n.a.	M23
T 24	16 0 41	28°18'04	13°43	13°31	12°34	27°40	15°39	3° 0	22°34	4°34	13°38	18°45	19°44	12°10	n.a.	T 24
W25	16 4 37	29°16'09	26°56	15°16	13°48	27°24	15°47	2°58	22°38	4°36	13°38	18°46	19°41	12°17	n.a.	W25
T 26	16 8 34	0♊14'16	9♌46	17° 5	15° 2	27° 7	15°55	2°57	22°41	4°38	13°37	18°47	19°37	12°23	n.a.	T 26
F 27	16 12 30	1°12'24	22°15	18°56	16°17	26°51	16° 3	2°55	22°45	4°40	13°D37	18°48	19°34	12°30	n.a.	F 27
S 28	16 16 27	2°10'34	4♍29	20°48	17°31	26°35	16°10	2°54	22°49	4°43	13°37	18°R48	19°31	12°37	n.a.	S 28
S 29	16 20 23	3° 8'46	16°31	22°43	18°45	26°19	16°18	2°53	22°52	4°45	13°38	18°48	19°28	12°43	n.a.	S 29
M30	16 24 20	4♊ 7'00	28♍26	24♉38	19♉59	26♏ 3	16♓25	2♎52	22♊56	4♊47	13♍38	18♐47	19♐25	12♎50	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n57	4n 7	5s 3	7n18	4s11	4n55	0s59	25s40	4s26	8s30	1s22	0n29	2n18	24n22	0n33	21n29	0s 1	17n46	12n15	23s42	23s48	8s22		n.a.
M 2	14 17	0s38	5 9	7 11	4 7	5 26	0 57	25 43	4 31	8 26	1 22	0 31	2 18	24 22	0 33	21 29	0 1	17 46	12 15	23 41	23 47	8 24		n.a.
T 3	14 36	5 21	5 2	7 7	4 2	5 57	0 55	25 46	4 36	8 22	1 23	0 32	2 18	24 23	0 33	21 30	0 0	17 46	12 14	23 41	23 47	8 27		n.a.
W 4	14 55	9 52	4 42	7 6	3 55	6 27	0 53	25 49	4 40	8 18	1 23	0 33	2 18	24 23	0 33	21 30	0 0	17 45	12 14	23 40	23 47	8 29		n.a.
T 5	15 14	14 2	4 9	7 9	3 47	6 58	0 50	25 51	4 45	8 14	1 23	0 34	2 18	24 23	0 33	21 31	0 0	17 45	12 13	23 40	23 47	8 32		n.a.
F 6	15 32	17 40	3 26	7 15	3 38	7 29	0 48	25 53	4 49	8 10	1 23	0 35	2 17	24 23	0 33	21 31	0 0	17 45	12 13	23 39	23 47	8 34		n.a.
S 7	15 50	20 35	2 32	7 25	3 28	7 59	0 46	25 55	4 54	8 6	1 23	0 36	2 17	24 23	0 33	21 32	0 0	17 45	12 13	23 39	23 46	8 36		n.a.
S 8	16 8	22 37	1 32	7 37	3 17	8 29	0 43	25 57	4 58	8 2	1 23	0 37	2 17	24 24	0 33	21 32	0 0	17 45	12 12	23 38	23 46	8 39		n.a.
M 9	16 26	23 35	0 26	7 54	3 5	8 59	0 41	25 58	5 2	7 59	1 23	0 38	2 17	24 24	0 33	21 32	0 0	17 45	12 12	23 38	23 46	8 41		n.a.
T 10	16 44	23 22	0n43	8 13	2 52	9 29	0 39	26 0	5 6	7 55	1 24	0 39	2 17	24 24	0 33	21 33	0 0	17 45	12 11	23 38	23 46	8 44		n.a.
W11	17 1	21 56	1 50	8 35	2 39	9 58	0 36	26 1	5 10	7 51	1 24	0 40	2 16	24 24	0 33	21 33	0 0	17 44	12 11	23 38	23 45	8 46		n.a.
T 12	17 18	19 20	2 53	9 1	2 25	10 28	0 34	26 1	5 14	7 47	1 24	0 41	2 16	24 24	0 33	21 34	0 0	17 44	12 10	23 39	23 45	8 49		n.a.
F 13	17 35	15 40	3 49	9 29	2 10	10 57	0 31	26 2	5 18	7 44	1 24	0 42	2 16	24 25	0 33	21 34	0 0	17 44	12 10	23 39	23 45	8 51		n.a.
S 14	17 51	11 7	4 33	10 0	1 56	11 26	0 29	26 2	5 22	7 40	1 24	0 42	2 16	24 25	0 33	21 35	0 0	17 44	12 9	23 39	23 45	8 53		n.a.
S 15	18 8	5 53	5 2	10 34	1 41	11 55	0 26	26 2	5 25	7 37	1 24	0 43	2 15	24 25	0 33	21 35	0 0	17 43	12 9	23 39	23 44	8 56		n.a.
M16	18 24	0 13	5 13	11 9	1 27	12 23	0 24	26 2	5 28	7 33	1 24	0 44	2 15	24 25	0 33	21 35	0 0	17 43	12 8	23 39	23 44	8 58		n.a.
T 17	18 39	5n34	5 5	11 47	1 12	12 51	0 21	26 1	5 32	7 30	1 25	0 45	2 15	24 25	0 33	21 36	0 0	17 43	12 8	23 38	23 44	9 1		n.a.
W18	18 55	11 8	4 36	12 26	0 58	13 19	0 19	26 1	5 35	7 27	1 25	0 45	2 15	24 26	0 33	21 36	0 0	17 43	12 8	23 38	23 44	9 3		n.a.
T 19	19 10	16 4	3 49	13 6	0 43	13 47	0 16	26 0	5 38	7 23	1 25	0 46	2 14	24 26	0 33	21 37	0 0	17 42	12 7	23 38	23 43	9 6		n.a.
F 20	19 24	20 0	2 46	13 48	0 30	14 14	0 14	25 58	5 40	7 20	1 25	0 46	2 14	24 26	0 33	21 37	0 0	17 42	12 7	23 37	23 43	9 8		n.a.
S 21	19 39	22 35	1 33	14 31	0 16	14 41	0 11	25 57	5 43	7 17	1 25	0 47	2 14	24 26	0 33	21 38	0 0	17 42	12 6	23 37	23 43	9 10		n.a.
S 22	19 53	23 36	0 15	15 14	0 3	15 7	0 9	25 55	5 45	7 14	1 26	0 47	2 14	24 26	0 33	21 38	0 0	17 41	12 6	23 37	23 43	9 13		n.a.
M23	20 7	23 5	1s 2	15 57	0n 9	15 33	0 6	25 53	5 48	7 10	1 26	0 48	2 14	24 27	0 33	21 38	0 0	17 41	12 5	23 37	23 42	9 15		n.a.
T 24	20 20	21 10	2 14	16 40	0 21	15 59	0 4	25 51	5 50	7 7	1 26	0 48	2 13	24 27	0 33	21 39	0 0	17 40	12 5	23 37	23 42	9 18		n.a.
W25	20 33	18 10	3 15	17 23	0 32	16 24	0 1	25 49	5 52	7 4	1 26	0 49	2 13	24 27	0 33	21 39	0 0	17 40	12 4	23 37	23 42	9 20		n.a.
T 26	20 46	14 22	4 6	18 5	0 43	16 49	0n 1	25 47	5 53	7 1	1 26	0 49	2 13	24 27	0 33	21 40	0 0	17 40	12 4	23 38	23 42	9 22		n.a.
F 27	20 59	10 2	4 43	18 46	0 52	17 14	0 4	25 44	5 55	6 59	1 26	0 49	2 13	24 27	0 33	21 40	0 0	17 39	12 3	23 38	23 41	9 25		n.a.
S 28	21 11	5 24	5 6	19 26	1 1	17 38	0 6	25 42	5 56	6 56	1 27	0 50	2 12	24 28	0 33	21 41	0 0	17 39	12 3	23 38	23 41	9 27		n.a.
S 29	21 22	0 39	5 16	20 5	1 9	18 1	0 9	25 39	5 57	6 53	1 27	0 50	2 12	24 28	0 33	21 41	0 0	17 38	12 2	23 38	23 41	9 30		n.a.
M30	21n34	4s 6	5s11	20n42	1n17	18n25	0n11	25s36	5s58	6s50	1s27	0n50	2n12	24n28	0n33	21n41	0s 0	17n38	12n 2	23s37	23s41	9s32		n.a.

Julian Day Number = 198847.5, Delta T = 32h14m04s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'34, Lahiri = -61°13'33 Julian Calendar 1 June 4169 BCE == Greg. Calendar 29 Apr. 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

JULY 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 28 17	5♊ 5'15	10♎18	26♉34	21♉14	25°R48	16♓32	2°R51	22♊59	4♊49	13♍38	18°R45	19♐21	12♎57	n.a.	T 1
W 2	16 32 13	6° 3'32	22°11	28°31	22°28	25♏33	16°39	2♎50	23° 3	4°52	13°38	18♐43	19°18	13° 4	n.a.	W 2
T 3	16 36 10	7° 1'51	4♏ 9	0♊28	23°42	25°19	16°46	2°49	23° 7	4°54	13°38	18°41	19°15	13°10	n.a.	T 3
F 4	16 40 6	8° 0'12	16°14	2°25	24°57	25° 5	16°52	2°49	23°10	4°56	13°38	18°40	19°12	13°17	n.a.	F 4
S 5	16 44 3	8°58'35	28°29	4°22	26°11	24°52	16°59	2°48	23°14	4°58	13°39	18°39	19° 9	13°24	n.a.	S 5
S 6	16 47 59	9°57'01	10♐55	6°18	27°26	24°39	17° 5	2°48	23°18	5° 0	13°39	18°38	19° 6	13°30	n.a.	S 6
M 7	16 51 56	10°55'28	23°32	8°14	28°40	24°26	17°11	2°47	23°22	5° 3	13°39	18°D38	19° 2	13°37	n.a.	M 7
T 8	16 55 52	11°53'58	6♑23	10° 9	29°55	24°15	17°17	2°47	23°25	5° 5	13°39	18°39	18°59	13°44	n.a.	T 8
W 9	16 59 49	12°52'30	19°27	12° 3	1♊ 9	24° 4	17°23	2°47	23°29	5° 7	13°40	18°39	18°56	13°51	n.a.	W 9
T 10	17 3 46	13°51'04	2♒45	13°57	2°24	23°53	17°29	2°D47	23°33	5° 9	13°40	18°40	18°53	13°57	n.a.	T 10
F 11	17 7 42	14°49'40	16°16	15°49	3°39	23°43	17°35	2°47	23°37	5°12	13°41	18°40	18°50	14° 4	n.a.	F 11
S 12	17 11 39	15°48'19	0♓ 0	17°41	4°53	23°34	17°40	2°47	23°40	5°14	13°41	18°40	18°46	14°11	n.a.	S 12
S 13	17 15 35	16°47'01	13°58	19°31	6° 8	23°26	17°45	2°47	23°44	5°16	13°42	18°R40	18°43	14°17	n.a.	S 13
M14	17 19 32	17°45'45	28° 7	21°21	7°23	23°18	17°50	2°48	23°48	5°18	13°42	18°40	18°40	14°24	n.a.	M14
T 15	17 23 28	18°44'31	12♈26	23°10	8°38	23°11	17°55	2°48	23°52	5°20	13°43	18°D40	18°37	14°31	n.a.	T 15
W16	17 27 25	19°43'20	26°53	24°57	9°53	23° 5	18° 0	2°48	23°55	5°23	13°43	18°40	18°34	14°38	n.a.	W16
T 17	17 31 21	20°42'12	11♉22	26°44	11° 8	22°59	18° 4	2°49	23°59	5°25	13°44	18°40	18°31	14°44	n.a.	T 17
F 18	17 35 18	21°41'06	25°49	28°30	12°22	22°54	18° 9	2°50	24° 3	5°27	13°45	18°41	18°27	14°51	n.a.	F 18
S 19	17 39 14	22°40'03	10♊ 9	0♋14	13°37	22°50	18°13	2°51	24° 7	5°29	13°46	18°41	18°24	14°58	n.a.	S 19
S 20	17 43 11	23°39'01	24°17	1°58	14°52	22°47	18°17	2°51	24°11	5°31	13°46	18°R41	18°21	15° 4	n.a.	S 20
M21	17 47 7	24°38'03	8♋ 8	3°40	16° 7	22°45	18°21	2°52	24°14	5°33	13°47	18°41	18°18	15°11	n.a.	M21
T 22	17 51 4	25°37'06	21°40	5°22	17°22	22°43	18°25	2°54	24°18	5°36	13°48	18°40	18°15	15°18	n.a.	T 22
W23	17 55 1	26°36'12	4♌52	7° 2	18°38	22°D43	18°28	2°55	24°22	5°38	13°49	18°39	18°12	15°25	n.a.	W23
T 24	17 58 57	27°35'19	17°42	8°42	19°53	22°43	18°31	2°56	24°26	5°40	13°50	18°38	18° 8	15°31	n.a.	T 24
F 25	18 2 54	28°34'29	0♍14	10°21	21° 8	22°44	18°34	2°57	24°30	5°42	13°51	18°37	18° 5	15°38	n.a.	F 25
S 26	18 6 50	29°33'40	12°29	11°59	22°23	22°45	18°37	2°59	24°33	5°44	13°51	18°36	18° 2	15°45	n.a.	S 26
S 27	18 10 47	0♋32'54	24°32	13°36	23°38	22°48	18°40	3° 1	24°37	5°46	13°52	18°35	17°59	15°51	n.a.	S 27
M28	18 14 43	1°32'10	6♎27	15°12	24°53	22°51	18°42	3° 2	24°41	5°48	13°53	18°D35	17°56	15°58	n.a.	M28
T 29	18 18 40	2°31'27	18°20	16°47	26° 8	22°55	18°45	3° 4	24°45	5°50	13°55	18°36	17°52	16° 5	n.a.	T 29
W30	18 22 36	3°30'47	0♏13	18°21	27°24	23° 0	18°47	3° 6	24°48	5°52	13°56	18°37	17°49	16°12	n.a.	W30
T 31	18 26 33	4♋30'09	12♏13	19♋55	28♊39	23♏ 5	18♓49	3♎ 8	24♊52	5♊54	13♍57	18♐38	17♐46	16♎18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n45	8s40	4s54	21n17	1n23	18n47	0n13	25s33	5s59	6s48	1s27	0n50	2n12	24n28	0n33	21n42	0s 0	17n37	12n 1	23s37	23s40	9s34		n.a.
W 2	21 55	12 56	4 24	21 50	1 29	19 9	0 16	25 29	6 0	6 45	1 27	0 50	2 11	24 28	0 33	21 42	0 0	17 37	12 1	23 37	23 40	9 37		n.a.
T 3	22 6	16 44	3 42	22 21	1 34	19 31	0 18	25 26	6 0	6 42	1 28	0 50	2 11	24 29	0 33	21 43	0 0	17 36	12 0	23 37	23 40	9 39		n.a.
F 4	22 15	19 52	2 50	22 50	1 38	19 52	0 21	25 23	6 0	6 40	1 28	0 50	2 11	24 29	0 33	21 43	0 0	17 36	12 0	23 37	23 40	9 41		n.a.
S 5	22 25	22 9	1 49	23 16	1 42	20 13	0 23	25 20	6 0	6 37	1 28	0 50	2 10	24 29	0 33	21 44	0 0	17 35	11 59	23 37	23 39	9 44		n.a.
S 6	22 34	23 25	0 43	23 41	1 44	20 33	0 25	25 16	6 0	6 35	1 28	0 50	2 10	24 29	0 33	21 44	0 0	17 35	11 59	23 37	23 39	9 46		n.a.
M 7	22 43	23 30	0n27	24 3	1 46	20 52	0 28	25 13	6 0	6 33	1 28	0 50	2 10	24 29	0 33	21 44	0 0	17 34	11 58	23 37	23 39	9 49		n.a.
T 8	22 51	22 21	1 37	24 23	1 48	21 11	0 30	25 9	6 0	6 31	1 29	0 50	2 10	24 30	0 33	21 45	0 0	17 33	11 58	23 37	23 39	9 51		n.a.
W 9	22 59	19 59	2 43	24 40	1 49	21 29	0 32	25 6	5 59	6 28	1 29	0 50	2 9	24 30	0 33	21 45	0n 0	17 33	11 57	23 37	23 38	9 53		n.a.
T 10	23 6	16 31	3 41	24 55	1 49	21 47	0 34	25 2	5 59	6 26	1 29	0 50	2 9	24 30	0 33	21 46	0 0	17 32	11 57	23 37	23 38	9 56		n.a.
F 11	23 13	12 9	4 28	25 8	1 49	22 4	0 36	24 59	5 58	6 24	1 29	0 50	2 9	24 30	0 33	21 46	0 0	17 32	11 56	23 37	23 38	9 58		n.a.
S 12	23 20	7 7	5 1	25 19	1 48	22 21	0 39	24 56	5 57	6 22	1 29	0 49	2 9	24 30	0 33	21 47	0 0	17 31	11 56	23 37	23 37	10 0		n.a.
S 13	23 26	1 38	5 16	25 28	1 47	22 36	0 41	24 52	5 56	6 20	1 30	0 49	2 8	24 30	0 33	21 47	0 0	17 30	11 55	23 37	23 37	10 3		n.a.
M14	23 32	4n 0	5 13	25 34	1 45	22 51	0 43	24 49	5 54	6 18	1 30	0 49	2 8	24 31	0 33	21 47	0 0	17 30	11 55	23 37	23 37	10 5		n.a.
T 15	23 37	9 29	4 50	25 39	1 43	23 6	0 45	24 46	5 53	6 17	1 30	0 48	2 8	24 31	0 33	21 48	0 0	17 29	11 54	23 37	23 37	10 7		n.a.
W16	23 42	14 30	4 10	25 41	1 41	23 20	0 47	24 43	5 52	6 15	1 30	0 48	2 8	24 31	0 33	21 48	0 0	17 28	11 54	23 37	23 36	10 10		n.a.
T 17	23 46	18 42	3 13	25 42	1 38	23 33	0 49	24 40	5 50	6 13	1 30	0 47	2 7	24 31	0 33	21 49	0 0	17 28	11 53	23 37	23 36	10 12		n.a.
F 18	23 50	21 45	2 4	25 41	1 34	23 45	0 51	24 37	5 48	6 12	1 31	0 47	2 7	24 31	0 33	21 49	0 0	17 27	11 53	23 37	23 36	10 14		n.a.
S 19	23 54	23 23	0 47	25 37	1 31	23 57	0 52	24 34	5 47	6 10	1 31	0 46	2 7	24 32	0 33	21 49	0 0	17 26	11 53	23 37	23 35	10 17		n.a.
S 20	23 57	23 28	0s31	25 33	1 27	24 8	0 54	24 32	5 45	6 9	1 31	0 45	2 7	24 32	0 33	21 50	0 0	17 25	11 52	23 37	23 35	10 19		n.a.
M21	24 0	22 6	1 46	25 26	1 22	24 18	0 56	24 29	5 43	6 8	1 31	0 45	2 6	24 32	0 33	21 50	0 0	17 25	11 52	23 37	23 35	10 21		n.a.
T 22	24 2	19 28	2 53	25 18	1 18	24 27	0 58	24 27	5 41	6 6	1 31	0 44	2 6	24 32	0 33	21 51	0 0	17 24	11 51	23 37	23 35	10 24		n.a.
W23	24 4	15 53	3 49	25 8	1 13	24 36	1 0	24 25	5 39	6 5	1 32	0 43	2 6	24 32	0 33	21 51	0 0	17 23	11 51	23 37	23 34	10 26		n.a.
T 24	24 5	11 39	4 32	24 57	1 8	24 44	1 1	24 23	5 37	6 4	1 32	0 43	2 5	24 33	0 33	21 51	0 0	17 22	11 50	23 37	23 34	10 28		n.a.
F 25	24 6	7 2	5 0	24 44	1 2	24 51	1 3	24 21	5 34	6 3	1 32	0 42	2 5	24 33	0 33	21 52	0 0	17 22	11 50	23 37	23 34	10 31		n.a.
S 26	24 7	2 14	5 15	24 30	0 57	24 57	1 4	24 19	5 32	6 2	1 32	0 41	2 5	24 33	0 33	21 52	0 0	17 21	11 49	23 37	23 33	10 33		n.a.
S 27	24 7	2s34	5 15	24 15	0 51	25 3	1 6	24 17	5 30	6 1	1 33	0 40	2 5	24 33	0 33	21 53	0 0	17 20	11 49	23 36	23 33	10 35		n.a.
M28	24 6	7 13	5 1	23 58	0 45	25 8	1 7	24 16	5 27	6 0	1 33	0 39	2 4	24 33	0 33	21 53	0 0	17 19	11 48	23 36	23 33	10 37		n.a.
T 29	24 5	11 36	4 35	23 40	0 39	25 12	1 9	24 14	5 25	6 0	1 33	0 38	2 4	24 33	0 33	21 53	0 0	17 18	11 48	23 37	23 33	10 40		n.a.
W30	24 4	15 33	3 57	23 21	0 32	25 15	1 10	24 13	5 22	5 59	1 33	0 37	2 4	24 34	0 33	21 54	0 0	17 17	11 47	23 37	23 32	10 42		n.a.
T 31	24n 2	18s54	3s 8	23n 1	0n26	25n18	1n11	24s12	5s20	5s58	1s33	0n36	2n 4	24n34	0n33	21n54	0n 0	17n17	11n47	23s37	23s32	10s44		n.a.

Julian Day Number = 198877.5, Delta T = 32h14m01s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'30, Lahiri = -61°13'29 Julian Calendar 1 July 4169 BCE == Greg. Calendar 29 May 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

AUGUST 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 30 29	5♋29'33	24♏23	21♋27	29♊54	23♏12	18♓51	3♎10	24♊56	5♊56	13♍58	18♐40	17♐43	16♎25	n.a.	F 1
S 2	18 34 26	6°28'59	6♐46	22°59	1♋10	23°19	18°52	3°12	25° 0	5°58	13°59	18°41	17°40	16°32	n.a.	S 2
S 3	18 38 22	7°28'27	19°25	24°30	2°25	23°27	18°54	3°14	25° 3	6° 0	14° 0	18°R41	17°37	16°38	n.a.	S 3
M 4	18 42 19	8°27'58	2♑21	26° 0	3°40	23°35	18°55	3°17	25° 7	6° 2	14° 1	18°41	17°33	16°45	n.a.	M 4
T 5	18 46 15	9°27'31	15°34	27°29	4°56	23°44	18°56	3°19	25°11	6° 4	14° 3	18°39	17°30	16°52	n.a.	T 5
W 6	18 50 12	10°27'06	29° 4	28°57	6°11	23°54	18°57	3°22	25°15	6° 6	14° 4	18°36	17°27	16°58	n.a.	W 6
T 7	18 54 9	11°26'43	12♒48	0♌25	7°26	24° 5	18°57	3°24	25°18	6° 8	14° 5	18°33	17°24	17° 5	n.a.	T 7
F 8	18 58 5	12°26'23	26°44	1°51	8°42	24°16	18°57	3°27	25°22	6°10	14° 7	18°30	17°21	17°12	n.a.	F 8
S 9	19 2 2	13°26'05	10♓47	3°17	9°57	24°28	18°R58	3°30	25°26	6°12	14° 8	18°27	17°18	17°19	n.a.	S 9
S 10	19 5 58	14°25'50	24°56	4°42	11°13	24°40	18°58	3°33	25°29	6°14	14° 9	18°24	17°14	17°25	n.a.	S 10
M11	19 9 55	15°25'37	9♈ 7	6° 6	12°28	24°53	18°57	3°36	25°33	6°15	14°11	18°D23	17°11	17°32	n.a.	M11
T 12	19 13 51	16°25'27	23°18	7°29	13°44	25° 7	18°57	3°39	25°36	6°17	14°12	18°23	17° 8	17°39	n.a.	T 12
W13	19 17 48	17°25'19	7♉27	8°51	14°59	25°22	18°56	3°42	25°40	6°19	14°14	18°24	17° 5	17°45	n.a.	W13
T 14	19 21 44	18°25'14	21°32	10°11	16°15	25°36	18°55	3°45	25°44	6°21	14°15	18°26	17° 2	17°52	n.a.	T 14
F 15	19 25 41	19°25'11	5♊31	11°31	17°30	25°52	18°54	3°48	25°47	6°22	14°17	18°27	16°58	17°59	n.a.	F 15
S 16	19 29 37	20°25'11	19°23	12°49	18°46	26° 8	18°53	3°52	25°51	6°24	14°18	18°R28	16°55	18° 6	n.a.	S 16
S 17	19 33 34	21°25'13	3♋ 5	14° 7	20° 1	26°25	18°52	3°55	25°54	6°26	14°20	18°27	16°52	18°12	n.a.	S 17
M18	19 37 30	22°25'18	16°36	15°23	21°17	26°42	18°50	3°59	25°58	6°28	14°22	18°24	16°49	18°19	n.a.	M18
T 19	19 41 27	23°25'25	29°52	16°37	22°33	27° 0	18°48	4° 3	26° 1	6°29	14°23	18°20	16°46	18°26	n.a.	T 19
W20	19 45 23	24°25'33	12♌53	17°50	23°48	27°18	18°46	4° 6	26° 5	6°31	14°25	18°14	16°43	18°32	n.a.	W20
T 21	19 49 20	25°25'44	25°37	19° 1	25° 4	27°37	18°44	4°10	26° 8	6°33	14°27	18° 7	16°39	18°39	n.a.	T 21
F 22	19 53 17	26°25'56	8♍ 6	20°10	26°19	27°57	18°42	4°14	26°12	6°34	14°28	18° 0	16°36	18°46	n.a.	F 22
S 23	19 57 13	27°26'11	20°21	21°17	27°35	28°17	18°39	4°18	26°15	6°36	14°30	17°54	16°33	18°52	n.a.	S 23
S 24	20 1 10	28°26'27	2♎23	22°21	28°51	28°37	18°36	4°22	26°18	6°37	14°32	17°49	16°30	18°59	n.a.	S 24
M25	20 5 6	29°26'45	14°18	23°24	0♌ 6	28°58	18°33	4°26	26°22	6°39	14°34	17°46	16°27	19° 6	n.a.	M25
T 26	20 9 3	0♌27'05	26° 8	24°23	1°22	29°19	18°30	4°31	26°25	6°40	14°35	17°D44	16°24	19°13	n.a.	T 26
W27	20 12 59	1°27'27	8♏ 0	25°19	2°38	29°41	18°26	4°35	26°28	6°42	14°37	17°44	16°20	19°19	n.a.	W27
T 28	20 16 56	2°27'50	19°59	26°12	3°53	0♐ 3	18°23	4°39	26°32	6°43	14°39	17°46	16°17	19°26	n.a.	T 28
F 29	20 20 52	3°28'15	2♐ 9	27° 1	5° 9	0°26	18°19	4°44	26°35	6°45	14°41	17°47	16°14	19°33	n.a.	F 29
S 30	20 24 49	4°28'42	14°35	27°45	6°25	0°49	18°15	4°48	26°38	6°46	14°43	17°R48	16°11	19°39	n.a.	S 30
S 31	20 28 45	5♌29'11	27♐21	28♌25	7♌40	1♐12	18♓11	4♎53	26♊41	6♊47	14♍45	17♐48	16♐ 8	19♎46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	24n 0	21s30	2s10	22n40	0n19	25n19	1n12	24s11	5s17	5s58	1s34	0n35	2n 3	24n34	0n33	21n55	0n 0	17n16	11n46	23s37	23s32	10s47		n.a.	F 1
S 2	23 57	23 7	1 5	22 18	0 13	25 20	1 14	24 11	5 14	5 57	1 34	0 34	2 3	24 34	0 33	21 55	0 0	17 15	11 46	23 37	23 31	10 49		n.a.	S 2
S 3	23 54	23 37	0n 4	21 55	0 6	25 20	1 15	24 10	5 12	5 57	1 34	0 33	2 3	24 34	0 33	21 55	0 0	17 14	11 46	23 37	23 31	10 51		n.a.	S 3
M 4	23 50	22 51	1 15	21 31	0s 1	25 19	1 16	24 10	5 9	5 57	1 34	0 32	2 3	24 34	0 33	21 56	0 0	17 13	11 45	23 37	23 31	10 53		n.a.	M 4
T 5	23 46	20 49	2 23	21 7	0 8	25 18	1 17	24 10	5 6	5 57	1 35	0 30	2 2	24 34	0 33	21 56	0 0	17 12	11 45	23 37	23 30	10 56		n.a.	T 5
W 6	23 41	17 36	3 24	20 42	0 16	25 15	1 18	24 10	5 4	5 56	1 35	0 29	2 2	24 35	0 33	21 56	0 0	17 11	11 44	23 37	23 30	10 58		n.a.	W 6
T 7	23 36	13 22	4 15	20 16	0 23	25 12	1 18	24 10	5 1	5 56	1 35	0 28	2 2	24 35	0 33	21 57	0 0	17 10	11 44	23 36	23 30	11 0		n.a.	T 7
F 8	23 31	8 24	4 52	19 49	0 30	25 8	1 19	24 10	4 58	5 56	1 35	0 27	2 2	24 35	0 33	21 57	0 0	17 9	11 43	23 36	23 30	11 2		n.a.	F 8
S 9	23 25	2 57	5 11	19 22	0 37	25 3	1 20	24 10	4 55	5 57	1 35	0 25	2 1	24 35	0 33	21 57	0 0	17 8	11 43	23 36	23 29	11 5		n.a.	S 9
S 10	23 18	2n41	5 12	18 54	0 45	24 58	1 21	24 11	4 52	5 57	1 36	0 24	2 1	24 35	0 33	21 58	0 0	17 7	11 43	23 35	23 29	11 7		n.a.	S 10
M11	23 11	8 11	4 54	18 26	0 52	24 52	1 21	24 12	4 50	5 57	1 36	0 22	2 1	24 35	0 33	21 58	0 0	17 7	11 42	23 35	23 29	11 9		n.a.	M11
T 12	23 4	13 16	4 18	17 58	1 0	24 44	1 22	24 13	4 47	5 57	1 36	0 21	2 1	24 36	0 33	21 58	0 0	17 6	11 42	23 35	23 28	11 11		n.a.	T 12
W13	22 56	17 37	3 26	17 29	1 7	24 36	1 22	24 13	4 44	5 58	1 36	0 19	2 0	24 36	0 33	21 59	0 1	17 5	11 41	23 35	23 28	11 14		n.a.	W13
T 14	22 48	20 56	2 22	17 0	1 14	24 28	1 23	24 14	4 41	5 58	1 36	0 18	2 0	24 36	0 33	21 59	0 1	17 4	11 41	23 36	23 28	11 16		n.a.	T 14
F 15	22 40	22 59	1 10	16 30	1 22	24 18	1 23	24 16	4 38	5 59	1 37	0 16	2 0	24 36	0 33	21 59	0 1	17 3	11 40	23 36	23 27	11 18		n.a.	F 15
S 16	22 31	23 35	0s 5	16 1	1 29	24 8	1 23	24 17	4 36	6 0	1 37	0 15	2 0	24 36	0 33	22 0	0 1	17 2	11 40	23 36	23 27	11 20		n.a.	S 16
S 17	22 21	22 46	1 19	15 32	1 36	23 57	1 24	24 18	4 33	6 0	1 37	0 13	1 59	24 36	0 33	22 0	0 1	17 1	11 40	23 36	23 27	11 23		n.a.	S 17
M18	22 11	20 37	2 27	15 2	1 43	23 45	1 24	24 20	4 30	6 1	1 37	0 11	1 59	24 36	0 33	22 0	0 1	17 0	11 39	23 35	23 26	11 25		n.a.	M18
T 19	22 1	17 23	3 27	14 33	1 50	23 33	1 24	24 22	4 27	6 2	1 37	0 10	1 59	24 37	0 33	22 1	0 1	16 59	11 39	23 35	23 26	11 27		n.a.	T 19
W20	21 50	13 23	4 13	14 4	1 57	23 20	1 24	24 23	4 24	6 3	1 38	0 8	1 59	24 37	0 33	22 1	0 1	16 58	11 39	23 35	23 26	11 29		n.a.	W20
T 21	21 39	8 51	4 47	13 35	2 4	23 6	1 24	24 25	4 22	6 4	1 38	0 6	1 59	24 37	0 33	22 1	0 1	16 57	11 38	23 34	23 25	11 31		n.a.	T 21
F 22	21 27	4 4	5 5	13 7	2 11	22 51	1 24	24 27	4 19	6 5	1 38	0 4	1 58	24 37	0 33	22 2	0 1	16 56	11 38	23 33	23 25	11 34		n.a.	F 22
S 23	21 15	0s48	5 10	12 39	2 17	22 36	1 24	24 29	4 16	6 7	1 38	0 2	1 58	24 37	0 33	22 2	0 1	16 54	11 37	23 33	23 25	11 36		n.a.	S 23
S 24	21 3	5 32	5 0	12 12	2 23	22 20	1 23	24 31	4 13	6 8	1 38	0 1	1 58	24 37	0 34	22 2	0 1	16 53	11 37	23 32	23 24	11 38		n.a.	S 24
M25	20 50	10 2	4 38	11 46	2 29	22 3	1 23	24 33	4 10	6 9	1 39	0s 1	1 58	24 37	0 34	22 2	0 1	16 52	11 37	23 32	23 24	11 40		n.a.	M25
T 26	20 37	14 8	4 3	11 21	2 35	21 46	1 23	24 36	4 8	6 11	1 39	0 3	1 57	24 37	0 34	22 3	0 1	16 51	11 36	23 32	23 24	11 42		n.a.	T 26
W27	20 24	17 41	3 19	10 57	2 40	21 28	1 22	24 38	4 5	6 12	1 39	0 5	1 57	24 37	0 34	22 3	0 1	16 50	11 36	23 32	23 23	11 45		n.a.	W27
T 28	20 10	20 33	2 25	10 34	2 44	21 9	1 22	24 40	4 2	6 14	1 39	0 7	1 57	24 38	0 34	22 3	0 1	16 49	11 36	23 32	23 23	11 47		n.a.	T 28
F 29	19 55	22 32	1 24	10 13	2 48	20 50	1 21	24 43	4 0	6 16	1 39	0 9	1 57	24 38	0 34	22 4	0 1	16 48	11 35	23 32	23 23	11 49		n.a.	F 29
S 30	19 41	23 29	0 17	9 54	2 52	20 30	1 21	24 45	3 57	6 17	1 39	0 11	1 57	24 38	0 34	22 4	0 1	16 47	11 35	23 32	23 22	11 51		n.a.	S 30
S 31	19n26	23s14	0n51	9n38	2s55	20n 9	1n20	24s48	3s54	6s19	1s40	0s13	1n56	24n38	0n34	22n 4	0n 1	16n46	11n35	23s32	23s22	11s53		n.a.	S 31

Julian Day Number = 198908.5, Delta T = 32h13m57s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'25, Lahiri = -61°13'25 Julian Calendar 1 Aug. 4169 BCE == Greg. Calendar 29 June 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

SEPTEMBER 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 32 42	6♌29'41	10♉29	28♌59	8♌56	1♐36	18°R 6	4♎58	26♊44	6♊49	14♍47	17°R45	16♐ 4	19♎53	n.a.	M 1
T 2	20 36 38	7°30'13	24° 1	29°27	10°12	2° 0	18♓ 2	5° 2	26°48	6°50	14°49	17♐41	16° 1	19°59	n.a.	T 2
W 3	20 40 35	8°30'47	7♒55	29°49	11°27	2°25	17°57	5° 7	26°51	6°51	14°51	17°34	15°58	20° 6	n.a.	W 3
T 4	20 44 32	9°31'23	22° 8	0♍ 4	12°43	2°50	17°52	5°12	26°54	6°53	14°53	17°26	15°55	20°13	n.a.	T 4
F 5	20 48 28	10°32'00	6♓33	0°R10	13°58	3°15	17°47	5°17	26°57	6°54	14°55	17°17	15°52	20°20	n.a.	F 5
S 6	20 52 25	11°32'39	21° 4	0° 9	15°14	3°41	17°42	5°22	27° 0	6°55	14°57	17° 8	15°49	20°26	n.a.	S 6
S 7	20 56 21	12°33'21	5♈36	29♌58	16°30	4° 7	17°37	5°27	27° 3	6°56	14°59	17° 1	15°45	20°33	n.a.	S 7
M 8	21 0 18	13°34'04	20° 2	29°37	17°45	4°33	17°31	5°32	27° 6	6°57	15° 1	16°57	15°42	20°40	n.a.	M 8
T 9	21 4 14	14°34'49	4♉18	29° 6	19° 1	5° 0	17°25	5°38	27° 8	6°58	15° 3	16°54	15°39	20°46	n.a.	T 9
W10	21 8 11	15°35'36	18°22	28°25	20°17	5°27	17°20	5°43	27°11	6°59	15° 5	16°D54	15°36	20°53	n.a.	W10
T 11	21 12 7	16°36'26	2♊13	27°35	21°32	5°54	17°14	5°48	27°14	7° 0	15° 7	16°54	15°33	21° 0	n.a.	T 11
F 12	21 16 4	17°37'17	15°53	26°35	22°48	6°22	17° 7	5°54	27°17	7° 1	15° 9	16°R55	15°30	21° 6	n.a.	F 12
S 13	21 20 0	18°38'10	29°21	25°27	24° 4	6°50	17° 1	5°59	27°20	7° 2	15°11	16°54	15°26	21°13	n.a.	S 13
S 14	21 23 57	19°39'05	12♋38	24°12	25°19	7°18	16°55	6° 5	27°22	7° 3	15°14	16°51	15°23	21°20	n.a.	S 14
M15	21 27 54	20°40'01	25°44	22°53	26°35	7°46	16°48	6°10	27°25	7° 4	15°16	16°46	15°20	21°27	n.a.	M15
T 16	21 31 50	21°40'59	8♌39	21°32	27°51	8°15	16°41	6°16	27°27	7° 5	15°18	16°37	15°17	21°33	n.a.	T 16
W17	21 35 47	22°41'59	21°23	20°11	29° 6	8°44	16°34	6°22	27°30	7° 6	15°20	16°26	15°14	21°40	n.a.	W17
T 18	21 39 43	23°43'00	3♍55	18°54	0♍22	9°13	16°28	6°27	27°33	7° 7	15°22	16°13	15°10	21°47	n.a.	T 18
F 19	21 43 40	24°44'02	16°15	17°42	1°37	9°43	16°20	6°33	27°35	7° 8	15°25	16° 0	15° 7	21°53	n.a.	F 19
S 20	21 47 36	25°45'05	28°25	16°39	2°53	10°13	16°13	6°39	27°38	7° 8	15°27	15°47	15° 4	22° 0	n.a.	S 20
S 21	21 51 33	26°46'10	10♎24	15°45	4° 9	10°42	16° 6	6°45	27°40	7° 9	15°29	15°37	15° 1	22° 7	n.a.	S 21
M22	21 55 29	27°47'15	22°16	15° 2	5°24	11°13	15°59	6°51	27°42	7°10	15°31	15°28	14°58	22°13	n.a.	M22
T 23	21 59 26	28°48'22	4♏ 5	14°31	6°40	11°43	15°51	6°57	27°45	7°10	15°34	15°23	14°55	22°20	n.a.	T 23
W24	22 3 22	29°49'30	15°54	14°11	7°55	12°14	15°43	7° 3	27°47	7°11	15°36	15°20	14°51	22°27	n.a.	W24
T 25	22 7 19	0♍50'39	27°49	14°D 3	9°11	12°45	15°36	7° 9	27°49	7°12	15°38	15°D19	14°48	22°34	n.a.	T 25
F 26	22 11 16	1°51'48	9♐56	14° 6	10°26	13°16	15°28	7°15	27°51	7°12	15°41	15°R19	14°45	22°40	n.a.	F 26
S 27	22 15 12	2°52'58	22°18	14°19	11°42	13°47	15°20	7°22	27°53	7°13	15°43	15°19	14°42	22°47	n.a.	S 27
S 28	22 19 9	3°54'10	5♉ 3	14°41	12°57	14°19	15°12	7°28	27°55	7°13	15°45	15°18	14°39	22°54	n.a.	S 28
M29	22 23 5	4°55'21	18°13	15°12	14°13	14°50	15° 4	7°34	27°57	7°14	15°47	15°14	14°35	23° 0	n.a.	M29
T 30	22 27 2	5♍56'34	1♒52	15♌51	15♍28	15♐22	14♓57	7♎40	27♊59	7♊14	15♍50	15♐ 8	14♐32	23♎ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n10	21s42	1n59	9n24	2s57	19n48	1n19	24s50	3s51	6s21	1s40	0s15	1n56	24n38	0n34	22n 4	0n 1	16n45	11n34	23s32	23s22	11s56		n.a.
T 2	18 55	18 55	3 2	9 12	2 59	19 27	1 19	24 53	3 49	6 23	1 40	0 18	1 56	24 38	0 34	22 5	0 1	16 44	11 34	23 31	23 21	11 58		n.a.
W 3	18 38	15 0	3 56	9 4	2 59	19 5	1 18	24 55	3 46	6 25	1 40	0 20	1 56	24 38	0 34	22 5	0 1	16 43	11 34	23 31	23 21	12 0		n.a.
T 4	18 22	10 10	4 37	9 0	2 58	18 42	1 17	24 58	3 44	6 27	1 40	0 22	1 56	24 38	0 34	22 5	0 1	16 42	11 33	23 30	23 21	12 2		n.a.
F 5	18 5	4 43	5 0	8 59	2 56	18 18	1 16	25 0	3 41	6 29	1 40	0 24	1 55	24 38	0 34	22 5	0 1	16 41	11 33	23 29	23 20	12 4		n.a.
S 6	17 48	1n 1	5 5	9 3	2 53	17 55	1 15	25 3	3 38	6 31	1 40	0 26	1 55	24 39	0 34	22 5	0 1	16 40	11 33	23 28	23 20	12 6		n.a.
S 7	17 31	6 42	4 50	9 11	2 48	17 30	1 14	25 6	3 36	6 34	1 40	0 29	1 55	24 39	0 34	22 6	0 1	16 38	11 33	23 28	23 20	12 9		n.a.
M 8	17 13	11 59	4 17	9 25	2 42	17 6	1 13	25 8	3 33	6 36	1 41	0 31	1 55	24 39	0 34	22 6	0 1	16 37	11 32	23 27	23 19	12 11		n.a.
T 9	16 55	16 33	3 28	9 43	2 33	16 40	1 12	25 11	3 31	6 38	1 41	0 33	1 55	24 39	0 34	22 6	0 1	16 36	11 32	23 27	23 19	12 13		n.a.
W10	16 37	20 7	2 27	10 7	2 23	16 15	1 10	25 14	3 28	6 41	1 41	0 35	1 54	24 39	0 34	22 6	0 1	16 35	11 32	23 27	23 19	12 15		n.a.
T 11	16 18	22 28	1 18	10 36	2 11	15 48	1 9	25 16	3 26	6 43	1 41	0 38	1 54	24 39	0 34	22 6	0 1	16 34	11 31	23 27	23 18	12 17		n.a.
F 12	15 59	23 26	0 6	11 10	1 57	15 22	1 8	25 19	3 23	6 46	1 41	0 40	1 54	24 39	0 34	22 7	0 1	16 33	11 31	23 27	23 18	12 19		n.a.
S 13	15 40	23 1	1s 6	11 49	1 41	14 55	1 6	25 22	3 21	6 49	1 41	0 43	1 54	24 39	0 34	22 7	0 1	16 32	11 31	23 27	23 18	12 21		n.a.
S 14	15 20	21 18	2 13	12 31	1 24	14 27	1 5	25 24	3 19	6 51	1 41	0 45	1 54	24 39	0 34	22 7	0 1	16 31	11 31	23 27	23 17	12 23		n.a.
M15	15 0	18 28	3 11	13 15	1 5	14 0	1 3	25 27	3 16	6 54	1 41	0 47	1 53	24 39	0 34	22 7	0 1	16 30	11 30	23 26	23 17	12 26		n.a.
T 16	14 40	14 46	3 59	14 1	0 45	13 31	1 2	25 29	3 14	6 57	1 41	0 50	1 53	24 40	0 34	22 7	0 1	16 29	11 30	23 25	23 16	12 28		n.a.
W17	14 20	10 28	4 34	14 47	0 25	13 3	1 0	25 32	3 11	6 59	1 41	0 52	1 53	24 40	0 34	22 7	0 1	16 27	11 30	23 24	23 16	12 30		n.a.
T 18	13 59	5 47	4 55	15 31	0 4	12 34	0 59	25 34	3 9	7 2	1 41	0 55	1 53	24 40	0 34	22 8	0 1	16 26	11 30	23 23	23 16	12 32		n.a.
F 19	13 39	0 57	5 2	16 12	0n16	12 5	0 57	25 36	3 7	7 5	1 41	0 57	1 53	24 40	0 34	22 8	0 1	16 25	11 29	23 21	23 15	12 34		n.a.
S 20	13 17	3s50	4 55	16 50	0 35	11 35	0 55	25 39	3 4	7 8	1 41	1 0	1 53	24 40	0 34	22 8	0 1	16 24	11 29	23 20	23 15	12 36		n.a.
S 21	12 56	8 25	4 34	17 24	0 53	11 5	0 53	25 41	3 2	7 11	1 41	1 2	1 52	24 40	0 34	22 8	0 1	16 23	11 29	23 19	23 15	12 38		n.a.
M22	12 35	12 38	4 2	17 53	1 9	10 35	0 52	25 43	3 0	7 14	1 41	1 5	1 52	24 40	0 34	22 8	0 1	16 22	11 29	23 18	23 14	12 40		n.a.
T 23	12 13	16 22	3 20	18 17	1 24	10 5	0 50	25 45	2 58	7 17	1 41	1 8	1 52	24 40	0 34	22 8	0 1	16 21	11 29	23 17	23 14	12 42		n.a.
W24	11 51	19 26	2 29	18 35	1 37	9 34	0 48	25 48	2 55	7 20	1 41	1 10	1 52	24 40	0 34	22 8	0 1	16 20	11 28	23 17	23 14	12 45		n.a.
T 25	11 29	21 43	1 31	18 48	1 49	9 3	0 46	25 50	2 53	7 23	1 41	1 13	1 52	24 40	0 35	22 9	0 1	16 19	11 28	23 17	23 13	12 47		n.a.
F 26	11 6	23 2	0 29	18 57	1 58	8 32	0 44	25 52	2 51	7 26	1 41	1 15	1 52	24 40	0 35	22 9	0 1	16 18	11 28	23 17	23 13	12 49		n.a.
S 27	10 44	23 16	0n37	19 0	2 6	8 1	0 42	25 53	2 49	7 29	1 41	1 18	1 52	24 40	0 35	22 9	0 1	16 16	11 28	23 17	23 12	12 51		n.a.
S 28	10 21	22 18	1 43	19 0	2 13	7 29	0 40	25 55	2 47	7 32	1 41	1 21	1 51	24 40	0 35	22 9	0 1	16 15	11 28	23 17	23 12	12 53		n.a.
M29	9 58	20 7	2 45	18 55	2 17	6 57	0 38	25 57	2 45	7 35	1 41	1 23	1 51	24 41	0 35	22 9	0 1	16 14	11 28	23 16	23 12	12 55		n.a.
T 30	9n35	16s44	3n40	18n46	2n21	6n26	0n36	25s59	2s42	7s39	1s41	1s26	1n51	24n41	0n35	22n 9	0n 1	16n13	11n27	23s15	23s11	12s57		n.a.

Julian Day Number = 198939.5, Delta T = 32h13m54s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'21, Lahiri = -61°13'21 Julian Calendar 1 Sept. 4169 BCE == Greg. Calendar 30 July 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

OCTOBER 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 30 58	6♍57'47	15♒59	16♌36	16♍44	15♐54	14°R48	7♎47	28♊ 1	7♊14	15♍52	14°R58	14♐29	23♎14	n.a.	W 1
T 2	22 34 55	7°59'01	0♓30	17°28	17°59	16°26	14♓40	7°53	28° 3	7°15	15°54	14♐47	14°26	23°20	n.a.	T 2
F 3	22 38 51	9° 0'16	15°20	18°25	19°15	16°59	14°32	8° 0	28° 5	7°15	15°57	14°35	14°23	23°27	n.a.	F 3
S 4	22 42 48	10° 1'32	0♈19	19°26	20°30	17°31	14°24	8° 6	28° 7	7°15	15°59	14°23	14°20	23°34	n.a.	S 4
S 5	22 46 45	11° 2'48	15°17	20°32	21°46	18° 4	14°16	8°13	28° 9	7°16	16° 2	14°13	14°16	23°40	n.a.	S 5
M 6	22 50 41	12° 4'06	0♉ 7	21°41	23° 1	18°37	14° 8	8°19	28°10	7°16	16° 4	14° 6	14°13	23°47	n.a.	M 6
T 7	22 54 38	13° 5'24	14°40	22°53	24°16	19°10	14° 0	8°26	28°12	7°16	16° 6	14° 2	14°10	23°54	n.a.	T 7
W 8	22 58 34	14° 6'44	28°54	24° 8	25°32	19°43	13°51	8°32	28°13	7°16	16° 9	14° 0	14° 7	24° 1	n.a.	W 8
T 9	23 2 31	15° 8'04	12♊48	25°25	26°47	20°16	13°43	8°39	28°15	7°16	16°11	13°59	14° 4	24° 7	n.a.	T 9
F 10	23 6 27	16° 9'26	26°21	26°44	28° 2	20°50	13°35	8°46	28°16	7°16	16°13	13°59	14° 1	24°14	n.a.	F 10
S 11	23 10 24	17°10'48	9♋37	28° 4	29°18	21°23	13°27	8°53	28°18	7°R16	16°16	13°58	13°57	24°21	n.a.	S 11
S 12	23 14 21	18°12'11	22°37	29°26	0♎33	21°57	13°19	8°59	28°19	7°16	16°18	13°54	13°54	24°27	n.a.	S 12
M13	23 18 17	19°13'34	5♌24	0♍50	1°48	22°31	13°11	9° 6	28°21	7°16	16°20	13°48	13°51	24°34	n.a.	M13
T 14	23 22 14	20°14'58	18° 0	2°14	3° 4	23° 5	13° 3	9°13	28°22	7°16	16°23	13°38	13°48	24°41	n.a.	T 14
W15	23 26 10	21°16'23	0♍26	3°40	4°19	23°39	12°55	9°20	28°23	7°16	16°25	13°26	13°45	24°47	n.a.	W15
T 16	23 30 7	22°17'48	12°43	5° 6	5°34	24°13	12°47	9°27	28°24	7°16	16°27	13°11	13°41	24°54	n.a.	T 16
F 17	23 34 3	23°19'13	24°52	6°33	6°50	24°48	12°39	9°33	28°25	7°16	16°30	12°56	13°38	25° 1	n.a.	F 17
S 18	23 38 0	24°20'38	6♎53	8° 1	8° 5	25°22	12°31	9°40	28°26	7°16	16°32	12°42	13°35	25° 7	n.a.	S 18
S 19	23 41 57	25°22'04	18°48	9°29	9°20	25°57	12°23	9°47	28°27	7°15	16°34	12°30	13°32	25°14	n.a.	S 19
M20	23 45 53	26°23'30	0♏38	10°58	10°35	26°32	12°15	9°54	28°28	7°15	16°37	12°20	13°29	25°21	n.a.	M20
T 21	23 49 50	27°24'55	12°26	12°27	11°50	27° 6	12° 7	10° 1	28°29	7°15	16°39	12°13	13°26	25°28	n.a.	T 21
W22	23 53 46	28°26'21	24°14	13°57	13° 6	27°41	12° 0	10° 8	28°30	7°14	16°41	12° 9	13°22	25°34	n.a.	W22
T 23	23 57 43	29°27'46	6♐ 7	15°27	14°21	28°16	11°52	10°15	28°31	7°14	16°44	12° 7	13°19	25°41	n.a.	T 23
F 24	0 1 39	0♎29'11	18°11	16°57	15°36	28°51	11°45	10°22	28°31	7°14	16°46	12°D 7	13°16	25°48	n.a.	F 24
S 25	0 5 36	1°30'36	0♑29	18°28	16°51	29°27	11°38	10°29	28°32	7°13	16°48	12°R 8	13°13	25°54	n.a.	S 25
S 26	0 9 33	2°32'00	13° 7	19°59	18° 6	0♑ 2	11°30	10°36	28°32	7°13	16°51	12° 7	13°10	26° 1	n.a.	S 26
M27	0 13 29	3°33'24	26°11	21°31	19°21	0°37	11°23	10°43	28°33	7°12	16°53	12° 5	13° 6	26° 8	n.a.	M27
T 28	0 17 26	4°34'47	9♒44	23° 3	20°36	1°13	11°16	10°50	28°33	7°12	16°55	12° 0	13° 3	26°14	n.a.	T 28
W29	0 21 22	5°36'10	23°48	24°35	21°51	1°48	11°10	10°57	28°34	7°11	16°57	11°53	13° 0	26°21	n.a.	W29
T 30	0 25 19	6°37'32	8♓21	26° 7	23° 6	2°24	11° 3	11° 4	28°34	7°10	17° 0	11°44	12°57	26°28	n.a.	T 30
F 31	0 29 15	7♎38'54	23♓18	27♍40	24♎21	3♑ 0	10♓56	11♎11	28♊35	7♊10	17♍ 2	11♐33	12♐54	26♎34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	9n12	12s19	4n23	18n35	2n24	5n53	0n33	26s 0	2s40	7s42	1s41	1s29	1n51	24n41	0n35	22n 9	0n 1	16n12	11n27	23s14	23s11	12s59			n.a.
T 2	8 49	7 5	4 51	18 20	2 25	5 21	0 31	26 1	2 38	7 45	1 41	1 32	1 51	24 41	0 35	22 9	0 1	16 11	11 27	23 13	23 11	13 1			n.a.
F 3	8 25	1 21	5 0	18 2	2 25	4 49	0 29	26 3	2 36	7 48	1 41	1 34	1 51	24 41	0 35	22 9	0 1	16 10	11 27	23 12	23 10	13 3			n.a.
S 4	8 1	4n31	4 49	17 41	2 25	4 16	0 27	26 4	2 34	7 51	1 41	1 37	1 51	24 41	0 35	22 9	0 1	16 9	11 27	23 10	23 10	13 5			n.a.
S 5	7 37	10 7	4 18	17 19	2 23	3 44	0 25	26 5	2 32	7 54	1 41	1 40	1 50	24 41	0 35	22 9	0 1	16 8	11 27	23 9	23 9	13 7			n.a.
M 6	7 14	15 5	3 29	16 54	2 21	3 11	0 22	26 6	2 30	7 57	1 41	1 43	1 50	24 41	0 35	22 9	0 1	16 7	11 27	23 8	23 9	13 9			n.a.
T 7	6 49	19 3	2 28	16 27	2 19	2 38	0 20	26 7	2 28	8 1	1 41	1 45	1 50	24 41	0 35	22 9	0 1	16 6	11 27	23 8	23 9	13 11			n.a.
W 8	6 25	21 45	1 19	15 58	2 16	2 6	0 18	26 8	2 26	8 4	1 41	1 48	1 50	24 41	0 35	22 10	0 1	16 5	11 27	23 7	23 8	13 13			n.a.
T 9	6 1	23 5	0 6	15 28	2 12	1 33	0 15	26 9	2 24	8 7	1 41	1 51	1 50	24 41	0 35	22 10	0 1	16 4	11 26	23 7	23 8	13 15			n.a.
F 10	5 37	22 59	1s 5	14 57	2 8	1 0	0 13	26 9	2 22	8 10	1 40	1 54	1 50	24 41	0 35	22 10	0 1	16 3	11 26	23 7	23 8	13 17			n.a.
S 11	5 12	21 35	2 11	14 24	2 3	0 27	0 11	26 10	2 20	8 13	1 40	1 57	1 50	24 41	0 35	22 10	0 1	16 2	11 26	23 7	23 7	13 19			n.a.
S 12	4 47	19 3	3 9	13 50	1 58	0s 6	0 8	26 10	2 19	8 16	1 40	1 59	1 50	24 41	0 35	22 10	0 1	16 1	11 26	23 7	23 7	13 22			n.a.
M13	4 23	15 39	3 56	13 15	1 53	0 39	0 6	26 10	2 17	8 19	1 40	2 2	1 49	24 41	0 35	22 10	0 1	16 0	11 26	23 6	23 6	13 24			n.a.
T 14	3 58	11 35	4 31	12 39	1 48	1 12	0 3	26 10	2 15	8 22	1 40	2 5	1 49	24 41	0 35	22 10	0 1	15 59	11 26	23 5	23 6	13 26			n.a.
W15	3 33	7 5	4 52	12 1	1 42	1 45	0 1	26 10	2 13	8 25	1 40	2 8	1 49	24 42	0 35	22 10	0 1	15 58	11 26	23 3	23 6	13 28			n.a.
T 16	3 8	2 22	5 0	11 24	1 36	2 18	0s 1	26 10	2 11	8 28	1 40	2 11	1 49	24 42	0 35	22 10	0 1	15 57	11 26	23 1	23 5	13 30			n.a.
F 17	2 43	2s22	4 53	10 45	1 30	2 51	0 4	26 10	2 9	8 31	1 39	2 14	1 49	24 42	0 35	22 10	0 1	15 56	11 26	22 59	23 5	13 32			n.a.
S 18	2 18	6 59	4 34	10 6	1 24	3 23	0 6	26 9	2 8	8 34	1 39	2 16	1 49	24 42	0 35	22 10	0 1	15 55	11 26	22 58	23 4	13 34			n.a.
S 19	1 53	11 17	4 3	9 26	1 18	3 56	0 9	26 9	2 6	8 37	1 39	2 19	1 49	24 42	0 35	22 10	0 2	15 54	11 26	22 56	23 4	13 36			n.a.
M20	1 28	15 8	3 21	8 45	1 12	4 29	0 11	26 8	2 4	8 40	1 39	2 22	1 49	24 42	0 36	22 10	0 2	15 53	11 26	22 55	23 4	13 38			n.a.
T 21	1 3	18 23	2 31	8 4	1 5	5 1	0 14	26 7	2 2	8 43	1 39	2 25	1 49	24 42	0 36	22 9	0 2	15 52	11 26	22 54	23 3	13 40			n.a.
W22	0 38	20 52	1 34	7 23	0 59	5 33	0 16	26 6	2 0	8 46	1 38	2 28	1 49	24 42	0 36	22 9	0 2	15 51	11 26	22 53	23 3	13 42			n.a.
T 23	0 13	22 28	0 32	6 41	0 52	6 6	0 18	26 5	1 59	8 48	1 38	2 31	1 49	24 42	0 36	22 9	0 2	15 50	11 26	22 53	23 2	13 43			n.a.
F 24	0s12	23 2	0n32	5 59	0 45	6 38	0 21	26 4	1 57	8 51	1 38	2 34	1 48	24 42	0 36	22 9	0 2	15 49	11 26	22 53	23 2	13 45			n.a.
S 25	0 37	22 31	1 36	5 16	0 39	7 9	0 23	26 2	1 55	8 54	1 38	2 37	1 48	24 42	0 36	22 9	0 2	15 48	11 26	22 53	23 2	13 47			n.a.
S 26	1 2	20 50	2 37	4 34	0 32	7 41	0 26	26 1	1 54	8 56	1 37	2 40	1 48	24 42	0 36	22 9	0 2	15 47	11 26	22 53	23 1	13 49			n.a.
M27	1 27	18 2	3 32	3 50	0 25	8 13	0 28	25 59	1 52	8 59	1 37	2 42	1 48	24 42	0 36	22 9	0 2	15 46	11 26	22 53	23 1	13 51			n.a.
T 28	1 52	14 11	4 17	3 7	0 19	8 44	0 30	25 57	1 50	9 1	1 37	2 45	1 48	24 42	0 36	22 9	0 2	15 45	11 26	22 52	23 0	13 53			n.a.
W29	2 17	9 26	4 49	2 24	0 12	9 15	0 33	25 55	1 49	9 4	1 37	2 48	1 48	24 42	0 36	22 9	0 2	15 44	11 26	22 51	23 0	13 55			n.a.
T 30	2 42	4 0	5 3	1 40	0 5	9 46	0 35	25 53	1 47	9 6	1 36	2 51	1 48	24 42	0 36	22 9	0 2	15 44	11 26	22 50	22 59	13 57			n.a.
F 31	3s 7	1n48	4n57	0n56	0s 1	10s17	0s37	25s50	1s46	9s 9	1s36	2s54	1n48	24n42	0n36	22n 9	0n 2	15n43	11n26	22s48	22s59	13s59			n.a.

Julian Day Number = 198969.5, Delta T = 32h13m51s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'17, Lahiri = -61°13'17 Julian Calendar 1 Oct. 4169 BCE == Greg. Calendar 29 Aug. 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

NOVEMBER 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 33 12	8♎40'15	8♈30	29♍13	25♎36	3♑36	10°R50	11♎18	28♊35	7°R 9	17♍ 4	11°R23	12♐51	26♎41	n.a.	S 1
S 2	0 37 9	9°41'36	23°47	0♎46	26°51	4°11	10♓43	11°26	28°35	7♊ 8	17° 6	11♐15	12°47	26°48	n.a.	S 2
M 3	0 41 5	10°42'56	8♉58	2°20	28° 6	4°47	10°37	11°33	28°35	7° 8	17° 9	11° 8	12°44	26°54	n.a.	M 3
T 4	0 45 2	11°44'16	23°53	3°54	29°21	5°23	10°31	11°40	28°35	7° 7	17°11	11° 5	12°41	27° 1	n.a.	T 4
W 5	0 48 58	12°45'36	8♊26	5°29	0♏36	5°59	10°25	11°47	28°R35	7° 6	17°13	11°D 3	12°38	27° 8	n.a.	W 5
T 6	0 52 55	13°46'56	22°33	7° 4	1°51	6°35	10°20	11°54	28°35	7° 5	17°15	11° 4	12°35	27°15	n.a.	T 6
F 7	0 56 51	14°48'15	6♋14	8°39	3° 6	7°12	10°14	12° 1	28°35	7° 4	17°17	11° 5	12°32	27°21	n.a.	F 7
S 8	1 0 48	15°49'34	19°31	10°15	4°20	7°48	10° 9	12° 8	28°35	7° 4	17°19	11°R 5	12°28	27°28	n.a.	S 8
S 9	1 4 45	16°50'53	2♌27	11°51	5°35	8°24	10° 3	12°15	28°35	7° 3	17°22	11° 3	12°25	27°35	n.a.	S 9
M10	1 8 41	17°52'10	15° 6	13°28	6°50	9° 1	9°58	12°22	28°34	7° 2	17°24	11° 0	12°22	27°41	n.a.	M10
T 11	1 12 38	18°53'28	27°30	15° 5	8° 5	9°37	9°53	12°29	28°34	7° 1	17°26	10°54	12°19	27°48	n.a.	T 11
W12	1 16 34	19°54'44	9♍44	16°42	9°20	10°14	9°49	12°36	28°34	7° 0	17°28	10°46	12°16	27°55	n.a.	W12
T 13	1 20 31	20°56'00	21°49	18°20	10°34	10°50	9°44	12°43	28°33	6°59	17°30	10°36	12°12	28° 1	n.a.	T 13
F 14	1 24 27	21°57'15	3♎48	19°59	11°49	11°27	9°40	12°50	28°33	6°58	17°32	10°26	12° 9	28° 8	n.a.	F 14
S 15	1 28 24	22°58'30	15°42	21°38	13° 4	12° 3	9°36	12°57	28°32	6°57	17°34	10°16	12° 6	28°15	n.a.	S 15
S 16	1 32 21	23°59'43	27°32	23°17	14°18	12°40	9°32	13° 4	28°32	6°55	17°36	10° 8	12° 3	28°21	n.a.	S 16
M17	1 36 17	25° 0'55	9♏21	24°58	15°33	13°17	9°28	13°11	28°31	6°54	17°38	10° 1	12° 0	28°28	n.a.	M17
T 18	1 40 14	26° 2'07	21°10	26°38	16°48	13°54	9°24	13°18	28°30	6°53	17°40	9°57	11°57	28°35	n.a.	T 18
W19	1 44 10	27° 3'17	3♐ 2	28°20	18° 2	14°31	9°21	13°25	28°30	6°52	17°42	9°55	11°53	28°41	n.a.	W19
T 20	1 48 7	28° 4'25	14°59	0♏ 1	19°17	15° 7	9°17	13°32	28°29	6°51	17°44	9°D54	11°50	28°48	n.a.	T 20
F 21	1 52 4	29° 5'33	27° 5	1°44	20°31	15°44	9°14	13°39	28°28	6°50	17°46	9°56	11°47	28°55	n.a.	F 21
S 22	1 56 0	0♏ 6'39	9♑24	3°27	21°46	16°21	9°12	13°46	28°27	6°48	17°47	9°57	11°44	29° 1	n.a.	S 22
S 23	1 59 57	1° 7'43	22° 0	5°10	23° 0	16°58	9° 9	13°53	28°26	6°47	17°49	9°59	11°41	29° 8	n.a.	S 23
M24	2 3 53	2° 8'46	4♒58	6°54	24°15	17°35	9° 7	14° 0	28°25	6°46	17°51	9°R59	11°38	29°15	n.a.	M24
T 25	2 7 50	3° 9'47	18°22	8°39	25°29	18°13	9° 4	14° 7	28°24	6°44	17°53	9°58	11°34	29°22	n.a.	T 25
W26	2 11 46	4°10'47	2♓14	10°24	26°44	18°50	9° 2	14°13	28°23	6°43	17°55	9°55	11°31	29°28	n.a.	W26
T 27	2 15 43	5°11'44	16°34	12° 9	27°58	19°27	9° 0	14°20	28°22	6°42	17°57	9°51	11°28	29°35	n.a.	T 27
F 28	2 19 40	6°12'40	1♈20	13°55	29°13	20° 4	8°59	14°27	28°20	6°40	17°58	9°46	11°25	29°42	n.a.	F 28
S 29	2 23 36	7°13'35	16°25	15°41	0♐27	20°41	8°57	14°34	28°19	6°39	18° 0	9°41	11°22	29°48	n.a.	S 29
S 30	2 27 33	8♏14'27	1♉41	17♏27	1♐41	21♑18	8♓56	14♎40	28♊18	6♊38	18♍ 2	9♐36	11♐18	29♎55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	3 s32	7n35	4n30	0n12	0 s 8	10 s47	0 s40	25 s48	1 s44	9 s11	1 s36	2 s57	1n48	24n42	0n36	22n 9	0n 2	15n42	11n26	22 s47	22 s59	14 s 1		n.a.	
S 2	3 57	12 57	3 44	0 s32	0 14	11 17	0 42	25 45	1 42	9 13	1 36	3 0	1 48	24 42	0 36	22 9	0 2	15 41	11 26	22 46	22 58	14 3		n.a.	
M 3	4 21	17 27	2 43	1 16	0 21	11 47	0 44	25 42	1 41	9 15	1 35	3 3	1 48	24 42	0 36	22 8	0 2	15 40	11 26	22 45	22 58	14 5		n.a.	
T 4	4 46	20 44	1 31	2 0	0 27	12 16	0 47	25 39	1 39	9 17	1 35	3 6	1 48	24 43	0 36	22 8	0 2	15 39	11 26	22 44	22 57	14 7		n.a.	
W 5	5 11	22 34	0 14	2 44	0 33	12 46	0 49	25 36	1 38	9 19	1 35	3 8	1 48	24 43	0 36	22 8	0 2	15 38	11 26	22 44	22 57	14 9		n.a.	
T 6	5 35	22 53	1 s 1	3 29	0 39	13 15	0 51	25 33	1 36	9 21	1 34	3 11	1 48	24 43	0 36	22 8	0 2	15 38	11 26	22 44	22 57	14 11		n.a.	
F 7	5 59	21 47	2 11	4 13	0 45	13 43	0 53	25 29	1 35	9 23	1 34	3 14	1 48	24 43	0 36	22 8	0 2	15 37	11 26	22 44	22 56	14 13		n.a.	
S 8	6 24	19 30	3 11	4 57	0 51	14 11	0 55	25 26	1 33	9 25	1 34	3 17	1 48	24 43	0 36	22 8	0 2	15 36	11 27	22 44	22 56	14 15		n.a.	
S 9	6 48	16 16	4 0	5 41	0 57	14 39	0 57	25 22	1 32	9 27	1 33	3 20	1 47	24 43	0 36	22 8	0 2	15 35	11 27	22 44	22 55	14 17		n.a.	
M10	7 12	12 22	4 36	6 24	1 2	15 7	0 59	25 18	1 30	9 28	1 33	3 23	1 47	24 43	0 36	22 8	0 2	15 35	11 27	22 43	22 55	14 18		n.a.	
T 11	7 36	8 1	4 58	7 8	1 7	15 34	1 1	25 14	1 29	9 30	1 33	3 26	1 47	24 43	0 36	22 7	0 2	15 34	11 27	22 43	22 54	14 20		n.a.	
W12	8 0	3 25	5 6	7 51	1 13	16 0	1 3	25 10	1 27	9 32	1 33	3 28	1 47	24 43	0 36	22 7	0 2	15 33	11 27	22 41	22 54	14 22		n.a.	
T 13	8 24	1 s15	5 1	8 34	1 18	16 26	1 5	25 5	1 26	9 33	1 32	3 31	1 47	24 43	0 37	22 7	0 2	15 32	11 27	22 40	22 54	14 24		n.a.	
F 14	8 47	5 50	4 42	9 17	1 22	16 52	1 7	25 1	1 25	9 34	1 32	3 34	1 47	24 43	0 37	22 7	0 2	15 32	11 27	22 38	22 53	14 26		n.a.	
S 15	9 11	10 11	4 11	10 0	1 27	17 17	1 9	24 56	1 23	9 36	1 32	3 37	1 47	24 43	0 37	22 7	0 2	15 31	11 27	22 37	22 53	14 28		n.a.	
S 16	9 34	14 7	3 29	10 42	1 31	17 42	1 11	24 51	1 22	9 37	1 31	3 40	1 47	24 43	0 37	22 7	0 2	15 30	11 27	22 36	22 52	14 30		n.a.	
M17	9 57	17 30	2 38	11 24	1 35	18 7	1 13	24 46	1 20	9 38	1 31	3 43	1 47	24 43	0 37	22 6	0 2	15 30	11 28	22 35	22 52	14 32		n.a.	
T 18	10 20	20 10	1 40	12 5	1 39	18 31	1 14	24 41	1 19	9 39	1 30	3 45	1 47	24 43	0 37	22 6	0 2	15 29	11 28	22 34	22 51	14 34		n.a.	
W19	10 42	21 58	0 37	12 46	1 42	18 54	1 16	24 35	1 18	9 40	1 30	3 48	1 47	24 43	0 37	22 6	0 2	15 28	11 28	22 34	22 51	14 35		n.a.	
T 20	11 5	22 47	0n28	13 26	1 46	19 17	1 18	24 30	1 16	9 41	1 30	3 51	1 47	24 43	0 37	22 6	0 2	15 28	11 28	22 34	22 51	14 37		n.a.	
F 21	11 27	22 33	1 32	14 6	1 48	19 39	1 19	24 24	1 15	9 42	1 29	3 54	1 47	24 43	0 37	22 6	0 2	15 27	11 28	22 34	22 50	14 39		n.a.	
S 22	11 50	21 13	2 34	14 45	1 51	20 1	1 21	24 18	1 14	9 43	1 29	3 56	1 47	24 43	0 37	22 5	0 2	15 26	11 28	22 34	22 50	14 41		n.a.	
S 23	12 11	18 49	3 29	15 23	1 53	20 22	1 22	24 12	1 12	9 43	1 29	3 59	1 47	24 43	0 37	22 5	0 2	15 26	11 29	22 34	22 49	14 43		n.a.	
M24	12 33	15 25	4 16	16 0	1 55	20 43	1 24	24 6	1 11	9 44	1 28	4 2	1 47	24 43	0 37	22 5	0 2	15 25	11 29	22 34	22 49	14 45		n.a.	
T 25	12 55	11 9	4 50	16 36	1 56	21 3	1 25	23 59	1 10	9 45	1 28	4 5	1 47	24 43	0 37	22 5	0 2	15 25	11 29	22 34	22 48	14 47		n.a.	
W26	13 16	6 11	5 9	17 12	1 57	21 22	1 26	23 53	1 9	9 45	1 28	4 7	1 47	24 43	0 37	22 5	0 2	15 24	11 29	22 34	22 48	14 48		n.a.	
T 27	13 37	0 43	5 10	17 46	1 57	21 41	1 28	23 46	1 7	9 45	1 27	4 10	1 47	24 43	0 37	22 4	0 2	15 24	11 29	22 33	22 47	14 50		n.a.	
F 28	13 58	4n57	4 50	18 19	1 57	21 59	1 29	23 39	1 6	9 46	1 27	4 13	1 47	24 43	0 37	22 4	0 2	15 23	11 30	22 32	22 47	14 52		n.a.	
S 29	14 18	10 28	4 11	18 50	1 56	22 17	1 30	23 32	1 5	9 46	1 27	4 15	1 47	24 43	0 37	22 4	0 2	15 22	11 30	22 32	22 47	14 54		n.a.	
S 30	14 s39	15n23	3n13	19 s21	1 s55	22 s34	1 s31	23 s25	1 s 4	9 s46	1 s26	4 s18	1n47	24n43	0n37	22n 4	0n 2	15n22	11n30	22 s31	22 s46	14 s56		n.a.	

Julian Day Number = 199000.5, Delta T = 32h13m47s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'13, Lahiri = -61°13'13 Julian Calendar 1 Nov. 4169 BCE == Greg. Calendar 29 Sept. 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4169 BCE
geocentric

DECEMBER 4169 BCE (-4168) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 31 29	9♏15'19	16♉57	19♏13	2♐55	21♑56	8°R55	14♎47	28°R16	6°R36	18♍ 3	9°R33	11♐15	0♏ 2	n.a.	M 1
T 2	2 35 26	10°16'08	2♊ 3	20°59	4°10	22°33	8♓54	14°54	28♊15	6♊35	18° 5	9♐32	11°12	0° 8	n.a.	T 2
W 3	2 39 22	11°16'57	16°50	22°45	5°24	23°10	8°54	15° 0	28°13	6°33	18° 7	9°D32	11° 9	0°15	n.a.	W 3
T 4	2 43 19	12°17'44	1♋12	24°30	6°38	23°48	8°53	15° 7	28°12	6°32	18° 8	9°33	11° 6	0°22	n.a.	T 4
F 5	2 47 16	13°18'30	15° 7	26°14	7°52	24°25	8°53	15°14	28°10	6°30	18°10	9°35	11° 3	0°28	n.a.	F 5
S 6	2 51 12	14°19'14	28°35	27°58	9° 6	25° 3	8°D53	15°20	28° 9	6°29	18°11	9°36	10°59	0°35	n.a.	S 6
S 7	2 55 9	15°19'56	11♌37	29°40	10°20	25°40	8°53	15°27	28° 7	6°27	18°13	9°R37	10°56	0°42	n.a.	S 7
M 8	2 59 5	16°20'38	24°18	1♐20	11°35	26°17	8°54	15°33	28° 6	6°26	18°14	9°37	10°53	0°48	n.a.	M 8
T 9	3 3 2	17°21'17	6♍41	2°58	12°49	26°55	8°54	15°39	28° 4	6°24	18°16	9°35	10°50	0°55	n.a.	T 9
W10	3 6 58	18°21'55	18°49	4°33	14° 3	27°32	8°55	15°46	28° 2	6°23	18°17	9°33	10°47	1° 2	n.a.	W10
T 11	3 10 55	19°22'32	0♎48	6° 5	15°16	28°10	8°56	15°52	28° 0	6°21	18°19	9°30	10°43	1° 8	n.a.	T 11
F 12	3 14 52	20°23'07	12°41	7°33	16°30	28°47	8°57	15°58	27°58	6°19	18°20	9°27	10°40	1°15	n.a.	F 12
S 13	3 18 48	21°23'40	24°30	8°56	17°44	29°25	8°59	16° 5	27°56	6°18	18°21	9°23	10°37	1°22	n.a.	S 13
S 14	3 22 45	22°24'11	6♏19	10°15	18°58	0♒ 2	9° 0	16°11	27°55	6°16	18°23	9°21	10°34	1°28	n.a.	S 14
M15	3 26 41	23°24'41	18° 9	11°27	20°12	0°40	9° 2	16°17	27°53	6°15	18°24	9°19	10°31	1°35	n.a.	M15
T 16	3 30 38	24°25'09	0♐ 3	12°33	21°26	1°18	9° 4	16°23	27°51	6°13	18°25	9°18	10°28	1°42	n.a.	T 16
W17	3 34 34	25°25'35	12° 3	13°32	22°40	1°55	9° 6	16°29	27°49	6°11	18°26	9°D18	10°24	1°48	n.a.	W17
T 18	3 38 31	26°25'59	24°10	14°23	23°53	2°33	9° 8	16°35	27°47	6°10	18°27	9°18	10°21	1°55	n.a.	T 18
F 19	3 42 27	27°26'20	6♑27	15° 5	25° 7	3°11	9°11	16°41	27°44	6° 8	18°29	9°19	10°18	2° 2	n.a.	F 19
S 20	3 46 24	28°26'40	18°56	15°38	26°21	3°48	9°14	16°47	27°42	6° 6	18°30	9°20	10°15	2° 9	n.a.	S 20
S 21	3 50 21	29°26'57	1♒40	16° 2	27°34	4°26	9°17	16°53	27°40	6° 5	18°31	9°21	10°12	2°15	n.a.	S 21
M22	3 54 17	0♐27'12	14°41	16°16	28°48	5° 4	9°20	16°59	27°38	6° 3	18°32	9°22	10° 9	2°22	n.a.	M22
T 23	3 58 14	1°27'24	28° 1	16°R20	0♑ 1	5°41	9°23	17° 4	27°36	6° 1	18°33	9°R22	10° 5	2°29	n.a.	T 23
W24	4 2 10	2°27'34	11♓44	16°14	1°15	6°19	9°27	17°10	27°33	6° 0	18°34	9°22	10° 2	2°35	n.a.	W24
T 25	4 6 7	3°27'42	25°49	15°58	2°28	6°57	9°30	17°16	27°31	5°58	18°35	9°22	9°59	2°42	n.a.	T 25
F 26	4 10 3	4°27'47	10♈15	15°33	3°41	7°35	9°34	17°21	27°29	5°56	18°36	9°21	9°56	2°49	n.a.	F 26
S 27	4 14 0	5°27'50	24°59	15° 0	4°55	8°12	9°38	17°27	27°27	5°55	18°37	9°21	9°53	2°55	n.a.	S 27
S 28	4 17 56	6°27'50	9♉56	14°19	6° 8	8°50	9°43	17°32	27°24	5°53	18°38	9°20	9°49	3° 2	n.a.	S 28
M29	4 21 53	7°27'48	24°57	13°31	7°21	9°28	9°47	17°38	27°22	5°51	18°38	9°20	9°46	3° 9	n.a.	M29
T 30	4 25 50	8°27'44	9♊55	12°38	8°34	10° 6	9°52	17°43	27°19	5°50	18°39	9°D20	9°43	3°15	n.a.	T 30
W31	4 29 46	9♐27'38	24♊41	11♐41	9♑47	10♒43	9♓56	17♎48	27♊17	5♊48	18♍40	9°R20	9♐40	3♏22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s59	19n18	2n 1	19s49	1s53	22s50	1s32	23s18	1s 2	9s46	1s26	4s21	1n47	24n43	0n37	22n 3	0n 2	15n22	11n30	22s31	22s46	14s58		n.a.
T 2	15 19	21 49	0 41	20 16	1 50	23 6	1 33	23 10	1 1	9 46	1 25	4 23	1 47	24 43	0 37	22 3	0 2	15 21	11 30	22 30	22 45	14 59		n.a.
W 3	15 38	22 47	0s40	20 42	1 47	23 21	1 34	23 3	1 0	9 46	1 25	4 26	1 47	24 43	0 37	22 3	0 2	15 21	11 31	22 30	22 45	15 1		n.a.
T 4	15 57	22 10	1 56	21 5	1 43	23 35	1 35	22 55	0 59	9 46	1 25	4 28	1 47	24 43	0 37	22 3	0 2	15 20	11 31	22 30	22 44	15 3		n.a.
F 5	16 16	20 12	3 3	21 27	1 38	23 48	1 35	22 47	0 58	9 46	1 24	4 31	1 47	24 43	0 37	22 2	0 2	15 20	11 31	22 31	22 44	15 5		n.a.
S 6	16 35	17 9	3 58	21 46	1 33	24 1	1 36	22 39	0 56	9 45	1 24	4 34	1 47	24 43	0 37	22 2	0 2	15 19	11 31	22 31	22 43	15 7		n.a.
S 7	16 53	13 20	4 38	22 3	1 26	24 13	1 37	22 31	0 55	9 45	1 24	4 36	1 47	24 43	0 37	22 2	0 2	15 19	11 31	22 31	22 43	15 8		n.a.
M 8	17 11	9 2	5 4	22 17	1 19	24 25	1 37	22 22	0 54	9 44	1 23	4 39	1 47	24 43	0 38	22 2	0 2	15 19	11 32	22 31	22 42	15 10		n.a.
T 9	17 29	4 27	5 15	22 30	1 11	24 35	1 38	22 14	0 53	9 44	1 23	4 41	1 47	24 43	0 38	22 1	0 2	15 18	11 32	22 31	22 42	15 12		n.a.
W10	17 47	0s12	5 11	22 39	1 2	24 45	1 38	22 5	0 52	9 43	1 23	4 44	1 47	24 43	0 38	22 1	0 2	15 18	11 32	22 30	22 41	15 14		n.a.
T 11	18 4	4 48	4 54	22 47	0 52	24 54	1 38	21 56	0 51	9 42	1 22	4 46	1 48	24 43	0 38	22 1	0 2	15 17	11 32	22 30	22 41	15 16		n.a.
F 12	18 21	9 10	4 24	22 51	0 41	25 3	1 39	21 47	0 50	9 42	1 22	4 48	1 48	24 43	0 38	22 1	0 2	15 17	11 33	22 29	22 41	15 17		n.a.
S 13	18 37	13 12	3 43	22 53	0 29	25 10	1 39	21 38	0 49	9 41	1 21	4 51	1 48	24 43	0 38	22 0	0 2	15 17	11 33	22 29	22 40	15 19		n.a.
S 14	18 53	16 42	2 52	22 53	0 16	25 17	1 39	21 29	0 47	9 40	1 21	4 53	1 48	24 43	0 38	22 0	0 2	15 17	11 33	22 29	22 40	15 21		n.a.
M15	19 9	19 33	1 54	22 50	0 2	25 23	1 39	21 20	0 46	9 39	1 21	4 56	1 48	24 43	0 38	22 0	0 2	15 16	11 33	22 28	22 39	15 23		n.a.
T 16	19 24	21 34	0 51	22 44	0n12	25 28	1 39	21 10	0 45	9 38	1 20	4 58	1 48	24 43	0 38	22 0	0 2	15 16	11 34	22 28	22 39	15 25		n.a.
W17	19 39	22 37	0n15	22 37	0 28	25 33	1 39	21 0	0 44	9 37	1 20	5 0	1 48	24 43	0 38	21 59	0 2	15 16	11 34	22 28	22 38	15 26		n.a.
T 18	19 54	22 37	1 22	22 27	0 43	25 37	1 39	20 51	0 43	9 35	1 20	5 3	1 48	24 43	0 38	21 59	0 2	15 15	11 34	22 28	22 38	15 28		n.a.
F 19	20 8	21 32	2 25	22 16	1 0	25 40	1 38	20 41	0 42	9 34	1 19	5 5	1 48	24 43	0 38	21 59	0 2	15 15	11 35	22 28	22 37	15 30		n.a.
S 20	20 22	19 23	3 23	22 2	1 17	25 42	1 38	20 31	0 41	9 33	1 19	5 7	1 48	24 43	0 38	21 58	0 2	15 15	11 35	22 28	22 37	15 32		n.a.
S 21	20 36	16 16	4 12	21 48	1 34	25 43	1 38	20 20	0 40	9 31	1 19	5 9	1 48	24 43	0 38	21 58	0 2	15 15	11 35	22 29	22 36	15 33		n.a.
M22	20 49	12 18	4 49	21 32	1 51	25 44	1 37	20 10	0 39	9 30	1 18	5 12	1 48	24 43	0 38	21 58	0 3	15 15	11 35	22 29	22 36	15 35		n.a.
T 23	21 2	7 38	5 12	21 16	2 8	25 43	1 37	20 0	0 38	9 28	1 18	5 14	1 48	24 43	0 38	21 58	0 3	15 15	11 36	22 29	22 35	15 37		n.a.
W24	21 14	2 29	5 17	20 58	2 25	25 42	1 36	19 49	0 37	9 26	1 17	5 16	1 48	24 43	0 38	21 57	0 3	15 14	11 36	22 29	22 35	15 38		n.a.
T 25	21 26	2n56	5 5	20 41	2 41	25 41	1 35	19 38	0 36	9 24	1 17	5 18	1 48	24 43	0 38	21 57	0 3	15 14	11 36	22 29	22 34	15 40		n.a.
F 26	21 38	8 20	4 33	20 23	2 57	25 38	1 35	19 27	0 35	9 23	1 17	5 20	1 48	24 43	0 38	21 57	0 3	15 14	11 37	22 29	22 34	15 42		n.a.
S 27	21 49	13 22	3 42	20 5	3 11	25 35	1 34	19 16	0 34	9 21	1 16	5 22	1 48	24 43	0 38	21 56	0 3	15 14	11 37	22 29	22 33	15 44		n.a.
S 28	22 0	17 40	2 36	19 47	3 24	25 31	1 33	19 5	0 33	9 19	1 16	5 25	1 48	24 43	0 38	21 56	0 3	15 14	11 37	22 28	22 33	15 45		n.a.
M29	22 10	20 49	1 19	19 30	3 35	25 26	1 32	18 54	0 32	9 17	1 16	5 27	1 49	24 43	0 38	21 56	0 3	15 14	11 37	22 28	22 32	15 47		n.a.
T 30	22 20	22 31	0s 3	19 14	3 45	25 20	1 31	18 43	0 31	9 15	1 15	5 29	1 49	24 43	0 38	21 56	0 3	15 14	11 38	22 28	22 32	15 49		n.a.
W31	22s29	22n36	1s24	18s59	3n52	25s14	1s29	18s31	0s30	9s13	1s15	5s31	1n49	24n43	0n38	21n55	0n 3	15n14	11n38	22s28	22s31	15s50		n.a.

Julian Day Number = 199030.5, Delta T = 32h13m44s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'09, Lahiri = -61°13'09 Julian Calendar 1 Dec. 4169 BCE == Greg. Calendar 29 Oct. 4169 BCE

The year -4168 astronomical counting style corresponds to year 4169 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

JANUARY 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 33 43	10♐27'30	9♋ 8	10°R41	11♉ 0	11♒21	10♓ 1	17♎53	27°R15	5°R46	18♍41	9°R20	9♐37	3♏29	n.a.	T 1
F 2	4 37 39	11°27'19	23°12	9♐39	12°13	11°59	10° 6	17°59	27♊12	5♊45	18°41	9♐20	9°34	3°35	n.a.	F 2
S 3	4 41 36	12°27'07	6♌49	8°38	13°26	12°37	10°12	18° 4	27°10	5°43	18°42	9°20	9°30	3°42	n.a.	S 3
S 4	4 45 32	13°26'53	20° 0	7°39	14°39	13°14	10°17	18° 9	27° 7	5°41	18°43	9°19	9°27	3°49	n.a.	S 4
M 5	4 49 29	14°26'36	2♍47	6°42	15°52	13°52	10°23	18°14	27° 5	5°40	18°43	9°19	9°24	3°55	n.a.	M 5
T 6	4 53 25	15°26'18	15°14	5°49	17° 4	14°30	10°28	18°19	27° 2	5°38	18°44	9°D19	9°21	4° 2	n.a.	T 6
W 7	4 57 22	16°25'57	27°24	5° 1	18°17	15° 8	10°34	18°23	27° 0	5°36	18°44	9°19	9°18	4° 9	n.a.	W 7
T 8	5 1 18	17°25'35	9♎22	4°18	19°30	15°45	10°40	18°28	26°57	5°35	18°45	9°19	9°15	4°15	n.a.	T 8
F 9	5 5 15	18°25'10	21°13	3°41	20°42	16°23	10°47	18°33	26°55	5°33	18°45	9°20	9°11	4°22	n.a.	F 9
S 10	5 9 12	19°24'43	3♏ 1	3°10	21°55	17° 1	10°53	18°37	26°52	5°32	18°46	9°21	9° 8	4°29	n.a.	S 10
S 11	5 13 8	20°24'15	14°51	2°45	23° 7	17°39	11° 0	18°42	26°49	5°30	18°46	9°22	9° 5	4°35	n.a.	S 11
M12	5 17 5	21°23'44	26°44	2°27	24°19	18°17	11° 6	18°46	26°47	5°28	18°47	9°23	9° 2	4°42	n.a.	M12
T 13	5 21 1	22°23'11	8♐45	2°15	25°32	18°55	11°13	18°51	26°44	5°27	18°47	9°R24	8°59	4°49	n.a.	T 13
W14	5 24 58	23°22'36	20°56	2°D 9	26°44	19°32	11°20	18°55	26°42	5°25	18°47	9°23	8°55	4°55	n.a.	W14
T 15	5 28 54	24°21'59	3♉18	2° 9	27°56	20°10	11°27	18°59	26°39	5°24	18°47	9°22	8°52	5° 2	n.a.	T 15
F 16	5 32 51	25°21'19	15°52	2°15	29° 8	20°48	11°35	19° 4	26°36	5°22	18°48	9°20	8°49	5° 9	n.a.	F 16
S 17	5 36 47	26°20'37	28°40	2°27	0♒20	21°26	11°42	19° 8	26°34	5°21	18°48	9°18	8°46	5°15	n.a.	S 17
S 18	5 40 44	27°19'53	11♒41	2°44	1°32	22° 4	11°50	19°12	26°31	5°19	18°48	9°15	8°43	5°22	n.a.	S 18
M19	5 44 40	28°19'05	24°56	3° 6	2°44	22°41	11°58	19°16	26°29	5°17	18°48	9°13	8°40	5°29	n.a.	M19
T 20	5 48 37	29°18'16	8♓26	3°33	3°56	23°19	12° 5	19°19	26°26	5°16	18°48	9°11	8°36	5°35	n.a.	T 20
W21	5 52 34	0♉17'23	22°10	4° 4	5° 7	23°57	12°13	19°23	26°23	5°14	18°48	9°10	8°33	5°42	n.a.	W21
T 22	5 56 30	1°16'29	6♈ 7	4°39	6°19	24°35	12°22	19°27	26°21	5°13	18°R48	9°D10	8°30	5°49	n.a.	T 22
F 23	6 0 27	2°15'31	20°19	5°19	7°30	25°13	12°30	19°31	26°18	5°12	18°48	9°10	8°27	5°55	n.a.	F 23
S 24	6 4 23	3°14'31	4♉41	6° 2	8°42	25°51	12°38	19°34	26°16	5°10	18°48	9°12	8°24	6° 2	n.a.	S 24
S 25	6 8 20	4°13'29	19°13	6°48	9°53	26°28	12°47	19°37	26°13	5° 9	18°48	9°13	8°21	6° 9	n.a.	S 25
M26	6 12 16	5°12'24	3♊48	7°39	11° 4	27° 6	12°55	19°41	26°11	5° 7	18°48	9°R14	8°17	6°15	n.a.	M26
T 27	6 16 13	6°11'16	18°23	8°32	12°15	27°44	13° 4	19°44	26° 8	5° 6	18°48	9°14	8°14	6°22	n.a.	T 27
W28	6 20 9	7°10'07	2♋52	9°28	13°26	28°22	13°13	19°47	26° 5	5° 5	18°48	9°12	8°11	6°29	n.a.	W28
T 29	6 24 6	8° 8'55	17° 7	10°27	14°37	29° 0	13°22	19°50	26° 3	5° 3	18°48	9° 9	8° 8	6°35	n.a.	T 29
F 30	6 28 2	9° 7'40	1♌ 5	11°29	15°48	29°37	13°31	19°53	26° 0	5° 2	18°47	9° 5	8° 5	6°42	n.a.	F 30
S 31	6 31 59	10♉ 6'24	14♌42	12♐34	16♒59	0♓15	13♓40	19♎56	25♊58	5♊ 1	18♍47	9♐ 0	8♐ 1	6♏49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	22s38	21n 9	2s38	18s45	3n58	25s 6	1s28	18s20	0s29	9s10	1s15	5s33	1n49	24n43	0n38	21n55	0n 3	15n14	11n38	22s28	22s31	15s52			n.a.
F 2	22 47	18 26	3 41	18 33	4 1	24 58	1 27	18 8	0 28	9 8	1 14	5 34	1 49	24 43	0 38	21 55	0 3	15 14	11 39	22 28	22 31	15 54			n.a.
S 3	22 55	14 46	4 28	18 23	4 2	24 50	1 25	17 56	0 27	9 6	1 14	5 36	1 49	24 43	0 38	21 54	0 3	15 14	11 39	22 28	22 30	15 56			n.a.
S 4	23 3	10 29	5 0	18 14	4 2	24 40	1 24	17 44	0 26	9 3	1 14	5 38	1 49	24 43	0 38	21 54	0 3	15 14	11 39	22 28	22 30	15 57			n.a.
M 5	23 10	5 52	5 16	18 7	3 59	24 30	1 22	17 32	0 26	9 1	1 13	5 40	1 49	24 43	0 38	21 54	0 3	15 14	11 40	22 28	22 29	15 59			n.a.
T 6	23 17	1 8	5 16	18 2	3 54	24 19	1 21	17 20	0 25	8 58	1 13	5 42	1 49	24 43	0 38	21 54	0 3	15 14	11 40	22 28	22 29	16 1			n.a.
W 7	23 24	3s32	5 2	18 0	3 48	24 8	1 19	17 8	0 24	8 56	1 13	5 44	1 49	24 43	0 38	21 53	0 3	15 14	11 40	22 28	22 28	16 2			n.a.
T 8	23 30	8 0	4 35	17 59	3 41	23 56	1 17	16 55	0 23	8 53	1 12	5 46	1 49	24 43	0 38	21 53	0 3	15 14	11 40	22 28	22 28	16 4			n.a.
F 9	23 35	12 9	3 57	18 1	3 32	23 43	1 15	16 43	0 22	8 50	1 12	5 47	1 49	24 43	0 38	21 53	0 3	15 14	11 41	22 28	22 27	16 6			n.a.
S 10	23 40	15 48	3 9	18 5	3 22	23 29	1 14	16 30	0 21	8 47	1 12	5 49	1 50	24 43	0 38	21 52	0 3	15 14	11 41	22 29	22 27	16 7			n.a.
S 11	23 45	18 50	2 12	18 10	3 11	23 15	1 12	16 18	0 20	8 45	1 11	5 51	1 50	24 43	0 38	21 52	0 3	15 14	11 41	22 29	22 26	16 9			n.a.
M12	23 49	21 6	1 10	18 18	3 0	23 0	1 9	16 5	0 19	8 42	1 11	5 52	1 50	24 43	0 38	21 52	0 3	15 14	11 42	22 29	22 26	16 10			n.a.
T 13	23 53	22 26	0 4	18 27	2 48	22 44	1 7	15 52	0 18	8 39	1 11	5 54	1 50	24 43	0 38	21 52	0 3	15 15	11 42	22 29	22 25	16 12			n.a.
W14	23 56	22 44	1n 4	18 38	2 36	22 28	1 5	15 39	0 18	8 36	1 11	5 55	1 50	24 43	0 38	21 51	0 3	15 15	11 42	22 29	22 25	16 14			n.a.
T 15	23 59	21 56	2 9	18 51	2 23	22 11	1 3	15 26	0 17	8 33	1 10	5 57	1 50	24 43	0 38	21 51	0 3	15 15	11 43	22 29	22 24	16 15			n.a.
F 16	24 2	20 1	3 8	19 4	2 10	21 53	1 0	15 13	0 16	8 29	1 10	5 59	1 50	24 42	0 38	21 51	0 3	15 15	11 43	22 28	22 24	16 17			n.a.
S 17	24 3	17 6	4 0	19 19	1 57	21 35	0 58	15 0	0 15	8 26	1 10	6 0	1 50	24 42	0 38	21 51	0 3	15 15	11 43	22 28	22 23	16 19			n.a.
S 18	24 5	13 17	4 40	19 35	1 45	21 17	0 56	14 46	0 14	8 23	1 9	6 1	1 50	24 42	0 38	21 50	0 3	15 16	11 44	22 28	22 23	16 20			n.a.
M19	24 6	8 47	5 6	19 52	1 32	20 58	0 53	14 33	0 13	8 20	1 9	6 3	1 50	24 42	0 38	21 50	0 3	15 16	11 44	22 27	22 22	16 22			n.a.
T 20	24 6	3 47	5 16	20 10	1 19	20 38	0 50	14 19	0 13	8 16	1 9	6 4	1 51	24 42	0 38	21 50	0 3	15 16	11 44	22 27	22 21	16 24			n.a.
W21	24 7	1n29	5 8	20 28	1 7	20 17	0 48	14 6	0 12	8 13	1 8	6 6	1 51	24 42	0 38	21 50	0 3	15 16	11 44	22 27	22 21	16 25			n.a.
T 22	24 6	6 47	4 41	20 46	0 55	19 57	0 45	13 52	0 11	8 9	1 8	6 7	1 51	24 42	0 38	21 49	0 3	15 17	11 45	22 27	22 20	16 27			n.a.
F 23	24 5	11 48	3 58	21 5	0 43	19 35	0 42	13 38	0 10	8 6	1 8	6 8	1 51	24 42	0 38	21 49	0 3	15 17	11 45	22 27	22 20	16 28			n.a.
S 24	24 4	16 15	2 59	21 25	0 31	19 13	0 39	13 24	0 9	8 2	1 8	6 10	1 51	24 42	0 38	21 49	0 3	15 17	11 45	22 27	22 19	16 30			n.a.
S 25	24 2	19 45	1 48	21 44	0 20	18 51	0 36	13 11	0 9	7 59	1 7	6 11	1 51	24 42	0 38	21 48	0 3	15 17	11 46	22 27	22 19	16 32			n.a.
M26	24 0	22 0	0 30	22 4	0 9	18 28	0 33	12 57	0 8	7 55	1 7	6 12	1 51	24 42	0 38	21 48	0 3	15 18	11 46	22 27	22 18	16 33			n.a.
T 27	23 58	22 45	0s50	22 23	0s 2	18 5	0 30	12 43	0 7	7 51	1 7	6 13	1 51	24 42	0 38	21 48	0 3	15 18	11 46	22 27	22 18	16 35			n.a.
W28	23 55	21 59	2 6	22 42	0 13	17 41	0 27	12 28	0 6	7 48	1 6	6 14	1 51	24 42	0 38	21 48	0 3	15 18	11 47	22 27	22 17	16 36			n.a.
T 29	23 51	19 47	3 13	23 1	0 22	17 17	0 24	12 14	0 6	7 44	1 6	6 15	1 52	24 42	0 38	21 48	0 3	15 19	11 47	22 27	22 17	16 38			n.a.
F 30	23 47	16 28	4 7	23 19	0 32	16 53	0 21	12 0	0 5	7 40	1 6	6 16	1 52	24 42	0 38	21 47	0 3	15 19	11 47	22 26	22 16	16 39			n.a.
S 31	23s43	12n21	4s45	23s37	0s41	16s28	0s18	11s46	0s 4	7s36	1s 6	6s17	1n52	24n41	0n38	21n47	0n 3	15n19	11n47	22s25	22s16	16s41			n.a.

Julian Day Number = 199061.5, Delta T = 32h13m41s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'05, Lahiri = -61°13'04 Julian Calendar 1 Jan. 4168 BCE == Greg. Calendar 29 Nov. 4169 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

FEBRUARY 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 35 55	11♉ 5'06	27♌55	13♐41	18♒10	0♓53	13♓50	19♎59	25°R55	4°R59	18°R47	8°R56	7♐58	6♏55	n.a.	S 1
M 2	6 39 52	12° 3'45	10♍46	14°50	19°20	1°31	13°59	20° 2	25♊53	4♊58	18♍46	8♐51	7°55	7° 2	n.a.	M 2
T 3	6 43 48	13° 2'23	23°16	16° 1	20°31	2° 9	14° 9	20° 5	25°51	4°57	18°46	8°48	7°52	7° 9	n.a.	T 3
W 4	6 47 45	14° 0'58	5♎29	17°15	21°41	2°46	14°18	20° 7	25°48	4°56	18°46	8°46	7°49	7°15	n.a.	W 4
T 5	6 51 42	14°59'32	17°29	18°31	22°51	3°24	14°28	20°10	25°46	4°54	18°45	8°D46	7°46	7°22	n.a.	T 5
F 6	6 55 38	15°58'04	29°21	19°49	24° 1	4° 2	14°38	20°12	25°43	4°53	18°45	8°47	7°42	7°29	n.a.	F 6
S 7	6 59 35	16°56'34	11♏10	21° 9	25°11	4°40	14°48	20°14	25°41	4°52	18°44	8°48	7°39	7°35	n.a.	S 7
S 8	7 3 31	17°55'02	23° 0	22°31	26°21	5°17	14°58	20°17	25°39	4°51	18°44	8°50	7°36	7°42	n.a.	S 8
M 9	7 7 28	18°53'28	4♐58	23°54	27°31	5°55	15° 8	20°19	25°36	4°50	18°43	8°R51	7°33	7°49	n.a.	M 9
T 10	7 11 24	19°51'52	17° 6	25°20	28°41	6°33	15°19	20°21	25°34	4°49	18°42	8°50	7°30	7°55	n.a.	T 10
W11	7 15 21	20°50'15	29°27	26°47	29°50	7°11	15°29	20°23	25°32	4°48	18°42	8°48	7°27	8° 2	n.a.	W11
T 12	7 19 17	21°48'35	12♑ 5	28°16	0♓59	7°49	15°40	20°24	25°29	4°47	18°41	8°44	7°23	8° 9	n.a.	T 12
F 13	7 23 14	22°46'53	24°58	29°47	2° 9	8°26	15°50	20°26	25°27	4°46	18°40	8°39	7°20	8°15	n.a.	F 13
S 14	7 27 10	23°45'10	8♒ 9	1♑20	3°18	9° 4	16° 1	20°28	25°25	4°45	18°40	8°31	7°17	8°22	n.a.	S 14
S 15	7 31 7	24°43'24	21°34	2°54	4°27	9°42	16°12	20°29	25°23	4°44	18°39	8°24	7°14	8°29	n.a.	S 15
M16	7 35 3	25°41'36	5♓13	4°30	5°36	10°20	16°23	20°31	25°21	4°43	18°38	8°16	7°11	8°35	n.a.	M16
T 17	7 39 0	26°39'45	19° 2	6° 8	6°45	10°57	16°34	20°32	25°19	4°42	18°37	8°10	7° 7	8°42	n.a.	T 17
W18	7 42 56	27°37'53	2♈59	7°48	7°53	11°35	16°45	20°33	25°16	4°41	18°37	8° 5	7° 4	8°49	n.a.	W18
T 19	7 46 53	28°35'58	17° 2	9°29	9° 2	12°13	16°56	20°35	25°14	4°40	18°36	8° 3	7° 1	8°55	n.a.	T 19
F 20	7 50 49	29°34'01	1♉ 9	11°12	10°10	12°51	17° 7	20°36	25°12	4°39	18°35	8°D 2	6°58	9° 2	n.a.	F 20
S 21	7 54 46	0♒32'02	15°19	12°56	11°18	13°28	17°18	20°37	25°10	4°38	18°34	8° 3	6°55	9° 9	n.a.	S 21
S 22	7 58 43	1°30'01	29°30	14°43	12°26	14° 6	17°30	20°37	25° 9	4°38	18°33	8° 4	6°52	9°15	n.a.	S 22
M23	8 2 39	2°27'58	13♊41	16°31	13°34	14°44	17°41	20°38	25° 7	4°37	18°32	8°R 4	6°48	9°22	n.a.	M23
T 24	8 6 36	3°25'52	27°49	18°20	14°42	15°22	17°53	20°39	25° 5	4°36	18°31	8° 2	6°45	9°29	n.a.	T 24
W25	8 10 32	4°23'45	11♋52	20°12	15°49	15°59	18° 4	20°39	25° 3	4°36	18°30	7°58	6°42	9°35	n.a.	W25
T 26	8 14 29	5°21'36	25°45	22° 5	16°57	16°37	18°16	20°40	25° 1	4°35	18°29	7°52	6°39	9°42	n.a.	T 26
F 27	8 18 25	6°19'25	9♌25	24° 0	18° 4	17°15	18°27	20°40	24°59	4°34	18°28	7°43	6°36	9°49	n.a.	F 27
S 28	8 22 22	7♒17'12	22♌49	25♑57	19♓11	17♓53	18♓39	20♎41	24♊58	4♊34	18♍27	7♐34	6♐32	9♏55	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s38	7n45	5s 7	23s55	0s50	16s 2	0s14	11s31	0s 3	7s32	1s 5	6s18	1n52	24n41	0n38	21n47	0n 3	15n20	11n48	22s25	22s15	16s43			n.a.
M 2	23 33	2 56	5 12	24 11	0 58	15 37	0 11	11 17	0 3	7 28	1 5	6 19	1 52	24 41	0 38	21 47	0 3	15 20	11 48	22 24	22 15	16 44			n.a.
T 3	23 27	1s52	5 3	24 27	1 6	15 11	0 8	11 2	0 2	7 24	1 5	6 20	1 52	24 41	0 38	21 46	0 3	15 21	11 48	22 23	22 14	16 46			n.a.
W 4	23 21	6 29	4 39	24 42	1 14	14 44	0 4	10 47	0 1	7 20	1 5	6 21	1 52	24 41	0 38	21 46	0 3	15 21	11 49	22 23	22 14	16 47			n.a.
T 5	23 14	10 47	4 4	24 57	1 21	14 18	0 1	10 33	0 0	7 16	1 4	6 22	1 52	24 41	0 38	21 46	0 3	15 22	11 49	22 23	22 13	16 49			n.a.
F 6	23 7	14 38	3 19	25 10	1 28	13 50	0n 3	10 18	0n 0	7 12	1 4	6 23	1 53	24 41	0 38	21 46	0 3	15 22	11 49	22 23	22 13	16 50			n.a.
S 7	23 0	17 53	2 25	25 22	1 34	13 23	0 7	10 3	0 1	7 8	1 4	6 24	1 53	24 41	0 38	21 46	0 3	15 22	11 49	22 23	22 12	16 52			n.a.
S 8	22 52	20 25	1 25	25 33	1 40	12 56	0 10	9 48	0 2	7 3	1 4	6 24	1 53	24 41	0 38	21 45	0 3	15 23	11 50	22 24	22 12	16 53			n.a.
M 9	22 44	22 4	0 21	25 43	1 45	12 28	0 14	9 33	0 2	6 59	1 3	6 25	1 53	24 41	0 38	21 45	0 3	15 23	11 50	22 24	22 11	16 55			n.a.
T 10	22 36	22 44	0n45	25 51	1 50	11 59	0 17	9 18	0 3	6 55	1 3	6 26	1 53	24 41	0 38	21 45	0 3	15 24	11 50	22 24	22 10	16 56			n.a.
W11	22 27	22 17	1 50	25 58	1 54	11 31	0 21	9 3	0 4	6 50	1 3	6 26	1 53	24 41	0 38	21 45	0 3	15 24	11 50	22 23	22 10	16 58			n.a.
T 12	22 17	20 43	2 50	26 4	1 58	11 2	0 25	8 48	0 5	6 46	1 3	6 27	1 53	24 40	0 38	21 45	0 3	15 25	11 51	22 23	22 9	16 59			n.a.
F 13	22 7	18 4	3 44	26 8	2 1	10 34	0 29	8 33	0 5	6 41	1 2	6 27	1 53	24 40	0 38	21 44	0 3	15 25	11 51	22 22	22 9	17 1			n.a.
S 14	21 57	14 28	4 26	26 11	2 4	10 4	0 33	8 18	0 6	6 37	1 2	6 28	1 54	24 40	0 38	21 44	0 3	15 26	11 51	22 21	22 8	17 2			n.a.
S 15	21 47	10 4	4 55	26 11	2 7	9 35	0 36	8 3	0 7	6 32	1 2	6 28	1 54	24 40	0 38	21 44	0 3	15 26	11 51	22 19	22 8	17 4			n.a.
M16	21 36	5 7	5 7	26 10	2 9	9 6	0 40	7 48	0 7	6 28	1 2	6 29	1 54	24 40	0 38	21 44	0 3	15 27	11 52	22 18	22 7	17 5			n.a.
T 17	21 25	0n 9	5 2	26 8	2 10	8 36	0 44	7 32	0 8	6 23	1 2	6 29	1 54	24 40	0 38	21 44	0 3	15 27	11 52	22 17	22 7	17 7			n.a.
W18	21 13	5 28	4 40	26 3	2 11	8 6	0 48	7 17	0 9	6 19	1 1	6 30	1 54	24 40	0 38	21 44	0 3	15 28	11 52	22 16	22 6	17 8			n.a.
T 19	21 1	10 33	4 0	25 57	2 11	7 37	0 52	7 2	0 9	6 14	1 1	6 30	1 54	24 40	0 38	21 43	0 3	15 29	11 52	22 16	22 6	17 10			n.a.
F 20	20 49	15 5	3 5	25 48	2 11	7 7	0 56	6 46	0 10	6 9	1 1	6 30	1 54	24 40	0 38	21 43	0 3	15 29	11 53	22 16	22 5	17 11			n.a.
S 21	20 36	18 47	1 59	25 37	2 10	6 36	1 0	6 31	0 10	6 5	1 1	6 30	1 55	24 40	0 38	21 43	0 3	15 30	11 53	22 16	22 5	17 13			n.a.
S 22	20 23	21 21	0 46	25 24	2 9	6 6	1 4	6 15	0 11	6 0	1 0	6 31	1 55	24 40	0 38	21 43	0 3	15 30	11 53	22 16	22 4	17 14			n.a.
M23	20 10	22 35	0s30	25 9	2 7	5 36	1 8	6 0	0 12	5 55	1 0	6 31	1 55	24 40	0 38	21 43	0 3	15 31	11 53	22 16	22 3	17 16			n.a.
T 24	19 56	22 22	1 44	24 52	2 4	5 6	1 12	5 44	0 12	5 50	1 0	6 31	1 55	24 39	0 38	21 43	0 3	15 31	11 53	22 16	22 3	17 17			n.a.
W25	19 42	20 44	2 51	24 33	2 1	4 35	1 16	5 29	0 13	5 45	1 0	6 31	1 55	24 39	0 38	21 43	0 3	15 32	11 54	22 15	22 2	17 19			n.a.
T 26	19 28	17 53	3 47	24 11	1 58	4 5	1 20	5 13	0 14	5 41	1 0	6 31	1 55	24 39	0 38	21 43	0 3	15 33	11 54	22 14	22 2	17 20			n.a.
F 27	19 13	14 5	4 29	23 47	1 54	3 34	1 24	4 57	0 14	5 36	0 59	6 31	1 55	24 39	0 38	21 43	0 3	15 33	11 54	22 13	22 1	17 22			n.a.
S 28	18s58	9n40	4s55	23s20	1s49	3s 4	1n28	4s42	0n15	5s31	0s59	6s31	1n55	24n39	0n38	21n42	0n 3	15n34	11n54	22s11	22s 1	17s23			n.a.

Julian Day Number = 199092.5, Delta T = 32h13m38s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°20'01, Lahiri = -61°13'00 Julian Calendar 1 Feb. 4168 BCE == Greg. Calendar 30 Dec. 4169 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

MARCH 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 18	8♒14'57	5♍55	27♉55	20♓18	18♓30	18♓51	20♎41	24°R56	4°R33	18°R26	7°R23	6♐29	10♏ 2	n.a.	S 1
M 2	8 30 15	9°12'40	18°42	29°55	21°24	19° 8	19° 3	20°R41	24♊54	4♊33	18♍25	7♐14	6°26	10° 9	n.a.	M 2
T 3	8 34 11	10°10'23	1♎10	1♒57	22°31	19°46	19°15	20°41	24°53	4°32	18°23	7° 6	6°23	10°15	n.a.	T 3
W 4	8 38 8	11° 8'03	13°23	4° 0	23°37	20°23	19°27	20°41	24°51	4°32	18°22	7° 0	6°20	10°22	n.a.	W 4
T 5	8 42 4	12° 5'43	25°23	6° 5	24°43	21° 1	19°39	20°41	24°50	4°31	18°21	6°56	6°17	10°29	n.a.	T 5
F 6	8 46 1	13° 3'21	7♏15	8°10	25°49	21°39	19°51	20°40	24°48	4°31	18°20	6°55	6°13	10°35	n.a.	F 6
S 7	8 49 58	14° 0'58	19° 4	10°18	26°55	22°16	20° 4	20°40	24°47	4°31	18°19	6°D55	6°10	10°42	n.a.	S 7
S 8	8 53 54	14°58'33	0♐55	12°26	28° 0	22°54	20°16	20°39	24°45	4°30	18°17	6°R55	6° 7	10°49	n.a.	S 8
M 9	8 57 51	15°56'08	12°55	14°35	29° 5	23°32	20°28	20°39	24°44	4°30	18°16	6°55	6° 4	10°55	n.a.	M 9
T 10	9 1 47	16°53'41	25° 7	16°45	0♈11	24° 9	20°41	20°38	24°43	4°30	18°15	6°54	6° 1	11° 2	n.a.	T 10
W11	9 5 44	17°51'13	7♉36	18°55	1°15	24°47	20°53	20°37	24°42	4°29	18°13	6°50	5°58	11° 9	n.a.	W11
T 12	9 9 40	18°48'43	20°25	21° 5	2°20	25°25	21° 6	20°36	24°40	4°29	18°12	6°44	5°54	11°15	n.a.	T 12
F 13	9 13 37	19°46'12	3♒36	23°16	3°24	26° 3	21°18	20°35	24°39	4°29	18°11	6°35	5°51	11°22	n.a.	F 13
S 14	9 17 33	20°43'40	17° 7	25°26	4°29	26°40	21°31	20°34	24°38	4°29	18° 9	6°25	5°48	11°29	n.a.	S 14
S 15	9 21 30	21°41'07	0♓57	27°35	5°33	27°18	21°44	20°33	24°37	4°29	18° 8	6°13	5°45	11°35	n.a.	S 15
M16	9 25 26	22°38'32	15° 2	29°44	6°36	27°56	21°56	20°32	24°36	4°29	18° 7	6° 2	5°42	11°42	n.a.	M16
T 17	9 29 23	23°35'56	29°16	1♈51	7°40	28°33	22° 9	20°31	24°35	4°29	18° 5	5°53	5°38	11°49	n.a.	T 17
W18	9 33 20	24°33'18	13♈35	3°57	8°43	29°11	22°22	20°29	24°34	4°D29	18° 4	5°45	5°35	11°55	n.a.	W18
T 19	9 37 16	25°30'39	27°54	6° 1	9°46	29°49	22°35	20°28	24°33	4°29	18° 2	5°41	5°32	12° 2	n.a.	T 19
F 20	9 41 13	26°27'59	12♉ 9	8° 3	10°48	0♈26	22°48	20°26	24°33	4°29	18° 1	5°39	5°29	12° 9	n.a.	F 20
S 21	9 45 9	27°25'17	26°18	10° 3	11°51	1° 4	23° 1	20°24	24°32	4°29	17°59	5°38	5°26	12°15	n.a.	S 21
S 22	9 49 6	28°22'33	10♊20	12° 1	12°53	1°42	23°14	20°23	24°31	4°29	17°58	5°38	5°23	12°22	n.a.	S 22
M23	9 53 2	29°19'49	24°15	13°57	13°54	2°19	23°27	20°21	24°31	4°29	17°56	5°37	5°19	12°29	n.a.	M23
T 24	9 56 59	0♓17'02	8♋ 2	15°50	14°56	2°57	23°40	20°19	24°30	4°29	17°55	5°35	5°16	12°35	n.a.	T 24
W25	10 0 55	1°14'15	21°40	17°41	15°57	3°35	23°53	20°17	24°29	4°29	17°53	5°29	5°13	12°42	n.a.	W25
T 26	10 4 52	2°11'26	5♌ 9	19°29	16°57	4°13	24° 6	20°15	24°29	4°30	17°52	5°21	5°10	12°49	n.a.	T 26
F 27	10 8 49	3° 8'37	18°26	21°14	17°58	4°50	24°19	20°12	24°28	4°30	17°50	5°10	5° 7	12°55	n.a.	F 27
S 28	10 12 45	4° 5'46	1♍31	22°56	18°58	5°28	24°32	20°10	24°28	4°30	17°49	4°58	5° 4	13° 2	n.a.	S 28
S 29	10 16 42	5° 2'54	14°21	24°35	19°58	6° 6	24°45	20° 8	24°28	4°31	17°47	4°45	5° 0	13° 9	n.a.	S 29
M30	10 20 38	6° 0'01	26°56	26°12	20°57	6°43	24°59	20° 5	24°27	4°31	17°45	4°33	4°57	13°15	n.a.	M30
T 31	10 24 35	6♓57'08	9♎17	27♓46	21♈56	7♈21	25♓12	20♎ 3	24♊27	4♊31	17♍44	4♐23	4♐54	13♏22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s43	4n54	5s 4	22s51	1s44	2s33	1n31	4s26	0n15	5s26	0s59	6s31	1n56	24n39	0n38	21n42	0n 3	15n34	11n54	22s 9	22s 0	17s24		n.a.
M 2	18 27	0 2	4 58	22 20	1 38	2 3	1 35	4 10	0 16	5 21	0 59	6 31	1 56	24 39	0 38	21 42	0 3	15 35	11 55	22 8	22 0	17 26		n.a.
T 3	18 11	4s43	4 38	21 46	1 31	1 32	1 39	3 55	0 17	5 16	0 59	6 31	1 56	24 39	0 38	21 42	0 3	15 36	11 55	22 6	21 59	17 27		n.a.
W 4	17 55	9 11	4 6	21 10	1 24	1 2	1 43	3 39	0 17	5 11	0 58	6 31	1 56	24 39	0 38	21 42	0 4	15 36	11 55	22 5	21 58	17 29		n.a.
T 5	17 39	13 13	3 23	20 31	1 17	0 31	1 47	3 23	0 18	5 6	0 58	6 31	1 56	24 39	0 38	21 42	0 4	15 37	11 55	22 5	21 58	17 30		n.a.
F 6	17 22	16 42	2 32	19 50	1 9	0 1	1 51	3 7	0 18	5 1	0 58	6 30	1 56	24 39	0 38	21 42	0 4	15 38	11 55	22 5	21 57	17 32		n.a.
S 7	17 5	19 29	1 34	19 7	1 0	0n29	1 55	2 52	0 19	4 56	0 58	6 30	1 56	24 39	0 38	21 42	0 4	15 38	11 55	22 5	21 57	17 33		n.a.
S 8	16 48	21 26	0 32	18 22	0 51	0 59	1 59	2 36	0 20	4 50	0 58	6 30	1 56	24 38	0 38	21 42	0 4	15 39	11 55	22 5	21 56	17 34		n.a.
M 9	16 30	22 28	0n32	17 35	0 42	1 30	2 3	2 20	0 20	4 45	0 57	6 29	1 57	24 38	0 38	21 42	0 4	15 39	11 56	22 5	21 56	17 36		n.a.
T 10	16 13	22 26	1 35	16 46	0 32	2 0	2 6	2 4	0 21	4 40	0 57	6 29	1 57	24 38	0 38	21 42	0 4	15 40	11 56	22 4	21 55	17 37		n.a.
W11	15 55	21 18	2 36	15 55	0 22	2 30	2 10	1 48	0 21	4 35	0 57	6 29	1 57	24 38	0 38	21 42	0 4	15 41	11 56	22 4	21 54	17 39		n.a.
T 12	15 36	19 4	3 29	15 3	0 12	2 59	2 14	1 32	0 22	4 30	0 57	6 28	1 57	24 38	0 38	21 42	0 4	15 41	11 56	22 3	21 54	17 40		n.a.
F 13	15 18	15 47	4 14	14 10	0 1	3 29	2 18	1 16	0 22	4 24	0 57	6 28	1 57	24 38	0 38	21 42	0 4	15 42	11 56	22 1	21 53	17 41		n.a.
S 14	14 59	11 38	4 45	13 16	0n 9	3 59	2 21	1 1	0 23	4 19	0 57	6 27	1 57	24 38	0 38	21 42	0 4	15 43	11 56	21 59	21 53	17 43		n.a.
S 15	14 40	6 47	5 0	12 21	0 20	4 28	2 25	0 45	0 24	4 14	0 56	6 27	1 57	24 38	0 38	21 42	0 4	15 43	11 56	21 57	21 52	17 44		n.a.
M16	14 21	1 30	4 58	11 25	0 30	4 57	2 28	0 29	0 24	4 8	0 56	6 26	1 57	24 38	0 38	21 42	0 4	15 44	11 56	21 55	21 52	17 45		n.a.
T 17	14 2	3n55	4 37	10 29	0 41	5 26	2 32	0 13	0 25	4 3	0 56	6 25	1 57	24 38	0 38	21 42	0 4	15 45	11 56	21 54	21 51	17 47		n.a.
W18	13 42	9 9	3 59	9 33	0 51	5 55	2 35	0n 3	0 25	3 58	0 56	6 25	1 58	24 38	0 38	21 42	0 4	15 45	11 57	21 52	21 50	17 48		n.a.
T 19	13 22	13 54	3 6	8 37	1 1	6 23	2 39	0 19	0 26	3 52	0 56	6 24	1 58	24 38	0 38	21 42	0 4	15 46	11 57	21 51	21 50	17 50		n.a.
F 20	13 3	17 49	2 1	7 41	1 11	6 52	2 42	0 35	0 26	3 47	0 56	6 23	1 58	24 38	0 38	21 42	0 4	15 47	11 57	21 51	21 49	17 51		n.a.
S 21	12 42	20 40	0 49	6 46	1 20	7 20	2 45	0 51	0 27	3 42	0 55	6 23	1 58	24 38	0 38	21 42	0 4	15 47	11 57	21 51	21 49	17 52		n.a.
S 22	12 22	22 13	0s25	5 52	1 29	7 48	2 48	1 7	0 27	3 36	0 55	6 22	1 58	24 38	0 38	21 42	0 4	15 48	11 57	21 51	21 48	17 54		n.a.
M23	12 2	22 22	1 37	4 59	1 38	8 15	2 52	1 22	0 28	3 31	0 55	6 21	1 58	24 38	0 38	21 42	0 4	15 49	11 57	21 51	21 48	17 55		n.a.
T 24	11 41	21 10	2 42	4 7	1 46	8 43	2 55	1 38	0 28	3 25	0 55	6 20	1 58	24 37	0 38	21 42	0 4	15 49	11 57	21 50	21 47	17 56		n.a.
W25	11 20	18 44	3 38	3 16	1 53	9 10	2 58	1 54	0 29	3 20	0 55	6 19	1 58	24 37	0 38	21 42	0 4	15 50	11 57	21 49	21 46	17 58		n.a.
T 26	10 59	15 19	4 20	2 27	2 0	9 36	3 1	2 10	0 29	3 14	0 55	6 18	1 58	24 37	0 38	21 42	0 4	15 51	11 57	21 48	21 46	17 59		n.a.
F 27	10 38	11 10	4 48	1 39	2 7	10 3	3 3	2 26	0 30	3 9	0 55	6 18	1 58	24 37	0 38	21 42	0 4	15 51	11 57	21 46	21 45	18 0		n.a.
S 28	10 17	6 35	5 0	0 52	2 12	10 29	3 6	2 42	0 30	3 3	0 54	6 17	1 58	24 37	0 38	21 42	0 4	15 52	11 57	21 44	21 45	18 2		n.a.
S 29	9 55	1 47	4 56	0 7	2 17	10 55	3 9	2 57	0 31	2 58	0 54	6 16	1 59	24 37	0 38	21 42	0 4	15 53	11 57	21 41	21 44	18 3		n.a.
M30	9 34	2s59	4 38	0n36	2 22	11 20	3 11	3 13	0 31	2 52	0 54	6 15	1 59	24 37	0 38	21 42	0 4	15 53	11 57	21 39	21 43	18 4		n.a.
T 31	9s12	7s33	4s 7	1n18	2n25	11n45	3n14	3n29	0n32	2s47	0s54	6s13	1n59	24n37	0n38	21n42	0n 4	15n54	11n57	21s37	21s43	18s 5		n.a.

Julian Day Number = 199120.5, Delta T = 32h13m35s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'57, Lahiri = -61°12'57 Julian Calendar 1 March 4168 BCE == Greg. Calendar 27 Jan. 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

APRIL 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 28 31	7♓54'14	21♎24	29♓16	22♈54	7♈59	25♓25	20°R 0	24°R27	4♊32	17°R42	4°R15	4♐51	13♏28	n.a.	W 1
T 2	10 32 28	8°51'19	3♏22	0♈44	23°52	8°36	25°38	19♎57	24♊27	4°32	17♍41	4♐ 9	4°48	13°35	n.a.	T 2
F 3	10 36 24	9°48'24	15°12	2° 9	24°50	9°14	25°52	19°55	24°27	4°33	17°39	4° 6	4°44	13°42	n.a.	F 3
S 4	10 40 21	10°45'29	27° 1	3°31	25°47	9°52	26° 5	19°52	24°D27	4°33	17°37	4° 5	4°41	13°48	n.a.	S 4
S 5	10 44 18	11°42'33	8♐52	4°49	26°44	10°29	26°19	19°49	24°27	4°34	17°36	4° 5	4°38	13°55	n.a.	S 5
M 6	10 48 14	12°39'37	20°51	6° 5	27°41	11° 7	26°32	19°46	24°27	4°34	17°34	4° 5	4°35	14° 2	n.a.	M 6
T 7	10 52 11	13°36'40	3♑ 4	7°17	28°36	11°45	26°45	19°43	24°27	4°35	17°33	4° 4	4°32	14° 8	n.a.	T 7
W 8	10 56 7	14°33'43	15°36	8°27	29°32	12°22	26°59	19°40	24°27	4°36	17°31	4° 1	4°29	14°15	n.a.	W 8
T 9	11 0 4	15°30'46	28°30	9°33	0♉27	13° 0	27°12	19°36	24°27	4°36	17°29	3°55	4°25	14°22	n.a.	T 9
F 10	11 4 0	16°27'49	11♒50	10°35	1°21	13°38	27°26	19°33	24°28	4°37	17°28	3°47	4°22	14°28	n.a.	F 10
S 11	11 7 57	17°24'51	25°35	11°35	2°15	14°16	27°39	19°30	24°28	4°38	17°26	3°37	4°19	14°35	n.a.	S 11
S 12	11 11 53	18°21'53	9♓43	12°30	3° 8	14°53	27°53	19°26	24°28	4°39	17°25	3°26	4°16	14°42	n.a.	S 12
M13	11 15 50	19°18'54	24°10	13°23	4° 1	15°31	28° 6	19°23	24°29	4°39	17°23	3°15	4°13	14°48	n.a.	M13
T 14	11 19 47	20°15'55	8♈48	14°11	4°53	16° 9	28°20	19°19	24°29	4°40	17°21	3° 6	4° 9	14°55	n.a.	T 14
W15	11 23 43	21°12'56	23°32	14°56	5°45	16°47	28°34	19°16	24°30	4°41	17°20	2°59	4° 6	15° 2	n.a.	W15
T 16	11 27 40	22° 9'56	8♉12	15°37	6°36	17°24	28°47	19°12	24°31	4°42	17°18	2°54	4° 3	15° 8	n.a.	T 16
F 17	11 31 36	23° 6'56	22°44	16°14	7°26	18° 2	29° 1	19° 8	24°31	4°43	17°16	2°52	4° 0	15°15	n.a.	F 17
S 18	11 35 33	24° 3'56	7♊ 3	16°47	8°16	18°40	29°14	19° 5	24°32	4°44	17°15	2°D52	3°57	15°22	n.a.	S 18
S 19	11 39 29	25° 0'55	21° 8	17°15	9° 4	19°18	29°28	19° 1	24°33	4°45	17°13	2°R53	3°54	15°28	n.a.	S 19
M20	11 43 26	25°57'53	4♋57	17°40	9°53	19°55	29°42	18°57	24°34	4°46	17°12	2°52	3°50	15°35	n.a.	M20
T 21	11 47 23	26°54'51	18°33	18° 0	10°40	20°33	29°55	18°53	24°34	4°47	17°10	2°50	3°47	15°42	n.a.	T 21
W22	11 51 19	27°51'49	1♌54	18°15	11°26	21°11	0♈ 9	18°49	24°35	4°48	17° 8	2°46	3°44	15°48	n.a.	W22
T 23	11 55 16	28°48'47	15° 3	18°26	12°12	21°49	0°22	18°45	24°36	4°49	17° 7	2°40	3°41	15°55	n.a.	T 23
F 24	11 59 12	29°45'44	27°59	18°32	12°57	22°26	0°36	18°41	24°37	4°50	17° 5	2°31	3°38	16° 2	n.a.	F 24
S 25	12 3 9	0♈42'41	10♍43	18°R34	13°41	23° 4	0°50	18°37	24°38	4°52	17° 4	2°21	3°35	16° 8	n.a.	S 25
S 26	12 7 5	1°39'38	23°16	18°31	14°24	23°42	1° 3	18°33	24°40	4°53	17° 2	2°10	3°31	16°15	n.a.	S 26
M27	12 11 2	2°36'35	5♎36	18°24	15° 6	24°20	1°17	18°29	24°41	4°54	17° 1	2° 0	3°28	16°21	n.a.	M27
T 28	12 14 59	3°33'32	17°46	18°12	15°47	24°58	1°30	18°25	24°42	4°55	16°59	1°51	3°25	16°28	n.a.	T 28
W29	12 18 55	4°30'30	29°46	17°56	16°27	25°35	1°44	18°20	24°43	4°56	16°57	1°44	3°22	16°35	n.a.	W29
T 30	12 22 52	5♈27'28	11♏39	17♈36	17♉ 6	26♈13	1♈58	18♎16	24♊45	4♊58	16♍56	1♐40	3♐19	16♏41	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8 s50	11 s44	3 s26	1n57	2n28	12n10	3n16	3n45	0n32	2 s41	0 s54	6 s12	1n59	24n37	0n38	21n42	0n 4	15n54	11n57	21 s35	21 s42	18 s 7		n.a.
T 2	8 28	15 24	2 35	2 35	2 31	12 35	3 18	4 0	0 33	2 36	0 54	6 11	1 59	24 37	0 38	21 43	0 4	15 55	11 57	21 34	21 42	18 8		n.a.
F 3	8 6	18 25	1 38	3 11	2 32	12 59	3 21	4 16	0 33	2 30	0 54	6 10	1 59	24 37	0 38	21 43	0 4	15 56	11 57	21 34	21 41	18 9		n.a.
S 4	7 44	20 39	0 37	3 46	2 33	13 22	3 23	4 32	0 34	2 25	0 53	6 9	1 59	24 37	0 38	21 43	0 4	15 56	11 57	21 34	21 40	18 11		n.a.
S 5	7 22	21 59	0n25	4 18	2 33	13 45	3 25	4 47	0 34	2 19	0 53	6 8	1 59	24 37	0 37	21 43	0 4	15 57	11 57	21 34	21 40	18 12		n.a.
M 6	7 0	22 20	1 28	4 48	2 32	14 8	3 26	5 3	0 35	2 14	0 53	6 7	1 59	24 37	0 37	21 43	0 4	15 58	11 57	21 34	21 39	18 13		n.a.
T 7	6 37	21 37	2 27	5 16	2 31	14 30	3 28	5 19	0 35	2 8	0 53	6 5	1 59	24 37	0 37	21 43	0 4	15 58	11 57	21 33	21 39	18 14		n.a.
W 8	6 15	19 50	3 21	5 42	2 29	14 52	3 30	5 34	0 36	2 2	0 53	6 4	1 59	24 37	0 37	21 43	0 4	15 59	11 57	21 33	21 38	18 16		n.a.
T 9	5 52	17 1	4 7	6 7	2 26	15 14	3 31	5 50	0 36	1 57	0 53	6 3	1 59	24 37	0 37	21 43	0 4	15 59	11 57	21 32	21 37	18 17		n.a.
F 10	5 29	13 15	4 40	6 28	2 22	15 35	3 33	6 5	0 37	1 51	0 53	6 1	1 59	24 37	0 37	21 44	0 4	16 0	11 56	21 30	21 37	18 18		n.a.
S 11	5 6	8 40	4 59	6 48	2 18	15 55	3 34	6 21	0 37	1 45	0 53	6 0	1 59	24 37	0 37	21 44	0 4	16 1	11 56	21 28	21 36	18 19		n.a.
S 12	4 44	3 32	5 0	7 6	2 13	16 15	3 35	6 36	0 38	1 40	0 52	5 59	1 59	24 37	0 37	21 44	0 4	16 1	11 56	21 26	21 36	18 21		n.a.
M13	4 21	1n55	4 42	7 21	2 7	16 35	3 36	6 51	0 38	1 34	0 52	5 57	2 0	24 37	0 37	21 44	0 4	16 2	11 56	21 24	21 35	18 22		n.a.
T 14	3 58	7 20	4 6	7 35	2 0	16 54	3 36	7 7	0 39	1 29	0 52	5 56	2 0	24 37	0 37	21 44	0 4	16 2	11 56	21 22	21 34	18 23		n.a.
W15	3 35	12 21	3 13	7 46	1 52	17 12	3 37	7 22	0 39	1 23	0 52	5 55	2 0	24 37	0 37	21 44	0 4	16 3	11 56	21 21	21 34	18 24		n.a.
T 16	3 12	16 38	2 7	7 54	1 44	17 30	3 37	7 37	0 39	1 17	0 52	5 53	2 0	24 37	0 37	21 45	0 4	16 3	11 56	21 20	21 33	18 26		n.a.
F 17	2 48	19 50	0 54	8 0	1 35	17 48	3 38	7 53	0 40	1 12	0 52	5 52	2 0	24 37	0 37	21 45	0 4	16 4	11 56	21 19	21 33	18 27		n.a.
S 18	2 25	21 44	0s22	8 4	1 25	18 4	3 38	8 8	0 40	1 6	0 52	5 50	2 0	24 37	0 37	21 45	0 4	16 4	11 56	21 19	21 32	18 28		n.a.
S 19	2 2	22 13	1 36	8 6	1 14	18 21	3 38	8 23	0 41	1 0	0 52	5 49	2 0	24 37	0 37	21 45	0 4	16 5	11 55	21 19	21 31	18 29		n.a.
M20	1 39	21 19	2 42	8 5	1 3	18 36	3 37	8 38	0 41	0 55	0 52	5 47	2 0	24 37	0 37	21 45	0 4	16 5	11 55	21 19	21 31	18 30		n.a.
T 21	1 16	19 11	3 38	8 2	0 51	18 51	3 37	8 53	0 42	0 49	0 51	5 46	2 0	24 37	0 37	21 46	0 4	16 6	11 55	21 19	21 30	18 32		n.a.
W22	0 52	16 3	4 21	7 56	0 38	19 6	3 36	9 8	0 42	0 43	0 51	5 44	2 0	24 37	0 37	21 46	0 4	16 6	11 55	21 18	21 29	18 33		n.a.
T 23	0 29	12 10	4 50	7 48	0 25	19 20	3 35	9 23	0 42	0 38	0 51	5 43	2 0	24 37	0 37	21 46	0 4	16 7	11 55	21 17	21 29	18 34		n.a.
F 24	0 6	7 47	5 3	7 38	0 11	19 33	3 34	9 38	0 43	0 32	0 51	5 41	2 0	24 37	0 37	21 46	0 4	16 7	11 55	21 15	21 28	18 35		n.a.
S 25	0n17	3 8	5 1	7 25	0s 4	19 46	3 33	9 53	0 43	0 26	0 51	5 39	2 0	24 37	0 37	21 46	0 4	16 8	11 54	21 13	21 28	18 36		n.a.
S 26	0 41	1 s35	4 44	7 10	0 19	19 58	3 31	10 8	0 44	0 21	0 51	5 38	2 0	24 37	0 37	21 47	0 4	16 8	11 54	21 11	21 27	18 38		n.a.
M27	1 4	6 9	4 14	6 53	0 34	20 9	3 30	10 22	0 44	0 15	0 51	5 36	2 0	24 37	0 37	21 47	0 4	16 9	11 54	21 9	21 26	18 39		n.a.
T 28	1 27	10 25	3 33	6 34	0 50	20 20	3 28	10 37	0 44	0 9	0 51	5 35	2 0	24 37	0 37	21 47	0 4	16 9	11 54	21 7	21 26	18 40		n.a.
W29	1 50	14 13	2 42	6 13	1 6	20 29	3 25	10 51	0 45	0 4	0 51	5 33	2 0	24 37	0 37	21 47	0 4	16 10	11 54	21 5	21 25	18 41		n.a.
T 30	2n14	17 s25	1 s45	5n51	1 s22	20n39	3n23	11n 6	0n45	0n 2	0 s51	5 s31	2n 0	24n37	0n37	21n48	0n 4	16n10	11n53	21 s 4	21 s25	18 s42		n.a.

Julian Day Number = 199151.5, Delta T = 32h13m31s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'53, Lahiri = -61°12'52 Julian Calendar 1 Apr. 4168 BCE == Greg. Calendar 27 Feb. 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

MAY 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 26 48	6♈24'26	23♏27	17°R12	17♉43	26♈51	2♈11	18°R12	24♊46	4♊59	16°R54	1°R38	3♐15	16♏48	n.a.	F 1
S 2	12 30 45	7°21'25	5♐14	16♈45	18°20	27°29	2°25	18♎ 8	24°47	5° 0	16♍53	1°D37	3°12	16°55	n.a.	S 2
S 3	12 34 41	8°18'24	17° 5	16°14	18°55	28° 7	2°38	18° 3	24°49	5° 2	16°51	1♐38	3° 9	17° 1	n.a.	S 3
M 4	12 38 38	9°15'24	29° 4	15°41	19°29	28°45	2°52	17°59	24°50	5° 3	16°50	1°39	3° 6	17° 8	n.a.	M 4
T 5	12 42 35	10°12'25	11♑16	15° 6	20° 2	29°22	3° 5	17°55	24°52	5° 5	16°49	1°R40	3° 3	17°15	n.a.	T 5
W 6	12 46 31	11° 9'26	23°47	14°29	20°34	0♉ 0	3°19	17°50	24°54	5° 6	16°47	1°39	3° 0	17°21	n.a.	W 6
T 7	12 50 28	12° 6'28	6♒41	13°52	21° 4	0°38	3°33	17°46	24°55	5° 8	16°46	1°36	2°56	17°28	n.a.	T 7
F 8	12 54 24	13° 3'31	20° 1	13°13	21°33	1°16	3°46	17°41	24°57	5° 9	16°44	1°32	2°53	17°35	n.a.	F 8
S 9	12 58 21	14° 0'35	3♓49	12°36	22° 0	1°54	4° 0	17°37	24°59	5°11	16°43	1°25	2°50	17°41	n.a.	S 9
S 10	13 2 18	14°57'39	18° 4	11°59	22°25	2°32	4°13	17°33	25° 0	5°12	16°41	1°19	2°47	17°48	n.a.	S 10
M11	13 6 14	15°54'44	2♈42	11°24	22°49	3°10	4°26	17°28	25° 2	5°14	16°40	1°12	2°44	17°55	n.a.	M11
T 12	13 10 11	16°51'50	17°36	10°51	23°12	3°48	4°40	17°24	25° 4	5°15	16°39	1° 6	2°40	18° 1	n.a.	T 12
W13	13 14 7	17°48'57	2♉38	10°21	23°32	4°26	4°53	17°19	25° 6	5°17	16°37	1° 1	2°37	18° 8	n.a.	W13
T 14	13 18 4	18°46'04	17°38	9°55	23°51	5° 4	5° 7	17°15	25° 8	5°19	16°36	0°59	2°34	18°15	n.a.	T 14
F 15	13 22 0	19°43'12	2♊30	9°32	24° 8	5°42	5°20	17°10	25°10	5°20	16°35	0°D58	2°31	18°21	n.a.	F 15
S 16	13 25 57	20°40'20	17° 5	9°14	24°23	6°20	5°34	17° 6	25°12	5°22	16°34	0°59	2°28	18°28	n.a.	S 16
S 17	13 29 54	21°37'29	1♋21	9° 1	24°36	6°58	5°47	17° 2	25°14	5°24	16°32	1° 0	2°25	18°35	n.a.	S 17
M18	13 33 50	22°34'39	15°16	8°52	24°47	7°36	6° 0	16°57	25°17	5°25	16°31	1° 1	2°21	18°41	n.a.	M18
T 19	13 37 47	23°31'49	28°50	8°D49	24°56	8°14	6°13	16°53	25°19	5°27	16°30	1°R 1	2°18	18°48	n.a.	T 19
W20	13 41 43	24°28'59	12♌ 4	8°52	25° 3	8°52	6°27	16°48	25°21	5°29	16°29	1° 0	2°15	18°54	n.a.	W20
T 21	13 45 40	25°26'10	25° 1	9° 0	25° 8	9°30	6°40	16°44	25°23	5°31	16°28	0°57	2°12	19° 1	n.a.	T 21
F 22	13 49 36	26°23'22	7♍43	9°14	25°10	10° 8	6°53	16°40	25°26	5°33	16°26	0°52	2° 9	19° 8	n.a.	F 22
S 23	13 53 33	27°20'35	20°11	9°33	25°R10	10°46	7° 6	16°35	25°28	5°34	16°25	0°47	2° 6	19°14	n.a.	S 23
S 24	13 57 30	28°17'49	2♎28	9°59	25° 8	11°24	7°19	16°31	25°31	5°36	16°24	0°42	2° 2	19°21	n.a.	S 24
M25	14 1 26	29°15'03	14°35	10°31	25° 3	12° 2	7°32	16°27	25°33	5°38	16°23	0°36	1°59	19°28	n.a.	M25
T 26	14 5 23	0♉12'19	26°34	11° 8	24°56	12°40	7°46	16°22	25°35	5°40	16°22	0°32	1°56	19°34	n.a.	T 26
W27	14 9 19	1° 9'36	8♏27	11°52	24°47	13°19	7°59	16°18	25°38	5°42	16°21	0°28	1°53	19°41	n.a.	W27
T 28	14 13 16	2° 6'54	20°16	12°41	24°36	13°57	8°12	16°14	25°41	5°44	16°20	0°27	1°50	19°48	n.a.	T 28
F 29	14 17 12	3° 4'13	2♐ 4	13°36	24°22	14°35	8°25	16°10	25°43	5°46	16°19	0°D26	1°46	19°54	n.a.	F 29
S 30	14 21 9	4° 1'34	13°52	14°37	24° 5	15°13	8°37	16° 6	25°46	5°48	16°18	0°27	1°43	20° 1	n.a.	S 30
S 31	14 25 6	4♉58'56	25♐44	15♈43	23♉47	15♉51	8♈50	16♎ 2	25♊49	5♊50	16♍17	0♐28	1♐40	20♏ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n37	19s52	0s44	5n27	1s38	20n47	3n20	11n20	0n46	0n 7	0s51	5s30	2n 0	24n37	0n37	21n48	0n 4	16n10	11n53	21s 4	21s24	18s43		n.a.
S 2	3 0	21 27	0n20	5 2	1 53	20 55	3 17	11 35	0 46	0 13	0 50	5 28	2 0	24 37	0 37	21 48	0 4	16 11	11 53	21 4	21 23	18 45		n.a.
S 3	3 23	22 6	1 22	4 35	2 9	21 2	3 14	11 49	0 46	0 19	0 50	5 26	2 0	24 37	0 37	21 48	0 4	16 11	11 53	21 4	21 23	18 46		n.a.
M 4	3 46	21 44	2 23	4 9	2 24	21 9	3 11	12 3	0 47	0 24	0 50	5 25	2 0	24 37	0 37	21 49	0 4	16 12	11 53	21 4	21 22	18 47		n.a.
T 5	4 9	20 21	3 17	3 42	2 38	21 14	3 7	12 18	0 47	0 30	0 50	5 23	2 0	24 37	0 37	21 49	0 4	16 12	11 52	21 4	21 21	18 48		n.a.
W 6	4 32	17 57	4 4	3 15	2 51	21 19	3 3	12 32	0 48	0 35	0 50	5 21	2 0	24 37	0 37	21 49	0 4	16 12	11 52	21 4	21 21	18 49		n.a.
T 7	4 55	14 37	4 40	2 48	3 4	21 23	2 58	12 46	0 48	0 41	0 50	5 20	1 59	24 37	0 37	21 50	0 4	16 13	11 52	21 4	21 20	18 50		n.a.
F 8	5 18	10 27	5 2	2 23	3 15	21 26	2 53	13 0	0 48	0 47	0 50	5 18	1 59	24 37	0 37	21 50	0 4	16 13	11 51	21 3	21 19	18 51		n.a.
S 9	5 41	5 37	5 8	1 58	3 26	21 29	2 48	13 14	0 49	0 52	0 50	5 16	1 59	24 38	0 37	21 50	0 4	16 13	11 51	21 2	21 19	18 52		n.a.
S 10	6 3	0 20	4 56	1 35	3 35	21 31	2 43	13 28	0 49	0 58	0 50	5 15	1 59	24 38	0 37	21 50	0 4	16 14	11 51	21 0	21 18	18 54		n.a.
M11	6 26	5n 7	4 24	1 14	3 42	21 31	2 37	13 41	0 50	1 3	0 50	5 13	1 59	24 38	0 37	21 51	0 4	16 14	11 51	20 59	21 18	18 55		n.a.
T 12	6 48	10 22	3 33	0 55	3 49	21 31	2 31	13 55	0 50	1 9	0 50	5 11	1 59	24 38	0 37	21 51	0 4	16 14	11 50	20 57	21 17	18 56		n.a.
W13	7 11	15 2	2 28	0 39	3 54	21 31	2 25	14 8	0 50	1 14	0 50	5 10	1 59	24 38	0 37	21 51	0 4	16 14	11 50	20 56	21 16	18 57		n.a.
T 14	7 33	18 43	1 12	0 25	3 57	21 29	2 18	14 22	0 51	1 20	0 50	5 8	1 59	24 38	0 37	21 52	0 4	16 15	11 50	20 56	21 16	18 58		n.a.
F 15	7 55	21 7	0s 8	0 14	3 59	21 26	2 10	14 35	0 51	1 25	0 49	5 6	1 59	24 38	0 36	21 52	0 4	16 15	11 49	20 56	21 15	18 59		n.a.
S 16	8 17	22 2	1 27	0 6	3 59	21 23	2 3	14 49	0 51	1 31	0 49	5 5	1 59	24 38	0 36	21 52	0 4	16 15	11 49	20 56	21 14	19 0		n.a.
S 17	8 39	21 29	2 38	0 2	3 59	21 18	1 55	15 2	0 52	1 36	0 49	5 3	1 59	24 38	0 36	21 53	0 4	16 15	11 49	20 56	21 14	19 1		n.a.
M18	9 1	19 36	3 38	0 1	3 56	21 13	1 46	15 15	0 52	1 42	0 49	5 1	1 59	24 38	0 36	21 53	0 4	16 16	11 48	20 56	21 13	19 2		n.a.
T 19	9 23	16 40	4 24	0 3	3 53	21 7	1 38	15 28	0 52	1 47	0 49	5 0	1 59	24 38	0 36	21 53	0 4	16 16	11 48	20 56	21 12	19 3		n.a.
W20	9 45	12 56	4 55	0 8	3 48	21 0	1 29	15 41	0 53	1 53	0 49	4 58	1 59	24 38	0 36	21 54	0 4	16 16	11 48	20 56	21 12	19 4		n.a.
T 21	10 6	8 41	5 10	0 17	3 42	20 52	1 19	15 54	0 53	1 58	0 49	4 56	1 58	24 38	0 36	21 54	0 4	16 16	11 47	20 55	21 11	19 6		n.a.
F 22	10 28	4 9	5 10	0 29	3 35	20 42	1 9	16 7	0 53	2 4	0 49	4 55	1 58	24 38	0 36	21 54	0 4	16 16	11 47	20 55	21 10	19 7		n.a.
S 23	10 49	0s30	4 54	0 44	3 27	20 32	0 59	16 19	0 54	2 9	0 49	4 53	1 58	24 38	0 36	21 55	0 4	16 16	11 47	20 53	21 10	19 8		n.a.
S 24	11 10	5 3	4 26	1 2	3 18	20 21	0 48	16 32	0 54	2 14	0 49	4 52	1 58	24 38	0 36	21 55	0 5	16 17	11 46	20 52	21 9	19 9		n.a.
M25	11 31	9 21	3 45	1 24	3 9	20 9	0 37	16 44	0 54	2 20	0 49	4 50	1 58	24 38	0 36	21 55	0 5	16 17	11 46	20 51	21 9	19 10		n.a.
T 26	11 52	13 14	2 55	1 48	2 58	19 56	0 25	16 57	0 55	2 25	0 49	4 48	1 58	24 39	0 36	21 56	0 5	16 17	11 46	20 50	21 8	19 11		n.a.
W27	12 12	16 34	1 58	2 16	2 47	19 43	0 13	17 9	0 55	2 30	0 49	4 47	1 58	24 39	0 36	21 56	0 5	16 17	11 45	20 49	21 7	19 12		n.a.
T 28	12 33	19 12	0 56	2 46	2 36	19 28	0 1	17 21	0 55	2 36	0 49	4 45	1 58	24 39	0 36	21 56	0 5	16 17	11 45	20 49	21 7	19 13		n.a.
F 29	12 53	21 1	0n 9	3 19	2 24	19 12	0s12	17 33	0 56	2 41	0 49	4 44	1 57	24 39	0 36	21 57	0 5	16 17	11 45	20 49	21 6	19 14		n.a.
S 30	13 13	21 54	1 13	3 55	2 11	18 55	0 25	17 45	0 56	2 46	0 49	4 42	1 57	24 39	0 36	21 57	0 5	16 17	11 44	20 49	21 5	19 15		n.a.
S 31	13n33	21s48	2n15	4n33	1s58	18n38	0s38	17n57	0n56	2n51	0s49	4s41	1n57	24n39	0n36	21n58	0n 5	16n17	11n44	20s49	21s 5	19s16		n.a.

Julian Day Number = 199181.5, Delta T = 32h13m28s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'49, Lahiri = -61°12'48 Julian Calendar 1 May 4168 BCE == Greg. Calendar 29 March 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

JUNE 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 29 2	5♉56'20	7♋45	16♈55	23°R26	16♉29	9♈ 3	15°R58	25♊51	5♊52	16°R16	0♐30	1♐37	20♏14	n.a.	M 1
T 2	14 32 59	6°53'45	19°58	18°12	23♉ 3	17° 8	9°16	15♎54	25°54	5°54	16♍15	0°31	1°34	20°21	n.a.	T 2
W 3	14 36 55	7°51'12	2♒28	19°33	22°38	17°46	9°29	15°50	25°57	5°56	16°15	0°R32	1°31	20°28	n.a.	W 3
T 4	14 40 52	8°48'41	15°18	21° 0	22°11	18°24	9°41	15°46	26° 0	5°58	16°14	0°32	1°27	20°34	n.a.	T 4
F 5	14 44 48	9°46'11	28°34	22°32	21°42	19° 3	9°54	15°42	26° 3	6° 0	16°13	0°31	1°24	20°41	n.a.	F 5
S 6	14 48 45	10°43'43	12♓16	24° 7	21°12	19°41	10° 7	15°38	26° 6	6° 2	16°12	0°29	1°21	20°48	n.a.	S 6
S 7	14 52 42	11°41'16	26°26	25°47	20°40	20°19	10°19	15°34	26° 8	6° 4	16°11	0°27	1°18	20°54	n.a.	S 7
M 8	14 56 38	12°38'51	11♈ 1	27°31	20° 7	20°58	10°32	15°31	26°11	6° 6	16°11	0°25	1°15	21° 1	n.a.	M 8
T 9	15 0 35	13°36'28	25°56	29°18	19°33	21°36	10°44	15°27	26°14	6° 8	16°10	0°23	1°11	21° 7	n.a.	T 9
W10	15 4 31	14°34'07	11♉ 4	1♉ 8	18°58	22°14	10°56	15°23	26°17	6°10	16° 9	0°21	1° 8	21°14	n.a.	W10
T 11	15 8 28	15°31'48	26°16	3° 0	18°22	22°53	11° 9	15°20	26°21	6°12	16° 9	0°D21	1° 5	21°21	n.a.	T 11
F 12	15 12 24	16°29'30	11♊21	4°55	17°46	23°31	11°21	15°16	26°24	6°14	16° 8	0°21	1° 2	21°27	n.a.	F 12
S 13	15 16 21	17°27'13	26°12	6°52	17° 9	24°10	11°33	15°13	26°27	6°16	16° 8	0°22	0°59	21°34	n.a.	S 13
S 14	15 20 18	18°24'58	10♋43	8°51	16°33	24°48	11°45	15°10	26°30	6°19	16° 7	0°23	0°56	21°41	n.a.	S 14
M15	15 24 14	19°22'44	24°49	10°50	15°56	25°26	11°57	15° 6	26°33	6°21	16° 7	0°24	0°52	21°47	n.a.	M15
T 16	15 28 11	20°20'32	8♌29	12°51	15°21	26° 5	12° 9	15° 3	26°36	6°23	16° 6	0°24	0°49	21°54	n.a.	T 16
W17	15 32 7	21°18'21	21°45	14°52	14°45	26°43	12°21	15° 0	26°40	6°25	16° 6	0°R24	0°46	22° 1	n.a.	W17
T 18	15 36 4	22°16'12	4♍39	16°53	14°11	27°22	12°33	14°57	26°43	6°27	16° 5	0°24	0°43	22° 7	n.a.	T 18
F 19	15 40 0	23°14'04	17°13	18°54	13°38	28° 1	12°45	14°54	26°46	6°29	16° 5	0°24	0°40	22°14	n.a.	F 19
S 20	15 43 57	24°11'58	29°32	20°55	13° 6	28°39	12°57	14°51	26°50	6°32	16° 5	0°23	0°37	22°21	n.a.	S 20
S 21	15 47 53	25° 9'53	11♎39	22°55	12°35	29°18	13° 9	14°48	26°53	6°34	16° 4	0°22	0°33	22°27	n.a.	S 21
M22	15 51 50	26° 7'50	23°36	24°55	12° 7	29°56	13°20	14°45	26°56	6°36	16° 4	0°22	0°30	22°34	n.a.	M22
T 23	15 55 47	27° 5'48	5♏28	26°54	11°40	0♊35	13°32	14°43	27° 0	6°38	16° 4	0°21	0°27	22°41	n.a.	T 23
W24	15 59 43	28° 3'49	17°17	28°52	11°15	1°14	13°43	14°40	27° 3	6°40	16° 4	0°21	0°24	22°47	n.a.	W24
T 25	16 3 40	29° 1'51	29° 5	0♊49	10°52	1°52	13°55	14°38	27° 6	6°43	16° 3	0°D21	0°21	22°54	n.a.	T 25
F 26	16 7 36	29°59'56	10♐54	2°45	10°31	2°31	14° 6	14°35	27°10	6°45	16° 3	0°R21	0°17	23° 0	n.a.	F 26
S 27	16 11 33	0♊58'02	22°47	4°40	10°12	3°10	14°17	14°33	27°13	6°47	16° 3	0°21	0°14	23° 7	n.a.	S 27
S 28	16 15 29	1°56'11	4♋46	6°33	9°56	3°48	14°28	14°30	27°17	6°49	16° 3	0°21	0°11	23°14	n.a.	S 28
M29	16 19 26	2°54'21	16°54	8°26	9°42	4°27	14°39	14°28	27°20	6°51	16° 3	0°21	0° 8	23°20	n.a.	M29
T 30	16 23 22	3♊52'34	29♋13	10♊17	9♉31	5♊ 6	14♈50	14♎26	27♊24	6♊54	16°D 3	0♐20	0♐ 5	23♏27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n52	20s42	3n11	5n13	1s45	18n19	0s52	18n 8	0n57	2n57	0s49	4s39	1n57	24n39	0n36	21n58	0n 5	16n17	11n43	20s50	21s 4	19s17		n.a.
T 2	14 12	18 37	4 0	5 55	1 32	18 0	1 5	18 20	0 57	3 2	0 49	4 38	1 57	24 39	0 36	21 58	0 5	16 17	11 43	20 50	21 3	19 18		n.a.
W 3	14 31	15 38	4 39	6 39	1 19	17 40	1 19	18 31	0 57	3 7	0 48	4 37	1 57	24 39	0 36	21 59	0 5	16 17	11 43	20 50	21 3	19 19		n.a.
T 4	14 50	11 51	5 5	7 25	1 5	17 19	1 34	18 43	0 58	3 12	0 48	4 35	1 57	24 39	0 36	21 59	0 5	16 17	11 42	20 50	21 2	19 20		n.a.
F 5	15 9	7 23	5 16	8 12	0 52	16 58	1 48	18 54	0 58	3 17	0 48	4 34	1 56	24 39	0 36	21 59	0 5	16 17	11 42	20 50	21 1	19 21		n.a.
S 6	15 27	2 24	5 9	9 1	0 39	16 36	2 2	19 5	0 58	3 22	0 48	4 32	1 56	24 39	0 36	22 0	0 5	16 17	11 41	20 50	21 1	19 22		n.a.
S 7	15 46	2n52	4 44	9 50	0 26	16 14	2 16	19 16	0 58	3 28	0 48	4 31	1 56	24 39	0 36	22 0	0 5	16 17	11 41	20 49	21 0	19 23		n.a.
M 8	16 4	8 9	4 0	10 40	0 14	15 52	2 31	19 27	0 59	3 33	0 48	4 30	1 56	24 39	0 36	22 1	0 5	16 17	11 40	20 49	20 59	19 24		n.a.
T 9	16 22	13 4	2 59	11 31	0 1	15 29	2 45	19 37	0 59	3 38	0 48	4 29	1 56	24 40	0 36	22 1	0 5	16 17	11 40	20 48	20 59	19 25		n.a.
W10	16 40	17 13	1 45	12 21	0n10	15 5	2 59	19 48	0 59	3 43	0 48	4 27	1 56	24 40	0 36	22 1	0 5	16 16	11 40	20 48	20 58	19 26		n.a.
T 11	16 57	20 14	0 23	13 12	0 21	14 42	3 12	19 58	1 0	3 48	0 48	4 26	1 55	24 40	0 36	22 2	0 5	16 16	11 39	20 48	20 57	19 27		n.a.
F 12	17 14	21 46	1s 1	14 2	0 32	14 19	3 26	20 9	1 0	3 53	0 48	4 25	1 55	24 40	0 36	22 2	0 5	16 16	11 39	20 48	20 57	19 28		n.a.
S 13	17 31	21 45	2 19	14 51	0 42	13 56	3 39	20 19	1 0	3 58	0 48	4 24	1 55	24 40	0 36	22 2	0 5	16 16	11 38	20 48	20 56	19 29		n.a.
S 14	17 47	20 15	3 26	15 39	0 51	13 34	3 52	20 29	1 1	4 2	0 48	4 22	1 55	24 40	0 36	22 3	0 5	16 16	11 38	20 48	20 55	19 30		n.a.
M15	18 4	17 32	4 19	16 27	1 0	13 11	4 4	20 39	1 1	4 7	0 48	4 21	1 55	24 40	0 36	22 3	0 5	16 16	11 37	20 48	20 55	19 31		n.a.
T 16	18 20	13 55	4 55	17 12	1 8	12 50	4 16	20 48	1 1	4 12	0 48	4 20	1 55	24 40	0 36	22 4	0 5	16 15	11 37	20 48	20 54	19 31		n.a.
W17	18 36	9 42	5 14	17 57	1 15	12 28	4 27	20 58	1 1	4 17	0 48	4 19	1 54	24 40	0 36	22 4	0 5	16 15	11 37	20 49	20 53	19 32		n.a.
T 18	18 51	5 11	5 17	18 39	1 22	12 8	4 38	21 7	1 2	4 22	0 48	4 18	1 54	24 40	0 36	22 4	0 5	16 15	11 36	20 48	20 52	19 33		n.a.
F 19	19 6	0 32	5 4	19 20	1 28	11 48	4 48	21 17	1 2	4 26	0 48	4 17	1 54	24 40	0 36	22 5	0 5	16 15	11 36	20 48	20 52	19 34		n.a.
S 20	19 21	4s 2	4 38	19 58	1 33	11 30	4 57	21 26	1 2	4 31	0 48	4 16	1 54	24 40	0 36	22 5	0 5	16 14	11 35	20 48	20 51	19 35		n.a.
S 21	19 35	8 23	3 59	20 35	1 37	11 12	5 6	21 35	1 2	4 36	0 48	4 15	1 54	24 40	0 36	22 6	0 5	16 14	11 35	20 48	20 50	19 36		n.a.
M22	19 50	12 21	3 10	21 9	1 41	10 55	5 14	21 44	1 3	4 41	0 48	4 14	1 53	24 40	0 36	22 6	0 5	16 14	11 34	20 48	20 50	19 37		n.a.
T 23	20 3	15 49	2 14	21 41	1 44	10 40	5 22	21 52	1 3	4 45	0 48	4 13	1 53	24 41	0 36	22 6	0 5	16 13	11 34	20 48	20 49	19 38		n.a.
W24	20 17	18 37	1 12	22 11	1 46	10 25	5 29	22 1	1 3	4 50	0 48	4 13	1 53	24 41	0 36	22 7	0 5	16 13	11 33	20 48	20 48	19 39		n.a.
T 25	20 30	20 38	0 7	22 39	1 48	10 12	5 35	22 9	1 3	4 54	0 48	4 12	1 53	24 41	0 36	22 7	0 5	16 13	11 33	20 48	20 48	19 40		n.a.
F 26	20 43	21 45	0n58	23 4	1 49	10 0	5 41	22 17	1 4	4 59	0 48	4 11	1 53	24 41	0 36	22 8	0 5	16 12	11 32	20 48	20 47	19 41		n.a.
S 27	20 56	21 53	2 2	23 28	1 50	9 50	5 46	22 25	1 4	5 3	0 48	4 10	1 52	24 41	0 36	22 8	0 5	16 12	11 32	20 48	20 46	19 41		n.a.
S 28	21 8	21 2	3 0	23 49	1 50	9 41	5 50	22 33	1 4	5 8	0 48	4 10	1 52	24 41	0 36	22 8	0 5	16 12	11 32	20 48	20 46	19 42		n.a.
M29	21 20	19 11	3 51	24 7	1 49	9 33	5 54	22 41	1 4	5 12	0 48	4 9	1 52	24 41	0 36	22 9	0 5	16 11	11 31	20 48	20 45	19 43		n.a.
T 30	21n31	16s27	4n32	24n24	1n48	9n26	5s57	22n49	1n 5	5n16	0s48	4s 8	1n52	24n41	0n36	22n 9	0n 5	16n11	11n31	20s48	20s44	19s44		n.a.

Julian Day Number = 199212.5, Delta T = 32h13m25s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'45, Lahiri = -61°12'44 Julian Calendar 1 June 4168 BCE == Greg. Calendar 29 Apr. 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

JULY 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 27 19	4♊50'49	11♒46	12♊ 8	9°R22	5♊45	15♈ 1	14°R24	27♊28	6♊56	16♍ 3	0°R20	0♐ 2	23♏34	n.a.	W 1
T 2	16 31 16	5°49'06	24°37	13°57	9♉15	6°24	15°12	14♎22	27°31	6°58	16° 3	0♐19	29♏58	23°40	n.a.	T 2
F 3	16 35 12	6°47'26	7♓48	15°44	9°11	7° 2	15°23	14°20	27°35	7° 0	16° 3	0°D19	29°55	23°47	n.a.	F 3
S 4	16 39 9	7°45'48	21°22	17°31	9°D 9	7°41	15°33	14°18	27°38	7° 3	16° 3	0°19	29°52	23°54	n.a.	S 4
S 5	16 43 5	8°44'12	5♈20	19°17	9° 9	8°20	15°44	14°17	27°42	7° 5	16° 3	0°20	29°49	24° 0	n.a.	S 5
M 6	16 47 2	9°42'39	19°42	21° 1	9°12	8°59	15°54	14°15	27°46	7° 7	16° 4	0°21	29°46	24° 7	n.a.	M 6
T 7	16 50 58	10°41'08	4♉25	22°44	9°17	9°38	16° 5	14°14	27°49	7° 9	16° 4	0°22	29°43	24°14	n.a.	T 7
W 8	16 54 55	11°39'40	19°23	24°26	9°25	10°17	16°15	14°12	27°53	7°12	16° 4	0°22	29°39	24°20	n.a.	W 8
T 9	16 58 51	12°38'14	4♊30	26° 7	9°34	10°56	16°25	14°11	27°57	7°14	16° 4	0°R22	29°36	24°27	n.a.	T 9
F 10	17 2 48	13°36'50	19°37	27°46	9°46	11°35	16°35	14°10	28° 0	7°16	16° 5	0°22	29°33	24°34	n.a.	F 10
S 11	17 6 44	14°35'29	4♋34	29°25	9°59	12°14	16°45	14° 9	28° 4	7°18	16° 5	0°21	29°30	24°40	n.a.	S 11
S 12	17 10 41	15°34'09	19°13	1♌ 3	10°15	12°53	16°55	14° 8	28° 8	7°20	16° 5	0°19	29°27	24°47	n.a.	S 12
M13	17 14 38	16°32'51	3♌30	2°39	10°33	13°33	17° 5	14° 7	28°12	7°23	16° 6	0°17	29°23	24°53	n.a.	M13
T 14	17 18 34	17°31'36	17°19	4°14	10°52	14°12	17°15	14° 6	28°15	7°25	16° 6	0°15	29°20	25° 0	n.a.	T 14
W15	17 22 31	18°30'22	0♍41	5°49	11°14	14°51	17°24	14° 5	28°19	7°27	16° 7	0°13	29°17	25° 7	n.a.	W15
T 16	17 26 27	19°29'10	13°38	7°22	11°37	15°30	17°33	14° 5	28°23	7°29	16° 7	0°D12	29°14	25°13	n.a.	T 16
F 17	17 30 24	20°28'00	26°12	8°54	12° 1	16° 9	17°43	14° 4	28°27	7°31	16° 8	0°12	29°11	25°20	n.a.	F 17
S 18	17 34 20	21°26'53	8♎28	10°25	12°28	16°49	17°52	14° 4	28°30	7°34	16° 8	0°13	29° 8	25°27	n.a.	S 18
S 19	17 38 17	22°25'47	20°30	11°55	12°56	17°28	18° 1	14° 3	28°34	7°36	16° 9	0°15	29° 4	25°33	n.a.	S 19
M20	17 42 13	23°24'43	2♏23	13°24	13°26	18° 7	18°10	14° 3	28°38	7°38	16°10	0°16	29° 1	25°40	n.a.	M20
T 21	17 46 10	24°23'41	14°11	14°52	13°57	18°46	18°19	14° 3	28°42	7°40	16°10	0°18	28°58	25°47	n.a.	T 21
W22	17 50 6	25°22'42	25°59	16°19	14°29	19°26	18°28	14°D 3	28°45	7°42	16°11	0°R19	28°55	25°53	n.a.	W22
T 23	17 54 3	26°21'44	7♐48	17°45	15° 3	20° 5	18°36	14° 3	28°49	7°45	16°12	0°18	28°52	26° 0	n.a.	T 23
F 24	17 57 59	27°20'49	19°43	19° 9	15°39	20°45	18°45	14° 3	28°53	7°47	16°13	0°17	28°49	26° 7	n.a.	F 24
S 25	18 1 56	28°19'56	1♑45	20°33	16°15	21°24	18°53	14° 3	28°57	7°49	16°14	0°14	28°45	26°13	n.a.	S 25
S 26	18 5 53	29°19'06	13°56	21°55	16°53	22° 3	19° 1	14° 4	29° 1	7°51	16°14	0°10	28°42	26°20	n.a.	S 26
M27	18 9 49	0♋18'18	26°17	23°16	17°32	22°43	19° 9	14° 4	29° 4	7°53	16°15	0° 5	28°39	26°27	n.a.	M27
T 28	18 13 46	1°17'32	8♒50	24°36	18°13	23°22	19°17	14° 5	29° 8	7°55	16°16	29♏59	28°36	26°33	n.a.	T 28
W29	18 17 42	2°16'48	21°35	25°54	18°54	24° 2	19°25	14° 5	29°12	7°57	16°17	29°55	28°33	26°40	n.a.	W29
T 30	18 21 39	3°16'07	4♓34	27°11	19°37	24°42	19°33	14° 6	29°16	7°59	16°18	29°51	28°29	26°46	n.a.	T 30
F 31	18 25 35	4♋15'29	17♓49	28♋27	20♉20	25♊21	19♈40	14♎ 7	29♊20	8♊ 1	16♍19	29♏48	28♏26	26♏53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n42	12s55	5n 1	24n38	1n46	9n21	6s 0	22n56	1n 5	5n21	0s48	4s 8	1n51	24n41	0n36	22n10	0n 5	16n10	11n30	20s48	20s44	19s45		n.a.
T 2	21 53	8 43	5 16	24 51	1 44	9 16	6 2	23 3	1 5	5 25	0 48	4 7	1 51	24 41	0 36	22 10	0 5	16 10	11 30	20 47	20 43	19 46		n.a.
F 3	22 3	4 1	5 15	25 1	1 42	9 14	6 4	23 10	1 5	5 29	0 48	4 7	1 51	24 41	0 36	22 10	0 5	16 9	11 29	20 47	20 42	19 47		n.a.
S 4	22 13	1n 1	4 57	25 9	1 39	9 12	6 5	23 17	1 6	5 34	0 48	4 6	1 51	24 41	0 36	22 11	0 5	16 9	11 29	20 47	20 41	19 48		n.a.
S 5	22 23	6 9	4 21	25 16	1 36	9 12	6 5	23 24	1 6	5 38	0 48	4 6	1 51	24 41	0 36	22 11	0 5	16 8	11 28	20 48	20 41	19 48		n.a.
M 6	22 32	11 6	3 27	25 20	1 32	9 12	6 5	23 30	1 6	5 42	0 48	4 5	1 50	24 41	0 36	22 12	0 5	16 8	11 28	20 48	20 40	19 49		n.a.
T 7	22 40	15 31	2 19	25 23	1 28	9 14	6 5	23 37	1 6	5 46	0 48	4 5	1 50	24 42	0 36	22 12	0 5	16 7	11 27	20 48	20 39	19 50		n.a.
W 8	22 49	19 2	1 1	25 24	1 24	9 17	6 4	23 43	1 6	5 50	0 48	4 4	1 50	24 42	0 36	22 12	0 5	16 7	11 27	20 48	20 39	19 51		n.a.
T 9	22 57	21 16	0s23	25 23	1 20	9 21	6 3	23 49	1 7	5 54	0 48	4 4	1 50	24 42	0 36	22 13	0 5	16 6	11 26	20 48	20 38	19 52		n.a.
F 10	23 4	21 57	1 45	25 20	1 15	9 26	6 2	23 55	1 7	5 58	0 48	4 4	1 49	24 42	0 36	22 13	0 5	16 6	11 26	20 48	20 37	19 53		n.a.
S 11	23 11	21 3	2 59	25 16	1 9	9 32	6 0	24 0	1 7	6 2	0 48	4 4	1 49	24 42	0 36	22 14	0 5	16 5	11 25	20 48	20 37	19 53		n.a.
S 12	23 18	18 45	3 59	25 11	1 4	9 39	5 58	24 6	1 7	6 6	0 48	4 3	1 49	24 42	0 36	22 14	0 5	16 5	11 25	20 47	20 36	19 54		n.a.
M13	23 24	15 20	4 43	25 3	0 58	9 47	5 56	24 11	1 7	6 10	0 48	4 3	1 49	24 42	0 36	22 14	0 5	16 4	11 24	20 47	20 35	19 55		n.a.
T 14	23 30	11 11	5 8	24 55	0 52	9 55	5 53	24 16	1 8	6 13	0 48	4 3	1 48	24 42	0 36	22 15	0 5	16 3	11 24	20 46	20 34	19 56		n.a.
W15	23 36	6 37	5 16	24 45	0 46	10 5	5 50	24 21	1 8	6 17	0 48	4 3	1 48	24 42	0 36	22 15	0 5	16 3	11 24	20 46	20 34	19 57		n.a.
T 16	23 41	1 54	5 8	24 34	0 40	10 15	5 47	24 26	1 8	6 21	0 48	4 3	1 48	24 42	0 36	22 16	0 5	16 2	11 23	20 46	20 33	19 57		n.a.
F 17	23 45	2s47	4 45	24 21	0 33	10 26	5 44	24 30	1 8	6 24	0 48	4 3	1 48	24 42	0 36	22 16	0 5	16 1	11 23	20 46	20 32	19 58		n.a.
S 18	23 49	7 14	4 9	24 8	0 26	10 37	5 40	24 34	1 8	6 28	0 48	4 3	1 47	24 42	0 36	22 16	0 5	16 1	11 22	20 46	20 32	19 59		n.a.
S 19	23 53	11 20	3 23	23 53	0 19	10 49	5 36	24 38	1 9	6 32	0 48	4 3	1 47	24 42	0 36	22 17	0 5	16 0	11 22	20 46	20 31	20 0		n.a.
M20	23 56	14 57	2 28	23 37	0 12	11 2	5 32	24 42	1 9	6 35	0 48	4 3	1 47	24 42	0 36	22 17	0 5	15 59	11 21	20 47	20 30	20 1		n.a.
T 21	23 59	17 56	1 28	23 21	0 5	11 16	5 28	24 46	1 9	6 39	0 48	4 4	1 47	24 42	0 36	22 17	0 5	15 59	11 21	20 47	20 29	20 1		n.a.
W22	24 2	20 11	0 24	23 3	0s 2	11 29	5 24	24 50	1 9	6 42	0 48	4 4	1 47	24 42	0 36	22 18	0 5	15 58	11 20	20 47	20 29	20 2		n.a.
T 23	24 3	21 33	0n41	22 44	0 10	11 44	5 19	24 53	1 9	6 45	0 48	4 4	1 46	24 42	0 36	22 18	0 5	15 57	11 20	20 47	20 28	20 3		n.a.
F 24	24 5	21 58	1 45	22 25	0 17	11 59	5 15	24 56	1 10	6 49	0 48	4 4	1 46	24 42	0 36	22 19	0 5	15 57	11 19	20 47	20 27	20 4		n.a.
S 25	24 6	21 22	2 44	22 5	0 25	12 14	5 10	24 59	1 10	6 52	0 48	4 5	1 46	24 42	0 36	22 19	0 5	15 56	11 19	20 46	20 27	20 4		n.a.
S 26	24 6	19 46	3 37	21 44	0 33	12 29	5 5	25 2	1 10	6 55	0 48	4 5	1 46	24 42	0 36	22 19	0 5	15 55	11 18	20 45	20 26	20 5		n.a.
M27	24 7	17 14	4 20	21 22	0 41	12 45	5 0	25 4	1 10	6 58	0 48	4 5	1 45	24 42	0 36	22 20	0 5	15 54	11 18	20 44	20 25	20 6		n.a.
T 28	24 6	13 52	4 52	21 0	0 49	13 2	4 55	25 7	1 10	7 1	0 48	4 6	1 45	24 43	0 36	22 20	0 5	15 53	11 17	20 43	20 24	20 7		n.a.
W29	24 5	9 50	5 9	20 38	0 57	13 18	4 49	25 9	1 10	7 4	0 48	4 6	1 45	24 43	0 36	22 20	0 5	15 53	11 17	20 42	20 24	20 7		n.a.
T 30	24 4	5 17	5 11	20 15	1 5	13 35	4 44	25 11	1 10	7 7	0 48	4 7	1 45	24 43	0 36	22 21	0 5	15 52	11 17	20 41	20 23	20 8		n.a.
F 31	24n 2	0s25	4n57	19n52	1s13	13n52	4s39	25n12	1n11	7n10	0s48	4s 7	1n44	24n43	0n36	22n21	0n 5	15n51	11n16	20s41	20s22	20s 9		n.a.

Julian Day Number = 199242.5, Delta T = 32h13m22s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'41, Lahiri = -61°12'40 Julian Calendar 1 July 4168 BCE == Greg. Calendar 29 May 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

AUGUST 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 29 32	5♋14'53	1♈19	29♋41	21♉ 5	26♊ 1	19♈48	14♎ 8	29♊23	8♊ 3	16♍20	29°D47	28♏23	27♏ 0	n.a.	S 1
S 2	18 33 28	6°14'20	15° 7	0♌53	21°50	26°40	19°55	14° 9	29°27	8° 5	16°21	29♏47	28°20	27° 6	n.a.	S 2
M 3	18 37 25	7°13'49	29°13	2° 4	22°37	27°20	20° 2	14°10	29°31	8° 7	16°22	29°48	28°17	27°13	n.a.	M 3
T 4	18 41 21	8°13'21	13♉36	3°13	23°24	28° 0	20° 9	14°11	29°35	8° 9	16°24	29°49	28°14	27°20	n.a.	T 4
W 5	18 45 18	9°12'56	28°14	4°20	24°12	28°40	20°16	14°13	29°39	8°11	16°25	29°R50	28°10	27°26	n.a.	W 5
T 6	18 49 14	10°12'33	13♊ 2	5°25	25° 1	29°19	20°22	14°14	29°42	8°13	16°26	29°49	28° 7	27°33	n.a.	T 6
F 7	18 53 11	11°12'13	27°53	6°27	25°51	29°59	20°29	14°16	29°46	8°15	16°27	29°47	28° 4	27°40	n.a.	F 7
S 8	18 57 7	12°11'55	12♋41	7°27	26°42	0♋39	20°35	14°17	29°50	8°17	16°28	29°42	28° 1	27°46	n.a.	S 8
S 9	19 1 4	13°11'39	27°17	8°24	27°33	1°19	20°42	14°19	29°53	8°19	16°30	29°36	27°58	27°53	n.a.	S 9
M10	19 5 1	14°11'25	11♌34	9°18	28°25	1°59	20°48	14°21	29°57	8°21	16°31	29°29	27°55	28° 0	n.a.	M10
T 11	19 8 57	15°11'14	25°28	10° 9	29°18	2°39	20°53	14°23	0♋ 1	8°23	16°32	29°21	27°51	28° 6	n.a.	T 11
W12	19 12 54	16°11'04	8♍55	10°56	0♊12	3°19	20°59	14°25	0° 5	8°25	16°34	29°15	27°48	28°13	n.a.	W12
T 13	19 16 50	17°10'56	21°55	11°39	1° 6	3°59	21° 5	14°27	0° 8	8°27	16°35	29°10	27°45	28°20	n.a.	T 13
F 14	19 20 47	18°10'51	4♎32	12°17	2° 0	4°39	21°10	14°29	0°12	8°28	16°37	29° 7	27°42	28°26	n.a.	F 14
S 15	19 24 43	19°10'47	16°49	12°51	2°56	5°19	21°15	14°32	0°16	8°30	16°38	29°D 5	27°39	28°33	n.a.	S 15
S 16	19 28 40	20°10'45	28°51	13°20	3°52	5°59	21°20	14°34	0°19	8°32	16°39	29° 6	27°35	28°39	n.a.	S 16
M17	19 32 36	21°10'45	10♏43	13°42	4°48	6°39	21°25	14°37	0°23	8°34	16°41	29° 7	27°32	28°46	n.a.	M17
T 18	19 36 33	22°10'47	22°31	13°59	5°45	7°19	21°30	14°39	0°26	8°36	16°43	29° 8	27°29	28°53	n.a.	T 18
W19	19 40 29	23°10'51	4♐19	14° 8	6°43	7°59	21°35	14°42	0°30	8°37	16°44	29°R 8	27°26	28°59	n.a.	W19
T 20	19 44 26	24°10'57	16°12	14°R10	7°41	8°40	21°39	14°45	0°34	8°39	16°46	29° 6	27°23	29° 6	n.a.	T 20
F 21	19 48 22	25°11'05	28°13	14° 4	8°40	9°20	21°43	14°48	0°37	8°41	16°47	29° 2	27°20	29°13	n.a.	F 21
S 22	19 52 19	26°11'15	10♑26	13°50	9°39	10° 0	21°47	14°51	0°41	8°42	16°49	28°56	27°16	29°19	n.a.	S 22
S 23	19 56 15	27°11'27	22°51	13°26	10°38	10°40	21°51	14°54	0°44	8°44	16°51	28°47	27°13	29°26	n.a.	S 23
M24	20 0 12	28°11'41	5♒31	12°54	11°38	11°21	21°55	14°57	0°48	8°46	16°52	28°36	27°10	29°33	n.a.	M24
T 25	20 4 9	29°11'57	18°24	12°12	12°39	12° 1	21°58	15° 0	0°51	8°47	16°54	28°25	27° 7	29°39	n.a.	T 25
W26	20 8 5	0♌12'15	1♓29	11°21	13°40	12°41	22° 2	15° 3	0°55	8°49	16°56	28°14	27° 4	29°46	n.a.	W26
T 27	20 12 2	1°12'35	14°47	10°22	14°41	13°22	22° 5	15° 7	0°58	8°50	16°57	28° 5	27° 1	29°53	n.a.	T 27
F 28	20 15 58	2°12'58	28°16	9°16	15°43	14° 2	22° 8	15°10	1° 1	8°52	16°59	27°58	26°57	29°59	n.a.	F 28
S 29	20 19 55	3°13'22	11♈54	8° 4	16°45	14°43	22°10	15°14	1° 5	8°53	17° 1	27°54	26°54	0♐ 6	n.a.	S 29
S 30	20 23 51	4°13'49	25°42	6°48	17°48	15°23	22°13	15°18	1° 8	8°55	17° 3	27°52	26°51	0°13	n.a.	S 30
M31	20 27 48	5♌14'18	9♉40	5♌30	18♊51	16♋ 4	22♈15	15♎21	1♋12	8♊56	17♍ 5	27°D51	26♏48	0♐19	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 0	4n36	4n26	19n28	1s21	14n 9	4s33	25n14	1n11	7n13	0s48	4s 8	1n44	24n43	0n36	22n21	0n 5	15n50	11n16	20s40	20s22	20s 9		n.a.
S 2	23 57	9 29	3 40	19 4	1 29	14 26	4 27	25 15	1 11	7 16	0 48	4 9	1 44	24 43	0 36	22 22	0 5	15 49	11 15	20 40	20 21	20 10		n.a.
M 3	23 54	13 58	2 39	18 41	1 37	14 44	4 22	25 16	1 11	7 18	0 48	4 9	1 44	24 43	0 36	22 22	0 5	15 49	11 15	20 41	20 20	20 11		n.a.
T 4	23 51	17 45	1 27	18 17	1 45	15 1	4 16	25 17	1 11	7 21	0 48	4 10	1 43	24 43	0 36	22 22	0 6	15 48	11 14	20 41	20 19	20 12		n.a.
W 5	23 47	20 28	0 9	17 53	1 53	15 19	4 10	25 18	1 11	7 24	0 48	4 11	1 43	24 43	0 36	22 23	0 6	15 47	11 14	20 41	20 19	20 12		n.a.
T 6	23 42	21 49	1s11	17 30	2 1	15 36	4 4	25 18	1 11	7 26	0 48	4 12	1 43	24 43	0 36	22 23	0 6	15 46	11 14	20 41	20 18	20 13		n.a.
F 7	23 37	21 39	2 27	17 6	2 9	15 54	3 59	25 18	1 12	7 29	0 48	4 12	1 43	24 43	0 36	22 24	0 6	15 45	11 13	20 40	20 17	20 14		n.a.
S 8	23 32	19 59	3 32	16 44	2 17	16 12	3 53	25 18	1 12	7 31	0 48	4 13	1 42	24 43	0 36	22 24	0 6	15 44	11 13	20 39	20 16	20 14		n.a.
S 9	23 26	17 1	4 22	16 22	2 24	16 29	3 47	25 18	1 12	7 34	0 48	4 14	1 42	24 43	0 36	22 24	0 6	15 43	11 12	20 38	20 16	20 15		n.a.
M10	23 20	13 6	4 54	16 0	2 31	16 47	3 41	25 18	1 12	7 36	0 48	4 15	1 42	24 43	0 36	22 25	0 6	15 42	11 12	20 36	20 15	20 16		n.a.
T 11	23 13	8 34	5 8	15 40	2 38	17 5	3 35	25 17	1 12	7 38	0 48	4 16	1 42	24 43	0 36	22 25	0 6	15 41	11 11	20 35	20 14	20 16		n.a.
W12	23 6	3 46	5 5	15 21	2 45	17 22	3 29	25 16	1 12	7 40	0 48	4 17	1 41	24 43	0 36	22 25	0 6	15 40	11 11	20 33	20 14	20 17		n.a.
T 13	22 58	1s 3	4 45	15 3	2 51	17 39	3 23	25 15	1 12	7 43	0 48	4 18	1 41	24 43	0 36	22 25	0 6	15 40	11 11	20 32	20 13	20 18		n.a.
F 14	22 50	5 41	4 12	14 46	2 57	17 56	3 17	25 14	1 12	7 45	0 48	4 19	1 41	24 43	0 36	22 26	0 6	15 39	11 10	20 31	20 12	20 18		n.a.
S 15	22 42	9 59	3 28	14 31	3 2	18 13	3 11	25 13	1 13	7 47	0 48	4 20	1 41	24 43	0 36	22 26	0 6	15 38	11 10	20 31	20 11	20 19		n.a.
S 16	22 33	13 47	2 36	14 19	3 7	18 30	3 4	25 11	1 13	7 49	0 48	4 22	1 41	24 43	0 36	22 26	0 6	15 37	11 9	20 31	20 11	20 20		n.a.
M17	22 23	17 0	1 38	14 8	3 11	18 46	2 58	25 9	1 13	7 50	0 48	4 23	1 40	24 43	0 36	22 27	0 6	15 36	11 9	20 31	20 10	20 20		n.a.
T 18	22 14	19 29	0 36	14 1	3 14	19 3	2 52	25 7	1 13	7 52	0 48	4 24	1 40	24 43	0 36	22 27	0 6	15 35	11 9	20 32	20 9	20 21		n.a.
W19	22 3	21 9	0n28	13 56	3 16	19 19	2 46	25 5	1 13	7 54	0 48	4 25	1 40	24 43	0 36	22 27	0 6	15 34	11 8	20 32	20 8	20 22		n.a.
T 20	21 53	21 52	1 30	13 54	3 17	19 34	2 40	25 2	1 13	7 56	0 48	4 27	1 40	24 43	0 36	22 28	0 6	15 33	11 8	20 31	20 8	20 22		n.a.
F 21	21 42	21 36	2 30	13 56	3 17	19 50	2 34	24 59	1 13	7 57	0 48	4 28	1 39	24 43	0 36	22 28	0 6	15 32	11 7	20 30	20 7	20 23		n.a.
S 22	21 30	20 19	3 23	14 2	3 16	20 5	2 28	24 56	1 13	7 59	0 48	4 29	1 39	24 43	0 36	22 28	0 6	15 31	11 7	20 29	20 6	20 23		n.a.
S 23	21 18	18 3	4 7	14 11	3 13	20 20	2 22	24 53	1 13	8 0	0 48	4 31	1 39	24 43	0 36	22 28	0 6	15 30	11 7	20 27	20 5	20 24		n.a.
M24	21 6	14 54	4 40	14 25	3 8	20 34	2 16	24 50	1 13	8 1	0 48	4 32	1 39	24 43	0 36	22 29	0 6	15 29	11 6	20 25	20 5	20 25		n.a.
T 25	20 53	11 0	4 59	14 43	3 1	20 48	2 10	24 46	1 13	8 3	0 48	4 34	1 38	24 43	0 36	22 29	0 6	15 28	11 6	20 22	20 4	20 25		n.a.
W26	20 40	6 32	5 3	15 6	2 53	21 2	2 4	24 42	1 14	8 4	0 48	4 35	1 38	24 43	0 36	22 29	0 6	15 27	11 6	20 20	20 3	20 26		n.a.
T 27	20 27	1 42	4 51	15 32	2 42	21 15	1 58	24 38	1 14	8 5	0 48	4 37	1 38	24 43	0 36	22 29	0 6	15 26	11 5	20 17	20 2	20 26		n.a.
F 28	20 13	3n17	4 23	16 2	2 30	21 28	1 52	24 34	1 14	8 6	0 48	4 38	1 38	24 43	0 36	22 30	0 6	15 25	11 5	20 16	20 2	20 27		n.a.
S 29	19 59	8 11	3 39	16 35	2 15	21 40	1 46	24 30	1 14	8 7	0 48	4 40	1 38	24 43	0 36	22 30	0 6	15 24	11 5	20 15	20 1	20 28		n.a.
S 30	19 44	12 43	2 43	17 11	1 59	21 52	1 40	24 25	1 14	8 8	0 48	4 42	1 37	24 43	0 37	22 30	0 6	15 23	11 4	20 14	20 0	20 28		n.a.
M31	19n29	16n37	1n35	17n48	1s41	22n 3	1s35	24n20	1n14	8n 9	0s48	4s43	1n37	24n43	0n37	22n30	0n 6	15n21	11n 4	20s14	19s59	20s29		n.a.

Julian Day Number = 199273.5, Delta T = 32h13m18s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'36, Lahiri = -61°12'36 Julian Calendar 1 Aug. 4168 BCE == Greg. Calendar 29 June 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

SEPTEMBER 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 31 44	6♌14'50	23♉47	4°R12	19♊54	16♋45	22♈17	15♎25	1♋15	8♊58	17♍ 7	27°R52	26♏45	0♐26	n.a.	T 1
W 2	20 35 41	7°15'24	8♊ 4	2♌57	20°57	17°25	22°19	15°29	1°18	8°59	17° 9	27♏51	26°41	0°32	n.a.	W 2
T 3	20 39 37	8°15'59	22°26	1°48	22° 1	18° 6	22°21	15°33	1°21	9° 0	17°10	27°49	26°38	0°39	n.a.	T 3
F 4	20 43 34	9°16'37	6♋52	0°46	23° 6	18°47	22°23	15°37	1°25	9° 2	17°12	27°44	26°35	0°46	n.a.	F 4
S 5	20 47 30	10°17'17	21°17	29♋53	24°10	19°27	22°24	15°41	1°28	9° 3	17°14	27°36	26°32	0°52	n.a.	S 5
S 6	20 51 27	11°17'59	5♌34	29°10	25°15	20° 8	22°25	15°46	1°31	9° 4	17°16	27°26	26°29	0°59	n.a.	S 6
M 7	20 55 24	12°18'42	19°38	28°39	26°21	20°49	22°26	15°50	1°34	9° 5	17°18	27°14	26°26	1° 6	n.a.	M 7
T 8	20 59 20	13°19'28	3♍23	28°20	27°26	21°30	22°27	15°55	1°37	9° 7	17°20	27° 2	26°22	1°12	n.a.	T 8
W 9	21 3 17	14°20'14	16°47	28°D13	28°32	22°11	22°28	15°59	1°40	9° 8	17°22	26°50	26°19	1°19	n.a.	W 9
T 10	21 7 13	15°21'02	29°47	28°16	29°38	22°51	22°28	16° 4	1°43	9° 9	17°24	26°40	26°16	1°26	n.a.	T 10
F 11	21 11 10	16°21'52	12♎25	28°31	0♋44	23°32	22°R28	16° 8	1°46	9°10	17°26	26°33	26°13	1°32	n.a.	F 11
S 12	21 15 6	17°22'43	24°43	28°55	1°51	24°13	22°28	16°13	1°49	9°11	17°29	26°29	26°10	1°39	n.a.	S 12
S 13	21 19 3	18°23'35	6♏46	29°29	2°58	24°54	22°28	16°18	1°52	9°12	17°31	26°27	26° 6	1°46	n.a.	S 13
M14	21 22 59	19°24'29	18°38	0♌10	4° 5	25°35	22°28	16°23	1°55	9°13	17°33	26°27	26° 3	1°52	n.a.	M14
T 15	21 26 56	20°25'24	0♐26	0°59	5°12	26°16	22°27	16°27	1°58	9°14	17°35	26°27	26° 0	1°59	n.a.	T 15
W16	21 30 52	21°26'20	12°15	1°55	6°20	26°57	22°26	16°32	2° 1	9°15	17°37	26°26	25°57	2° 6	n.a.	W16
T 17	21 34 49	22°27'18	24° 9	2°56	7°27	27°39	22°25	16°38	2° 3	9°16	17°39	26°23	25°54	2°12	n.a.	T 17
F 18	21 38 46	23°28'16	6♑15	4° 2	8°35	28°20	22°24	16°43	2° 6	9°17	17°41	26°18	25°51	2°19	n.a.	F 18
S 19	21 42 42	24°29'16	18°36	5°12	9°44	29° 1	22°22	16°48	2° 9	9°18	17°44	26°10	25°47	2°25	n.a.	S 19
S 20	21 46 39	25°30'17	1♒14	6°26	10°52	29°42	22°21	16°53	2°11	9°19	17°46	26° 0	25°44	2°32	n.a.	S 20
M21	21 50 35	26°31'19	14°10	7°43	12° 1	0♌23	22°19	16°58	2°14	9°19	17°48	25°47	25°41	2°39	n.a.	M21
T 22	21 54 32	27°32'22	27°24	9° 3	13° 9	1° 5	22°17	17° 4	2°17	9°20	17°50	25°34	25°38	2°45	n.a.	T 22
W23	21 58 28	28°33'27	10♓55	10°25	14°18	1°46	22°15	17° 9	2°19	9°21	17°52	25°20	25°35	2°52	n.a.	W23
T 24	22 2 25	29°34'32	24°38	11°49	15°28	2°27	22°12	17°15	2°22	9°22	17°55	25° 9	25°32	2°59	n.a.	T 24
F 25	22 6 21	0♍35'39	8♈31	13°14	16°37	3° 9	22°10	17°20	2°24	9°22	17°57	25° 0	25°28	3° 5	n.a.	F 25
S 26	22 10 18	1°36'48	22°30	14°41	17°47	3°50	22° 7	17°26	2°26	9°23	17°59	24°54	25°25	3°12	n.a.	S 26
S 27	22 14 14	2°37'58	6♉33	16° 9	18°56	4°31	22° 4	17°32	2°29	9°24	18° 1	24°51	25°22	3°19	n.a.	S 27
M28	22 18 11	3°39'09	20°37	17°38	20° 6	5°13	22° 1	17°38	2°31	9°24	18° 4	24°D50	25°19	3°25	n.a.	M28
T 29	22 22 8	4°40'21	4♊41	19° 8	21°16	5°54	21°57	17°43	2°33	9°25	18° 6	24°R50	25°16	3°32	n.a.	T 29
W30	22 26 4	5♍41'35	18♊46	20♌38	22♋27	6♌36	21♈54	17♎49	2♋36	9♊25	18♍ 8	24♏49	25♏12	3♐39	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n14	19n36	0n22	18n26	1s22	22n14	1s29	24n15	1n14	8n10	0s49	4s45	1n37	24n43	0n37	22n31	0n 6	15n20	11n 4	20s14	19s59	20s29		n.a.
W 2	18 58	21 23	0s54	19 3	1 2	22 25	1 23	24 10	1 14	8 11	0 49	4 47	1 37	24 43	0 37	22 31	0 6	15 19	11 3	20 14	19 58	20 30		n.a.
T 3	18 42	21 47	2 7	19 39	0 42	22 34	1 18	24 4	1 14	8 11	0 49	4 49	1 37	24 43	0 37	22 31	0 6	15 18	11 3	20 14	19 57	20 31		n.a.
F 4	18 26	20 45	3 11	20 12	0 21	22 44	1 12	23 59	1 14	8 12	0 49	4 50	1 36	24 43	0 37	22 31	0 6	15 17	11 3	20 13	19 56	20 31		n.a.
S 5	18 9	18 22	4 4	20 43	0 2	22 52	1 6	23 53	1 14	8 13	0 49	4 52	1 36	24 43	0 37	22 32	0 6	15 16	11 2	20 11	19 56	20 32		n.a.
S 6	17 52	14 53	4 40	21 11	0n17	23 1	1 1	23 46	1 14	8 13	0 49	4 54	1 36	24 43	0 37	22 32	0 6	15 15	11 2	20 8	19 55	20 32		n.a.
M 7	17 35	10 37	4 59	21 34	0 35	23 8	0 55	23 40	1 14	8 13	0 49	4 56	1 36	24 43	0 37	22 32	0 6	15 14	11 2	20 6	19 54	20 33		n.a.
T 8	17 17	5 54	5 0	21 54	0 51	23 15	0 50	23 34	1 14	8 14	0 49	4 58	1 36	24 43	0 37	22 32	0 6	15 13	11 1	20 3	19 53	20 33		n.a.
W 9	16 59	1 1	4 44	22 10	1 6	23 22	0 45	23 27	1 14	8 14	0 49	5 0	1 35	24 43	0 37	22 32	0 6	15 12	11 1	20 0	19 52	20 34		n.a.
T 10	16 41	3s46	4 13	22 23	1 19	23 27	0 39	23 20	1 14	8 14	0 49	5 2	1 35	24 43	0 37	22 33	0 6	15 11	11 1	19 58	19 52	20 34		n.a.
F 11	16 22	8 16	3 31	22 31	1 31	23 32	0 34	23 13	1 14	8 14	0 49	5 4	1 35	24 43	0 37	22 33	0 6	15 10	11 1	19 56	19 51	20 35		n.a.
S 12	16 3	12 18	2 40	22 35	1 41	23 37	0 29	23 5	1 14	8 14	0 49	5 6	1 35	24 43	0 37	22 33	0 6	15 9	11 0	19 55	19 50	20 35		n.a.
S 13	15 44	15 46	1 42	22 37	1 49	23 41	0 24	22 58	1 14	8 14	0 49	5 8	1 35	24 43	0 37	22 33	0 6	15 7	11 0	19 54	19 49	20 36		n.a.
M14	15 25	18 31	0 41	22 34	1 56	23 44	0 19	22 50	1 14	8 14	0 49	5 10	1 34	24 43	0 37	22 33	0 6	15 6	11 0	19 54	19 49	20 36		n.a.
T 15	15 5	20 28	0n21	22 29	2 2	23 46	0 14	22 42	1 14	8 14	0 49	5 12	1 34	24 43	0 37	22 34	0 6	15 5	11 0	19 54	19 48	20 37		n.a.
W16	14 45	21 32	1 23	22 21	2 7	23 48	0 9	22 34	1 14	8 13	0 49	5 14	1 34	24 43	0 37	22 34	0 6	15 4	10 59	19 54	19 47	20 37		n.a.
T 17	14 25	21 38	2 21	22 9	2 10	23 49	0 4	22 26	1 14	8 13	0 49	5 17	1 34	24 43	0 37	22 34	0 6	15 3	10 59	19 54	19 46	20 38		n.a.
F 18	14 4	20 44	3 14	21 56	2 12	23 50	0n 0	22 17	1 14	8 12	0 49	5 19	1 34	24 43	0 37	22 34	0 6	15 2	10 59	19 52	19 46	20 38		n.a.
S 19	13 44	18 50	3 59	21 39	2 14	23 50	0 5	22 8	1 14	8 12	0 49	5 21	1 33	24 43	0 37	22 34	0 6	15 1	10 59	19 50	19 45	20 39		n.a.
S 20	13 23	16 1	4 33	21 21	2 14	23 49	0 9	21 59	1 14	8 11	0 49	5 23	1 33	24 43	0 37	22 34	0 6	15 0	10 58	19 48	19 44	20 39		n.a.
M21	13 1	12 21	4 54	21 0	2 14	23 47	0 14	21 50	1 14	8 11	0 49	5 25	1 33	24 43	0 37	22 35	0 6	14 59	10 58	19 45	19 43	20 40		n.a.
T 22	12 40	8 2	5 0	20 38	2 13	23 45	0 18	21 41	1 14	8 10	0 49	5 28	1 33	24 43	0 37	22 35	0 6	14 58	10 58	19 41	19 42	20 40		n.a.
W23	12 18	3 14	4 49	20 13	2 11	23 42	0 23	21 31	1 14	8 9	0 49	5 30	1 33	24 43	0 37	22 35	0 6	14 57	10 58	19 38	19 42	20 41		n.a.
T 24	11 56	1n48	4 22	19 47	2 9	23 38	0 27	21 22	1 14	8 8	0 49	5 32	1 33	24 43	0 37	22 35	0 6	14 55	10 58	19 35	19 41	20 41		n.a.
F 25	11 34	6 48	3 39	19 20	2 6	23 34	0 31	21 12	1 14	8 7	0 49	5 35	1 32	24 43	0 37	22 35	0 6	14 54	10 57	19 33	19 40	20 42		n.a.
S 26	11 12	11 30	2 42	18 51	2 3	23 28	0 35	21 2	1 14	8 6	0 49	5 37	1 32	24 43	0 37	22 35	0 6	14 53	10 57	19 32	19 39	20 42		n.a.
S 27	10 49	15 34	1 35	18 20	2 0	23 22	0 39	20 52	1 14	8 5	0 49	5 39	1 32	24 43	0 37	22 35	0 6	14 52	10 57	19 31	19 39	20 43		n.a.
M28	10 27	18 46	0 22	17 48	1 56	23 16	0 43	20 41	1 14	8 4	0 49	5 42	1 32	24 43	0 37	22 35	0 6	14 51	10 57	19 31	19 38	20 43		n.a.
T 29	10 4	20 49	0s52	17 16	1 51	23 9	0 47	20 31	1 14	8 2	0 49	5 44	1 32	24 43	0 37	22 35	0 6	14 50	10 57	19 31	19 37	20 43		n.a.
W30	9n41	21n35	2s 3	16n42	1n47	23n 1	0n50	20n20	1n13	8n 1	0s48	5s47	1n32	24n43	0n38	22n36	0n 6	14n49	10n56	19s30	19s36	20s44		n.a.

Julian Day Number = 199304.5, Delta T = 32h13m15s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'32, Lahiri = -61°12'32 Julian Calendar 1 Sept. 4168 BCE == Greg. Calendar 30 July 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

OCTOBER 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 30 1	6♍42'50	2♋49	22♌ 9	23♋37	7♌18	21°R50	17♎55	2♋38	9♊26	18♍11	24°R47	25♏ 9	3♐45	n.a.	T 1
F 2	22 33 57	7°44'07	16°50	23°40	24°48	7°59	21♈46	18° 1	2°40	9°26	18°13	24♏42	25° 6	3°52	n.a.	F 2
S 3	22 37 54	8°45'24	0♌47	25°12	25°58	8°41	21°42	18° 7	2°42	9°26	18°15	24°34	25° 3	3°59	n.a.	S 3
S 4	22 41 50	9°46'42	14°37	26°44	27° 9	9°23	21°38	18°13	2°44	9°27	18°17	24°24	25° 0	4° 5	n.a.	S 4
M 5	22 45 47	10°48'01	28°16	28°16	28°20	10° 4	21°33	18°19	2°46	9°27	18°20	24°12	24°57	4°12	n.a.	M 5
T 6	22 49 44	11°49'21	11♍42	29°49	29°31	10°46	21°29	18°25	2°48	9°27	18°22	23°59	24°53	4°18	n.a.	T 6
W 7	22 53 40	12°50'42	24°50	1♍22	0♌42	11°28	21°24	18°32	2°50	9°28	18°24	23°47	24°50	4°25	n.a.	W 7
T 8	22 57 37	13°52'03	7♎41	2°54	1°54	12°10	21°19	18°38	2°52	9°28	18°27	23°36	24°47	4°32	n.a.	T 8
F 9	23 1 33	14°53'25	20°13	4°27	3° 5	12°51	21°13	18°44	2°53	9°28	18°29	23°29	24°44	4°38	n.a.	F 9
S 10	23 5 30	15°54'47	2♏29	6° 0	4°17	13°33	21° 8	18°51	2°55	9°28	18°31	23°24	24°41	4°45	n.a.	S 10
S 11	23 9 26	16°56'10	14°31	7°34	5°29	14°15	21° 3	18°57	2°57	9°28	18°34	23°22	24°37	4°52	n.a.	S 11
M12	23 13 23	17°57'33	26°23	9° 7	6°40	14°57	20°57	19° 3	2°58	9°28	18°36	23°D21	24°34	4°58	n.a.	M12
T 13	23 17 19	18°58'56	8♐11	10°40	7°52	15°39	20°51	19°10	3° 0	9°28	18°38	23°22	24°31	5° 5	n.a.	T 13
W14	23 21 16	20° 0'19	19°59	12°14	9° 4	16°21	20°45	19°16	3° 1	9°R28	18°41	23°R22	24°28	5°12	n.a.	W14
T 15	23 25 13	21° 1'43	1♑54	13°47	10°16	17° 3	20°39	19°23	3° 3	9°28	18°43	23°22	24°25	5°18	n.a.	T 15
F 16	23 29 9	22° 3'06	14° 0	15°21	11°28	17°45	20°33	19°30	3° 4	9°28	18°46	23°19	24°22	5°25	n.a.	F 16
S 17	23 33 6	23° 4'30	26°22	16°55	12°41	18°27	20°26	19°36	3° 6	9°28	18°48	23°14	24°18	5°32	n.a.	S 17
S 18	23 37 2	24° 5'53	9♒ 5	18°29	13°53	19° 9	20°20	19°43	3° 7	9°28	18°50	23° 7	24°15	5°38	n.a.	S 18
M19	23 40 59	25° 7'16	22°10	20° 3	15° 5	19°52	20°13	19°50	3° 8	9°28	18°53	22°57	24°12	5°45	n.a.	M19
T 20	23 44 55	26° 8'40	5♓39	21°37	16°18	20°34	20° 7	19°56	3° 9	9°28	18°55	22°47	24° 9	5°52	n.a.	T 20
W21	23 48 52	27°10'03	19°28	23°12	17°31	21°16	20° 0	20° 3	3°11	9°28	18°57	22°37	24° 6	5°58	n.a.	W21
T 22	23 52 49	28°11'26	3♈36	24°46	18°43	21°58	19°53	20°10	3°12	9°27	18°59	22°28	24° 3	6° 5	n.a.	T 22
F 23	23 56 45	29°12'49	17°57	26°21	19°56	22°40	19°46	20°17	3°13	9°27	19° 2	22°22	23°59	6°11	n.a.	F 23
S 24	0 0 42	0♎14'13	2♉24	27°56	21° 9	23°23	19°38	20°24	3°14	9°27	19° 4	22°17	23°56	6°18	n.a.	S 24
S 25	0 4 38	1°15'37	16°52	29°32	22°22	24° 5	19°31	20°30	3°15	9°26	19° 6	22°D16	23°53	6°25	n.a.	S 25
M26	0 8 35	2°17'00	1♊17	1♎ 7	23°35	24°47	19°24	20°37	3°16	9°26	19° 9	22°16	23°50	6°31	n.a.	M26
T 27	0 12 31	3°18'24	15°34	2°43	24°48	25°30	19°16	20°44	3°16	9°25	19°11	22°17	23°47	6°38	n.a.	T 27
W28	0 16 28	4°19'48	29°42	4°19	26° 1	26°12	19° 9	20°51	3°17	9°25	19°13	22°R18	23°43	6°45	n.a.	W28
T 29	0 20 25	5°21'13	13♋40	5°56	27°14	26°55	19° 1	20°58	3°18	9°25	19°16	22°18	23°40	6°51	n.a.	T 29
F 30	0 24 21	6°22'37	27°27	7°33	28°27	27°37	18°53	21° 5	3°18	9°24	19°18	22°16	23°37	6°58	n.a.	F 30
S 31	0 28 18	7♎24'01	11♌ 3	9♎10	29♌40	28♌20	18♈45	21♎12	3♋19	9♊23	19♍20	22♏11	23♏34	7♐ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	9n18	20n58	3s 7	16n 7	1n42	22n52	0n54	20n 9	1n13	8n 0	0s48	5s49	1n31	24n43	0n38	22n36	0n 6	14n48	10n56	19s30	19s35	20s44		n.a.	T 1
F 2	8 54	19 4	3 59	15 31	1 36	22 43	0 57	19 58	1 13	7 58	0 48	5 52	1 31	24 43	0 38	22 36	0 7	14 47	10 56	19 29	19 35	20 45		n.a.	F 2
S 3	8 31	16 3	4 36	14 54	1 31	22 32	1 1	19 46	1 13	7 57	0 48	5 54	1 31	24 43	0 38	22 36	0 7	14 46	10 56	19 27	19 34	20 45		n.a.	S 3
S 4	8 7	12 11	4 57	14 17	1 26	22 22	1 4	19 35	1 13	7 55	0 48	5 57	1 31	24 43	0 38	22 36	0 7	14 45	10 56	19 24	19 33	20 46		n.a.	S 4
M 5	7 43	7 43	5 1	13 39	1 20	22 10	1 7	19 23	1 13	7 53	0 48	5 59	1 31	24 43	0 38	22 36	0 7	14 44	10 56	19 21	19 32	20 46		n.a.	M 5
T 6	7 19	2 58	4 47	13 0	1 14	21 58	1 10	19 11	1 13	7 52	0 48	6 2	1 31	24 43	0 38	22 36	0 7	14 42	10 56	19 18	19 31	20 46		n.a.	T 6
W 7	6 55	1s50	4 19	12 21	1 8	21 45	1 13	18 59	1 13	7 50	0 48	6 4	1 31	24 43	0 38	22 36	0 7	14 41	10 55	19 15	19 31	20 47		n.a.	W 7
T 8	6 31	6 27	3 38	11 41	1 2	21 32	1 16	18 47	1 13	7 48	0 48	6 7	1 30	24 43	0 38	22 36	0 7	14 40	10 55	19 12	19 30	20 47		n.a.	T 8
F 9	6 7	10 41	2 47	11 0	0 56	21 18	1 19	18 35	1 13	7 46	0 48	6 9	1 30	24 43	0 38	22 36	0 7	14 39	10 55	19 10	19 29	20 48		n.a.	F 9
S 10	5 42	14 22	1 49	10 19	0 49	21 3	1 22	18 23	1 12	7 44	0 48	6 12	1 30	24 43	0 38	22 36	0 7	14 38	10 55	19 9	19 28	20 48		n.a.	S 10
S 11	5 18	17 24	0 47	9 38	0 43	20 48	1 24	18 10	1 12	7 42	0 48	6 15	1 30	24 43	0 38	22 36	0 7	14 37	10 55	19 8	19 27	20 48		n.a.	S 11
M12	4 53	19 38	0n16	8 56	0 37	20 32	1 27	17 57	1 12	7 40	0 48	6 17	1 30	24 43	0 38	22 36	0 7	14 36	10 55	19 8	19 27	20 49		n.a.	M12
T 13	4 29	21 0	1 18	8 14	0 30	20 15	1 29	17 44	1 12	7 38	0 48	6 20	1 30	24 43	0 38	22 36	0 7	14 35	10 55	19 8	19 26	20 49		n.a.	T 13
W14	4 4	21 26	2 18	7 32	0 24	19 58	1 32	17 31	1 12	7 35	0 48	6 23	1 30	24 43	0 38	22 36	0 7	14 34	10 55	19 8	19 25	20 49		n.a.	W14
T 15	3 39	20 55	3 11	6 49	0 17	19 40	1 34	17 18	1 12	7 33	0 48	6 25	1 29	24 43	0 38	22 36	0 7	14 33	10 55	19 8	19 24	20 50		n.a.	T 15
F 16	3 14	19 26	3 57	6 6	0 11	19 21	1 36	17 5	1 12	7 31	0 48	6 28	1 29	24 43	0 38	22 36	0 7	14 32	10 55	19 7	19 23	20 50		n.a.	F 16
S 17	2 49	17 1	4 33	5 22	0 4	19 2	1 38	16 51	1 11	7 28	0 48	6 31	1 29	24 43	0 38	22 36	0 7	14 31	10 55	19 6	19 23	20 51		n.a.	S 17
S 18	2 24	13 44	4 56	4 39	0s 2	18 43	1 40	16 37	1 11	7 26	0 48	6 33	1 29	24 43	0 38	22 36	0 7	14 30	10 55	19 4	19 22	20 51		n.a.	S 18
M19	1 59	9 43	5 5	3 55	0 8	18 23	1 42	16 23	1 11	7 23	0 47	6 36	1 29	24 43	0 38	22 36	0 7	14 29	10 54	19 2	19 21	20 51		n.a.	M19
T 20	1 34	5 6	4 58	3 11	0 15	18 2	1 43	16 10	1 11	7 21	0 47	6 39	1 29	24 43	0 38	22 36	0 7	14 28	10 54	18 59	19 20	20 52		n.a.	T 20
W21	1 9	0 7	4 33	2 27	0 21	17 41	1 45	15 55	1 11	7 18	0 47	6 41	1 29	24 43	0 38	22 36	0 7	14 27	10 54	18 57	19 19	20 52		n.a.	W21
T 22	0 44	4n59	3 51	1 43	0 27	17 19	1 46	15 41	1 11	7 16	0 47	6 44	1 29	24 43	0 38	22 36	0 7	14 26	10 54	18 54	19 19	20 52		n.a.	T 22
F 23	0 19	9 54	2 54	0 59	0 33	16 57	1 48	15 27	1 10	7 13	0 47	6 47	1 28	24 43	0 38	22 36	0 7	14 25	10 54	18 53	19 18	20 53		n.a.	F 23
S 24	0s 6	14 17	1 45	0 15	0 39	16 34	1 49	15 12	1 10	7 10	0 47	6 50	1 28	24 43	0 39	22 36	0 7	14 24	10 54	18 51	19 17	20 53		n.a.	S 24
S 25	0 31	17 49	0 29	0s30	0 45	16 11	1 50	14 58	1 10	7 8	0 47	6 52	1 28	24 43	0 39	22 36	0 7	14 23	10 54	18 51	19 16	20 53		n.a.	S 25
M26	0 56	20 12	0s49	1 14	0 51	15 47	1 51	14 43	1 10	7 5	0 47	6 55	1 28	24 43	0 39	22 36	0 7	14 22	10 54	18 51	19 15	20 53		n.a.	M26
T 27	1 21	21 17	2 2	1 59	0 57	15 23	1 52	14 28	1 10	7 2	0 47	6 58	1 28	24 43	0 39	22 36	0 7	14 21	10 54	18 51	19 15	20 54		n.a.	T 27
W28	1 46	20 59	3 8	2 43	1 2	14 58	1 53	14 13	1 9	6 59	0 47	7 1	1 28	24 43	0 39	22 36	0 7	14 20	10 54	18 52	19 14	20 54		n.a.	W28
T 29	2 11	19 23	4 2	3 27	1 8	14 33	1 54	13 58	1 9	6 56	0 46	7 3	1 28	24 43	0 39	22 36	0 7	14 20	10 54	18 51	19 13	20 54		n.a.	T 29
F 30	2 36	16 40	4 41	4 11	1 13	14 8	1 55	13 43	1 9	6 53	0 46	7 6	1 28	24 43	0 39	22 36	0 7	14 19	10 54	18 51	19 12	20 55		n.a.	F 30
S 31	3s 1	13n 5	5s 3	4s55	1s18	13n42	1n55	13n27	1n 9	6n50	0s46	7s 9	1n28	24n43	0n39	22n36	0n 7	14n18	10n54	18s50	19s11	20s55		n.a.	S 31

Julian Day Number = 199334.5, Delta T = 32h13m12s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'28, Lahiri = -61°12'28 Julian Calendar 1 Oct. 4168 BCE == Greg. Calendar 29 Aug. 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

NOVEMBER 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 32 14	8♎25'25	24♌28	10♎47	0♍54	29♌ 2	18°R38	21♎19	3♋20	9°R23	19♍22	22°R 5	23♏31	7♐11	n.a.	S 1
M 2	0 36 11	9°26'48	7♍41	12°25	2° 7	29°45	18♈30	21°26	3°20	9♊22	19°25	21♏58	23°28	7°18	n.a.	M 2
T 3	0 40 8	10°28'11	20°42	14° 3	3°21	0♍28	18°22	21°33	3°20	9°22	19°27	21°50	23°24	7°25	n.a.	T 3
W 4	0 44 4	11°29'34	3♎29	15°42	4°34	1°10	18°14	21°40	3°21	9°21	19°29	21°42	23°21	7°31	n.a.	W 4
T 5	0 48 1	12°30'57	16° 2	17°21	5°47	1°53	18° 6	21°47	3°21	9°20	19°31	21°36	23°18	7°38	n.a.	T 5
F 6	0 51 57	13°32'19	28°23	19° 0	7° 1	2°36	17°58	21°55	3°21	9°19	19°33	21°32	23°15	7°45	n.a.	F 6
S 7	0 55 54	14°33'40	10♏31	20°40	8°15	3°18	17°50	22° 2	3°21	9°19	19°36	21°29	23°12	7°51	n.a.	S 7
S 8	0 59 50	15°35'00	22°29	22°19	9°28	4° 1	17°41	22° 9	3°22	9°18	19°38	21°D28	23° 8	7°58	n.a.	S 8
M 9	1 3 47	16°36'20	4♐20	24° 0	10°42	4°44	17°33	22°16	3°22	9°17	19°40	21°29	23° 5	8° 5	n.a.	M 9
T 10	1 7 44	17°37'39	16° 7	25°40	11°55	5°27	17°25	22°23	3°R22	9°16	19°42	21°31	23° 2	8°11	n.a.	T 10
W11	1 11 40	18°38'56	27°55	27°21	13° 9	6°10	17°17	22°30	3°22	9°15	19°44	21°33	22°59	8°18	n.a.	W11
T 12	1 15 37	19°40'13	9♑48	29° 2	14°23	6°53	17° 9	22°37	3°22	9°14	19°46	21°34	22°56	8°24	n.a.	T 12
F 13	1 19 33	20°41'28	21°52	0♏43	15°37	7°35	17° 1	22°45	3°21	9°13	19°48	21°R35	22°53	8°31	n.a.	F 13
S 14	1 23 30	21°42'42	4♒11	2°24	16°50	8°18	16°53	22°52	3°21	9°12	19°50	21°34	22°49	8°38	n.a.	S 14
S 15	1 27 26	22°43'55	16°51	4° 5	18° 4	9° 1	16°45	22°59	3°21	9°11	19°52	21°32	22°46	8°44	n.a.	S 15
M16	1 31 23	23°45'07	29°55	5°46	19°18	9°44	16°37	23° 6	3°21	9°10	19°54	21°28	22°43	8°51	n.a.	M16
T 17	1 35 20	24°46'17	13♓25	7°26	20°32	10°27	16°29	23°13	3°20	9° 9	19°56	21°24	22°40	8°58	n.a.	T 17
W18	1 39 16	25°47'27	27°21	9° 6	21°46	11°10	16°21	23°20	3°20	9° 8	19°58	21°20	22°37	9° 4	n.a.	W18
T 19	1 43 13	26°48'34	11♈41	10°45	22°59	11°53	16°13	23°27	3°19	9° 7	20° 0	21°16	22°34	9°11	n.a.	T 19
F 20	1 47 9	27°49'41	26°20	12°24	24°13	12°37	16° 5	23°35	3°19	9° 6	20° 2	21°14	22°30	9°18	n.a.	F 20
S 21	1 51 6	28°50'47	11♉11	14° 1	25°27	13°20	15°58	23°42	3°18	9° 5	20° 4	21°12	22°27	9°24	n.a.	S 21
S 22	1 55 2	29°51'51	26° 6	15°36	26°41	14° 3	15°50	23°49	3°18	9° 3	20° 6	21°D12	22°24	9°31	n.a.	S 22
M23	1 58 59	0♏52'54	10♊57	17° 9	27°55	14°46	15°42	23°56	3°17	9° 2	20° 8	21°13	22°21	9°38	n.a.	M23
T 24	2 2 56	1°53'57	25°39	18°40	29° 9	15°29	15°35	24° 3	3°16	9° 1	20°10	21°14	22°18	9°44	n.a.	T 24
W25	2 6 52	2°54'58	10♋ 4	20° 8	0♎23	16°12	15°27	24°10	3°15	9° 0	20°12	21°16	22°14	9°51	n.a.	W25
T 26	2 10 49	3°55'58	24°12	21°33	1°37	16°56	15°20	24°17	3°14	8°58	20°14	21°17	22°11	9°58	n.a.	T 26
F 27	2 14 45	4°56'57	7♌59	22°53	2°51	17°39	15°13	24°24	3°13	8°57	20°16	21°R17	22° 8	10° 4	n.a.	F 27
S 28	2 18 42	5°57'55	21°28	24° 8	4° 5	18°22	15° 5	24°32	3°13	8°56	20°17	21°16	22° 5	10°11	n.a.	S 28
S 29	2 22 39	6°58'52	4♍39	25°18	5°19	19° 6	14°58	24°39	3°11	8°55	20°19	21°15	22° 2	10°18	n.a.	S 29
M30	2 26 35	7♏59'47	17♍33	26♏22	6♎33	19♍49	14♈51	24♎46	3♋10	8♊53	20♍21	21♏13	21♏59	10♐24	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s26	8n54	5s 9	5s39	1s23	13n16	1n56	13n12	1n 8	6n48	0s46	7s12	1n28	24n43	0n39	22n36	0n 7	14n17	10n54	18s48	19s11	20s55		n.a.
M 2	3 51	4 20	4 58	6 23	1 28	12 49	1 56	12 56	1 8	6 45	0 46	7 14	1 27	24 43	0 39	22 36	0 7	14 16	10 54	18 46	19 10	20 56		n.a.
T 3	4 15	0s21	4 31	7 6	1 32	12 22	1 57	12 40	1 8	6 42	0 46	7 17	1 27	24 43	0 39	22 36	0 7	14 15	10 54	18 44	19 9	20 56		n.a.
W 4	4 40	4 57	3 51	7 49	1 36	11 55	1 57	12 25	1 8	6 39	0 46	7 20	1 27	24 43	0 39	22 36	0 7	14 14	10 54	18 42	19 8	20 56		n.a.
T 5	5 5	9 15	3 1	8 32	1 40	11 27	1 57	12 9	1 7	6 36	0 45	7 23	1 27	24 43	0 39	22 35	0 7	14 13	10 55	18 40	19 7	20 56		n.a.
F 6	5 29	13 6	2 3	9 14	1 44	10 59	1 57	11 53	1 7	6 33	0 45	7 26	1 27	24 43	0 39	22 35	0 7	14 13	10 55	18 39	19 6	20 57		n.a.
S 7	5 54	16 20	1 0	9 56	1 47	10 31	1 57	11 36	1 7	6 30	0 45	7 28	1 27	24 43	0 39	22 35	0 7	14 12	10 55	18 39	19 6	20 57		n.a.
S 8	6 18	18 49	0n 6	10 38	1 50	10 2	1 57	11 20	1 6	6 27	0 45	7 31	1 27	24 43	0 39	22 35	0 7	14 11	10 55	18 38	19 5	20 57		n.a.
M 9	6 42	20 28	1 10	11 18	1 53	9 33	1 57	11 4	1 6	6 23	0 45	7 34	1 27	24 43	0 39	22 35	0 7	14 10	10 55	18 39	19 4	20 57		n.a.
T 10	7 6	21 12	2 11	11 59	1 55	9 4	1 56	10 47	1 6	6 20	0 45	7 37	1 27	24 43	0 39	22 35	0 7	14 9	10 55	18 39	19 3	20 58		n.a.
W11	7 30	20 59	3 7	12 38	1 57	8 35	1 56	10 31	1 5	6 17	0 45	7 40	1 27	24 43	0 39	22 35	0 7	14 9	10 55	18 39	19 2	20 58		n.a.
T 12	7 54	19 50	3 55	13 17	1 59	8 5	1 56	10 14	1 5	6 14	0 44	7 42	1 27	24 44	0 39	22 35	0 7	14 8	10 55	18 40	19 1	20 58		n.a.
F 13	8 18	17 47	4 33	13 54	2 0	7 35	1 55	9 57	1 5	6 11	0 44	7 45	1 27	24 44	0 39	22 35	0 7	14 7	10 55	18 40	19 1	20 58		n.a.
S 14	8 41	14 54	5 0	14 31	2 0	7 5	1 54	9 41	1 4	6 8	0 44	7 48	1 27	24 44	0 39	22 34	0 7	14 6	10 55	18 40	19 0	20 58		n.a.
S 15	9 5	11 15	5 13	15 7	2 0	6 35	1 54	9 24	1 4	6 5	0 44	7 51	1 26	24 44	0 40	22 34	0 7	14 5	10 55	18 39	18 59	20 59		n.a.
M16	9 28	6 59	5 11	15 41	2 0	6 4	1 53	9 7	1 4	6 2	0 44	7 54	1 26	24 44	0 40	22 34	0 7	14 5	10 55	18 38	18 58	20 59		n.a.
T 17	9 51	2 14	4 52	16 15	1 59	5 34	1 52	8 50	1 3	5 59	0 43	7 56	1 26	24 44	0 40	22 34	0 7	14 4	10 56	18 37	18 57	20 59		n.a.
W18	10 14	2n47	4 15	16 46	1 57	5 3	1 51	8 33	1 3	5 56	0 43	7 59	1 26	24 44	0 40	22 34	0 7	14 3	10 56	18 36	18 56	20 59		n.a.
T 19	10 37	7 49	3 21	17 17	1 55	4 32	1 50	8 15	1 3	5 54	0 43	8 2	1 26	24 44	0 40	22 34	0 7	14 3	10 56	18 35	18 56	21 0		n.a.
F 20	11 0	12 30	2 13	17 45	1 51	4 1	1 49	7 58	1 2	5 51	0 43	8 5	1 26	24 44	0 40	22 33	0 7	14 2	10 56	18 34	18 55	21 0		n.a.
S 21	11 22	16 28	0 55	18 12	1 47	3 30	1 48	7 41	1 2	5 48	0 43	8 7	1 26	24 44	0 40	22 33	0 7	14 1	10 56	18 34	18 54	21 0		n.a.
S 22	11 44	19 23	0s27	18 36	1 43	2 58	1 46	7 23	1 1	5 45	0 42	8 10	1 26	24 44	0 40	22 33	0 7	14 1	10 56	18 34	18 53	21 0		n.a.
M23	12 6	20 57	1 47	18 59	1 37	2 27	1 45	7 6	1 1	5 42	0 42	8 13	1 26	24 44	0 40	22 33	0 7	14 0	10 56	18 34	18 52	21 0		n.a.
T 24	12 28	21 3	2 59	19 19	1 30	1 56	1 44	6 48	1 1	5 39	0 42	8 16	1 26	24 44	0 40	22 33	0 7	13 59	10 56	18 35	18 51	21 0		n.a.
W25	12 50	19 45	3 59	19 36	1 23	1 24	1 42	6 31	1 0	5 37	0 42	8 18	1 26	24 44	0 40	22 33	0 7	13 59	10 57	18 35	18 51	21 1		n.a.
T 26	13 11	17 15	4 42	19 51	1 14	0 53	1 41	6 13	1 0	5 34	0 42	8 21	1 26	24 44	0 40	22 32	0 8	13 58	10 57	18 35	18 50	21 1		n.a.
F 27	13 32	13 49	5 8	20 3	1 5	0 21	1 39	5 55	0 59	5 31	0 41	8 24	1 26	24 44	0 40	22 32	0 8	13 58	10 57	18 35	18 49	21 1		n.a.
S 28	13 53	9 45	5 17	20 12	0 54	0s11	1 38	5 37	0 59	5 29	0 41	8 26	1 26	24 44	0 40	22 32	0 8	13 57	10 57	18 35	18 48	21 1		n.a.
S 29	14 13	5 18	5 8	20 19	0 42	0 42	1 36	5 19	0 58	5 26	0 41	8 29	1 26	24 45	0 40	22 32	0 8	13 56	10 57	18 35	18 47	21 1		n.a.
M30	14s34	0n43	4s44	20s22	0s29	1s14	1n34	5n 2	0n58	5n23	0s41	8s32	1n26	24n45	0n40	22n32	0n 8	13n56	10n57	18s34	18s46	21s 1		n.a.

Julian Day Number = 199365.5, Delta T = 32h13m09s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'24, Lahiri = -61°12'24 Julian Calendar 1 Nov. 4168 BCE == Greg. Calendar 29 Sept. 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4168 BCE
geocentric

DECEMBER 4168 BCE (-4167) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 30 32	9♏ 0'41	0♎13	27♏18	7♎47	20♍32	14°R45	24♎53	3°R 9	8°R52	20♍23	21°R11	21♏55	10♐31	n.a.	T 1
W 2	2 34 28	10° 1'34	12°40	28° 6	9° 1	21°16	14♈38	25° 0	3♋ 8	8♊50	20°24	21♏ 9	21°52	10°38	n.a.	W 2
T 3	2 38 25	11° 2'25	24°55	28°46	10°15	21°59	14°31	25° 7	3° 7	8°49	20°26	21° 8	21°49	10°44	n.a.	T 3
F 4	2 42 21	12° 3'15	7♏ 2	29°16	11°29	22°43	14°25	25°14	3° 6	8°47	20°28	21° 7	21°46	10°51	n.a.	F 4
S 5	2 46 18	13° 4'03	19° 0	29°36	12°43	23°26	14°19	25°21	3° 4	8°46	20°29	21°D 7	21°43	10°57	n.a.	S 5
S 6	2 50 14	14° 4'50	0♐53	29°R46	13°57	24°10	14°12	25°28	3° 3	8°45	20°31	21° 7	21°40	11° 4	n.a.	S 6
M 7	2 54 11	15° 5'34	12°41	29°45	15°11	24°53	14° 6	25°34	3° 2	8°43	20°32	21° 8	21°36	11°11	n.a.	M 7
T 8	2 58 8	16° 6'17	24°29	29°33	16°24	25°37	14° 0	25°41	3° 0	8°42	20°34	21° 8	21°33	11°17	n.a.	T 8
W 9	3 2 4	17° 6'58	6♑18	29°10	17°38	26°20	13°55	25°48	2°59	8°40	20°35	21° 9	21°30	11°24	n.a.	W 9
T 10	3 6 1	18° 7'37	18°12	28°38	18°52	27° 4	13°49	25°55	2°57	8°39	20°37	21° 9	21°27	11°31	n.a.	T 10
F 11	3 9 57	19° 8'14	0♒15	27°55	20° 6	27°48	13°44	26° 2	2°55	8°37	20°38	21° 9	21°24	11°37	n.a.	F 11
S 12	3 13 54	20° 8'49	12°32	27° 5	21°20	28°31	13°38	26° 9	2°54	8°35	20°40	21° 9	21°20	11°44	n.a.	S 12
S 13	3 17 50	21° 9'22	25° 7	26° 8	22°34	29°15	13°33	26°15	2°52	8°34	20°41	21° 9	21°17	11°51	n.a.	S 13
M14	3 21 47	22° 9'52	8♓ 4	25° 5	23°48	29°58	13°28	26°22	2°50	8°32	20°43	21° 9	21°14	11°57	n.a.	M14
T 15	3 25 44	23°10'20	21°26	23°59	25° 2	0♎42	13°23	26°29	2°49	8°31	20°44	21°10	21°11	12° 4	n.a.	T 15
W16	3 29 40	24°10'46	5♈15	22°51	26°16	1°26	13°19	26°35	2°47	8°29	20°45	21°10	21° 8	12°11	n.a.	W16
T 17	3 33 37	25°11'10	19°31	21°43	27°30	2°10	13°14	26°42	2°45	8°27	20°47	21°10	21° 5	12°17	n.a.	T 17
F 18	3 37 33	26°11'32	4♉11	20°37	28°44	2°53	13°10	26°49	2°43	8°26	20°48	21°11	21° 1	12°24	n.a.	F 18
S 19	3 41 30	27°11'51	19°10	19°34	29°58	3°37	13° 6	26°55	2°41	8°24	20°49	21°R11	20°58	12°31	n.a.	S 19
S 20	3 45 26	28°12'09	4♊20	18°35	1♏12	4°21	13° 2	27° 2	2°39	8°23	20°50	21°11	20°55	12°37	n.a.	S 20
M21	3 49 23	29°12'25	19°32	17°42	2°26	5° 5	12°58	27° 8	2°37	8°21	20°51	21°10	20°52	12°44	n.a.	M21
T 22	3 53 20	0♐12'38	4♋36	16°55	3°40	5°48	12°55	27°14	2°35	8°19	20°52	21° 9	20°49	12°51	n.a.	T 22
W23	3 57 16	1°12'50	19°23	16°15	4°53	6°32	12°52	27°21	2°33	8°18	20°54	21° 8	20°46	12°57	n.a.	W23
T 24	4 1 13	2°13'00	3♌48	15°42	6° 7	7°16	12°48	27°27	2°31	8°16	20°55	21° 7	20°42	13° 4	n.a.	T 24
F 25	4 5 9	3°13'08	17°48	15°17	7°21	8° 0	12°45	27°33	2°29	8°14	20°56	21° 6	20°39	13°11	n.a.	F 25
S 26	4 9 6	4°13'14	1♍21	14°58	8°35	8°44	12°43	27°40	2°27	8°13	20°57	21°D 5	20°36	13°17	n.a.	S 26
S 27	4 13 2	5°13'19	14°30	14°47	9°49	9°28	12°40	27°46	2°25	8°11	20°58	21° 6	20°33	13°24	n.a.	S 27
M28	4 16 59	6°13'21	27°17	14°D43	11° 3	10°12	12°38	27°52	2°22	8° 9	20°59	21° 6	20°30	13°31	n.a.	M28
T 29	4 20 55	7°13'21	9♎46	14°45	12°17	10°56	12°35	27°58	2°20	8° 8	21° 0	21° 8	20°26	13°37	n.a.	T 29
W30	4 24 52	8°13'20	22° 0	14°53	13°30	11°40	12°33	28° 4	2°18	8° 6	21° 0	21° 9	20°23	13°44	n.a.	W30
T 31	4 28 48	9♐13'17	4♏ 3	15♏ 8	14♏44	12♎24	12♈32	28♎10	2♋16	8♊ 4	21♍ 1	21♏10	20♏20	13♐51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	14s54	3s50	4s 7	20s22	0s16	1s46	1n32	4n44	0n57	5n21	0s41	8s34	1n26	24n45	0n40	22n31	0n 8	13n55	10n58	18s34	18s46	21s 2			n.a.
W 2	15 14	8 9	3 18	20 18	0 1	2 17	1 30	4 26	0 57	5 18	0 40	8 37	1 26	24 45	0 40	22 31	0 8	13 55	10 58	18 33	18 45	21 2			n.a.
T 3	15 33	12 5	2 20	20 12	0n15	2 49	1 29	4 8	0 57	5 16	0 40	8 40	1 26	24 45	0 40	22 31	0 8	13 54	10 58	18 33	18 44	21 2			n.a.
F 4	15 53	15 28	1 18	20 2	0 32	3 20	1 27	3 49	0 56	5 14	0 40	8 42	1 26	24 45	0 40	22 31	0 8	13 54	10 58	18 33	18 43	21 2			n.a.
S 5	16 12	18 9	0 12	19 50	0 49	3 52	1 25	3 31	0 56	5 11	0 40	8 45	1 26	24 45	0 40	22 31	0 8	13 53	10 58	18 33	18 42	21 2			n.a.
S 6	16 31	20 2	0n54	19 34	1 7	4 23	1 22	3 13	0 55	5 9	0 39	8 48	1 26	24 45	0 40	22 30	0 8	13 53	10 59	18 33	18 41	21 2			n.a.
M 7	16 49	21 1	1 57	19 16	1 26	4 55	1 20	2 55	0 54	5 7	0 39	8 50	1 26	24 45	0 40	22 30	0 8	13 52	10 59	18 33	18 40	21 2			n.a.
T 8	17 7	21 5	2 55	18 55	1 44	5 26	1 18	2 37	0 54	5 5	0 39	8 53	1 26	24 45	0 40	22 30	0 8	13 52	10 59	18 33	18 40	21 2			n.a.
W 9	17 25	20 12	3 46	18 33	2 3	5 57	1 16	2 18	0 53	5 3	0 39	8 55	1 25	24 45	0 41	22 30	0 8	13 52	10 59	18 33	18 39	21 3			n.a.
T 10	17 42	18 25	4 27	18 8	2 21	6 28	1 14	2 0	0 53	5 1	0 38	8 58	1 25	24 45	0 41	22 29	0 8	13 51	10 59	18 33	18 38	21 3			n.a.
F 11	18 0	15 49	4 57	17 42	2 38	6 59	1 11	1 42	0 52	4 59	0 38	9 0	1 25	24 45	0 41	22 29	0 8	13 51	11 0	18 33	18 37	21 3			n.a.
S 12	18 17	12 30	5 15	17 15	2 54	7 29	1 9	1 23	0 52	4 57	0 38	9 3	1 25	24 45	0 41	22 29	0 8	13 50	11 0	18 33	18 36	21 3			n.a.
S 13	18 33	8 32	5 18	16 47	3 8	8 0	1 7	1 5	0 51	4 55	0 38	9 5	1 25	24 45	0 41	22 29	0 8	13 50	11 0	18 33	18 35	21 3			n.a.
M14	18 49	4 5	5 5	16 19	3 21	8 30	1 4	0 47	0 51	4 53	0 37	9 8	1 25	24 46	0 41	22 29	0 8	13 50	11 0	18 33	18 34	21 3			n.a.
T 15	19 5	0n42	4 35	15 53	3 32	9 0	1 2	0 28	0 50	4 52	0 37	9 10	1 25	24 46	0 41	22 28	0 8	13 49	11 1	18 33	18 34	21 3			n.a.
W16	19 21	5 37	3 49	15 27	3 41	9 30	1 0	0 10	0 49	4 50	0 37	9 13	1 25	24 46	0 41	22 28	0 8	13 49	11 1	18 33	18 33	21 3			n.a.
T 17	19 36	10 25	2 47	15 3	3 47	9 59	0 57	0s 8	0 49	4 48	0 37	9 15	1 25	24 46	0 41	22 28	0 8	13 49	11 1	18 33	18 32	21 3			n.a.
F 18	19 50	14 44	1 33	14 41	3 52	10 29	0 55	0 27	0 48	4 47	0 36	9 18	1 25	24 46	0 41	22 28	0 8	13 48	11 1	18 34	18 31	21 3			n.a.
S 19	20 5	18 11	0 11	14 22	3 54	10 58	0 52	0 45	0 47	4 46	0 36	9 20	1 25	24 46	0 41	22 27	0 8	13 48	11 2	18 34	18 30	21 3			n.a.
S 20	20 19	20 25	1s13	14 6	3 54	11 27	0 49	1 4	0 47	4 44	0 36	9 23	1 25	24 46	0 41	22 27	0 8	13 48	11 2	18 34	18 29	21 3			n.a.
M21	20 33	21 10	2 31	13 53	3 52	11 55	0 47	1 22	0 46	4 43	0 36	9 25	1 25	24 46	0 41	22 27	0 8	13 48	11 2	18 33	18 28	21 3			n.a.
T 22	20 46	20 23	3 39	13 43	3 48	12 24	0 44	1 41	0 46	4 42	0 36	9 27	1 25	24 46	0 41	22 27	0 8	13 47	11 2	18 33	18 28	21 4			n.a.
W23	20 59	18 13	4 30	13 37	3 43	12 52	0 42	1 59	0 45	4 41	0 35	9 30	1 25	24 46	0 41	22 26	0 8	13 47	11 3	18 33	18 27	21 4			n.a.
T 24	21 11	14 56	5 3	13 33	3 37	13 19	0 39	2 17	0 44	4 40	0 35	9 32	1 25	24 46	0 41	22 26	0 8	13 47	11 3	18 33	18 26	21 4			n.a.
F 25	21 23	10 54	5 17	13 33	3 29	13 47	0 37	2 36	0 43	4 39	0 35	9 34	1 25	24 46	0 41	22 26	0 8	13 47	11 3	18 32	18 25	21 4			n.a.
S 26	21 35	6 26	5 12	13 36	3 20	14 14	0 34	2 54	0 43	4 38	0 35	9 37	1 25	24 46	0 41	22 26	0 8	13 47	11 3	18 32	18 24	21 4			n.a.
S 27	21 46	1 48	4 52	13 42	3 11	14 40	0 31	3 13	0 42	4 37	0 34	9 39	1 25	24 46	0 41	22 25	0 8	13 46	11 4	18 32	18 23	21 4			n.a.
M28	21 57	2s48	4 17	13 50	3 1	15 7	0 29	3 31	0 41	4 36	0 34	9 41	1 25	24 47	0 41	22 25	0 8	13 46	11 4	18 32	18 22	21 4			n.a.
T 29	22 8	7 10	3 30	14 1	2 50	15 32	0 26	3 49	0 41	4 36	0 34	9 43	1 26	24 47	0 41	22 25	0 8	13 46	11 4	18 33	18 22	21 4			n.a.
W30	22 18	11 11	2 35	14 13	2 39	15 58	0 23	4 8	0 40	4 35	0 34	9 45	1 26	24 47	0 41	22 24	0 8	13 46	11 4	18 33	18 21	21 4			n.a.
T 31	22s27	14s41	1s34	14s28	2n28	16s23	0n21	4s26	0n39	4n35	0s33	9s48	1n26	24n47	0n41	22n24	0n 8	13n46	11n 5	18s34	18s20	21s 4			n.a.

Julian Day Number = 199395.5, Delta T = 32h13m05s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'20, Lahiri = -61°12'20 Julian Calendar 1 Dec. 4168 BCE == Greg. Calendar 29 Oct. 4168 BCE

The year -4167 astronomical counting style corresponds to year 4168 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

JANUARY 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 32 45	10♐13'11	15♏58	15♏27	15♏58	13♎ 8	12°R30	28♎16	2°R13	8°R 3	21♍ 2	21°R11	20♏17	13♐57	n.a.	F 1
S 2	4 36 42	11°13'03	27°49	15°52	17°12	13°52	12♈28	28°22	2♋11	8♊ 1	21° 3	21♏11	20°14	14° 4	n.a.	S 2
S 3	4 40 38	12°12'54	9♐37	16°22	18°26	14°36	12°27	28°28	2° 9	7°59	21° 4	21°10	20°11	14°11	n.a.	S 3
M 4	4 44 35	13°12'42	21°25	16°56	19°40	15°20	12°26	28°34	2° 6	7°58	21° 4	21° 8	20° 7	14°17	n.a.	M 4
T 5	4 48 31	14°12'28	3♑14	17°35	20°53	16° 4	12°25	28°40	2° 4	7°56	21° 5	21° 4	20° 4	14°24	n.a.	T 5
W 6	4 52 28	15°12'11	15° 8	18°18	22° 7	16°48	12°25	28°45	2° 1	7°54	21° 6	21° 0	20° 1	14°31	n.a.	W 6
T 7	4 56 24	16°11'52	27° 8	19° 4	23°21	17°32	12°24	28°51	1°59	7°53	21° 6	20°56	19°58	14°37	n.a.	T 7
F 8	5 0 21	17°11'31	9♒16	19°53	24°35	18°16	12°24	28°56	1°56	7°51	21° 7	20°52	19°55	14°44	n.a.	F 8
S 9	5 4 17	18°11'07	21°35	20°46	25°48	19° 0	12°D24	29° 2	1°54	7°49	21° 7	20°48	19°51	14°51	n.a.	S 9
S 10	5 8 14	19°10'41	4♓10	21°42	27° 2	19°44	12°24	29° 7	1°51	7°48	21° 8	20°46	19°48	14°57	n.a.	S 10
M11	5 12 10	20°10'11	17° 2	22°41	28°16	20°28	12°24	29°13	1°49	7°46	21° 8	20°D45	19°45	15° 4	n.a.	M11
T 12	5 16 7	21° 9'40	0♈15	23°42	29°30	21°12	12°25	29°18	1°46	7°45	21° 9	20°45	19°42	15°11	n.a.	T 12
W13	5 20 4	22° 9'06	13°53	24°46	0♐43	21°56	12°26	29°23	1°44	7°43	21° 9	20°47	19°39	15°17	n.a.	W13
T 14	5 24 0	23° 8'29	27°56	25°52	1°57	22°40	12°27	29°29	1°41	7°41	21°10	20°48	19°36	15°24	n.a.	T 14
F 15	5 27 57	24° 7'49	12♉24	27° 0	3°11	23°24	12°28	29°34	1°39	7°40	21°10	20°49	19°32	15°30	n.a.	F 15
S 16	5 31 53	25° 7'08	27°14	28°11	4°24	24° 8	12°29	29°39	1°36	7°38	21°10	20°R49	19°29	15°37	n.a.	S 16
S 17	5 35 50	26° 6'23	12♊21	29°24	5°38	24°53	12°30	29°44	1°34	7°37	21°11	20°48	19°26	15°44	n.a.	S 17
M18	5 39 46	27° 5'37	27°36	0♐38	6°52	25°37	12°32	29°49	1°31	7°35	21°11	20°45	19°23	15°50	n.a.	M18
T 19	5 43 43	28° 4'48	12♋48	1°55	8° 5	26°21	12°34	29°54	1°29	7°33	21°11	20°40	19°20	15°57	n.a.	T 19
W20	5 47 39	29° 3'57	27°48	3°13	9°19	27° 5	12°36	29°58	1°26	7°32	21°11	20°34	19°17	16° 4	n.a.	W20
T 21	5 51 36	0♑ 3'04	12♌27	4°33	10°33	27°49	12°38	0♏ 3	1°23	7°30	21°11	20°28	19°13	16°10	n.a.	T 21
F 22	5 55 32	1° 2'08	26°40	5°55	11°46	28°33	12°41	0° 8	1°21	7°29	21°11	20°23	19°10	16°17	n.a.	F 22
S 23	5 59 29	2° 1'11	10♍23	7°18	13° 0	29°17	12°43	0°12	1°18	7°27	21°12	20°20	19° 7	16°24	n.a.	S 23
S 24	6 3 25	3° 0'11	23°37	8°43	14°13	0♏ 1	12°46	0°17	1°16	7°26	21°12	20°17	19° 4	16°30	n.a.	S 24
M25	6 7 22	3°59'10	6♎26	10°10	15°27	0°45	12°49	0°21	1°13	7°24	21°R12	20°D17	19° 1	16°37	n.a.	M25
T 26	6 11 19	4°58'06	18°53	11°38	16°41	1°30	12°52	0°26	1°10	7°23	21°12	20°18	18°57	16°44	n.a.	T 26
W27	6 15 15	5°57'01	1♏ 2	13° 8	17°54	2°14	12°56	0°30	1° 8	7°22	21°12	20°19	18°54	16°50	n.a.	W27
T 28	6 19 12	6°55'53	13° 0	14°39	19° 8	2°58	12°59	0°34	1° 5	7°20	21°11	20°20	18°51	16°57	n.a.	T 28
F 29	6 23 8	7°54'44	24°50	16°12	20°22	3°42	13° 3	0°38	1° 3	7°19	21°11	20°R21	18°48	17° 4	n.a.	F 29
S 30	6 27 5	8°53'32	6♐37	17°46	21°35	4°26	13° 7	0°42	1° 0	7°17	21°11	20°19	18°45	17°10	n.a.	S 30
S 31	6 31 1	9♑52'19	18♐24	19♐22	22♐49	5♏10	13♈11	0♏46	0♋58	7♊16	21♍11	20♏15	18♏42	17♐17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s36	17s32	0s29	14s45	2n17	16s48	0n18	4s44	0n38	4n34	0s33	9s50	1n26	24n47	0n41	22n24	0n 8	13n46	11n 5	18s34	18s19	21s 4		n.a.	F 1
S 2	22 45	19 38	0n37	15 3	2 5	17 12	0 15	5 2	0 38	4 34	0 33	9 52	1 26	24 47	0 41	22 24	0 8	13 46	11 5	18 34	18 18	21 4		n.a.	S 2
S 3	22 53	20 52	1 40	15 23	1 54	17 36	0 13	5 21	0 37	4 33	0 33	9 54	1 26	24 47	0 41	22 23	0 8	13 46	11 6	18 33	18 17	21 4		n.a.	S 3
M 4	23 1	21 11	2 39	15 44	1 43	17 59	0 10	5 39	0 36	4 33	0 32	9 56	1 26	24 47	0 41	22 23	0 8	13 46	11 6	18 33	18 16	21 4		n.a.	M 4
T 5	23 9	20 33	3 32	16 6	1 31	18 22	0 7	5 57	0 35	4 33	0 32	9 58	1 26	24 47	0 41	22 23	0 8	13 46	11 6	18 32	18 15	21 4		n.a.	T 5
W 6	23 16	19 0	4 15	16 29	1 20	18 44	0 5	6 15	0 34	4 33	0 32	10 0	1 26	24 47	0 41	22 23	0 8	13 46	11 6	18 31	18 15	21 4		n.a.	W 6
T 7	23 22	16 37	4 48	16 53	1 9	19 6	0 2	6 33	0 34	4 33	0 32	10 2	1 26	24 47	0 41	22 22	0 8	13 46	11 7	18 30	18 14	21 4		n.a.	T 7
F 8	23 28	13 30	5 8	17 17	0 58	19 27	0s 0	6 51	0 33	4 33	0 31	10 4	1 26	24 47	0 41	22 22	0 8	13 46	11 7	18 28	18 13	21 4		n.a.	F 8
S 9	23 34	9 46	5 14	17 42	0 47	19 48	0 3	7 9	0 32	4 33	0 31	10 6	1 26	24 47	0 41	22 22	0 8	13 46	11 7	18 28	18 12	21 4		n.a.	S 9
S 10	23 39	5 32	5 6	18 7	0 37	20 8	0 6	7 27	0 31	4 34	0 31	10 8	1 26	24 47	0 41	22 22	0 8	13 46	11 8	18 27	18 11	21 4		n.a.	S 10
M11	23 44	0 57	4 42	18 32	0 26	20 28	0 8	7 45	0 30	4 34	0 31	10 10	1 26	24 47	0 41	22 21	0 8	13 46	11 8	18 27	18 10	21 4		n.a.	M11
T 12	23 48	3n48	4 3	18 58	0 16	20 47	0 11	8 3	0 29	4 35	0 30	10 12	1 26	24 47	0 41	22 21	0 8	13 46	11 8	18 27	18 9	21 3		n.a.	T 12
W13	23 52	8 31	3 9	19 23	0 6	21 5	0 13	8 20	0 29	4 35	0 30	10 14	1 26	24 48	0 41	22 21	0 8	13 46	11 8	18 27	18 8	21 3		n.a.	W13
T 14	23 56	12 55	2 2	19 49	0s 3	21 23	0 16	8 38	0 28	4 36	0 30	10 16	1 26	24 48	0 41	22 21	0 8	13 46	11 9	18 27	18 7	21 3		n.a.	T 14
F 15	23 59	16 43	0 46	20 14	0 12	21 41	0 18	8 56	0 27	4 36	0 30	10 17	1 26	24 48	0 41	22 20	0 8	13 46	11 9	18 28	18 7	21 3		n.a.	F 15
S 16	24 1	19 31	0s35	20 39	0 21	21 57	0 21	9 13	0 26	4 37	0 29	10 19	1 26	24 48	0 42	22 20	0 8	13 46	11 9	18 28	18 6	21 3		n.a.	S 16
S 17	24 3	21 1	1 55	21 4	0 30	22 13	0 23	9 31	0 25	4 38	0 29	10 21	1 26	24 48	0 42	22 20	0 8	13 47	11 10	18 27	18 5	21 3		n.a.	S 17
M18	24 5	20 58	3 7	21 29	0 38	22 29	0 25	9 48	0 24	4 39	0 29	10 23	1 26	24 48	0 42	22 20	0 8	13 47	11 10	18 27	18 4	21 3		n.a.	M18
T 19	24 6	19 24	4 6	21 53	0 46	22 44	0 28	10 5	0 23	4 40	0 29	10 24	1 26	24 48	0 42	22 19	0 8	13 47	11 10	18 25	18 3	21 3		n.a.	T 19
W20	24 6	16 30	4 47	22 16	0 54	22 58	0 30	10 23	0 22	4 41	0 28	10 26	1 26	24 48	0 42	22 19	0 8	13 47	11 10	18 24	18 2	21 3		n.a.	W20
T 21	24 7	12 38	5 8	22 39	1 1	23 11	0 32	10 40	0 21	4 42	0 28	10 28	1 26	24 48	0 42	22 19	0 8	13 47	11 11	18 22	18 1	21 3		n.a.	T 21
F 22	24 6	8 9	5 9	23 1	1 8	23 24	0 35	10 57	0 20	4 43	0 28	10 29	1 26	24 48	0 42	22 19	0 8	13 47	11 11	18 21	18 0	21 3		n.a.	F 22
S 23	24 6	3 24	4 52	23 22	1 15	23 36	0 37	11 14	0 19	4 44	0 28	10 31	1 26	24 48	0 42	22 18	0 8	13 48	11 11	18 20	17 59	21 3		n.a.	S 23
S 24	24 4	1s22	4 20	23 42	1 21	23 48	0 39	11 31	0 18	4 46	0 27	10 33	1 26	24 48	0 42	22 18	0 8	13 48	11 11	18 19	17 59	21 3		n.a.	S 24
M25	24 3	5 55	3 36	24 2	1 27	23 58	0 41	11 48	0 17	4 47	0 27	10 34	1 27	24 48	0 42	22 18	0 8	13 48	11 12	18 19	17 58	21 2		n.a.	M25
T 26	24 1	10 5	2 42	24 20	1 32	24 8	0 43	12 4	0 16	4 48	0 27	10 36	1 27	24 48	0 42	22 18	0 8	13 48	11 12	18 19	17 57	21 2		n.a.	T 26
W27	23 58	13 46	1 43	24 37	1 37	24 18	0 45	12 21	0 15	4 50	0 27	10 37	1 27	24 48	0 42	22 17	0 8	13 49	11 12	18 20	17 56	21 2		n.a.	W27
T 28	23 55	16 48	0 40	24 53	1 42	24 26	0 47	12 37	0 14	4 52	0 27	10 39	1 27	24 48	0 42	22 17	0 8	13 49	11 13	18 20	17 55	21 2		n.a.	T 28
F 29	23 52	19 7	0n24	25 8	1 46	24 34	0 49	12 54	0 13	4 53	0 26	10 40	1 27	24 48	0 42	22 17	0 8	13 49	11 13	18 20	17 54	21 2		n.a.	F 29
S 30	23 48	20 36	1 27	25 21	1 50	24 41	0 51	13 10	0 12	4 55	0 26	10 41	1 27	24 48	0 42	22 17	0 8	13 50	11 13	18 19	17 53	21 2		n.a.	S 30
S 31	23s44	21s10	2n26	25s33	1s53	24s48	0s53	13s26	0n11	4n57	0s26	10s43	1n27	24n48	0n42	22n17	0n 9	13n50	11n13	18s18	17s52	21s 2		n.a.	S 31

Julian Day Number = 199426.5, Delta T = 32h13m02s
Ecliptic obliquity = 24°06'46, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'16, Lahiri = -61°12'15 Julian Calendar 1 Jan. 4167 BCE == Greg. Calendar 29 Nov. 4168 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

FEBRUARY 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 34 58	10♉51'03	0♉14	20♐59	24♐ 2	5♏54	13♈15	0♏50	0°R55	7°R15	21°R11	20°R 9	18♏38	17♐24	n.a.	M 1
T 2	6 38 54	11°49'45	12° 9	22°38	25°16	6°38	13°19	0°54	0♋52	7♊13	21♍10	20♏ 1	18°35	17°30	n.a.	T 2
W 3	6 42 51	12°48'25	24°11	24°18	26°30	7°22	13°24	0°58	0°50	7°12	21°10	19°51	18°32	17°37	n.a.	W 3
T 4	6 46 47	13°47'02	6♒21	26° 0	27°43	8° 6	13°28	1° 2	0°47	7°11	21°10	19°41	18°29	17°44	n.a.	T 4
F 5	6 50 44	14°45'38	18°40	27°43	28°57	8°51	13°33	1° 5	0°45	7°10	21° 9	19°31	18°26	17°50	n.a.	F 5
S 6	6 54 40	15°44'10	1♓10	29°28	0♉10	9°35	13°38	1° 9	0°42	7° 8	21° 9	19°22	18°23	17°57	n.a.	S 6
S 7	6 58 37	16°42'41	13°52	1♉14	1°24	10°19	13°44	1°12	0°40	7° 7	21° 9	19°16	18°19	18° 4	n.a.	S 7
M 8	7 2 33	17°41'09	26°48	3° 2	2°38	11° 3	13°49	1°15	0°37	7° 6	21° 8	19°11	18°16	18°10	n.a.	M 8
T 9	7 6 30	18°39'35	10♈ 0	4°52	3°51	11°47	13°54	1°19	0°35	7° 5	21° 8	19° 9	18°13	18°17	n.a.	T 9
W10	7 10 27	19°37'58	23°31	6°42	5° 5	12°30	14° 0	1°22	0°33	7° 4	21° 7	19°D 9	18°10	18°24	n.a.	W10
T 11	7 14 23	20°36'19	7♉22	8°35	6°18	13°14	14° 6	1°25	0°30	7° 2	21° 7	19°10	18° 7	18°30	n.a.	T 11
F 12	7 18 20	21°34'38	21°35	10°29	7°32	13°58	14°12	1°28	0°28	7° 1	21° 6	19°R10	18° 3	18°37	n.a.	F 12
S 13	7 22 16	22°32'54	6♊ 8	12°24	8°45	14°42	14°18	1°31	0°26	7° 0	21° 6	19° 9	18° 0	18°44	n.a.	S 13
S 14	7 26 13	23°31'08	20°58	14°21	9°59	15°26	14°24	1°33	0°23	6°59	21° 5	19° 5	17°57	18°50	n.a.	S 14
M15	7 30 9	24°29'20	5♋58	16°20	11°12	16°10	14°31	1°36	0°21	6°58	21° 4	19° 0	17°54	18°57	n.a.	M15
T 16	7 34 6	25°27'30	21° 1	18°20	12°26	16°54	14°37	1°39	0°19	6°57	21° 4	18°51	17°51	19° 4	n.a.	T 16
W17	7 38 2	26°25'38	5♌57	20°21	13°39	17°38	14°44	1°41	0°16	6°56	21° 3	18°42	17°48	19°10	n.a.	W17
T 18	7 41 59	27°23'43	20°37	22°24	14°53	18°22	14°51	1°44	0°14	6°55	21° 2	18°31	17°44	19°17	n.a.	T 18
F 19	7 45 55	28°21'47	4♍53	24°28	16° 6	19° 5	14°58	1°46	0°12	6°54	21° 1	18°22	17°41	19°24	n.a.	F 19
S 20	7 49 52	29°19'49	18°42	26°33	17°20	19°49	15° 5	1°48	0°10	6°54	21° 0	18°14	17°38	19°30	n.a.	S 20
S 21	7 53 48	0♒17'50	2♎ 2	28°39	18°33	20°33	15°12	1°50	0° 8	6°53	21° 0	18° 9	17°35	19°37	n.a.	S 21
M22	7 57 45	1°15'48	14°55	0♒47	19°47	21°17	15°20	1°53	0° 6	6°52	20°59	18° 6	17°32	19°44	n.a.	M22
T 23	8 1 41	2°13'46	27°24	2°54	21° 1	22° 0	15°27	1°55	0° 4	6°51	20°58	18°D 5	17°29	19°50	n.a.	T 23
W24	8 5 38	3°11'41	9♏35	5° 3	22°14	22°44	15°35	1°56	0° 1	6°50	20°57	18° 5	17°25	19°57	n.a.	W24
T 25	8 9 35	4° 9'35	21°33	7°11	23°28	23°28	15°43	1°58	29♊59	6°50	20°56	18°R 5	17°22	20° 4	n.a.	T 25
F 26	8 13 31	5° 7'28	3♐23	9°20	24°41	24°11	15°51	2° 0	29°57	6°49	20°55	18° 4	17°19	20°10	n.a.	F 26
S 27	8 17 28	6° 5'19	15°10	11°28	25°55	24°55	15°59	2° 1	29°56	6°48	20°54	18° 1	17°16	20°17	n.a.	S 27
S 28	8 21 24	7♒ 3'08	26♐58	13♒36	27♉ 8	25♏38	16♈ 7	2♏ 3	29♊54	6♊47	20♍53	17♏56	17♏13	20♐24	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s39	20s49	3n18	25s44	1s56	24s53	0s55	13s42	0n10	4n59	0s26	10s44	1n27	24n48	0n42	22n16	0n 9	13n50	11n14	18s17	17s51	21s 2		n.a.
T 2	23 34	19 31	4 2	25 53	1 59	24 58	0 57	13 58	0 9	5 1	0 25	10 45	1 27	24 48	0 42	22 16	0 9	13 51	11 14	18 15	17 50	21 1		n.a.
W 3	23 28	17 21	4 36	26 0	2 1	25 2	0 59	14 14	0 8	5 3	0 25	10 47	1 27	24 48	0 42	22 16	0 9	13 51	11 14	18 12	17 50	21 1		n.a.
T 4	23 22	14 25	4 58	26 5	2 3	25 6	1 0	14 30	0 6	5 5	0 25	10 48	1 27	24 48	0 42	22 16	0 9	13 51	11 15	18 9	17 49	21 1		n.a.
F 5	23 16	10 49	5 6	26 9	2 4	25 8	1 2	14 46	0 5	5 7	0 25	10 49	1 27	24 48	0 42	22 15	0 9	13 52	11 15	18 6	17 48	21 1		n.a.
S 6	23 9	6 43	4 59	26 11	2 4	25 10	1 3	15 1	0 4	5 9	0 25	10 50	1 27	24 48	0 42	22 15	0 9	13 52	11 15	18 4	17 47	21 1		n.a.
S 7	23 2	2 15	4 38	26 11	2 4	25 11	1 5	15 17	0 3	5 11	0 24	10 51	1 27	24 48	0 42	22 15	0 9	13 53	11 15	18 2	17 46	21 1		n.a.
M 8	22 54	2n23	4 3	26 8	2 4	25 12	1 6	15 32	0 2	5 14	0 24	10 53	1 27	24 48	0 42	22 15	0 9	13 53	11 16	18 1	17 45	21 1		n.a.
T 9	22 46	7 1	3 14	26 4	2 3	25 11	1 8	15 47	0 1	5 16	0 24	10 54	1 27	24 48	0 42	22 15	0 9	13 53	11 16	18 0	17 44	21 0		n.a.
W10	22 38	11 26	2 13	25 57	2 1	25 10	1 9	16 2	0s 0	5 19	0 24	10 55	1 28	24 48	0 42	22 14	0 9	13 54	11 16	18 0	17 43	21 0		n.a.
T 11	22 29	15 21	1 3	25 49	1 59	25 8	1 11	16 17	0 2	5 21	0 24	10 56	1 28	24 48	0 42	22 14	0 9	13 54	11 16	18 0	17 42	21 0		n.a.
F 12	22 19	18 28	0s13	25 37	1 57	25 5	1 12	16 31	0 3	5 24	0 23	10 57	1 28	24 48	0 42	22 14	0 9	13 55	11 17	18 0	17 41	21 0		n.a.
S 13	22 10	20 28	1 29	25 24	1 54	25 2	1 13	16 46	0 4	5 26	0 23	10 58	1 28	24 48	0 42	22 14	0 9	13 55	11 17	18 0	17 41	21 0		n.a.
S 14	22 0	21 7	2 41	25 8	1 50	24 58	1 14	17 0	0 5	5 29	0 23	10 59	1 28	24 48	0 42	22 14	0 9	13 56	11 17	17 59	17 40	20 59		n.a.
M15	21 49	20 16	3 42	24 50	1 45	24 53	1 15	17 15	0 6	5 32	0 23	11 0	1 28	24 48	0 42	22 14	0 9	13 56	11 17	17 57	17 39	20 59		n.a.
T 16	21 39	18 0	4 28	24 29	1 40	24 47	1 16	17 29	0 8	5 34	0 23	11 0	1 28	24 48	0 42	22 13	0 9	13 57	11 17	17 55	17 38	20 59		n.a.
W17	21 27	14 32	4 56	24 5	1 35	24 40	1 17	17 43	0 9	5 37	0 22	11 1	1 28	24 48	0 42	22 13	0 9	13 57	11 18	17 52	17 37	20 59		n.a.
T 18	21 16	10 15	5 3	23 39	1 29	24 33	1 18	17 56	0 10	5 40	0 22	11 2	1 28	24 48	0 42	22 13	0 9	13 58	11 18	17 49	17 36	20 59		n.a.
F 19	21 4	5 29	4 51	23 11	1 22	24 25	1 19	18 10	0 11	5 43	0 22	11 3	1 28	24 48	0 42	22 13	0 9	13 58	11 18	17 47	17 35	20 58		n.a.
S 20	20 52	0 36	4 22	22 40	1 15	24 16	1 20	18 23	0 13	5 46	0 22	11 3	1 28	24 48	0 42	22 13	0 9	13 59	11 18	17 45	17 34	20 58		n.a.
S 21	20 39	4s10	3 39	22 6	1 7	24 7	1 21	18 37	0 14	5 49	0 22	11 4	1 28	24 48	0 42	22 13	0 9	13 59	11 19	17 43	17 33	20 58		n.a.
M22	20 26	8 35	2 47	21 30	0 59	23 57	1 21	18 50	0 15	5 52	0 21	11 5	1 28	24 48	0 42	22 13	0 9	14 0	11 19	17 42	17 32	20 58		n.a.
T 23	20 13	12 30	1 48	20 52	0 50	23 46	1 22	19 3	0 17	5 55	0 21	11 5	1 29	24 48	0 42	22 12	0 9	14 0	11 19	17 42	17 31	20 58		n.a.
W24	19 59	15 48	0 45	20 12	0 41	23 34	1 22	19 16	0 18	5 59	0 21	11 6	1 29	24 48	0 41	22 12	0 9	14 1	11 19	17 42	17 30	20 57		n.a.
T 25	19 45	18 22	0n18	19 30	0 31	23 22	1 23	19 28	0 19	6 2	0 21	11 7	1 29	24 48	0 41	22 12	0 9	14 1	11 19	17 42	17 30	20 57		n.a.
F 26	19 31	20 6	1 20	18 45	0 21	23 9	1 23	19 41	0 21	6 5	0 21	11 7	1 29	24 48	0 41	22 12	0 9	14 2	11 20	17 42	17 29	20 57		n.a.
S 27	19 16	20 58	2 19	18 0	0 11	22 56	1 24	19 53	0 22	6 9	0 20	11 8	1 29	24 48	0 41	22 12	0 9	14 3	11 20	17 41	17 28	20 57		n.a.
S 28	19s 2	20s54	3n11	17s12	0s 0	22s41	1s24	20s 5	0s23	6n12	0s20	11s 8	1n29	24n48	0n41	22n12	0n 9	14n 3	11n20	17s39	17s27	20s56		n.a.

Julian Day Number = 199457.5, Delta T = 32h12m59s
Ecliptic obliquity = 24°06'45, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'12, Lahiri = -61°12'11 Julian Calendar 1 Feb. 4167 BCE == Greg. Calendar 30 Dec. 4168 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

MARCH 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 25 21	8♒ 0'56	8♉53	15♒43	28♉22	26♏22	16♈15	2♏ 4	29°R52	6°R47	20°R52	17°R47	17♏ 9	20♐30	n.a.	M 1
T 2	8 29 17	8°58'42	20°55	17°49	29°35	27° 5	16°23	2° 6	29♊50	6♊46	20♍51	17♏37	17° 6	20°37	n.a.	T 2
W 3	8 33 14	9°56'27	3♒ 7	19°54	0♒49	27°49	16°32	2° 7	29°48	6°46	20°50	17°24	17° 3	20°44	n.a.	W 3
T 4	8 37 10	10°54'10	15°31	21°57	2° 2	28°32	16°41	2° 8	29°46	6°45	20°49	17°11	17° 0	20°50	n.a.	T 4
F 5	8 41 7	11°51'51	28° 6	23°58	3°16	29°15	16°49	2° 9	29°45	6°45	20°48	16°58	16°57	20°57	n.a.	F 5
S 6	8 45 3	12°49'31	10♓52	25°56	4°30	29°59	16°58	2°10	29°43	6°44	20°46	16°46	16°54	21° 4	n.a.	S 6
S 7	8 49 0	13°47'09	23°50	27°52	5°43	0♐42	17° 7	2°11	29°41	6°44	20°45	16°37	16°50	21°10	n.a.	S 7
M 8	8 52 56	14°44'45	6♈59	29°46	6°57	1°25	17°16	2°11	29°40	6°43	20°44	16°31	16°47	21°17	n.a.	M 8
T 9	8 56 53	15°42'19	20°21	1♓37	8°10	2° 8	17°26	2°12	29°38	6°43	20°43	16°27	16°44	21°24	n.a.	T 9
W10	9 0 50	16°39'52	3♉56	3°25	9°24	2°51	17°35	2°13	29°37	6°43	20°42	16°26	16°41	21°31	n.a.	W10
T 11	9 4 46	17°37'23	17°44	5° 9	10°37	3°34	17°44	2°13	29°35	6°42	20°40	16°25	16°38	21°37	n.a.	T 11
F 12	9 8 43	18°34'52	1♊47	6°51	11°51	4°17	17°54	2°13	29°34	6°42	20°39	16°25	16°34	21°44	n.a.	F 12
S 13	9 12 39	19°32'20	16° 5	8°29	13° 4	5° 0	18° 4	2°14	29°32	6°42	20°38	16°24	16°31	21°51	n.a.	S 13
S 14	9 16 36	20°29'46	0♋35	10° 4	14°18	5°43	18°13	2°14	29°31	6°41	20°36	16°20	16°28	21°57	n.a.	S 14
M15	9 20 32	21°27'10	15°13	11°35	15°31	6°26	18°23	2°R14	29°30	6°41	20°35	16°13	16°25	22° 4	n.a.	M15
T 16	9 24 29	22°24'33	29°54	13° 3	16°45	7° 9	18°33	2°14	29°29	6°41	20°34	16° 4	16°22	22°11	n.a.	T 16
W17	9 28 25	23°21'54	14♌31	14°27	17°59	7°51	18°43	2°13	29°27	6°41	20°32	15°54	16°19	22°17	n.a.	W17
T 18	9 32 22	24°19'14	28°56	15°48	19°12	8°34	18°53	2°13	29°26	6°41	20°31	15°42	16°15	22°24	n.a.	T 18
F 19	9 36 18	25°16'33	13♍ 2	17° 5	20°26	9°17	19° 3	2°13	29°25	6°41	20°30	15°32	16°12	22°31	n.a.	F 19
S 20	9 40 15	26°13'50	26°45	18°19	21°39	9°59	19°14	2°12	29°24	6°41	20°28	15°23	16° 9	22°37	n.a.	S 20
S 21	9 44 12	27°11'07	10♎ 3	19°28	22°53	10°42	19°24	2°12	29°23	6°D41	20°27	15°16	16° 6	22°44	n.a.	S 21
M22	9 48 8	28° 8'22	22°56	20°34	24° 6	11°24	19°35	2°11	29°22	6°41	20°25	15°12	16° 3	22°51	n.a.	M22
T 23	9 52 5	29° 5'37	5♏28	21°36	25°20	12° 6	19°45	2°10	29°21	6°41	20°24	15°10	16° 0	22°57	n.a.	T 23
W24	9 56 1	0♓ 2'51	17°40	22°34	26°33	12°49	19°56	2°10	29°20	6°41	20°22	15°D10	15°56	23° 4	n.a.	W24
T 25	9 59 58	1° 0'04	29°40	23°29	27°47	13°31	20° 7	2° 9	29°20	6°41	20°21	15°R10	15°53	23°11	n.a.	T 25
F 26	10 3 54	1°57'17	11♐32	24°19	29° 1	14°13	20°17	2° 8	29°19	6°41	20°19	15°10	15°50	23°17	n.a.	F 26
S 27	10 7 51	2°54'29	23°21	25° 5	0♓14	14°55	20°28	2° 7	29°18	6°41	20°18	15° 8	15°47	23°24	n.a.	S 27
S 28	10 11 47	3°51'40	5♉13	25°47	1°28	15°37	20°39	2° 5	29°17	6°42	20°16	15° 4	15°44	23°31	n.a.	S 28
M29	10 15 44	4°48'50	17°11	26°24	2°41	16°19	20°50	2° 4	29°17	6°42	20°15	14°58	15°40	23°37	n.a.	M29
T 30	10 19 41	5°46'00	29°20	26°57	3°55	17° 1	21° 1	2° 3	29°16	6°42	20°13	14°49	15°37	23°44	n.a.	T 30
W31	10 23 37	6♓43'09	11♒43	27♓26	5♓ 9	17♐42	21♈13	2♏ 1	29♊16	6♊43	20♍12	14♏38	15♏34	23♐51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	18s46	19s54	3n55	16s24	0n11	22s27	1s24	20s17	0s25	6n15	0s20	11s 8	1n29	24n48	0n41	22n12	0n 9	14n 4	11n20	17s37	17s26	20s56			n.a.
T 2	18 31	18 0	4 29	15 35	0 22	22 11	1 24	20 29	0 26	6 19	0 20	11 9	1 29	24 48	0 41	22 12	0 9	14 4	11 20	17 34	17 25	20 56			n.a.
W 3	18 15	15 17	4 51	14 45	0 33	21 55	1 25	20 40	0 27	6 22	0 20	11 9	1 29	24 48	0 41	22 12	0 9	14 5	11 20	17 30	17 24	20 56			n.a.
T 4	17 59	11 52	5 0	13 54	0 44	21 38	1 25	20 52	0 29	6 26	0 19	11 10	1 29	24 48	0 41	22 12	0 9	14 6	11 21	17 26	17 23	20 55			n.a.
F 5	17 43	7 52	4 55	13 3	0 54	21 21	1 25	21 3	0 30	6 30	0 19	11 10	1 29	24 48	0 41	22 11	0 9	14 6	11 21	17 22	17 22	20 55			n.a.
S 6	17 26	3 29	4 35	12 13	1 5	21 3	1 25	21 14	0 32	6 33	0 19	11 10	1 29	24 48	0 41	22 11	0 9	14 7	11 21	17 19	17 21	20 55			n.a.
S 7	17 9	1n 8	4 0	11 22	1 15	20 44	1 24	21 25	0 33	6 37	0 19	11 10	1 29	24 48	0 41	22 11	0 9	14 7	11 21	17 16	17 20	20 55			n.a.
M 8	16 52	5 47	3 12	10 32	1 26	20 25	1 24	21 35	0 34	6 41	0 19	11 10	1 30	24 48	0 41	22 11	0 9	14 8	11 21	17 14	17 19	20 54			n.a.
T 9	16 34	10 13	2 13	9 43	1 35	20 5	1 24	21 46	0 36	6 45	0 19	11 11	1 30	24 48	0 41	22 11	0 9	14 9	11 21	17 13	17 18	20 54			n.a.
W10	16 17	14 12	1 6	8 55	1 45	19 45	1 24	21 56	0 37	6 48	0 18	11 11	1 30	24 48	0 41	22 11	0 9	14 9	11 21	17 13	17 17	20 54			n.a.
T 11	15 59	17 29	0s 7	8 8	1 53	19 24	1 23	22 6	0 39	6 52	0 18	11 11	1 30	24 48	0 41	22 11	0 9	14 10	11 22	17 13	17 17	20 53			n.a.
F 12	15 41	19 47	1 20	7 22	2 2	19 2	1 23	22 15	0 40	6 56	0 18	11 11	1 30	24 48	0 41	22 11	0 9	14 10	11 22	17 13	17 16	20 53			n.a.
S 13	15 22	20 53	2 30	6 38	2 9	18 40	1 22	22 25	0 42	7 0	0 18	11 11	1 30	24 48	0 41	22 11	0 9	14 11	11 22	17 12	17 15	20 53			n.a.
S 14	15 4	20 36	3 31	5 55	2 17	18 18	1 22	22 34	0 43	7 4	0 18	11 11	1 30	24 48	0 41	22 11	0 9	14 12	11 22	17 11	17 14	20 52			n.a.
M15	14 45	18 56	4 19	5 13	2 23	17 55	1 21	22 44	0 45	7 8	0 18	11 11	1 30	24 48	0 41	22 11	0 9	14 12	11 22	17 9	17 13	20 52			n.a.
T 16	14 26	16 2	4 49	4 33	2 29	17 32	1 20	22 53	0 46	7 12	0 17	11 11	1 30	24 48	0 41	22 11	0 9	14 13	11 22	17 7	17 12	20 52			n.a.
W17	14 6	12 9	5 1	3 56	2 34	17 8	1 20	23 1	0 48	7 16	0 17	11 11	1 30	24 48	0 41	22 11	0 9	14 14	11 22	17 4	17 11	20 51			n.a.
T 18	13 47	7 36	4 53	3 20	2 39	16 43	1 19	23 10	0 49	7 20	0 17	11 10	1 30	24 48	0 41	22 11	0 9	14 14	11 22	17 0	17 10	20 51			n.a.
F 19	13 27	2 45	4 27	2 46	2 42	16 19	1 18	23 18	0 51	7 24	0 17	11 10	1 30	24 48	0 41	22 11	0 9	14 15	11 22	16 57	17 9	20 51			n.a.
S 20	13 7	2s 8	3 47	2 14	2 45	15 54	1 17	23 26	0 52	7 28	0 17	11 10	1 30	24 48	0 41	22 11	0 9	14 16	11 22	16 54	17 8	20 51			n.a.
S 21	12 47	6 45	2 55	1 44	2 47	15 28	1 16	23 34	0 54	7 33	0 17	11 10	1 30	24 48	0 41	22 11	0 9	14 16	11 23	16 52	17 7	20 50			n.a.
M22	12 27	10 56	1 55	1 16	2 49	15 2	1 15	23 42	0 56	7 37	0 16	11 9	1 31	24 48	0 41	22 11	0 9	14 17	11 23	16 51	17 6	20 50			n.a.
T 23	12 7	14 31	0 51	0 50	2 49	14 36	1 14	23 49	0 57	7 41	0 16	11 9	1 31	24 48	0 41	22 11	0 9	14 18	11 23	16 51	17 5	20 49			n.a.
W24	11 46	17 22	0n13	0 27	2 49	14 9	1 13	23 57	0 59	7 45	0 16	11 9	1 31	24 48	0 41	22 11	0 9	14 18	11 23	16 51	17 4	20 49			n.a.
T 25	11 25	19 24	1 16	0 6	2 48	13 42	1 11	24 4	1 0	7 50	0 16	11 8	1 31	24 48	0 41	22 11	0 9	14 19	11 23	16 51	17 3	20 49			n.a.
F 26	11 4	20 34	2 15	0n12	2 46	13 14	1 10	24 10	1 2	7 54	0 16	11 8	1 31	24 48	0 41	22 11	0 9	14 19	11 23	16 50	17 2	20 48			n.a.
S 27	10 43	20 48	3 8	0 28	2 43	12 46	1 9	24 17	1 3	7 58	0 16	11 8	1 31	24 48	0 41	22 11	0 9	14 20	11 23	16 50	17 1	20 48			n.a.
S 28	10 22	20 7	3 53	0 42	2 39	12 18	1 8	24 23	1 5	8 3	0 16	11 7	1 31	24 47	0 41	22 11	0 9	14 21	11 23	16 49	17 1	20 48			n.a.
M29	10 1	18 32	4 28	0 52	2 34	11 50	1 6	24 30	1 7	8 7	0 15	11 7	1 31	24 47	0 41	22 11	0 9	14 21	11 23	16 47	17 0	20 47			n.a.
T 30	9 39	16 6	4 52	1 1	2 28	11 21	1 5	24 35	1 8	8 12	0 15	11 6	1 31	24 47	0 41	22 11	0 9	14 22	11 23	16 44	16 59	20 47			n.a.
W31	9s17	12s55	5n 2	1n 6	2n22	10s52	1s 3	24s41	1s10	8n16	0s15	11s 5	1n31	24n47	0n41	22n11	0n 9	14n23	11n23	16s41	16s58	20s47			n.a.

Julian Day Number = 199485.5, Delta T = 32h12m56s
Ecliptic obliquity = 24°06'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'08, Lahiri = -61°12'07 Julian Calendar 1 March 4167 BCE == Greg. Calendar 27 Jan. 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

APRIL 4167 BCE (-4166) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 27 34	7♓40'17	24♒20	27♓51	6♓22	18♐24	21♈24	2°R 0	29°R15	6♊43	20°R10	14°R27	15♏31	23♐57	n.a.	T 1
F 2	10 31 30	8°37'24	7♓12	28°10	7°36	19° 5	21°35	1♏58	29♊15	6°43	20♍ 9	14♏15	15°28	24° 4	n.a.	F 2
S 3	10 35 27	9°34'31	20°18	28°26	8°49	19°47	21°47	1°56	29°15	6°44	20° 7	14° 6	15°25	24°11	n.a.	S 3
S 4	10 39 23	10°31'37	3♈37	28°36	10° 3	20°28	21°58	1°54	29°14	6°44	20° 5	13°58	15°21	24°17	n.a.	S 4
M 5	10 43 20	11°28'42	17° 8	28°42	11°17	21° 9	22°10	1°52	29°14	6°45	20° 4	13°52	15°18	24°24	n.a.	M 5
T 6	10 47 16	12°25'47	0♉49	28°R44	12°30	21°50	22°21	1°50	29°14	6°45	20° 2	13°50	15°15	24°31	n.a.	T 6
W 7	10 51 13	13°22'50	14°38	28°41	13°44	22°31	22°33	1°48	29°14	6°46	20° 1	13°D49	15°12	24°37	n.a.	W 7
T 8	10 55 10	14°19'53	28°35	28°34	14°58	23°12	22°45	1°46	29°14	6°46	19°59	13°49	15° 9	24°44	n.a.	T 8
F 9	10 59 6	15°16'55	12♊39	28°22	16°11	23°53	22°57	1°44	29°D14	6°47	19°57	13°R50	15° 6	24°51	n.a.	F 9
S 10	11 3 3	16°13'57	26°50	28° 7	17°25	24°34	23° 8	1°41	29°14	6°48	19°56	13°50	15° 2	24°57	n.a.	S 10
S 11	11 6 59	17°10'57	11♋ 5	27°47	18°39	25°14	23°20	1°39	29°14	6°48	19°54	13°47	14°59	25° 4	n.a.	S 11
M12	11 10 56	18° 7'57	25°22	27°24	19°52	25°55	23°32	1°36	29°14	6°49	19°53	13°43	14°56	25°11	n.a.	M12
T 13	11 14 52	19° 4'56	9♌39	26°58	21° 6	26°35	23°44	1°34	29°14	6°50	19°51	13°37	14°53	25°17	n.a.	T 13
W14	11 18 49	20° 1'55	23°49	26°30	22°20	27°16	23°56	1°31	29°14	6°50	19°49	13°29	14°50	25°24	n.a.	W14
T 15	11 22 46	20°58'53	7♍49	25°59	23°33	27°56	24° 9	1°28	29°14	6°51	19°48	13°20	14°46	25°31	n.a.	T 15
F 16	11 26 42	21°55'50	21°34	25°26	24°47	28°36	24°21	1°25	29°15	6°52	19°46	13°12	14°43	25°38	n.a.	F 16
S 17	11 30 39	22°52'48	5♎ 1	24°52	26° 0	29°16	24°33	1°22	29°15	6°53	19°44	13° 6	14°40	25°44	n.a.	S 17
S 18	11 34 35	23°49'45	18° 8	24°18	27°14	29°55	24°45	1°19	29°16	6°54	19°43	13° 1	14°37	25°51	n.a.	S 18
M19	11 38 32	24°46'42	0♏54	23°43	28°28	0♑35	24°58	1°16	29°16	6°55	19°41	12°58	14°34	25°58	n.a.	M19
T 20	11 42 28	25°43'39	13°22	23°10	29°41	1°14	25°10	1°13	29°17	6°56	19°40	12°D58	14°31	26° 4	n.a.	T 20
W21	11 46 25	26°40'37	25°34	22°37	0♈55	1°54	25°23	1°10	29°17	6°57	19°38	12°58	14°27	26°11	n.a.	W21
T 22	11 50 21	27°37'34	7♐35	22° 6	2° 9	2°33	25°35	1° 7	29°18	6°58	19°36	13° 0	14°24	26°18	n.a.	T 22
F 23	11 54 18	28°34'32	19°27	21°37	3°23	3°12	25°48	1° 3	29°19	6°59	19°35	13° 1	14°21	26°24	n.a.	F 23
S 24	11 58 15	29°31'30	1♑18	21°11	4°36	3°51	26° 0	1° 0	29°19	7° 0	19°33	13°R 1	14°18	26°31	n.a.	S 24
S 25	12 2 11	0♈28'28	13°12	20°48	5°50	4°30	26°13	0°56	29°20	7° 1	19°32	13° 0	14°15	26°38	n.a.	S 25
M26	12 6 8	1°25'27	25°13	20°29	7° 4	5° 9	26°25	0°53	29°21	7° 2	19°30	12°58	14°11	26°44	n.a.	M26
T 27	12 10 4	2°22'26	7♒26	20°14	8°17	5°47	26°38	0°49	29°22	7° 3	19°29	12°53	14° 8	26°51	n.a.	T 27
W28	12 14 1	3°19'25	19°55	20° 3	9°31	6°25	26°51	0°46	29°23	7° 4	19°27	12°48	14° 5	26°58	n.a.	W28
T 29	12 17 58	4°16'25	2♓41	19°57	10°45	7° 4	27° 4	0°42	29°24	7° 6	19°25	12°42	14° 2	27° 4	n.a.	T 29
F 30	12 21 54	5♈13'25	15♓47	19°D55	11♈59	7♑42	27♈16	0♏38	29♊25	7♊ 7	19♍24	12♏35	13♏59	27♐11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s56	9s 6	4n58	1n 9	2n14	10s22	1s 2	24s47	1s12	8n21	0s15	11s 5	1n31	24n47	0n41	22n11	0n 9	14n23	11n23	16s37	16s57	20s46		n.a.
F 2	8 34	4 48	4 39	1 10	2 5	9 53	1 0	24 52	1 13	8 25	0 15	11 4	1 31	24 47	0 41	22 11	0 9	14 24	11 23	16 34	16 56	20 46		n.a.
S 3	8 12	0 13	4 5	1 7	1 56	9 23	0 58	24 57	1 15	8 30	0 15	11 3	1 31	24 47	0 41	22 12	0 9	14 25	11 23	16 31	16 55	20 45		n.a.
S 4	7 50	4n29	3 17	1 2	1 45	8 53	0 57	25 2	1 17	8 34	0 14	11 3	1 31	24 47	0 41	22 12	0 9	14 25	11 23	16 28	16 54	20 45		n.a.
M 5	7 27	9 1	2 17	0 54	1 34	8 23	0 55	25 7	1 18	8 39	0 14	11 2	1 31	24 47	0 41	22 12	0 9	14 26	11 23	16 27	16 53	20 45		n.a.
T 6	7 5	13 9	1 9	0 44	1 22	7 52	0 53	25 11	1 20	8 43	0 14	11 1	1 31	24 47	0 41	22 12	0 9	14 26	11 23	16 26	16 52	20 44		n.a.
W 7	6 43	16 37	0s 4	0 31	1 9	7 21	0 51	25 15	1 22	8 48	0 14	11 0	1 31	24 47	0 41	22 12	0 9	14 27	11 23	16 26	16 51	20 44		n.a.
T 8	6 20	19 8	1 18	0 15	0 55	6 51	0 49	25 19	1 23	8 52	0 14	11 0	1 31	24 47	0 41	22 12	0 9	14 28	11 23	16 26	16 50	20 43		n.a.
F 9	5 57	20 30	2 28	0s 3	0 41	6 19	0 48	25 23	1 25	8 57	0 14	10 59	1 31	24 47	0 40	22 12	0 9	14 28	11 23	16 26	16 49	20 43		n.a.
S 10	5 35	20 35	3 29	0 23	0 26	5 48	0 46	25 27	1 27	9 2	0 14	10 58	1 32	24 47	0 40	22 12	0 9	14 29	11 23	16 26	16 48	20 43		n.a.
S 11	5 12	19 21	4 18	0 45	0 10	5 17	0 44	25 30	1 29	9 6	0 13	10 57	1 32	24 47	0 40	22 12	0 9	14 29	11 22	16 25	16 47	20 42		n.a.
M12	4 49	16 54	4 51	1 9	0s 6	4 45	0 42	25 33	1 30	9 11	0 13	10 56	1 32	24 47	0 40	22 13	0 9	14 30	11 22	16 24	16 46	20 42		n.a.
T 13	4 26	13 26	5 5	1 35	0 22	4 14	0 40	25 36	1 32	9 16	0 13	10 55	1 32	24 47	0 40	22 13	0 9	14 31	11 22	16 22	16 45	20 41		n.a.
W14	4 3	9 14	5 1	2 1	0 39	3 42	0 38	25 39	1 34	9 20	0 13	10 54	1 32	24 47	0 40	22 13	0 9	14 31	11 22	16 20	16 44	20 41		n.a.
T 15	3 40	4 35	4 39	2 29	0 55	3 10	0 35	25 41	1 36	9 25	0 13	10 53	1 32	24 47	0 40	22 13	0 9	14 32	11 22	16 17	16 43	20 40		n.a.
F 16	3 17	0s14	4 1	2 57	1 12	2 38	0 33	25 44	1 37	9 30	0 13	10 52	1 32	24 47	0 40	22 13	0 9	14 32	11 22	16 15	16 42	20 40		n.a.
S 17	2 54	4 56	3 10	3 26	1 28	2 6	0 31	25 46	1 39	9 35	0 13	10 51	1 32	24 47	0 40	22 13	0 9	14 33	11 22	16 12	16 41	20 39		n.a.
S 18	2 31	9 18	2 10	3 54	1 43	1 34	0 29	25 48	1 41	9 39	0 13	10 50	1 32	24 47	0 40	22 13	0 9	14 33	11 22	16 11	16 40	20 39		n.a.
M19	2 8	13 7	1 5	4 22	1 58	1 2	0 27	25 49	1 43	9 44	0 12	10 49	1 32	24 47	0 40	22 14	0 9	14 34	11 22	16 10	16 39	20 39		n.a.
T 20	1 45	16 15	0n 2	4 49	2 13	0 30	0 25	25 51	1 44	9 49	0 12	10 48	1 32	24 47	0 40	22 14	0 9	14 35	11 22	16 10	16 39	20 38		n.a.
W21	1 21	18 36	1 8	5 14	2 26	0n 2	0 22	25 52	1 46	9 54	0 12	10 47	1 32	24 47	0 40	22 14	0 9	14 35	11 21	16 10	16 38	20 38		n.a.
T 22	0 58	20 4	2 9	5 38	2 39	0 34	0 20	25 53	1 48	9 59	0 12	10 45	1 32	24 47	0 40	22 14	0 9	14 36	11 21	16 11	16 37	20 37		n.a.
F 23	0 35	20 37	3 5	6 1	2 50	1 6	0 18	25 54	1 50	10 3	0 12	10 44	1 32	24 47	0 40	22 14	0 9	14 36	11 21	16 11	16 36	20 37		n.a.
S 24	0 12	20 14	3 52	6 21	3 1	1 39	0 16	25 55	1 52	10 8	0 12	10 43	1 32	24 47	0 40	22 15	0 9	14 37	11 21	16 11	16 35	20 36		n.a.
S 25	0n12	18 58	4 30	6 38	3 10	2 11	0 13	25 55	1 54	10 13	0 12	10 42	1 32	24 47	0 40	22 15	0 9	14 37	11 21	16 11	16 34	20 36		n.a.
M26	0 35	16 51	4 56	6 53	3 18	2 43	0 11	25 56	1 55	10 18	0 11	10 40	1 32	24 47	0 40	22 15	0 9	14 38	11 21	16 10	16 33	20 35		n.a.
T 27	0 58	13 57	5 9	7 6	3 25	3 15	0 9	25 56	1 57	10 23	0 11	10 39	1 32	24 47	0 40	22 15	0 9	14 38	11 20	16 9	16 32	20 35		n.a.
W28	1 21	10 24	5 8	7 15	3 30	3 47	0 6	25 56	1 59	10 28	0 11	10 38	1 32	24 47	0 40	22 15	0 9	14 38	11 20	16 7	16 31	20 34		n.a.
T 29	1 45	6 17	4 52	7 21	3 34	4 19	0 4	25 56	2 1	10 32	0 11	10 37	1 32	24 47	0 40	22 16	0 9	14 39	11 20	16 5	16 30	20 34		n.a.
F 30	2n 8	1s47	4n20	7s25	3s37	4n50	0s 1	25s55	2s 3	10n37	0s11	10s35	1n32	24n47	0n40	22n16	0n 9	14n39	11n20	16s 3	16s29	20s33		n.a.

Julian Day Number = 199516.5, Delta T = 32h12m53s
Ecliptic obliquity = 24°06'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'04, Lahiri = -61°12'03 Julian Calendar 1 Apr. 4167 BCE == Greg. Calendar 27 Feb. 4167 BCE

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

MAY 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 25 51	6♈10'25	29♓11	19♓58	13♈12	8♑19	27♈29	0°R34	29♊26	7♊ 8	19°R22	12°R30	13♏56	27♐18	n.a.	S 1
S 2	12 29 47	7° 7'26	12♈52	20° 6	14°26	8°57	27°42	0♏31	29°27	7° 9	19♍21	12♏26	13°52	27°24	n.a.	S 2
M 3	12 33 44	8° 4'27	26°47	20°19	15°40	9°35	27°55	0°27	29°28	7°11	19°19	12°23	13°49	27°31	n.a.	M 3
T 4	12 37 40	9° 1'28	10♉53	20°37	16°54	10°12	28° 8	0°23	29°30	7°12	19°18	12°D22	13°46	27°38	n.a.	T 4
W 5	12 41 37	9°58'30	25° 6	21° 0	18° 8	10°49	28°21	0°19	29°31	7°13	19°16	12°23	13°43	27°44	n.a.	W 5
T 6	12 45 34	10°55'31	9♊22	21°28	19°21	11°26	28°34	0°15	29°32	7°15	19°15	12°24	13°40	27°51	n.a.	T 6
F 7	12 49 30	11°52'33	23°38	22° 1	20°35	12° 3	28°47	0°10	29°34	7°16	19°13	12°25	13°37	27°58	n.a.	F 7
S 8	12 53 27	12°49'36	7♋53	22°39	21°49	12°39	29° 0	0° 6	29°35	7°18	19°12	12°R26	13°33	28° 5	n.a.	S 8
S 9	12 57 23	13°46'38	22° 3	23°22	23° 3	13°15	29°13	0° 2	29°37	7°19	19°10	12°26	13°30	28°11	n.a.	S 9
M10	13 1 20	14°43'41	6♌ 6	24°10	24°17	13°51	29°26	29♎58	29°38	7°21	19° 9	12°25	13°27	28°18	n.a.	M10
T 11	13 5 16	15°40'44	20° 2	25° 3	25°30	14°27	29°39	29°54	29°40	7°22	19° 8	12°22	13°24	28°25	n.a.	T 11
W12	13 9 13	16°37'47	3♍47	26° 1	26°44	15° 3	29°53	29°49	29°42	7°24	19° 6	12°19	13°21	28°31	n.a.	W12
T 13	13 13 10	17°34'51	17°20	27° 3	27°58	15°39	0♉ 6	29°45	29°43	7°25	19° 5	12°15	13°17	28°38	n.a.	T 13
F 14	13 17 6	18°31'55	0♎40	28°10	29°12	16°14	0°19	29°41	29°45	7°27	19° 4	12°12	13°14	28°45	n.a.	F 14
S 15	13 21 3	19°29'00	13°45	29°21	0♉26	16°49	0°32	29°36	29°47	7°28	19° 2	12° 9	13°11	28°51	n.a.	S 15
S 16	13 24 59	20°26'06	26°34	0♈38	1°39	17°24	0°45	29°32	29°49	7°30	19° 1	12° 7	13° 8	28°58	n.a.	S 16
M17	13 28 56	21°23'12	9♏ 8	1°58	2°53	17°58	0°59	29°28	29°51	7°32	19° 0	12°D 6	13° 5	29° 5	n.a.	M17
T 18	13 32 52	22°20'20	21°27	3°23	4° 7	18°33	1°12	29°23	29°53	7°33	18°58	12° 6	13° 2	29°11	n.a.	T 18
W19	13 36 49	23°17'28	3♐35	4°52	5°21	19° 7	1°25	29°19	29°55	7°35	18°57	12° 7	12°58	29°18	n.a.	W19
T 20	13 40 46	24°14'38	15°33	6°25	6°35	19°40	1°38	29°14	29°57	7°37	18°56	12° 9	12°55	29°25	n.a.	T 20
F 21	13 44 42	25°11'49	27°26	8° 2	7°49	20°14	1°52	29°10	29°59	7°38	18°55	12°10	12°52	29°31	n.a.	F 21
S 22	13 48 39	26° 9'01	9♑17	9°43	9° 2	20°47	2° 5	29° 5	0♋ 1	7°40	18°53	12°11	12°49	29°38	n.a.	S 22
S 23	13 52 35	27° 6'14	21°10	11°28	10°16	21°20	2°18	29° 1	0° 3	7°42	18°52	12°12	12°46	29°45	n.a.	S 23
M24	13 56 32	28° 3'29	3♒11	13°16	11°30	21°53	2°31	28°56	0° 5	7°44	18°51	12°R12	12°42	29°51	n.a.	M24
T 25	14 0 28	29° 0'45	15°25	15° 6	12°44	22°26	2°45	28°52	0° 7	7°46	18°50	12°12	12°39	29°58	n.a.	T 25
W26	14 4 25	29°58'02	27°54	17° 0	13°58	22°58	2°58	28°48	0°10	7°47	18°49	12°11	12°36	0♑ 5	n.a.	W26
T 27	14 8 22	0♉55'21	10♓44	18°56	15°12	23°30	3°11	28°43	0°12	7°49	18°48	12° 9	12°33	0°12	n.a.	T 27
F 28	14 12 18	1°52'41	23°56	20°55	16°26	24° 1	3°25	28°39	0°14	7°51	18°47	12° 8	12°30	0°18	n.a.	F 28
S 29	14 16 15	2°50'02	7♈30	22°55	17°40	24°33	3°38	28°34	0°17	7°53	18°46	12° 7	12°27	0°25	n.a.	S 29
S 30	14 20 11	3°47'25	21°27	24°57	18°53	25° 4	3°51	28°30	0°19	7°55	18°45	12° 6	12°23	0°32	n.a.	S 30
M31	14 24 8	4♉44'49	5♉43	27♈ 0	20♉ 7	25♑34	4♉ 5	28♎25	0♋22	7♊57	18♍44	12°D 5	12♏20	0♑38	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n31	2n55	3n34	7s25	3s39	5n22	0n 1	25s55	2s 5	10n42	0s11	10s34	1n32	24n47	0n40	22n16	0n 9	14n40	11n20	16s 1	16s28	20s33		n.a.
S 2	2 54	7 34	2 34	7 23	3 40	5 54	0 3	25 54	2 7	10 47	0 11	10 32	1 32	24 47	0 40	22 16	0 9	14 40	11 19	16 0	16 27	20 32		n.a.
M 3	3 17	11 55	1 24	7 17	3 39	6 25	0 6	25 53	2 8	10 52	0 11	10 31	1 32	24 47	0 40	22 16	0 9	14 41	11 19	15 59	16 26	20 32		n.a.
T 4	3 40	15 38	0 8	7 8	3 37	6 57	0 8	25 52	2 10	10 57	0 10	10 30	1 32	24 46	0 40	22 17	0 9	14 41	11 19	15 59	16 25	20 31		n.a.
W 5	4 3	18 28	1s 9	6 56	3 35	7 28	0 10	25 51	2 12	11 2	0 10	10 28	1 32	24 46	0 40	22 17	0 9	14 42	11 19	15 59	16 24	20 31		n.a.
T 6	4 26	20 8	2 22	6 41	3 31	7 59	0 13	25 50	2 14	11 6	0 10	10 27	1 32	24 46	0 40	22 17	0 9	14 42	11 19	15 59	16 23	20 30		n.a.
F 7	4 49	20 31	3 27	6 24	3 26	8 30	0 15	25 48	2 16	11 11	0 10	10 25	1 32	24 46	0 40	22 17	0 9	14 42	11 18	16 0	16 22	20 30		n.a.
S 8	5 12	19 34	4 19	6 3	3 21	9 0	0 18	25 47	2 18	11 16	0 10	10 24	1 32	24 46	0 40	22 18	0 9	14 43	11 18	16 0	16 21	20 29		n.a.
S 9	5 35	17 25	4 54	5 40	3 14	9 31	0 20	25 45	2 20	11 21	0 10	10 22	1 32	24 46	0 40	22 18	0 9	14 43	11 18	16 0	16 20	20 29		n.a.
M10	5 58	14 15	5 12	5 14	3 7	10 1	0 22	25 43	2 22	11 26	0 10	10 21	1 32	24 46	0 40	22 18	0 9	14 43	11 18	16 0	16 19	20 28		n.a.
T 11	6 20	10 18	5 11	4 45	2 59	10 31	0 25	25 41	2 24	11 31	0 10	10 19	1 32	24 46	0 40	22 19	0 10	14 44	11 17	15 59	16 18	20 28		n.a.
W12	6 43	5 52	4 52	4 13	2 51	11 0	0 27	25 39	2 26	11 36	0 9	10 18	1 32	24 46	0 40	22 19	0 10	14 44	11 17	15 58	16 17	20 27		n.a.
T 13	7 5	1 12	4 17	3 40	2 41	11 30	0 29	25 37	2 28	11 41	0 9	10 16	1 31	24 46	0 40	22 19	0 10	14 44	11 17	15 57	16 16	20 26		n.a.
F 14	7 28	3s27	3 29	3 3	2 32	11 59	0 31	25 34	2 30	11 45	0 9	10 15	1 31	24 46	0 40	22 19	0 10	14 45	11 16	15 56	16 15	20 26		n.a.
S 15	7 50	7 52	2 30	2 25	2 21	12 28	0 34	25 32	2 32	11 50	0 9	10 13	1 31	24 46	0 39	22 20	0 10	14 45	11 16	15 55	16 14	20 25		n.a.
S 16	8 12	11 50	1 25	1 44	2 10	12 56	0 36	25 29	2 34	11 55	0 9	10 12	1 31	24 46	0 39	22 20	0 10	14 45	11 16	15 54	16 13	20 25		n.a.
M17	8 34	15 12	0 16	1 1	1 59	13 25	0 38	25 26	2 36	12 0	0 9	10 10	1 31	24 46	0 39	22 20	0 10	14 45	11 16	15 54	16 12	20 24		n.a.
T 18	8 56	17 49	0n51	0 16	1 48	13 53	0 40	25 23	2 38	12 5	0 9	10 9	1 31	24 46	0 39	22 20	0 10	14 46	11 15	15 54	16 11	20 24		n.a.
W19	9 18	19 34	1 56	0n32	1 36	14 20	0 43	25 20	2 40	12 10	0 9	10 7	1 31	24 46	0 39	22 21	0 10	14 46	11 15	15 54	16 10	20 23		n.a.
T 20	9 39	20 25	2 55	1 20	1 24	14 48	0 45	25 17	2 42	12 15	0 8	10 6	1 31	24 46	0 39	22 21	0 10	14 46	11 15	15 55	16 9	20 22		n.a.
F 21	10 1	20 20	3 45	2 11	1 12	15 14	0 47	25 14	2 44	12 19	0 8	10 4	1 31	24 46	0 39	22 21	0 10	14 46	11 14	15 55	16 8	20 22		n.a.
S 22	10 22	19 21	4 26	3 3	1 0	15 41	0 49	25 11	2 46	12 24	0 8	10 3	1 31	24 46	0 39	22 22	0 10	14 46	11 14	15 55	16 7	20 21		n.a.
S 23	10 44	17 32	4 56	3 56	0 47	16 7	0 51	25 7	2 48	12 29	0 8	10 1	1 31	24 46	0 39	22 22	0 10	14 47	11 14	15 56	16 6	20 21		n.a.
M24	11 5	14 55	5 13	4 50	0 35	16 33	0 53	25 4	2 50	12 34	0 8	10 0	1 31	24 46	0 39	22 22	0 10	14 47	11 13	15 56	16 5	20 20		n.a.
T 25	11 26	11 38	5 16	5 45	0 23	16 58	0 55	25 1	2 52	12 39	0 8	9 58	1 31	24 46	0 39	22 23	0 10	14 47	11 13	15 56	16 4	20 20		n.a.
W26	11 46	7 47	5 5	6 41	0 11	17 23	0 57	24 57	2 54	12 43	0 8	9 56	1 31	24 46	0 39	22 23	0 10	14 47	11 13	15 55	16 3	20 19		n.a.
T 27	12 7	3 28	4 38	7 37	0n 0	17 47	0 59	24 53	2 56	12 48	0 8	9 55	1 31	24 46	0 39	22 23	0 10	14 47	11 12	15 55	16 2	20 18		n.a.
F 28	12 27	1n 7	3 56	8 33	0 11	18 11	1 1	24 50	2 58	12 53	0 8	9 53	1 30	24 46	0 39	22 24	0 10	14 47	11 12	15 54	16 1	20 18		n.a.
S 29	12 48	5 48	3 0	9 30	0 22	18 35	1 3	24 46	3 0	12 58	0 7	9 52	1 30	24 46	0 39	22 24	0 10	14 47	11 12	15 54	16 0	20 17		n.a.
S 30	13 8	10 19	1 52	10 25	0 32	18 58	1 5	24 42	3 2	13 3	0 7	9 50	1 30	24 46	0 39	22 24	0 10	14 48	11 11	15 54	15 59	20 16		n.a.
M31	13n28	14n21	0n35	11n20	0n42	19n20	1n 6	24s38	3s 4	13n 7	0s 7	9s49	1n30	24n46	0n39	22n25	0n10	14n48	11n11	15s54	15s58	20s16		n.a.

Julian Day Number = 199546.5, Delta T = 32h12m49s
Ecliptic obliquity = 24°06'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°19'00, Lahiri = -61°11'59 Julian Calendar 1 May 4167 BCE == Greg. Calendar 29 March 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

JUNE 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 28 4	5♉42'14	20♉14	29♈ 4	21♉21	26♊ 5	4♉18	28°R21	0♋24	7♊59	18°R43	12♏ 5	12♏17	0♊45	n.a.	T 1
W 2	14 32 1	6°39'41	4♊53	1♉ 8	22°35	26°35	4°31	28♎16	0°27	8° 1	18♍42	12° 6	12°14	0°52	n.a.	W 2
T 3	14 35 58	7°37'09	19°34	3°13	23°49	27° 4	4°45	28°12	0°30	8° 3	18°41	12° 6	12°11	0°58	n.a.	T 3
F 4	14 39 54	8°34'38	4♋11	5°17	25° 3	27°34	4°58	28° 8	0°32	8° 5	18°40	12° 7	12° 8	1° 5	n.a.	F 4
S 5	14 43 51	9°32'09	18°39	7°22	26°17	28° 3	5°11	28° 3	0°35	8° 7	18°39	12° 7	12° 4	1°12	n.a.	S 5
S 6	14 47 47	10°29'40	2♌54	9°26	27°31	28°31	5°25	27°59	0°38	8° 9	18°38	12° 7	12° 1	1°18	n.a.	S 6
M 7	14 51 44	11°27'13	16°54	11°29	28°45	28°59	5°38	27°55	0°40	8°11	18°37	12°R 7	11°58	1°25	n.a.	M 7
T 8	14 55 40	12°24'46	0♍38	13°31	29°59	29°27	5°51	27°50	0°43	8°13	18°37	12°D 7	11°55	1°32	n.a.	T 8
W 9	14 59 37	13°22'21	14° 6	15°33	1♊13	29°55	6° 5	27°46	0°46	8°15	18°36	12° 7	11°52	1°39	n.a.	W 9
T 10	15 3 34	14°19'57	27°17	17°33	2°27	0♒22	6°18	27°42	0°49	8°17	18°35	12° 7	11°48	1°45	n.a.	T 10
F 11	15 7 30	15°17'35	10♎14	19°32	3°40	0°48	6°31	27°38	0°52	8°19	18°34	12° 7	11°45	1°52	n.a.	F 11
S 12	15 11 27	16°15'14	22°56	21°30	4°54	1°14	6°44	27°34	0°55	8°21	18°34	12° 8	11°42	1°59	n.a.	S 12
S 13	15 15 23	17°12'55	5♏26	23°27	6° 8	1°40	6°58	27°29	0°58	8°23	18°33	12° 8	11°39	2° 5	n.a.	S 13
M14	15 19 20	18°10'37	17°45	25°22	7°22	2° 5	7°11	27°25	1° 1	8°25	18°33	12°R 8	11°36	2°12	n.a.	M14
T 15	15 23 16	19° 8'21	29°54	27°16	8°36	2°30	7°24	27°21	1° 4	8°27	18°32	12° 8	11°33	2°19	n.a.	T 15
W16	15 27 13	20° 6'06	11♐55	29° 9	9°50	2°55	7°37	27°17	1° 7	8°30	18°31	12° 7	11°29	2°25	n.a.	W16
T 17	15 31 10	21° 3'54	23°50	1♊ 0	11° 4	3°19	7°50	27°14	1°10	8°32	18°31	12° 6	11°26	2°32	n.a.	T 17
F 18	15 35 6	22° 1'43	5♑41	2°50	12°18	3°42	8° 3	27°10	1°13	8°34	18°30	12° 5	11°23	2°39	n.a.	F 18
S 19	15 39 3	22°59'35	17°31	4°38	13°32	4° 5	8°17	27° 6	1°16	8°36	18°30	12° 3	11°20	2°45	n.a.	S 19
S 20	15 42 59	23°57'28	29°25	6°25	14°46	4°28	8°30	27° 2	1°19	8°38	18°30	12° 2	11°17	2°52	n.a.	S 20
M21	15 46 56	24°55'24	11♒25	8°11	16° 0	4°50	8°43	26°58	1°23	8°40	18°29	12° 1	11°13	2°59	n.a.	M21
T 22	15 50 52	25°53'21	23°36	9°56	17°13	5°12	8°56	26°55	1°26	8°43	18°29	12°D 0	11°10	3° 6	n.a.	T 22
W23	15 54 49	26°51'21	6♓ 3	11°39	18°27	5°33	9° 9	26°51	1°29	8°45	18°28	12° 1	11° 7	3°12	n.a.	W23
T 24	15 58 45	27°49'23	18°49	13°21	19°41	5°53	9°22	26°48	1°32	8°47	18°28	12° 1	11° 4	3°19	n.a.	T 24
F 25	16 2 42	28°47'27	1♈58	15° 1	20°55	6°13	9°35	26°44	1°36	8°49	18°28	12° 3	11° 1	3°26	n.a.	F 25
S 26	16 6 39	29°45'33	15°33	16°40	22° 9	6°32	9°48	26°41	1°39	8°51	18°28	12° 4	10°58	3°32	n.a.	S 26
S 27	16 10 35	0♊43'41	29°34	18°18	23°23	6°51	10° 0	26°38	1°42	8°54	18°27	12° 5	10°54	3°39	n.a.	S 27
M28	16 14 32	1°41'52	14♉ 0	19°55	24°37	7° 9	10°13	26°34	1°46	8°56	18°27	12°R 5	10°51	3°46	n.a.	M28
T 29	16 18 28	2°40'04	28°47	21°30	25°51	7°27	10°26	26°31	1°49	8°58	18°27	12° 4	10°48	3°52	n.a.	T 29
W30	16 22 25	3♊38'19	13♊47	23♊ 4	27♊ 5	7♒43	10♉39	26♎28	1♋53	9♊ 0	18♍27	12♏ 3	10♏45	3♊59	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n47	17n35	0s45	12n14	0n51	19n42	1n 8	24s34	3s 6	13n12	0s 7	9s47	1n30	24n46	0n39	22n25	0n10	14n48	11n11	15s54	15s57	20s15		n.a.
W 2	14 7	19 41	2 3	13 7	1 0	20 3	1 10	24 30	3 8	13 17	0 7	9 46	1 30	24 46	0 39	22 25	0 10	14 48	11 10	15 54	15 56	20 15		n.a.
T 3	14 26	20 28	3 13	13 59	1 8	20 24	1 11	24 27	3 11	13 21	0 7	9 44	1 30	24 46	0 39	22 26	0 10	14 48	11 10	15 54	15 55	20 14		n.a.
F 4	14 45	19 52	4 11	14 49	1 15	20 44	1 13	24 23	3 13	13 26	0 7	9 43	1 30	24 46	0 39	22 26	0 10	14 48	11 9	15 54	15 54	20 13		n.a.
S 5	15 4	17 58	4 51	15 38	1 22	21 4	1 14	24 19	3 15	13 31	0 7	9 41	1 30	24 46	0 39	22 26	0 10	14 48	11 9	15 54	15 53	20 13		n.a.
S 6	15 23	14 59	5 13	16 25	1 27	21 23	1 16	24 15	3 17	13 36	0 6	9 40	1 29	24 46	0 39	22 27	0 10	14 48	11 9	15 54	15 52	20 12		n.a.
M 7	15 41	11 11	5 16	17 10	1 33	21 42	1 17	24 11	3 19	13 40	0 6	9 38	1 29	24 46	0 39	22 27	0 10	14 48	11 8	15 54	15 51	20 11		n.a.
T 8	16 0	6 52	5 1	17 53	1 37	22 0	1 19	24 7	3 21	13 45	0 6	9 37	1 29	24 46	0 39	22 27	0 10	14 48	11 8	15 54	15 50	20 11		n.a.
W 9	16 17	2 18	4 30	18 34	1 41	22 17	1 20	24 3	3 23	13 49	0 6	9 35	1 29	24 46	0 39	22 28	0 10	14 48	11 7	15 54	15 49	20 10		n.a.
T 10	16 35	2s18	3 44	19 12	1 44	22 34	1 21	23 59	3 26	13 54	0 6	9 34	1 29	24 45	0 39	22 28	0 10	14 48	11 7	15 54	15 48	20 9		n.a.
F 11	16 53	6 43	2 48	19 49	1 47	22 50	1 23	23 55	3 28	13 59	0 6	9 33	1 29	24 45	0 39	22 28	0 10	14 47	11 7	15 54	15 47	20 9		n.a.
S 12	17 10	10 46	1 45	20 24	1 49	23 5	1 24	23 51	3 30	14 3	0 6	9 31	1 29	24 45	0 39	22 29	0 10	14 47	11 6	15 54	15 46	20 8		n.a.
S 13	17 27	14 17	0 37	20 56	1 50	23 20	1 25	23 47	3 32	14 8	0 6	9 30	1 29	24 45	0 39	22 29	0 10	14 47	11 6	15 54	15 45	20 7		n.a.
M14	17 43	17 6	0n31	21 26	1 51	23 34	1 26	23 43	3 34	14 12	0 6	9 29	1 28	24 45	0 39	22 29	0 10	14 47	11 5	15 54	15 44	20 7		n.a.
T 15	18 0	19 7	1 37	21 54	1 51	23 47	1 27	23 40	3 36	14 17	0 5	9 27	1 28	24 45	0 39	22 30	0 10	14 47	11 5	15 54	15 43	20 6		n.a.
W16	18 16	20 15	2 38	22 20	1 51	24 0	1 28	23 36	3 39	14 21	0 5	9 26	1 28	24 45	0 39	22 30	0 10	14 47	11 5	15 54	15 42	20 5		n.a.
T 17	18 32	20 27	3 31	22 44	1 50	24 12	1 29	23 32	3 41	14 26	0 5	9 25	1 28	24 45	0 39	22 30	0 10	14 47	11 4	15 54	15 41	20 5		n.a.
F 18	18 47	19 44	4 15	23 5	1 49	24 23	1 29	23 28	3 43	14 30	0 5	9 23	1 28	24 45	0 39	22 31	0 10	14 46	11 4	15 53	15 40	20 4		n.a.
S 19	19 2	18 10	4 48	23 25	1 47	24 33	1 30	23 25	3 45	14 35	0 5	9 22	1 28	24 45	0 39	22 31	0 10	14 46	11 3	15 53	15 39	20 3		n.a.
S 20	19 17	15 49	5 9	23 42	1 45	24 43	1 31	23 21	3 48	14 39	0 5	9 21	1 28	24 45	0 39	22 32	0 10	14 46	11 3	15 52	15 38	20 3		n.a.
M21	19 32	12 47	5 17	23 58	1 42	24 52	1 31	23 18	3 50	14 44	0 5	9 20	1 27	24 45	0 39	22 32	0 10	14 46	11 2	15 52	15 37	20 2		n.a.
T 22	19 46	9 10	5 10	24 12	1 39	25 0	1 32	23 15	3 52	14 48	0 5	9 18	1 27	24 45	0 39	22 32	0 10	14 46	11 2	15 52	15 36	20 1		n.a.
W23	20 0	5 5	4 49	24 23	1 35	25 8	1 32	23 11	3 54	14 52	0 5	9 17	1 27	24 45	0 39	22 33	0 10	14 45	11 1	15 52	15 35	20 1		n.a.
T 24	20 14	0 40	4 14	24 33	1 31	25 14	1 33	23 8	3 56	14 57	0 4	9 16	1 27	24 45	0 39	22 33	0 10	14 45	11 1	15 52	15 34	20 0		n.a.
F 25	20 27	3n54	3 24	24 41	1 27	25 20	1 33	23 5	3 59	15 1	0 4	9 15	1 27	24 45	0 39	22 33	0 10	14 45	11 1	15 53	15 33	19 59		n.a.
S 26	20 40	8 27	2 21	24 47	1 22	25 25	1 33	23 2	4 1	15 5	0 4	9 14	1 27	24 45	0 39	22 34	0 10	14 44	11 0	15 53	15 32	19 58		n.a.
S 27	20 52	12 42	1 9	24 52	1 17	25 30	1 33	23 0	4 3	15 10	0 4	9 13	1 26	24 45	0 39	22 34	0 10	14 44	11 0	15 53	15 31	19 58		n.a.
M28	21 5	16 19	0s11	24 55	1 12	25 33	1 33	22 57	4 5	15 14	0 4	9 12	1 26	24 45	0 39	22 34	0 10	14 44	10 59	15 53	15 30	19 57		n.a.
T 29	21 17	18 58	1 31	24 56	1 7	25 36	1 34	22 54	4 8	15 18	0 4	9 11	1 26	24 45	0 39	22 35	0 10	14 43	10 59	15 53	15 29	19 56		n.a.
W30	21n28	20n21	2s46	24n56	1n 1	25n38	1n33	22s52	4s10	15n23	0s 4	9s10	1n26	24n45	0n39	22n35	0n10	14n43	10n58	15s53	15s28	19s56		n.a.

Julian Day Number = 199577.5, Delta T = 32h12m46s
Ecliptic obliquity = 24°06'45, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'55, Lahiri = -61°11'55 Julian Calendar 1 June 4167 BCE == Greg. Calendar 29 Apr. 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

JULY 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 26 21	4♊36'36	28♊52	24♊37	28♊19	8♒ 0	10♉52	26°R25	1♋56	9♊ 3	18°R27	12°R 0	10♏42	4♑ 6	n.a.	T 1
F 2	16 30 18	5°34'55	13♋52	26° 9	29°32	8°15	11° 4	26♎22	2° 0	9° 5	18♍27	11♏57	10°39	4°13	n.a.	F 2
S 3	16 34 14	6°33'15	28°40	27°39	0♋46	8°30	11°17	26°19	2° 3	9° 7	18°D27	11°54	10°35	4°19	n.a.	S 3
S 4	16 38 11	7°31'37	13♌ 9	29° 8	2° 0	8°45	11°30	26°16	2° 7	9° 9	18°27	11°51	10°32	4°26	n.a.	S 4
M 5	16 42 8	8°30'01	27°15	0♋36	3°14	8°58	11°42	26°14	2°10	9°11	18°27	11°50	10°29	4°33	n.a.	M 5
T 6	16 46 4	9°28'27	10♍58	2° 2	4°28	9°11	11°55	26°11	2°14	9°14	18°27	11°D49	10°26	4°39	n.a.	T 6
W 7	16 50 1	10°26'55	24°17	3°27	5°42	9°23	12° 7	26° 8	2°17	9°16	18°27	11°50	10°23	4°46	n.a.	W 7
T 8	16 53 57	11°25'24	7♎15	4°51	6°56	9°35	12°20	26° 6	2°21	9°18	18°27	11°52	10°19	4°53	n.a.	T 8
F 9	16 57 54	12°23'56	19°56	6°13	8° 9	9°46	12°32	26° 3	2°25	9°20	18°28	11°53	10°16	4°59	n.a.	F 9
S 10	17 1 50	13°22'29	2♏22	7°34	9°23	9°56	12°45	26° 1	2°28	9°23	18°28	11°54	10°13	5° 6	n.a.	S 10
S 11	17 5 47	14°21'05	14°37	8°53	10°37	10° 5	12°57	25°59	2°32	9°25	18°28	11°R55	10°10	5°13	n.a.	S 11
M12	17 9 43	15°19'42	26°42	10°11	11°51	10°13	13° 9	25°57	2°36	9°27	18°28	11°54	10° 7	5°20	n.a.	M12
T 13	17 13 40	16°18'22	8♐42	11°27	13° 4	10°21	13°21	25°55	2°39	9°29	18°29	11°51	10° 4	5°26	n.a.	T 13
W14	17 17 36	17°17'04	20°36	12°42	14°18	10°28	13°33	25°53	2°43	9°32	18°29	11°46	10° 0	5°33	n.a.	W14
T 15	17 21 33	18°15'48	2♑28	13°55	15°32	10°34	13°45	25°51	2°47	9°34	18°29	11°41	9°57	5°40	n.a.	T 15
F 16	17 25 30	19°14'34	14°19	15° 6	16°46	10°40	13°58	25°49	2°50	9°36	18°30	11°34	9°54	5°46	n.a.	F 16
S 17	17 29 26	20°13'23	26°10	16°15	17°59	10°44	14° 9	25°47	2°54	9°38	18°30	11°26	9°51	5°53	n.a.	S 17
S 18	17 33 23	21°12'14	8♒ 6	17°22	19°13	10°48	14°21	25°46	2°58	9°40	18°31	11°20	9°48	6° 0	n.a.	S 18
M19	17 37 19	22°11'07	20° 7	18°27	20°27	10°51	14°33	25°44	3° 2	9°43	18°31	11°14	9°45	6° 6	n.a.	M19
T 20	17 41 16	23°10'03	2♓17	19°30	21°40	10°53	14°45	25°43	3° 5	9°45	18°32	11°10	9°41	6°13	n.a.	T 20
W21	17 45 12	24° 9'02	14°41	20°31	22°54	10°54	14°57	25°42	3° 9	9°47	18°33	11° 8	9°38	6°20	n.a.	W21
T 22	17 49 9	25° 8'03	27°22	21°28	24° 8	10°R54	15° 8	25°40	3°13	9°49	18°33	11°D 7	9°35	6°27	n.a.	T 22
F 23	17 53 5	26° 7'06	10♈24	22°23	25°21	10°54	15°20	25°39	3°17	9°51	18°34	11° 8	9°32	6°33	n.a.	F 23
S 24	17 57 2	27° 6'12	23°51	23°15	26°35	10°52	15°31	25°38	3°20	9°53	18°35	11° 9	9°29	6°40	n.a.	S 24
S 25	18 0 58	28° 5'21	7♉45	24° 4	27°48	10°50	15°43	25°37	3°24	9°56	18°35	11°R10	9°25	6°47	n.a.	S 25
M26	18 4 55	29° 4'33	22° 7	24°49	29° 2	10°46	15°54	25°37	3°28	9°58	18°36	11°10	9°22	6°53	n.a.	M26
T 27	18 8 51	0♋ 3'47	6♊55	25°30	0♌16	10°42	16° 6	25°36	3°32	10° 0	18°37	11° 7	9°19	7° 0	n.a.	T 27
W28	18 12 48	1° 3'03	22° 1	26° 7	1°29	10°37	16°17	25°35	3°36	10° 2	18°38	11° 3	9°16	7° 7	n.a.	W28
T 29	18 16 44	2° 2'22	7♋19	26°39	2°43	10°31	16°28	25°35	3°39	10° 4	18°38	10°56	9°13	7°13	n.a.	T 29
F 30	18 20 41	3° 1'43	22°35	27° 7	3°56	10°24	16°39	25°34	3°43	10° 6	18°39	10°48	9°10	7°20	n.a.	F 30
S 31	18 24 38	4♋ 1'06	7♌41	27♋29	5♌10	10♒16	16♉50	25♎34	3♋47	10♊ 8	18♍40	10♏40	9♏ 6	7♑27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21n39	20n17	3s50	24n54	0n54	25n39	1n33	22s50	4s12	15n27	0s 4	9s 9	1n26	24n44	0n39	22n36	0n10	14n43	10n58	15s52	15s27	19s55			n.a.
F 2	21 50	18 46	4 38	24 51	0 48	25 40	1 33	22 48	4 14	15 31	0 3	9 8	1 25	24 44	0 39	22 36	0 10	14 42	10 57	15 51	15 26	19 54			n.a.
S 3	22 1	16 1	5 6	24 47	0 41	25 40	1 33	22 46	4 17	15 35	0 3	9 7	1 25	24 44	0 39	22 36	0 10	14 42	10 57	15 50	15 25	19 53			n.a.
S 4	22 11	12 20	5 14	24 41	0 34	25 38	1 33	22 44	4 19	15 39	0 3	9 6	1 25	24 44	0 39	22 37	0 10	14 41	10 57	15 49	15 24	19 53			n.a.
M 5	22 20	8 2	5 3	24 34	0 27	25 36	1 32	22 42	4 21	15 43	0 3	9 5	1 25	24 44	0 39	22 37	0 10	14 41	10 56	15 49	15 23	19 52			n.a.
T 6	22 29	3 26	4 35	24 26	0 20	25 34	1 32	22 41	4 23	15 47	0 3	9 4	1 25	24 44	0 39	22 37	0 10	14 40	10 56	15 49	15 22	19 51			n.a.
W 7	22 38	1s12	3 52	24 16	0 12	25 30	1 31	22 39	4 25	15 51	0 3	9 4	1 25	24 44	0 39	22 38	0 10	14 40	10 55	15 49	15 21	19 50			n.a.
T 8	22 47	5 41	2 59	24 6	0 5	25 26	1 31	22 38	4 28	15 55	0 3	9 3	1 24	24 44	0 39	22 38	0 10	14 40	10 55	15 49	15 20	19 50			n.a.
F 9	22 55	9 49	1 58	23 54	0s 3	25 21	1 30	22 37	4 30	15 59	0 3	9 2	1 24	24 44	0 39	22 38	0 10	14 39	10 54	15 50	15 19	19 49			n.a.
S 10	23 3	13 27	0 52	23 42	0 12	25 15	1 29	22 36	4 32	16 3	0 3	9 1	1 24	24 44	0 39	22 39	0 10	14 39	10 54	15 50	15 18	19 48			n.a.
S 11	23 10	16 26	0n15	23 29	0 20	25 8	1 28	22 36	4 34	16 7	0 2	9 1	1 24	24 44	0 39	22 39	0 10	14 38	10 53	15 50	15 17	19 47			n.a.
M12	23 17	18 40	1 20	23 14	0 28	25 1	1 27	22 35	4 36	16 11	0 2	9 0	1 24	24 44	0 39	22 40	0 10	14 37	10 53	15 50	15 16	19 47			n.a.
T 13	23 23	20 3	2 21	23 0	0 37	24 53	1 26	22 35	4 38	16 15	0 2	9 0	1 23	24 44	0 39	22 40	0 10	14 37	10 52	15 49	15 15	19 46			n.a.
W14	23 29	20 31	3 15	22 44	0 45	24 44	1 25	22 35	4 40	16 19	0 2	8 59	1 23	24 44	0 39	22 40	0 10	14 36	10 52	15 48	15 14	19 45			n.a.
T 15	23 34	20 5	4 1	22 28	0 54	24 34	1 24	22 35	4 42	16 23	0 2	8 59	1 23	24 43	0 39	22 41	0 10	14 36	10 52	15 46	15 13	19 44			n.a.
F 16	23 40	18 45	4 36	22 11	1 3	24 24	1 23	22 36	4 44	16 27	0 2	8 58	1 23	24 43	0 39	22 41	0 10	14 35	10 51	15 44	15 12	19 43			n.a.
S 17	23 44	16 37	4 59	21 54	1 12	24 13	1 22	22 36	4 46	16 30	0 2	8 58	1 23	24 43	0 39	22 41	0 10	14 35	10 51	15 41	15 10	19 43			n.a.
S 18	23 48	13 47	5 9	21 37	1 21	24 1	1 20	22 37	4 48	16 34	0 2	8 57	1 22	24 43	0 39	22 42	0 10	14 34	10 50	15 39	15 9	19 42			n.a.
M19	23 52	10 21	5 6	21 19	1 30	23 48	1 19	22 38	4 50	16 38	0 1	8 57	1 22	24 43	0 39	22 42	0 10	14 33	10 50	15 37	15 8	19 41			n.a.
T 20	23 56	6 28	4 49	21 1	1 39	23 35	1 17	22 39	4 52	16 42	0 1	8 57	1 22	24 43	0 39	22 42	0 10	14 33	10 49	15 36	15 7	19 40			n.a.
W21	23 59	2 14	4 19	20 43	1 48	23 21	1 16	22 41	4 54	16 45	0 1	8 56	1 22	24 43	0 39	22 43	0 10	14 32	10 49	15 35	15 6	19 39			n.a.
T 22	24 1	2n11	3 35	20 25	1 57	23 6	1 14	22 43	4 56	16 49	0 1	8 56	1 22	24 43	0 39	22 43	0 10	14 31	10 48	15 35	15 5	19 39			n.a.
F 23	24 3	6 39	2 39	20 7	2 6	22 51	1 13	22 44	4 57	16 52	0 1	8 56	1 21	24 43	0 39	22 43	0 10	14 31	10 48	15 35	15 4	19 38			n.a.
S 24	24 5	10 56	1 32	19 50	2 15	22 35	1 11	22 47	4 59	16 56	0 1	8 56	1 21	24 43	0 39	22 44	0 10	14 30	10 47	15 36	15 3	19 37			n.a.
S 25	24 6	14 47	0 18	19 33	2 24	22 19	1 9	22 49	5 1	17 0	0 1	8 55	1 21	24 43	0 39	22 44	0 10	14 29	10 47	15 36	15 2	19 36			n.a.
M26	24 6	17 52	0s59	19 16	2 32	22 1	1 7	22 51	5 2	17 3	0 1	8 55	1 21	24 42	0 39	22 44	0 10	14 29	10 47	15 36	15 1	19 35			n.a.
T 27	24 7	19 52	2 14	19 1	2 41	21 43	1 5	22 54	5 4	17 7	0 1	8 55	1 21	24 42	0 39	22 45	0 10	14 28	10 46	15 35	15 0	19 35			n.a.
W28	24 6	20 30	3 22	18 46	2 49	21 25	1 3	22 57	5 5	17 10	0 0	8 55	1 20	24 42	0 39	22 45	0 10	14 27	10 46	15 34	14 59	19 34			n.a.
T 29	24 6	19 39	4 16	18 32	2 57	21 6	1 1	23 0	5 7	17 13	0 0	8 55	1 20	24 42	0 39	22 46	0 11	14 26	10 45	15 31	14 58	19 33			n.a.
F 30	24 4	17 22	4 51	18 19	3 4	20 46	0 59	23 3	5 8	17 17	0 0	8 55	1 20	24 42	0 39	22 46	0 11	14 26	10 45	15 29	14 57	19 32			n.a.
S 31	24n 3	13n57	5s 6	18n 8	3s11	20n26	0n57	23s 7	5s 9	17n20	0s 0	8s55	1n20	24n42	0n39	22n46	0n11	14n25	10n44	15s26	14s56	19s31			n.a.

Julian Day Number = 199607.5, Delta T = 32h12m43s
Ecliptic obliquity = 24°06'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'51, Lahiri = -61°11'51 Julian Calendar 1 July 4167 BCE == Greg. Calendar 29 May 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

AUGUST 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 28 34	5♋ 0'31	22♌25	27♋46	6♌23	10°R 7	17♉ 1	25°R34	3♋51	10♊10	18♍41	10°R33	9♏ 3	7♑34	n.a.	S 1
M 2	18 32 31	5°59'58	6♍44	27°56	7°37	9♒58	17°12	25♎34	3°55	10°13	18°42	10♏27	9° 0	7°40	n.a.	M 2
T 3	18 36 27	6°59'27	20°33	27°R59	8°50	9°47	17°22	25°D34	3°58	10°15	18°43	10°24	8°57	7°47	n.a.	T 3
W 4	18 40 24	7°58'58	3♎54	27°56	10° 3	9°36	17°33	25°34	4° 2	10°17	18°44	10°D22	8°54	7°54	n.a.	W 4
T 5	18 44 20	8°58'31	16°50	27°45	11°17	9°24	17°43	25°34	4° 6	10°19	18°45	10°23	8°51	8° 0	n.a.	T 5
F 6	18 48 17	9°58'07	29°24	27°26	12°30	9°11	17°54	25°34	4°10	10°21	18°46	10°23	8°47	8° 7	n.a.	F 6
S 7	18 52 13	10°57'44	11♏41	26°59	13°43	8°58	18° 4	25°35	4°14	10°23	18°48	10°R24	8°44	8°14	n.a.	S 7
S 8	18 56 10	11°57'23	23°47	26°24	14°57	8°43	18°14	25°35	4°17	10°25	18°49	10°23	8°41	8°21	n.a.	S 8
M 9	19 0 6	12°57'04	5♐44	25°41	16°10	8°28	18°25	25°36	4°21	10°27	18°50	10°20	8°38	8°27	n.a.	M 9
T 10	19 4 3	13°56'48	17°36	24°50	17°23	8°12	18°35	25°36	4°25	10°28	18°51	10°14	8°35	8°34	n.a.	T 10
W11	19 7 59	14°56'34	29°27	23°52	18°36	7°56	18°45	25°37	4°29	10°30	18°52	10° 5	8°31	8°41	n.a.	W11
T 12	19 11 56	15°56'21	11♑18	22°47	19°49	7°39	18°55	25°38	4°32	10°32	18°54	9°54	8°28	8°47	n.a.	T 12
F 13	19 15 52	16°56'11	23°11	21°38	21° 3	7°21	19° 4	25°39	4°36	10°34	18°55	9°41	8°25	8°54	n.a.	F 13
S 14	19 19 49	17°56'03	5♒ 8	20°26	22°16	7° 3	19°14	25°40	4°40	10°36	18°56	9°28	8°22	9° 1	n.a.	S 14
S 15	19 23 46	18°55'58	17° 9	19°12	23°29	6°44	19°23	25°41	4°44	10°38	18°58	9°16	8°19	9° 7	n.a.	S 15
M16	19 27 42	19°55'55	29°16	17°59	24°42	6°24	19°33	25°43	4°47	10°40	18°59	9° 5	8°16	9°14	n.a.	M16
T 17	19 31 39	20°55'54	11♓32	16°48	25°55	6° 4	19°42	25°44	4°51	10°42	19° 1	8°56	8°12	9°21	n.a.	T 17
W18	19 35 35	21°55'55	23°58	15°43	27° 8	5°44	19°51	25°46	4°55	10°43	19° 2	8°50	8° 9	9°28	n.a.	W18
T 19	19 39 32	22°55'59	6♈38	14°44	28°21	5°23	20° 1	25°47	4°58	10°45	19° 4	8°47	8° 6	9°34	n.a.	T 19
F 20	19 43 28	23°56'05	19°36	13°54	29°34	5° 2	20°10	25°49	5° 2	10°47	19° 5	8°D46	8° 3	9°41	n.a.	F 20
S 21	19 47 25	24°56'14	2♉54	13°14	0♍46	4°41	20°18	25°51	5° 6	10°49	19° 7	8°R46	8° 0	9°48	n.a.	S 21
S 22	19 51 21	25°56'25	16°37	12°45	1°59	4°19	20°27	25°53	5° 9	10°50	19° 8	8°46	7°57	9°54	n.a.	S 22
M23	19 55 18	26°56'38	0♊46	12°27	3°12	3°57	20°36	25°55	5°13	10°52	19°10	8°44	7°53	10° 1	n.a.	M23
T 24	19 59 14	27°56'54	15°20	12°D20	4°25	3°35	20°44	25°57	5°16	10°54	19°11	8°40	7°50	10° 8	n.a.	T 24
W25	20 3 11	28°57'12	0♋16	12°25	5°38	3°13	20°53	25°59	5°20	10°55	19°13	8°33	7°47	10°15	n.a.	W25
T 26	20 7 7	29°57'33	15°27	12°41	6°50	2°51	21° 1	26° 1	5°24	10°57	19°15	8°24	7°44	10°21	n.a.	T 26
F 27	20 11 4	0♌57'55	0♌43	13° 6	8° 3	2°29	21° 9	26° 4	5°27	10°59	19°16	8°13	7°41	10°28	n.a.	F 27
S 28	20 15 0	1°58'20	15°53	13°42	9°15	2° 7	21°17	26° 6	5°31	11° 0	19°18	8° 1	7°37	10°35	n.a.	S 28
S 29	20 18 57	2°58'46	0♍45	14°26	10°28	1°45	21°25	26° 9	5°34	11° 2	19°20	7°50	7°34	10°41	n.a.	S 29
M30	20 22 54	3°59'14	15°13	15°17	11°41	1°24	21°33	26°11	5°38	11° 3	19°22	7°41	7°31	10°48	n.a.	M30
T 31	20 26 50	4♌59'44	29♍12	16♋16	12♍53	1♒ 2	21♉40	26♎14	5♋41	11♊ 5	19♍23	7♏35	7♏28	10♑55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	24n 1	9n43	5s 0	17n58	3s17	20n 5	0n54	23s10	5s11	17n23	0n 0	8s55	1n19	24n42	0n39	22n47	0n11	14n24	10n44	15s24	14s55	19s30			n.a.
M 2	23 58	5 3	4 35	17 51	3 23	19 43	0 52	23 14	5 12	17 27	0 0	8 56	1 19	24 42	0 39	22 47	0 11	14 23	10 44	15 22	14 54	19 30			n.a.
T 3	23 55	0 16	3 55	17 45	3 28	19 21	0 50	23 18	5 13	17 30	0 0	8 56	1 19	24 42	0 39	22 47	0 11	14 23	10 43	15 21	14 53	19 29			n.a.
W 4	23 52	4s22	3 3	17 42	3 32	18 59	0 47	23 22	5 13	17 33	0 0	8 56	1 19	24 42	0 39	22 47	0 11	14 22	10 43	15 21	14 52	19 28			n.a.
T 5	23 48	8 40	2 3	17 42	3 34	18 36	0 45	23 26	5 14	17 36	0 1	8 56	1 19	24 41	0 39	22 48	0 11	14 21	10 42	15 21	14 51	19 27			n.a.
F 6	23 43	12 29	0 59	17 44	3 36	18 12	0 42	23 30	5 15	17 39	0 1	8 57	1 18	24 41	0 39	22 48	0 11	14 20	10 42	15 21	14 50	19 26			n.a.
S 7	23 39	15 39	0n 7	17 49	3 36	17 48	0 40	23 34	5 15	17 42	0 1	8 57	1 18	24 41	0 39	22 48	0 11	14 19	10 41	15 21	14 49	19 25			n.a.
S 8	23 33	18 6	1 11	17 57	3 35	17 24	0 37	23 39	5 16	17 46	0 1	8 57	1 18	24 41	0 39	22 49	0 11	14 18	10 41	15 21	14 48	19 24			n.a.
M 9	23 28	19 43	2 11	18 8	3 32	16 59	0 34	23 43	5 16	17 49	0 1	8 58	1 18	24 41	0 39	22 49	0 11	14 17	10 41	15 20	14 47	19 24			n.a.
T 10	23 21	20 27	3 5	18 23	3 27	16 33	0 31	23 48	5 16	17 52	0 1	8 58	1 18	24 41	0 39	22 49	0 11	14 17	10 40	15 18	14 46	19 23			n.a.
W11	23 15	20 16	3 50	18 40	3 19	16 7	0 29	23 53	5 16	17 54	0 1	8 59	1 17	24 41	0 39	22 50	0 11	14 16	10 40	15 15	14 44	19 22			n.a.
T 12	23 8	19 12	4 26	19 0	3 10	15 41	0 26	23 57	5 16	17 57	0 1	8 59	1 17	24 41	0 39	22 50	0 11	14 15	10 39	15 12	14 43	19 21			n.a.
F 13	23 0	17 18	4 50	19 22	2 59	15 15	0 23	24 2	5 16	18 0	0 2	9 0	1 17	24 41	0 39	22 50	0 11	14 14	10 39	15 7	14 42	19 20			n.a.
S 14	22 52	14 40	5 1	19 47	2 46	14 48	0 20	24 6	5 16	18 3	0 2	9 0	1 17	24 40	0 39	22 51	0 11	14 13	10 39	15 3	14 41	19 19			n.a.
S 15	22 44	11 24	4 59	20 13	2 30	14 20	0 17	24 11	5 15	18 6	0 2	9 1	1 17	24 40	0 39	22 51	0 11	14 12	10 38	14 59	14 40	19 18			n.a.
M16	22 35	7 38	4 43	20 40	2 14	13 52	0 14	24 16	5 15	18 9	0 2	9 2	1 16	24 40	0 39	22 51	0 11	14 11	10 38	14 55	14 39	19 17			n.a.
T 17	22 26	3 31	4 15	21 7	1 55	13 24	0 11	24 20	5 14	18 11	0 2	9 2	1 16	24 40	0 39	22 51	0 11	14 10	10 37	14 52	14 38	19 16			n.a.
W18	22 16	0n48	3 34	21 34	1 36	12 56	0 8	24 25	5 13	18 14	0 2	9 3	1 16	24 40	0 39	22 52	0 11	14 9	10 37	14 51	14 37	19 16			n.a.
T 19	22 6	5 10	2 42	22 0	1 16	12 27	0 5	24 29	5 12	18 17	0 2	9 4	1 16	24 40	0 39	22 52	0 11	14 8	10 37	14 49	14 36	19 15			n.a.
F 20	21 55	9 24	1 40	22 25	0 57	11 58	0 1	24 34	5 11	18 19	0 3	9 5	1 16	24 40	0 39	22 52	0 11	14 7	10 36	14 49	14 35	19 14			n.a.
S 21	21 44	13 18	0 31	22 49	0 37	11 29	0s 2	24 38	5 10	18 22	0 3	9 6	1 15	24 40	0 39	22 53	0 11	14 6	10 36	14 49	14 34	19 13			n.a.
S 22	21 33	16 37	0s42	23 11	0 18	10 59	0 5	24 42	5 8	18 24	0 3	9 7	1 15	24 39	0 39	22 53	0 11	14 5	10 35	14 49	14 33	19 12			n.a.
M23	21 21	19 2	1 54	23 31	0n 1	10 29	0 8	24 46	5 7	18 27	0 3	9 7	1 15	24 39	0 39	22 53	0 11	14 4	10 35	14 49	14 32	19 11			n.a.
T 24	21 9	20 17	3 1	23 49	0 18	9 59	0 12	24 50	5 5	18 29	0 3	9 8	1 15	24 39	0 39	22 53	0 11	14 3	10 35	14 47	14 31	19 10			n.a.
W25	20 57	20 10	3 57	24 5	0 34	9 29	0 15	24 53	5 3	18 32	0 3	9 9	1 14	24 39	0 39	22 54	0 11	14 2	10 34	14 45	14 30	19 9			n.a.
T 26	20 44	18 36	4 37	24 18	0 49	8 58	0 18	24 57	5 1	18 34	0 3	9 11	1 14	24 39	0 39	22 54	0 11	14 1	10 34	14 42	14 29	19 8			n.a.
F 27	20 30	15 43	4 58	24 28	1 2	8 27	0 22	25 0	4 59	18 37	0 4	9 12	1 14	24 39	0 39	22 54	0 11	14 0	10 34	14 38	14 28	19 7			n.a.
S 28	20 16	11 48	4 58	24 36	1 14	7 56	0 25	25 3	4 57	18 39	0 4	9 13	1 14	24 39	0 39	22 54	0 11	13 59	10 33	14 34	14 27	19 6			n.a.
S 29	20 2	7 12	4 37	24 42	1 24	7 25	0 28	25 6	4 55	18 41	0 4	9 14	1 14	24 39	0 39	22 55	0 11	13 58	10 33	14 31	14 25	19 5			n.a.
M30	19 48	2 19	3 59	24 45	1 33	6 54	0 32	25 9	4 52	18 43	0 4	9 15	1 13	24 38	0 39	22 55	0 11	13 57	10 33	14 28	14 24	19 5			n.a.
T 31	19n33	2s32	3s 8	24n46	1n41	6n22	0s35	25s11	4s50	18n45	0n 4	9s16	1n13	24n38	0n39	22n55	0n11	13n56	10n32	14s26	14s23	19s 4			n.a.

Julian Day Number = 199638.5, Delta T = 32h12m40s
Ecliptic obliquity = 24°06'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'47, Lahiri = -61°11'47 Julian Calendar 1 Aug. 4167 BCE == Greg. Calendar 29 June 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

SEPTEMBER 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 30 47	6♌ 0'15	12♎40	17♋21	14♍ 6	0°R41	21♉48	26♎17	5♋44	11♊ 6	19♍25	7°R32	7♏25	11♑ 2	n.a.	W 1
T 2	20 34 43	7° 0'48	25°40	18°31	15°18	0♒20	21°55	26°20	5°48	11° 8	19°27	7♏30	7°22	11° 8	n.a.	T 2
F 3	20 38 40	8° 1'23	8♏16	19°45	16°30	29♑59	22° 2	26°23	5°51	11° 9	19°29	7°30	7°18	11°15	n.a.	F 3
S 4	20 42 36	9° 1'59	20°33	21° 4	17°43	29°40	22° 9	26°26	5°55	11°10	19°31	7°30	7°15	11°22	n.a.	S 4
S 5	20 46 33	10° 2'37	2♐35	22°25	18°55	29°20	22°16	26°29	5°58	11°12	19°33	7°29	7°12	11°28	n.a.	S 5
M 6	20 50 29	11° 3'16	14°30	23°50	20° 7	29° 1	22°23	26°33	6° 1	11°13	19°34	7°25	7° 9	11°35	n.a.	M 6
T 7	20 54 26	12° 3'57	26°20	25°17	21°19	28°42	22°29	26°36	6° 5	11°14	19°36	7°18	7° 6	11°42	n.a.	T 7
W 8	20 58 22	13° 4'39	8♑10	26°46	22°31	28°24	22°36	26°40	6° 8	11°16	19°38	7° 9	7° 2	11°48	n.a.	W 8
T 9	21 2 19	14° 5'23	20° 3	28°16	23°43	28° 7	22°42	26°43	6°11	11°17	19°40	6°57	6°59	11°55	n.a.	T 9
F 10	21 6 15	15° 6'09	2♒ 0	29°48	24°55	27°50	22°48	26°47	6°14	11°18	19°42	6°43	6°56	12° 2	n.a.	F 10
S 11	21 10 12	16° 6'56	14° 4	1♌21	26° 7	27°34	22°54	26°51	6°17	11°19	19°44	6°28	6°53	12° 9	n.a.	S 11
S 12	21 14 9	17° 7'44	26°16	2°54	27°19	27°19	23° 0	26°55	6°20	11°21	19°46	6°14	6°50	12°15	n.a.	S 12
M13	21 18 5	18° 8'35	8♓35	4°29	28°31	27° 4	23° 5	26°59	6°23	11°22	19°48	6° 1	6°47	12°22	n.a.	M13
T 14	21 22 2	19° 9'26	21° 4	6° 3	29°42	26°50	23°11	27° 3	6°27	11°23	19°50	5°52	6°43	12°29	n.a.	T 14
W15	21 25 58	20°10'20	3♈42	7°39	0♎54	26°37	23°16	27° 7	6°30	11°24	19°53	5°45	6°40	12°35	n.a.	W15
T 16	21 29 55	21°11'15	16°31	9°14	2° 5	26°24	23°21	27°11	6°33	11°25	19°55	5°41	6°37	12°42	n.a.	T 16
F 17	21 33 51	22°12'12	29°34	10°50	3°17	26°13	23°26	27°15	6°36	11°26	19°57	5°39	6°34	12°49	n.a.	F 17
S 18	21 37 48	23°13'11	12♉52	12°25	4°28	26° 2	23°31	27°19	6°38	11°27	19°59	5°D39	6°31	12°56	n.a.	S 18
S 19	21 41 44	24°14'11	26°28	14° 1	5°40	25°51	23°36	27°24	6°41	11°28	20° 1	5°R39	6°28	13° 2	n.a.	S 19
M20	21 45 41	25°15'13	10♊25	15°37	6°51	25°42	23°40	27°28	6°44	11°29	20° 3	5°39	6°24	13° 9	n.a.	M20
T 21	21 49 37	26°16'17	24°41	17°12	8° 2	25°34	23°44	27°33	6°47	11°30	20° 5	5°36	6°21	13°16	n.a.	T 21
W22	21 53 34	27°17'22	9♋17	18°48	9°13	25°26	23°49	27°38	6°50	11°30	20° 7	5°30	6°18	13°22	n.a.	W22
T 23	21 57 31	28°18'29	24° 6	20°24	10°24	25°19	23°52	27°42	6°52	11°31	20°10	5°22	6°15	13°29	n.a.	T 23
F 24	22 1 27	29°19'37	9♌ 3	21°59	11°35	25°13	23°56	27°47	6°55	11°32	20°12	5°12	6°12	13°36	n.a.	F 24
S 25	22 5 24	0♍20'47	23°58	23°35	12°46	25° 8	24° 0	27°52	6°58	11°33	20°14	5° 1	6° 8	13°43	n.a.	S 25
S 26	22 9 20	1°21'57	8♍42	25°10	13°57	25° 3	24° 3	27°57	7° 0	11°33	20°16	4°51	6° 5	13°49	n.a.	S 26
M27	22 13 17	2°23'09	23° 6	26°45	15° 8	25° 0	24° 6	28° 2	7° 3	11°34	20°19	4°43	6° 2	13°56	n.a.	M27
T 28	22 17 13	3°24'21	7♎ 6	28°20	16°18	24°57	24° 9	28° 7	7° 6	11°35	20°21	4°37	5°59	14° 3	n.a.	T 28
W29	22 21 10	4°25'35	20°39	29°55	17°29	24°55	24°12	28°12	7° 8	11°35	20°23	4°34	5°56	14° 9	n.a.	W29
T 30	22 25 6	5♍26'49	3♏44	1♍30	18♎39	24♑54	24♉15	28♎18	7♋10	11♊36	20♍25	4°D33	5♏53	14♑16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n18	7s 5	2s 7	24n44	1n48	5n50	0s39	25s14	4s47	18n48	0n 4	9s17	1n13	24n38	0n39	22n55	0n11	13n55	10n32	14s25	14s22	19s 3		n.a.
T 2	19 2	11 9	1 2	24 40	1 53	5 19	0 42	25 16	4 44	18 50	0 4	9 19	1 13	24 38	0 39	22 55	0 11	13 54	10 32	14 24	14 21	19 2		n.a.
F 3	18 46	14 35	0n 4	24 33	1 58	4 47	0 45	25 17	4 41	18 52	0 5	9 20	1 13	24 38	0 39	22 56	0 11	13 53	10 31	14 24	14 20	19 1		n.a.
S 4	18 30	17 17	1 8	24 24	2 1	4 15	0 49	25 19	4 38	18 54	0 5	9 21	1 13	24 38	0 39	22 56	0 11	13 52	10 31	14 24	14 19	19 0		n.a.
S 5	18 13	19 10	2 9	24 13	2 3	3 43	0 52	25 20	4 35	18 56	0 5	9 23	1 12	24 38	0 39	22 56	0 11	13 51	10 31	14 24	14 18	18 59		n.a.
M 6	17 56	20 10	3 2	23 59	2 5	3 10	0 56	25 21	4 32	18 58	0 5	9 24	1 12	24 37	0 39	22 56	0 11	13 50	10 30	14 22	14 17	18 58		n.a.
T 7	17 39	20 16	3 48	23 44	2 6	2 38	0 59	25 22	4 28	18 59	0 5	9 26	1 12	24 37	0 39	22 57	0 11	13 49	10 30	14 20	14 16	18 57		n.a.
W 8	17 22	19 29	4 23	23 27	2 6	2 6	1 2	25 23	4 25	19 1	0 5	9 27	1 12	24 37	0 39	22 57	0 11	13 48	10 30	14 17	14 15	18 56		n.a.
T 9	17 4	17 50	4 47	23 7	2 5	1 33	1 6	25 23	4 22	19 3	0 5	9 29	1 12	24 37	0 39	22 57	0 11	13 47	10 30	14 13	14 14	18 55		n.a.
F 10	16 45	15 25	4 59	22 46	2 4	1 1	1 9	25 23	4 18	19 5	0 6	9 30	1 11	24 37	0 39	22 57	0 11	13 46	10 29	14 8	14 13	18 54		n.a.
S 11	16 27	12 20	4 57	22 24	2 2	0 29	1 13	25 23	4 15	19 7	0 6	9 32	1 11	24 37	0 39	22 57	0 11	13 45	10 29	14 3	14 12	18 53		n.a.
S 12	16 8	8 42	4 42	21 59	1 59	0s 4	1 16	25 23	4 11	19 8	0 6	9 33	1 11	24 37	0 39	22 58	0 11	13 44	10 29	13 58	14 11	18 52		n.a.
M13	15 49	4 40	4 14	21 34	1 57	0 36	1 19	25 22	4 7	19 10	0 6	9 35	1 11	24 37	0 39	22 58	0 11	13 43	10 28	13 54	14 9	18 51		n.a.
T 14	15 30	0 24	3 33	21 7	1 53	1 8	1 23	25 22	4 4	19 11	0 6	9 37	1 11	24 37	0 40	22 58	0 11	13 42	10 28	13 51	14 8	18 50		n.a.
W15	15 10	3n57	2 41	20 38	1 50	1 41	1 26	25 21	4 0	19 13	0 6	9 38	1 10	24 36	0 40	22 58	0 11	13 40	10 28	13 48	14 7	18 49		n.a.
T 16	14 50	8 12	1 40	20 9	1 46	2 13	1 29	25 19	3 56	19 14	0 7	9 40	1 10	24 36	0 40	22 58	0 11	13 39	10 28	13 47	14 6	18 48		n.a.
F 17	14 30	12 8	0 32	19 38	1 41	2 45	1 33	25 18	3 53	19 16	0 7	9 42	1 10	24 36	0 40	22 58	0 11	13 38	10 27	13 47	14 5	18 47		n.a.
S 18	14 9	15 32	0s38	19 6	1 37	3 17	1 36	25 17	3 49	19 17	0 7	9 44	1 10	24 36	0 40	22 59	0 11	13 37	10 27	13 47	14 4	18 46		n.a.
S 19	13 49	18 10	1 48	18 33	1 32	3 49	1 39	25 15	3 45	19 19	0 7	9 45	1 10	24 36	0 40	22 59	0 11	13 36	10 27	13 47	14 3	18 45		n.a.
M20	13 28	19 47	2 54	17 59	1 27	4 21	1 42	25 13	3 41	19 20	0 7	9 47	1 10	24 36	0 40	22 59	0 11	13 35	10 27	13 46	14 2	18 44		n.a.
T 21	13 7	20 11	3 50	17 25	1 22	4 53	1 45	25 11	3 37	19 21	0 7	9 49	1 9	24 36	0 40	22 59	0 12	13 34	10 26	13 45	14 1	18 43		n.a.
W22	12 45	19 15	4 32	16 49	1 17	5 24	1 48	25 9	3 34	19 22	0 8	9 51	1 9	24 36	0 40	22 59	0 12	13 33	10 26	13 43	14 0	18 42		n.a.
T 23	12 23	17 1	4 57	16 13	1 11	5 56	1 51	25 6	3 30	19 24	0 8	9 53	1 9	24 35	0 40	22 59	0 12	13 32	10 26	13 41	13 59	18 41		n.a.
F 24	12 2	13 39	5 2	15 36	1 5	6 27	1 54	25 4	3 26	19 25	0 8	9 55	1 9	24 35	0 40	22 59	0 12	13 31	10 26	13 37	13 58	18 40		n.a.
S 25	11 40	9 24	4 47	14 58	0 59	6 58	1 57	25 1	3 22	19 26	0 8	9 57	1 9	24 35	0 40	23 0	0 12	13 30	10 26	13 34	13 57	18 39		n.a.
S 26	11 17	4 39	4 12	14 20	0 53	7 29	2 0	24 58	3 19	19 27	0 8	9 59	1 9	24 35	0 40	23 0	0 12	13 29	10 25	13 30	13 55	18 38		n.a.
M27	10 55	0s16	3 22	13 41	0 47	8 0	2 3	24 55	3 15	19 28	0 8	10 1	1 8	24 35	0 40	23 0	0 12	13 27	10 25	13 27	13 54	18 37		n.a.
T 28	10 32	5 3	2 21	13 2	0 41	8 31	2 6	24 52	3 11	19 29	0 9	10 3	1 8	24 35	0 40	23 0	0 12	13 26	10 25	13 25	13 53	18 36		n.a.
W29	10 9	9 25	1 14	12 22	0 35	9 1	2 9	24 49	3 7	19 30	0 9	10 5	1 8	24 35	0 40	23 0	0 12	13 25	10 25	13 24	13 52	18 35		n.a.
T 30	9n46	13s11	0s 4	11n41	0n29	9s31	2s11	24s45	3s 4	19n30	0n 9	10s 7	1n 8	24n35	0n40	23n 0	0n12	13n24	10n25	13s24	13s51	18s34		n.a.

Julian Day Number = 199669.5, Delta T = 32h12m36s
Ecliptic obliquity = 24°06'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'43, Lahiri = -61°11'43 Julian Calendar 1 Sept. 4167 BCE == Greg. Calendar 30 July 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

OCTOBER 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 29 3	6♍28'04	16♏25	3♍ 5	19♎50	24°D54	24♉17	28♎23	7♋13	11♊37	20♍28	4♏33	5♏49	14♑23	n.a.	F 1
S 2	22 33 0	7°29'19	28°46	4°39	21° 0	24♑54	24°19	28°28	7°15	11°37	20°30	4°34	5°46	14°30	n.a.	S 2
S 3	22 36 56	8°30'35	10♐52	6°14	22°10	24°55	24°22	28°34	7°17	11°38	20°32	4°R34	5°43	14°36	n.a.	S 3
M 4	22 40 53	9°31'52	22°47	7°49	23°20	24°57	24°23	28°39	7°20	11°38	20°34	4°33	5°40	14°43	n.a.	M 4
T 5	22 44 49	10°33'09	4♑38	9°23	24°30	25° 0	24°25	28°45	7°22	11°38	20°37	4°30	5°37	14°50	n.a.	T 5
W 6	22 48 46	11°34'27	16°29	10°58	25°40	25° 4	24°27	28°50	7°24	11°39	20°39	4°24	5°34	14°56	n.a.	W 6
T 7	22 52 42	12°35'45	28°24	12°32	26°49	25° 8	24°28	28°56	7°26	11°39	20°41	4°17	5°30	15° 3	n.a.	T 7
F 8	22 56 39	13°37'04	10♒26	14° 7	27°59	25°13	24°29	29° 2	7°28	11°39	20°44	4° 7	5°27	15°10	n.a.	F 8
S 9	23 0 36	14°38'23	22°38	15°41	29° 8	25°19	24°30	29° 8	7°30	11°40	20°46	3°57	5°24	15°17	n.a.	S 9
S 10	23 4 32	15°39'43	5♓ 1	17°16	0♏18	25°25	24°31	29°13	7°32	11°40	20°48	3°48	5°21	15°23	n.a.	S 10
M11	23 8 29	16°41'03	17°36	18°51	1°27	25°33	24°31	29°19	7°34	11°40	20°51	3°39	5°18	15°30	n.a.	M11
T 12	23 12 25	17°42'24	0♈23	20°26	2°36	25°40	24°31	29°25	7°36	11°40	20°53	3°33	5°14	15°37	n.a.	T 12
W13	23 16 22	18°43'45	13°21	22° 1	3°44	25°49	24°R32	29°31	7°38	11°40	20°55	3°28	5°11	15°43	n.a.	W13
T 14	23 20 18	19°45'06	26°30	23°36	4°53	25°58	24°31	29°37	7°40	11°40	20°57	3°26	5° 8	15°50	n.a.	T 14
F 15	23 24 15	20°46'29	9♉51	25°11	6° 2	26° 8	24°31	29°44	7°41	11°41	21° 0	3°D26	5° 5	15°57	n.a.	F 15
S 16	23 28 11	21°47'52	23°23	26°46	7°10	26°18	24°31	29°50	7°43	11°R41	21° 2	3°28	5° 2	16° 4	n.a.	S 16
S 17	23 32 8	22°49'15	7♊ 6	28°21	8°18	26°29	24°30	29°56	7°45	11°41	21° 4	3°29	4°59	16°10	n.a.	S 17
M18	23 36 5	23°50'39	21° 1	29°57	9°26	26°41	24°29	0♏ 2	7°46	11°41	21° 7	3°R30	4°55	16°17	n.a.	M18
T 19	23 40 1	24°52'04	5♋ 8	1♎32	10°34	26°53	24°28	0° 9	7°48	11°40	21° 9	3°29	4°52	16°24	n.a.	T 19
W20	23 43 58	25°53'29	19°25	3° 8	11°42	27° 6	24°27	0°15	7°49	11°40	21°11	3°27	4°49	16°30	n.a.	W20
T 21	23 47 54	26°54'54	3♌50	4°44	12°49	27°19	24°25	0°21	7°51	11°40	21°14	3°23	4°46	16°37	n.a.	T 21
F 22	23 51 51	27°56'20	18°18	6°20	13°56	27°33	24°24	0°28	7°52	11°40	21°16	3°18	4°43	16°44	n.a.	F 22
S 23	23 55 47	28°57'46	2♍45	7°57	15° 3	27°47	24°22	0°34	7°53	11°40	21°18	3°13	4°39	16°51	n.a.	S 23
S 24	23 59 44	29°59'12	17° 3	9°33	16°10	28° 2	24°20	0°41	7°55	11°40	21°21	3° 7	4°36	16°57	n.a.	S 24
M25	0 3 41	1♎ 0'38	1♎ 8	11° 9	17°17	28°18	24°17	0°47	7°56	11°39	21°23	3° 3	4°33	17° 4	n.a.	M25
T 26	0 7 37	2° 2'03	14°55	12°46	18°23	28°34	24°15	0°54	7°57	11°39	21°25	3° 0	4°30	17°11	n.a.	T 26
W27	0 11 34	3° 3'29	28°21	14°22	19°30	28°50	24°12	1° 1	7°58	11°39	21°28	2°D59	4°27	17°18	n.a.	W27
T 28	0 15 30	4° 4'54	11♏25	15°59	20°36	29° 7	24°10	1° 7	7°59	11°38	21°30	2°59	4°24	17°24	n.a.	T 28
F 29	0 19 27	5° 6'19	24° 8	17°35	21°41	29°25	24° 7	1°14	8° 0	11°38	21°32	3° 0	4°20	17°31	n.a.	F 29
S 30	0 23 23	6° 7'44	6♐32	19°11	22°47	29°43	24° 3	1°21	8° 1	11°37	21°34	3° 2	4°17	17°38	n.a.	S 30
S 31	0 27 20	7♎ 9'08	18♐41	20♎47	23♏52	0♒ 1	24♉ 0	1♏28	8♋ 2	11♊37	21♍37	3♏ 4	4♏14	17♑44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n23	16s12	1n 3	11n 0	0n23	10s 1	2s14	24s42	3s 0	19n31	0n 9	10s 9	1n 8	24n35	0n40	23n 0	0n12	13n23	10n24	13s24	13s50	18s33		n.a.
S 2	9 0	18 24	2 6	10 19	0 16	10 31	2 17	24 38	2 56	19 32	0 9	10 11	1 8	24 35	0 40	23 0	0 12	13 22	10 24	13 24	13 49	18 32		n.a.
S 3	8 36	19 42	3 2	9 38	0 10	11 0	2 19	24 34	2 53	19 33	0 9	10 13	1 7	24 34	0 40	23 0	0 12	13 21	10 24	13 24	13 48	18 31		n.a.
M 4	8 13	20 6	3 49	8 56	0 4	11 29	2 21	24 31	2 49	19 33	0 10	10 15	1 7	24 34	0 40	23 0	0 12	13 20	10 24	13 24	13 47	18 30		n.a.
T 5	7 49	19 36	4 26	8 14	0s 3	11 58	2 24	24 27	2 46	19 34	0 10	10 17	1 7	24 34	0 40	23 1	0 12	13 19	10 24	13 23	13 46	18 29		n.a.
W 6	7 25	18 14	4 52	7 31	0 9	12 27	2 26	24 23	2 42	19 34	0 10	10 20	1 7	24 34	0 40	23 1	0 12	13 18	10 24	13 21	13 45	18 28		n.a.
T 7	7 1	16 5	5 5	6 48	0 15	12 55	2 28	24 18	2 39	19 35	0 10	10 22	1 7	24 34	0 40	23 1	0 12	13 17	10 24	13 18	13 44	18 27		n.a.
F 8	6 37	13 14	5 4	6 5	0 22	13 23	2 30	24 14	2 35	19 35	0 10	10 24	1 7	24 34	0 40	23 1	0 12	13 16	10 23	13 15	13 42	18 26		n.a.
S 9	6 13	9 47	4 50	5 22	0 28	13 50	2 32	24 10	2 32	19 36	0 11	10 26	1 6	24 34	0 40	23 1	0 12	13 15	10 23	13 11	13 41	18 25		n.a.
S 10	5 48	5 52	4 23	4 39	0 34	14 17	2 34	24 5	2 29	19 36	0 11	10 29	1 6	24 34	0 40	23 1	0 12	13 13	10 23	13 8	13 40	18 23		n.a.
M11	5 24	1 39	3 42	3 55	0 40	14 44	2 36	24 1	2 25	19 36	0 11	10 31	1 6	24 34	0 41	23 1	0 12	13 12	10 23	13 5	13 39	18 22		n.a.
T 12	4 59	2n43	2 49	3 12	0 46	15 10	2 38	23 56	2 22	19 37	0 11	10 33	1 6	24 34	0 41	23 1	0 12	13 11	10 23	13 3	13 38	18 21		n.a.
W13	4 35	7 2	1 47	2 28	0 52	15 36	2 40	23 51	2 19	19 37	0 11	10 35	1 6	24 34	0 41	23 1	0 12	13 10	10 23	13 1	13 37	18 20		n.a.
T 14	4 10	11 5	0 37	1 44	0 58	16 2	2 41	23 46	2 16	19 37	0 11	10 38	1 6	24 34	0 41	23 1	0 12	13 9	10 23	13 1	13 36	18 19		n.a.
F 15	3 45	14 38	0s35	1 0	1 4	16 27	2 43	23 41	2 13	19 37	0 12	10 40	1 6	24 34	0 41	23 1	0 12	13 8	10 23	13 1	13 35	18 18		n.a.
S 16	3 20	17 26	1 46	0 16	1 9	16 52	2 44	23 36	2 10	19 37	0 12	10 42	1 5	24 33	0 41	23 1	0 12	13 7	10 23	13 1	13 34	18 17		n.a.
S 17	2 56	19 16	2 53	0s28	1 14	17 16	2 45	23 31	2 7	19 37	0 12	10 45	1 5	24 33	0 41	23 1	0 12	13 6	10 22	13 2	13 33	18 16		n.a.
M18	2 31	19 59	3 50	1 11	1 20	17 40	2 47	23 26	2 4	19 37	0 12	10 47	1 5	24 33	0 41	23 1	0 12	13 5	10 22	13 2	13 32	18 15		n.a.
T 19	2 6	19 27	4 34	1 55	1 25	18 3	2 48	23 21	2 1	19 37	0 12	10 50	1 5	24 33	0 41	23 1	0 12	13 4	10 22	13 2	13 30	18 14		n.a.
W20	1 41	17 41	5 2	2 39	1 30	18 26	2 49	23 15	1 58	19 37	0 13	10 52	1 5	24 33	0 41	23 1	0 12	13 3	10 22	13 1	13 29	18 13		n.a.
T 21	1 16	14 48	5 11	3 22	1 34	18 48	2 49	23 10	1 55	19 37	0 13	10 54	1 5	24 33	0 41	23 1	0 12	13 2	10 22	13 0	13 28	18 12		n.a.
F 22	0 50	11 1	5 1	4 5	1 39	19 10	2 50	23 4	1 52	19 37	0 13	10 57	1 5	24 33	0 41	23 1	0 12	13 1	10 22	12 58	13 27	18 10		n.a.
S 23	0 25	6 35	4 31	4 48	1 43	19 31	2 51	22 58	1 49	19 36	0 13	10 59	1 5	24 33	0 41	23 1	0 12	13 0	10 22	12 56	13 26	18 9		n.a.
S 24	0 0	1 49	3 45	5 31	1 47	19 52	2 51	22 53	1 47	19 36	0 13	11 2	1 4	24 33	0 41	23 1	0 12	12 59	10 22	12 54	13 25	18 8		n.a.
M25	0s25	2s59	2 45	6 13	1 50	20 12	2 52	22 47	1 44	19 36	0 14	11 4	1 4	24 33	0 41	23 1	0 12	12 58	10 22	12 52	13 24	18 7		n.a.
T 26	0 50	7 32	1 37	6 55	1 54	20 32	2 52	22 41	1 41	19 35	0 14	11 7	1 4	24 33	0 41	23 1	0 12	12 57	10 22	12 51	13 23	18 6		n.a.
W27	1 15	11 35	0 25	7 36	1 57	20 51	2 52	22 35	1 39	19 35	0 14	11 9	1 4	24 33	0 41	23 1	0 12	12 56	10 22	12 51	13 22	18 5		n.a.
T 28	1 40	14 57	0n46	8 17	1 59	21 9	2 52	22 29	1 36	19 34	0 14	11 12	1 4	24 33	0 41	23 1	0 12	12 55	10 22	12 51	13 21	18 4		n.a.
F 29	2 5	17 30	1 54	8 57	2 2	21 27	2 52	22 22	1 34	19 33	0 14	11 14	1 4	24 33	0 41	23 1	0 12	12 54	10 22	12 51	13 19	18 3		n.a.
S 30	2 30	19 9	2 54	9 36	2 3	21 45	2 51	22 16	1 31	19 33	0 15	11 17	1 4	24 33	0 41	23 1	0 12	12 54	10 22	12 52	13 18	18 2		n.a.
S 31	2s55	19s52	3n45	10s15	2s 5	22s 1	2s51	22s10	1s29	19n32	0n15	11s19	1n 4	24n33	0n41	23n 1	0n12	12n53	10n22	12s53	13s17	18s 0		n.a.

Julian Day Number = 199699.5, Delta T = 32h12m33s
Ecliptic obliquity = 24°06'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'39, Lahiri = -61°11'39 Julian Calendar 1 Oct. 4167 BCE == Greg. Calendar 29 Aug. 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

NOVEMBER 4167 BCE (-4166) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 31 17	8♎10'31	0♑39	22♎22	24♏57	0♒20	23°R56	1♏35	8♋ 3	11°R36	21♍39	3♏ 5	4♏11	17♑51	n.a.	M 1
T 2	0 35 13	9°11'54	12°32	23°57	26° 2	0°39	23♉53	1°41	8° 3	11♊36	21°41	3°R 5	4° 8	17°58	n.a.	T 2
W 3	0 39 10	10°13'16	24°24	25°31	27° 6	0°59	23°49	1°48	8° 4	11°35	21°43	3° 4	4° 5	18° 5	n.a.	W 3
T 4	0 43 6	11°14'37	6♒20	27° 4	28°10	1°19	23°45	1°55	8° 5	11°35	21°46	3° 2	4° 1	18°11	n.a.	T 4
F 5	0 47 3	12°15'58	18°24	28°35	29°14	1°39	23°40	2° 2	8° 5	11°34	21°48	2°59	3°58	18°18	n.a.	F 5
S 6	0 51 0	13°17'17	0♓40	0♏ 5	0♐18	2° 0	23°36	2° 9	8° 6	11°33	21°50	2°56	3°55	18°25	n.a.	S 6
S 7	0 54 56	14°18'36	13°11	1°34	1°21	2°21	23°31	2°16	8° 6	11°33	21°52	2°53	3°52	18°31	n.a.	S 7
M 8	0 58 53	15°19'54	25°58	3° 0	2°23	2°43	23°26	2°23	8° 7	11°32	21°54	2°50	3°49	18°38	n.a.	M 8
T 9	1 2 49	16°21'11	9♈ 3	4°23	3°26	3° 5	23°21	2°30	8° 7	11°31	21°57	2°48	3°45	18°45	n.a.	T 9
W10	1 6 46	17°22'28	22°23	5°43	4°28	3°27	23°16	2°37	8° 7	11°30	21°59	2°47	3°42	18°52	n.a.	W10
T 11	1 10 42	18°23'43	5♉58	6°59	5°29	3°49	23°11	2°44	8° 8	11°29	22° 1	2°D47	3°39	18°58	n.a.	T 11
F 12	1 14 39	19°24'58	19°46	8°11	6°31	4°12	23° 5	2°52	8° 8	11°29	22° 3	2°47	3°36	19° 5	n.a.	F 12
S 13	1 18 36	20°26'13	3♊44	9°17	7°31	4°36	23° 0	2°59	8° 8	11°28	22° 5	2°48	3°33	19°12	n.a.	S 13
S 14	1 22 32	21°27'26	17°49	10°18	8°32	4°59	22°54	3° 6	8° 8	11°27	22° 7	2°49	3°30	19°18	n.a.	S 14
M15	1 26 29	22°28'40	1♋59	11°12	9°32	5°23	22°48	3°13	8°R 8	11°26	22° 9	2°50	3°26	19°25	n.a.	M15
T 16	1 30 25	23°29'52	16°10	11°58	10°31	5°47	22°42	3°20	8° 8	11°25	22°11	2°51	3°23	19°32	n.a.	T 16
W17	1 34 22	24°31'04	0♌21	12°35	11°30	6°11	22°36	3°27	8° 8	11°24	22°13	2°R51	3°20	19°39	n.a.	W17
T 18	1 38 18	25°32'14	14°30	13° 3	12°29	6°36	22°30	3°35	8° 8	11°23	22°15	2°50	3°17	19°45	n.a.	T 18
F 19	1 42 15	26°33'24	28°34	13°21	13°27	7° 1	22°23	3°42	8° 8	11°22	22°17	2°50	3°14	19°52	n.a.	F 19
S 20	1 46 12	27°34'34	12♍32	13°R28	14°24	7°26	22°17	3°49	8° 7	11°21	22°19	2°49	3°10	19°59	n.a.	S 20
S 21	1 50 8	28°35'42	26°20	13°24	15°21	7°52	22°10	3°56	8° 7	11°20	22°21	2°49	3° 7	20° 5	n.a.	S 21
M22	1 54 5	29°36'49	9♎56	13° 8	16°18	8°18	22° 3	4° 3	8° 7	11°18	22°23	2°48	3° 4	20°12	n.a.	M22
T 23	1 58 1	0♏37'55	23°19	12°41	17°13	8°44	21°56	4°11	8° 6	11°17	22°25	2°48	3° 1	20°19	n.a.	T 23
W24	2 1 58	1°39'00	6♏27	12° 3	18° 8	9°10	21°49	4°18	8° 6	11°16	22°27	2°D48	2°58	20°26	n.a.	W24
T 25	2 5 54	2°40'03	19°19	11°15	19° 3	9°37	21°42	4°25	8° 5	11°15	22°29	2°R48	2°55	20°32	n.a.	T 25
F 26	2 9 51	3°41'05	1♐55	10°18	19°57	10° 3	21°35	4°32	8° 5	11°14	22°31	2°48	2°51	20°39	n.a.	F 26
S 27	2 13 48	4°42'06	14°17	9°14	20°50	10°30	21°28	4°40	8° 4	11°12	22°33	2°48	2°48	20°46	n.a.	S 27
S 28	2 17 44	5°43'05	26°26	8° 4	21°43	10°58	21°20	4°47	8° 3	11°11	22°35	2°47	2°45	20°53	n.a.	S 28
M29	2 21 41	6°44'02	8♑25	6°51	22°34	11°25	21°13	4°54	8° 2	11°10	22°36	2°47	2°42	20°59	n.a.	M29
T 30	2 25 37	7♏44'58	20♑19	5♏37	23♐25	11♒53	21♉ 5	5♏ 1	8♋ 2	11♊ 9	22♍38	2♏47	2♏39	21♑ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3 s20	19 s41	4n26	10 s53	2 s 5	22 s17	2 s50	22 s 3	1 s26	19n31	0n15	11 s22	1n 4	24n33	0n41	23n 1	0n12	12n52	10n22	12 s53	13 s16	17 s59		n.a.
T 2	3 45	18 37	4 55	11 29	2 6	22 33	2 50	21 56	1 24	19 31	0 15	11 24	1 3	24 33	0 42	23 1	0 12	12 51	10 22	12 53	13 15	17 58		n.a.
W 3	4 9	16 44	5 11	12 4	2 5	22 48	2 49	21 50	1 22	19 30	0 15	11 27	1 3	24 33	0 42	23 1	0 12	12 50	10 22	12 53	13 14	17 57		n.a.
T 4	4 34	14 9	5 14	12 38	2 5	23 2	2 48	21 43	1 19	19 29	0 16	11 29	1 3	24 33	0 42	23 1	0 12	12 49	10 22	12 52	13 13	17 56		n.a.
F 5	4 59	10 56	5 4	13 11	2 3	23 16	2 47	21 36	1 17	19 28	0 16	11 32	1 3	24 33	0 42	23 1	0 12	12 48	10 22	12 51	13 12	17 55		n.a.
S 6	5 23	7 12	4 39	13 42	2 1	23 29	2 46	21 29	1 15	19 27	0 16	11 35	1 3	24 33	0 42	23 0	0 12	12 47	10 22	12 50	13 11	17 54		n.a.
S 7	5 48	3 6	4 1	14 10	1 57	23 41	2 44	21 22	1 13	19 26	0 16	11 37	1 3	24 33	0 42	23 0	0 13	12 46	10 22	12 49	13 9	17 53		n.a.
M 8	6 12	1n15	3 10	14 37	1 53	23 52	2 42	21 15	1 11	19 25	0 16	11 40	1 3	24 33	0 42	23 0	0 13	12 46	10 22	12 48	13 8	17 51		n.a.
T 9	6 36	5 37	2 8	15 2	1 49	24 3	2 41	21 8	1 8	19 24	0 17	11 42	1 3	24 33	0 42	23 0	0 13	12 45	10 22	12 47	13 7	17 50		n.a.
W10	7 0	9 50	0 57	15 24	1 43	24 14	2 39	21 0	1 6	19 23	0 17	11 45	1 3	24 33	0 42	23 0	0 13	12 44	10 22	12 47	13 6	17 49		n.a.
T 11	7 24	13 36	0 s18	15 44	1 36	24 23	2 37	20 53	1 4	19 22	0 17	11 47	1 2	24 33	0 42	23 0	0 13	12 43	10 22	12 47	13 5	17 48		n.a.
F 12	7 48	16 41	1 33	16 1	1 28	24 32	2 34	20 45	1 2	19 20	0 17	11 50	1 2	24 33	0 42	23 0	0 13	12 42	10 22	12 47	13 4	17 47		n.a.
S 13	8 12	18 49	2 43	16 14	1 19	24 40	2 32	20 38	1 0	19 19	0 17	11 53	1 2	24 33	0 42	23 0	0 13	12 41	10 22	12 47	13 3	17 46		n.a.
S 14	8 36	19 49	3 44	16 24	1 9	24 48	2 29	20 30	0 58	19 18	0 18	11 55	1 2	24 33	0 42	23 0	0 13	12 41	10 22	12 48	13 2	17 44		n.a.
M15	8 59	19 33	4 32	16 30	0 57	24 55	2 27	20 22	0 57	19 17	0 18	11 58	1 2	24 33	0 42	23 0	0 13	12 40	10 23	12 48	13 1	17 43		n.a.
T 16	9 22	18 5	5 4	16 33	0 44	25 1	2 24	20 14	0 55	19 15	0 18	12 0	1 2	24 33	0 42	22 59	0 13	12 39	10 23	12 48	12 59	17 42		n.a.
W17	9 46	15 29	5 17	16 32	0 30	25 7	2 20	20 6	0 53	19 14	0 18	12 3	1 2	24 33	0 42	22 59	0 13	12 38	10 23	12 48	12 58	17 41		n.a.
T 18	10 9	12 0	5 11	16 26	0 15	25 12	2 17	19 58	0 51	19 12	0 18	12 6	1 2	24 33	0 42	22 59	0 13	12 38	10 23	12 48	12 57	17 40		n.a.
F 19	10 31	7 51	4 46	16 16	0n 1	25 16	2 14	19 50	0 49	19 11	0 18	12 8	1 2	24 34	0 42	22 59	0 13	12 37	10 23	12 48	12 56	17 39		n.a.
S 20	10 54	3 18	4 4	16 2	0 19	25 19	2 10	19 41	0 47	19 9	0 19	12 11	1 2	24 34	0 42	22 59	0 13	12 36	10 23	12 48	12 55	17 37		n.a.
S 21	11 16	1 s23	3 9	15 43	0 37	25 22	2 6	19 33	0 46	19 8	0 19	12 13	1 2	24 34	0 42	22 59	0 13	12 35	10 23	12 47	12 54	17 36		n.a.
M22	11 39	5 56	2 4	15 20	0 56	25 24	2 2	19 24	0 44	19 6	0 19	12 16	1 1	24 34	0 42	22 59	0 13	12 35	10 23	12 47	12 53	17 35		n.a.
T 23	12 1	10 7	0 52	14 53	1 15	25 26	1 58	19 16	0 42	19 4	0 19	12 18	1 1	24 34	0 42	22 59	0 13	12 34	10 23	12 47	12 52	17 34		n.a.
W24	12 23	13 44	0n20	14 23	1 35	25 27	1 53	19 7	0 40	19 3	0 19	12 21	1 1	24 34	0 43	22 58	0 13	12 33	10 23	12 47	12 51	17 33		n.a.
T 25	12 44	16 36	1 30	13 50	1 54	25 27	1 48	18 58	0 39	19 1	0 20	12 24	1 1	24 34	0 43	22 58	0 13	12 33	10 24	12 47	12 49	17 31		n.a.
F 26	13 6	18 36	2 35	13 14	2 12	25 26	1 43	18 49	0 37	18 59	0 20	12 26	1 1	24 34	0 43	22 58	0 13	12 32	10 24	12 47	12 48	17 30		n.a.
S 27	13 27	19 40	3 31	12 37	2 30	25 25	1 38	18 40	0 36	18 57	0 20	12 29	1 1	24 34	0 43	22 58	0 13	12 31	10 24	12 47	12 47	17 29		n.a.
S 28	13 48	19 48	4 16	11 59	2 46	25 23	1 33	18 31	0 34	18 56	0 20	12 31	1 1	24 34	0 43	22 58	0 13	12 31	10 24	12 47	12 46	17 28		n.a.
M29	14 8	19 2	4 49	11 21	3 0	25 21	1 27	18 22	0 33	18 54	0 20	12 34	1 1	24 34	0 43	22 58	0 13	12 30	10 24	12 47	12 45	17 27		n.a.
T 30	14 s29	17 s25	5n10	10 s45	3n12	25 s18	1 s22	18 s12	0 s31	18n52	0n21	12 s36	1n 1	24n34	0n43	22n57	0n13	12n30	10n24	12 s47	12 s44	17 s25		n.a.

Julian Day Number = 199730.5, Delta T = 32h12m30s
Ecliptic obliquity = 24°06'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'35, Lahiri = -61°11'34 Julian Calendar 1 Nov. 4167 BCE == Greg. Calendar 29 Sept. 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4167 BCE
geocentric

DECEMBER 4167 BCE (-4166) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 29 34	8♏45'52	2♒11	4°R24	24♐15	12♒21	20°R58	5♏ 9	8°R 1	11°R 7	22♍40	2°R46	2♏36	21♑13	n.a.	W 1
T 2	2 33 30	9°46'44	14° 6	3♏14	25° 5	12°49	20♉50	5°16	8♋ 0	11♊ 6	22°42	2°D46	2°32	21°19	n.a.	T 2
F 3	2 37 27	10°47'34	26° 9	2° 9	25°53	13°17	20°42	5°23	7°59	11° 5	22°44	2♏47	2°29	21°26	n.a.	F 3
S 4	2 41 24	11°48'22	8♓24	1° 9	26°40	13°45	20°35	5°30	7°58	11° 3	22°45	2°47	2°26	21°33	n.a.	S 4
S 5	2 45 20	12°49'08	20°56	0°17	27°27	14°14	20°27	5°38	7°57	11° 2	22°47	2°48	2°23	21°40	n.a.	S 5
M 6	2 49 17	13°49'53	3♈48	29♎32	28°12	14°43	20°19	5°45	7°56	11° 0	22°49	2°49	2°20	21°46	n.a.	M 6
T 7	2 53 13	14°50'35	17° 2	28°55	28°57	15°12	20°11	5°52	7°55	10°59	22°50	2°50	2°16	21°53	n.a.	T 7
W 8	2 57 10	15°51'16	0♉38	28°27	29°40	15°41	20° 3	5°59	7°53	10°57	22°52	2°R51	2°13	22° 0	n.a.	W 8
T 9	3 1 6	16°51'55	14°35	28° 6	0♑23	16°10	19°55	6° 6	7°52	10°56	22°53	2°50	2°10	22° 6	n.a.	T 9
F 10	3 5 3	17°52'32	28°50	27°54	1° 4	16°40	19°47	6°14	7°51	10°54	22°55	2°49	2° 7	22°13	n.a.	F 10
S 11	3 9 0	18°53'08	13♊18	27°D49	1°44	17° 9	19°39	6°21	7°49	10°53	22°56	2°48	2° 4	22°20	n.a.	S 11
S 12	3 12 56	19°53'42	27°53	27°52	2°22	17°39	19°31	6°28	7°48	10°51	22°58	2°45	2° 1	22°27	n.a.	S 12
M13	3 16 53	20°54'14	12♋28	28° 1	3° 0	18° 9	19°23	6°35	7°47	10°50	22°59	2°43	1°57	22°33	n.a.	M13
T 14	3 20 49	21°54'44	26°59	28°17	3°36	18°39	19°15	6°42	7°45	10°48	23° 1	2°41	1°54	22°40	n.a.	T 14
W15	3 24 46	22°55'13	11♌19	28°38	4°10	19° 9	19° 8	6°49	7°43	10°47	23° 2	2°40	1°51	22°47	n.a.	W15
T 16	3 28 42	23°55'40	25°26	29° 5	4°43	19°40	19° 0	6°56	7°42	10°45	23° 4	2°D39	1°48	22°54	n.a.	T 16
F 17	3 32 39	24°56'06	9♍20	29°37	5°15	20°10	18°52	7° 3	7°40	10°44	23° 5	2°40	1°45	23° 0	n.a.	F 17
S 18	3 36 36	25°56'30	22°58	0♏14	5°45	20°41	18°44	7°10	7°39	10°42	23° 6	2°41	1°42	23° 7	n.a.	S 18
S 19	3 40 32	26°56'52	6♎22	0°55	6°14	21°12	18°36	7°17	7°37	10°40	23° 8	2°43	1°38	23°14	n.a.	S 19
M20	3 44 29	27°57'12	19°32	1°40	6°40	21°43	18°28	7°24	7°35	10°39	23° 9	2°44	1°35	23°20	n.a.	M20
T 21	3 48 25	28°57'31	2♏30	2°29	7° 5	22°14	18°20	7°31	7°33	10°37	23°10	2°R45	1°32	23°27	n.a.	T 21
W22	3 52 22	29°57'47	15°16	3°21	7°29	22°45	18°13	7°38	7°32	10°36	23°11	2°44	1°29	23°34	n.a.	W22
T 23	3 56 18	0♐58'02	27°50	4°16	7°50	23°16	18° 5	7°45	7°30	10°34	23°12	2°42	1°26	23°41	n.a.	T 23
F 24	4 0 15	1°58'14	10♐13	5°14	8° 9	23°48	17°58	7°52	7°28	10°32	23°14	2°38	1°22	23°47	n.a.	F 24
S 25	4 4 11	2°58'25	22°26	6°14	8°27	24°19	17°50	7°59	7°26	10°31	23°15	2°33	1°19	23°54	n.a.	S 25
S 26	4 8 8	3°58'33	4♑31	7°18	8°42	24°51	17°43	8° 6	7°24	10°29	23°16	2°28	1°16	24° 1	n.a.	S 26
M27	4 12 5	4°58'39	16°28	8°23	8°55	25°22	17°35	8°12	7°22	10°27	23°17	2°22	1°13	24° 8	n.a.	M27
T 28	4 16 1	5°58'43	28°21	9°31	9° 6	25°54	17°28	8°19	7°20	10°26	23°18	2°16	1°10	24°14	n.a.	T 28
W29	4 19 58	6°58'44	10♒13	10°41	9°15	26°26	17°21	8°26	7°18	10°24	23°19	2°12	1° 7	24°21	n.a.	W29
T 30	4 23 54	7°58'43	22° 6	11°52	9°21	26°58	17°14	8°32	7°16	10°22	23°20	2° 9	1° 3	24°28	n.a.	T 30
F 31	4 27 51	8♐58'39	4♓ 7	13♏ 6	9♑25	27♒31	17♉ 7	8♏39	7♋13	10♊21	23♍21	2°D 7	1♏ 0	24♑34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s49	15s 5	5n17	10s11	3n22	25s14	1s16	18s 3	0s30	18n50	0n21	12s39	1n 1	24n34	0n43	22n57	0n13	12n29	10n24	12s47	12s43	17s24		n.a.
T 2	15 9	12 6	5 11	9 39	3 30	25 10	1 9	17 53	0 28	18 48	0 21	12 41	1 1	24 35	0 43	22 57	0 13	12 28	10 25	12 47	12 42	17 23		n.a.
F 3	15 29	8 36	4 51	9 11	3 36	25 6	1 3	17 44	0 27	18 46	0 21	12 44	1 1	24 35	0 43	22 57	0 13	12 28	10 25	12 47	12 40	17 22		n.a.
S 4	15 48	4 40	4 18	8 48	3 39	25 0	0 56	17 34	0 25	18 44	0 21	12 47	1 1	24 35	0 43	22 57	0 13	12 27	10 25	12 47	12 39	17 21		n.a.
S 5	16 7	0 27	3 32	8 28	3 40	24 54	0 49	17 24	0 24	18 42	0 21	12 49	1 1	24 35	0 43	22 57	0 13	12 27	10 25	12 47	12 38	17 19		n.a.
M 6	16 26	3n54	2 34	8 12	3 39	24 48	0 42	17 14	0 22	18 40	0 22	12 52	1 1	24 35	0 43	22 56	0 13	12 26	10 25	12 48	12 37	17 18		n.a.
T 7	16 44	8 12	1 27	8 1	3 37	24 41	0 35	17 4	0 21	18 38	0 22	12 54	1 0	24 35	0 43	22 56	0 13	12 26	10 25	12 48	12 36	17 17		n.a.
W 8	17 3	12 12	0 12	7 55	3 33	24 34	0 27	16 54	0 20	18 36	0 22	12 57	1 0	24 35	0 43	22 56	0 13	12 25	10 26	12 48	12 35	17 16		n.a.
T 9	17 21	15 38	1s 5	7 52	3 28	24 26	0 19	16 43	0 18	18 34	0 22	12 59	1 0	24 35	0 43	22 56	0 13	12 25	10 26	12 48	12 34	17 14		n.a.
F 10	17 38	18 12	2 19	7 53	3 22	24 17	0 11	16 33	0 17	18 32	0 22	13 2	1 0	24 35	0 43	22 56	0 13	12 24	10 26	12 48	12 33	17 13		n.a.
S 11	17 55	19 38	3 25	7 58	3 15	24 8	0 2	16 23	0 16	18 30	0 23	13 4	1 0	24 36	0 43	22 55	0 13	12 24	10 26	12 47	12 31	17 12		n.a.
S 12	18 12	19 47	4 19	8 7	3 7	23 59	0n 6	16 12	0 14	18 28	0 23	13 6	1 0	24 36	0 43	22 55	0 13	12 24	10 26	12 46	12 30	17 11		n.a.
M13	18 29	18 36	4 56	8 18	2 58	23 49	0 15	16 2	0 13	18 26	0 23	13 9	1 0	24 36	0 43	22 55	0 13	12 23	10 27	12 45	12 29	17 10		n.a.
T 14	18 45	16 13	5 14	8 32	2 49	23 39	0 24	15 51	0 12	18 24	0 23	13 11	1 0	24 36	0 43	22 55	0 13	12 23	10 27	12 45	12 28	17 8		n.a.
W15	19 1	12 53	5 12	8 48	2 40	23 29	0 34	15 40	0 11	18 22	0 23	13 14	1 0	24 36	0 43	22 55	0 13	12 22	10 27	12 44	12 27	17 7		n.a.
T 16	19 17	8 51	4 51	9 7	2 30	23 18	0 44	15 29	0 10	18 20	0 23	13 16	1 0	24 36	0 43	22 54	0 13	12 22	10 27	12 44	12 26	17 6		n.a.
F 17	19 32	4 24	4 13	9 28	2 21	23 7	0 54	15 18	0 8	18 18	0 24	13 19	1 0	24 36	0 43	22 54	0 13	12 22	10 27	12 44	12 25	17 5		n.a.
S 18	19 47	0s12	3 22	9 50	2 11	22 55	1 4	15 7	0 7	18 16	0 24	13 21	1 0	24 37	0 44	22 54	0 13	12 21	10 28	12 45	12 24	17 3		n.a.
S 19	20 1	4 44	2 20	10 14	2 0	22 43	1 14	14 56	0 6	18 14	0 24	13 23	1 0	24 37	0 44	22 54	0 13	12 21	10 28	12 45	12 22	17 2		n.a.
M20	20 15	8 58	1 12	10 40	1 50	22 31	1 25	14 44	0 5	18 11	0 24	13 26	1 0	24 37	0 44	22 53	0 13	12 21	10 28	12 46	12 21	17 1		n.a.
T 21	20 29	12 42	0 1	11 6	1 40	22 19	1 36	14 33	0 4	18 9	0 24	13 28	1 0	24 37	0 44	22 53	0 13	12 20	10 28	12 46	12 20	17 0		n.a.
W22	20 43	15 47	1n 8	11 34	1 30	22 6	1 48	14 22	0 3	18 7	0 24	13 30	1 0	24 37	0 44	22 53	0 13	12 20	10 29	12 46	12 19	16 58		n.a.
T 23	20 56	18 4	2 13	12 3	1 20	21 53	1 59	14 10	0 2	18 5	0 24	13 33	1 0	24 37	0 44	22 53	0 13	12 20	10 29	12 45	12 18	16 57		n.a.
F 24	21 8	19 28	3 11	12 32	1 10	21 41	2 11	13 58	0 1	18 3	0 25	13 35	1 0	24 37	0 44	22 53	0 13	12 20	10 29	12 44	12 17	16 56		n.a.
S 25	21 20	19 55	3 59	13 2	1 0	21 27	2 23	13 47	0n 1	18 1	0 25	13 37	1 0	24 38	0 44	22 52	0 13	12 19	10 29	12 42	12 16	16 54		n.a.
S 26	21 32	19 26	4 36	13 32	0 51	21 14	2 35	13 35	0 2	17 59	0 25	13 40	1 0	24 38	0 44	22 52	0 13	12 19	10 29	12 40	12 15	16 53		n.a.
M27	21 43	18 6	5 0	14 3	0 41	21 1	2 48	13 23	0 3	17 57	0 25	13 42	1 0	24 38	0 44	22 52	0 13	12 19	10 30	12 38	12 13	16 52		n.a.
T 28	21 54	16 0	5 11	14 34	0 32	20 47	3 0	13 11	0 4	17 55	0 25	13 44	1 0	24 38	0 44	22 52	0 13	12 19	10 30	12 36	12 12	16 51		n.a.
W29	22 5	13 14	5 9	15 5	0 23	20 34	3 13	12 59	0 5	17 53	0 25	13 46	0 59	24 38	0 44	22 51	0 13	12 18	10 30	12 34	12 11	16 49		n.a.
T 30	22 15	9 55	4 53	15 37	0 14	20 21	3 26	12 47	0 6	17 51	0 25	13 49	0 59	24 38	0 44	22 51	0 14	12 18	10 30	12 33	12 10	16 48		n.a.
F 31	22s25	6s11	4n25	16s 8	0n 5	20s 7	3n40	12s34	0n 7	17n49	0n26	13s51	0n59	24n38	0n44	22n51	0n14	12n18	10n31	12s33	12s 9	16s47		n.a.

Julian Day Number = 199760.5, Delta T = 32h12m27s
Ecliptic obliquity = 24°06'44, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'31, Lahiri = -61°11'30 Julian Calendar 1 Dec. 4167 BCE == Greg. Calendar 29 Oct. 4167 BCE

The year -4166 astronomical counting style corresponds to year 4167 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

JANUARY 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 31 47	9♐58'33	16♓19	14♏21	9°R26	28♒ 3	17°R 0	8♏46	7°R11	10°R19	23♍22	2♏ 7	0♏57	24♑41	n.a.	S 1
S 2	4 35 44	10°58'24	28°46	15°38	9♑25	28°35	16♉53	8°52	7♋ 9	10♊17	23°22	2° 8	0°54	24°48	n.a.	S 2
M 3	4 39 40	11°58'13	11♈35	16°57	9°22	29° 8	16°47	8°59	7° 7	10°16	23°23	2°10	0°51	24°55	n.a.	M 3
T 4	4 43 37	12°57'59	24°48	18°17	9°16	29°40	16°40	9° 5	7° 5	10°14	23°24	2°11	0°47	25° 1	n.a.	T 4
W 5	4 47 33	13°57'43	8♉28	19°39	9° 7	0♓13	16°34	9°12	7° 2	10°12	23°25	2°R11	0°44	25° 8	n.a.	W 5
T 6	4 51 30	14°57'25	22°35	21° 2	8°56	0°45	16°28	9°18	7° 0	10°11	23°26	2°10	0°41	25°15	n.a.	T 6
F 7	4 55 27	15°57'04	7♊ 7	22°27	8°42	1°18	16°21	9°24	6°58	10° 9	23°26	2° 6	0°38	25°22	n.a.	F 7
S 8	4 59 23	16°56'41	21°57	23°53	8°26	1°51	16°15	9°31	6°55	10° 7	23°27	2° 0	0°35	25°28	n.a.	S 8
S 9	5 3 20	17°56'15	6♋59	25°20	8° 8	2°24	16°10	9°37	6°53	10° 6	23°28	1°53	0°32	25°35	n.a.	S 9
M10	5 7 16	18°55'48	22° 1	26°49	7°47	2°57	16° 4	9°43	6°50	10° 4	23°28	1°46	0°28	25°42	n.a.	M10
T 11	5 11 13	19°55'18	6♌56	28°18	7°23	3°30	15°58	9°49	6°48	10° 2	23°29	1°40	0°25	25°48	n.a.	T 11
W12	5 15 9	20°54'46	21°35	29°50	6°58	4° 3	15°53	9°55	6°46	10° 1	23°29	1°34	0°22	25°55	n.a.	W12
T 13	5 19 6	21°54'13	5♍53	1♐22	6°30	4°37	15°48	10° 1	6°43	9°59	23°30	1°31	0°19	26° 2	n.a.	T 13
F 14	5 23 2	22°53'37	19°49	2°56	6° 0	5°10	15°43	10° 7	6°41	9°57	23°30	1°D30	0°16	26° 9	n.a.	F 14
S 15	5 26 59	23°52'59	3♎22	4°31	5°29	5°43	15°38	10°13	6°38	9°56	23°31	1°30	0°13	26°15	n.a.	S 15
S 16	5 30 55	24°52'19	16°35	6° 8	4°56	6°17	15°33	10°19	6°36	9°54	23°31	1°31	0° 9	26°22	n.a.	S 16
M17	5 34 52	25°51'37	29°29	7°45	4°21	6°50	15°28	10°25	6°33	9°53	23°31	1°R32	0° 6	26°29	n.a.	M17
T 18	5 38 49	26°50'53	12♏ 9	9°24	3°45	7°24	15°24	10°31	6°31	9°51	23°32	1°31	0° 3	26°35	n.a.	T 18
W19	5 42 45	27°50'07	24°36	11° 5	3° 9	7°58	15°19	10°36	6°28	9°50	23°32	1°29	29♎59	26°42	n.a.	W19
T 20	5 46 42	28°49'19	6♐54	12°46	2°31	8°31	15°15	10°42	6°26	9°48	23°32	1°23	29°57	26°49	n.a.	T 20
F 21	5 50 38	29°48'29	19° 4	14°29	1°53	9° 5	15°11	10°48	6°23	9°46	23°33	1°16	29°53	26°56	n.a.	F 21
S 22	5 54 35	0♑47'37	1♑ 7	16°13	1°15	9°39	15° 7	10°53	6°20	9°45	23°33	1° 6	29°50	27° 2	n.a.	S 22
S 23	5 58 31	1°46'42	13° 5	17°59	0°36	10°13	15° 4	10°59	6°18	9°43	23°33	0°54	29°47	27° 9	n.a.	S 23
M24	6 2 28	2°45'45	24°59	19°46	29♐58	10°47	15° 0	11° 4	6°15	9°42	23°33	0°42	29°44	27°16	n.a.	M24
T 25	6 6 24	3°44'45	6♒51	21°34	29°21	11°21	14°57	11°10	6°13	9°40	23°33	0°31	29°41	27°23	n.a.	T 25
W26	6 10 21	4°43'43	18°43	23°24	28°44	11°55	14°54	11°15	6°10	9°39	23°33	0°20	29°38	27°29	n.a.	W26
T 27	6 14 17	5°42'39	0♓36	25°15	28° 8	12°29	14°51	11°20	6° 8	9°37	23°R33	0°13	29°34	27°36	n.a.	T 27
F 28	6 18 14	6°41'32	12°36	27° 7	27°33	13° 4	14°48	11°25	6° 5	9°36	23°33	0° 7	29°31	27°43	n.a.	F 28
S 29	6 22 10	7°40'22	24°45	29° 1	27° 0	13°38	14°46	11°30	6° 2	9°34	23°33	0° 5	29°28	27°49	n.a.	S 29
S 30	6 26 7	8°39'10	7♈ 9	0♑56	26°28	14°12	14°44	11°35	6° 0	9°33	23°33	0°D 4	29°25	27°56	n.a.	S 30
M31	6 30 3	9♑37'56	19♈52	2♑52	25♐58	14♓47	14♉41	11♏40	5♋57	9♊32	23♍33	0♏ 4	29♎22	28♑ 3	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s34	2s 8	3n44	16s39	0s 4	19s54	3n53	12s22	0n 8	17n48	0n26	13s53	0n59	24n39	0n44	22n51	0n14	12n18	10n31	12s33	12s 8	16s46		n.a.
S 2	22 43	2n 7	2 52	17 11	0 12	19 40	4 6	12 10	0 8	17 46	0 26	13 55	0 59	24 39	0 44	22 50	0 14	12 18	10 31	12 33	12 7	16 44		n.a.
M 3	22 51	6 23	1 50	17 42	0 20	19 27	4 20	11 57	0 9	17 44	0 26	13 57	0 59	24 39	0 44	22 50	0 14	12 18	10 31	12 34	12 5	16 43		n.a.
T 4	22 59	10 29	0 40	18 12	0 28	19 14	4 33	11 45	0 10	17 42	0 26	13 59	0 59	24 39	0 44	22 50	0 14	12 18	10 32	12 34	12 4	16 42		n.a.
W 5	23 7	14 11	0s34	18 43	0 36	19 1	4 47	11 32	0 11	17 40	0 26	14 2	0 59	24 39	0 44	22 50	0 14	12 18	10 32	12 34	12 3	16 40		n.a.
T 6	23 14	17 11	1 48	19 13	0 43	18 48	5 0	11 19	0 12	17 39	0 26	14 4	0 59	24 39	0 44	22 50	0 14	12 18	10 32	12 34	12 2	16 39		n.a.
F 7	23 21	19 11	2 58	19 42	0 50	18 36	5 14	11 7	0 13	17 37	0 26	14 6	0 59	24 39	0 44	22 49	0 14	12 17	10 32	12 32	12 1	16 38		n.a.
S 8	23 27	19 56	3 56	20 11	0 57	18 24	5 27	10 54	0 14	17 35	0 27	14 8	0 59	24 40	0 44	22 49	0 14	12 17	10 33	12 30	12 0	16 36		n.a.
S 9	23 33	19 16	4 40	20 40	1 4	18 12	5 40	10 41	0 15	17 34	0 27	14 10	0 59	24 40	0 44	22 49	0 14	12 17	10 33	12 28	11 59	16 35		n.a.
M10	23 38	17 16	5 3	21 7	1 10	18 0	5 53	10 28	0 16	17 32	0 27	14 12	0 59	24 40	0 44	22 49	0 14	12 17	10 33	12 25	11 57	16 34		n.a.
T 11	23 43	14 7	5 7	21 34	1 16	17 49	6 6	10 15	0 16	17 31	0 27	14 14	0 59	24 40	0 44	22 48	0 14	12 17	10 34	12 23	11 56	16 32		n.a.
W12	23 47	10 9	4 49	22 0	1 21	17 38	6 18	10 2	0 17	17 29	0 27	14 16	0 59	24 40	0 44	22 48	0 14	12 17	10 34	12 21	11 55	16 31		n.a.
T 13	23 51	5 41	4 14	22 25	1 27	17 28	6 30	9 49	0 18	17 28	0 27	14 18	0 59	24 40	0 44	22 48	0 14	12 17	10 34	12 20	11 54	16 30		n.a.
F 14	23 55	1 1	3 25	22 50	1 32	17 18	6 41	9 35	0 19	17 26	0 27	14 20	0 59	24 41	0 44	22 48	0 14	12 18	10 34	12 19	11 53	16 29		n.a.
S 15	23 58	3s35	2 26	23 13	1 36	17 8	6 52	9 22	0 20	17 25	0 27	14 22	0 59	24 41	0 44	22 47	0 14	12 18	10 35	12 20	11 52	16 27		n.a.
S 16	24 0	7 55	1 20	23 35	1 40	16 59	7 2	9 9	0 20	17 23	0 27	14 24	0 59	24 41	0 44	22 47	0 14	12 18	10 35	12 20	11 51	16 26		n.a.
M17	24 3	11 46	0 11	23 56	1 44	16 51	7 11	8 55	0 21	17 22	0 27	14 26	0 59	24 41	0 44	22 47	0 14	12 18	10 35	12 20	11 49	16 25		n.a.
T 18	24 4	15 1	0n57	24 15	1 47	16 43	7 20	8 42	0 22	17 21	0 28	14 27	0 59	24 41	0 44	22 47	0 14	12 18	10 35	12 20	11 48	16 23		n.a.
W19	24 5	17 30	2 0	24 33	1 51	16 36	7 28	8 28	0 23	17 20	0 28	14 29	0 59	24 41	0 44	22 47	0 14	12 18	10 36	12 19	11 47	16 22		n.a.
T 20	24 6	19 9	2 58	24 50	1 53	16 30	7 36	8 14	0 24	17 18	0 28	14 31	0 59	24 41	0 44	22 46	0 14	12 18	10 36	12 17	11 46	16 21		n.a.
F 21	24 7	19 54	3 46	25 5	1 55	16 24	7 42	8 1	0 24	17 17	0 28	14 33	0 59	24 42	0 44	22 46	0 14	12 18	10 36	12 14	11 45	16 19		n.a.
S 22	24 6	19 43	4 23	25 19	1 57	16 19	7 48	7 47	0 25	17 16	0 28	14 35	0 59	24 42	0 44	22 46	0 14	12 18	10 36	12 11	11 44	16 18		n.a.
S 23	24 6	18 39	4 49	25 31	1 58	16 14	7 53	7 33	0 26	17 15	0 28	14 36	0 59	24 42	0 44	22 46	0 14	12 19	10 37	12 7	11 43	16 17		n.a.
M24	24 5	16 47	5 2	25 41	1 59	16 10	7 56	7 19	0 26	17 14	0 28	14 38	0 59	24 42	0 44	22 45	0 14	12 19	10 37	12 2	11 41	16 15		n.a.
T 25	24 3	14 14	5 1	25 49	1 59	16 7	7 59	7 5	0 27	17 13	0 28	14 40	0 59	24 42	0 44	22 45	0 14	12 19	10 37	11 58	11 40	16 14		n.a.
W26	24 1	11 5	4 48	25 56	1 59	16 5	8 1	6 51	0 28	17 13	0 28	14 42	0 59	24 42	0 44	22 45	0 14	12 19	10 37	11 55	11 39	16 13		n.a.
T 27	23 59	7 30	4 22	26 0	1 59	16 3	8 3	6 37	0 29	17 12	0 28	14 43	0 59	24 42	0 44	22 45	0 14	12 19	10 38	11 52	11 38	16 11		n.a.
F 28	23 56	3 35	3 44	26 2	1 57	16 3	8 3	6 23	0 29	17 11	0 28	14 45	0 59	24 42	0 44	22 45	0 14	12 20	10 38	11 50	11 37	16 10		n.a.
S 29	23 53	0n33	2 56	26 2	1 56	16 2	8 2	6 9	0 30	17 10	0 28	14 46	0 59	24 43	0 44	22 44	0 14	12 20	10 38	11 49	11 36	16 8		n.a.
S 30	23 49	4 43	1 59	26 0	1 53	16 3	8 1	5 55	0 31	17 10	0 29	14 48	0 59	24 43	0 44	22 44	0 14	12 20	10 38	11 49	11 34	16 7		n.a.
M31	23s45	8n49	0n54	25s55	1s51	16s 5	7n59	5s41	0n31	17n 9	0n29	14s50	0n59	24n43	0n44	22n44	0n14	12n20	10n39	11s49	11s33	16s 6		n.a.

Julian Day Number = 199791.5, Delta T = 32h12m23s
Ecliptic obliquity = 24°06'44, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'27, Lahiri = -61°11'26 Julian Calendar 1 Jan. 4166 BCE == Greg. Calendar 29 Nov. 4167 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

FEBRUARY 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 34 0	10♉36'39	3♉ 0	4♉50	25°R30	15♓21	14°R40	11♏45	5°R55	9°R30	23°R33	0°R 4	29♎19	28♉10	n.a.	T 1
W 2	6 37 57	11°35'19	16°34	6°49	25♐ 4	15°56	14♉38	11°50	5♋52	9♊29	23♍33	0♏ 3	29°15	28°16	n.a.	W 2
T 3	6 41 53	12°33'57	0♊39	8°49	24°40	16°30	14°36	11°55	5°49	9°28	23°32	0° 0	29°12	28°23	n.a.	T 3
F 4	6 45 50	13°32'33	15°11	10°51	24°18	17° 5	14°35	11°59	5°47	9°26	23°32	29♎54	29° 9	28°30	n.a.	F 4
S 5	6 49 46	14°31'07	0♋ 9	12°53	23°59	17°39	14°34	12° 4	5°44	9°25	23°32	29°46	29° 6	28°37	n.a.	S 5
S 6	6 53 43	15°29'38	15°22	14°57	23°42	18°14	14°33	12° 9	5°42	9°24	23°32	29°36	29° 3	28°43	n.a.	S 6
M 7	6 57 39	16°28'07	0♌41	17° 2	23°27	18°49	14°32	12°13	5°39	9°22	23°31	29°26	28°59	28°50	n.a.	M 7
T 8	7 1 36	17°26'34	15°55	19° 7	23°15	19°23	14°31	12°17	5°37	9°21	23°31	29°16	28°56	28°57	n.a.	T 8
W 9	7 5 32	18°24'59	0♍52	21°12	23° 6	19°58	14°31	12°22	5°34	9°20	23°31	29° 7	28°53	29° 3	n.a.	W 9
T 10	7 9 29	19°23'21	15°26	23°18	22°59	20°33	14°30	12°26	5°32	9°19	23°30	29° 1	28°50	29°10	n.a.	T 10
F 11	7 13 25	20°21'43	29°32	25°25	22°54	21° 8	14°D30	12°30	5°29	9°18	23°30	28°58	28°47	29°17	n.a.	F 11
S 12	7 17 22	21°20'02	13♎10	27°31	22°D52	21°43	14°30	12°34	5°27	9°16	23°29	28°57	28°44	29°24	n.a.	S 12
S 13	7 21 18	22°18'19	26°22	29°36	22°52	22°18	14°31	12°38	5°24	9°15	23°29	28°57	28°40	29°30	n.a.	S 13
M14	7 25 15	23°16'35	9♏12	1♒41	22°55	22°53	14°31	12°42	5°22	9°14	23°28	28°57	28°37	29°37	n.a.	M14
T 15	7 29 11	24°14'49	21°44	3°44	23° 0	23°28	14°32	12°46	5°20	9°13	23°28	28°55	28°34	29°44	n.a.	T 15
W16	7 33 8	25°13'02	4♐ 2	5°47	23° 7	24° 3	14°33	12°50	5°17	9°12	23°27	28°51	28°31	29°51	n.a.	W16
T 17	7 37 5	26°11'12	16° 9	7°47	23°16	24°38	14°34	12°53	5°15	9°11	23°26	28°45	28°28	29°57	n.a.	T 17
F 18	7 41 1	27° 9'21	28°10	9°46	23°28	25°13	14°35	12°57	5°12	9°10	23°26	28°36	28°25	0♒ 4	n.a.	F 18
S 19	7 44 58	28° 7'28	10♉ 5	11°42	23°41	25°48	14°36	13° 0	5°10	9° 9	23°25	28°24	28°21	0°11	n.a.	S 19
S 20	7 48 54	29° 5'33	21°59	13°35	23°57	26°24	14°38	13° 4	5° 8	9° 8	23°24	28°10	28°18	0°17	n.a.	S 20
M21	7 52 51	0♒ 3'36	3♒50	15°26	24°14	26°59	14°40	13° 7	5° 6	9° 7	23°23	27°56	28°15	0°24	n.a.	M21
T 22	7 56 47	1° 1'37	15°43	17°13	24°33	27°34	14°42	13°10	5° 3	9° 6	23°23	27°42	28°12	0°31	n.a.	T 22
W23	8 0 44	1°59'36	27°37	18°57	24°55	28°10	14°44	13°14	5° 1	9° 5	23°22	27°30	28° 9	0°38	n.a.	W23
T 24	8 4 40	2°57'34	9♓34	20°38	25°18	28°45	14°46	13°17	4°59	9° 4	23°21	27°20	28° 5	0°44	n.a.	T 24
F 25	8 8 37	3°55'29	21°37	22°14	25°42	29°20	14°49	13°20	4°57	9° 4	23°20	27°13	28° 2	0°51	n.a.	F 25
S 26	8 12 33	4°53'22	3♈49	23°47	26° 8	29°56	14°51	13°23	4°55	9° 3	23°19	27° 9	27°59	0°58	n.a.	S 26
S 27	8 16 30	5°51'13	16°14	25°16	26°36	0♈31	14°54	13°25	4°52	9° 2	23°18	27° 7	27°56	1° 5	n.a.	S 27
M28	8 20 26	6♒49'02	28♈56	26♒40	27♐ 5	1♈ 7	14♉57	13♏28	4♋50	9♊ 1	23♍17	27°D 7	27♎53	1♒11	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s40	12n37	0s16	25 s48	1 s47	16s 7	7n56	5 s27	0n32	17n 9	0n29	14 s51	0n59	24n43	0n44	22n44	0n14	12n21	10n39	11 s49	11 s32	16s 4		n.a.
W 2	23 35	15 53	1 26	25 39	1 43	16 9	7 52	5 12	0 32	17 8	0 29	14 53	0 59	24 43	0 44	22 43	0 14	12 21	10 39	11 48	11 31	16 3		n.a.
T 3	23 30	18 20	2 35	25 27	1 39	16 13	7 48	4 58	0 33	17 8	0 29	14 54	0 59	24 43	0 45	22 43	0 14	12 21	10 39	11 47	11 30	16 2		n.a.
F 4	23 24	19 42	3 35	25 12	1 33	16 17	7 43	4 44	0 34	17 7	0 29	14 56	0 59	24 43	0 45	22 43	0 14	12 22	10 40	11 45	11 29	16 0		n.a.
S 5	23 18	19 44	4 22	24 55	1 27	16 22	7 37	4 29	0 34	17 7	0 29	14 57	0 59	24 43	0 45	22 43	0 14	12 22	10 40	11 42	11 28	15 59		n.a.
S 6	23 11	18 22	4 52	24 35	1 21	16 27	7 31	4 15	0 35	17 7	0 29	14 58	0 59	24 44	0 45	22 43	0 14	12 22	10 40	11 39	11 26	15 58		n.a.
M 7	23 4	15 40	5 1	24 13	1 14	16 33	7 24	4 0	0 36	17 7	0 29	15 0	0 59	24 44	0 45	22 43	0 14	12 23	10 40	11 35	11 25	15 56		n.a.
T 8	22 56	11 56	4 49	23 48	1 6	16 40	7 17	3 46	0 36	17 6	0 29	15 1	0 59	24 44	0 45	22 42	0 14	12 23	10 41	11 31	11 24	15 55		n.a.
W 9	22 48	7 29	4 17	23 21	0 58	16 47	7 10	3 31	0 37	17 6	0 29	15 3	0 59	24 44	0 45	22 42	0 14	12 23	10 41	11 28	11 23	15 53		n.a.
T 10	22 40	2 43	3 29	22 51	0 49	16 54	7 2	3 17	0 37	17 6	0 29	15 4	0 59	24 44	0 45	22 42	0 14	12 24	10 41	11 26	11 22	15 52		n.a.
F 11	22 31	2s 4	2 29	22 19	0 40	17 2	6 54	3 2	0 38	17 6	0 29	15 5	0 59	24 44	0 45	22 42	0 14	12 24	10 41	11 25	11 21	15 51		n.a.
S 12	22 22	6 36	1 23	21 44	0 30	17 10	6 45	2 47	0 38	17 6	0 29	15 6	0 59	24 44	0 44	22 42	0 14	12 25	10 42	11 24	11 19	15 49		n.a.
S 13	22 12	10 40	0 14	21 8	0 20	17 19	6 36	2 33	0 39	17 7	0 29	15 8	0 59	24 44	0 44	22 41	0 14	12 25	10 42	11 24	11 18	15 48		n.a.
M14	22 2	14 7	0n54	20 30	0 10	17 28	6 28	2 18	0 40	17 7	0 30	15 9	0 59	24 44	0 44	22 41	0 14	12 25	10 42	11 24	11 17	15 47		n.a.
T 15	21 52	16 49	1 57	19 50	0n 1	17 37	6 18	2 3	0 40	17 7	0 30	15 10	0 59	24 45	0 44	22 41	0 14	12 26	10 42	11 24	11 16	15 45		n.a.
W16	21 41	18 42	2 54	19 9	0 12	17 47	6 9	1 49	0 41	17 7	0 30	15 11	0 59	24 45	0 44	22 41	0 14	12 26	10 43	11 22	11 15	15 44		n.a.
T 17	21 30	19 42	3 42	18 27	0 24	17 57	6 0	1 34	0 41	17 8	0 30	15 12	0 59	24 45	0 44	22 41	0 14	12 27	10 43	11 20	11 14	15 42		n.a.
F 18	21 19	19 47	4 19	17 44	0 35	18 7	5 50	1 19	0 42	17 8	0 30	15 13	0 59	24 45	0 44	22 41	0 14	12 27	10 43	11 16	11 12	15 41		n.a.
S 19	21 7	18 59	4 45	17 1	0 47	18 17	5 41	1 4	0 42	17 9	0 30	15 14	0 59	24 45	0 44	22 41	0 14	12 28	10 43	11 12	11 11	15 40		n.a.
S 20	20 55	17 22	4 58	16 17	0 58	18 27	5 31	0 49	0 43	17 9	0 30	15 16	0 59	24 45	0 44	22 40	0 14	12 28	10 43	11 7	11 10	15 38		n.a.
M21	20 42	15 1	4 58	15 33	1 10	18 37	5 22	0 35	0 43	17 10	0 30	15 17	0 59	24 45	0 44	22 40	0 14	12 29	10 44	11 2	11 9	15 37		n.a.
T 22	20 29	12 3	4 45	14 49	1 21	18 48	5 12	0 20	0 44	17 10	0 30	15 18	0 59	24 45	0 44	22 40	0 14	12 29	10 44	10 57	11 8	15 35		n.a.
W23	20 16	8 35	4 20	14 6	1 32	18 58	5 3	0 5	0 44	17 11	0 30	15 18	0 59	24 45	0 44	22 40	0 14	12 30	10 44	10 52	11 7	15 34		n.a.
T 24	20 3	4 46	3 43	13 24	1 43	19 9	4 53	0n10	0 45	17 12	0 30	15 19	0 59	24 45	0 44	22 40	0 14	12 30	10 44	10 49	11 5	15 33		n.a.
F 25	19 49	0 44	2 56	12 43	1 53	19 19	4 43	0 25	0 45	17 13	0 30	15 20	0 59	24 45	0 44	22 40	0 14	12 31	10 44	10 46	11 4	15 31		n.a.
S 26	19 35	3n23	2 0	12 3	2 3	19 30	4 34	0 40	0 46	17 13	0 30	15 21	0 59	24 45	0 44	22 40	0 14	12 31	10 45	10 45	11 3	15 30		n.a.
S 27	19 20	7 26	0 57	11 24	2 12	19 40	4 24	0 55	0 46	17 14	0 30	15 22	0 59	24 45	0 44	22 40	0 14	12 32	10 45	10 44	11 2	15 28		n.a.
M28	19s 5	11n15	0s10	10s46	2n21	19s50	4n15	1n10	0n47	17n15	0n30	15s23	0n59	24n46	0n44	22n39	0n14	12n32	10n45	10s44	11s 1	15s27		n.a.

Julian Day Number = 199822.5, Delta T = 32h12m20s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'23, Lahiri = -61°11'22 Julian Calendar 1 Feb. 4166 BCE == Greg. Calendar 30 Dec. 4167 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

MARCH 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 24 23	7♒46'49	11♉59	28♒ 0	27♐36	1♈42	15♉ 0	13♏31	4°R48	9°R 1	23°R16	27°R 7	27♎50	1♒18	n.a.	T 1
W 2	8 28 19	8°44'35	25°27	29°16	28° 8	2°18	15° 4	13°33	4♋46	9♊ 0	23♍15	27♎ 6	27°46	1°25	n.a.	W 2
T 3	8 32 16	9°42'18	9♊22	0♓28	28°41	2°54	15° 7	13°36	4°44	8°59	23°14	27° 3	27°43	1°31	n.a.	T 3
F 4	8 36 13	10°39'59	23°46	1°35	29°16	3°29	15°11	13°38	4°42	8°59	23°13	26°58	27°40	1°38	n.a.	F 4
S 5	8 40 9	11°37'39	8♋35	2°38	29°52	4° 5	15°15	13°40	4°41	8°58	23°12	26°51	27°37	1°45	n.a.	S 5
S 6	8 44 6	12°35'17	23°43	3°36	0♌29	4°41	15°19	13°42	4°39	8°58	23°11	26°41	27°34	1°52	n.a.	S 6
M 7	8 48 2	13°32'53	9♌ 2	4°29	1° 8	5°16	15°23	13°44	4°37	8°57	23°10	26°31	27°30	1°58	n.a.	M 7
T 8	8 51 59	14°30'27	24°19	5°17	1°47	5°52	15°27	13°46	4°35	8°57	23° 9	26°21	27°27	2° 5	n.a.	T 8
W 9	8 55 55	15°28'00	9♍23	6° 1	2°28	6°28	15°32	13°48	4°33	8°56	23° 8	26°13	27°24	2°12	n.a.	W 9
T 10	8 59 52	16°25'31	24° 6	6°40	3° 9	7° 4	15°37	13°50	4°32	8°56	23° 7	26° 7	27°21	2°19	n.a.	T 10
F 11	9 3 48	17°23'01	8♎22	7°14	3°52	7°40	15°41	13°52	4°30	8°55	23° 5	26° 4	27°18	2°25	n.a.	F 11
S 12	9 7 45	18°20'30	22° 8	7°43	4°35	8°16	15°46	13°53	4°28	8°55	23° 4	26°D 3	27°15	2°32	n.a.	S 12
S 13	9 11 41	19°17'58	5♏27	8° 7	5°19	8°51	15°51	13°55	4°27	8°55	23° 3	26° 3	27°11	2°39	n.a.	S 13
M14	9 15 38	20°15'25	18°20	8°26	6° 5	9°27	15°57	13°56	4°25	8°54	23° 2	26°R 3	27° 8	2°45	n.a.	M14
T 15	9 19 34	21°12'51	0♐52	8°41	6°51	10° 3	16° 2	13°57	4°24	8°54	23° 0	26° 3	27° 5	2°52	n.a.	T 15
W16	9 23 31	22°10'15	13° 8	8°50	7°38	10°39	16° 8	13°59	4°22	8°54	22°59	26° 1	27° 2	2°59	n.a.	W16
T 17	9 27 28	23° 7'39	25°12	8°R54	8°25	11°15	16°14	14° 0	4°21	8°54	22°58	25°56	26°59	3° 6	n.a.	T 17
F 18	9 31 24	24° 5'01	7♑ 8	8°54	9°14	11°52	16°20	14° 1	4°19	8°53	22°56	25°50	26°56	3°12	n.a.	F 18
S 19	9 35 21	25° 2'23	19° 1	8°49	10° 3	12°28	16°26	14° 2	4°18	8°53	22°55	25°41	26°52	3°19	n.a.	S 19
S 20	9 39 17	25°59'43	0♒52	8°39	10°53	13° 4	16°32	14° 2	4°17	8°53	22°54	25°30	26°49	3°26	n.a.	S 20
M21	9 43 14	26°57'03	12°44	8°26	11°43	13°40	16°38	14° 3	4°15	8°53	22°52	25°19	26°46	3°32	n.a.	M21
T 22	9 47 10	27°54'21	24°40	8° 8	12°34	14°16	16°45	14° 4	4°14	8°53	22°51	25° 8	26°43	3°39	n.a.	T 22
W23	9 51 7	28°51'38	6♓39	7°47	13°26	14°52	16°51	14° 4	4°13	8°D53	22°49	24°59	26°40	3°46	n.a.	W23
T 24	9 55 3	29°48'54	18°44	7°22	14°18	15°29	16°58	14° 5	4°12	8°53	22°48	24°51	26°36	3°53	n.a.	T 24
F 25	9 59 0	0♓46'09	0♈57	6°54	15°11	16° 5	17° 5	14° 5	4°11	8°53	22°47	24°46	26°33	3°59	n.a.	F 25
S 26	10 2 57	1°43'23	13°19	6°25	16° 5	16°41	17°12	14° 5	4°10	8°53	22°45	24°44	26°30	4° 6	n.a.	S 26
S 27	10 6 53	2°40'35	25°52	5°53	16°59	17°17	17°19	14° 5	4° 9	8°53	22°44	24°D43	26°27	4°13	n.a.	S 27
M28	10 10 50	3°37'47	8♉41	5°20	17°53	17°54	17°26	14°R 5	4° 8	8°53	22°42	24°44	26°24	4°20	n.a.	M28
T 29	10 14 46	4°34'57	21°46	4°46	18°48	18°30	17°34	14° 5	4° 7	8°54	22°41	24°45	26°21	4°26	n.a.	T 29
W30	10 18 43	5°32'06	5♊12	4°12	19°43	19° 7	17°41	14° 5	4° 6	8°54	22°39	24°R45	26°17	4°33	n.a.	W30
T 31	10 22 39	6♓29'14	19♊ 1	3♓38	20♑39	19♈43	17♉49	14♏ 5	4♋ 6	8♊54	22♍38	24♎44	26♎14	4♒40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	18s50	14n37	1s18	10s11	2n29	20s 0	4n 6	1n25	0n47	17n16	0n30	15s24	0n59	24n46	0n44	22n39	0n14	12n33	10n45	10s44	11s 0	15s25			n.a.
W 2	18 35	17 20	2 24	9 37	2 37	20 10	3 56	1 40	0 47	17 17	0 30	15 24	0 59	24 46	0 44	22 39	0 14	12 33	10 45	10 43	10 58	15 24			n.a.
T 3	18 19	19 7	3 24	9 5	2 43	20 19	3 47	1 55	0 48	17 19	0 30	15 25	0 59	24 46	0 44	22 39	0 14	12 34	10 45	10 42	10 57	15 23			n.a.
F 4	18 3	19 45	4 13	8 35	2 50	20 29	3 38	2 10	0 48	17 20	0 30	15 26	0 59	24 46	0 44	22 39	0 14	12 35	10 46	10 41	10 56	15 21			n.a.
S 5	17 47	19 3	4 47	8 7	2 55	20 38	3 29	2 25	0 49	17 21	0 30	15 26	0 59	24 46	0 44	22 39	0 14	12 35	10 46	10 38	10 55	15 20			n.a.
S 6	17 30	17 1	5 1	7 41	2 59	20 47	3 20	2 40	0 49	17 22	0 30	15 27	0 59	24 46	0 44	22 39	0 14	12 36	10 46	10 34	10 54	15 18			n.a.
M 7	17 13	13 46	4 55	7 18	3 3	20 56	3 11	2 54	0 50	17 23	0 31	15 28	1 0	24 46	0 44	22 39	0 14	12 36	10 46	10 31	10 53	15 17			n.a.
T 8	16 56	9 36	4 27	6 58	3 6	21 4	3 2	3 9	0 50	17 25	0 31	15 28	1 0	24 46	0 44	22 39	0 14	12 37	10 46	10 27	10 51	15 15			n.a.
W 9	16 39	4 52	3 41	6 40	3 8	21 12	2 53	3 24	0 50	17 26	0 31	15 29	1 0	24 46	0 44	22 39	0 14	12 38	10 46	10 24	10 50	15 14			n.a.
T 10	16 21	0s 3	2 41	6 24	3 8	21 20	2 45	3 39	0 51	17 28	0 31	15 29	1 0	24 46	0 44	22 39	0 14	12 38	10 46	10 22	10 49	15 13			n.a.
F 11	16 3	4 49	1 33	6 12	3 8	21 27	2 36	3 54	0 51	17 29	0 31	15 30	1 0	24 46	0 44	22 39	0 14	12 39	10 46	10 20	10 48	15 11			n.a.
S 12	15 45	9 11	0 21	6 2	3 7	21 34	2 28	4 9	0 52	17 31	0 31	15 30	1 0	24 46	0 44	22 38	0 14	12 39	10 47	10 20	10 47	15 10			n.a.
S 13	15 27	12 55	0n50	5 55	3 5	21 40	2 20	4 24	0 52	17 32	0 31	15 31	1 0	24 46	0 44	22 38	0 14	12 40	10 47	10 20	10 46	15 8			n.a.
M14	15 8	15 55	1 56	5 50	3 1	21 46	2 12	4 39	0 52	17 34	0 31	15 31	1 0	24 46	0 44	22 38	0 14	12 41	10 47	10 20	10 44	15 7			n.a.
T 15	14 50	18 4	2 54	5 49	2 57	21 52	2 4	4 54	0 53	17 36	0 31	15 32	1 0	24 46	0 44	22 38	0 14	12 41	10 47	10 20	10 43	15 5			n.a.
W16	14 30	19 19	3 43	5 51	2 51	21 57	1 56	5 9	0 53	17 37	0 31	15 32	1 0	24 46	0 44	22 38	0 14	12 42	10 47	10 19	10 42	15 4			n.a.
T 17	14 11	19 40	4 22	5 55	2 45	22 2	1 48	5 24	0 54	17 39	0 31	15 32	1 0	24 46	0 44	22 38	0 14	12 42	10 47	10 18	10 41	15 2			n.a.
F 18	13 52	19 7	4 48	6 3	2 37	22 7	1 41	5 38	0 54	17 41	0 31	15 33	1 0	24 46	0 44	22 38	0 14	12 43	10 47	10 15	10 40	15 1			n.a.
S 19	13 32	17 44	5 2	6 13	2 28	22 10	1 33	5 53	0 54	17 43	0 31	15 33	1 0	24 46	0 44	22 38	0 14	12 44	10 47	10 12	10 38	14 59			n.a.
S 20	13 12	15 37	5 2	6 26	2 18	22 14	1 26	6 8	0 55	17 44	0 31	15 33	1 0	24 46	0 44	22 38	0 14	12 44	10 47	10 8	10 37	14 58			n.a.
M21	12 52	12 50	4 50	6 42	2 6	22 17	1 18	6 23	0 55	17 46	0 31	15 33	1 0	24 46	0 44	22 38	0 14	12 45	10 47	10 4	10 36	14 57			n.a.
T 22	12 32	9 31	4 25	7 0	1 54	22 19	1 11	6 38	0 55	17 48	0 31	15 33	1 0	24 46	0 44	22 38	0 14	12 46	10 48	10 0	10 35	14 55			n.a.
W23	12 12	5 48	3 48	7 20	1 41	22 21	1 4	6 52	0 56	17 50	0 31	15 34	1 0	24 46	0 44	22 38	0 14	12 46	10 48	9 56	10 34	14 54			n.a.
T 24	11 51	1 49	3 1	7 42	1 27	22 22	0 57	7 7	0 56	17 52	0 31	15 34	1 0	24 46	0 44	22 38	0 14	12 47	10 48	9 53	10 33	14 52			n.a.
F 25	11 30	2n16	2 4	8 6	1 12	22 23	0 51	7 22	0 56	17 54	0 31	15 34	1 0	24 46	0 44	22 38	0 14	12 48	10 48	9 51	10 31	14 51			n.a.
S 26	11 9	6 20	1 1	8 32	0 57	22 23	0 44	7 36	0 57	17 56	0 31	15 34	1 0	24 46	0 44	22 38	0 14	12 48	10 48	9 50	10 30	14 49			n.a.
S 27	10 48	10 10	0s 6	8 58	0 41	22 23	0 38	7 51	0 57	17 59	0 31	15 34	1 0	24 46	0 44	22 38	0 14	12 49	10 48	9 50	10 29	14 48			n.a.
M28	10 27	13 37	1 15	9 26	0 25	22 22	0 31	8 6	0 57	18 1	0 31	15 34	1 0	24 46	0 44	22 38	0 14	12 49	10 48	9 50	10 28	14 46			n.a.
T 29	10 6	16 28	2 21	9 54	0 8	22 20	0 25	8 20	0 58	18 3	0 31	15 34	1 0	24 46	0 44	22 38	0 14	12 50	10 48	9 51	10 27	14 45			n.a.
W30	9 44	18 29	3 21	10 22	0s 8	22 18	0 19	8 35	0 58	18 5	0 31	15 34	1 0	24 46	0 44	22 38	0 14	12 51	10 48	9 51	10 25	14 43			n.a.
T 31	9s23	19n29	4s11	10s50	0s25	22s16	0n13	8n49	0n58	18n 7	0n31	15s34	1n 0	24n46	0n44	22n38	0n14	12n51	10n48	9s51	10s24	14s42			n.a.

Julian Day Number = 199850.5, Delta T = 32h12m17s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'19, Lahiri = -61°11'18 Julian Calendar 1 March 4166 BCE == Greg. Calendar 27 Jan. 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

APRIL 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 26 36	7♓26'21	3♋14	3°R 6	21♉36	20♈20	17♉57	14°R 4	4°R 5	8♊54	22°R36	24°R42	26♎11	4♒46	n.a.	F 1
S 2	10 30 32	8°23'27	17°48	2♓35	22°32	20°56	18° 5	14♏ 4	4♋ 4	8°55	22♍35	24♎38	26° 8	4°53	n.a.	S 2
S 3	10 34 29	9°20'32	2♌39	2° 6	23°30	21°33	18°13	14° 3	4° 4	8°55	22°33	24°32	26° 5	5° 0	n.a.	S 3
M 4	10 38 26	10°17'36	17°41	1°40	24°27	22° 9	18°21	14° 3	4° 3	8°55	22°31	24°26	26° 2	5° 7	n.a.	M 4
T 5	10 42 22	11°14'39	2♍45	1°16	25°25	22°46	18°29	14° 2	4° 3	8°56	22°30	24°19	25°58	5°13	n.a.	T 5
W 6	10 46 19	12°11'41	17°41	0°56	26°24	23°22	18°38	14° 1	4° 2	8°56	22°28	24°14	25°55	5°20	n.a.	W 6
T 7	10 50 15	13° 8'43	2♎20	0°40	27°22	23°59	18°46	14° 0	4° 2	8°57	22°27	24°11	25°52	5°27	n.a.	T 7
F 8	10 54 12	14° 5'44	16°37	0°27	28°21	24°35	18°55	13°59	4° 1	8°57	22°25	24° 9	25°49	5°34	n.a.	F 8
S 9	10 58 8	15° 2'45	0♏27	0°19	29°21	25°12	19° 3	13°58	4° 1	8°58	22°24	24°D 9	25°46	5°40	n.a.	S 9
S 10	11 2 5	15°59'45	13°50	0°D15	0♒21	25°49	19°12	13°57	4° 1	8°58	22°22	24°10	25°42	5°47	n.a.	S 10
M11	11 6 1	16°56'46	26°48	0°15	1°21	26°26	19°21	13°55	4° 1	8°59	22°20	24°11	25°39	5°54	n.a.	M11
T 12	11 9 58	17°53'46	9♐24	0°21	2°21	27° 2	19°30	13°54	4° 0	8°59	22°19	24°13	25°36	6° 0	n.a.	T 12
W13	11 13 55	18°50'46	21°43	0°30	3°22	27°39	19°39	13°52	4° 0	9° 0	22°17	24°R13	25°33	6° 7	n.a.	W13
T 14	11 17 51	19°47'46	3♑48	0°44	4°23	28°16	19°49	13°51	4°D 0	9° 1	22°16	24°12	25°30	6°14	n.a.	T 14
F 15	11 21 48	20°44'46	15°45	1° 3	5°25	28°53	19°58	13°49	4° 0	9° 2	22°14	24° 9	25°27	6°21	n.a.	F 15
S 16	11 25 44	21°41'46	27°37	1°27	6°26	29°30	20° 8	13°47	4° 0	9° 2	22°12	24° 6	25°23	6°27	n.a.	S 16
S 17	11 29 41	22°38'46	9♒29	1°55	7°28	0♉ 6	20°17	13°45	4° 0	9° 3	22°11	24° 1	25°20	6°34	n.a.	S 17
M18	11 33 37	23°35'46	21°24	2°27	8°30	0°43	20°27	13°43	4° 1	9° 4	22° 9	23°56	25°17	6°41	n.a.	M18
T 19	11 37 34	24°32'46	3♓24	3° 4	9°33	1°20	20°37	13°41	4° 1	9° 5	22° 8	23°50	25°14	6°47	n.a.	T 19
W20	11 41 31	25°29'45	15°31	3°45	10°35	1°57	20°46	13°39	4° 1	9° 6	22° 6	23°46	25°11	6°54	n.a.	W20
T 21	11 45 27	26°26'45	27°48	4°30	11°38	2°34	20°56	13°37	4° 1	9° 6	22° 4	23°43	25° 7	7° 1	n.a.	T 21
F 22	11 49 24	27°23'44	10♈15	5°20	12°42	3°11	21° 6	13°34	4° 2	9° 7	22° 3	23°41	25° 4	7° 8	n.a.	F 22
S 23	11 53 20	28°20'44	22°53	6°13	13°45	3°48	21°17	13°32	4° 2	9° 8	22° 1	23°D40	25° 1	7°14	n.a.	S 23
S 24	11 57 17	29°17'43	5♉43	7°11	14°49	4°26	21°27	13°30	4° 3	9° 9	22° 0	23°40	24°58	7°21	n.a.	S 24
M25	12 1 13	0♈14'42	18°47	8°13	15°52	5° 3	21°37	13°27	4° 3	9°10	21°58	23°42	24°55	7°28	n.a.	M25
T 26	12 5 10	1°11'41	2♊ 5	9°19	16°57	5°40	21°47	13°24	4° 4	9°11	21°56	23°43	24°52	7°35	n.a.	T 26
W27	12 9 7	2° 8'40	15°39	10°28	18° 1	6°17	21°58	13°22	4° 4	9°13	21°55	23°44	24°48	7°41	n.a.	W27
T 28	12 13 3	3° 5'39	29°29	11°42	19° 5	6°54	22° 9	13°19	4° 5	9°14	21°53	23°R45	24°45	7°48	n.a.	T 28
F 29	12 17 0	4° 2'38	13♋35	12°59	20°10	7°31	22°19	13°16	4° 6	9°15	21°52	23°45	24°42	7°55	n.a.	F 29
S 30	12 20 56	4♈59'36	27♋55	14♓19	21♒15	8♉ 9	22♉30	13♏13	4♋ 7	9♊16	21♍50	23♎44	24♎39	8♒ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9s 1	19n17	4s47	11s17	0s41	22s13	0n 7	9n 4	0n59	18n10	0n32	15s33	1n 0	24n46	0n44	22n39	0n14	12n52	10n48	9s50	10s23	14s40		n.a.
S 2	8 39	17 50	5 6	11 44	0 57	22 9	0 1	9 18	0 59	18 12	0 32	15 33	1 0	24 46	0 44	22 39	0 14	12 53	10 48	9 48	10 22	14 39		n.a.
S 3	8 17	15 10	5 5	12 9	1 13	22 5	0s 4	9 32	0 59	18 14	0 32	15 33	1 0	24 46	0 44	22 39	0 14	12 53	10 48	9 46	10 21	14 37		n.a.
M 4	7 55	11 28	4 44	12 32	1 28	22 0	0 10	9 47	1 0	18 17	0 32	15 33	1 0	24 46	0 44	22 39	0 14	12 54	10 48	9 44	10 20	14 36		n.a.
T 5	7 33	7 2	4 2	12 54	1 42	21 54	0 15	10 1	1 0	18 19	0 32	15 33	1 0	24 46	0 43	22 39	0 14	12 54	10 48	9 41	10 18	14 34		n.a.
W 6	7 11	2 11	3 5	13 14	1 55	21 48	0 21	10 15	1 0	18 22	0 32	15 32	1 0	24 46	0 43	22 39	0 14	12 55	10 48	9 39	10 17	14 33		n.a.
T 7	6 48	2s43	1 56	13 32	2 8	21 41	0 26	10 29	1 1	18 24	0 32	15 32	1 0	24 46	0 43	22 39	0 14	12 56	10 48	9 38	10 16	14 31		n.a.
F 8	6 26	7 20	0 41	13 47	2 19	21 34	0 31	10 44	1 1	18 27	0 32	15 32	1 0	24 46	0 43	22 39	0 14	12 56	10 48	9 37	10 15	14 30		n.a.
S 9	6 3	11 25	0n34	14 0	2 30	21 26	0 36	10 58	1 1	18 29	0 32	15 31	1 0	24 46	0 43	22 39	0 14	12 57	10 48	9 37	10 14	14 28		n.a.
S 10	5 40	14 46	1 45	14 10	2 39	21 18	0 40	11 12	1 1	18 32	0 32	15 31	1 0	24 46	0 43	22 39	0 14	12 58	10 48	9 38	10 12	14 27		n.a.
M11	5 18	17 16	2 48	14 18	2 48	21 9	0 45	11 26	1 2	18 34	0 32	15 31	1 0	24 46	0 43	22 39	0 14	12 58	10 48	9 38	10 11	14 25		n.a.
T 12	4 55	18 50	3 42	14 23	2 55	20 59	0 49	11 40	1 2	18 37	0 32	15 30	1 0	24 46	0 43	22 39	0 14	12 59	10 48	9 39	10 10	14 24		n.a.
W13	4 32	19 28	4 23	14 25	3 1	20 49	0 54	11 54	1 2	18 39	0 32	15 30	1 0	24 46	0 43	22 40	0 14	12 59	10 47	9 39	10 9	14 22		n.a.
T 14	4 9	19 11	4 52	14 25	3 7	20 38	0 58	12 7	1 2	18 42	0 32	15 29	1 0	24 46	0 43	22 40	0 14	13 0	10 47	9 38	10 8	14 21		n.a.
F 15	3 46	18 3	5 9	14 22	3 11	20 27	1 2	12 21	1 3	18 45	0 32	15 29	1 0	24 46	0 43	22 40	0 14	13 0	10 47	9 37	10 6	14 19		n.a.
S 16	3 23	16 8	5 11	14 16	3 14	20 15	1 6	12 35	1 3	18 47	0 32	15 28	1 0	24 46	0 43	22 40	0 14	13 1	10 47	9 36	10 5	14 18		n.a.
S 17	3 0	13 33	5 1	14 8	3 16	20 3	1 10	12 48	1 3	18 50	0 32	15 28	1 0	24 46	0 43	22 40	0 15	13 2	10 47	9 34	10 4	14 16		n.a.
M18	2 37	10 24	4 37	13 57	3 17	19 49	1 14	13 2	1 3	18 53	0 32	15 27	1 0	24 46	0 43	22 40	0 15	13 2	10 47	9 32	10 3	14 15		n.a.
T 19	2 13	6 48	4 1	13 43	3 18	19 36	1 17	13 16	1 4	18 55	0 32	15 26	1 0	24 46	0 43	22 40	0 15	13 3	10 47	9 30	10 2	14 13		n.a.
W20	1 50	2 54	3 14	13 27	3 17	19 22	1 21	13 29	1 4	18 58	0 32	15 26	1 0	24 46	0 43	22 40	0 15	13 3	10 47	9 29	10 1	14 12		n.a.
T 21	1 27	1n11	2 17	13 9	3 15	19 7	1 24	13 42	1 4	19 1	0 32	15 25	1 0	24 46	0 43	22 41	0 15	13 4	10 47	9 27	9 59	14 10		n.a.
F 22	1 4	5 17	1 13	12 48	3 13	18 52	1 27	13 56	1 4	19 4	0 32	15 24	1 0	24 46	0 43	22 41	0 15	13 4	10 47	9 27	9 58	14 9		n.a.
S 23	0 41	9 12	0 4	12 24	3 10	18 36	1 30	14 9	1 5	19 6	0 32	15 24	1 0	24 46	0 43	22 41	0 15	13 5	10 46	9 26	9 57	14 7		n.a.
S 24	0 17	12 46	1s 6	11 58	3 6	18 20	1 33	14 22	1 5	19 9	0 33	15 23	1 0	24 46	0 43	22 41	0 15	13 5	10 46	9 26	9 56	14 6		n.a.
M25	0n 6	15 45	2 14	11 30	3 1	18 3	1 36	14 35	1 5	19 12	0 33	15 22	1 0	24 46	0 43	22 41	0 15	13 6	10 46	9 27	9 55	14 4		n.a.
T 26	0 29	17 58	3 16	11 0	2 56	17 46	1 39	14 48	1 5	19 15	0 33	15 21	1 0	24 46	0 43	22 41	0 15	13 6	10 46	9 27	9 53	14 3		n.a.
W27	0 53	19 12	4 8	10 27	2 49	17 28	1 42	15 1	1 5	19 18	0 33	15 20	1 0	24 46	0 43	22 42	0 15	13 7	10 46	9 28	9 52	14 1		n.a.
T 28	1 16	19 19	4 48	9 52	2 42	17 10	1 44	15 14	1 6	19 21	0 33	15 20	1 0	24 46	0 43	22 42	0 15	13 7	10 46	9 28	9 51	14 0		n.a.
F 29	1 39	18 15	5 10	9 15	2 35	16 51	1 47	15 27	1 6	19 23	0 33	15 19	1 0	24 46	0 43	22 42	0 15	13 8	10 45	9 28	9 50	13 58		n.a.
S 30	2n 2	16n 2	5s15	8s35	2s27	16s32	1s49	15n39	1n 6	19n26	0n33	15s18	1n 0	24n45	0n43	22n42	0n15	13n 8	10n45	9s28	9s49	13s57		n.a.

Julian Day Number = 199881.5, Delta T = 32h12m14s
Ecliptic obliquity = 24°06'44, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'15, Lahiri = -61°11'14 Julian Calendar 1 Apr. 4166 BCE == Greg. Calendar 27 Feb. 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

MAY 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 24 53	5♈56'35	12♌27	15♓44	22♒20	8♉46	22♉41	13°R10	4♋ 8	9♊17	21°R49	23°R42	24♎36	8♒ 8	n.a.	S 1
M 2	12 28 49	6°53'33	27° 5	17°12	23°25	9°23	22°52	13♏ 7	4° 8	9°18	21♍47	23♎40	24°33	8°15	n.a.	M 2
T 3	12 32 46	7°50'32	11♍45	18°44	24°30	10° 1	23° 3	13° 3	4° 9	9°20	21°45	23°38	24°29	8°22	n.a.	T 3
W 4	12 36 43	8°47'30	26°19	20°19	25°36	10°38	23°14	13° 0	4°10	9°21	21°44	23°36	24°26	8°28	n.a.	W 4
T 5	12 40 39	9°44'30	10♎41	21°58	26°42	11°15	23°25	12°57	4°11	9°22	21°42	23°35	24°23	8°35	n.a.	T 5
F 6	12 44 36	10°41'29	24°46	23°39	27°48	11°53	23°36	12°53	4°13	9°23	21°41	23°D35	24°20	8°42	n.a.	F 6
S 7	12 48 32	11°38'29	8♏30	25°25	28°54	12°30	23°47	12°50	4°14	9°25	21°39	23°35	24°17	8°48	n.a.	S 7
S 8	12 52 29	12°35'30	21°52	27°13	29°59	13° 8	23°58	12°46	4°15	9°26	21°38	23°36	24°13	8°55	n.a.	S 8
M 9	12 56 26	13°32'31	4♐51	29° 4	1♓ 6	13°45	24°10	12°43	4°16	9°28	21°36	23°37	24°10	9° 2	n.a.	M 9
T 10	13 0 22	14°29'34	17°30	0♈58	2°13	14°23	24°21	12°39	4°17	9°29	21°35	23°38	24° 7	9° 9	n.a.	T 10
W11	13 4 19	15°26'37	29°51	2°55	3°20	15° 0	24°33	12°35	4°19	9°31	21°34	23°39	24° 4	9°15	n.a.	W11
T 12	13 8 15	16°23'41	11♑58	4°54	4°27	15°38	24°44	12°32	4°20	9°32	21°32	23°R39	24° 1	9°22	n.a.	T 12
F 13	13 12 12	17°20'46	23°57	6°55	5°34	16°16	24°56	12°28	4°22	9°33	21°31	23°39	23°58	9°29	n.a.	F 13
S 14	13 16 8	18°17'52	5♒50	8°57	6°41	16°53	25° 8	12°24	4°23	9°35	21°29	23°39	23°54	9°35	n.a.	S 14
S 15	13 20 5	19°14'58	17°43	11° 2	7°48	17°31	25°19	12°20	4°25	9°37	21°28	23°38	23°51	9°42	n.a.	S 15
M16	13 24 2	20°12'06	29°40	13° 7	8°56	18° 9	25°31	12°16	4°26	9°38	21°27	23°38	23°48	9°49	n.a.	M16
T 17	13 27 58	21° 9'15	11♓45	15°14	10° 3	18°47	25°43	12°12	4°28	9°40	21°25	23°37	23°45	9°56	n.a.	T 17
W18	13 31 55	22° 6'25	24° 0	17°21	11°11	19°24	25°55	12° 8	4°30	9°41	21°24	23°37	23°42	10° 2	n.a.	W18
T 19	13 35 51	23° 3'35	6♈28	19°29	12°19	20° 2	26° 7	12° 4	4°31	9°43	21°23	23°37	23°38	10° 9	n.a.	T 19
F 20	13 39 48	24° 0'47	19°11	21°36	13°27	20°40	26°19	12° 0	4°33	9°45	21°21	23°37	23°35	10°16	n.a.	F 20
S 21	13 43 44	24°58'00	2♉ 9	23°43	14°35	21°18	26°31	11°56	4°35	9°46	21°20	23°37	23°32	10°23	n.a.	S 21
S 22	13 47 41	25°55'14	15°22	25°50	15°43	21°56	26°43	11°51	4°37	9°48	21°19	23°37	23°29	10°29	n.a.	S 22
M23	13 51 38	26°52'28	28°49	27°56	16°52	22°34	26°55	11°47	4°39	9°50	21°18	23°37	23°26	10°36	n.a.	M23
T 24	13 55 34	27°49'44	12♊29	0♉ 2	18° 0	23°12	27° 8	11°43	4°41	9°52	21°16	23°36	23°23	10°43	n.a.	T 24
W25	13 59 31	28°47'00	26°21	2° 6	19° 9	23°50	27°20	11°38	4°43	9°53	21°15	23°36	23°19	10°49	n.a.	W25
T 26	14 3 27	29°44'18	10♋23	4° 9	20°18	24°28	27°32	11°34	4°45	9°55	21°14	23°35	23°16	10°56	n.a.	T 26
F 27	14 7 24	0♉41'36	24°31	6°11	21°27	25° 6	27°45	11°30	4°47	9°57	21°13	23°D35	23°13	11° 3	n.a.	F 27
S 28	14 11 20	1°38'55	8♌45	8°12	22°36	25°44	27°57	11°25	4°49	9°59	21°12	23°35	23°10	11°10	n.a.	S 28
S 29	14 15 17	2°36'15	23° 1	10°11	23°45	26°22	28° 9	11°21	4°51	10° 1	21°11	23°35	23° 7	11°16	n.a.	S 29
M30	14 19 14	3°33'35	7♍17	12° 9	24°54	27° 1	28°22	11°16	4°54	10° 2	21°10	23°36	23° 4	11°23	n.a.	M30
T 31	14 23 10	4♉30'57	21♍30	14♉ 5	26♓ 3	27♉39	28♉35	11♏12	4♋56	10♊ 4	21♍ 9	23♎37	23♎ 0	11♒30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	2n25	12n46	4s59	7s54	2s18	16s12	1s51	15n52	1n 6	19n29	0n33	15s17	1n 0	24n45	0n43	22n42	0n15	13n 9	10n45	9s27	9s47	13s55			n.a.
M 2	2 49	8 42	4 24	7 10	2 9	15 52	1 53	16 4	1 6	19 32	0 33	15 16	1 0	24 45	0 43	22 42	0 15	13 9	10 45	9 26	9 46	13 53			n.a.
T 3	3 12	4 7	3 31	6 24	2 0	15 31	1 55	16 17	1 7	19 35	0 33	15 15	1 0	24 45	0 43	22 43	0 15	13 10	10 45	9 26	9 45	13 52			n.a.
W 4	3 35	0s42	2 25	5 37	1 50	15 10	1 57	16 29	1 7	19 38	0 33	15 14	1 0	24 45	0 43	22 43	0 15	13 10	10 45	9 25	9 44	13 50			n.a.
T 5	3 58	5 25	1 11	4 47	1 39	14 49	1 58	16 41	1 7	19 41	0 33	15 13	1 0	24 45	0 43	22 43	0 15	13 11	10 44	9 25	9 43	13 49			n.a.
F 6	4 21	9 45	0n 7	3 56	1 29	14 27	2 0	16 53	1 7	19 44	0 33	15 12	1 0	24 45	0 43	22 43	0 15	13 11	10 44	9 24	9 41	13 47			n.a.
S 7	4 44	13 27	1 22	3 3	1 18	14 4	2 2	17 5	1 7	19 47	0 33	15 11	1 0	24 45	0 42	22 44	0 15	13 11	10 44	9 25	9 40	13 46			n.a.
S 8	5 7	16 20	2 30	2 9	1 6	13 42	2 3	17 17	1 8	19 50	0 33	15 10	1 0	24 45	0 42	22 44	0 15	13 12	10 44	9 25	9 39	13 44			n.a.
M 9	5 29	18 17	3 29	1 13	0 55	13 19	2 4	17 29	1 8	19 53	0 33	15 9	1 0	24 45	0 42	22 44	0 15	13 12	10 43	9 25	9 38	13 43			n.a.
T 10	5 52	19 15	4 16	0 16	0 44	12 55	2 5	17 41	1 8	19 56	0 33	15 8	0 59	24 45	0 42	22 44	0 15	13 13	10 43	9 26	9 37	13 41			n.a.
W11	6 15	19 17	4 50	0n42	0 32	12 31	2 6	17 52	1 8	19 59	0 33	15 7	0 59	24 45	0 42	22 44	0 15	13 13	10 43	9 26	9 35	13 39			n.a.
T 12	6 37	18 24	5 10	1 41	0 21	12 7	2 7	18 4	1 8	20 2	0 33	15 5	0 59	24 45	0 42	22 45	0 15	13 13	10 43	9 26	9 34	13 38			n.a.
F 13	7 0	16 43	5 17	2 40	0 10	11 42	2 8	18 15	1 8	20 4	0 34	15 4	0 59	24 45	0 42	22 45	0 15	13 14	10 42	9 26	9 33	13 36			n.a.
S 14	7 22	14 20	5 10	3 40	0n 1	11 17	2 9	18 27	1 9	20 7	0 34	15 3	0 59	24 44	0 42	22 45	0 15	13 14	10 42	9 26	9 32	13 35			n.a.
S 15	7 44	11 22	4 50	4 40	0 12	10 52	2 9	18 38	1 9	20 10	0 34	15 2	0 59	24 44	0 42	22 45	0 15	13 14	10 42	9 26	9 31	13 33			n.a.
M16	8 7	7 55	4 17	5 40	0 23	10 27	2 10	18 49	1 9	20 13	0 34	15 1	0 59	24 44	0 42	22 46	0 15	13 15	10 42	9 25	9 29	13 32			n.a.
T 17	8 29	4 6	3 32	6 40	0 33	10 1	2 10	19 0	1 9	20 16	0 34	14 59	0 59	24 44	0 42	22 46	0 15	13 15	10 41	9 25	9 28	13 30			n.a.
W18	8 51	0 3	2 37	7 39	0 42	9 34	2 11	19 11	1 9	20 19	0 34	14 58	0 59	24 44	0 42	22 46	0 15	13 15	10 41	9 25	9 27	13 29			n.a.
T 19	9 12	4n 4	1 34	8 37	0 51	9 8	2 11	19 21	1 9	20 22	0 34	14 57	0 59	24 44	0 42	22 46	0 15	13 16	10 41	9 25	9 26	13 27			n.a.
F 20	9 34	8 5	0 25	9 34	1 0	8 41	2 11	19 32	1 9	20 25	0 34	14 56	0 59	24 44	0 42	22 47	0 15	13 16	10 41	9 25	9 25	13 25			n.a.
S 21	9 56	11 49	0s47	10 30	1 8	8 14	2 11	19 42	1 10	20 28	0 34	14 55	0 59	24 44	0 42	22 47	0 15	13 16	10 40	9 25	9 23	13 24			n.a.
S 22	10 17	15 2	1 58	11 25	1 15	7 47	2 11	19 53	1 10	20 31	0 34	14 53	0 59	24 44	0 42	22 47	0 15	13 16	10 40	9 25	9 22	13 22			n.a.
M23	10 38	17 29	3 3	12 18	1 22	7 19	2 11	20 3	1 10	20 34	0 34	14 52	0 59	24 44	0 42	22 48	0 15	13 16	10 40	9 25	9 21	13 21			n.a.
T 24	11 0	18 59	3 59	13 10	1 28	6 52	2 10	20 13	1 10	20 37	0 34	14 51	0 59	24 44	0 42	22 48	0 15	13 17	10 39	9 25	9 20	13 19			n.a.
W25	11 21	19 22	4 42	14 0	1 34	6 24	2 10	20 23	1 10	20 40	0 34	14 49	0 59	24 43	0 42	22 48	0 15	13 17	10 39	9 25	9 18	13 18			n.a.
T 26	11 41	18 34	5 9	14 48	1 38	5 55	2 10	20 33	1 10	20 43	0 34	14 48	0 59	24 43	0 42	22 48	0 15	13 17	10 39	9 25	9 17	13 16			n.a.
F 27	12 2	16 37	5 17	15 34	1 43	5 27	2 9	20 43	1 10	20 46	0 34	14 47	0 59	24 43	0 42	22 49	0 15	13 17	10 38	9 24	9 16	13 14			n.a.
S 28	12 23	13 40	5 6	16 18	1 46	4 58	2 8	20 52	1 10	20 49	0 34	14 45	0 58	24 43	0 42	22 49	0 15	13 17	10 38	9 24	9 15	13 13			n.a.
S 29	12 43	9 53	4 36	17 0	1 49	4 30	2 8	21 2	1 10	20 52	0 35	14 44	0 58	24 43	0 42	22 49	0 15	13 18	10 38	9 25	9 14	13 11			n.a.
M30	13 3	5 32	3 49	17 40	1 51	4 1	2 7	21 11	1 11	20 55	0 35	14 43	0 58	24 43	0 42	22 49	0 15	13 18	10 37	9 25	9 12	13 10			n.a.
T 31	13n23	0n53	2s49	18n18	1n53	3s32	2s 6	21n20	1n11	20n58	0n35	14s41	0n58	24n43	0n42	22n50	0n15	13n18	10n37	9s25	9s11	13s 8			n.a.

Julian Day Number = 199911.5, Delta T = 32h12m10s
Ecliptic obliquity = 24°06'44, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'11, Lahiri = -61°11'10 Julian Calendar 1 May 4166 BCE == Greg. Calendar 29 March 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

JUNE 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 27 7	5♉28'20	5♎37	16♉ 0	27♓13	28♉17	28♉47	11°R 7	4♋58	10♊ 6	21°R 8	23♎38	22♎57	11♒36	n.a.	W 1
T 2	14 31 3	6°25'44	19°34	17°53	28°22	28°55	29° 0	11♏ 3	5° 1	10° 8	21♍ 7	23°R38	22°54	11°43	n.a.	T 2
F 3	14 35 0	7°23'09	3♏17	19°44	29°32	29°34	29°12	10°58	5° 3	10°10	21° 6	23°38	22°51	11°50	n.a.	F 3
S 4	14 38 56	8°20'35	16°46	21°35	0♈41	0♊12	29°25	10°54	5° 6	10°12	21° 5	23°37	22°48	11°57	n.a.	S 4
S 5	14 42 53	9°18'04	29°57	23°23	1°51	0°50	29°38	10°49	5° 8	10°14	21° 4	23°36	22°44	12° 3	n.a.	S 5
M 6	14 46 50	10°15'33	12♐50	25°10	3° 1	1°29	29°50	10°45	5°11	10°16	21° 3	23°33	22°41	12°10	n.a.	M 6
T 7	14 50 46	11°13'04	25°26	26°56	4°11	2° 7	0♊ 3	10°40	5°13	10°18	21° 2	23°31	22°38	12°17	n.a.	T 7
W 8	14 54 43	12°10'37	7♑47	28°40	5°21	2°46	0°16	10°36	5°16	10°20	21° 1	23°28	22°35	12°23	n.a.	W 8
T 9	14 58 39	13° 8'12	19°55	0♊22	6°32	3°24	0°29	10°31	5°18	10°22	21° 0	23°26	22°32	12°30	n.a.	T 9
F 10	15 2 36	14° 5'49	1♒53	2° 3	7°42	4° 3	0°42	10°27	5°21	10°24	20°59	23°25	22°29	12°37	n.a.	F 10
S 11	15 6 32	15° 3'27	13°47	3°42	8°52	4°41	0°55	10°22	5°24	10°26	20°59	23°D24	22°25	12°44	n.a.	S 11
S 12	15 10 29	16° 1'07	25°40	5°20	10° 3	5°20	1° 8	10°18	5°27	10°28	20°58	23°25	22°22	12°50	n.a.	S 12
M13	15 14 26	16°58'49	7♓37	6°57	11°14	5°59	1°21	10°13	5°29	10°30	20°57	23°26	22°19	12°57	n.a.	M13
T 14	15 18 22	17°56'33	19°44	8°32	12°24	6°37	1°34	10° 9	5°32	10°32	20°56	23°27	22°16	13° 4	n.a.	T 14
W15	15 22 19	18°54'18	2♈ 3	10° 5	13°35	7°16	1°47	10° 4	5°35	10°34	20°56	23°29	22°13	13°10	n.a.	W15
T 16	15 26 15	19°52'06	14°39	11°37	14°46	7°55	2° 0	10° 0	5°38	10°36	20°55	23°30	22° 9	13°17	n.a.	T 16
F 17	15 30 12	20°49'55	27°35	13° 8	15°57	8°34	2°13	9°55	5°41	10°39	20°55	23°R30	22° 6	13°24	n.a.	F 17
S 18	15 34 8	21°47'47	10♉51	14°37	17° 8	9°13	2°26	9°51	5°44	10°41	20°54	23°29	22° 3	13°31	n.a.	S 18
S 19	15 38 5	22°45'40	24°27	16° 4	18°19	9°51	2°39	9°47	5°47	10°43	20°54	23°27	22° 0	13°37	n.a.	S 19
M20	15 42 1	23°43'35	8♊21	17°30	19°31	10°30	2°52	9°42	5°50	10°45	20°53	23°23	21°57	13°44	n.a.	M20
T 21	15 45 58	24°41'32	22°30	18°54	20°42	11° 9	3° 5	9°38	5°53	10°47	20°53	23°19	21°54	13°51	n.a.	T 21
W22	15 49 55	25°39'31	6♋47	20°17	21°53	11°48	3°18	9°34	5°56	10°49	20°52	23°14	21°50	13°57	n.a.	W22
T 23	15 53 51	26°37'31	21°10	21°38	23° 5	12°27	3°31	9°29	5°59	10°52	20°52	23°10	21°47	14° 4	n.a.	T 23
F 24	15 57 48	27°35'33	5♌32	22°57	24°16	13° 6	3°44	9°25	6° 2	10°54	20°51	23° 6	21°44	14°11	n.a.	F 24
S 25	16 1 44	28°33'37	19°49	24°15	25°28	13°46	3°57	9°21	6° 6	10°56	20°51	23° 5	21°41	14°18	n.a.	S 25
S 26	16 5 41	29°31'42	4♍ 0	25°31	26°40	14°25	4°11	9°17	6° 9	10°58	20°51	23°D 5	21°38	14°24	n.a.	S 26
M27	16 9 37	0♊29'48	18° 2	26°45	27°52	15° 4	4°24	9°13	6°12	11° 0	20°50	23° 5	21°35	14°31	n.a.	M27
T 28	16 13 34	1°27'57	1♎53	27°57	29° 4	15°43	4°37	9° 9	6°15	11° 3	20°50	23° 7	21°31	14°38	n.a.	T 28
W29	16 17 30	2°26'07	15°35	29° 7	0♋16	16°22	4°50	9° 5	6°19	11° 5	20°50	23° 8	21°28	14°44	n.a.	W29
T 30	16 21 27	3♊24'19	29♎ 5	0♋15	1♉28	17♊ 2	5♊ 3	9♏ 1	6♋22	11♊ 7	20♍50	23°R 8	21♎25	14♒51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n43	3s47	1s38	18n54	1n54	3s 2	2s 5	21n29	1n11	21n 1	0n35	14s40	0n58	24n43	0n42	22n50	0n15	13n18	10n37	9s25	9s10	13s 6		n.a.
T 2	14 2	8 12	0 23	19 28	1 54	2 33	2 4	21 38	1 11	21 4	0 35	14 39	0 58	24 43	0 42	22 50	0 15	13 18	10 36	9 26	9 9	13 5		n.a.
F 3	14 22	12 8	0n53	20 0	1 54	2 4	2 3	21 47	1 11	21 7	0 35	14 37	0 58	24 42	0 42	22 51	0 15	13 18	10 36	9 26	9 8	13 3		n.a.
S 4	14 41	15 20	2 4	20 29	1 54	1 34	2 1	21 55	1 11	21 10	0 35	14 36	0 58	24 42	0 42	22 51	0 15	13 18	10 36	9 25	9 6	13 2		n.a.
S 5	15 0	17 39	3 7	20 57	1 53	1 4	2 0	22 3	1 11	21 12	0 35	14 35	0 58	24 42	0 42	22 51	0 15	13 18	10 35	9 25	9 5	13 0		n.a.
M 6	15 18	19 1	3 59	21 23	1 51	0 34	1 59	22 12	1 11	21 15	0 35	14 33	0 58	24 42	0 42	22 52	0 15	13 18	10 35	9 24	9 4	12 58		n.a.
T 7	15 37	19 24	4 38	21 47	1 49	0 5	1 57	22 20	1 11	21 18	0 35	14 32	0 58	24 42	0 42	22 52	0 15	13 18	10 35	9 23	9 3	12 57		n.a.
W 8	15 55	18 50	5 4	22 9	1 46	0n25	1 56	22 28	1 11	21 21	0 35	14 31	0 57	24 42	0 42	22 52	0 15	13 18	10 34	9 22	9 2	12 55		n.a.
T 9	16 13	17 24	5 15	22 28	1 43	0 55	1 54	22 35	1 11	21 24	0 35	14 29	0 57	24 42	0 42	22 53	0 15	13 18	10 34	9 21	9 0	12 54		n.a.
F 10	16 31	15 14	5 12	22 47	1 40	1 25	1 53	22 43	1 11	21 27	0 35	14 28	0 57	24 42	0 42	22 53	0 15	13 18	10 33	9 21	8 59	12 52		n.a.
S 11	16 48	12 27	4 56	23 3	1 36	1 55	1 51	22 51	1 12	21 30	0 36	14 26	0 57	24 41	0 42	22 53	0 15	13 18	10 33	9 20	8 58	12 50		n.a.
S 12	17 6	9 9	4 27	23 17	1 31	2 25	1 49	22 58	1 12	21 32	0 36	14 25	0 57	24 41	0 41	22 53	0 15	13 18	10 33	9 20	8 57	12 49		n.a.
M13	17 23	5 28	3 46	23 30	1 27	2 56	1 47	23 5	1 12	21 35	0 36	14 24	0 57	24 41	0 41	22 54	0 15	13 18	10 32	9 21	8 55	12 47		n.a.
T 14	17 39	1 30	2 55	23 41	1 21	3 26	1 45	23 12	1 12	21 38	0 36	14 22	0 57	24 41	0 41	22 54	0 15	13 18	10 32	9 21	8 54	12 46		n.a.
W15	17 56	2n35	1 55	23 50	1 16	3 56	1 43	23 19	1 12	21 41	0 36	14 21	0 57	24 41	0 41	22 54	0 15	13 18	10 31	9 22	8 53	12 44		n.a.
T 16	18 12	6 40	0 48	23 58	1 10	4 26	1 41	23 25	1 12	21 44	0 36	14 20	0 57	24 41	0 41	22 55	0 15	13 18	10 31	9 23	8 52	12 42		n.a.
F 17	18 28	10 33	0s22	24 4	1 4	4 56	1 39	23 32	1 12	21 46	0 36	14 18	0 57	24 41	0 41	22 55	0 15	13 18	10 31	9 23	8 51	12 41		n.a.
S 18	18 43	14 1	1 34	24 9	0 57	5 26	1 37	23 38	1 12	21 49	0 36	14 17	0 56	24 40	0 41	22 55	0 15	13 18	10 30	9 22	8 49	12 39		n.a.
S 19	18 59	16 49	2 41	24 12	0 51	5 55	1 35	23 44	1 12	21 52	0 36	14 16	0 56	24 40	0 41	22 56	0 15	13 17	10 30	9 21	8 48	12 37		n.a.
M20	19 14	18 41	3 41	24 14	0 43	6 25	1 33	23 50	1 12	21 55	0 36	14 15	0 56	24 40	0 41	22 56	0 15	13 17	10 29	9 20	8 47	12 36		n.a.
T 21	19 28	19 26	4 28	24 14	0 36	6 55	1 30	23 56	1 12	21 57	0 36	14 13	0 56	24 40	0 41	22 56	0 15	13 17	10 29	9 18	8 46	12 34		n.a.
W22	19 43	18 57	4 59	24 13	0 28	7 24	1 28	24 1	1 12	22 0	0 36	14 12	0 56	24 40	0 41	22 57	0 15	13 17	10 29	9 16	8 44	12 33		n.a.
T 23	19 57	17 16	5 12	24 11	0 20	7 54	1 26	24 7	1 12	22 3	0 37	14 11	0 56	24 40	0 41	22 57	0 15	13 17	10 28	9 15	8 43	12 31		n.a.
F 24	20 10	14 30	5 5	24 7	0 12	8 23	1 23	24 12	1 12	22 5	0 37	14 9	0 56	24 39	0 41	22 57	0 15	13 16	10 28	9 14	8 42	12 29		n.a.
S 25	20 24	10 53	4 39	24 3	0 4	8 52	1 21	24 17	1 12	22 8	0 37	14 8	0 56	24 39	0 41	22 58	0 15	13 16	10 27	9 13	8 41	12 28		n.a.
S 26	20 37	6 40	3 56	23 57	0s 5	9 21	1 18	24 22	1 12	22 11	0 37	14 7	0 55	24 39	0 41	22 58	0 15	13 16	10 27	9 13	8 40	12 26		n.a.
M27	20 49	2 7	2 59	23 51	0 14	9 50	1 16	24 26	1 12	22 13	0 37	14 6	0 55	24 39	0 41	22 58	0 15	13 16	10 26	9 13	8 38	12 24		n.a.
T 28	21 2	2s30	1 53	23 43	0 23	10 19	1 13	24 31	1 12	22 16	0 37	14 5	0 55	24 39	0 41	22 59	0 15	13 15	10 26	9 14	8 37	12 23		n.a.
W29	21 14	6 56	0 41	23 34	0 32	10 47	1 10	24 35	1 12	22 18	0 37	14 3	0 55	24 39	0 41	22 59	0 15	13 15	10 26	9 14	8 36	12 21		n.a.
T 30	21n25	10s57	0n32	23n25	0s42	11n15	1s 8	24n39	1n12	22n21	0n37	14s 2	0n55	24n38	0n41	22n59	0n15	13n15	10n25	9s14	8s35	12s20		n.a.

Julian Day Number = 199942.5, Delta T = 32h12m07s
Ecliptic obliquity = 24°06'44, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'06, Lahiri = -61°11'06 Julian Calendar 1 June 4166 BCE == Greg. Calendar 29 Apr. 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

JULY 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 25 24	4♊22'32	12♏24	1♋21	2♉40	17♊41	5♊16	8°R57	6♋25	11♊ 9	20°R49	23°R 6	21♎22	14♒58	n.a.	F 1
S 2	16 29 20	5°20'48	25°31	2°25	3°52	18°20	5°30	8♏53	6°29	11°11	20♍49	23♎ 3	21°19	15° 5	n.a.	S 2
S 3	16 33 17	6°19'06	8♐26	3°26	5° 4	19° 0	5°43	8°49	6°32	11°14	20°49	22°57	21°15	15°11	n.a.	S 3
M 4	16 37 13	7°17'26	21° 7	4°24	6°17	19°39	5°56	8°46	6°35	11°16	20°49	22°50	21°12	15°18	n.a.	M 4
T 5	16 41 10	8°15'48	3♑35	5°20	7°29	20°19	6° 9	8°42	6°39	11°18	20°D49	22°42	21° 9	15°25	n.a.	T 5
W 6	16 45 6	9°14'12	15°51	6°13	8°42	20°58	6°22	8°38	6°42	11°20	20°49	22°33	21° 6	15°31	n.a.	W 6
T 7	16 49 3	10°12'38	27°55	7° 3	9°54	21°38	6°36	8°35	6°46	11°23	20°49	22°26	21° 3	15°38	n.a.	T 7
F 8	16 52 59	11°11'07	9♒52	7°49	11° 7	22°18	6°49	8°32	6°49	11°25	20°49	22°19	21° 0	15°45	n.a.	F 8
S 9	16 56 56	12° 9'38	21°44	8°32	12°20	22°57	7° 2	8°28	6°53	11°27	20°49	22°15	20°56	15°52	n.a.	S 9
S 10	17 0 52	13° 8'12	3♓35	9°11	13°33	23°37	7°15	8°25	6°56	11°29	20°50	22°13	20°53	15°58	n.a.	S 10
M11	17 4 49	14° 6'48	15°31	9°45	14°46	24°17	7°28	8°22	7° 0	11°31	20°50	22°D12	20°50	16° 5	n.a.	M11
T 12	17 8 46	15° 5'26	27°35	10°16	15°59	24°56	7°41	8°18	7° 3	11°34	20°50	22°13	20°47	16°12	n.a.	T 12
W13	17 12 42	16° 4'07	9♈54	10°42	17°12	25°36	7°54	8°15	7° 7	11°36	20°50	22°14	20°44	16°18	n.a.	W13
T 14	17 16 39	17° 2'50	22°32	11° 2	18°25	26°16	8° 8	8°12	7°11	11°38	20°50	22°R14	20°41	16°25	n.a.	T 14
F 15	17 20 35	18° 1'36	5♉33	11°18	19°38	26°56	8°21	8° 9	7°14	11°40	20°51	22°13	20°37	16°32	n.a.	F 15
S 16	17 24 32	19° 0'24	19° 0	11°27	20°51	27°36	8°34	8° 6	7°18	11°43	20°51	22°11	20°34	16°39	n.a.	S 16
S 17	17 28 28	19°59'15	2♊52	11°R31	22° 5	28°16	8°47	8° 4	7°22	11°45	20°51	22° 5	20°31	16°45	n.a.	S 17
M18	17 32 25	20°58'08	17° 8	11°28	23°18	28°56	9° 0	8° 1	7°25	11°47	20°52	21°58	20°28	16°52	n.a.	M18
T 19	17 36 21	21°57'04	1♋42	11°18	24°31	29°36	9°13	7°58	7°29	11°49	20°52	21°48	20°25	16°59	n.a.	T 19
W20	17 40 18	22°56'01	16°28	11° 2	25°45	0♋16	9°26	7°56	7°33	11°52	20°53	21°39	20°21	17° 5	n.a.	W20
T 21	17 44 14	23°55'01	1♌16	10°38	26°59	0°56	9°39	7°53	7°36	11°54	20°53	21°30	20°18	17°12	n.a.	T 21
F 22	17 48 11	24°54'03	16° 0	10° 7	28°12	1°37	9°52	7°51	7°40	11°56	20°54	21°23	20°15	17°19	n.a.	F 22
S 23	17 52 8	25°53'06	0♍32	9°29	29°26	2°17	10° 5	7°49	7°44	11°58	20°54	21°18	20°12	17°26	n.a.	S 23
S 24	17 56 4	26°52'12	14°49	8°44	0♊40	2°57	10°18	7°47	7°48	12° 0	20°55	21°15	20° 9	17°32	n.a.	S 24
M25	18 0 1	27°51'20	28°48	7°52	1°54	3°38	10°31	7°44	7°51	12° 2	20°56	21°D15	20° 6	17°39	n.a.	M25
T 26	18 3 57	28°50'29	12♎29	6°55	3° 7	4°18	10°44	7°42	7°55	12° 5	20°56	21°15	20° 2	17°46	n.a.	T 26
W27	18 7 54	29°49'41	25°54	5°53	4°21	4°58	10°56	7°41	7°59	12° 7	20°57	21°R15	19°59	17°52	n.a.	W27
T 28	18 11 50	0♋48'55	9♏ 5	4°47	5°35	5°39	11° 9	7°39	8° 3	12° 9	20°58	21°14	19°56	17°59	n.a.	T 28
F 29	18 15 47	1°48'10	22° 3	3°40	6°49	6°19	11°22	7°37	8° 6	12°11	20°58	21°10	19°53	18° 6	n.a.	F 29
S 30	18 19 43	2°47'28	4♐49	2°31	8° 4	7° 0	11°35	7°35	8°10	12°13	20°59	21° 4	19°50	18°12	n.a.	S 30
S 31	18 23 40	3♋46'48	17♐25	1♋24	9♊18	7♋40	11♊47	7♏34	8♋14	12♊15	21♍ 0	20♎54	19♎47	18♒19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n37	14s22	1n43	23n15	0s51	11n43	1s 5	24n43	1n12	22n24	0n37	14s 1	0n55	24n38	0n41	23n 0	0n15	13n14	10n25	9s14	8s34	12s18		n.a.
S 2	21 48	16 59	2 46	23 4	1 1	12 11	1 2	24 47	1 12	22 26	0 37	14 0	0 55	24 38	0 41	23 0	0 15	13 14	10 24	9 12	8 32	12 16		n.a.
S 3	21 58	18 42	3 40	22 53	1 11	12 39	1 0	24 50	1 12	22 29	0 38	13 59	0 54	24 38	0 41	23 0	0 15	13 14	10 24	9 10	8 31	12 15		n.a.
M 4	22 8	19 27	4 22	22 41	1 21	13 6	0 57	24 53	1 12	22 31	0 38	13 58	0 54	24 38	0 41	23 1	0 15	13 13	10 23	9 7	8 30	12 13		n.a.
T 5	22 18	19 13	4 51	22 29	1 31	13 33	0 54	24 57	1 12	22 34	0 38	13 57	0 54	24 37	0 41	23 1	0 15	13 13	10 23	9 4	8 29	12 11		n.a.
W 6	22 27	18 5	5 6	22 17	1 41	13 59	0 51	24 59	1 12	22 36	0 38	13 56	0 54	24 37	0 41	23 1	0 15	13 13	10 23	9 1	8 27	12 10		n.a.
T 7	22 36	16 10	5 6	22 4	1 51	14 26	0 49	25 2	1 12	22 38	0 38	13 55	0 54	24 37	0 41	23 2	0 15	13 12	10 22	8 58	8 26	12 8		n.a.
F 8	22 45	13 34	4 53	21 51	2 1	14 52	0 46	25 5	1 12	22 41	0 38	13 54	0 54	24 37	0 41	23 2	0 15	13 12	10 22	8 56	8 25	12 6		n.a.
S 9	22 53	10 26	4 28	21 38	2 12	15 17	0 43	25 7	1 12	22 43	0 38	13 53	0 54	24 37	0 41	23 2	0 15	13 11	10 21	8 54	8 24	12 5		n.a.
S 10	23 1	6 53	3 51	21 26	2 22	15 43	0 40	25 9	1 12	22 46	0 38	13 52	0 53	24 36	0 41	23 3	0 15	13 11	10 21	8 53	8 22	12 3		n.a.
M11	23 8	3 3	3 4	21 13	2 32	16 8	0 37	25 11	1 12	22 48	0 38	13 51	0 53	24 36	0 41	23 3	0 15	13 10	10 20	8 53	8 21	12 1		n.a.
T 12	23 15	0n58	2 9	21 1	2 42	16 32	0 34	25 12	1 12	22 50	0 39	13 50	0 53	24 36	0 41	23 3	0 15	13 10	10 20	8 53	8 20	12 0		n.a.
W13	23 21	5 2	1 6	20 49	2 51	16 56	0 31	25 14	1 12	22 53	0 39	13 49	0 53	24 36	0 41	23 4	0 15	13 9	10 20	8 53	8 19	11 58		n.a.
T 14	23 27	8 59	0s 2	20 38	3 1	17 20	0 29	25 15	1 12	22 55	0 39	13 48	0 53	24 36	0 41	23 4	0 15	13 9	10 19	8 54	8 18	11 56		n.a.
F 15	23 33	12 38	1 11	20 28	3 10	17 43	0 26	25 16	1 12	22 57	0 39	13 47	0 53	24 35	0 41	23 4	0 15	13 8	10 19	8 53	8 16	11 55		n.a.
S 16	23 38	15 45	2 18	20 19	3 18	18 6	0 23	25 17	1 11	22 59	0 39	13 47	0 53	24 35	0 41	23 5	0 15	13 8	10 18	8 52	8 15	11 53		n.a.
S 17	23 43	18 3	3 20	20 10	3 26	18 29	0 20	25 17	1 11	23 2	0 39	13 46	0 52	24 35	0 41	23 5	0 15	13 7	10 18	8 50	8 14	11 52		n.a.
M18	23 47	19 19	4 10	20 4	3 33	18 51	0 17	25 18	1 11	23 4	0 39	13 45	0 52	24 35	0 41	23 5	0 15	13 7	10 17	8 47	8 13	11 50		n.a.
T 19	23 51	19 20	4 46	19 58	3 40	19 12	0 14	25 18	1 11	23 6	0 39	13 44	0 52	24 35	0 41	23 6	0 15	13 6	10 17	8 44	8 11	11 48		n.a.
W20	23 55	18 4	5 3	19 54	3 45	19 33	0 11	25 18	1 11	23 8	0 40	13 44	0 52	24 34	0 41	23 6	0 15	13 6	10 16	8 40	8 10	11 47		n.a.
T 21	23 58	15 34	5 0	19 52	3 50	19 53	0 9	25 18	1 11	23 10	0 40	13 43	0 52	24 34	0 41	23 6	0 15	13 5	10 16	8 37	8 9	11 45		n.a.
F 22	24 0	12 6	4 37	19 51	3 53	20 13	0 6	25 17	1 11	23 13	0 40	13 42	0 52	24 34	0 41	23 7	0 15	13 4	10 16	8 34	8 8	11 43		n.a.
S 23	24 3	7 55	3 56	19 52	3 54	20 33	0 3	25 16	1 11	23 15	0 40	13 42	0 51	24 34	0 41	23 7	0 15	13 4	10 15	8 32	8 7	11 42		n.a.
S 24	24 4	3 22	3 1	19 56	3 54	20 52	0 0	25 16	1 11	23 17	0 40	13 41	0 51	24 33	0 41	23 7	0 16	13 3	10 15	8 31	8 5	11 40		n.a.
M25	24 5	1s17	1 57	20 1	3 52	21 10	0n 3	25 14	1 11	23 19	0 40	13 41	0 51	24 33	0 41	23 7	0 16	13 2	10 14	8 31	8 4	11 38		n.a.
T 26	24 6	5 47	0 47	20 8	3 48	21 28	0 5	25 13	1 11	23 21	0 40	13 40	0 51	24 33	0 41	23 8	0 16	13 2	10 14	8 31	8 3	11 37		n.a.
W27	24 7	9 54	0n25	20 17	3 42	21 45	0 8	25 11	1 11	23 23	0 40	13 40	0 51	24 33	0 41	23 8	0 16	13 1	10 13	8 31	8 2	11 35		n.a.
T 28	24 6	13 27	1 33	20 28	3 34	22 1	0 11	25 10	1 11	23 25	0 41	13 39	0 51	24 33	0 41	23 8	0 16	13 0	10 13	8 31	8 0	11 33		n.a.
F 29	24 6	16 17	2 36	20 40	3 24	22 17	0 14	25 8	1 10	23 27	0 41	13 39	0 50	24 32	0 41	23 9	0 16	13 0	10 13	8 29	7 59	11 31		n.a.
S 30	24 5	18 16	3 29	20 54	3 11	22 32	0 16	25 5	1 10	23 29	0 41	13 38	0 50	24 32	0 41	23 9	0 16	12 59	10 12	8 27	7 58	11 30		n.a.
S 31	24n 3	19s19	4n12	21n 9	2s57	22n47	0n19	25n 3	1n10	23n31	0n41	13s38	0n50	24n32	0n41	23n 9	0n16	12n58	10n12	8s23	7s57	11s28		n.a.

Julian Day Number = 199972.5, Delta T = 32h12m04s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°18'02, Lahiri = -61°11'02 Julian Calendar 1 July 4166 BCE == Greg. Calendar 29 May 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

AUGUST 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 27 36	4♋46'11	29♐51	0°R20	10♊32	8♋21	12♊ 0	7°R32	8♋18	12♊17	21♍ 1	20°R43	19♎43	18♒26	n.a.	M 1
T 2	18 31 33	5°45'35	12♑ 7	29♊21	11°46	9° 2	12°13	7♏31	8°22	12°20	21° 2	20♎29	19°40	18°33	n.a.	T 2
W 3	18 35 29	6°45'02	24°15	28°28	13° 1	9°42	12°25	7°30	8°25	12°22	21° 3	20°16	19°37	18°39	n.a.	W 3
T 4	18 39 26	7°44'31	6♒15	27°44	14°15	10°23	12°38	7°29	8°29	12°24	21° 4	20° 3	19°34	18°46	n.a.	T 4
F 5	18 43 22	8°44'03	18° 8	27° 8	15°29	11° 4	12°50	7°28	8°33	12°26	21° 5	19°52	19°31	18°53	n.a.	F 5
S 6	18 47 19	9°43'37	29°58	26°42	16°44	11°45	13° 3	7°27	8°37	12°28	21° 6	19°43	19°27	18°59	n.a.	S 6
S 7	18 51 16	10°43'13	11♓47	26°27	17°58	12°26	13°15	7°26	8°41	12°30	21° 7	19°37	19°24	19° 6	n.a.	S 7
M 8	18 55 12	11°42'52	23°40	26°D23	19°13	13° 7	13°28	7°25	8°44	12°32	21° 8	19°34	19°21	19°13	n.a.	M 8
T 9	18 59 9	12°42'34	5♈42	26°29	20°28	13°48	13°40	7°25	8°48	12°34	21° 9	19°33	19°18	19°20	n.a.	T 9
W10	19 3 5	13°42'18	17°57	26°46	21°42	14°29	13°52	7°24	8°52	12°36	21°10	19°33	19°15	19°26	n.a.	W10
T 11	19 7 2	14°42'04	0♉31	27°14	22°57	15°10	14° 5	7°24	8°56	12°38	21°11	19°33	19°12	19°33	n.a.	T 11
F 12	19 10 58	15°41'53	13°29	27°50	24°12	15°51	14°17	7°23	9° 0	12°40	21°12	19°31	19° 8	19°40	n.a.	F 12
S 13	19 14 55	16°41'45	26°55	28°36	25°27	16°32	14°29	7°23	9° 3	12°42	21°14	19°28	19° 5	19°46	n.a.	S 13
S 14	19 18 51	17°41'39	10♊51	29°30	26°42	17°13	14°41	7°23	9° 7	12°44	21°15	19°21	19° 2	19°53	n.a.	S 14
M15	19 22 48	18°41'35	25°16	0♋31	27°57	17°55	14°53	7°D23	9°11	12°45	21°16	19°12	18°59	20° 0	n.a.	M15
T 16	19 26 44	19°41'34	10♋ 4	1°38	29°12	18°36	15° 5	7°23	9°15	12°47	21°18	19° 1	18°56	20° 6	n.a.	T 16
W17	19 30 41	20°41'35	25° 9	2°51	0♋27	19°17	15°17	7°23	9°18	12°49	21°19	18°49	18°53	20°13	n.a.	W17
T 18	19 34 37	21°41'38	10♌21	4° 9	1°42	19°59	15°29	7°23	9°22	12°51	21°20	18°38	18°49	20°20	n.a.	T 18
F 19	19 38 34	22°41'43	25°27	5°32	2°57	20°40	15°41	7°24	9°26	12°53	21°22	18°29	18°46	20°27	n.a.	F 19
S 20	19 42 30	23°41'51	10♍20	6°58	4°12	21°22	15°52	7°24	9°30	12°55	21°23	18°22	18°43	20°33	n.a.	S 20
S 21	19 46 27	24°41'59	24°51	8°27	5°27	22° 3	16° 4	7°25	9°33	12°56	21°25	18°18	18°40	20°40	n.a.	S 21
M22	19 50 23	25°42'10	8♎59	9°58	6°42	22°45	16°16	7°26	9°37	12°58	21°26	18°17	18°37	20°47	n.a.	M22
T 23	19 54 20	26°42'23	22°43	11°32	7°57	23°26	16°27	7°26	9°41	13° 0	21°28	18°17	18°33	20°53	n.a.	T 23
W24	19 58 17	27°42'37	6♏ 4	13° 7	9°13	24° 8	16°39	7°27	9°44	13° 2	21°29	18°17	18°30	21° 0	n.a.	W24
T 25	20 2 13	28°42'53	19° 6	14°44	10°28	24°50	16°50	7°28	9°48	13° 3	21°31	18°15	18°27	21° 7	n.a.	T 25
F 26	20 6 10	29°43'11	1♐51	16°22	11°43	25°32	17° 1	7°30	9°52	13° 5	21°32	18°11	18°24	21°14	n.a.	F 26
S 27	20 10 6	0♌43'31	14°23	18° 0	12°59	26°13	17°12	7°31	9°55	13° 7	21°34	18° 5	18°21	21°20	n.a.	S 27
S 28	20 14 3	1°43'52	26°44	19°40	14°14	26°55	17°24	7°32	9°59	13° 8	21°36	17°55	18°18	21°27	n.a.	S 28
M29	20 17 59	2°44'15	8♑56	21°19	15°29	27°37	17°35	7°34	10° 3	13°10	21°37	17°43	18°14	21°34	n.a.	M29
T 30	20 21 56	3°44'41	21° 1	22°59	16°45	28°19	17°46	7°35	10° 6	13°12	21°39	17°30	18°11	21°40	n.a.	T 30
W31	20 25 52	4♌45'08	3♒ 0	24♋39	18♋ 0	29♋ 1	17♊57	7♏37	10♋10	13♊13	21♍41	17♎16	18♎ 8	21♒47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	24n 1	19s25	4n41	21n25	2s42	23n 0	0n21	25n 0	1n10	23n33	0n41	13s38	0n50	24n32	0n41	23n10	0n16	12n58	10n11	8s18		7s55		11s26			n.a.
T 2	23 59	18 36	4 58	21 42	2 25	23 14	0 24	24 57	1 10	23 34	0 41	13 37	0 50	24 31	0 41	23 10	0 16	12 57	10 11	8 13		7 54		11 25			n.a.
W 3	23 56	16 57	5 0	22 0	2 7	23 26	0 27	24 54	1 10	23 36	0 41	13 37	0 50	24 31	0 41	23 10	0 16	12 56	10 11	8 8		7 53		11 23			n.a.
T 4	23 53	14 35	4 49	22 18	1 48	23 38	0 29	24 51	1 10	23 38	0 42	13 37	0 49	24 31	0 41	23 11	0 16	12 55	10 10	8 3		7 52		11 21			n.a.
F 5	23 49	11 37	4 25	22 36	1 29	23 49	0 32	24 47	1 10	23 40	0 42	13 37	0 49	24 31	0 41	23 11	0 16	12 54	10 10	7 59		7 51		11 20			n.a.
S 6	23 44	8 13	3 51	22 55	1 9	24 0	0 34	24 44	1 9	23 42	0 42	13 37	0 49	24 30	0 41	23 11	0 16	12 54	10 9	7 55		7 49		11 18			n.a.
S 7	23 40	4 29	3 6	23 13	0 50	24 9	0 36	24 40	1 9	23 43	0 42	13 37	0 49	24 30	0 41	23 11	0 16	12 53	10 9	7 53		7 48		11 16			n.a.
M 8	23 35	0 34	2 12	23 32	0 32	24 18	0 39	24 35	1 9	23 45	0 42	13 36	0 49	24 30	0 41	23 12	0 16	12 52	10 8	7 52		7 47		11 15			n.a.
T 9	23 29	3n26	1 13	23 50	0 14	24 26	0 41	24 31	1 9	23 47	0 42	13 36	0 49	24 30	0 41	23 12	0 16	12 51	10 8	7 52		7 46		11 13			n.a.
W10	23 23	7 22	0 9	24 7	0n 3	24 34	0 43	24 26	1 9	23 49	0 43	13 36	0 48	24 29	0 41	23 12	0 16	12 50	10 8	7 51		7 44		11 11			n.a.
T 11	23 16	11 4	0s58	24 23	0 18	24 41	0 46	24 22	1 9	23 50	0 43	13 36	0 48	24 29	0 41	23 13	0 16	12 50	10 7	7 51		7 43		11 10			n.a.
F 12	23 9	14 23	2 3	24 38	0 33	24 46	0 48	24 16	1 9	23 52	0 43	13 36	0 48	24 29	0 41	23 13	0 16	12 49	10 7	7 51		7 42		11 8			n.a.
S 13	23 2	17 2	3 4	24 52	0 46	24 52	0 50	24 11	1 8	23 54	0 43	13 37	0 48	24 29	0 41	23 13	0 16	12 48	10 6	7 49		7 41		11 6			n.a.
S 14	22 54	18 48	3 56	25 5	0 58	24 56	0 52	24 6	1 8	23 55	0 43	13 37	0 48	24 28	0 41	23 13	0 16	12 47	10 6	7 47		7 39		11 4			n.a.
M15	22 46	19 27	4 35	25 16	1 9	25 0	0 54	24 0	1 8	23 57	0 43	13 37	0 48	24 28	0 41	23 14	0 16	12 46	10 6	7 43		7 38		11 3			n.a.
T 16	22 37	18 47	4 57	25 25	1 19	25 2	0 56	23 54	1 8	23 58	0 43	13 37	0 47	24 28	0 41	23 14	0 16	12 45	10 5	7 39		7 37		11 1			n.a.
W17	22 28	16 49	4 59	25 32	1 27	25 4	0 58	23 48	1 8	24 0	0 44	13 37	0 47	24 28	0 41	23 14	0 16	12 44	10 5	7 34		7 36		10 59			n.a.
T 18	22 18	13 40	4 39	25 37	1 35	25 6	1 0	23 41	1 7	24 1	0 44	13 37	0 47	24 27	0 41	23 14	0 16	12 43	10 5	7 30		7 34		10 58			n.a.
F 19	22 8	9 38	4 1	25 41	1 41	25 6	1 2	23 35	1 7	24 3	0 44	13 38	0 47	24 27	0 41	23 15	0 16	12 43	10 4	7 26		7 33		10 56			n.a.
S 20	21 58	5 3	3 6	25 42	1 46	25 6	1 3	23 28	1 7	24 4	0 44	13 38	0 47	24 27	0 41	23 15	0 16	12 42	10 4	7 24		7 32		10 54			n.a.
S 21	21 47	0 16	2 1	25 40	1 51	25 5	1 5	23 21	1 7	24 6	0 44	13 38	0 47	24 27	0 41	23 15	0 16	12 41	10 3	7 22		7 31		10 53			n.a.
M22	21 36	4s24	0 49	25 37	1 54	25 3	1 7	23 14	1 7	24 7	0 45	13 39	0 46	24 26	0 41	23 15	0 16	12 40	10 3	7 22		7 29		10 51			n.a.
T 23	21 24	8 43	0n24	25 32	1 56	25 0	1 8	23 6	1 6	24 8	0 45	13 39	0 46	24 26	0 41	23 16	0 16	12 39	10 3	7 22		7 28		10 49			n.a.
W24	21 12	12 28	1 33	25 24	1 58	24 56	1 10	22 59	1 6	24 10	0 45	13 40	0 46	24 26	0 41	23 16	0 16	12 38	10 2	7 22		7 27		10 47			n.a.
T 25	21 0	15 30	2 35	25 14	1 59	24 52	1 11	22 51	1 6	24 11	0 45	13 40	0 46	24 25	0 41	23 16	0 16	12 37	10 2	7 21		7 26		10 46			n.a.
F 26	20 47	17 42	3 29	25 3	1 59	24 47	1 13	22 43	1 6	24 13	0 45	13 41	0 46	24 25	0 41	23 16	0 16	12 36	10 2	7 20		7 24		10 44			n.a.
S 27	20 33	19 1	4 11	24 49	1 59	24 41	1 14	22 34	1 6	24 14	0 45	13 41	0 46	24 25	0 41	23 17	0 16	12 35	10 1	7 17		7 23		10 42			n.a.
S 28	20 20	19 23	4 41	24 34	1 58	24 34	1 15	22 26	1 5	24 15	0 46	13 42	0 45	24 25	0 41	23 17	0 16	12 34	10 1	7 13		7 22		10 41			n.a.
M29	20 6	18 51	4 57	24 17	1 56	24 27	1 17	22 17	1 5	24 16	0 46	13 43	0 45	24 24	0 41	23 17	0 16	12 33	10 1	7 9		7 21		10 39			n.a.
T 30	19 51	17 28	5 0	23 58	1 54	24 19	1 18	22 8	1 5	24 18	0 46	13 43	0 45	24 24	0 41	23 17	0 16	12 32	10 0	7 3		7 20		10 37			n.a.
W31	19n37	15s20	4n50	23n38	1n52	24n10	1n19	21n59	1n 5	24n19	0n46	13s44	0n45	24n24	0n41	23n18	0n16	12n31	10n 0	6s58		7s18		10s35			n.a.

Julian Day Number = 200003.5, Delta T = 32h12m01s
Ecliptic obliquity = 24°06'42, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'58, Lahiri = -61°10'58 Julian Calendar 1 Aug. 4166 BCE == Greg. Calendar 29 June 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

SEPTEMBER 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 29 49	5♌45'36	14♒55	26♋19	19♋16	29♋43	18♊ 7	7♏39	10♋13	13♊15	21♍42	17°R 2	18♎ 5	21♒54	n.a.	T 1
F 2	20 33 45	6°46'07	26°46	27°59	20°31	0♌25	18°18	7°40	10°17	13°16	21°44	16♎51	18° 2	22° 0	n.a.	F 2
S 3	20 37 42	7°46'40	8♓36	29°38	21°47	1° 7	18°29	7°42	10°20	13°18	21°46	16°42	17°58	22° 7	n.a.	S 3
S 4	20 41 38	8°47'14	20°26	1♌18	23° 2	1°49	18°39	7°44	10°24	13°19	21°48	16°36	17°55	22°14	n.a.	S 4
M 5	20 45 35	9°47'51	2♈19	2°57	24°18	2°31	18°50	7°46	10°27	13°21	21°49	16°33	17°52	22°21	n.a.	M 5
T 6	20 49 32	10°48'30	14°21	4°36	25°34	3°14	19° 0	7°49	10°31	13°22	21°51	16°D32	17°49	22°27	n.a.	T 6
W 7	20 53 28	11°49'10	26°34	6°15	26°49	3°56	19°11	7°51	10°34	13°23	21°53	16°32	17°46	22°34	n.a.	W 7
T 8	20 57 25	12°49'53	9♉ 4	7°53	28° 5	4°38	19°21	7°54	10°37	13°25	21°55	16°R32	17°43	22°41	n.a.	T 8
F 9	21 1 21	13°50'38	21°56	9°31	29°20	5°21	19°31	7°56	10°41	13°26	21°57	16°32	17°39	22°47	n.a.	F 9
S 10	21 5 18	14°51'24	5♊15	11° 9	0♌36	6° 3	19°41	7°59	10°44	13°27	21°59	16°30	17°36	22°54	n.a.	S 10
S 11	21 9 14	15°52'13	19° 3	12°46	1°52	6°46	19°51	8° 1	10°47	13°29	22° 1	16°26	17°33	23° 1	n.a.	S 11
M12	21 13 11	16°53'03	3♋20	14°24	3° 8	7°28	20° 1	8° 4	10°51	13°30	22° 3	16°19	17°30	23° 7	n.a.	M12
T 13	21 17 7	17°53'56	18° 6	16° 0	4°23	8°11	20°10	8° 7	10°54	13°31	22° 5	16°11	17°27	23°14	n.a.	T 13
W14	21 21 4	18°54'50	3♌12	17°37	5°39	8°53	20°20	8°10	10°57	13°32	22° 7	16° 2	17°24	23°21	n.a.	W14
T 15	21 25 0	19°55'46	18°30	19°13	6°55	9°36	20°29	8°13	11° 0	13°33	22° 9	15°53	17°20	23°28	n.a.	T 15
F 16	21 28 57	20°56'43	3♍49	20°49	8°10	10°19	20°39	8°17	11° 3	13°34	22°11	15°45	17°17	23°34	n.a.	F 16
S 17	21 32 54	21°57'41	18°57	22°25	9°26	11° 2	20°48	8°20	11° 7	13°35	22°13	15°40	17°14	23°41	n.a.	S 17
S 18	21 36 50	22°58'41	3♎46	24° 0	10°42	11°44	20°57	8°23	11°10	13°37	22°15	15°37	17°11	23°48	n.a.	S 18
M19	21 40 47	23°59'42	18° 9	25°35	11°58	12°27	21° 6	8°27	11°13	13°38	22°17	15°D37	17° 8	23°54	n.a.	M19
T 20	21 44 43	25° 0'44	2♏ 4	27°10	13°14	13°10	21°15	8°30	11°16	13°39	22°19	15°37	17° 4	24° 1	n.a.	T 20
W21	21 48 40	26° 1'47	15°33	28°45	14°29	13°53	21°24	8°34	11°19	13°39	22°21	15°39	17° 1	24° 8	n.a.	W21
T 22	21 52 36	27° 2'51	28°37	0♍20	15°45	14°36	21°33	8°38	11°22	13°40	22°23	15°R39	16°58	24°14	n.a.	T 22
F 23	21 56 33	28° 3'56	11♐20	1°54	17° 1	15°19	21°41	8°42	11°25	13°41	22°25	15°38	16°55	24°21	n.a.	F 23
S 24	22 0 29	29° 5'02	23°46	3°28	18°17	16° 2	21°50	8°46	11°27	13°42	22°28	15°35	16°52	24°28	n.a.	S 24
S 25	22 4 26	0♍ 6'09	5♑59	5° 2	19°33	16°45	21°58	8°50	11°30	13°43	22°30	15°30	16°49	24°35	n.a.	S 25
M26	22 8 22	1° 7'17	18° 2	6°36	20°48	17°28	22° 6	8°54	11°33	13°44	22°32	15°23	16°45	24°41	n.a.	M26
T 27	22 12 19	2° 8'25	29°59	8°10	22° 4	18°12	22°14	8°58	11°36	13°45	22°34	15°14	16°42	24°48	n.a.	T 27
W28	22 16 16	3° 9'35	11♒53	9°44	23°20	18°55	22°22	9° 2	11°39	13°45	22°36	15° 6	16°39	24°55	n.a.	W28
T 29	22 20 12	4°10'46	23°44	11°18	24°36	19°38	22°30	9° 6	11°41	13°46	22°39	14°57	16°36	25° 1	n.a.	T 29
F 30	22 24 9	5♍11'57	5♓35	12♍51	25♌52	20♌21	22♊37	9♏11	11♋44	13♊47	22♍41	14♎50	16♎33	25♒ 8	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n21	12s34	4n27	23n16	1n49	24n 0	1n20	21n50	1n 4	24n20	0n46	13s45	0n45	24n24	0n41	23n18	0n16	12n30	10n 0	6s53	7s17	10s34		n.a.
F 2	19 6	9 19	3 52	22 52	1 45	23 49	1 21	21 40	1 4	24 21	0 47	13 45	0 45	24 23	0 41	23 18	0 16	12 29	9 59	6 48	7 16	10 32		n.a.
S 3	18 50	5 42	3 7	22 27	1 42	23 38	1 22	21 31	1 4	24 22	0 47	13 46	0 44	24 23	0 42	23 18	0 16	12 28	9 59	6 45	7 15	10 30		n.a.
S 4	18 34	1 51	2 14	22 1	1 38	23 26	1 22	21 21	1 4	24 24	0 47	13 47	0 44	24 23	0 42	23 18	0 16	12 27	9 59	6 42	7 13	10 29		n.a.
M 5	18 17	2n 5	1 15	21 34	1 34	23 13	1 23	21 11	1 3	24 25	0 47	13 48	0 44	24 23	0 42	23 19	0 16	12 26	9 58	6 41	7 12	10 27		n.a.
T 6	18 1	5 59	0 12	21 5	1 29	23 0	1 24	21 0	1 3	24 26	0 47	13 49	0 44	24 22	0 42	23 19	0 16	12 25	9 58	6 40	7 11	10 25		n.a.
W 7	17 43	9 42	0s53	20 36	1 24	22 46	1 25	20 50	1 3	24 27	0 48	13 50	0 44	24 22	0 42	23 19	0 16	12 24	9 58	6 40	7 10	10 23		n.a.
T 8	17 26	13 4	1 57	20 5	1 19	22 31	1 25	20 39	1 3	24 28	0 48	13 51	0 44	24 22	0 42	23 19	0 16	12 23	9 57	6 41	7 8	10 22		n.a.
F 9	17 8	15 55	2 58	19 34	1 14	22 15	1 26	20 28	1 2	24 29	0 48	13 52	0 43	24 22	0 42	23 19	0 16	12 22	9 57	6 41	7 7	10 20		n.a.
S 10	16 50	18 0	3 50	19 1	1 9	21 59	1 26	20 17	1 2	24 30	0 48	13 53	0 43	24 21	0 42	23 20	0 16	12 21	9 57	6 40	7 6	10 18		n.a.
S 11	16 31	19 8	4 31	18 28	1 3	21 42	1 26	20 6	1 2	24 31	0 48	13 54	0 43	24 21	0 42	23 20	0 16	12 20	9 57	6 38	7 5	10 16		n.a.
M12	16 13	19 7	4 57	17 53	0 58	21 25	1 27	19 54	1 1	24 32	0 49	13 55	0 43	24 21	0 42	23 20	0 16	12 19	9 56	6 36	7 3	10 15		n.a.
T 13	15 54	17 49	5 5	17 18	0 52	21 6	1 27	19 43	1 1	24 33	0 49	13 56	0 43	24 21	0 42	23 20	0 17	12 18	9 56	6 32	7 2	10 13		n.a.
W14	15 34	15 16	4 52	16 43	0 46	20 48	1 27	19 31	1 1	24 34	0 49	13 57	0 43	24 20	0 42	23 20	0 17	12 16	9 56	6 29	7 1	10 11		n.a.
T 15	15 15	11 38	4 18	16 6	0 40	20 28	1 27	19 19	1 1	24 35	0 49	13 58	0 42	24 20	0 42	23 20	0 17	12 15	9 55	6 25	7 0	10 10		n.a.
F 16	14 55	7 13	3 25	15 30	0 34	20 8	1 27	19 7	1 0	24 36	0 50	14 0	0 42	24 20	0 42	23 21	0 17	12 14	9 55	6 22	6 58	10 8		n.a.
S 17	14 35	2 23	2 18	14 52	0 28	19 47	1 27	18 54	1 0	24 37	0 50	14 1	0 42	24 20	0 42	23 21	0 17	12 13	9 55	6 20	6 57	10 6		n.a.
S 18	14 14	2s30	1 3	14 14	0 22	19 26	1 27	18 42	1 0	24 38	0 50	14 2	0 42	24 19	0 42	23 21	0 17	12 12	9 55	6 19	6 56	10 4		n.a.
M19	13 54	7 6	0n14	13 35	0 15	19 4	1 27	18 29	0 59	24 38	0 50	14 3	0 42	24 19	0 42	23 21	0 17	12 11	9 54	6 19	6 55	10 3		n.a.
T 20	13 33	11 10	1 28	12 56	0 9	18 42	1 27	18 16	0 59	24 39	0 51	14 5	0 42	24 19	0 42	23 21	0 17	12 10	9 54	6 19	6 53	10 1		n.a.
W21	13 12	14 30	2 34	12 17	0 3	18 19	1 26	18 3	0 59	24 40	0 51	14 6	0 42	24 19	0 42	23 21	0 17	12 9	9 54	6 19	6 52	9 59		n.a.
T 22	12 50	16 59	3 31	11 37	0s 4	17 56	1 26	17 50	0 58	24 41	0 51	14 7	0 41	24 19	0 42	23 22	0 17	12 8	9 54	6 20	6 51	9 57		n.a.
F 23	12 29	18 33	4 15	10 56	0 10	17 32	1 26	17 37	0 58	24 42	0 51	14 9	0 41	24 18	0 42	23 22	0 17	12 7	9 53	6 19	6 50	9 56		n.a.
S 24	12 7	19 11	4 47	10 16	0 16	17 7	1 25	17 23	0 58	24 42	0 51	14 10	0 41	24 18	0 42	23 22	0 17	12 6	9 53	6 18	6 48	9 54		n.a.
S 25	11 45	18 54	5 4	9 35	0 23	16 42	1 24	17 10	0 57	24 43	0 52	14 12	0 41	24 18	0 42	23 22	0 17	12 5	9 53	6 16	6 47	9 52		n.a.
M26	11 23	17 46	5 8	8 53	0 29	16 17	1 24	16 56	0 57	24 44	0 52	14 13	0 41	24 18	0 42	23 22	0 17	12 4	9 53	6 13	6 46	9 50		n.a.
T 27	11 0	15 52	4 59	8 12	0 35	15 51	1 23	16 42	0 57	24 45	0 52	14 15	0 41	24 17	0 42	23 22	0 17	12 2	9 53	6 10	6 45	9 49		n.a.
W28	10 38	13 18	4 36	7 30	0 41	15 25	1 22	16 28	0 56	24 45	0 52	14 16	0 41	24 17	0 42	23 22	0 17	12 1	9 52	6 6	6 43	9 47		n.a.
T 29	10 15	10 12	4 1	6 48	0 48	14 58	1 22	16 13	0 56	24 46	0 53	14 18	0 40	24 17	0 42	23 22	0 17	12 0	9 52	6 3	6 42	9 45		n.a.
F 30	9n52	6s41	3n17	6n 6	0s54	14n31	1n21	15n59	0n55	24n47	0n53	14s19	0n40	24n17	0n42	23n22	0n17	11n59	9n52	6s 0	6s41	9s43		n.a.

Julian Day Number = 200034.5, Delta T = 32h11m57s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'54, Lahiri = -61°10'54 Julian Calendar 1 Sept. 4166 BCE == Greg. Calendar 30 July 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

OCTOBER 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 28 5	6♍13'09	17♓27	14♍25	27♌ 7	21♌ 5	22♊45	9♏15	11♋47	13♊47	22♍43	14°R45	16♎30	25♒15	n.a.	S 1
S 2	22 32 2	7°14'23	29°22	15°58	28°23	21°48	22°52	9°20	11°49	13°48	22°45	14♎42	16°26	25°21	n.a.	S 2
M 3	22 35 58	8°15'37	11♈23	17°31	29°39	22°32	23° 0	9°25	11°52	13°48	22°47	14°D41	16°23	25°28	n.a.	M 3
T 4	22 39 55	9°16'53	23°31	19° 5	0♍55	23°15	23° 7	9°29	11°54	13°49	22°50	14°41	16°20	25°35	n.a.	T 4
W 5	22 43 51	10°18'09	5♉50	20°38	2°11	23°59	23°14	9°34	11°57	13°49	22°52	14°42	16°17	25°41	n.a.	W 5
T 6	22 47 48	11°19'26	18°24	22°11	3°26	24°42	23°20	9°39	11°59	13°50	22°54	14°44	16°14	25°48	n.a.	T 6
F 7	22 51 45	12°20'45	1♊15	23°44	4°42	25°26	23°27	9°44	12° 1	13°50	22°57	14°45	16°10	25°55	n.a.	F 7
S 8	22 55 41	13°22'04	14°28	25°17	5°58	26°10	23°34	9°49	12° 4	13°51	22°59	14°R46	16° 7	26° 2	n.a.	S 8
S 9	22 59 38	14°23'25	28° 5	26°50	7°14	26°53	23°40	9°54	12° 6	13°51	23° 1	14°45	16° 4	26° 8	n.a.	S 9
M10	23 3 34	15°24'46	12♋ 8	28°22	8°29	27°37	23°46	9°59	12° 8	13°51	23° 3	14°43	16° 1	26°15	n.a.	M10
T 11	23 7 31	16°26'08	26°37	29°55	9°45	28°21	23°52	10° 5	12°10	13°52	23° 6	14°40	15°58	26°22	n.a.	T 11
W12	23 11 27	17°27'31	11♌27	1♎27	11° 1	29° 5	23°58	10°10	12°12	13°52	23° 8	14°36	15°55	26°28	n.a.	W12
T 13	23 15 24	18°28'54	26°31	2°59	12°17	29°49	24° 4	10°15	12°14	13°52	23°10	14°32	15°51	26°35	n.a.	T 13
F 14	23 19 21	19°30'18	11♍43	4°30	13°32	0♍33	24° 9	10°21	12°16	13°52	23°13	14°28	15°48	26°42	n.a.	F 14
S 15	23 23 17	20°31'42	26°50	6° 1	14°48	1°16	24°15	10°26	12°18	13°52	23°15	14°26	15°45	26°48	n.a.	S 15
S 16	23 27 14	21°33'07	11♎44	7°31	16° 4	2° 0	24°20	10°32	12°20	13°53	23°17	14°D25	15°42	26°55	n.a.	S 16
M17	23 31 10	22°34'32	26°16	9° 1	17°20	2°45	24°25	10°38	12°22	13°53	23°20	14°26	15°39	27° 2	n.a.	M17
T 18	23 35 7	23°35'57	10♏24	10°30	18°35	3°29	24°30	10°43	12°24	13°53	23°22	14°27	15°35	27° 8	n.a.	T 18
W19	23 39 3	24°37'22	24° 4	11°57	19°51	4°13	24°35	10°49	12°26	13°R53	23°24	14°28	15°32	27°15	n.a.	W19
T 20	23 43 0	25°38'47	7♐17	13°24	21° 7	4°57	24°39	10°55	12°28	13°53	23°26	14°30	15°29	27°22	n.a.	T 20
F 21	23 46 57	26°40'12	20° 6	14°49	22°22	5°41	24°44	11° 1	12°29	13°53	23°29	14°31	15°26	27°29	n.a.	F 21
S 22	23 50 53	27°41'36	2♑34	16°11	23°38	6°25	24°48	11° 7	12°31	13°52	23°31	14°R31	15°23	27°35	n.a.	S 22
S 23	23 54 50	28°43'00	14°47	17°32	24°54	7°10	24°52	11°13	12°32	13°52	23°33	14°30	15°20	27°42	n.a.	S 23
M24	23 58 46	29°44'24	26°48	18°50	26° 9	7°54	24°56	11°19	12°34	13°52	23°36	14°28	15°16	27°49	n.a.	M24
T 25	0 2 43	0♎45'48	8♒42	20° 5	27°25	8°38	24°59	11°25	12°35	13°52	23°38	14°27	15°13	27°55	n.a.	T 25
W26	0 6 39	1°47'12	20°32	21°17	28°40	9°23	25° 3	11°31	12°37	13°52	23°40	14°24	15°10	28° 2	n.a.	W26
T 27	0 10 36	2°48'35	2♓22	22°24	29°56	10° 7	25° 6	11°38	12°38	13°51	23°43	14°22	15° 7	28° 9	n.a.	T 27
F 28	0 14 33	3°49'57	14°14	23°27	1♎11	10°52	25° 9	11°44	12°39	13°51	23°45	14°21	15° 4	28°15	n.a.	F 28
S 29	0 18 29	4°51'20	26°12	24°24	2°27	11°36	25°12	11°50	12°41	13°51	23°47	14°20	15° 1	28°22	n.a.	S 29
S 30	0 22 26	5°52'42	8♈17	25°14	3°42	12°21	25°15	11°57	12°42	13°50	23°49	14°19	14°57	28°29	n.a.	S 30
M31	0 26 22	6♎54'04	20♈30	25♎57	4♎58	13♍ 5	25♊18	12♏ 3	12♋43	13♊50	23♍52	14°D19	14♎54	28♒35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n29	2s55	2n23	5n23	1s 0	14n 3	1n20	15n44	0n55	24n48	0n53	14s21	0n40	24n17	0n42	23n23	0n17	11n58	9n52	5s58	6s40	9s42		n.a.
S 2	9 6	1n 0	1 23	4 41	1 5	13 36	1 19	15 29	0 55	24 48	0 53	14 23	0 40	24 16	0 42	23 23	0 17	11 57	9 52	5 57	6 38	9 40		n.a.
M 3	8 42	4 54	0 18	3 59	1 11	13 7	1 18	15 15	0 54	24 49	0 54	14 24	0 40	24 16	0 42	23 23	0 17	11 56	9 52	5 56	6 37	9 38		n.a.
T 4	8 19	8 38	0s48	3 16	1 17	12 39	1 17	14 59	0 54	24 50	0 54	14 26	0 40	24 16	0 43	23 23	0 17	11 55	9 51	5 57	6 36	9 36		n.a.
W 5	7 55	12 4	1 53	2 34	1 22	12 10	1 16	14 44	0 53	24 50	0 54	14 28	0 40	24 16	0 43	23 23	0 17	11 54	9 51	5 57	6 35	9 35		n.a.
T 6	7 31	15 0	2 54	1 51	1 28	11 40	1 14	14 29	0 53	24 51	0 55	14 29	0 39	24 16	0 43	23 23	0 17	11 53	9 51	5 58	6 33	9 33		n.a.
F 7	7 7	17 16	3 48	1 9	1 33	11 11	1 13	14 13	0 53	24 51	0 55	14 31	0 39	24 15	0 43	23 23	0 17	11 52	9 51	5 58	6 32	9 31		n.a.
S 8	6 43	18 41	4 31	0 26	1 38	10 41	1 12	13 58	0 52	24 52	0 55	14 33	0 39	24 15	0 43	23 23	0 17	11 51	9 51	5 59	6 31	9 29		n.a.
S 9	6 19	19 5	5 1	0s16	1 42	10 11	1 10	13 42	0 52	24 53	0 55	14 35	0 39	24 15	0 43	23 23	0 17	11 50	9 51	5 58	6 30	9 28		n.a.
M10	5 54	18 20	5 13	0 58	1 47	9 40	1 9	13 26	0 51	24 53	0 56	14 36	0 39	24 15	0 43	23 23	0 17	11 49	9 50	5 57	6 28	9 26		n.a.
T 11	5 30	16 24	5 7	1 39	1 51	9 10	1 7	13 10	0 51	24 54	0 56	14 38	0 39	24 15	0 43	23 23	0 17	11 48	9 50	5 56	6 27	9 24		n.a.
W12	5 5	13 21	4 40	2 21	1 55	8 39	1 6	12 54	0 50	24 54	0 56	14 40	0 39	24 15	0 43	23 23	0 17	11 46	9 50	5 54	6 26	9 22		n.a.
T 13	4 41	9 22	3 54	3 1	1 59	8 8	1 4	12 38	0 50	24 55	0 56	14 42	0 38	24 15	0 43	23 23	0 17	11 45	9 50	5 53	6 25	9 20		n.a.
F 14	4 16	4 45	2 51	3 42	2 2	7 36	1 3	12 22	0 50	24 55	0 57	14 44	0 38	24 14	0 43	23 24	0 17	11 44	9 50	5 52	6 23	9 19		n.a.
S 15	3 51	0s10	1 36	4 21	2 5	7 5	1 1	12 5	0 49	24 56	0 57	14 46	0 38	24 14	0 43	23 24	0 17	11 43	9 50	5 51	6 22	9 17		n.a.
S 16	3 26	4 59	0 15	5 1	2 8	6 33	0 59	11 48	0 49	24 56	0 57	14 48	0 38	24 14	0 43	23 24	0 17	11 42	9 50	5 50	6 21	9 15		n.a.
M17	3 2	9 25	1n 5	5 39	2 10	6 1	0 58	11 32	0 48	24 57	0 58	14 50	0 38	24 14	0 43	23 24	0 17	11 41	9 50	5 51	6 19	9 13		n.a.
T 18	2 37	13 10	2 19	6 16	2 11	5 29	0 56	11 15	0 48	24 57	0 58	14 52	0 38	24 14	0 43	23 24	0 17	11 40	9 50	5 51	6 18	9 12		n.a.
W19	2 12	16 3	3 22	6 53	2 12	4 57	0 54	10 58	0 47	24 58	0 58	14 54	0 38	24 14	0 43	23 24	0 17	11 39	9 49	5 52	6 17	9 10		n.a.
T 20	1 47	18 0	4 12	7 28	2 13	4 25	0 52	10 41	0 47	24 58	0 58	14 56	0 38	24 14	0 43	23 24	0 17	11 38	9 49	5 52	6 16	9 8		n.a.
F 21	1 22	18 56	4 48	8 2	2 13	3 52	0 50	10 24	0 46	24 59	0 59	14 58	0 37	24 13	0 43	23 24	0 17	11 37	9 49	5 53	6 14	9 6		n.a.
S 22	0 57	18 56	5 10	8 34	2 12	3 20	0 48	10 7	0 46	24 59	0 59	15 0	0 37	24 13	0 43	23 24	0 17	11 36	9 49	5 53	6 13	9 5		n.a.
S 23	0 31	18 1	5 16	9 4	2 11	2 47	0 46	9 49	0 45	25 0	0 59	15 2	0 37	24 13	0 43	23 24	0 17	11 35	9 49	5 52	6 12	9 3		n.a.
M24	0 6	16 20	5 9	9 33	2 8	2 15	0 44	9 32	0 45	25 0	1 0	15 4	0 37	24 13	0 43	23 24	0 17	11 34	9 49	5 52	6 11	9 1		n.a.
T 25	0s19	13 57	4 49	9 59	2 5	1 42	0 42	9 14	0 44	25 1	1 0	15 6	0 37	24 13	0 43	23 24	0 18	11 33	9 49	5 51	6 9	8 59		n.a.
W26	0 44	11 1	4 16	10 23	2 1	1 9	0 40	8 57	0 44	25 1	1 0	15 8	0 37	24 13	0 43	23 24	0 18	11 32	9 49	5 50	6 8	8 57		n.a.
T 27	1 9	7 38	3 32	10 45	1 56	0 37	0 38	8 39	0 43	25 2	1 1	15 10	0 37	24 13	0 44	23 24	0 18	11 31	9 49	5 49	6 7	8 56		n.a.
F 28	1 34	3 56	2 39	11 3	1 50	0 4	0 36	8 21	0 43	25 2	1 1	15 12	0 37	24 13	0 44	23 24	0 18	11 30	9 49	5 49	6 6	8 54		n.a.
S 29	1 59	0 3	1 39	11 18	1 43	0s29	0 34	8 3	0 42	25 2	1 1	15 14	0 37	24 13	0 44	23 24	0 18	11 29	9 49	5 48	6 4	8 52		n.a.
S 30	2 24	3n53	0 34	11 29	1 34	1 2	0 32	7 45	0 42	25 3	1 1	15 16	0 36	24 13	0 44	23 24	0 18	11 28	9 49	5 48	6 3	8 50		n.a.
M31	2s49	7n42	0s34	11s36	1s24	1s35	0n30	7n27	0n41	25n 3	1n 2	15s18	0n36	24n13	0n44	23n24	0n18	11n27	9n49	5s48	6s 2	8s49		n.a.

Julian Day Number = 200064.5, Delta T = 32h11m54s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'50, Lahiri = -61°10'49 Julian Calendar 1 Oct. 4166 BCE == Greg. Calendar 29 Aug. 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

NOVEMBER 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 30 19	7♎55'25	2♉53	26♎33	6♎13	13♍50	25♊20	12♏ 9	12♋44	13°R50	23♍54	14♎20	14♎51	28♒42	n.a.	T 1
W 2	0 34 15	8°56'46	15°27	26°59	7°29	14°34	25°22	12°16	12°45	13♊49	23°56	14°20	14°48	28°49	n.a.	W 2
T 3	0 38 12	9°58'07	28°15	27°15	8°44	15°19	25°24	12°23	12°46	13°49	23°58	14°21	14°45	28°55	n.a.	T 3
F 4	0 42 9	10°59'28	11♊16	27°R20	10° 0	16° 4	25°26	12°29	12°47	13°48	24° 1	14°21	14°41	29° 2	n.a.	F 4
S 5	0 46 5	12° 0'49	24°34	27°14	11°15	16°49	25°28	12°36	12°48	13°48	24° 3	14°21	14°38	29° 9	n.a.	S 5
S 6	0 50 2	13° 2'09	8♋10	26°57	12°31	17°33	25°29	12°43	12°49	13°47	24° 5	14°22	14°35	29°16	n.a.	S 6
M 7	0 53 58	14° 3'29	22° 3	26°27	13°46	18°18	25°30	12°49	12°49	13°46	24° 7	14°22	14°32	29°22	n.a.	M 7
T 8	0 57 55	15° 4'49	6♌14	25°47	15° 1	19° 3	25°31	12°56	12°50	13°46	24° 9	14°22	14°29	29°29	n.a.	T 8
W 9	1 1 51	16° 6'08	20°41	24°55	16°17	19°48	25°32	13° 3	12°51	13°45	24°12	14°22	14°26	29°36	n.a.	W 9
T 10	1 5 48	17° 7'27	5♍20	23°54	17°32	20°33	25°33	13°10	12°51	13°44	24°14	14°22	14°22	29°42	n.a.	T 10
F 11	1 9 45	18° 8'45	20° 7	22°45	18°47	21°18	25°34	13°17	12°52	13°44	24°16	14°22	14°19	29°49	n.a.	F 11
S 12	1 13 41	19°10'03	4♎54	21°31	20° 3	22° 3	25°34	13°23	12°52	13°43	24°18	14°23	14°16	29°56	n.a.	S 12
S 13	1 17 38	20°11'19	19°34	20°13	21°18	22°48	25°R34	13°30	12°53	13°42	24°20	14°R23	14°13	0♓ 2	n.a.	S 13
M14	1 21 34	21°12'35	4♏ 1	18°55	22°33	23°33	25°34	13°37	12°53	13°41	24°22	14°22	14°10	0° 9	n.a.	M14
T 15	1 25 31	22°13'50	18° 8	17°38	23°49	24°18	25°34	13°44	12°53	13°40	24°24	14°22	14° 6	0°16	n.a.	T 15
W16	1 29 28	23°15'04	1♐53	16°25	25° 4	25° 3	25°33	13°51	12°54	13°39	24°27	14°20	14° 3	0°22	n.a.	W16
T 17	1 33 24	24°16'17	15°13	15°17	26°19	25°49	25°32	13°58	12°54	13°38	24°29	14°19	14° 0	0°29	n.a.	T 17
F 18	1 37 21	25°17'28	28° 9	14°17	27°34	26°34	25°31	14° 6	12°54	13°37	24°31	14°18	13°57	0°36	n.a.	F 18
S 19	1 41 17	26°18'38	10♑43	13°25	28°49	27°19	25°30	14°13	12°54	13°36	24°33	14°17	13°54	0°42	n.a.	S 19
S 20	1 45 14	27°19'47	22°59	12°42	0♏ 5	28° 4	25°29	14°20	12°R54	13°35	24°35	14°D16	13°51	0°49	n.a.	S 20
M21	1 49 10	28°20'54	5♒ 2	12° 9	1°20	28°50	25°28	14°27	12°54	13°34	24°37	14°16	13°47	0°56	n.a.	M21
T 22	1 53 7	29°22'00	16°56	11°44	2°35	29°35	25°26	14°34	12°54	13°33	24°39	14°17	13°44	1° 2	n.a.	T 22
W23	1 57 4	0♏23'04	28°45	11°28	3°50	0♎20	25°24	14°41	12°54	13°32	24°41	14°18	13°41	1° 9	n.a.	W23
T 24	2 1 0	1°24'07	10♓35	11°D21	5° 5	1° 6	25°22	14°49	12°54	13°31	24°43	14°20	13°38	1°16	n.a.	T 24
F 25	2 4 57	2°25'08	22°30	11°22	6°20	1°51	25°20	14°56	12°53	13°30	24°45	14°21	13°35	1°22	n.a.	F 25
S 26	2 8 53	3°26'08	4♈34	11°31	7°35	2°36	25°18	15° 3	12°53	13°29	24°47	14°23	13°32	1°29	n.a.	S 26
S 27	2 12 50	4°27'06	16°48	11°46	8°50	3°22	25°15	15°10	12°53	13°28	24°48	14°R23	13°28	1°36	n.a.	S 27
M28	2 16 46	5°28'03	29°15	12° 8	10° 5	4° 7	25°12	15°18	12°52	13°26	24°50	14°22	13°25	1°43	n.a.	M28
T 29	2 20 43	6°28'58	11♉57	12°36	11°20	4°53	25° 9	15°25	12°52	13°25	24°52	14°20	13°22	1°49	n.a.	T 29
W30	2 24 40	7♏29'52	24♉54	13♎10	12♏35	5♎38	25♊ 6	15♏32	12♋51	13♊24	24♍54	14♎17	13♎19	1♓56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s14	11n14	1s41	11s39	1s13	2s 7	0n27	7n 9	0n40	25n 4	1n 2	15s21	0n36	24n12	0n44	23n24	0n18	11n26	9n49	5s48	6s 1	8s47		n.a.
W 2	3 39	14 18	2 45	11 37	1 0	2 40	0 25	6 51	0 40	25 4	1 2	15 23	0 36	24 12	0 44	23 24	0 18	11 26	9 49	5 48	5 59	8 45		n.a.
T 3	4 3	16 44	3 41	11 30	0 46	3 13	0 23	6 33	0 39	25 4	1 3	15 25	0 36	24 12	0 44	23 24	0 18	11 25	9 49	5 49	5 58	8 43		n.a.
F 4	4 28	18 22	4 27	11 18	0 31	3 45	0 21	6 14	0 39	25 5	1 3	15 27	0 36	24 12	0 44	23 24	0 18	11 24	9 49	5 49	5 57	8 41		n.a.
S 5	4 53	19 1	4 59	11 0	0 14	4 18	0 18	5 56	0 38	25 5	1 3	15 29	0 36	24 12	0 44	23 23	0 18	11 23	9 49	5 49	5 56	8 40		n.a.
S 6	5 17	18 36	5 16	10 37	0n 4	4 50	0 16	5 37	0 38	25 6	1 4	15 31	0 36	24 12	0 44	23 23	0 18	11 22	9 49	5 49	5 54	8 38		n.a.
M 7	5 42	17 4	5 15	10 8	0 23	5 22	0 14	5 19	0 37	25 6	1 4	15 34	0 35	24 12	0 44	23 23	0 18	11 21	9 49	5 49	5 53	8 36		n.a.
T 8	6 6	14 29	4 55	9 35	0 42	5 54	0 11	5 0	0 36	25 6	1 4	15 36	0 35	24 12	0 44	23 23	0 18	11 20	9 49	5 49	5 52	8 34		n.a.
W 9	6 30	10 58	4 17	8 57	1 2	6 26	0 9	4 42	0 36	25 7	1 5	15 38	0 35	24 12	0 44	23 23	0 18	11 19	9 49	5 49	5 50	8 32		n.a.
T 10	6 54	6 43	3 21	8 16	1 22	6 58	0 7	4 23	0 35	25 7	1 5	15 40	0 35	24 12	0 44	23 23	0 18	11 18	9 49	5 49	5 49	8 31		n.a.
F 11	7 19	2 2	2 11	7 31	1 42	7 30	0 4	4 4	0 35	25 7	1 5	15 42	0 35	24 12	0 44	23 23	0 18	11 18	9 49	5 49	5 48	8 29		n.a.
S 12	7 42	2s48	0 52	6 46	2 0	8 1	0 2	3 45	0 34	25 8	1 6	15 45	0 35	24 12	0 44	23 23	0 18	11 17	9 49	5 49	5 47	8 27		n.a.
S 13	8 6	7 25	0n29	6 0	2 18	8 32	0s 0	3 27	0 33	25 8	1 6	15 47	0 35	24 12	0 44	23 23	0 18	11 16	9 49	5 49	5 45	8 25		n.a.
M14	8 30	11 32	1 47	5 15	2 33	9 3	0 3	3 8	0 33	25 8	1 6	15 49	0 35	24 12	0 44	23 23	0 18	11 15	9 49	5 49	5 44	8 24		n.a.
T 15	8 53	14 53	2 57	4 33	2 47	9 34	0 5	2 49	0 32	25 9	1 6	15 51	0 35	24 12	0 44	23 23	0 18	11 14	9 49	5 49	5 43	8 22		n.a.
W16	9 17	17 18	3 54	3 54	2 58	10 5	0 7	2 30	0 32	25 9	1 7	15 54	0 35	24 12	0 44	23 23	0 18	11 13	9 49	5 48	5 42	8 20		n.a.
T 17	9 40	18 40	4 37	3 19	3 7	10 35	0 10	2 11	0 31	25 9	1 7	15 56	0 34	24 12	0 45	23 23	0 18	11 13	9 49	5 48	5 40	8 18		n.a.
F 18	10 3	19 1	5 5	2 49	3 14	11 5	0 12	1 52	0 30	25 9	1 7	15 58	0 34	24 12	0 45	23 22	0 18	11 12	9 49	5 47	5 39	8 16		n.a.
S 19	10 26	18 24	5 17	2 24	3 19	11 35	0 14	1 33	0 30	25 10	1 8	16 0	0 34	24 12	0 45	23 22	0 18	11 11	9 49	5 47	5 38	8 15		n.a.
S 20	10 49	16 56	5 14	2 4	3 22	12 4	0 16	1 14	0 29	25 10	1 8	16 3	0 34	24 12	0 45	23 22	0 18	11 10	9 49	5 47	5 37	8 13		n.a.
M21	11 11	14 45	4 57	1 50	3 23	12 33	0 19	0 55	0 28	25 10	1 8	16 5	0 34	24 12	0 45	23 22	0 18	11 10	9 50	5 47	5 35	8 11		n.a.
T 22	11 33	11 58	4 27	1 41	3 22	13 2	0 21	0 36	0 28	25 11	1 9	16 7	0 34	24 13	0 45	23 22	0 18	11 9	9 50	5 47	5 34	8 9		n.a.
W23	11 55	8 42	3 47	1 36	3 20	13 31	0 23	0 16	0 27	25 11	1 9	16 9	0 34	24 13	0 45	23 22	0 18	11 8	9 50	5 48	5 33	8 7		n.a.
T 24	12 17	5 6	2 56	1 37	3 17	13 59	0 26	0s 3	0 26	25 11	1 9	16 12	0 34	24 13	0 45	23 22	0 18	11 7	9 50	5 48	5 31	8 6		n.a.
F 25	12 39	1 15	1 58	1 41	3 12	14 27	0 28	0 22	0 26	25 11	1 10	16 14	0 34	24 13	0 45	23 22	0 18	11 7	9 50	5 49	5 30	8 4		n.a.
S 26	13 0	2n41	0 54	1 49	3 7	14 54	0 30	0 41	0 25	25 11	1 10	16 16	0 34	24 13	0 45	23 22	0 18	11 6	9 50	5 49	5 29	8 2		n.a.
S 27	13 22	6 35	0s13	2 1	3 1	15 21	0 32	1 0	0 24	25 12	1 10	16 19	0 34	24 13	0 45	23 21	0 18	11 5	9 50	5 49	5 28	8 0		n.a.
M28	13 43	10 15	1 21	2 16	2 54	15 48	0 34	1 19	0 24	25 12	1 11	16 21	0 33	24 13	0 45	23 21	0 18	11 5	9 50	5 49	5 26	7 58		n.a.
T 29	14 3	13 32	2 26	2 34	2 47	16 14	0 36	1 39	0 23	25 12	1 11	16 23	0 33	24 13	0 45	23 21	0 18	11 4	9 50	5 48	5 25	7 56		n.a.
W30	14s24	16n13	3s25	2s55	2n39	16s40	0s39	1s58	0n22	25n12	1n11	16s25	0n33	24n13	0n45	23n21	0n18	11n 3	9n51	5s47	5s24	7s55		n.a.

Julian Day Number = 200095.5, Delta T = 32h11m51s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'46, Lahiri = -61°10'45 Julian Calendar 1 Nov. 4166 BCE == Greg. Calendar 29 Sept. 4166 BCE

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ASTRODIENST EPHEMERIS for the year 4166 BCE
geocentric

DECEMBER 4166 BCE (-4165) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 28 36	8♏30'45	8♊ 4	13♎48	13♏50	6♎24	25°R 3	15♏40	12°R51	13°R23	24♍56	14°R13	13♎16	2♓ 3	n.a.	T 1
F 2	2 32 33	9°31'36	21°28	14°31	15° 5	7° 9	24♊59	15°47	12♋50	13♊21	24°58	14♎ 9	13°12	2° 9	n.a.	F 2
S 3	2 36 29	10°32'26	5♋ 5	15°18	16°20	7°55	24°55	15°54	12°49	13°20	24°59	14° 6	13° 9	2°16	n.a.	S 3
S 4	2 40 26	11°33'14	18°51	16° 9	17°35	8°41	24°52	16° 2	12°49	13°19	25° 1	14° 3	13° 6	2°23	n.a.	S 4
M 5	2 44 22	12°34'01	2♌48	17° 3	18°50	9°26	24°48	16° 9	12°48	13°17	25° 3	14° 1	13° 3	2°29	n.a.	M 5
T 6	2 48 19	13°34'47	16°52	18° 0	20° 5	10°12	24°43	16°16	12°47	13°16	25° 5	14°D 1	13° 0	2°36	n.a.	T 6
W 7	2 52 16	14°35'31	1♍ 3	19° 0	21°20	10°58	24°39	16°24	12°46	13°14	25° 6	14° 2	12°57	2°43	n.a.	W 7
T 8	2 56 12	15°36'14	15°19	20° 3	22°34	11°43	24°34	16°31	12°45	13°13	25° 8	14° 3	12°53	2°49	n.a.	T 8
F 9	3 0 9	16°36'56	29°38	21° 8	23°49	12°29	24°30	16°38	12°44	13°12	25° 9	14° 5	12°50	2°56	n.a.	F 9
S 10	3 4 5	17°37'36	13♎56	22°15	25° 4	13°15	24°25	16°46	12°43	13°10	25°11	14°R 5	12°47	3° 3	n.a.	S 10
S 11	3 8 2	18°38'14	28°10	23°25	26°19	14° 1	24°20	16°53	12°42	13° 9	25°13	14° 4	12°44	3° 9	n.a.	S 11
M12	3 11 58	19°38'51	12♏15	24°36	27°34	14°47	24°15	17° 0	12°41	13° 7	25°14	14° 2	12°41	3°16	n.a.	M12
T 13	3 15 55	20°39'25	26° 7	25°49	28°48	15°32	24° 9	17° 8	12°39	13° 6	25°16	13°57	12°37	3°23	n.a.	T 13
W14	3 19 52	21°39'58	9♐42	27° 4	0♐ 3	16°18	24° 4	17°15	12°38	13° 4	25°17	13°51	12°34	3°29	n.a.	W14
T 15	3 23 48	22°40'29	22°58	28°20	1°18	17° 4	23°58	17°22	12°37	13° 3	25°19	13°45	12°31	3°36	n.a.	T 15
F 16	3 27 45	23°40'58	5♑54	29°38	2°33	17°50	23°52	17°30	12°35	13° 1	25°20	13°38	12°28	3°43	n.a.	F 16
S 17	3 31 41	24°41'25	18°30	0♏57	3°47	18°36	23°46	17°37	12°34	13° 0	25°22	13°31	12°25	3°49	n.a.	S 17
S 18	3 35 38	25°41'50	0♒49	2°18	5° 2	19°22	23°40	17°44	12°33	12°58	25°23	13°27	12°22	3°56	n.a.	S 18
M19	3 39 34	26°42'12	12°53	3°40	6°17	20° 8	23°34	17°52	12°31	12°56	25°24	13°24	12°18	4° 3	n.a.	M19
T 20	3 43 31	27°42'32	24°48	5° 3	7°31	20°54	23°28	17°59	12°30	12°55	25°26	13°D22	12°15	4° 9	n.a.	T 20
W21	3 47 27	28°42'50	6♓38	6°27	8°46	21°40	23°22	18° 6	12°28	12°53	25°27	13°23	12°12	4°16	n.a.	W21
T 22	3 51 24	29°43'06	18°28	7°53	10° 1	22°25	23°15	18°14	12°26	12°52	25°28	13°24	12° 9	4°23	n.a.	T 22
F 23	3 55 21	0♐43'19	0♈24	9°19	11°15	23°11	23° 8	18°21	12°25	12°50	25°29	13°25	12° 6	4°29	n.a.	F 23
S 24	3 59 17	1°43'30	12°30	10°47	12°30	23°57	23° 2	18°28	12°23	12°48	25°31	13°R26	12° 3	4°36	n.a.	S 24
S 25	4 3 14	2°43'38	24°51	12°16	13°44	24°43	22°55	18°35	12°21	12°47	25°32	13°25	11°59	4°43	n.a.	S 25
M26	4 7 10	3°43'44	7♉30	13°46	14°59	25°29	22°48	18°43	12°19	12°45	25°33	13°23	11°56	4°50	n.a.	M26
T 27	4 11 7	4°43'48	20°28	15°17	16°13	26°15	22°41	18°50	12°18	12°43	25°34	13°17	11°53	4°56	n.a.	T 27
W28	4 15 3	5°43'50	3♊46	16°49	17°28	27° 1	22°34	18°57	12°16	12°42	25°35	13°10	11°50	5° 3	n.a.	W28
T 29	4 19 0	6°43'50	17°23	18°23	18°42	27°47	22°26	19° 4	12°14	12°40	25°36	13° 1	11°47	5°10	n.a.	T 29
F 30	4 22 56	7°43'48	1♋15	19°57	19°56	28°34	22°19	19°11	12°12	12°39	25°37	12°52	11°43	5°16	n.a.	F 30
S 31	4 26 53	8♐43'43	15♋18	21♏32	21♐11	29♎20	22♊12	19♏18	12♋10	12♊37	25♍38	12♎43	11♎40	5♓23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14s44	18n 6	4s14	3s17	2n31	17s 5	0s41	2s17	0n22	25n12	1n12	16s28	0n33	24n13	0n45	23n21	0n18	11n 3	9n51	5s46	5s23	7s53			n.a.
F 2	15 4	19 0	4 50	3 42	2 22	17 30	0 43	2 36	0 21	25 13	1 12	16 30	0 33	24 13	0 45	23 21	0 18	11 2	9 51	5 44	5 21	7 51			n.a.
S 3	15 24	18 51	5 10	4 9	2 14	17 54	0 45	2 55	0 20	25 13	1 12	16 32	0 33	24 13	0 45	23 21	0 18	11 2	9 51	5 43	5 20	7 49			n.a.
S 4	15 43	17 35	5 13	4 37	2 5	18 18	0 47	3 14	0 19	25 13	1 12	16 34	0 33	24 14	0 45	23 20	0 18	11 1	9 51	5 41	5 19	7 47			n.a.
M 5	16 2	15 16	4 57	5 6	1 56	18 41	0 49	3 33	0 19	25 13	1 13	16 37	0 33	24 14	0 45	23 20	0 18	11 0	9 51	5 41	5 18	7 46			n.a.
T 6	16 21	12 2	4 24	5 37	1 47	19 4	0 51	3 53	0 18	25 13	1 13	16 39	0 33	24 14	0 45	23 20	0 18	11 0	9 51	5 41	5 16	7 44			n.a.
W 7	16 40	8 5	3 34	6 8	1 38	19 27	0 53	4 12	0 17	25 13	1 13	16 41	0 33	24 14	0 45	23 20	0 18	10 59	9 51	5 41	5 15	7 42			n.a.
T 8	16 58	3 38	2 31	6 41	1 29	19 48	0 54	4 31	0 16	25 13	1 14	16 43	0 33	24 14	0 45	23 20	0 19	10 59	9 52	5 42	5 14	7 40			n.a.
F 9	17 16	1s 2	1 18	7 14	1 20	20 10	0 56	4 50	0 16	25 13	1 14	16 46	0 33	24 14	0 46	23 20	0 19	10 58	9 52	5 42	5 12	7 38			n.a.
S 10	17 34	5 39	0 1	7 48	1 11	20 30	0 58	5 9	0 15	25 14	1 14	16 48	0 32	24 14	0 46	23 19	0 19	10 58	9 52	5 42	5 11	7 37			n.a.
S 11	17 51	9 56	1n16	8 23	1 2	20 50	1 0	5 28	0 14	25 14	1 14	16 50	0 32	24 15	0 46	23 19	0 19	10 57	9 52	5 42	5 10	7 35			n.a.
M12	18 8	13 36	2 28	8 58	0 54	21 10	1 1	5 47	0 13	25 14	1 15	16 52	0 32	24 15	0 46	23 19	0 19	10 57	9 52	5 41	5 9	7 33			n.a.
T 13	18 25	16 26	3 29	9 33	0 45	21 29	1 3	6 5	0 13	25 14	1 15	16 54	0 32	24 15	0 46	23 19	0 19	10 56	9 52	5 39	5 7	7 31			n.a.
W14	18 41	18 17	4 17	10 9	0 36	21 47	1 5	6 24	0 12	25 14	1 15	16 57	0 32	24 15	0 46	23 19	0 19	10 56	9 53	5 37	5 6	7 29			n.a.
T 15	18 57	19 5	4 50	10 45	0 28	22 5	1 6	6 43	0 11	25 14	1 16	16 59	0 32	24 15	0 46	23 19	0 19	10 55	9 53	5 34	5 5	7 27			n.a.
F 16	19 13	18 51	5 7	11 21	0 20	22 22	1 8	7 2	0 10	25 14	1 16	17 1	0 32	24 15	0 46	23 18	0 19	10 55	9 53	5 31	5 4	7 26			n.a.
S 17	19 28	17 41	5 9	11 57	0 11	22 38	1 9	7 20	0 9	25 14	1 16	17 3	0 32	24 16	0 46	23 18	0 19	10 55	9 53	5 29	5 2	7 24			n.a.
S 18	19 43	15 43	4 56	12 33	0 3	22 54	1 11	7 39	0 9	25 14	1 16	17 5	0 32	24 16	0 46	23 18	0 19	10 54	9 53	5 27	5 1	7 22			n.a.
M19	19 58	13 6	4 30	13 10	0s 5	23 9	1 12	7 58	0 8	25 14	1 17	17 8	0 32	24 16	0 46	23 18	0 19	10 54	9 54	5 26	5 0	7 20			n.a.
T 20	20 12	9 58	3 53	13 46	0 12	23 23	1 13	8 16	0 7	25 13	1 17	17 10	0 32	24 16	0 46	23 18	0 19	10 53	9 54	5 25	4 58	7 18			n.a.
W21	20 26	6 27	3 6	14 21	0 20	23 37	1 15	8 35	0 6	25 13	1 17	17 12	0 32	24 16	0 46	23 17	0 19	10 53	9 54	5 25	4 57	7 17			n.a.
T 22	20 39	2 41	2 11	14 57	0 27	23 50	1 16	8 53	0 5	25 13	1 17	17 14	0 32	24 17	0 46	23 17	0 19	10 53	9 54	5 26	4 56	7 15			n.a.
F 23	20 52	1n14	1 10	15 33	0 34	24 2	1 17	9 11	0 5	25 13	1 18	17 16	0 31	24 17	0 46	23 17	0 19	10 52	9 54	5 26	4 55	7 13			n.a.
S 24	21 5	5 9	0 5	16 8	0 41	24 13	1 18	9 29	0 4	25 13	1 18	17 18	0 31	24 17	0 46	23 17	0 19	10 52	9 55	5 27	4 53	7 11			n.a.
S 25	21 17	8 56	1s 1	16 42	0 48	24 24	1 19	9 47	0 3	25 13	1 18	17 20	0 31	24 17	0 46	23 17	0 19	10 52	9 55	5 26	4 52	7 9			n.a.
M26	21 29	12 25	2 6	17 16	0 54	24 34	1 20	10 6	0 2	25 13	1 18	17 23	0 31	24 17	0 46	23 16	0 19	10 52	9 55	5 25	4 51	7 7			n.a.
T 27	21 41	15 23	3 6	17 50	1 0	24 43	1 21	10 23	0 1	25 13	1 18	17 25	0 31	24 18	0 46	23 16	0 19	10 51	9 55	5 23	4 50	7 6			n.a.
W28	21 52	17 37	3 57	18 23	1 6	24 52	1 22	10 41	0 1	25 12	1 19	17 27	0 31	24 18	0 46	23 16	0 19	10 51	9 55	5 20	4 48	7 4			n.a.
T 29	22 2	18 55	4 36	18 56	1 12	25 0	1 23	10 59	0s 0	25 12	1 19	17 29	0 31	24 18	0 46	23 16	0 19	10 51	9 56	5 17	4 47	7 2			n.a.
F 30	22 13	19 7	4 59	19 28	1 17	25 7	1 24	11 17	0 1	25 12	1 19	17 31	0 31	24 18	0 46	23 16	0 19	10 51	9 56	5 13	4 46	7 0			n.a.
S 31	22s22	18n 9	5s 5	19s59	1s22	25s13	1s24	11s34	0s 2	25n12	1n19	17s33	0n31	24n18	0n46	23n15	0n19	10n50	9n56	5s10	4s44	6s58			n.a.

Julian Day Number = 200125.5, Delta T = 32h11m48s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'42, Lahiri = -61°10'41 Julian Calendar 1 Dec. 4166 BCE == Greg. Calendar 29 Oct. 4166 BCE

The year -4165 astronomical counting style corresponds to year 4166 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

JANUARY 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 30 50	9♐43'37	29♋28	23♏ 9	22♐25	0♏ 6	22°R 4	19♏25	12°R 8	12°R35	25♍39	12°R36	11♎37	5♓30	n.a.	S 1
M 2	4 34 46	10°43'28	13♌41	24°46	23°40	0°52	21♊57	19°32	12♋ 6	12♊34	25°40	12♎30	11°34	5°36	n.a.	M 2
T 3	4 38 43	11°43'18	27°53	26°25	24°54	1°38	21°49	19°40	12° 4	12°32	25°41	12°27	11°31	5°43	n.a.	T 3
W 4	4 42 39	12°43'05	12♍ 2	28° 5	26° 8	2°24	21°42	19°47	12° 2	12°30	25°42	12°D27	11°28	5°50	n.a.	W 4
T 5	4 46 36	13°42'51	26° 7	29°46	27°23	3°10	21°34	19°53	12° 0	12°29	25°43	12°27	11°24	5°56	n.a.	T 5
F 6	4 50 32	14°42'35	10♎ 6	1♐28	28°37	3°56	21°26	20° 0	11°57	12°27	25°44	12°R27	11°21	6° 3	n.a.	F 6
S 7	4 54 29	15°42'17	24° 0	3°11	29°51	4°42	21°19	20° 7	11°55	12°25	25°44	12°27	11°18	6°10	n.a.	S 7
S 8	4 58 25	16°41'56	7♏46	4°55	1♑ 5	5°28	21°11	20°14	11°53	12°24	25°45	12°24	11°15	6°16	n.a.	S 8
M 9	5 2 22	17°41'34	21°24	6°41	2°20	6°14	21° 3	20°21	11°51	12°22	25°46	12°19	11°12	6°23	n.a.	M 9
T 10	5 6 18	18°41'10	4♐53	8°27	3°34	7° 1	20°55	20°28	11°48	12°20	25°47	12°11	11° 9	6°30	n.a.	T 10
W11	5 10 15	19°40'43	18° 8	10°15	4°48	7°47	20°48	20°35	11°46	12°19	25°47	12° 0	11° 5	6°36	n.a.	W11
T 12	5 14 12	20°40'14	1♑10	12° 4	6° 2	8°33	20°40	20°41	11°44	12°17	25°48	11°48	11° 2	6°43	n.a.	T 12
F 13	5 18 8	21°39'43	13°56	13°55	7°16	9°19	20°32	20°48	11°42	12°15	25°48	11°36	10°59	6°50	n.a.	F 13
S 14	5 22 5	22°39'10	26°26	15°46	8°30	10° 5	20°24	20°55	11°39	12°14	25°49	11°25	10°56	6°56	n.a.	S 14
S 15	5 26 1	23°38'34	8♒41	17°39	9°44	10°51	20°16	21° 1	11°37	12°12	25°49	11°15	10°53	7° 3	n.a.	S 15
M16	5 29 58	24°37'55	20°44	19°33	10°58	11°37	20° 9	21° 8	11°34	12°10	25°50	11° 7	10°49	7°10	n.a.	M16
T 17	5 33 54	25°37'14	2♓38	21°28	12°13	12°23	20° 1	21°15	11°32	12° 9	25°50	11° 3	10°46	7°16	n.a.	T 17
W18	5 37 51	26°36'30	14°27	23°24	13°27	13° 9	19°53	21°21	11°29	12° 7	25°51	11° 0	10°43	7°23	n.a.	W18
T 19	5 41 47	27°35'44	26°16	25°22	14°40	13°55	19°45	21°27	11°27	12° 6	25°51	11°D 0	10°40	7°30	n.a.	T 19
F 20	5 45 44	28°34'55	8♈11	27°20	15°54	14°42	19°38	21°34	11°24	12° 4	25°51	11°R 0	10°37	7°36	n.a.	F 20
S 21	5 49 40	29°34'04	20°18	29°20	17° 8	15°28	19°30	21°40	11°22	12° 2	25°52	10°59	10°34	7°43	n.a.	S 21
S 22	5 53 37	0♑33'10	2♉40	1♑20	18°22	16°14	19°23	21°47	11°19	12° 1	25°52	10°58	10°30	7°50	n.a.	S 22
M23	5 57 33	1°32'14	15°24	3°21	19°36	17° 0	19°15	21°53	11°17	11°59	25°52	10°54	10°27	7°56	n.a.	M23
T 24	6 1 30	2°31'15	28°31	5°23	20°50	17°46	19° 8	21°59	11°14	11°58	25°53	10°47	10°24	8° 3	n.a.	T 24
W25	6 5 27	3°30'14	12♊ 3	7°25	22° 4	18°32	19° 0	22° 5	11°12	11°56	25°53	10°38	10°21	8°10	n.a.	W25
T 26	6 9 23	4°29'10	26° 0	9°28	23°17	19°18	18°53	22°11	11° 9	11°55	25°53	10°27	10°18	8°16	n.a.	T 26
F 27	6 13 20	5°28'04	10♋16	11°31	24°31	20° 4	18°46	22°17	11° 7	11°53	25°53	10°15	10°15	8°23	n.a.	F 27
S 28	6 17 16	6°26'56	24°46	13°33	25°45	20°50	18°38	22°23	11° 4	11°52	25°53	10° 4	10°11	8°30	n.a.	S 28
S 29	6 21 13	7°25'46	9♌24	15°36	26°59	21°36	18°31	22°29	11° 2	11°50	25°53	9°54	10° 8	8°36	n.a.	S 29
M30	6 25 9	8°24'34	24° 1	17°37	28°12	22°22	18°24	22°35	10°59	11°49	25°R53	9°47	10° 5	8°43	n.a.	M30
T 31	6 29 6	9♑23'19	8♍32	19♑38	29♑26	23♏ 8	18♊18	22♏41	10♋57	11♊47	25♍53	9♎42	10♎ 2	8♓50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	22s32	16n 4	4s53	20s29	1s27	25s18	1s25	11s52	0s 3	25n11	1n19	17s35	0n31	24n19	0n46	23n15	0n19	10n50	9n56	5s 7	4s43	6s56			n.a.
M 2	22 41	13 1	4 22	20 58	1 32	25 23	1 26	12 9	0 4	25 11	1 20	17 37	0 31	24 19	0 46	23 15	0 19	10 50	9 57	5 5	4 42	6 55			n.a.
T 3	22 49	9 11	3 35	21 27	1 36	25 27	1 26	12 27	0 5	25 11	1 20	17 39	0 31	24 19	0 46	23 15	0 19	10 50	9 57	5 3	4 41	6 53			n.a.
W 4	22 57	4 51	2 35	21 54	1 40	25 30	1 27	12 44	0 5	25 10	1 20	17 41	0 31	24 19	0 46	23 15	0 19	10 50	9 57	5 3	4 39	6 51			n.a.
T 5	23 5	0 16	1 26	22 21	1 43	25 32	1 27	13 1	0 6	25 10	1 20	17 43	0 31	24 20	0 47	23 14	0 19	10 50	9 57	5 3	4 38	6 49			n.a.
F 6	23 12	4s18	0 13	22 46	1 46	25 34	1 27	13 18	0 7	25 10	1 20	17 45	0 31	24 20	0 47	23 14	0 19	10 49	9 57	5 3	4 37	6 47			n.a.
S 7	23 19	8 37	1n 1	23 10	1 49	25 34	1 28	13 35	0 8	25 9	1 21	17 47	0 30	24 20	0 47	23 14	0 19	10 49	9 58	5 3	4 35	6 45			n.a.
S 8	23 25	12 26	2 11	23 32	1 51	25 34	1 28	13 51	0 9	25 9	1 21	17 49	0 30	24 20	0 47	23 14	0 19	10 49	9 58	5 2	4 34	6 44			n.a.
M 9	23 31	15 32	3 12	23 53	1 53	25 33	1 28	14 8	0 10	25 9	1 21	17 51	0 30	24 20	0 47	23 14	0 19	10 49	9 58	5 0	4 33	6 42			n.a.
T 10	23 37	17 45	4 1	24 13	1 55	25 32	1 28	14 24	0 11	25 8	1 21	17 53	0 30	24 21	0 47	23 13	0 19	10 49	9 58	4 57	4 32	6 40			n.a.
W11	23 42	18 58	4 37	24 31	1 56	25 29	1 28	14 40	0 12	25 8	1 21	17 55	0 30	24 21	0 47	23 13	0 19	10 49	9 59	4 53	4 30	6 38			n.a.
T 12	23 46	19 9	4 57	24 47	1 56	25 26	1 28	14 57	0 12	25 7	1 21	17 57	0 30	24 21	0 47	23 13	0 19	10 49	9 59	4 48	4 29	6 36			n.a.
F 13	23 50	18 21	5 2	25 2	1 56	25 22	1 28	15 13	0 13	25 7	1 21	17 58	0 30	24 21	0 47	23 13	0 19	10 49	9 59	4 43	4 28	6 34			n.a.
S 14	23 54	16 41	4 52	25 15	1 56	25 17	1 28	15 29	0 14	25 6	1 22	18 0	0 30	24 22	0 47	23 13	0 19	10 49	9 59	4 38	4 27	6 33			n.a.
S 15	23 57	14 17	4 29	25 26	1 55	25 12	1 27	15 44	0 15	25 6	1 22	18 2	0 30	24 22	0 47	23 12	0 19	10 49	10 0	4 34	4 25	6 31			n.a.
M16	24 0	11 18	3 54	25 34	1 54	25 5	1 27	16 0	0 16	25 6	1 22	18 4	0 30	24 22	0 47	23 12	0 19	10 49	10 0	4 31	4 24	6 29			n.a.
T 17	24 2	7 54	3 9	25 41	1 52	24 58	1 27	16 15	0 17	25 5	1 22	18 6	0 30	24 22	0 47	23 12	0 19	10 49	10 0	4 29	4 23	6 27			n.a.
W18	24 4	4 12	2 16	25 45	1 49	24 51	1 26	16 31	0 18	25 4	1 22	18 8	0 30	24 23	0 47	23 12	0 19	10 49	10 0	4 28	4 21	6 25			n.a.
T 19	24 5	0 21	1 17	25 47	1 46	24 42	1 26	16 46	0 19	25 4	1 22	18 9	0 30	24 23	0 47	23 12	0 19	10 49	10 1	4 28	4 20	6 23			n.a.
F 20	24 6	3n34	0 15	25 47	1 42	24 33	1 25	17 1	0 20	25 3	1 22	18 11	0 30	24 23	0 47	23 11	0 19	10 49	10 1	4 28	4 19	6 21			n.a.
S 21	24 6	7 23	0s49	25 44	1 38	24 23	1 25	17 15	0 21	25 3	1 22	18 13	0 30	24 23	0 47	23 11	0 19	10 49	10 1	4 28	4 18	6 20			n.a.
S 22	24 6	10 59	1 52	25 39	1 33	24 12	1 24	17 30	0 22	25 2	1 22	18 15	0 30	24 24	0 47	23 11	0 19	10 49	10 1	4 27	4 16	6 18			n.a.
M23	24 6	14 11	2 52	25 31	1 27	24 0	1 23	17 44	0 22	25 2	1 22	18 16	0 30	24 24	0 47	23 11	0 19	10 50	10 1	4 26	4 15	6 16			n.a.
T 24	24 5	16 45	3 44	25 21	1 21	23 48	1 22	17 59	0 23	25 1	1 22	18 18	0 30	24 24	0 47	23 11	0 19	10 50	10 2	4 23	4 14	6 14			n.a.
W25	24 4	18 30	4 25	25 8	1 14	23 35	1 21	18 13	0 24	25 1	1 22	18 20	0 29	24 24	0 47	23 10	0 19	10 50	10 2	4 19	4 12	6 12			n.a.
T 26	24 2	19 12	4 51	24 52	1 6	23 21	1 20	18 27	0 25	25 0	1 22	18 21	0 29	24 24	0 47	23 10	0 19	10 50	10 2	4 15	4 11	6 10			n.a.
F 27	24 0	18 42	5 1	24 34	0 58	23 7	1 19	18 40	0 26	24 59	1 23	18 23	0 29	24 25	0 47	23 10	0 19	10 50	10 2	4 10	4 10	6 9			n.a.
S 28	23 57	17 0	4 51	24 13	0 49	22 52	1 18	18 54	0 27	24 59	1 23	18 25	0 29	24 25	0 47	23 10	0 19	10 50	10 3	4 6	4 9	6 7			n.a.
S 29	23 54	14 12	4 22	23 50	0 40	22 36	1 17	19 7	0 28	24 58	1 23	18 26	0 29	24 25	0 47	23 10	0 19	10 51	10 3	4 2	4 7	6 5			n.a.
M30	23 50	10 30	3 36	23 25	0 30	22 20	1 16	19 20	0 29	24 58	1 23	18 28	0 29	24 25	0 47	23 9	0 19	10 51	10 3	3 59	4 6	6 3			n.a.
T 31	23s46	6n11	2s37	22s57	0s20	22s 3	1s14	19s33	0s30	24n57	1n23	18s29	0n29	24n26	0n47	23n 9	0n19	10n51	10n 3	3s57	4s 5	6s 1			n.a.

Julian Day Number = 200156.5, Delta T = 32h11m44s
Ecliptic obliquity = 24°06'42, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'38, Lahiri = -61°10'37 Julian Calendar 1 Jan. 4165 BCE == Greg. Calendar 29 Nov. 4166 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

FEBRUARY 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 33 2	10♉22'02	22♍52	21♉37	0♒39	23♏54	18°R11	22♏47	10°R54	11°R46	25°R53	9°R40	9♎59	8♓56	n.a.	W 1
T 2	6 36 59	11°20'44	7♎ 0	23°34	1°53	24°40	18♊ 4	22°53	10♋51	11♊44	25♍53	9♎40	9°55	9° 3	n.a.	T 2
F 3	6 40 55	12°19'24	20°53	25°29	3° 7	25°26	17°57	22°58	10°49	11°43	25°53	9°39	9°52	9°10	n.a.	F 3
S 4	6 44 52	13°18'02	4♏34	27°22	4°20	26°12	17°51	23° 4	10°46	11°42	25°53	9°38	9°49	9°16	n.a.	S 4
S 5	6 48 48	14°16'38	18° 2	29°12	5°33	26°57	17°45	23° 9	10°44	11°40	25°52	9°35	9°46	9°23	n.a.	S 5
M 6	6 52 45	15°15'12	1♐19	0♒58	6°47	27°43	17°38	23°15	10°41	11°39	25°52	9°29	9°43	9°30	n.a.	M 6
T 7	6 56 41	16°13'44	14°24	2°41	8° 0	28°29	17°32	23°20	10°38	11°38	25°52	9°21	9°40	9°36	n.a.	T 7
W 8	7 0 38	17°12'14	27°17	4°20	9°14	29°15	17°26	23°26	10°36	11°36	25°52	9° 9	9°36	9°43	n.a.	W 8
T 9	7 4 35	18°10'42	9♉59	5°55	10°27	0♐ 1	17°20	23°31	10°33	11°35	25°51	8°56	9°33	9°50	n.a.	T 9
F 10	7 8 31	19° 9'08	22°30	7°26	11°40	0°47	17°15	23°36	10°31	11°34	25°51	8°43	9°30	9°56	n.a.	F 10
S 11	7 12 28	20° 7'32	4♒48	8°52	12°54	1°32	17° 9	23°41	10°28	11°33	25°51	8°30	9°27	10° 3	n.a.	S 11
S 12	7 16 24	21° 5'54	16°56	10°13	14° 7	2°18	17° 4	23°47	10°26	11°31	25°50	8°19	9°24	10°10	n.a.	S 12
M13	7 20 21	22° 4'13	28°54	11°29	15°20	3° 4	16°58	23°52	10°23	11°30	25°50	8°11	9°21	10°16	n.a.	M13
T 14	7 24 17	23° 2'31	10♓45	12°40	16°33	3°50	16°53	23°57	10°21	11°29	25°49	8° 5	9°17	10°23	n.a.	T 14
W15	7 28 14	24° 0'46	22°32	13°46	17°46	4°35	16°48	24° 1	10°18	11°28	25°49	8° 2	9°14	10°30	n.a.	W15
T 16	7 32 10	24°58'58	4♈20	14°46	18°59	5°21	16°43	24° 6	10°16	11°27	25°48	8°D 1	9°11	10°36	n.a.	T 16
F 17	7 36 7	25°57'09	16°14	15°41	20°12	6° 6	16°39	24°11	10°13	11°26	25°48	8° 1	9° 8	10°43	n.a.	F 17
S 18	7 40 3	26°55'17	28°19	16°30	21°25	6°52	16°34	24°16	10°11	11°25	25°47	8°R 1	9° 5	10°50	n.a.	S 18
S 19	7 44 0	27°53'23	10♉40	17°13	22°38	7°38	16°30	24°20	10° 8	11°24	25°47	8° 1	9° 1	10°56	n.a.	S 19
M20	7 47 56	28°51'27	23°23	17°51	23°51	8°23	16°25	24°25	10° 6	11°23	25°46	7°58	8°58	11° 3	n.a.	M20
T 21	7 51 53	29°49'29	6♊31	18°23	25° 4	9° 9	16°21	24°29	10° 4	11°22	25°45	7°53	8°55	11°10	n.a.	T 21
W22	7 55 49	0♒47'28	20° 7	18°49	26°17	9°54	16°17	24°34	10° 1	11°21	25°45	7°46	8°52	11°16	n.a.	W22
T 23	7 59 46	1°45'26	4♋11	19° 9	27°30	10°39	16°14	24°38	9°59	11°20	25°44	7°37	8°49	11°23	n.a.	T 23
F 24	8 3 42	2°43'21	18°40	19°24	28°42	11°25	16°10	24°42	9°57	11°19	25°43	7°27	8°46	11°30	n.a.	F 24
S 25	8 7 39	3°41'15	3♌28	19°33	29°55	12°10	16° 7	24°46	9°54	11°18	25°42	7°18	8°42	11°36	n.a.	S 25
S 26	8 11 36	4°39'07	18°27	19°R36	1♓ 8	12°55	16° 4	24°50	9°52	11°17	25°41	7°10	8°39	11°43	n.a.	S 26
M27	8 15 32	5°36'57	3♍27	19°34	2°20	13°41	16° 1	24°54	9°50	11°16	25°41	7° 4	8°36	11°50	n.a.	M27
T 28	8 19 29	6°34'45	18°20	19°27	3°33	14°26	15°58	24°58	9°48	11°15	25°40	7° 0	8°33	11°56	n.a.	T 28
W29	8 23 25	7♒32'32	2♎59	19♒14	4♓45	15♐11	15♊55	25♏ 2	9♋45	11♊15	25♍39	6°D59	8♎30	12♓ 3	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s41	1n34	1s28	22s28	0s 9	21s46	1s13	19s46	0s31	24n56	1n23	18s31	0n29	24n26	0n47	23n 9	0n19	10n51	10n 4	3s56	4s 4	5s59		n.a.
T 2	23 37	3s 4	0 14	21 57	0n 3	21 28	1 12	19 59	0 32	24 56	1 23	18 32	0 29	24 26	0 47	23 9	0 19	10 51	10 4	3 56	4 2	5 57		n.a.
F 3	23 31	7 28	0n59	21 24	0 14	21 9	1 10	20 11	0 33	24 55	1 23	18 34	0 29	24 26	0 47	23 9	0 19	10 52	10 4	3 56	4 1	5 56		n.a.
S 4	23 25	11 24	2 8	20 50	0 26	20 49	1 9	20 23	0 34	24 55	1 23	18 36	0 29	24 27	0 47	23 8	0 19	10 52	10 4	3 55	4 0	5 54		n.a.
S 5	23 19	14 41	3 8	20 16	0 39	20 30	1 7	20 35	0 35	24 54	1 23	18 37	0 29	24 27	0 47	23 8	0 19	10 52	10 5	3 54	3 58	5 52		n.a.
M 6	23 12	17 8	3 57	19 41	0 51	20 9	1 5	20 47	0 35	24 53	1 23	18 38	0 29	24 27	0 47	23 8	0 19	10 53	10 5	3 52	3 57	5 50		n.a.
T 7	23 5	18 39	4 33	19 5	1 3	19 48	1 4	20 58	0 36	24 53	1 23	18 40	0 29	24 27	0 47	23 8	0 19	10 53	10 5	3 48	3 56	5 48		n.a.
W 8	22 58	19 11	4 54	18 29	1 16	19 26	1 2	21 10	0 37	24 52	1 23	18 41	0 29	24 27	0 47	23 8	0 19	10 53	10 5	3 44	3 55	5 46		n.a.
T 9	22 50	18 44	5 1	17 54	1 28	19 4	1 0	21 21	0 38	24 52	1 23	18 43	0 29	24 28	0 47	23 8	0 19	10 54	10 5	3 38	3 53	5 44		n.a.
F 10	22 42	17 22	4 52	17 19	1 40	18 42	0 58	21 32	0 39	24 51	1 23	18 44	0 29	24 28	0 47	23 7	0 19	10 54	10 6	3 33	3 52	5 43		n.a.
S 11	22 33	15 14	4 30	16 45	1 52	18 19	0 56	21 42	0 40	24 50	1 23	18 45	0 29	24 28	0 47	23 7	0 19	10 54	10 6	3 28	3 51	5 41		n.a.
S 12	22 24	12 27	3 56	16 12	2 3	17 55	0 54	21 53	0 41	24 50	1 22	18 47	0 29	24 28	0 47	23 7	0 19	10 55	10 6	3 23	3 49	5 39		n.a.
M13	22 15	9 12	3 12	15 40	2 14	17 31	0 52	22 3	0 42	24 49	1 22	18 48	0 29	24 28	0 47	23 7	0 19	10 55	10 6	3 20	3 48	5 37		n.a.
T 14	22 5	5 36	2 20	15 10	2 25	17 7	0 50	22 13	0 43	24 49	1 22	18 49	0 29	24 29	0 47	23 7	0 19	10 55	10 6	3 18	3 47	5 35		n.a.
W15	21 54	1 48	1 21	14 42	2 35	16 42	0 48	22 22	0 44	24 48	1 22	18 51	0 28	24 29	0 47	23 7	0 19	10 56	10 7	3 16	3 46	5 33		n.a.
T 16	21 44	2n 4	0 20	14 15	2 44	16 16	0 46	22 32	0 45	24 48	1 22	18 52	0 28	24 29	0 47	23 6	0 19	10 56	10 7	3 16	3 44	5 31		n.a.
F 17	21 33	5 53	0s44	13 50	2 53	15 50	0 43	22 41	0 46	24 47	1 22	18 53	0 28	24 29	0 47	23 6	0 19	10 57	10 7	3 16	3 43	5 30		n.a.
S 18	21 22	9 32	1 46	13 28	3 1	15 24	0 41	22 50	0 47	24 46	1 22	18 54	0 28	24 29	0 47	23 6	0 19	10 57	10 7	3 16	3 42	5 28		n.a.
S 19	21 10	12 50	2 45	13 8	3 8	14 58	0 39	22 59	0 48	24 46	1 22	18 56	0 28	24 30	0 47	23 6	0 19	10 57	10 7	3 16	3 40	5 26		n.a.
M20	20 58	15 38	3 37	12 51	3 14	14 31	0 36	23 7	0 49	24 45	1 22	18 57	0 28	24 30	0 47	23 6	0 19	10 58	10 8	3 15	3 39	5 24		n.a.
T 21	20 45	17 44	4 20	12 36	3 19	14 4	0 34	23 15	0 50	24 45	1 22	18 58	0 28	24 30	0 47	23 6	0 19	10 58	10 8	3 13	3 38	5 22		n.a.
W22	20 33	18 55	4 50	12 24	3 23	13 36	0 32	23 23	0 51	24 44	1 22	18 59	0 28	24 30	0 47	23 6	0 19	10 59	10 8	3 10	3 37	5 20		n.a.
T 23	20 19	19 0	5 3	12 14	3 26	13 8	0 29	23 31	0 51	24 44	1 22	19 0	0 28	24 30	0 47	23 5	0 20	10 59	10 8	3 6	3 35	5 18		n.a.
F 24	20 6	17 51	4 58	12 8	3 28	12 40	0 26	23 39	0 52	24 43	1 22	19 1	0 28	24 30	0 47	23 5	0 20	11 0	10 8	3 2	3 34	5 16		n.a.
S 25	19 52	15 30	4 33	12 4	3 29	12 11	0 24	23 46	0 53	24 43	1 22	19 2	0 28	24 31	0 47	23 5	0 20	11 0	10 9	2 58	3 33	5 15		n.a.
S 26	19 38	12 6	3 49	12 4	3 28	11 42	0 21	23 53	0 54	24 43	1 22	19 3	0 28	24 31	0 47	23 5	0 20	11 1	10 9	2 55	3 31	5 13		n.a.
M27	19 24	7 54	2 49	12 6	3 27	11 13	0 19	24 0	0 55	24 42	1 21	19 5	0 28	24 31	0 47	23 5	0 20	11 1	10 9	2 53	3 30	5 11		n.a.
T 28	19 9	3 14	1 38	12 11	3 23	10 44	0 16	24 6	0 56	24 42	1 21	19 6	0 28	24 31	0 47	23 5	0 20	11 2	10 9	2 51	3 29	5 9		n.a.
W29	18s54	1s33	0s21	12s20	3n19	10s14	0s13	24s12	0s57	24n41	1n21	19s 6	0n28	24n31	0n47	23n 5	0n20	11n 2	10n 9	2s51	3s28	5s 7		n.a.

Julian Day Number = 200187.5, Delta T = 32h11m41s
Ecliptic obliquity = 24°06'42, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'33, Lahiri = -61°10'33 Julian Calendar 1 Feb. 4165 BCE == Greg. Calendar 30 Dec. 4166 BCE

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

MARCH 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 27 22	8♒30'17	17♎19	18°R57	5♓58	15♐56	15°R53	25♏ 6	9°R43	11°R14	25°R38	6♎59	8♎26	12♓10	n.a.	T 1
F 2	8 31 18	9°28'01	1♏19	18♒36	7°10	16°42	15♊50	25° 9	9♋41	11♊13	25♍37	7° 0	8°23	12°16	n.a.	F 2
S 3	8 35 15	10°25'43	14°59	18°11	8°23	17°27	15°48	25°13	9°39	11°13	25°36	7°R 0	8°20	12°23	n.a.	S 3
S 4	8 39 11	11°23'25	28°21	17°43	9°35	18°12	15°46	25°16	9°37	11°12	25°35	6°58	8°17	12°30	n.a.	S 4
M 5	8 43 8	12°21'05	11♐25	17°11	10°47	18°57	15°44	25°20	9°35	11°11	25°34	6°55	8°14	12°36	n.a.	M 5
T 6	8 47 4	13°18'43	24°15	16°38	11°59	19°42	15°43	25°23	9°33	11°11	25°33	6°49	8°11	12°43	n.a.	T 6
W 7	8 51 1	14°16'21	6♑51	16° 2	13°12	20°27	15°41	25°26	9°31	11°10	25°32	6°41	8° 7	12°50	n.a.	W 7
T 8	8 54 57	15°13'56	19°16	15°26	14°24	21°12	15°40	25°29	9°29	11°10	25°31	6°32	8° 4	12°56	n.a.	T 8
F 9	8 58 54	16°11'31	1♒31	14°49	15°36	21°56	15°39	25°32	9°27	11° 9	25°30	6°23	8° 1	13° 3	n.a.	F 9
S 10	9 2 51	17° 9'04	13°37	14°12	16°48	22°41	15°38	25°35	9°25	11° 9	25°28	6°14	7°58	13°10	n.a.	S 10
S 11	9 6 47	18° 6'35	25°35	13°37	18° 0	23°26	15°37	25°38	9°23	11° 8	25°27	6° 6	7°55	13°16	n.a.	S 11
M12	9 10 44	19° 4'06	7♓27	13° 2	19°12	24°11	15°37	25°41	9°22	11° 8	25°26	6° 1	7°52	13°23	n.a.	M12
T 13	9 14 40	20° 1'34	19°15	12°30	20°24	24°55	15°37	25°43	9°20	11° 7	25°25	5°57	7°48	13°30	n.a.	T 13
W14	9 18 37	20°59'01	1♈ 2	12° 0	21°36	25°40	15°D37	25°46	9°18	11° 7	25°24	5°D55	7°45	13°36	n.a.	W14
T 15	9 22 33	21°56'27	12°51	11°34	22°47	26°24	15°37	25°49	9°16	11° 7	25°22	5°56	7°42	13°43	n.a.	T 15
F 16	9 26 30	22°53'51	24°45	11°10	23°59	27° 9	15°37	25°51	9°15	11° 6	25°21	5°57	7°39	13°50	n.a.	F 16
S 17	9 30 26	23°51'13	6♉50	10°51	25°11	27°53	15°37	25°53	9°13	11° 6	25°20	5°58	7°36	13°56	n.a.	S 17
S 18	9 34 23	24°48'34	19°11	10°35	26°22	28°38	15°38	25°55	9°12	11° 6	25°19	5°R59	7°32	14° 3	n.a.	S 18
M19	9 38 19	25°45'54	1♊51	10°23	27°34	29°22	15°39	25°57	9°10	11° 6	25°17	5°59	7°29	14°10	n.a.	M19
T 20	9 42 16	26°43'12	14°56	10°16	28°45	0♑ 6	15°40	25°59	9° 9	11° 5	25°16	5°58	7°26	14°16	n.a.	T 20
W21	9 46 13	27°40'29	28°28	10°D14	29°57	0°50	15°41	26° 1	9° 7	11° 5	25°15	5°55	7°23	14°23	n.a.	W21
T 22	9 50 9	28°37'44	12♋29	10°15	1♈ 8	1°35	15°42	26° 3	9° 6	11° 5	25°13	5°50	7°20	14°30	n.a.	T 22
F 23	9 54 6	29°34'58	26°57	10°22	2°19	2°19	15°44	26° 5	9° 5	11° 5	25°12	5°45	7°17	14°36	n.a.	F 23
S 24	9 58 2	0♓32'11	11♌48	10°33	3°31	3° 3	15°45	26° 7	9° 3	11° 5	25°10	5°40	7°13	14°43	n.a.	S 24
S 25	10 1 59	1°29'23	26°54	10°48	4°42	3°47	15°47	26° 8	9° 2	11°D 5	25° 9	5°36	7°10	14°49	n.a.	S 25
M26	10 5 55	2°26'33	12♍ 6	11° 8	5°53	4°31	15°49	26° 9	9° 1	11° 5	25° 8	5°33	7° 7	14°56	n.a.	M26
T 27	10 9 52	3°23'43	27°15	11°32	7° 4	5°14	15°51	26°11	9° 0	11° 5	25° 6	5°31	7° 4	15° 3	n.a.	T 27
W28	10 13 48	4°20'52	12♎10	12° 1	8°15	5°58	15°54	26°12	8°58	11° 5	25° 5	5°D31	7° 1	15° 9	n.a.	W28
T 29	10 17 45	5°18'00	26°47	12°33	9°26	6°42	15°56	26°13	8°57	11° 5	25° 3	5°32	6°57	15°16	n.a.	T 29
F 30	10 21 42	6°15'08	10♏59	13°10	10°36	7°26	15°59	26°14	8°56	11° 6	25° 2	5°33	6°54	15°23	n.a.	F 30
S 31	10 25 38	7♓12'15	24♏47	13♒51	11♈47	8♑ 9	16♊ 2	26♏15	8♋55	11♊ 6	25♍ 0	5♎35	6♎51	15♓29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	18s38	6s 8	0n55	12s30	3n13	9s44	0s10	24s18	0s58	24n41	1n21	19s 7	0n28	24n31	0n47	23n 5	0n20	11n 3	10n 9	2s51	3s26	5s 5			n.a.
F 2	18 23	10 17	2 7	12 44	3 6	9 14	0 8	24 24	0 59	24 41	1 21	19 8	0 28	24 32	0 47	23 5	0 20	11 3	10 10	2 51	3 25	5 3			n.a.
S 3	18 7	13 47	3 9	13 0	2 57	8 44	0 5	24 30	1 0	24 40	1 21	19 9	0 28	24 32	0 47	23 4	0 20	11 4	10 10	2 51	3 24	5 2			n.a.
S 4	17 51	16 27	4 0	13 18	2 48	8 13	0 2	24 35	1 1	24 40	1 21	19 10	0 28	24 32	0 47	23 4	0 20	11 4	10 10	2 51	3 22	5 0			n.a.
M 5	17 34	18 13	4 37	13 38	2 37	7 43	0n 1	24 40	1 2	24 40	1 21	19 11	0 28	24 32	0 47	23 4	0 20	11 5	10 10	2 49	3 21	4 58			n.a.
T 6	17 17	19 0	4 59	14 0	2 25	7 12	0 4	24 44	1 3	24 39	1 21	19 12	0 28	24 32	0 47	23 4	0 20	11 5	10 10	2 47	3 20	4 56			n.a.
W 7	17 0	18 50	5 7	14 23	2 11	6 41	0 7	24 49	1 4	24 39	1 20	19 13	0 28	24 32	0 47	23 4	0 20	11 6	10 10	2 44	3 19	4 54			n.a.
T 8	16 43	17 45	4 59	14 48	1 57	6 10	0 10	24 53	1 4	24 39	1 20	19 14	0 28	24 32	0 47	23 4	0 20	11 7	10 10	2 40	3 17	4 52			n.a.
F 9	16 25	15 52	4 38	15 13	1 43	5 38	0 13	24 57	1 5	24 39	1 20	19 14	0 27	24 33	0 47	23 4	0 20	11 7	10 11	2 36	3 16	4 50			n.a.
S 10	16 8	13 18	4 4	15 38	1 27	5 7	0 16	25 0	1 6	24 38	1 20	19 15	0 27	24 33	0 47	23 4	0 20	11 8	10 11	2 33	3 15	4 48			n.a.
S 11	15 50	10 13	3 20	16 4	1 11	4 35	0 18	25 4	1 7	24 38	1 20	19 16	0 27	24 33	0 47	23 4	0 20	11 8	10 11	2 29	3 13	4 47			n.a.
M12	15 31	6 44	2 28	16 30	0 55	4 4	0 21	25 7	1 8	24 38	1 20	19 17	0 27	24 33	0 47	23 4	0 20	11 9	10 11	2 27	3 12	4 45			n.a.
T 13	15 13	3 1	1 29	16 55	0 39	3 32	0 24	25 10	1 9	24 38	1 20	19 17	0 27	24 33	0 47	23 4	0 20	11 10	10 11	2 26	3 11	4 43			n.a.
W14	14 54	0n50	0 27	17 19	0 22	3 0	0 27	25 12	1 10	24 38	1 20	19 18	0 27	24 33	0 47	23 4	0 20	11 10	10 11	2 25	3 10	4 41			n.a.
T 15	14 35	4 38	0s38	17 42	0 6	2 29	0 30	25 14	1 11	24 38	1 19	19 19	0 27	24 33	0 47	23 4	0 20	11 11	10 11	2 25	3 8	4 39			n.a.
F 16	14 16	8 18	1 41	18 4	0s10	1 57	0 33	25 17	1 12	24 37	1 19	19 19	0 27	24 33	0 47	23 4	0 20	11 11	10 11	2 25	3 7	4 37			n.a.
S 17	13 57	11 40	2 40	18 24	0 25	1 25	0 36	25 18	1 13	24 37	1 19	19 20	0 27	24 33	0 47	23 4	0 20	11 12	10 11	2 26	3 6	4 35			n.a.
S 18	13 37	14 35	3 34	18 43	0 41	0 53	0 39	25 20	1 14	24 37	1 19	19 20	0 27	24 33	0 47	23 4	0 20	11 13	10 12	2 27	3 4	4 33			n.a.
M19	13 17	16 54	4 18	19 1	0 55	0 21	0 42	25 21	1 14	24 37	1 19	19 21	0 27	24 34	0 47	23 4	0 20	11 13	10 12	2 27	3 3	4 32			n.a.
T 20	12 57	18 25	4 51	19 16	1 9	0n11	0 45	25 22	1 15	24 37	1 19	19 21	0 27	24 34	0 47	23 4	0 20	11 14	10 12	2 26	3 2	4 30			n.a.
W21	12 37	18 57	5 9	19 29	1 22	0 43	0 48	25 23	1 16	24 37	1 19	19 22	0 27	24 34	0 46	23 4	0 20	11 14	10 12	2 25	3 1	4 28			n.a.
T 22	12 17	18 22	5 10	19 41	1 34	1 15	0 51	25 23	1 17	24 37	1 19	19 22	0 27	24 34	0 46	23 4	0 20	11 15	10 12	2 23	2 59	4 26			n.a.
F 23	11 56	16 36	4 51	19 50	1 46	1 46	0 54	25 23	1 18	24 37	1 18	19 23	0 27	24 34	0 46	23 4	0 20	11 16	10 12	2 21	2 58	4 24			n.a.
S 24	11 35	13 42	4 12	19 57	1 57	2 18	0 57	25 23	1 19	24 37	1 18	19 23	0 27	24 34	0 46	23 4	0 20	11 16	10 12	2 19	2 57	4 22			n.a.
S 25	11 15	9 50	3 16	20 2	2 6	2 50	1 0	25 23	1 20	24 37	1 18	19 24	0 27	24 34	0 46	23 4	0 20	11 17	10 12	2 17	2 55	4 20			n.a.
M26	10 54	5 18	2 5	20 5	2 15	3 22	1 3	25 22	1 21	24 37	1 18	19 24	0 27	24 34	0 46	23 4	0 20	11 17	10 12	2 16	2 54	4 18			n.a.
T 27	10 32	0 26	0 45	20 6	2 23	3 53	1 6	25 22	1 21	24 38	1 18	19 24	0 27	24 34	0 46	23 4	0 20	11 18	10 12	2 15	2 53	4 17			n.a.
W28	10 11	4s23	0n36	20 4	2 31	4 25	1 9	25 21	1 22	24 38	1 18	19 25	0 27	24 34	0 46	23 4	0 20	11 19	10 12	2 15	2 51	4 15			n.a.
T 29	9 50	8 50	1 54	20 1	2 37	4 56	1 12	25 19	1 23	24 38	1 18	19 25	0 27	24 34	0 46	23 4	0 20	11 19	10 12	2 15	2 50	4 13			n.a.
F 30	9 28	12 39	3 3	19 55	2 42	5 27	1 15	25 18	1 24	24 38	1 17	19 25	0 27	24 34	0 46	23 4	0 20	11 20	10 12	2 16	2 49	4 11			n.a.
S 31	9s 6	15s39	3n58	19s47	2s47	5n58	1n17	25s16	1s25	24n38	1n17	19s26	0n27	24n34	0n46	23n 4	0n20	11n21	10n12	2s16	2s48	4s 9			n.a.

Julian Day Number = 200216.5, Delta T = 32h11m38s
Ecliptic obliquity = 24°06'42, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'29, Lahiri = -61°10'29 Julian Calendar 1 March 4165 BCE == Greg. Calendar 28 Jan. 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

APRIL 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 29 35	8♓ 9'21	8♐11	14♒36	12♈58	8♑53	16♊ 5	26♏16	8°R55	11♊ 6	24°R59	5°R35	6♎48	15♓36	n.a.	S 1
M 2	10 33 31	9° 6'27	21°13	15°24	14° 9	9°36	16° 8	26°17	8♋54	11° 6	24♍57	5♎34	6°45	15°43	n.a.	M 2
T 3	10 37 28	10° 3'33	3♑56	16°16	15°19	10°20	16°12	26°17	8°53	11° 7	24°56	5°33	6°42	15°49	n.a.	T 3
W 4	10 41 24	11° 0'38	16°23	17°12	16°30	11° 3	16°15	26°18	8°52	11° 7	24°54	5°30	6°38	15°56	n.a.	W 4
T 5	10 45 21	11°57'43	28°37	18°11	17°40	11°46	16°19	26°18	8°51	11° 7	24°53	5°27	6°35	16° 3	n.a.	T 5
F 6	10 49 17	12°54'47	10♒41	19°14	18°50	12°29	16°23	26°19	8°51	11° 8	24°51	5°23	6°32	16° 9	n.a.	F 6
S 7	10 53 14	13°51'51	22°37	20°20	20° 1	13°13	16°27	26°19	8°50	11° 8	24°50	5°19	6°29	16°16	n.a.	S 7
S 8	10 57 11	14°48'55	4♓28	21°30	21°11	13°56	16°31	26°19	8°49	11° 9	24°48	5°17	6°26	16°23	n.a.	S 8
M 9	11 1 7	15°45'58	16°16	22°42	22°21	14°39	16°35	26°R19	8°49	11° 9	24°46	5°14	6°23	16°29	n.a.	M 9
T 10	11 5 4	16°43'00	28° 3	23°58	23°31	15°21	16°40	26°19	8°48	11°10	24°45	5°13	6°19	16°36	n.a.	T 10
W11	11 9 0	17°40'02	9♈52	25°17	24°41	16° 4	16°45	26°19	8°48	11°10	24°43	5°D13	6°16	16°43	n.a.	W11
T 12	11 12 57	18°37'03	21°45	26°39	25°51	16°47	16°49	26°19	8°48	11°11	24°42	5°14	6°13	16°49	n.a.	T 12
F 13	11 16 53	19°34'04	3♉45	28° 4	27° 1	17°30	16°54	26°18	8°47	11°11	24°40	5°15	6°10	16°56	n.a.	F 13
S 14	11 20 50	20°31'04	15°55	29°33	28°10	18°12	17° 0	26°18	8°47	11°12	24°38	5°16	6° 7	17° 3	n.a.	S 14
S 15	11 24 47	21°28'04	28°19	1♓ 4	29°20	18°55	17° 5	26°17	8°47	11°13	24°37	5°18	6° 3	17° 9	n.a.	S 15
M16	11 28 43	22°25'04	11♊ 0	2°38	0♉30	19°37	17°10	26°17	8°47	11°13	24°35	5°18	6° 0	17°16	n.a.	M16
T 17	11 32 40	23°22'03	24° 2	4°15	1°39	20°19	17°16	26°16	8°47	11°14	24°34	5°R19	5°57	17°23	n.a.	T 17
W18	11 36 36	24°19'01	7♋29	5°55	2°49	21° 2	17°22	26°15	8°D47	11°15	24°32	5°18	5°54	17°29	n.a.	W18
T 19	11 40 33	25°15'59	21°21	7°38	3°58	21°44	17°28	26°14	8°47	11°16	24°30	5°18	5°51	17°36	n.a.	T 19
F 20	11 44 29	26°12'57	5♌39	9°24	5° 7	22°26	17°34	26°13	8°47	11°16	24°29	5°17	5°48	17°43	n.a.	F 20
S 21	11 48 26	27° 9'54	20°19	11°12	6°16	23° 8	17°40	26°12	8°47	11°17	24°27	5°16	5°44	17°49	n.a.	S 21
S 22	11 52 23	28° 6'51	5♍18	13° 4	7°25	23°50	17°46	26°10	8°47	11°18	24°26	5°15	5°41	17°56	n.a.	S 22
M23	11 56 19	29° 3'47	20°27	14°58	8°34	24°31	17°53	26° 9	8°47	11°19	24°24	5°15	5°38	18° 2	n.a.	M23
T 24	12 0 16	0♈ 0'44	5♎38	16°54	9°43	25°13	17°59	26° 8	8°47	11°20	24°22	5°D14	5°35	18° 9	n.a.	T 24
W25	12 4 12	0°57'41	20°40	18°52	10°51	25°55	18° 6	26° 6	8°48	11°21	24°21	5°15	5°32	18°16	n.a.	W25
T 26	12 8 9	1°54'38	5♏26	20°53	12° 0	26°36	18°13	26° 5	8°48	11°22	24°19	5°15	5°28	18°22	n.a.	T 26
F 27	12 12 5	2°51'35	19°50	22°56	13° 8	27°18	18°20	26° 3	8°48	11°23	24°18	5°15	5°25	18°29	n.a.	F 27
S 28	12 16 2	3°48'33	3♐48	25° 1	14°17	27°59	18°27	26° 1	8°49	11°24	24°16	5°15	5°22	18°36	n.a.	S 28
S 29	12 19 59	4°45'31	17°19	27° 7	15°25	28°40	18°34	25°59	8°49	11°25	24°15	5°15	5°19	18°42	n.a.	S 29
M30	12 23 55	5♈42'30	0♑25	29♓14	16♉33	29♑21	18♊42	25♏57	8♋50	11♊26	24♍13	5♎15	5♎16	18♓49	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s44	17s42	4n39	19s37	2s51	6n29	1n20	25s14	1s26	24n38	1n17	19s26	0n26	24n34	0n46	23n 4	0n20	11n21	10n12	2s17	2s46	4s 7		n.a.
M 2	8 23	18 45	5 5	19 25	2 53	7 0	1 23	25 11	1 26	24 39	1 17	19 26	0 26	24 34	0 46	23 4	0 20	11 22	10 12	2 16	2 45	4 5		n.a.
T 3	8 0	18 49	5 14	19 11	2 56	7 30	1 26	25 9	1 27	24 39	1 17	19 26	0 26	24 34	0 46	23 4	0 20	11 22	10 12	2 16	2 44	4 3		n.a.
W 4	7 38	17 58	5 9	18 55	2 57	8 1	1 28	25 6	1 28	24 39	1 17	19 27	0 26	24 34	0 46	23 4	0 20	11 23	10 12	2 15	2 42	4 1		n.a.
T 5	7 16	16 18	4 49	18 36	2 57	8 31	1 31	25 3	1 29	24 39	1 17	19 27	0 26	24 34	0 46	23 4	0 20	11 24	10 12	2 13	2 41	4 0		n.a.
F 6	6 54	13 56	4 17	18 16	2 57	9 1	1 33	25 0	1 30	24 40	1 16	19 27	0 26	24 34	0 46	23 4	0 20	11 24	10 12	2 12	2 40	3 58		n.a.
S 7	6 31	11 0	3 34	17 53	2 56	9 31	1 36	24 56	1 31	24 40	1 16	19 27	0 26	24 34	0 46	23 4	0 20	11 25	10 12	2 10	2 39	3 56		n.a.
S 8	6 9	7 38	2 42	17 28	2 54	10 0	1 38	24 53	1 31	24 40	1 16	19 27	0 26	24 34	0 46	23 4	0 20	11 25	10 12	2 9	2 37	3 54		n.a.
M 9	5 46	3 59	1 43	17 1	2 51	10 29	1 41	24 49	1 32	24 41	1 16	19 27	0 26	24 34	0 46	23 4	0 20	11 26	10 12	2 8	2 36	3 52		n.a.
T 10	5 23	0 11	0 40	16 32	2 48	10 58	1 43	24 44	1 33	24 41	1 16	19 27	0 26	24 34	0 46	23 4	0 20	11 27	10 12	2 8	2 35	3 50		n.a.
W11	5 0	3n37	0s26	16 1	2 44	11 27	1 46	24 40	1 34	24 41	1 16	19 27	0 26	24 34	0 46	23 4	0 20	11 27	10 12	2 8	2 33	3 48		n.a.
T 12	4 37	7 19	1 30	15 28	2 40	11 56	1 48	24 35	1 35	24 42	1 16	19 27	0 26	24 34	0 46	23 4	0 20	11 28	10 12	2 8	2 32	3 46		n.a.
F 13	4 14	10 45	2 32	14 53	2 34	12 24	1 50	24 30	1 35	24 42	1 16	19 27	0 26	24 34	0 46	23 4	0 20	11 28	10 12	2 9	2 31	3 45		n.a.
S 14	3 52	13 46	3 27	14 16	2 29	12 52	1 52	24 25	1 36	24 42	1 15	19 27	0 26	24 34	0 46	23 5	0 20	11 29	10 12	2 9	2 30	3 43		n.a.
S 15	3 28	16 13	4 14	13 36	2 22	13 19	1 55	24 20	1 37	24 43	1 15	19 27	0 26	24 34	0 46	23 5	0 20	11 30	10 12	2 10	2 28	3 41		n.a.
M16	3 5	17 57	4 50	12 55	2 15	13 47	1 57	24 15	1 38	24 43	1 15	19 27	0 26	24 34	0 46	23 5	0 20	11 30	10 12	2 10	2 27	3 39		n.a.
T 17	2 42	18 47	5 11	12 12	2 8	14 13	1 59	24 9	1 39	24 44	1 15	19 27	0 26	24 34	0 46	23 5	0 20	11 31	10 11	2 10	2 26	3 37		n.a.
W18	2 19	18 37	5 17	11 26	1 59	14 40	2 1	24 3	1 39	24 44	1 15	19 27	0 26	24 34	0 46	23 5	0 20	11 31	10 11	2 10	2 24	3 35		n.a.
T 19	1 56	17 20	5 5	10 39	1 51	15 6	2 2	23 57	1 40	24 45	1 15	19 26	0 26	24 34	0 46	23 5	0 20	11 32	10 11	2 10	2 23	3 33		n.a.
F 20	1 33	14 58	4 34	9 50	1 42	15 32	2 4	23 51	1 41	24 45	1 15	19 26	0 25	24 34	0 46	23 5	0 20	11 33	10 11	2 9	2 22	3 31		n.a.
S 21	1 9	11 34	3 45	8 59	1 32	15 57	2 6	23 44	1 42	24 45	1 15	19 26	0 25	24 34	0 46	23 5	0 20	11 33	10 11	2 9	2 20	3 29		n.a.
S 22	0 46	7 22	2 39	8 6	1 23	16 22	2 8	23 37	1 42	24 46	1 14	19 26	0 25	24 34	0 45	23 5	0 20	11 34	10 11	2 9	2 19	3 28		n.a.
M23	0 23	2 39	1 21	7 12	1 12	16 47	2 9	23 30	1 43	24 46	1 14	19 25	0 25	24 34	0 45	23 6	0 20	11 34	10 11	2 8	2 18	3 26		n.a.
T 24	0n 0	2s16	0n 2	6 16	1 2	17 11	2 11	23 23	1 44	24 47	1 14	19 25	0 25	24 34	0 45	23 6	0 20	11 35	10 11	2 8	2 17	3 24		n.a.
W25	0 24	6 59	1 25	5 18	0 51	17 35	2 12	23 16	1 45	24 47	1 14	19 25	0 25	24 34	0 45	23 6	0 20	11 35	10 11	2 8	2 15	3 22		n.a.
T 26	0 47	11 11	2 40	4 20	0 41	17 58	2 13	23 9	1 45	24 48	1 14	19 24	0 25	24 34	0 45	23 6	0 20	11 36	10 10	2 8	2 14	3 20		n.a.
F 27	1 10	14 36	3 44	3 20	0 30	18 21	2 15	23 1	1 46	24 49	1 14	19 24	0 25	24 34	0 45	23 6	0 20	11 36	10 10	2 9	2 13	3 18		n.a.
S 28	1 33	17 4	4 32	2 19	0 19	18 44	2 16	22 53	1 47	24 49	1 14	19 24	0 25	24 34	0 45	23 6	0 20	11 37	10 10	2 9	2 11	3 16		n.a.
S 29	1 57	18 28	5 3	1 18	0 8	19 5	2 17	22 45	1 47	24 50	1 14	19 23	0 25	24 34	0 45	23 6	0 20	11 37	10 10	2 9	2 10	3 14		n.a.
M30	2n20	18s50	5n17	0s16	0n 3	19n27	2n18	22s37	1s48	24n50	1n13	19s23	0n25	24n34	0n45	23n 7	0n20	11n38	10n10	2s 9	2s 9	3s12		n.a.

Julian Day Number = 200247.5, Delta T = 32h11m35s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'25, Lahiri = -61°10'25 Julian Calendar 1 Apr. 4165 BCE == Greg. Calendar 28 Feb. 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

MAY 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 27 52	6♈39'29	13♉ 8	1♈22	17♉41	0♒ 2	18♊49	25°R55	8♋51	11♊27	24°R11	5♎15	5♎13	18♓56	n.a.	T 1
W 2	12 31 48	7°36'29	25°32	3°31	18°49	0°43	18°57	25♏53	8°51	11°29	24♍10	5°15	5° 9	19° 2	n.a.	W 2
T 3	12 35 45	8°33'30	7♒41	5°41	19°57	1°24	19° 5	25°51	8°52	11°30	24° 8	5°16	5° 6	19° 9	n.a.	T 3
F 4	12 39 41	9°30'31	19°39	7°50	21° 5	2° 5	19°13	25°48	8°53	11°31	24° 7	5°16	5° 3	19°16	n.a.	F 4
S 5	12 43 38	10°27'32	1♓30	10° 0	22°12	2°46	19°21	25°46	8°54	11°32	24° 5	5°17	5° 0	19°22	n.a.	S 5
S 6	12 47 35	11°24'34	13°18	12° 9	23°20	3°26	19°29	25°43	8°55	11°34	24° 4	5°17	4°57	19°29	n.a.	S 6
M 7	12 51 31	12°21'37	25° 5	14°18	24°27	4° 7	19°37	25°41	8°55	11°35	24° 2	5°18	4°54	19°36	n.a.	M 7
T 8	12 55 28	13°18'40	6♈55	16°25	25°34	4°47	19°45	25°38	8°56	11°36	24° 1	5°R18	4°50	19°42	n.a.	T 8
W 9	12 59 24	14°15'44	18°49	18°32	26°41	5°27	19°54	25°35	8°58	11°38	23°59	5°17	4°47	19°49	n.a.	W 9
T 10	13 3 21	15°12'49	0♉51	20°37	27°48	6° 7	20° 2	25°32	8°59	11°39	23°58	5°17	4°44	19°56	n.a.	T 10
F 11	13 7 17	16° 9'54	13° 2	22°42	28°55	6°47	20°11	25°29	9° 0	11°40	23°56	5°15	4°41	20° 2	n.a.	F 11
S 12	13 11 14	17° 7'00	25°23	24°44	0♊ 2	7°27	20°20	25°26	9° 1	11°42	23°55	5°14	4°38	20° 9	n.a.	S 12
S 13	13 15 11	18° 4'06	7♊57	26°46	1° 8	8° 7	20°29	25°23	9° 2	11°43	23°54	5°12	4°34	20°15	n.a.	S 13
M14	13 19 7	19° 1'13	20°46	28°45	2°14	8°46	20°38	25°20	9° 4	11°45	23°52	5°11	4°31	20°22	n.a.	M14
T 15	13 23 4	19°58'20	3♋53	0♉43	3°20	9°26	20°47	25°17	9° 5	11°46	23°51	5° 9	4°28	20°29	n.a.	T 15
W16	13 27 0	20°55'28	17°17	2°40	4°27	10° 5	20°56	25°14	9° 6	11°48	23°49	5°D 9	4°25	20°35	n.a.	W16
T 17	13 30 57	21°52'36	1♌ 2	4°34	5°32	10°44	21° 6	25°10	9° 8	11°49	23°48	5° 9	4°22	20°42	n.a.	T 17
F 18	13 34 53	22°49'45	15° 7	6°27	6°38	11°23	21°15	25° 7	9° 9	11°51	23°47	5°10	4°19	20°49	n.a.	F 18
S 19	13 38 50	23°46'55	29°32	8°18	7°44	12° 2	21°25	25° 3	9°11	11°53	23°45	5°11	4°15	20°55	n.a.	S 19
S 20	13 42 47	24°44'05	14♍13	10° 8	8°49	12°41	21°34	25° 0	9°12	11°54	23°44	5°12	4°12	21° 2	n.a.	S 20
M21	13 46 43	25°41'16	29° 5	11°55	9°54	13°20	21°44	24°56	9°14	11°56	23°43	5°R13	4° 9	21° 9	n.a.	M21
T 22	13 50 40	26°38'27	14♎ 3	13°41	10°59	13°59	21°54	24°52	9°16	11°58	23°41	5°13	4° 6	21°15	n.a.	T 22
W23	13 54 36	27°35'40	28°58	15°26	12° 4	14°37	22° 4	24°49	9°17	11°59	23°40	5°12	4° 3	21°22	n.a.	W23
T 24	13 58 33	28°32'54	13♏41	17° 8	13° 8	15°15	22°14	24°45	9°19	12° 1	23°39	5° 9	3°59	21°29	n.a.	T 24
F 25	14 2 29	29°30'09	28° 7	18°49	14°12	15°54	22°24	24°41	9°21	12° 3	23°38	5° 6	3°56	21°35	n.a.	F 25
S 26	14 6 26	0♉27'25	12♐10	20°28	15°16	16°32	22°34	24°37	9°23	12° 4	23°37	5° 3	3°53	21°42	n.a.	S 26
S 27	14 10 23	1°24'43	25°46	22° 5	16°20	17°10	22°44	24°33	9°25	12° 6	23°35	4°59	3°50	21°49	n.a.	S 27
M28	14 14 19	2°22'02	8♑57	23°41	17°24	17°47	22°55	24°29	9°27	12° 8	23°34	4°57	3°47	21°55	n.a.	M28
T 29	14 18 16	3°19'22	21°43	25°15	18°27	18°25	23° 5	24°25	9°29	12°10	23°33	4°55	3°44	22° 2	n.a.	T 29
W30	14 22 12	4°16'44	4♒ 8	26°47	19°31	19° 3	23°16	24°21	9°31	12°12	23°32	4°D54	3°40	22° 9	n.a.	W30
T 31	14 26 9	5♉14'08	16♒16	28♉18	20♊34	19♒40	23♊26	24♏17	9♋33	12♊14	23♍31	4♎55	3♎37	22♓15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	2n43	18s13	5n15	0n46	0n13	19n48	2n19	22s29	1s49	24n51	1n13	19s22	0n25	24n33	0n45	23n 7	0n20	11n38	10n10	2s 9	2s 8	3s11			n.a.
W 2	3 6	16 45	4 59	1 48	0 24	20 8	2 20	22 20	1 50	24 51	1 13	19 22	0 25	24 33	0 45	23 7	0 20	11 39	10 9	2 9	2 6	3 9			n.a.
T 3	3 29	14 32	4 29	2 50	0 34	20 28	2 20	22 12	1 50	24 52	1 13	19 22	0 25	24 33	0 45	23 7	0 20	11 39	10 9	2 9	2 5	3 7			n.a.
F 4	3 52	11 45	3 48	3 51	0 43	20 47	2 21	22 3	1 51	24 52	1 13	19 21	0 25	24 33	0 45	23 7	0 20	11 40	10 9	2 9	2 4	3 5			n.a.
S 5	4 15	8 29	2 57	4 52	0 52	21 6	2 21	21 54	1 52	24 53	1 13	19 20	0 25	24 33	0 45	23 8	0 20	11 40	10 9	2 9	2 2	3 3			n.a.
S 6	4 38	4 55	1 59	5 52	1 1	21 24	2 22	21 45	1 52	24 53	1 13	19 20	0 25	24 33	0 45	23 8	0 20	11 40	10 9	2 9	2 1	3 1			n.a.
M 7	5 1	1 9	0 56	6 51	1 9	21 42	2 22	21 36	1 53	24 54	1 13	19 19	0 24	24 33	0 45	23 8	0 20	11 41	10 8	2 10	2 0	2 59			n.a.
T 8	5 24	2n41	0s 9	7 48	1 16	21 59	2 22	21 26	1 54	24 55	1 13	19 19	0 24	24 33	0 45	23 8	0 20	11 41	10 8	2 10	1 58	2 57			n.a.
W 9	5 47	6 26	1 14	8 44	1 23	22 16	2 22	21 17	1 54	24 55	1 13	19 18	0 24	24 33	0 45	23 8	0 20	11 42	10 8	2 10	1 57	2 55			n.a.
T 10	6 9	9 57	2 17	9 39	1 30	22 32	2 22	21 7	1 55	24 56	1 12	19 18	0 24	24 33	0 45	23 8	0 20	11 42	10 8	2 9	1 56	2 53			n.a.
F 11	6 32	13 6	3 15	10 32	1 36	22 47	2 22	20 57	1 56	24 56	1 12	19 17	0 24	24 33	0 45	23 9	0 20	11 43	10 8	2 9	1 55	2 52			n.a.
S 12	6 54	15 42	4 4	11 24	1 41	23 2	2 22	20 48	1 56	24 57	1 12	19 16	0 24	24 32	0 45	23 9	0 20	11 43	10 7	2 8	1 53	2 50			n.a.
S 13	7 17	17 37	4 42	12 13	1 45	23 16	2 22	20 38	1 57	24 57	1 12	19 16	0 24	24 32	0 45	23 9	0 20	11 43	10 7	2 7	1 52	2 48			n.a.
M14	7 39	18 41	5 7	13 1	1 49	23 30	2 21	20 27	1 57	24 58	1 12	19 15	0 24	24 32	0 45	23 9	0 20	11 44	10 7	2 7	1 51	2 46			n.a.
T 15	8 1	18 47	5 17	13 47	1 52	23 42	2 20	20 17	1 58	24 59	1 12	19 14	0 24	24 32	0 45	23 10	0 20	11 44	10 7	2 6	1 49	2 44			n.a.
W16	8 23	17 50	5 10	14 31	1 55	23 55	2 20	20 7	1 59	24 59	1 12	19 13	0 24	24 32	0 45	23 10	0 20	11 44	10 6	2 6	1 48	2 42			n.a.
T 17	8 45	15 51	4 45	15 14	1 57	24 6	2 19	19 56	1 59	25 0	1 12	19 13	0 24	24 32	0 45	23 10	0 20	11 45	10 6	2 6	1 47	2 40			n.a.
F 18	9 7	12 53	4 3	15 54	1 58	24 17	2 18	19 46	2 0	25 0	1 12	19 12	0 24	24 32	0 45	23 10	0 20	11 45	10 6	2 6	1 46	2 38			n.a.
S 19	9 29	9 5	3 5	16 32	1 59	24 28	2 17	19 35	2 0	25 1	1 12	19 11	0 24	24 31	0 45	23 10	0 20	11 45	10 6	2 7	1 44	2 36			n.a.
S 20	9 50	4 38	1 54	17 8	1 59	24 37	2 16	19 24	2 1	25 1	1 12	19 10	0 24	24 31	0 45	23 11	0 20	11 46	10 5	2 7	1 43	2 35			n.a.
M21	10 12	0s 9	0 34	17 43	1 59	24 46	2 14	19 13	2 2	25 2	1 11	19 9	0 23	24 31	0 44	23 11	0 20	11 46	10 5	2 8	1 42	2 33			n.a.
T 22	10 33	4 57	0n49	18 15	1 58	24 55	2 13	19 2	2 2	25 3	1 11	19 9	0 23	24 31	0 44	23 11	0 20	11 46	10 5	2 8	1 40	2 31			n.a.
W23	10 54	9 26	2 7	18 46	1 56	25 2	2 11	18 51	2 3	25 3	1 11	19 8	0 23	24 31	0 44	23 11	0 20	11 46	10 4	2 7	1 39	2 29			n.a.
T 24	11 15	13 16	3 17	19 15	1 54	25 9	2 10	18 40	2 3	25 4	1 11	19 7	0 23	24 31	0 44	23 12	0 20	11 47	10 4	2 6	1 38	2 27			n.a.
F 25	11 36	16 13	4 12	19 41	1 52	25 16	2 8	18 29	2 4	25 4	1 11	19 6	0 23	24 31	0 44	23 12	0 20	11 47	10 4	2 5	1 36	2 25			n.a.
S 26	11 57	18 6	4 50	20 6	1 49	25 21	2 6	18 18	2 5	25 5	1 11	19 5	0 23	24 30	0 44	23 12	0 20	11 47	10 4	2 4	1 35	2 23			n.a.
S 27	12 18	18 52	5 10	20 30	1 45	25 26	2 4	18 6	2 5	25 5	1 11	19 4	0 23	24 30	0 44	23 12	0 20	11 47	10 3	2 2	1 34	2 21			n.a.
M28	12 38	18 35	5 14	20 51	1 41	25 31	2 1	17 55	2 6	25 6	1 11	19 3	0 23	24 30	0 44	23 13	0 20	11 47	10 3	2 1	1 33	2 19			n.a.
T 29	12 58	17 21	5 1	21 11	1 37	25 34	1 59	17 43	2 6	25 6	1 11	19 2	0 23	24 30	0 44	23 13	0 20	11 48	10 3	2 0	1 31	2 17			n.a.
W30	13 18	15 19	4 35	21 28	1 32	25 37	1 56	17 32	2 7	25 7	1 11	19 1	0 23	24 30	0 44	23 13	0 20	11 48	10 2	2 0	1 30	2 16			n.a.
T 31	13n38	12s39	3n56	21n45	1n27	25n39	1n54	17s20	2s 7	25n 7	1n11	19s 0	0n23	24n29	0n44	23n13	0n20	11n48	10n 2	2s 0	1s29	2s14			n.a.

Julian Day Number = 200277.5, Delta T = 32h11m32s
Ecliptic obliquity = 24°06'43, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'21, Lahiri = -61°10'21 Julian Calendar 1 May 4165 BCE == Greg. Calendar 29 March 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

JUNE 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 30 6	6♉11'33	28♒13	29♉46	21♊36	20♒17	23♊37	24°R12	9♋35	12♊15	23°R30	4♎56	3♎34	22♓22	n.a.	F 1
S 2	14 34 2	7° 8'59	10♓ 2	1♊13	22°39	20°54	23°48	24♏ 8	9°37	12°17	23♍29	4°58	3°31	22°28	n.a.	S 2
S 3	14 37 59	8° 6'28	21°49	2°38	23°41	21°31	23°59	24° 4	9°40	12°19	23°28	4°59	3°28	22°35	n.a.	S 3
M 4	14 41 55	9° 3'57	3♈39	4° 2	24°43	22° 8	24°10	24° 0	9°42	12°21	23°27	5°R 0	3°25	22°42	n.a.	M 4
T 5	14 45 52	10° 1'29	15°33	5°23	25°45	22°44	24°21	23°55	9°44	12°23	23°26	5° 0	3°21	22°48	n.a.	T 5
W 6	14 49 48	10°59'02	27°37	6°43	26°46	23°21	24°32	23°51	9°47	12°25	23°25	4°57	3°18	22°55	n.a.	W 6
T 7	14 53 45	11°56'36	9♉50	8° 0	27°47	23°57	24°43	23°46	9°49	12°27	23°24	4°53	3°15	23° 2	n.a.	T 7
F 8	14 57 41	12°54'12	22°16	9°16	28°48	24°33	24°54	23°42	9°51	12°29	23°23	4°48	3°12	23° 8	n.a.	F 8
S 9	15 1 38	13°51'50	4♊55	10°30	29°48	25° 9	25° 5	23°37	9°54	12°31	23°22	4°42	3° 9	23°15	n.a.	S 9
S 10	15 5 35	14°49'29	17°48	11°41	0♋49	25°45	25°17	23°33	9°56	12°33	23°21	4°35	3° 5	23°22	n.a.	S 10
M11	15 9 31	15°47'10	0♋53	12°50	1°48	26°20	25°28	23°28	9°59	12°35	23°21	4°28	3° 2	23°28	n.a.	M11
T 12	15 13 28	16°44'52	14°12	13°57	2°48	26°56	25°40	23°24	10° 2	12°37	23°20	4°23	2°59	23°35	n.a.	T 12
W13	15 17 24	17°42'35	27°44	15° 2	3°47	27°31	25°51	23°19	10° 4	12°39	23°19	4°20	2°56	23°42	n.a.	W13
T 14	15 21 21	18°40'20	11♌29	16° 4	4°46	28° 6	26° 3	23°15	10° 7	12°41	23°18	4°18	2°53	23°48	n.a.	T 14
F 15	15 25 17	19°38'06	25°26	17° 3	5°44	28°40	26°15	23°10	10°10	12°43	23°18	4°D18	2°50	23°55	n.a.	F 15
S 16	15 29 14	20°35'53	9♍37	18° 0	6°42	29°15	26°26	23° 6	10°12	12°45	23°17	4°19	2°46	24° 2	n.a.	S 16
S 17	15 33 11	21°33'42	23°58	18°53	7°39	29°49	26°38	23° 1	10°15	12°48	23°16	4°20	2°43	24° 8	n.a.	S 17
M18	15 37 7	22°31'33	8♎28	19°44	8°36	0♓24	26°50	22°56	10°18	12°50	23°16	4°R20	2°40	24°15	n.a.	M18
T 19	15 41 4	23°29'25	23° 3	20°31	9°33	0°58	27° 2	22°52	10°21	12°52	23°15	4°19	2°37	24°21	n.a.	T 19
W20	15 45 0	24°27'18	7♏37	21°15	10°29	1°31	27°14	22°47	10°24	12°54	23°15	4°15	2°34	24°28	n.a.	W20
T 21	15 48 57	25°25'14	22° 5	21°55	11°25	2° 5	27°26	22°43	10°27	12°56	23°14	4° 9	2°31	24°35	n.a.	T 21
F 22	15 52 53	26°23'11	6♐20	22°31	12°20	2°38	27°38	22°38	10°30	12°58	23°13	4° 2	2°27	24°41	n.a.	F 22
S 23	15 56 50	27°21'10	20°17	23° 4	13°15	3°12	27°50	22°33	10°33	13° 0	23°13	3°53	2°24	24°48	n.a.	S 23
S 24	16 0 46	28°19'12	3♑51	23°31	14° 9	3°45	28° 2	22°29	10°36	13° 3	23°13	3°44	2°21	24°55	n.a.	S 24
M25	16 4 43	29°17'15	17° 1	23°54	15° 2	4°17	28°15	22°24	10°39	13° 5	23°12	3°37	2°18	25° 1	n.a.	M25
T 26	16 8 40	0♒15'21	29°49	24°13	15°55	4°50	28°27	22°20	10°42	13° 7	23°12	3°30	2°15	25° 8	n.a.	T 26
W27	16 12 36	1°13'28	12♒15	24°26	16°48	5°22	28°39	22°15	10°45	13° 9	23°11	3°26	2°11	25°15	n.a.	W27
T 28	16 16 33	2°11'38	24°24	24°34	17°39	5°54	28°52	22°11	10°48	13°11	23°11	3°24	2° 8	25°21	n.a.	T 28
F 29	16 20 29	3° 9'50	6♓20	24°R36	18°31	6°26	29° 4	22° 6	10°51	13°13	23°11	3°D24	2° 5	25°28	n.a.	F 29
S 30	16 24 26	4♊ 8'05	18♓10	24♊32	19♋21	6♓58	29♊17	22♏ 2	10♋54	13♊16	23♍11	3♎25	2♎ 2	25♓35	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n57	9s29	3n 8	21n59	1n21	25n41	1n51	17s 9	2s 8	25n 8	1n11	18s59	0n23	24n29	0n44	23n14	0n20	11n48	10n 2	2s 1	1s27	2s12		n.a.
S 2	14 17	5 59	2 13	22 12	1 15	25 42	1 48	16 57	2 8	25 8	1 11	18 58	0 22	24 29	0 44	23 14	0 20	11 48	10 1	2 2	1 26	2 10		n.a.
S 3	14 36	2 14	1 12	22 23	1 8	25 42	1 45	16 45	2 9	25 9	1 11	18 57	0 22	24 29	0 44	23 14	0 20	11 48	10 1	2 2	1 25	2 8		n.a.
M 4	14 55	1n36	0 7	22 33	1 1	25 42	1 42	16 33	2 9	25 9	1 11	18 56	0 22	24 29	0 44	23 14	0 20	11 48	10 1	2 2	1 24	2 6		n.a.
T 5	15 14	5 25	0s57	22 41	0 54	25 41	1 38	16 21	2 10	25 10	1 10	18 55	0 22	24 28	0 44	23 15	0 20	11 48	10 0	2 2	1 22	2 4		n.a.
W 6	15 32	9 3	2 0	22 48	0 46	25 39	1 35	16 9	2 10	25 10	1 10	18 54	0 22	24 28	0 44	23 15	0 20	11 49	10 0	2 1	1 21	2 2		n.a.
T 7	15 51	12 21	2 59	22 53	0 38	25 36	1 31	15 58	2 11	25 10	1 10	18 53	0 22	24 28	0 44	23 15	0 20	11 49	10 0	2 0	1 20	2 0		n.a.
F 8	16 9	15 10	3 49	22 57	0 30	25 33	1 27	15 46	2 11	25 11	1 10	18 52	0 22	24 28	0 44	23 16	0 20	11 49	9 59	1 58	1 18	1 58		n.a.
S 9	16 27	17 18	4 30	23 0	0 21	25 30	1 23	15 34	2 12	25 11	1 10	18 51	0 22	24 28	0 44	23 16	0 20	11 49	9 59	1 55	1 17	1 57		n.a.
S 10	16 44	18 36	4 57	23 1	0 12	25 25	1 19	15 22	2 12	25 12	1 10	18 50	0 22	24 27	0 44	23 16	0 20	11 49	9 59	1 52	1 16	1 55		n.a.
M11	17 1	18 57	5 9	23 2	0 3	25 20	1 15	15 10	2 13	25 12	1 10	18 49	0 22	24 27	0 44	23 16	0 20	11 49	9 58	1 50	1 14	1 53		n.a.
T 12	17 18	18 16	5 5	23 1	0s 6	25 15	1 10	14 58	2 13	25 12	1 10	18 48	0 22	24 27	0 44	23 17	0 20	11 49	9 58	1 47	1 13	1 51		n.a.
W13	17 35	16 33	4 45	22 58	0 16	25 9	1 5	14 45	2 14	25 13	1 10	18 47	0 21	24 27	0 44	23 17	0 20	11 49	9 57	1 46	1 12	1 49		n.a.
T 14	17 52	13 52	4 7	22 55	0 26	25 2	1 1	14 33	2 14	25 13	1 10	18 46	0 21	24 26	0 44	23 17	0 20	11 49	9 57	1 45	1 11	1 47		n.a.
F 15	18 8	10 21	3 15	22 51	0 37	24 55	0 56	14 21	2 15	25 13	1 10	18 45	0 21	24 26	0 44	23 17	0 20	11 49	9 57	1 45	1 9	1 45		n.a.
S 16	18 24	6 11	2 10	22 46	0 47	24 47	0 51	14 9	2 15	25 14	1 10	18 44	0 21	24 26	0 44	23 18	0 20	11 48	9 56	1 46	1 8	1 43		n.a.
S 17	18 40	1 37	0 56	22 40	0 58	24 38	0 45	13 57	2 15	25 14	1 10	18 42	0 21	24 26	0 44	23 18	0 20	11 48	9 56	1 46	1 7	1 41		n.a.
M18	18 55	3s 6	0n22	22 33	1 9	24 29	0 40	13 45	2 16	25 14	1 10	18 41	0 21	24 26	0 44	23 18	0 20	11 48	9 56	1 46	1 5	1 39		n.a.
T 19	19 10	7 40	1 39	22 25	1 21	24 19	0 34	13 33	2 16	25 15	1 10	18 40	0 21	24 25	0 44	23 19	0 20	11 48	9 55	1 46	1 4	1 37		n.a.
W20	19 25	11 46	2 50	22 17	1 32	24 9	0 28	13 21	2 17	25 15	1 10	18 39	0 21	24 25	0 44	23 19	0 20	11 48	9 55	1 44	1 3	1 36		n.a.
T 21	19 39	15 8	3 48	22 8	1 43	23 59	0 22	13 9	2 17	25 15	1 10	18 38	0 21	24 25	0 44	23 19	0 20	11 48	9 54	1 42	1 1	1 34		n.a.
F 22	19 53	17 31	4 32	21 59	1 55	23 48	0 16	12 57	2 17	25 15	1 10	18 37	0 21	24 24	0 44	23 19	0 20	11 48	9 54	1 39	1 0	1 32		n.a.
S 23	20 7	18 47	4 58	21 49	2 6	23 36	0 10	12 45	2 18	25 15	1 10	18 36	0 20	24 24	0 44	23 20	0 20	11 48	9 54	1 35	0 59	1 30		n.a.
S 24	20 20	18 57	5 6	21 39	2 18	23 24	0 4	12 33	2 18	25 16	1 10	18 35	0 20	24 24	0 44	23 20	0 20	11 47	9 53	1 32	0 58	1 28		n.a.
M25	20 34	18 4	4 58	21 29	2 30	23 11	0s 3	12 21	2 19	25 16	1 10	18 34	0 20	24 24	0 44	23 20	0 20	11 47	9 53	1 28	0 56	1 26		n.a.
T 26	20 46	16 17	4 35	21 18	2 41	22 58	0 10	12 9	2 19	25 16	1 10	18 33	0 20	24 23	0 44	23 21	0 20	11 47	9 52	1 26	0 55	1 24		n.a.
W27	20 59	13 47	3 59	21 8	2 52	22 45	0 17	11 57	2 19	25 16	1 10	18 32	0 20	24 23	0 44	23 21	0 20	11 47	9 52	1 24	0 54	1 22		n.a.
T 28	21 11	10 43	3 14	20 57	3 3	22 31	0 24	11 45	2 20	25 16	1 10	18 30	0 20	24 23	0 43	23 21	0 20	11 46	9 52	1 23	0 52	1 20		n.a.
F 29	21 23	7 16	2 20	20 47	3 13	22 17	0 31	11 34	2 20	25 16	1 10	18 29	0 20	24 23	0 43	23 22	0 20	11 46	9 51	1 23	0 51	1 18		n.a.
S 30	21n34	3s34	1n21	20n36	3s23	22n 2	0s39	11s22	2s20	25n16	1n10	18s28	0n20	24n22	0n43	23n22	0n20	11n46	9n51	1s24	0s50	1s17		n.a.

Julian Day Number = 200308.5, Delta T = 32h11m28s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'17, Lahiri = -61°10'17 Julian Calendar 1 June 4165 BCE == Greg. Calendar 29 Apr. 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

JULY 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 28 22	5♊ 6'21	29♓58	24°R22	20♋11	7♓29	29♊29	21°R57	10♋58	13♊18	23°R10	3°R25	1♎59	25♓41	n.a.	S 1
M 2	16 32 19	6° 4'40	11♈49	24♊ 5	21° 0	8° 0	29°42	21♏53	11° 1	13°20	23♍10	3♎25	1°56	25°48	n.a.	M 2
T 3	16 36 15	7° 3'02	23°49	23°43	21°48	8°31	29°54	21°49	11° 4	13°22	23°10	3°23	1°52	25°55	n.a.	T 3
W 4	16 40 12	8° 1'25	6♉ 0	23°14	22°36	9° 1	0♋ 7	21°44	11° 8	13°25	23°10	3°18	1°49	26° 1	n.a.	W 4
T 5	16 44 8	8°59'51	18°27	22°38	23°23	9°32	0°20	21°40	11°11	13°27	23°10	3°11	1°46	26° 8	n.a.	T 5
F 6	16 48 5	9°58'19	1♊ 9	21°57	24° 9	10° 2	0°32	21°36	11°14	13°29	23°10	3° 2	1°43	26°15	n.a.	F 6
S 7	16 52 2	10°56'50	14° 9	21°10	24°54	10°31	0°45	21°32	11°18	13°31	23°D10	2°51	1°40	26°21	n.a.	S 7
S 8	16 55 58	11°55'22	27°24	20°19	25°38	11° 1	0°58	21°27	11°21	13°34	23°10	2°39	1°37	26°28	n.a.	S 8
M 9	16 59 55	12°53'57	10♋53	19°23	26°21	11°30	1°11	21°23	11°24	13°36	23°10	2°28	1°33	26°34	n.a.	M 9
T 10	17 3 51	13°52'34	24°33	18°24	27° 4	11°59	1°23	21°19	11°28	13°38	23°10	2°19	1°30	26°41	n.a.	T 10
W11	17 7 48	14°51'12	8♌22	17°23	27°45	12°27	1°36	21°15	11°31	13°40	23°10	2°12	1°27	26°48	n.a.	W11
T 12	17 11 44	15°49'53	22°18	16°21	28°25	12°55	1°49	21°11	11°35	13°42	23°10	2° 7	1°24	26°54	n.a.	T 12
F 13	17 15 41	16°48'35	6♍19	15°20	29° 4	13°23	2° 2	21° 7	11°38	13°45	23°10	2° 5	1°21	27° 1	n.a.	F 13
S 14	17 19 37	17°47'19	20°24	14°21	29°42	13°51	2°15	21° 4	11°42	13°47	23°11	2°D 5	1°17	27° 8	n.a.	S 14
S 15	17 23 34	18°46'06	4♎32	13°25	0♌19	14°18	2°28	21° 0	11°46	13°49	23°11	2°R 5	1°14	27°14	n.a.	S 15
M16	17 27 30	19°44'54	18°42	12°35	0°55	14°45	2°41	20°56	11°49	13°51	23°11	2° 4	1°11	27°21	n.a.	M16
T 17	17 31 27	20°43'44	2♏53	11°51	1°29	15°12	2°54	20°52	11°53	13°54	23°11	2° 1	1° 8	27°28	n.a.	T 17
W18	17 35 24	21°42'36	17° 1	11°14	2° 2	15°38	3° 7	20°49	11°56	13°56	23°12	1°56	1° 5	27°34	n.a.	W18
T 19	17 39 20	22°41'30	1♐ 4	10°45	2°33	16° 4	3°20	20°45	12° 0	13°58	23°12	1°47	1° 2	27°41	n.a.	T 19
F 20	17 43 17	23°40'27	14°58	10°26	3° 3	16°29	3°33	20°42	12° 4	14° 0	23°13	1°37	0°58	27°48	n.a.	F 20
S 21	17 47 13	24°39'25	28°37	10°16	3°32	16°54	3°46	20°38	12° 7	14° 3	23°13	1°24	0°55	27°54	n.a.	S 21
S 22	17 51 10	25°38'26	11♑59	10°D16	3°59	17°19	3°59	20°35	12°11	14° 5	23°14	1°12	0°52	28° 1	n.a.	S 22
M23	17 55 6	26°37'30	25° 1	10°26	4°24	17°44	4°12	20°32	12°15	14° 7	23°14	1° 0	0°49	28° 8	n.a.	M23
T 24	17 59 3	27°36'36	7♒44	10°45	4°48	18° 8	4°26	20°29	12°18	14° 9	23°15	0°50	0°46	28°14	n.a.	T 24
W25	18 2 59	28°35'44	20° 8	11°15	5°10	18°31	4°39	20°25	12°22	14°11	23°15	0°43	0°42	28°21	n.a.	W25
T 26	18 6 56	29°34'54	2♓16	11°53	5°30	18°54	4°52	20°22	12°26	14°13	23°16	0°39	0°39	28°27	n.a.	T 26
F 27	18 10 52	0♋34'08	14°12	12°40	5°49	19°17	5° 5	20°19	12°30	14°16	23°16	0°37	0°36	28°34	n.a.	F 27
S 28	18 14 49	1°33'23	26° 2	13°36	6° 5	19°40	5°18	20°17	12°33	14°18	23°17	0°36	0°33	28°41	n.a.	S 28
S 29	18 18 45	2°32'42	7♈49	14°38	6°19	20° 1	5°31	20°14	12°37	14°20	23°18	0°36	0°30	28°47	n.a.	S 29
M30	18 22 42	3°32'02	19°42	15°48	6°32	20°23	5°45	20°11	12°41	14°22	23°18	0°35	0°27	28°54	n.a.	M30
T 31	18 26 39	4♋31'26	1♉43	17♊ 3	6♌42	20♓44	5♋58	20♏ 8	12♋45	14♊24	23♍19	0♎33	0♎23	29♓ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21n45	0n16	0n19	20n27	3s33	21n47	0s46	11s10	2s21	25n16	1n10	18s27	0n20	24n22	0n43	23n22	0n20	11n46	9n50	1s24	0s49	1s15			n.a.
M 2	21 55	4 7	0s45	20 17	3 41	21 32	0 54	10 58	2 21	25 16	1 10	18 26	0 19	24 22	0 43	23 22	0 20	11 45	9 50	1 24	0 47	1 13			n.a.
T 3	22 6	7 51	1 47	20 9	3 49	21 16	1 2	10 47	2 21	25 16	1 10	18 25	0 19	24 21	0 43	23 23	0 20	11 45	9 50	1 23	0 46	1 11			n.a.
W 4	22 16	11 19	2 45	20 0	3 56	21 0	1 11	10 35	2 22	25 16	1 10	18 24	0 19	24 21	0 43	23 23	0 20	11 45	9 49	1 21	0 45	1 9			n.a.
T 5	22 25	14 21	3 36	19 53	4 1	20 44	1 19	10 24	2 22	25 16	1 10	18 23	0 19	24 21	0 43	23 23	0 20	11 44	9 49	1 18	0 43	1 7			n.a.
F 6	22 34	16 46	4 18	19 47	4 5	20 27	1 28	10 12	2 22	25 16	1 10	18 22	0 19	24 20	0 43	23 24	0 20	11 44	9 48	1 14	0 42	1 5			n.a.
S 7	22 43	18 24	4 47	19 41	4 8	20 10	1 36	10 1	2 23	25 16	1 10	18 21	0 19	24 20	0 43	23 24	0 20	11 44	9 48	1 10	0 41	1 3			n.a.
S 8	22 51	19 4	5 1	19 37	4 8	19 53	1 45	9 50	2 23	25 16	1 10	18 20	0 19	24 20	0 43	23 24	0 20	11 43	9 48	1 5	0 39	1 1			n.a.
M 9	22 59	18 41	4 59	19 34	4 7	19 36	1 54	9 39	2 23	25 16	1 10	18 19	0 19	24 20	0 43	23 25	0 20	11 43	9 47	1 0	0 38	0 59			n.a.
T 10	23 6	17 13	4 40	19 32	4 4	19 19	2 4	9 28	2 24	25 16	1 10	18 18	0 19	24 19	0 43	23 25	0 20	11 42	9 47	0 57	0 37	0 57			n.a.
W11	23 13	14 45	4 5	19 32	3 59	19 1	2 13	9 17	2 24	25 16	1 10	18 17	0 18	24 19	0 43	23 25	0 20	11 42	9 46	0 54	0 36	0 56			n.a.
T 12	23 20	11 24	3 15	19 33	3 52	18 44	2 23	9 6	2 24	25 16	1 10	18 16	0 18	24 19	0 43	23 25	0 20	11 42	9 46	0 52	0 34	0 54			n.a.
F 13	23 26	7 24	2 12	19 36	3 43	18 26	2 32	8 55	2 24	25 16	1 10	18 15	0 18	24 18	0 43	23 26	0 20	11 41	9 45	0 51	0 33	0 52			n.a.
S 14	23 32	2 58	1 2	19 40	3 31	18 8	2 42	8 44	2 25	25 15	1 10	18 14	0 18	24 18	0 43	23 26	0 20	11 41	9 45	0 51	0 32	0 50			n.a.
S 15	23 37	1s39	0n13	19 46	3 19	17 51	2 52	8 34	2 25	25 15	1 10	18 13	0 18	24 18	0 43	23 26	0 20	11 40	9 45	0 51	0 30	0 48			n.a.
M16	23 42	6 11	1 27	19 54	3 4	17 33	3 3	8 23	2 25	25 15	1 10	18 12	0 18	24 17	0 43	23 27	0 20	11 40	9 44	0 51	0 29	0 46			n.a.
T 17	23 46	10 23	2 35	20 4	2 49	17 15	3 13	8 13	2 25	25 15	1 10	18 11	0 18	24 17	0 43	23 27	0 20	11 39	9 44	0 50	0 28	0 44			n.a.
W18	23 50	13 58	3 34	20 15	2 32	16 57	3 24	8 3	2 25	25 14	1 10	18 11	0 18	24 17	0 43	23 27	0 20	11 39	9 43	0 47	0 26	0 42			n.a.
T 19	23 54	16 43	4 19	20 28	2 14	16 40	3 35	7 52	2 26	25 14	1 10	18 10	0 17	24 16	0 43	23 27	0 20	11 38	9 43	0 44	0 25	0 40			n.a.
F 20	23 57	18 28	4 48	20 43	1 56	16 22	3 46	7 42	2 26	25 14	1 10	18 9	0 17	24 16	0 43	23 28	0 21	11 38	9 42	0 39	0 24	0 38			n.a.
S 21	24 0	19 6	5 0	21 0	1 38	16 5	3 57	7 32	2 26	25 13	1 10	18 8	0 17	24 15	0 43	23 28	0 21	11 37	9 42	0 34	0 23	0 37			n.a.
S 22	24 2	18 39	4 56	21 18	1 20	15 47	4 8	7 23	2 26	25 13	1 10	18 7	0 17	24 15	0 43	23 28	0 21	11 36	9 42	0 29	0 21	0 35			n.a.
M23	24 4	17 13	4 35	21 37	1 2	15 30	4 19	7 13	2 26	25 13	1 10	18 7	0 17	24 15	0 43	23 29	0 21	11 36	9 41	0 25	0 20	0 33			n.a.
T 24	24 5	14 58	4 2	21 57	0 44	15 14	4 30	7 4	2 27	25 12	1 10	18 6	0 17	24 14	0 43	23 29	0 21	11 35	9 41	0 21	0 19	0 31			n.a.
W25	24 6	12 4	3 17	22 18	0 27	14 57	4 42	6 54	2 27	25 12	1 10	18 5	0 17	24 14	0 43	23 29	0 21	11 35	9 40	0 18	0 17	0 29			n.a.
T 26	24 6	8 43	2 24	22 40	0 11	14 41	4 54	6 45	2 27	25 11	1 10	18 4	0 17	24 14	0 43	23 29	0 21	11 34	9 40	0 16	0 16	0 27			n.a.
F 27	24 6	5 4	1 26	23 1	0n 4	14 25	5 5	6 36	2 27	25 11	1 10	18 4	0 17	24 13	0 43	23 30	0 21	11 33	9 40	0 15	0 15	0 25			n.a.
S 28	24 6	1 15	0 24	23 23	0 19	14 10	5 17	6 27	2 27	25 10	1 10	18 3	0 16	24 13	0 43	23 30	0 21	11 33	9 39	0 15	0 13	0 23			n.a.
S 29	24 5	2n36	0s38	23 44	0 32	13 55	5 29	6 18	2 27	25 10	1 10	18 2	0 16	24 13	0 43	23 30	0 21	11 32	9 39	0 15	0 12	0 21			n.a.
M30	24 4	6 23	1 39	24 4	0 44	13 40	5 41	6 10	2 27	25 9	1 10	18 2	0 16	24 12	0 43	23 31	0 21	11 31	9 38	0 14	0 11	0 19			n.a.
T 31	24n 2	9n57	2s37	24n23	0n55	13n26	5s52	6s 1	2s27	25n 9	1n11	18s 1	0n16	24n12	0n43	23n31	0n21	11n31	9n38	0s14	0s10	0s17			n.a.

Julian Day Number = 200338.5, Delta T = 32h11m25s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'13, Lahiri = -61°10'13 Julian Calendar 1 July 4165 BCE == Greg. Calendar 29 May 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

AUGUST 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 30 35	5♋30'52	13♉59	18♊24	6♌50	21♓ 5	6♋11	20°R 6	12♋48	14♊26	23♍20	0°R28	0♎20	29♓ 7	n.a.	W 1
T 2	18 34 32	6°30'20	26°33	19°50	6°56	21°25	6°24	20♏ 3	12°52	14°28	23°21	0♎21	0°17	29°14	n.a.	T 2
F 3	18 38 28	7°29'51	9♊28	21°19	7° 0	21°44	6°37	20° 1	12°56	14°31	23°22	0°11	0°14	29°21	n.a.	F 3
S 4	18 42 25	8°29'24	22°44	22°52	7°R 1	22° 3	6°51	19°59	13° 0	14°33	23°23	29♍59	0°11	29°27	n.a.	S 4
S 5	18 46 21	9°29'00	6♋21	24°28	7° 1	22°22	7° 4	19°57	13° 3	14°35	23°24	29°46	0° 8	29°34	n.a.	S 5
M 6	18 50 18	10°28'38	20°15	26° 6	6°57	22°40	7°17	19°55	13° 7	14°37	23°25	29°34	0° 4	29°41	n.a.	M 6
T 7	18 54 14	11°28'19	4♌22	27°46	6°52	22°57	7°30	19°53	13°11	14°39	23°26	29°24	0° 1	29°47	n.a.	T 7
W 8	18 58 11	12°28'01	18°37	29°28	6°44	23°14	7°43	19°51	13°15	14°41	23°27	29°16	29♍58	29°54	n.a.	W 8
T 9	19 2 7	13°27'46	2♍54	1♋11	6°33	23°31	7°57	19°49	13°19	14°43	23°28	29°11	29°55	0♈ 1	n.a.	T 9
F 10	19 6 4	14°27'32	17°10	2°54	6°21	23°47	8°10	19°47	13°22	14°45	23°29	29° 9	29°52	0° 7	n.a.	F 10
S 11	19 10 0	15°27'20	1♎23	4°38	6° 5	24° 2	8°23	19°46	13°26	14°47	23°30	29°D 8	29°48	0°14	n.a.	S 11
S 12	19 13 57	16°27'11	15°30	6°23	5°48	24°17	8°36	19°44	13°30	14°49	23°31	29°R 9	29°45	0°20	n.a.	S 12
M13	19 17 53	17°27'03	29°30	8° 7	5°28	24°31	8°49	19°43	13°34	14°51	23°32	29° 8	29°42	0°27	n.a.	M13
T 14	19 21 50	18°26'57	13♏24	9°52	5° 6	24°44	9° 2	19°41	13°38	14°53	23°33	29° 6	29°39	0°34	n.a.	T 14
W15	19 25 46	19°26'53	27°10	11°37	4°42	24°57	9°15	19°40	13°41	14°55	23°35	29° 1	29°36	0°40	n.a.	W15
T 16	19 29 43	20°26'51	10♐48	13°21	4°16	25° 9	9°29	19°39	13°45	14°57	23°36	28°53	29°33	0°47	n.a.	T 16
F 17	19 33 40	21°26'51	24°15	15° 5	3°47	25°21	9°42	19°38	13°49	14°59	23°37	28°43	29°29	0°54	n.a.	F 17
S 18	19 37 36	22°26'53	7♑31	16°49	3°18	25°32	9°55	19°37	13°53	15° 0	23°38	28°32	29°26	1° 0	n.a.	S 18
S 19	19 41 33	23°26'57	20°32	18°32	2°46	25°42	10° 8	19°37	13°57	15° 2	23°40	28°20	29°23	1° 7	n.a.	S 19
M20	19 45 29	24°27'03	3♒19	20°15	2°13	25°52	10°21	19°36	14° 0	15° 4	23°41	28° 9	29°20	1°14	n.a.	M20
T 21	19 49 26	25°27'12	15°51	21°57	1°40	26° 1	10°34	19°35	14° 4	15° 6	23°43	28° 0	29°17	1°20	n.a.	T 21
W22	19 53 22	26°27'22	28° 8	23°39	1° 5	26° 9	10°47	19°35	14° 8	15° 8	23°44	27°53	29°14	1°27	n.a.	W22
T 23	19 57 19	27°27'35	10♓12	25°20	0°29	26°16	11° 0	19°34	14°12	15° 9	23°45	27°49	29°10	1°34	n.a.	T 23
F 24	20 1 15	28°27'50	22° 6	27° 1	29♋53	26°23	11°13	19°34	14°15	15°11	23°47	27°47	29° 7	1°40	n.a.	F 24
S 25	20 5 12	29°28'07	3♈54	28°41	29°17	26°29	11°26	19°34	14°19	15°13	23°48	27°D47	29° 4	1°47	n.a.	S 25
S 26	20 9 8	0♌28'27	15°41	0♌21	28°40	26°34	11°38	19°D34	14°23	15°15	23°50	27°48	29° 1	1°53	n.a.	S 26
M27	20 13 5	1°28'48	27°32	2° 0	28° 4	26°39	11°51	19°34	14°26	15°16	23°52	27°R49	28°58	2° 0	n.a.	M27
T 28	20 17 1	2°29'12	9♉32	3°39	27°29	26°42	12° 4	19°34	14°30	15°18	23°53	27°49	28°54	2° 7	n.a.	T 28
W29	20 20 58	3°29'38	21°47	5°17	26°54	26°45	12°17	19°35	14°34	15°20	23°55	27°47	28°51	2°13	n.a.	W29
T 30	20 24 54	4°30'07	4♊22	6°55	26°21	26°47	12°30	19°35	14°37	15°21	23°56	27°43	28°48	2°20	n.a.	T 30
F 31	20 28 51	5♌30'38	17♊20	8♌32	25♋48	26♓49	12♋42	19♏35	14♋41	15♊23	23♍58	27♍36	28♍45	2♈27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n59	13n10	3s28	24n41	1n 6	13n13	6s 4	5s53	2s27	25n 8	1n11	18s 1	0n16	24n12	0n43	23n31	0n21	11n30	9n38	0s12	0s 8	0s16		n.a.
T 2	23 57	15 52	4 11	24 57	1 15	13 0	6 16	5 45	2 28	25 8	1 11	18 0	0 16	24 11	0 43	23 31	0 21	11 29	9 37	0 9	0 7	0 14		n.a.
F 3	23 53	17 51	4 42	25 12	1 23	12 48	6 28	5 37	2 28	25 7	1 11	17 59	0 16	24 11	0 43	23 32	0 21	11 29	9 37	0 4	0 6	0 12		n.a.
S 4	23 50	18 56	4 59	25 24	1 30	12 36	6 39	5 29	2 28	25 6	1 11	17 59	0 16	24 10	0 43	23 32	0 21	11 28	9 36	0n 0	0 4	0 10		n.a.
S 5	23 46	18 58	4 59	25 35	1 36	12 25	6 51	5 22	2 28	25 6	1 11	17 58	0 15	24 10	0 43	23 32	0 21	11 27	9 36	0 6	0 3	0 8		n.a.
M 6	23 41	17 53	4 42	25 44	1 41	12 15	7 2	5 14	2 28	25 5	1 11	17 58	0 15	24 10	0 43	23 32	0 21	11 26	9 36	0 11	0 2	0 6		n.a.
T 7	23 36	15 42	4 8	25 51	1 45	12 6	7 13	5 7	2 28	25 4	1 11	17 58	0 15	24 9	0 43	23 33	0 21	11 26	9 35	0 15	0 0	0 4		n.a.
W 8	23 30	12 33	3 17	25 55	1 48	11 58	7 23	5 0	2 28	25 4	1 11	17 57	0 15	24 9	0 43	23 33	0 21	11 25	9 35	0 18	0n 1	0 2		n.a.
T 9	23 24	8 38	2 15	25 57	1 51	11 50	7 34	4 53	2 28	25 3	1 11	17 57	0 15	24 8	0 43	23 33	0 21	11 24	9 34	0 20	0 2	0 0		n.a.
F 10	23 18	4 14	1 3	25 58	1 53	11 44	7 44	4 47	2 27	25 2	1 11	17 56	0 15	24 8	0 43	23 33	0 21	11 23	9 34	0 21	0 3	0n 2		n.a.
S 11	23 11	0s23	0n12	25 56	1 54	11 38	7 53	4 41	2 27	25 1	1 11	17 56	0 15	24 8	0 43	23 34	0 21	11 22	9 34	0 21	0 5	0 4		n.a.
S 12	23 4	4 57	1 26	25 51	1 54	11 34	8 2	4 35	2 27	25 1	1 11	17 56	0 15	24 7	0 43	23 34	0 21	11 22	9 33	0 21	0 6	0 5		n.a.
M13	22 56	9 13	2 34	25 45	1 54	11 30	8 11	4 29	2 27	25 0	1 12	17 56	0 14	24 7	0 43	23 34	0 21	11 21	9 33	0 21	0 7	0 7		n.a.
T 14	22 48	12 56	3 32	25 37	1 54	11 28	8 19	4 23	2 27	24 59	1 12	17 55	0 14	24 7	0 43	23 34	0 21	11 20	9 32	0 22	0 9	0 9		n.a.
W15	22 39	15 54	4 18	25 27	1 52	11 26	8 26	4 18	2 27	24 58	1 12	17 55	0 14	24 6	0 43	23 35	0 21	11 19	9 32	0 24	0 10	0 11		n.a.
T 16	22 30	17 56	4 48	25 15	1 51	11 26	8 33	4 13	2 27	24 57	1 12	17 55	0 14	24 6	0 43	23 35	0 21	11 18	9 32	0 27	0 11	0 13		n.a.
F 17	22 21	18 57	5 2	25 1	1 48	11 26	8 39	4 8	2 26	24 56	1 12	17 55	0 14	24 5	0 43	23 35	0 21	11 17	9 31	0 31	0 12	0 15		n.a.
S 18	22 11	18 55	4 59	24 46	1 46	11 28	8 44	4 3	2 26	24 56	1 12	17 55	0 14	24 5	0 43	23 35	0 21	11 16	9 31	0 36	0 14	0 17		n.a.
S 19	22 0	17 52	4 41	24 29	1 43	11 31	8 49	3 59	2 26	24 55	1 12	17 54	0 14	24 5	0 43	23 36	0 21	11 16	9 31	0 41	0 15	0 19		n.a.
M20	21 50	15 56	4 9	24 10	1 39	11 35	8 52	3 54	2 26	24 54	1 12	17 54	0 14	24 4	0 43	23 36	0 21	11 15	9 30	0 45	0 16	0 21		n.a.
T 21	21 39	13 17	3 25	23 50	1 36	11 40	8 55	3 51	2 25	24 53	1 12	17 54	0 14	24 4	0 43	23 36	0 21	11 14	9 30	0 49	0 18	0 23		n.a.
W22	21 27	10 5	2 32	23 29	1 32	11 46	8 56	3 47	2 25	24 52	1 12	17 54	0 13	24 3	0 43	23 36	0 21	11 13	9 29	0 52	0 19	0 25		n.a.
T 23	21 15	6 32	1 33	23 6	1 27	11 53	8 57	3 44	2 25	24 51	1 13	17 54	0 13	24 3	0 43	23 37	0 21	11 12	9 29	0 54	0 20	0 26		n.a.
F 24	21 3	2 45	0 31	22 42	1 23	12 0	8 57	3 40	2 24	24 50	1 13	17 54	0 13	24 3	0 43	23 37	0 21	11 11	9 29	0 54	0 22	0 28		n.a.
S 25	20 50	1n 6	0s33	22 16	1 18	12 9	8 55	3 38	2 24	24 49	1 13	17 54	0 13	24 2	0 43	23 37	0 21	11 10	9 28	0 54	0 23	0 30		n.a.
S 26	20 37	4 53	1 35	21 50	1 13	12 19	8 53	3 35	2 24	24 48	1 13	17 55	0 13	24 2	0 43	23 37	0 21	11 9	9 28	0 54	0 24	0 32		n.a.
M27	20 23	8 31	2 33	21 22	1 8	12 29	8 50	3 33	2 23	24 47	1 13	17 55	0 13	24 1	0 43	23 37	0 21	11 8	9 28	0 54	0 25	0 34		n.a.
T 28	20 9	11 50	3 25	20 53	1 2	12 40	8 45	3 31	2 23	24 46	1 13	17 55	0 13	24 1	0 43	23 38	0 21	11 7	9 27	0 54	0 27	0 36		n.a.
W29	19 55	14 43	4 9	20 24	0 57	12 51	8 40	3 29	2 22	24 44	1 13	17 55	0 13	24 1	0 43	23 38	0 21	11 6	9 27	0 54	0 28	0 38		n.a.
T 30	19 40	16 59	4 43	19 53	0 51	13 4	8 34	3 28	2 22	24 43	1 13	17 55	0 12	24 0	0 43	23 38	0 21	11 5	9 27	0 56	0 29	0 40		n.a.
F 31	19n25	18n28	5s 3	19n22	0n45	13n16	8s27	3s27	2s21	24n42	1n14	17s55	0n12	24n 0	0n44	23n38	0n21	11n 4	9n26	0n59	0n31	0n42		n.a.

Julian Day Number = 200369.5, Delta T = 32h11m22s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'09, Lahiri = -61°10'08 Julian Calendar 1 Aug. 4165 BCE == Greg. Calendar 29 June 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

SEPTEMBER 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 32 48	6♌31'10	0♋43	10♌ 9	25°R17	26°R49	12♋55	19♏36	14♋45	15♊24	24♍ 0	27°R29	28♍42	2♈33	n.a.	S 1
S 2	20 36 44	7°31'45	14°32	11°45	24♋47	26♓49	13° 8	19°37	14°48	15°26	24° 1	27♍20	28°39	2°40	n.a.	S 2
M 3	20 40 41	8°32'22	28°44	13°21	24°20	26°48	13°20	19°37	14°52	15°28	24° 3	27°11	28°35	2°47	n.a.	M 3
T 4	20 44 37	9°33'01	13♌13	14°57	23°54	26°46	13°33	19°38	14°55	15°29	24° 5	27° 4	28°32	2°53	n.a.	T 4
W 5	20 48 34	10°33'41	27°54	16°32	23°30	26°43	13°45	19°39	14°59	15°30	24° 7	26°59	28°29	3° 0	n.a.	W 5
T 6	20 52 30	11°34'23	12♍38	18° 7	23° 8	26°39	13°58	19°41	15° 2	15°32	24° 9	26°56	28°26	3° 7	n.a.	T 6
F 7	20 56 27	12°35'07	27°19	19°41	22°49	26°34	14°10	19°42	15° 6	15°33	24°10	26°D55	28°23	3°13	n.a.	F 7
S 8	21 0 23	13°35'52	11♎52	21°15	22°32	26°29	14°22	19°43	15° 9	15°35	24°12	26°56	28°20	3°20	n.a.	S 8
S 9	21 4 20	14°36'38	26°11	22°49	22°17	26°22	14°35	19°45	15°13	15°36	24°14	26°57	28°16	3°27	n.a.	S 9
M10	21 8 16	15°37'26	10♏16	24°22	22° 4	26°15	14°47	19°46	15°16	15°37	24°16	26°R58	28°13	3°33	n.a.	M10
T 11	21 12 13	16°38'15	24° 5	25°55	21°54	26° 7	14°59	19°48	15°20	15°39	24°18	26°58	28°10	3°40	n.a.	T 11
W12	21 16 10	17°39'06	7♐39	27°28	21°47	25°58	15°11	19°49	15°23	15°40	24°20	26°56	28° 7	3°46	n.a.	W12
T 13	21 20 6	18°39'58	20°59	29° 0	21°42	25°48	15°24	19°51	15°26	15°41	24°22	26°52	28° 4	3°53	n.a.	T 13
F 14	21 24 3	19°40'51	4♑ 5	0♍32	21°39	25°38	15°36	19°53	15°30	15°42	24°24	26°47	28° 0	4° 0	n.a.	F 14
S 15	21 27 59	20°41'45	16°57	2° 4	21°D39	25°26	15°48	19°55	15°33	15°44	24°26	26°41	27°57	4° 6	n.a.	S 15
S 16	21 31 56	21°42'41	29°38	3°35	21°41	25°14	15°59	19°58	15°36	15°45	24°28	26°34	27°54	4°13	n.a.	S 16
M17	21 35 52	22°43'38	12♒ 6	5° 7	21°46	25° 1	16°11	20° 0	15°40	15°46	24°30	26°28	27°51	4°20	n.a.	M17
T 18	21 39 49	23°44'36	24°22	6°38	21°53	24°47	16°23	20° 2	15°43	15°47	24°32	26°23	27°48	4°26	n.a.	T 18
W19	21 43 45	24°45'36	6♓29	8° 8	22° 2	24°32	16°35	20° 5	15°46	15°48	24°34	26°20	27°45	4°33	n.a.	W19
T 20	21 47 42	25°46'37	18°26	9°39	22°14	24°17	16°46	20° 7	15°49	15°49	24°36	26°18	27°41	4°40	n.a.	T 20
F 21	21 51 38	26°47'40	0♈17	11° 9	22°28	24° 0	16°58	20°10	15°52	15°50	24°38	26°D18	27°38	4°46	n.a.	F 21
S 22	21 55 35	27°48'44	12° 4	12°38	22°43	23°43	17°10	20°13	15°55	15°51	24°40	26°19	27°35	4°53	n.a.	S 22
S 23	21 59 32	28°49'49	23°51	14° 8	23° 1	23°26	17°21	20°16	15°58	15°52	24°42	26°21	27°32	5° 0	n.a.	S 23
M24	22 3 28	29°50'56	5♉42	15°36	23°21	23° 7	17°32	20°18	16° 1	15°53	24°44	26°22	27°29	5° 6	n.a.	M24
T 25	22 7 25	0♍52'04	17°41	17° 5	23°43	22°48	17°44	20°22	16° 4	15°54	24°46	26°24	27°25	5°13	n.a.	T 25
W26	22 11 21	1°53'13	29°53	18°33	24° 7	22°29	17°55	20°25	16° 7	15°55	24°48	26°R25	27°22	5°20	n.a.	W26
T 27	22 15 18	2°54'24	12♊23	20° 0	24°32	22° 9	18° 6	20°28	16°10	15°55	24°51	26°24	27°19	5°26	n.a.	T 27
F 28	22 19 14	3°55'37	25°16	21°26	25° 0	21°48	18°17	20°31	16°13	15°56	24°53	26°23	27°16	5°33	n.a.	F 28
S 29	22 23 11	4°56'50	8♋35	22°52	25°29	21°27	18°28	20°35	16°16	15°57	24°55	26°21	27°13	5°39	n.a.	S 29
S 30	22 27 7	5♍58'05	22♋22	24♍17	25♋59	21♓ 5	18♋39	20♏38	16♋19	15♊58	24♍57	26♍18	27♍10	5♈46	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n10	19n 0	5s 7	18n50	0n39	13n30	8s20	3s26	2s20	24n41	1n14	17s56	0n12	23n59	0n44	23n38	0n21	11n 3	9n26	1n 2	0n32	0n44		n.a.
S 2	18 54	18 25	4 54	18 17	0 33	13 43	8 11	3 26	2 20	24 40	1 14	17 56	0 12	23 59	0 44	23 39	0 21	11 2	9 26	1 5	0 33	0 46		n.a.
M 3	18 38	16 42	4 23	17 43	0 27	13 57	8 2	3 25	2 19	24 39	1 14	17 56	0 12	23 59	0 44	23 39	0 21	11 1	9 25	1 9	0 35	0 47		n.a.
T 4	18 21	13 54	3 34	17 8	0 21	14 11	7 52	3 26	2 18	24 38	1 14	17 57	0 12	23 58	0 44	23 39	0 21	11 0	9 25	1 12	0 36	0 49		n.a.
W 5	18 5	10 11	2 31	16 33	0 15	14 25	7 42	3 26	2 17	24 37	1 14	17 57	0 12	23 58	0 44	23 39	0 21	10 59	9 25	1 14	0 37	0 51		n.a.
T 6	17 48	5 50	1 17	15 58	0 8	14 40	7 31	3 27	2 17	24 35	1 14	17 58	0 12	23 58	0 44	23 39	0 21	10 58	9 25	1 15	0 38	0 53		n.a.
F 7	17 30	1 8	0n 2	15 21	0 2	14 54	7 19	3 28	2 16	24 34	1 15	17 58	0 12	23 57	0 44	23 40	0 22	10 57	9 24	1 16	0 40	0 55		n.a.
S 8	17 12	3s35	1 20	14 45	0s 5	15 9	7 7	3 29	2 15	24 33	1 15	17 59	0 11	23 57	0 44	23 40	0 22	10 56	9 24	1 15	0 41	0 57		n.a.
S 9	16 54	8 2	2 32	14 7	0 11	15 23	6 55	3 31	2 14	24 32	1 15	17 59	0 11	23 56	0 44	23 40	0 22	10 55	9 24	1 15	0 42	0 59		n.a.
M10	16 36	11 56	3 34	13 30	0 17	15 37	6 43	3 33	2 13	24 30	1 15	18 0	0 11	23 56	0 44	23 40	0 22	10 54	9 23	1 14	0 44	1 1		n.a.
T 11	16 17	15 6	4 22	12 52	0 24	15 52	6 30	3 35	2 12	24 29	1 15	18 0	0 11	23 56	0 44	23 40	0 22	10 53	9 23	1 14	0 45	1 3		n.a.
W12	15 58	17 22	4 54	12 13	0 30	16 6	6 17	3 38	2 11	24 28	1 15	18 1	0 11	23 55	0 44	23 40	0 22	10 52	9 23	1 15	0 46	1 5		n.a.
T 13	15 39	18 39	5 10	11 34	0 37	16 19	6 4	3 41	2 9	24 27	1 15	18 1	0 11	23 55	0 44	23 41	0 22	10 51	9 23	1 17	0 48	1 6		n.a.
F 14	15 20	18 54	5 9	10 55	0 43	16 33	5 51	3 44	2 8	24 25	1 16	18 2	0 11	23 55	0 44	23 41	0 22	10 50	9 22	1 19	0 49	1 8		n.a.
S 15	15 0	18 10	4 52	10 16	0 50	16 46	5 37	3 48	2 7	24 24	1 16	18 3	0 11	23 54	0 44	23 41	0 22	10 49	9 22	1 21	0 50	1 10		n.a.
S 16	14 40	16 33	4 21	9 36	0 56	16 59	5 24	3 51	2 6	24 23	1 16	18 3	0 11	23 54	0 44	23 41	0 22	10 48	9 22	1 24	0 51	1 12		n.a.
M17	14 19	14 9	3 39	8 56	1 2	17 11	5 11	3 56	2 4	24 22	1 16	18 4	0 10	23 53	0 44	23 41	0 22	10 47	9 22	1 26	0 53	1 14		n.a.
T 18	13 59	11 10	2 46	8 16	1 8	17 23	4 57	4 0	2 3	24 20	1 16	18 5	0 10	23 53	0 44	23 41	0 22	10 46	9 21	1 28	0 54	1 16		n.a.
W19	13 38	7 44	1 47	7 36	1 14	17 35	4 44	4 4	2 1	24 19	1 17	18 6	0 10	23 53	0 44	23 42	0 22	10 45	9 21	1 30	0 55	1 18		n.a.
T 20	13 17	4 2	0 43	6 56	1 20	17 46	4 31	4 9	2 0	24 18	1 17	18 6	0 10	23 52	0 44	23 42	0 22	10 44	9 21	1 31	0 57	1 20		n.a.
F 21	12 56	0 13	0s22	6 16	1 26	17 56	4 18	4 14	1 58	24 16	1 17	18 7	0 10	23 52	0 44	23 42	0 22	10 43	9 21	1 31	0 58	1 22		n.a.
S 22	12 34	3n35	1 26	5 36	1 32	18 7	4 5	4 20	1 56	24 15	1 17	18 8	0 10	23 52	0 44	23 42	0 22	10 42	9 20	1 30	0 59	1 24		n.a.
S 23	12 12	7 15	2 26	4 56	1 37	18 16	3 52	4 25	1 55	24 14	1 17	18 9	0 10	23 51	0 44	23 42	0 22	10 41	9 20	1 30	1 1	1 26		n.a.
M24	11 50	10 39	3 20	4 16	1 42	18 25	3 40	4 31	1 53	24 12	1 17	18 10	0 10	23 51	0 44	23 42	0 22	10 40	9 20	1 29	1 2	1 27		n.a.
T 25	11 28	13 38	4 7	3 36	1 48	18 34	3 27	4 37	1 51	24 11	1 18	18 11	0 10	23 51	0 44	23 42	0 22	10 39	9 20	1 28	1 3	1 29		n.a.
W26	11 6	16 5	4 43	2 56	1 52	18 42	3 15	4 44	1 49	24 10	1 18	18 12	0 9	23 50	0 44	23 42	0 22	10 37	9 19	1 28	1 4	1 31		n.a.
T 27	10 43	17 51	5 7	2 17	1 57	18 49	3 3	4 50	1 47	24 8	1 18	18 13	0 9	23 50	0 44	23 43	0 22	10 36	9 19	1 28	1 6	1 33		n.a.
F 28	10 21	18 46	5 16	1 38	2 1	18 56	2 51	4 57	1 45	24 7	1 18	18 14	0 9	23 50	0 44	23 43	0 22	10 35	9 19	1 29	1 7	1 35		n.a.
S 29	9 58	18 41	5 9	1 0	2 5	19 2	2 39	5 3	1 43	24 6	1 18	18 15	0 9	23 49	0 44	23 43	0 22	10 34	9 19	1 30	1 8	1 37		n.a.
S 30	9n35	17n32	4s44	0n22	2s 9	19n 7	2s28	5s10	1s41	24n 4	1n19	18s16	0n 9	23n49	0n44	23n43	0n22	10n33	9n19	1n31	1n10	1n39		n.a.

Julian Day Number = 200400.5, Delta T = 32h11m18s
Ecliptic obliquity = 24°06'42, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'05, Lahiri = -61°10'04 Julian Calendar 1 Sept. 4165 BCE == Greg. Calendar 30 July 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

OCTOBER 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 31 4	6♍59'21	6♌35	25♍41	26♋32	20°R43	18♋50	20♏42	16♋21	15♊58	24♍59	26°R15	27♍ 6	5♈53	n.a.	M 1
T 2	22 35 1	8° 0'38	21°13	27° 3	27° 5	20♓20	19° 1	20°46	16°24	15°59	25° 1	26♍12	27° 3	5°59	n.a.	T 2
W 3	22 38 57	9° 1'56	6♍ 8	28°24	27°40	19°57	19°11	20°49	16°27	16° 0	25° 4	26°11	27° 0	6° 6	n.a.	W 3
T 4	22 42 54	10° 3'14	21°12	29°44	28°17	19°34	19°22	20°53	16°30	16° 0	25° 6	26°D10	26°57	6°13	n.a.	T 4
F 5	22 46 50	11° 4'34	6♎18	1♎ 1	28°55	19°10	19°32	20°57	16°32	16° 1	25° 8	26°10	26°54	6°19	n.a.	F 5
S 6	22 50 47	12° 5'54	21°14	2°17	29°34	18°47	19°43	21° 1	16°35	16° 1	25°10	26°11	26°51	6°26	n.a.	S 6
S 7	22 54 43	13° 7'14	5♏56	3°30	0♌14	18°23	19°53	21° 6	16°37	16° 2	25°13	26°12	26°47	6°33	n.a.	S 7
M 8	22 58 40	14° 8'35	20°17	4°39	0°56	17°59	20° 3	21°10	16°40	16° 2	25°15	26°13	26°44	6°39	n.a.	M 8
T 9	23 2 36	15° 9'56	4♐16	5°46	1°38	17°35	20°13	21°14	16°42	16° 3	25°17	26°14	26°41	6°46	n.a.	T 9
W10	23 6 33	16°11'18	17°51	6°48	2°22	17°11	20°23	21°19	16°45	16° 3	25°19	26°R14	26°38	6°53	n.a.	W10
T 11	23 10 30	17°12'40	1♑ 5	7°46	3° 7	16°47	20°33	21°23	16°47	16° 3	25°22	26°13	26°35	6°59	n.a.	T 11
F 12	23 14 26	18°14'02	13°59	8°39	3°53	16°23	20°43	21°28	16°49	16° 4	25°24	26°13	26°31	7° 6	n.a.	F 12
S 13	23 18 23	19°15'24	26°37	9°25	4°40	16° 0	20°53	21°32	16°51	16° 4	25°26	26°12	26°28	7°13	n.a.	S 13
S 14	23 22 19	20°16'46	9♒ 0	10° 5	5°27	15°36	21° 2	21°37	16°54	16° 4	25°29	26°11	26°25	7°19	n.a.	S 14
M15	23 26 16	21°18'08	21°12	10°37	6°16	15°13	21°12	21°42	16°56	16° 4	25°31	26°10	26°22	7°26	n.a.	M15
T 16	23 30 12	22°19'31	3♓15	11° 1	7° 6	14°50	21°21	21°47	16°58	16° 4	25°33	26°10	26°19	7°32	n.a.	T 16
W17	23 34 9	23°20'53	15°11	11°15	7°56	14°28	21°30	21°52	17° 0	16° 4	25°35	26° 9	26°16	7°39	n.a.	W17
T 18	23 38 6	24°22'16	27° 2	11°R19	8°47	14° 6	21°39	21°57	17° 2	16° 5	25°38	26°D 9	26°12	7°46	n.a.	T 18
F 19	23 42 2	25°23'39	8♈51	11°12	9°39	13°44	21°48	22° 2	17° 4	16° 5	25°40	26° 9	26° 9	7°52	n.a.	F 19
S 20	23 45 59	26°25'03	20°38	10°54	10°32	13°23	21°57	22° 7	17° 6	16°R 5	25°42	26°R 9	26° 6	7°59	n.a.	S 20
S 21	23 49 55	27°26'26	2♉28	10°23	11°26	13° 2	22° 6	22°12	17° 8	16° 5	25°45	26° 9	26° 3	8° 6	n.a.	S 21
M22	23 53 52	28°27'50	14°22	9°42	12°20	12°42	22°15	22°18	17°10	16° 5	25°47	26° 9	26° 0	8°12	n.a.	M22
T 23	23 57 48	29°29'14	26°23	8°49	13°15	12°22	22°23	22°23	17°11	16° 5	25°49	26° 9	25°56	8°19	n.a.	T 23
W24	0 1 45	0♎30'38	8♊36	7°46	14°10	12° 3	22°32	22°29	17°13	16° 4	25°51	26° 8	25°53	8°26	n.a.	W24
T 25	0 5 42	1°32'02	21° 4	6°35	15° 6	11°44	22°40	22°34	17°15	16° 4	25°54	26° 8	25°50	8°32	n.a.	T 25
F 26	0 9 38	2°33'27	3♋51	5°18	16° 3	11°27	22°48	22°40	17°16	16° 4	25°56	26°D 8	25°47	8°39	n.a.	F 26
S 27	0 13 35	3°34'51	17° 0	3°57	17° 0	11° 9	22°56	22°45	17°18	16° 4	25°58	26° 8	25°44	8°46	n.a.	S 27
S 28	0 17 31	4°36'16	0♌35	2°36	17°58	10°53	23° 4	22°51	17°19	16° 4	26° 1	26° 9	25°41	8°52	n.a.	S 28
M29	0 21 28	5°37'41	14°37	1°16	18°56	10°37	23°12	22°57	17°21	16° 3	26° 3	26° 9	25°37	8°59	n.a.	M29
T 30	0 25 24	6°39'05	29° 5	0° 1	19°55	10°22	23°19	23° 3	17°22	16° 3	26° 5	26°10	25°34	9° 6	n.a.	T 30
W31	0 29 21	7♎40'30	13♍56	28♍52	20♌55	10♓ 8	23♋27	23♏ 9	17♋24	16♊ 3	26♍ 7	26♍11	25♍31	9♈12	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	9n11	15n16	4s 1	0s15	2s13	19n12	2s17	5s17	1s39	24n 3	1n19	18s17	0n 9	23n49	0n44	23n43	0n22	10n32	9n18	1n32	1n11	1n41			n.a.
T 2	8 48	11 58	3 2	0 52	2 15	19 16	2 6	5 24	1 37	24 2	1 19	18 18	0 9	23 48	0 44	23 43	0 22	10 31	9 18	1 33	1 12	1 43			n.a.
W 3	8 24	7 50	1 49	1 27	2 18	19 20	1 55	5 32	1 34	24 0	1 19	18 19	0 9	23 48	0 44	23 43	0 22	10 30	9 18	1 34	1 13	1 45			n.a.
T 4	8 1	3 10	0 27	2 1	2 20	19 23	1 44	5 39	1 32	23 59	1 20	18 21	0 9	23 48	0 45	23 43	0 22	10 29	9 18	1 34	1 15	1 46			n.a.
F 5	7 37	1s43	0n56	2 34	2 21	19 25	1 34	5 46	1 30	23 58	1 20	18 22	0 9	23 48	0 45	23 43	0 22	10 28	9 18	1 34	1 16	1 48			n.a.
S 6	7 13	6 26	2 15	3 6	2 22	19 27	1 24	5 54	1 27	23 56	1 20	18 23	0 8	23 47	0 45	23 43	0 22	10 27	9 18	1 34	1 17	1 50			n.a.
S 7	6 49	10 41	3 23	3 36	2 22	19 28	1 14	6 1	1 25	23 55	1 20	18 24	0 8	23 47	0 45	23 43	0 22	10 26	9 17	1 33	1 19	1 52			n.a.
M 8	6 24	14 11	4 18	4 4	2 22	19 28	1 4	6 8	1 23	23 54	1 21	18 25	0 8	23 47	0 45	23 44	0 22	10 25	9 17	1 33	1 20	1 54			n.a.
T 9	6 0	16 46	4 55	4 29	2 21	19 28	0 55	6 16	1 20	23 52	1 21	18 27	0 8	23 46	0 45	23 44	0 22	10 24	9 17	1 32	1 21	1 56			n.a.
W10	5 36	18 19	5 15	4 53	2 18	19 27	0 46	6 23	1 18	23 51	1 21	18 28	0 8	23 46	0 45	23 44	0 22	10 23	9 17	1 32	1 23	1 58			n.a.
T 11	5 11	18 50	5 17	5 13	2 15	19 25	0 37	6 30	1 15	23 50	1 21	18 29	0 8	23 46	0 45	23 44	0 22	10 21	9 17	1 33	1 24	2 0			n.a.
F 12	4 47	18 20	5 3	5 31	2 11	19 22	0 28	6 37	1 12	23 48	1 21	18 31	0 8	23 46	0 45	23 44	0 22	10 20	9 17	1 33	1 25	2 2			n.a.
S 13	4 22	16 56	4 34	5 45	2 6	19 19	0 20	6 44	1 10	23 47	1 22	18 32	0 8	23 45	0 45	23 44	0 22	10 19	9 17	1 33	1 26	2 4			n.a.
S 14	3 57	14 46	3 54	5 55	1 59	19 15	0 11	6 51	1 7	23 46	1 22	18 33	0 8	23 45	0 45	23 44	0 22	10 18	9 16	1 34	1 28	2 6			n.a.
M15	3 32	11 57	3 3	6 1	1 51	19 11	0 3	6 58	1 5	23 44	1 22	18 35	0 8	23 45	0 45	23 44	0 22	10 17	9 16	1 34	1 29	2 7			n.a.
T 16	3 8	8 40	2 4	6 1	1 41	19 5	0n 5	7 5	1 2	23 43	1 22	18 36	0 7	23 45	0 45	23 44	0 23	10 16	9 16	1 34	1 30	2 9			n.a.
W17	2 43	5 4	1 1	5 57	1 31	19 0	0 12	7 12	0 59	23 42	1 23	18 37	0 7	23 44	0 45	23 44	0 23	10 15	9 16	1 34	1 32	2 11			n.a.
T 18	2 18	1 17	0s 5	5 47	1 18	18 53	0 20	7 18	0 57	23 41	1 23	18 39	0 7	23 44	0 45	23 44	0 23	10 14	9 16	1 34	1 33	2 13			n.a.
F 19	1 53	2n32	1 10	5 32	1 4	18 46	0 27	7 24	0 54	23 40	1 23	18 40	0 7	23 44	0 45	23 44	0 23	10 13	9 16	1 34	1 34	2 15			n.a.
S 20	1 28	6 15	2 12	5 10	0 48	18 38	0 34	7 30	0 52	23 38	1 24	18 42	0 7	23 44	0 45	23 44	0 23	10 12	9 16	1 34	1 36	2 17			n.a.
S 21	1 3	9 43	3 9	4 42	0 31	18 29	0 40	7 36	0 49	23 37	1 24	18 43	0 7	23 44	0 45	23 44	0 23	10 11	9 16	1 34	1 37	2 19			n.a.
M22	0 38	12 49	3 58	4 9	0 13	18 20	0 47	7 41	0 46	23 36	1 24	18 45	0 7	23 43	0 45	23 44	0 23	10 10	9 16	1 34	1 38	2 21			n.a.
T 23	0 13	15 25	4 37	3 29	0n 6	18 10	0 53	7 47	0 44	23 35	1 24	18 46	0 7	23 43	0 45	23 44	0 23	10 9	9 16	1 34	1 39	2 23			n.a.
W24	0s13	17 22	5 4	2 46	0 26	17 59	0 59	7 52	0 41	23 34	1 25	18 48	0 7	23 43	0 45	23 44	0 23	10 8	9 16	1 35	1 41	2 25			n.a.
T 25	0 38	18 32	5 17	1 58	0 47	17 48	1 5	7 57	0 39	23 32	1 25	18 49	0 7	23 43	0 45	23 44	0 23	10 7	9 15	1 35	1 42	2 26			n.a.
F 26	1 3	18 48	5 15	1 9	1 7	17 36	1 11	8 1	0 36	23 31	1 25	18 51	0 6	23 43	0 45	23 44	0 23	10 6	9 15	1 35	1 43	2 28			n.a.
S 27	1 28	18 5	4 57	0 18	1 26	17 23	1 17	8 6	0 34	23 30	1 25	18 53	0 6	23 43	0 45	23 44	0 23	10 5	9 15	1 35	1 45	2 30			n.a.
S 28	1 53	16 19	4 23	0n32	1 45	17 10	1 22	8 10	0 31	23 29	1 26	18 54	0 6	23 42	0 46	23 44	0 23	10 4	9 15	1 34	1 46	2 32			n.a.
M29	2 18	13 32	3 31	1 20	2 2	16 56	1 27	8 14	0 28	23 28	1 26	18 56	0 6	23 42	0 46	23 44	0 23	10 3	9 15	1 34	1 47	2 34			n.a.
T 30	2 43	9 51	2 25	2 5	2 17	16 42	1 32	8 17	0 26	23 27	1 26	18 57	0 6	23 42	0 46	23 44	0 23	10 2	9 15	1 34	1 48	2 36			n.a.
W31	3s 8	5n27	1s 8	2n45	2n30	16n27	1n37	8s21	0s24	23n26	1n27	18s59	0n 6	23n42	0n46	23n44	0n23	10n 1	9n15	1n34	1n50	2n38			n.a.

Julian Day Number = 200430.5, Delta T = 32h11m15s
Ecliptic obliquity = 24°06'42, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°17'01, Lahiri = -61°10'00 Julian Calendar 1 Oct. 4165 BCE == Greg. Calendar 29 Aug. 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

NOVEMBER 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 33 18	8♎41'54	29♍ 3	27°R51	21♌55	9°R54	23♋34	23♏15	17♋25	16°R 2	26♍10	26°R11	25♍28	9♈19	n.a.	T 1
F 2	0 37 14	9°43'17	14♎18	26♍59	22°55	9♓42	23°41	23°21	17°26	16♊ 2	26°12	26♍11	25°25	9°26	n.a.	F 2
S 3	0 41 11	10°44'41	29°30	26°17	23°56	9°30	23°48	23°27	17°27	16° 1	26°14	26° 9	25°22	9°32	n.a.	S 3
S 4	0 45 7	11°46'04	14♏31	25°46	24°57	9°19	23°55	23°33	17°29	16° 1	26°16	26° 8	25°18	9°39	n.a.	S 4
M 5	0 49 4	12°47'26	29°11	25°24	25°58	9° 9	24° 2	23°39	17°30	16° 0	26°19	26° 5	25°15	9°45	n.a.	M 5
T 6	0 53 1	13°48'47	13♐25	25°12	27° 0	8°59	24° 8	23°46	17°31	16° 0	26°21	26° 3	25°12	9°52	n.a.	T 6
W 7	0 56 57	14°50'07	27°12	25°D 9	28° 2	8°51	24°15	23°52	17°32	15°59	26°23	26° 1	25° 9	9°59	n.a.	W 7
T 8	1 0 54	15°51'27	10♑32	25°15	29° 5	8°43	24°21	23°58	17°33	15°59	26°25	26°D 1	25° 6	10° 5	n.a.	T 8
F 9	1 4 50	16°52'45	23°26	25°29	0♍ 8	8°36	24°27	24° 5	17°33	15°58	26°27	26° 1	25° 2	10°12	n.a.	F 9
S 10	1 8 47	17°54'02	5♒58	25°50	1°11	8°30	24°33	24°11	17°34	15°57	26°30	26° 2	24°59	10°19	n.a.	S 10
S 11	1 12 43	18°55'19	18°14	26°18	2°15	8°25	24°39	24°18	17°35	15°57	26°32	26° 3	24°56	10°25	n.a.	S 11
M12	1 16 40	19°56'34	0♓17	26°52	3°19	8°20	24°45	24°24	17°36	15°56	26°34	26° 5	24°53	10°32	n.a.	M12
T 13	1 20 37	20°57'48	12°11	27°31	4°23	8°16	24°50	24°31	17°36	15°55	26°36	26° 7	24°50	10°39	n.a.	T 13
W14	1 24 33	21°59'01	24° 0	28°16	5°28	8°13	24°56	24°38	17°37	15°54	26°38	26°R 7	24°47	10°45	n.a.	W14
T 15	1 28 30	23° 0'13	5♈47	29° 4	6°33	8°11	25° 1	24°44	17°37	15°53	26°40	26° 7	24°43	10°52	n.a.	T 15
F 16	1 32 26	24° 1'23	17°35	29°57	7°38	8°10	25° 6	24°51	17°38	15°53	26°42	26° 5	24°40	10°59	n.a.	F 16
S 17	1 36 23	25° 2'33	29°26	0♎53	8°43	8°D 9	25°11	24°58	17°38	15°52	26°44	26° 2	24°37	11° 5	n.a.	S 17
S 18	1 40 19	26° 3'42	11♉22	1°52	9°49	8°10	25°15	25° 5	17°39	15°51	26°46	25°57	24°34	11°12	n.a.	S 18
M19	1 44 16	27° 4'49	23°25	2°54	10°55	8°11	25°20	25°12	17°39	15°50	26°48	25°51	24°31	11°19	n.a.	M19
T 20	1 48 13	28° 5'56	5♊35	3°59	12° 1	8°12	25°24	25°18	17°39	15°49	26°51	25°45	24°27	11°25	n.a.	T 20
W21	1 52 9	29° 7'02	17°56	5° 6	13° 7	8°15	25°28	25°25	17°39	15°48	26°53	25°40	24°24	11°32	n.a.	W21
T 22	1 56 6	0♏ 8'06	0♋30	6°16	14°14	8°18	25°32	25°32	17°39	15°47	26°55	25°35	24°21	11°39	n.a.	T 22
F 23	2 0 2	1° 9'10	13°18	7°27	15°20	8°22	25°36	25°39	17°40	15°46	26°57	25°32	24°18	11°45	n.a.	F 23
S 24	2 3 59	2°10'13	26°23	8°40	16°27	8°26	25°40	25°46	17°R40	15°45	26°58	25°D30	24°15	11°52	n.a.	S 24
S 25	2 7 55	3°11'14	9♌48	9°55	17°34	8°32	25°43	25°53	17°40	15°44	27° 0	25°30	24°12	11°59	n.a.	S 25
M26	2 11 52	4°12'15	23°36	11°11	18°42	8°37	25°47	26° 1	17°39	15°42	27° 2	25°31	24° 8	12° 5	n.a.	M26
T 27	2 15 49	5°13'14	7♍46	12°29	19°49	8°44	25°50	26° 8	17°39	15°41	27° 4	25°33	24° 5	12°12	n.a.	T 27
W28	2 19 45	6°14'13	22°19	13°48	20°57	8°51	25°53	26°15	17°39	15°40	27° 6	25°R34	24° 2	12°18	n.a.	W28
T 29	2 23 42	7°15'09	7♎10	15° 8	22° 5	8°59	25°55	26°22	17°39	15°39	27° 8	25°33	23°59	12°25	n.a.	T 29
F 30	2 27 38	8♏16'05	22♎14	16♎30	23♍13	9♓ 8	25♋58	26♏29	17♋38	15♊38	27♍10	25♍31	23♍56	12♈32	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s32	0n38	0n16	3n19	2n41	16n11	1n41	8s24	0s21	23n25	1n27	19s 1	0n 6	23n42	0n46	23n44	0n23	10n 0	9n15	1n33	1n51	2n40		n.a.
F 2	3 57	4s17	1 39	3 49	2 49	15 55	1 45	8 26	0 19	23 24	1 27	19 2	0 6	23 42	0 46	23 44	0 23	9 59	9 15	1 34	1 52	2 42		n.a.
S 3	4 22	8 54	2 55	4 12	2 56	15 38	1 50	8 29	0 16	23 23	1 28	19 4	0 6	23 42	0 46	23 44	0 23	9 58	9 15	1 34	1 54	2 43		n.a.
S 4	4 47	12 52	3 57	4 29	3 1	15 21	1 54	8 31	0 14	23 22	1 28	19 6	0 6	23 41	0 46	23 44	0 23	9 58	9 15	1 35	1 55	2 45		n.a.
M 5	5 11	15 57	4 43	4 40	3 4	15 3	1 57	8 33	0 12	23 21	1 28	19 7	0 6	23 41	0 46	23 44	0 23	9 57	9 15	1 36	1 56	2 47		n.a.
T 6	5 36	17 56	5 9	4 46	3 5	14 45	2 1	8 34	0 10	23 20	1 28	19 9	0 5	23 41	0 46	23 44	0 23	9 56	9 15	1 37	1 58	2 49		n.a.
W 7	6 0	18 48	5 17	4 47	3 5	14 26	2 4	8 36	0 7	23 19	1 29	19 11	0 5	23 41	0 46	23 44	0 23	9 55	9 15	1 37	1 59	2 51		n.a.
T 8	6 24	18 35	5 7	4 43	3 3	14 6	2 8	8 37	0 5	23 19	1 29	19 12	0 5	23 41	0 46	23 44	0 23	9 54	9 15	1 38	2 0	2 53		n.a.
F 9	6 49	17 24	4 41	4 35	3 1	13 46	2 11	8 37	0 3	23 18	1 29	19 14	0 5	23 41	0 46	23 44	0 23	9 53	9 15	1 38	2 1	2 55		n.a.
S 10	7 13	15 23	4 3	4 24	2 57	13 26	2 14	8 38	0 1	23 17	1 30	19 16	0 5	23 41	0 46	23 44	0 23	9 52	9 15	1 37	2 3	2 57		n.a.
S 11	7 37	12 43	3 14	4 8	2 53	13 5	2 16	8 38	0n 1	23 16	1 30	19 18	0 5	23 41	0 46	23 44	0 23	9 51	9 15	1 37	2 4	2 59		n.a.
M12	8 1	9 32	2 18	3 50	2 48	12 43	2 19	8 38	0 3	23 16	1 30	19 19	0 5	23 41	0 46	23 44	0 23	9 50	9 15	1 36	2 5	3 1		n.a.
T 13	8 24	6 1	1 16	3 29	2 42	12 21	2 21	8 37	0 5	23 15	1 31	19 21	0 5	23 41	0 46	23 44	0 23	9 50	9 15	1 35	2 7	3 2		n.a.
W14	8 48	2 16	0 12	3 5	2 36	11 59	2 24	8 37	0 7	23 14	1 31	19 23	0 5	23 41	0 46	23 44	0 23	9 49	9 15	1 35	2 8	3 4		n.a.
T 15	9 11	1n33	0s53	2 39	2 29	11 36	2 26	8 36	0 9	23 13	1 31	19 25	0 5	23 41	0 46	23 44	0 23	9 48	9 15	1 35	2 9	3 6		n.a.
F 16	9 34	5 19	1 55	2 11	2 22	11 13	2 28	8 34	0 11	23 13	1 32	19 26	0 5	23 41	0 46	23 44	0 23	9 47	9 15	1 36	2 10	3 8		n.a.
S 17	9 57	8 54	2 53	1 42	2 15	10 49	2 29	8 33	0 13	23 12	1 32	19 28	0 4	23 41	0 47	23 43	0 23	9 46	9 15	1 37	2 12	3 10		n.a.
S 18	10 20	12 8	3 43	1 11	2 8	10 26	2 31	8 31	0 14	23 12	1 32	19 30	0 4	23 41	0 47	23 43	0 23	9 46	9 15	1 39	2 13	3 12		n.a.
M19	10 43	14 54	4 24	0 39	2 0	10 1	2 33	8 29	0 16	23 11	1 33	19 32	0 4	23 41	0 47	23 43	0 23	9 45	9 15	1 42	2 14	3 14		n.a.
T 20	11 6	17 2	4 53	0 5	1 52	9 36	2 34	8 27	0 18	23 11	1 33	19 34	0 4	23 41	0 47	23 43	0 23	9 44	9 15	1 44	2 16	3 16		n.a.
W21	11 28	18 25	5 9	0s29	1 45	9 11	2 35	8 25	0 19	23 10	1 33	19 35	0 4	23 41	0 47	23 43	0 23	9 43	9 16	1 46	2 17	3 18		n.a.
T 22	11 50	18 56	5 11	1 5	1 37	8 46	2 36	8 22	0 21	23 10	1 34	19 37	0 4	23 41	0 47	23 43	0 24	9 42	9 16	1 48	2 18	3 19		n.a.
F 23	12 12	18 30	4 57	1 41	1 29	8 20	2 37	8 19	0 23	23 9	1 34	19 39	0 4	23 41	0 47	23 43	0 24	9 42	9 16	1 50	2 20	3 21		n.a.
S 24	12 34	17 5	4 28	2 18	1 21	7 54	2 38	8 16	0 24	23 9	1 34	19 41	0 4	23 41	0 47	23 43	0 24	9 41	9 16	1 50	2 21	3 23		n.a.
S 25	12 55	14 42	3 44	2 56	1 13	7 28	2 38	8 12	0 26	23 9	1 35	19 43	0 4	23 41	0 47	23 43	0 24	9 40	9 16	1 50	2 22	3 25		n.a.
M26	13 16	11 26	2 45	3 34	1 4	7 1	2 39	8 9	0 27	23 8	1 35	19 44	0 4	23 41	0 47	23 43	0 24	9 40	9 16	1 50	2 23	3 27		n.a.
T 27	13 38	7 25	1 35	4 12	0 56	6 34	2 39	8 5	0 29	23 8	1 36	19 46	0 4	23 41	0 47	23 43	0 24	9 39	9 16	1 49	2 25	3 29		n.a.
W28	13 58	2 52	0 18	4 51	0 48	6 7	2 39	8 1	0 30	23 8	1 36	19 48	0 3	23 41	0 47	23 42	0 24	9 38	9 16	1 49	2 26	3 31		n.a.
T 29	14 19	1s58	1n 3	5 30	0 41	5 39	2 40	7 56	0 32	23 8	1 36	19 50	0 3	23 41	0 47	23 42	0 24	9 37	9 16	1 49	2 27	3 33		n.a.
F 30	14s39	6s44	2n20	6s10	0n33	5n12	2n39	7s52	0n33	23n 8	1n37	19s52	0n 3	23n41	0n47	23n42	0n24	9n37	9n16	1n50	2n29	3n35		n.a.

Julian Day Number = 200461.5, Delta T = 32h11m12s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'57, Lahiri = -61°09'56 Julian Calendar 1 Nov. 4165 BCE == Greg. Calendar 29 Sept. 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4165 BCE
geocentric

DECEMBER 4165 BCE (-4164) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 31 35	9♏16'59	7♏23	17♎52	24♍21	9♓17	26♋ 0	26♏37	17°R38	15°R36	27♍12	25°R26	23♍53	12♈38	n.a.	S 1
S 2	2 35 31	10°17'52	22°26	19°16	25°29	9°26	26° 3	26°44	17♋38	15♊35	27°14	25♍20	23°49	12°45	n.a.	S 2
M 3	2 39 28	11°18'43	7♐14	20°41	26°38	9°37	26° 5	26°51	17°37	15°34	27°15	25°12	23°46	12°52	n.a.	M 3
T 4	2 43 25	12°19'33	21°39	22° 6	27°47	9°48	26° 6	26°58	17°37	15°33	27°17	25° 4	23°43	12°58	n.a.	T 4
W 5	2 47 21	13°20'20	5♑36	23°33	28°55	9°59	26° 8	27° 6	17°36	15°31	27°19	24°58	23°40	13° 5	n.a.	W 5
T 6	2 51 18	14°21'06	19° 5	25° 0	0♎ 4	10°11	26° 9	27°13	17°35	15°30	27°21	24°53	23°37	13°12	n.a.	T 6
F 7	2 55 14	15°21'49	2♒ 5	26°29	1°13	10°24	26°11	27°20	17°35	15°28	27°22	24°50	23°33	13°18	n.a.	F 7
S 8	2 59 11	16°22'31	14°41	27°58	2°22	10°37	26°12	27°28	17°34	15°27	27°24	24°D49	23°30	13°25	n.a.	S 8
S 9	3 3 7	17°23'11	26°57	29°28	3°31	10°50	26°13	27°35	17°33	15°26	27°26	24°49	23°27	13°32	n.a.	S 9
M10	3 7 4	18°23'48	8♓58	0♏59	4°41	11° 5	26°13	27°43	17°32	15°24	27°27	24°50	23°24	13°38	n.a.	M10
T 11	3 11 1	19°24'23	20°49	2°31	5°50	11°19	26°14	27°50	17°31	15°23	27°29	24°R51	23°21	13°45	n.a.	T 11
W12	3 14 57	20°24'57	2♈36	4° 3	6°59	11°34	26°14	27°57	17°30	15°21	27°30	24°51	23°18	13°52	n.a.	W12
T 13	3 18 54	21°25'28	14°22	5°37	8° 9	11°50	26°R14	28° 5	17°29	15°20	27°32	24°49	23°14	13°58	n.a.	T 13
F 14	3 22 50	22°25'57	26°12	7°12	9°19	12° 6	26°14	28°12	17°28	15°18	27°33	24°44	23°11	14° 5	n.a.	F 14
S 15	3 26 47	23°26'24	8♉ 9	8°47	10°29	12°22	26°14	28°20	17°27	15°17	27°35	24°37	23° 8	14°12	n.a.	S 15
S 16	3 30 43	24°26'49	20°14	10°23	11°38	12°39	26°13	28°27	17°26	15°15	27°36	24°27	23° 5	14°18	n.a.	S 16
M17	3 34 40	25°27'12	2♊29	12° 0	12°48	12°57	26°13	28°35	17°25	15°14	27°38	24°16	23° 2	14°25	n.a.	M17
T 18	3 38 36	26°27'34	14°55	13°38	13°58	13°14	26°12	28°42	17°24	15°12	27°39	24° 4	22°59	14°32	n.a.	T 18
W19	3 42 33	27°27'53	27°32	15°17	15° 9	13°33	26°11	28°50	17°22	15°11	27°41	23°52	22°55	14°38	n.a.	W19
T 20	3 46 30	28°28'11	10♋20	16°57	16°19	13°51	26°10	28°57	17°21	15° 9	27°42	23°42	22°52	14°45	n.a.	T 20
F 21	3 50 26	29°28'26	23°19	18°38	17°29	14°10	26° 8	29° 5	17°20	15° 8	27°43	23°35	22°49	14°52	n.a.	F 21
S 22	3 54 23	0♐28'40	6♌32	20°20	18°39	14°30	26° 7	29°12	17°18	15° 6	27°45	23°30	22°46	14°58	n.a.	S 22
S 23	3 58 19	1°28'52	19°58	22° 3	19°50	14°49	26° 5	29°20	17°17	15° 4	27°46	23°27	22°43	15° 5	n.a.	S 23
M24	4 2 16	2°29'03	3♍39	23°46	21° 0	15° 9	26° 3	29°27	17°15	15° 3	27°47	23°D27	22°39	15°12	n.a.	M24
T 25	4 6 12	3°29'11	17°37	25°31	22°11	15°30	26° 1	29°35	17°14	15° 1	27°48	23°R27	22°36	15°18	n.a.	T 25
W26	4 10 9	4°29'17	1♎51	27°17	23°21	15°50	25°58	29°42	17°12	15° 0	27°50	23°27	22°33	15°25	n.a.	W26
T 27	4 14 6	5°29'22	16°21	29° 4	24°32	16°12	25°56	29°49	17°10	14°58	27°51	23°25	22°30	15°31	n.a.	T 27
F 28	4 18 2	6°29'25	1♏ 2	0♐52	25°43	16°33	25°53	29°57	17° 9	14°56	27°52	23°21	22°27	15°38	n.a.	F 28
S 29	4 21 59	7°29'26	15°50	2°41	26°54	16°55	25°50	0♐ 4	17° 7	14°55	27°53	23°13	22°24	15°45	n.a.	S 29
S 30	4 25 55	8°29'25	0♐36	4°31	28° 4	17°17	25°47	0°12	17° 5	14°53	27°54	23° 4	22°20	15°51	n.a.	S 30
M31	4 29 52	9♐29'21	15♐14	6♐22	29♎15	17♓39	25♋44	0♐19	17♋ 3	14♊51	27♍55	22♍52	22♍17	15♈58	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s59	11s 6	3n27	6s49	0n25	4n44	2n39	7s47	0n34	23n 8	1n37	19s53	0n 3	23n42	0n47	23n42	0n24	9n36	9n16	1n52	2n30	3n36		n.a.
S 2	15 19	14 43	4 20	7 29	0 17	4 16	2 39	7 42	0 36	23 7	1 37	19 55	0 3	23 42	0 47	23 42	0 24	9 36	9 17	1 54	2 31	3 38		n.a.
M 3	15 39	17 18	4 54	8 9	0 10	3 47	2 39	7 37	0 37	23 7	1 38	19 57	0 3	23 42	0 47	23 42	0 24	9 35	9 17	1 58	2 32	3 40		n.a.
T 4	15 58	18 43	5 8	8 49	0 2	3 19	2 38	7 32	0 38	23 7	1 38	19 59	0 3	23 42	0 47	23 42	0 24	9 34	9 17	2 1	2 34	3 42		n.a.
W 5	16 17	18 56	5 3	9 28	0s 5	2 50	2 38	7 26	0 39	23 7	1 38	20 1	0 3	23 42	0 47	23 42	0 24	9 34	9 17	2 3	2 35	3 44		n.a.
T 6	16 35	18 4	4 42	10 8	0 12	2 21	2 37	7 20	0 41	23 8	1 39	20 3	0 3	23 42	0 47	23 42	0 24	9 33	9 17	2 5	2 36	3 46		n.a.
F 7	16 54	16 15	4 6	10 48	0 19	1 53	2 36	7 14	0 42	23 8	1 39	20 4	0 3	23 42	0 47	23 41	0 24	9 32	9 17	2 7	2 38	3 48		n.a.
S 8	17 12	13 43	3 20	11 27	0 26	1 23	2 35	7 8	0 43	23 8	1 39	20 6	0 3	23 42	0 48	23 41	0 24	9 32	9 17	2 7	2 39	3 50		n.a.
S 9	17 30	10 37	2 25	12 6	0 33	0 54	2 34	7 2	0 44	23 8	1 40	20 8	0 3	23 43	0 48	23 41	0 24	9 31	9 17	2 7	2 40	3 52		n.a.
M10	17 47	7 8	1 25	12 45	0 40	0 25	2 33	6 55	0 45	23 8	1 40	20 10	0 2	23 43	0 48	23 41	0 24	9 31	9 18	2 6	2 42	3 53		n.a.
T 11	18 4	3 24	0 22	13 24	0 46	0s 4	2 32	6 49	0 46	23 8	1 41	20 12	0 2	23 43	0 48	23 41	0 24	9 30	9 18	2 6	2 43	3 55		n.a.
W12	18 21	0n26	0s42	14 2	0 52	0 34	2 30	6 42	0 47	23 9	1 41	20 13	0 2	23 43	0 48	23 41	0 24	9 30	9 18	2 6	2 44	3 57		n.a.
T 13	18 37	4 15	1 43	14 40	0 58	1 3	2 29	6 35	0 48	23 9	1 41	20 15	0 2	23 43	0 48	23 41	0 24	9 29	9 18	2 7	2 45	3 59		n.a.
F 14	18 53	7 55	2 40	15 18	1 4	1 33	2 27	6 28	0 49	23 9	1 42	20 17	0 2	23 43	0 48	23 40	0 24	9 29	9 18	2 9	2 47	4 1		n.a.
S 15	19 9	11 18	3 31	15 55	1 9	2 2	2 26	6 20	0 50	23 10	1 42	20 19	0 2	23 44	0 48	23 40	0 24	9 28	9 18	2 12	2 48	4 3		n.a.
S 16	19 25	14 16	4 12	16 31	1 15	2 32	2 24	6 13	0 51	23 10	1 42	20 21	0 2	23 44	0 48	23 40	0 24	9 28	9 18	2 16	2 49	4 5		n.a.
M17	19 40	16 38	4 42	17 7	1 20	3 1	2 22	6 5	0 52	23 11	1 43	20 22	0 2	23 44	0 48	23 40	0 24	9 27	9 19	2 20	2 51	4 7		n.a.
T 18	19 54	18 16	5 0	17 43	1 24	3 31	2 20	5 57	0 53	23 11	1 43	20 24	0 2	23 44	0 48	23 40	0 24	9 27	9 19	2 25	2 52	4 9		n.a.
W19	20 9	19 2	5 3	18 17	1 29	4 1	2 18	5 49	0 54	23 12	1 43	20 26	0 2	23 44	0 48	23 40	0 24	9 27	9 19	2 30	2 53	4 10		n.a.
T 20	20 23	18 52	4 51	18 51	1 33	4 30	2 16	5 41	0 55	23 12	1 44	20 28	0 2	23 45	0 48	23 39	0 24	9 26	9 19	2 34	2 54	4 12		n.a.
F 21	20 36	17 42	4 24	19 24	1 37	5 0	2 14	5 33	0 55	23 13	1 44	20 29	0 2	23 45	0 48	23 39	0 24	9 26	9 19	2 37	2 56	4 14		n.a.
S 22	20 49	15 34	3 43	19 56	1 40	5 29	2 12	5 25	0 56	23 14	1 44	20 31	0 1	23 45	0 48	23 39	0 24	9 25	9 19	2 39	2 57	4 16		n.a.
S 23	21 2	12 35	2 48	20 27	1 43	5 58	2 10	5 16	0 57	23 14	1 45	20 33	0 1	23 45	0 48	23 39	0 24	9 25	9 20	2 40	2 58	4 18		n.a.
M24	21 14	8 51	1 43	20 57	1 46	6 28	2 7	5 7	0 58	23 15	1 45	20 35	0 1	23 46	0 48	23 39	0 24	9 25	9 20	2 40	3 0	4 20		n.a.
T 25	21 26	4 33	0 31	21 26	1 49	6 57	2 5	4 59	0 59	23 16	1 45	20 36	0 1	23 46	0 48	23 39	0 24	9 24	9 20	2 40	3 1	4 22		n.a.
W26	21 38	0s 5	0n45	21 54	1 51	7 26	2 3	4 50	0 59	23 17	1 46	20 38	0 1	23 46	0 48	23 38	0 24	9 24	9 20	2 40	3 2	4 24		n.a.
T 27	21 49	4 47	1 59	22 20	1 52	7 55	2 0	4 41	1 0	23 17	1 46	20 40	0 1	23 46	0 48	23 38	0 24	9 24	9 20	2 41	3 3	4 25		n.a.
F 28	22 0	9 16	3 6	22 45	1 54	8 24	1 58	4 31	1 1	23 18	1 47	20 42	0 1	23 47	0 48	23 38	0 24	9 24	9 21	2 43	3 5	4 27		n.a.
S 29	22 10	13 13	4 0	23 9	1 54	8 52	1 55	4 22	1 1	23 19	1 47	20 43	0 1	23 47	0 48	23 38	0 24	9 23	9 21	2 46	3 6	4 29		n.a.
S 30	22 20	16 18	4 39	23 31	1 55	9 21	1 52	4 13	1 2	23 20	1 47	20 45	0 1	23 47	0 48	23 38	0 24	9 23	9 21	2 50	3 7	4 31		n.a.
M31	22s30	18s19	4n59	23s51	1s55	9s49	1n50	4s 3	1n 3	23n21	1n48	20s47	0n 1	23n47	0n48	23n38	0n24	9n23	9n21	2n54	3n 9	4n33		n.a.

Julian Day Number = 200491.5, Delta T = 32h11m09s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'52, Lahiri = -61°09'52 Julian Calendar 1 Dec. 4165 BCE == Greg. Calendar 29 Oct. 4165 BCE

The year -4164 astronomical counting style corresponds to year 4165 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

JANUARY 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 33 48	10♐29'16	29♐34	8♐14	0♏26	18♓ 2	25°R40	0♐27	17°R 1	14°R50	27♍56	22°R40	22♍14	16♈ 5	n.a.	T 1
W 2	4 37 45	11°29'08	13♑31	10° 7	1°37	18°25	25♋37	0°34	16♋59	14♊48	27°57	22♍29	22°11	16°11	n.a.	W 2
T 3	4 41 41	12°28'58	27° 2	12° 1	2°48	18°48	25°33	0°41	16°58	14°46	27°58	22°21	22° 8	16°18	n.a.	T 3
F 4	4 45 38	13°28'45	10♒ 6	13°56	3°59	19°12	25°29	0°49	16°56	14°45	27°59	22°14	22° 5	16°25	n.a.	F 4
S 5	4 49 34	14°28'30	22°46	15°52	5°10	19°36	25°25	0°56	16°54	14°43	28° 0	22°10	22° 1	16°31	n.a.	S 5
S 6	4 53 31	15°28'12	5♓ 5	17°49	6°21	20° 0	25°21	1° 4	16°52	14°41	28° 1	22° 9	21°58	16°38	n.a.	S 6
M 7	4 57 28	16°27'52	17° 8	19°46	7°32	20°24	25°16	1°11	16°49	14°40	28° 2	22° 9	21°55	16°45	n.a.	M 7
T 8	5 1 24	17°27'29	29° 1	21°44	8°44	20°49	25°11	1°18	16°47	14°38	28° 2	22° 8	21°52	16°51	n.a.	T 8
W 9	5 5 21	18°27'03	10♈48	23°42	9°55	21°14	25° 7	1°25	16°45	14°36	28° 3	22° 7	21°49	16°58	n.a.	W 9
T 10	5 9 17	19°26'36	22°37	25°41	11° 6	21°39	25° 2	1°33	16°43	14°35	28° 4	22° 5	21°45	17° 5	n.a.	T 10
F 11	5 13 14	20°26'05	4♉30	27°40	12°17	22° 4	24°57	1°40	16°41	14°33	28° 4	21°59	21°42	17°11	n.a.	F 11
S 12	5 17 10	21°25'32	16°32	29°39	13°29	22°30	24°52	1°47	16°39	14°31	28° 5	21°51	21°39	17°18	n.a.	S 12
S 13	5 21 7	22°24'57	28°47	1♑37	14°40	22°56	24°46	1°54	16°36	14°30	28° 6	21°40	21°36	17°25	n.a.	S 13
M14	5 25 3	23°24'19	11♊15	3°34	15°51	23°22	24°41	2° 1	16°34	14°28	28° 6	21°27	21°33	17°31	n.a.	M14
T 15	5 29 0	24°23'39	23°57	5°31	17° 3	23°48	24°35	2° 9	16°32	14°26	28° 7	21°14	21°30	17°38	n.a.	T 15
W16	5 32 56	25°22'57	6♋53	7°26	18°14	24°15	24°29	2°16	16°30	14°25	28° 7	21° 0	21°26	17°45	n.a.	W16
T 17	5 36 53	26°22'13	20° 3	9°19	19°26	24°41	24°23	2°23	16°27	14°23	28° 8	20°49	21°23	17°51	n.a.	T 17
F 18	5 40 50	27°21'26	3♌23	11°10	20°37	25° 8	24°17	2°30	16°25	14°22	28° 8	20°40	21°20	17°58	n.a.	F 18
S 19	5 44 46	28°20'37	16°54	12°58	21°49	25°35	24°11	2°37	16°22	14°20	28° 9	20°33	21°17	18° 5	n.a.	S 19
S 20	5 48 43	29°19'46	0♍34	14°43	23° 0	26° 3	24° 5	2°44	16°20	14°18	28° 9	20°30	21°14	18°11	n.a.	S 20
M21	5 52 39	0♑18'53	14°23	16°25	24°12	26°30	23°59	2°51	16°18	14°17	28°10	20°29	21°10	18°18	n.a.	M21
T 22	5 56 36	1°17'58	28°20	18° 3	25°23	26°58	23°52	2°58	16°15	14°15	28°10	20°29	21° 7	18°25	n.a.	T 22
W23	6 0 32	2°17'01	12♎26	19°36	26°35	27°26	23°45	3° 5	16°13	14°14	28°10	20°29	21° 4	18°31	n.a.	W23
T 24	6 4 29	3°16'02	26°39	21° 5	27°47	27°54	23°39	3°11	16°10	14°12	28°10	20°27	21° 1	18°38	n.a.	T 24
F 25	6 8 25	4°15'01	10♏58	22°28	28°58	28°22	23°32	3°18	16° 8	14°10	28°11	20°23	20°58	18°45	n.a.	F 25
S 26	6 12 22	5°13'58	25°20	23°46	0♐10	28°50	23°25	3°25	16° 5	14° 9	28°11	20°16	20°55	18°51	n.a.	S 26
S 27	6 16 18	6°12'53	9♐41	24°58	1°22	29°19	23°18	3°32	16° 3	14° 7	28°11	20° 7	20°51	18°58	n.a.	S 27
M28	6 20 15	7°11'46	23°54	26° 4	2°33	29°48	23°11	3°38	16° 0	14° 6	28°11	19°56	20°48	19° 5	n.a.	M28
T 29	6 24 11	8°10'37	7♑54	27° 4	3°45	0♈16	23° 4	3°45	15°58	14° 4	28°11	19°44	20°45	19°11	n.a.	T 29
W30	6 28 8	9° 9'26	21°36	27°58	4°57	0°46	22°57	3°52	15°55	14° 3	28°11	19°34	20°42	19°18	n.a.	W30
T 31	6 32 4	10♑ 8'12	4♒58	28♑45	6♐ 9	1♈15	22♋49	3♐58	15♋53	14♊ 1	28°R11	19♍25	20♍39	19♈25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22s39	19s 7	4n59	24s10	1s54	10s17	1n47	3s53	1n 3	23n22	1n48	20s48	0n 1	23n48	0n49	23n37	0n24	9n22	9n21	2n59	3n10	4n35			n.a.
W 2	22 47	18 44	4 42	24 27	1 53	10 45	1 44	3 44	1 4	23 23	1 48	20 50	0 1	23 48	0 49	23 37	0 24	9 22	9 22	3 4	3 11	4 37			n.a.
T 3	22 55	17 16	4 9	24 42	1 51	11 12	1 41	3 34	1 5	23 24	1 48	20 52	0 0	23 48	0 49	23 37	0 24	9 22	9 22	3 7	3 12	4 39			n.a.
F 4	23 3	14 57	3 23	24 55	1 49	11 40	1 38	3 24	1 5	23 25	1 49	20 53	0 0	23 49	0 49	23 37	0 24	9 22	9 22	3 10	3 14	4 40			n.a.
S 5	23 11	11 58	2 29	25 5	1 46	12 7	1 35	3 14	1 6	23 26	1 49	20 55	0 0	23 49	0 49	23 37	0 24	9 22	9 22	3 11	3 15	4 42			n.a.
S 6	23 17	8 32	1 29	25 14	1 42	12 34	1 32	3 3	1 6	23 27	1 49	20 57	0 0	23 49	0 49	23 37	0 24	9 22	9 22	3 12	3 16	4 44			n.a.
M 7	23 24	4 49	0 27	25 20	1 38	13 1	1 29	2 53	1 7	23 29	1 50	20 58	0 0	23 49	0 49	23 36	0 24	9 21	9 23	3 12	3 18	4 46			n.a.
T 8	23 30	0 57	0s36	25 24	1 33	13 27	1 26	2 43	1 8	23 30	1 50	21 0	0 0	23 50	0 49	23 36	0 24	9 21	9 23	3 12	3 19	4 48			n.a.
W 9	23 35	2n54	1 37	25 25	1 28	13 53	1 23	2 32	1 8	23 31	1 50	21 1	0s 0	23 50	0 49	23 36	0 24	9 21	9 23	3 13	3 20	4 50			n.a.
T 10	23 41	6 40	2 34	25 24	1 21	14 19	1 20	2 21	1 9	23 32	1 51	21 3	0 0	23 50	0 49	23 36	0 24	9 21	9 23	3 14	3 21	4 52			n.a.
F 11	23 45	10 11	3 24	25 20	1 14	14 44	1 17	2 11	1 9	23 33	1 51	21 5	0 0	23 51	0 49	23 36	0 24	9 21	9 23	3 16	3 23	4 54			n.a.
S 12	23 49	13 20	4 6	25 14	1 7	15 9	1 14	2 0	1 10	23 35	1 51	21 6	0 0	23 51	0 49	23 35	0 24	9 21	9 24	3 19	3 24	4 55			n.a.
S 13	23 53	15 57	4 37	25 5	0 59	15 34	1 11	1 49	1 10	23 36	1 51	21 8	0 0	23 51	0 49	23 35	0 25	9 21	9 24	3 24	3 25	4 57			n.a.
M14	23 56	17 53	4 56	24 53	0 50	15 58	1 8	1 38	1 11	23 37	1 52	21 9	0 0	23 52	0 49	23 35	0 25	9 21	9 24	3 29	3 27	4 59			n.a.
T 15	23 59	18 58	5 0	24 40	0 40	16 22	1 4	1 27	1 11	23 38	1 52	21 11	0 1	23 52	0 49	23 35	0 25	9 21	9 24	3 34	3 28	5 1			n.a.
W16	24 2	19 7	4 49	24 24	0 30	16 46	1 1	1 16	1 11	23 40	1 52	21 12	0 1	23 52	0 49	23 35	0 25	9 21	9 24	3 40	3 29	5 3			n.a.
T 17	24 3	18 14	4 23	24 5	0 19	17 9	0 58	1 4	1 12	23 41	1 52	21 14	0 1	23 53	0 49	23 35	0 25	9 21	9 25	3 44	3 30	5 5			n.a.
F 18	24 5	16 21	3 42	23 45	0 8	17 32	0 55	0 53	1 12	23 42	1 53	21 15	0 1	23 53	0 49	23 34	0 25	9 21	9 25	3 48	3 32	5 7			n.a.
S 19	24 6	13 33	2 48	23 23	0n 4	17 54	0 52	0 42	1 13	23 44	1 53	21 17	0 1	23 53	0 49	23 34	0 25	9 21	9 25	3 51	3 33	5 9			n.a.
S 20	24 6	9 58	1 43	23 0	0 17	18 16	0 48	0 30	1 13	23 45	1 53	21 18	0 1	23 54	0 49	23 34	0 25	9 21	9 25	3 52	3 34	5 10			n.a.
M21	24 6	5 49	0 32	22 35	0 30	18 37	0 45	0 18	1 14	23 47	1 53	21 20	0 1	23 54	0 49	23 34	0 25	9 21	9 26	3 52	3 36	5 12			n.a.
T 22	24 6	1 19	0n42	22 9	0 43	18 58	0 42	0 7	1 14	23 48	1 54	21 21	0 1	23 54	0 49	23 34	0 25	9 21	9 26	3 52	3 37	5 14			n.a.
W23	24 5	3s19	1 54	21 43	0 56	19 19	0 39	0n 5	1 14	23 49	1 54	21 23	0 1	23 54	0 49	23 33	0 25	9 21	9 26	3 52	3 38	5 16			n.a.
T 24	24 4	7 47	2 59	21 16	1 10	19 39	0 36	0 17	1 15	23 51	1 54	21 24	0 1	23 55	0 49	23 33	0 25	9 21	9 26	3 53	3 39	5 18			n.a.
F 25	24 2	11 50	3 54	20 49	1 23	19 58	0 32	0 29	1 15	23 52	1 54	21 26	0 1	23 55	0 49	23 33	0 25	9 21	9 26	3 55	3 41	5 20			n.a.
S 26	24 0	15 12	4 34	20 22	1 37	20 17	0 29	0 40	1 15	23 54	1 54	21 27	0 1	23 55	0 49	23 33	0 25	9 21	9 27	3 58	3 42	5 22			n.a.
S 27	23 57	17 38	4 57	19 56	1 50	20 35	0 26	0 52	1 16	23 55	1 55	21 29	0 2	23 56	0 49	23 33	0 25	9 21	9 27	4 1	3 43	5 24			n.a.
M28	23 54	18 57	5 1	19 31	2 3	20 53	0 23	1 4	1 16	23 56	1 55	21 30	0 2	23 56	0 49	23 33	0 25	9 22	9 27	4 6	3 45	5 25			n.a.
T 29	23 51	19 6	4 47	19 7	2 16	21 10	0 20	1 17	1 17	23 58	1 55	21 31	0 2	23 56	0 49	23 32	0 25	9 22	9 27	4 10	3 46	5 27			n.a.
W30	23 47	18 6	4 17	18 44	2 28	21 27	0 16	1 29	1 17	23 59	1 55	21 33	0 2	23 57	0 49	23 32	0 25	9 22	9 27	4 15	3 47	5 29			n.a.
T 31	23s43	16s 8	3n33	18s23	2n40	21s43	0n13	1n41	1n17	24n 1	1n55	21s34	0s 2	23n57	0n49	23n32	0n25	9n22	9n28	4n18	3n48	5n31			n.a.

Julian Day Number = 200522.5, Delta T = 32h11m05s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'48, Lahiri = -61°09'48 Julian Calendar 1 Jan. 4164 BCE == Greg. Calendar 29 Nov. 4165 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

FEBRUARY 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 36 1	11♉ 6'56	17♒57	29♉25	7♐20	1♈44	22°R42	4♐ 5	15°R50	14°R 0	28°R11	19°R18	20♍36	19♈31	n.a.	F 1
S 2	6 39 58	12° 5'37	0♓35	29°58	8°32	2°14	22♋35	4°11	15♋47	13♊59	28♍11	19♍14	20°32	19°38	n.a.	S 2
S 3	6 43 54	13° 4'16	12°55	0♒25	9°44	2°43	22°27	4°18	15°45	13°57	28°11	19°13	20°29	19°45	n.a.	S 3
M 4	6 47 51	14° 2'52	24°59	0°44	10°56	3°13	22°20	4°24	15°42	13°56	28°11	19°D13	20°26	19°51	n.a.	M 4
T 5	6 51 47	15° 1'27	6♈54	0°57	12° 8	3°43	22°12	4°30	15°40	13°54	28°11	19°13	20°23	19°58	n.a.	T 5
W 6	6 55 44	15°59'58	18°43	1°R 3	13°20	4°13	22° 4	4°37	15°37	13°53	28°11	19°R13	20°20	20° 5	n.a.	W 6
T 7	6 59 40	16°58'27	0♉33	1° 3	14°31	4°43	21°57	4°43	15°35	13°52	28°11	19°12	20°16	20°11	n.a.	T 7
F 8	7 3 37	17°56'54	12°29	0°56	15°43	5°14	21°49	4°49	15°32	13°50	28°10	19° 9	20°13	20°18	n.a.	F 8
S 9	7 7 33	18°55'19	24°35	0°43	16°55	5°44	21°42	4°55	15°29	13°49	28°10	19° 4	20°10	20°25	n.a.	S 9
S 10	7 11 30	19°53'41	6♊56	0°24	18° 7	6°15	21°34	5° 1	15°27	13°48	28°10	18°56	20° 7	20°31	n.a.	S 10
M11	7 15 26	20°52'01	19°33	0° 1	19°19	6°45	21°26	5° 7	15°24	13°47	28°10	18°47	20° 4	20°38	n.a.	M11
T 12	7 19 23	21°50'19	2♋29	29♉32	20°31	7°16	21°19	5°13	15°22	13°45	28° 9	18°37	20° 1	20°45	n.a.	T 12
W13	7 23 19	22°48'35	15°43	29° 0	21°43	7°47	21°11	5°19	15°19	13°44	28° 9	18°28	19°57	20°51	n.a.	W13
T 14	7 27 16	23°46'48	29°14	28°24	22°55	8°18	21° 3	5°25	15°17	13°43	28° 8	18°19	19°54	20°58	n.a.	T 14
F 15	7 31 12	24°45'00	12♌59	27°45	24° 7	8°49	20°55	5°31	15°14	13°42	28° 8	18°13	19°51	21° 5	n.a.	F 15
S 16	7 35 9	25°43'09	26°55	27° 4	25°19	9°21	20°48	5°36	15°12	13°41	28° 7	18° 8	19°48	21°11	n.a.	S 16
S 17	7 39 5	26°41'17	10♍58	26°22	26°31	9°52	20°40	5°42	15° 9	13°39	28° 7	18° 7	19°45	21°18	n.a.	S 17
M18	7 43 2	27°39'23	25° 6	25°40	27°43	10°24	20°33	5°48	15° 7	13°38	28° 6	18°D 7	19°42	21°25	n.a.	M18
T 19	7 46 59	28°37'27	9♎16	24°57	28°55	10°55	20°25	5°53	15° 4	13°37	28° 6	18° 7	19°38	21°31	n.a.	T 19
W20	7 50 55	29°35'29	23°27	24°16	0♉ 7	11°27	20°18	5°59	15° 2	13°36	28° 5	18°R 8	19°35	21°38	n.a.	W20
T 21	7 54 52	0♒33'30	7♏36	23°37	1°19	11°59	20°10	6° 4	14°59	13°35	28° 5	18° 8	19°32	21°45	n.a.	T 21
F 22	7 58 48	1°31'30	21°42	23° 0	2°32	12°31	20° 3	6° 9	14°57	13°34	28° 4	18° 7	19°29	21°51	n.a.	F 22
S 23	8 2 45	2°29'28	5♐44	22°26	3°44	13° 3	19°55	6°15	14°54	13°33	28° 3	18° 3	19°26	21°58	n.a.	S 23
S 24	8 6 41	3°27'24	19°39	21°56	4°56	13°35	19°48	6°20	14°52	13°32	28° 3	17°57	19°22	22° 5	n.a.	S 24
M25	8 10 38	4°25'19	3♉25	21°29	6° 8	14° 7	19°41	6°25	14°50	13°31	28° 2	17°51	19°19	22°11	n.a.	M25
T 26	8 14 34	5°23'12	16°59	21° 7	7°20	14°40	19°33	6°30	14°47	13°30	28° 1	17°44	19°16	22°18	n.a.	T 26
W27	8 18 31	6°21'03	0♒18	20°49	8°33	15°12	19°26	6°35	14°45	13°30	28° 0	17°37	19°13	22°25	n.a.	W27
T 28	8 22 27	7♒18'53	13♒20	20♉36	9♉45	15♈44	19♋19	6♐40	14♋43	13♊29	27♍59	17♍31	19♍10	22♈31	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23 s38	13 s22	2n38	18 s 3	2n51	21 s59	0n10	1n53	1n17	24n 2	1n55	21 s35	0 s 2	23n57	0n49	23n32	0n25	9n22	9n28	4n21	3n50	5n33		n.a.	F 1
S 2	23 32	10 3	1 38	17 46	3 2	22 14	0 7	2 6	1 18	24 4	1 56	21 37	0 2	23 58	0 49	23 32	0 25	9 22	9 28	4 23	3 51	5 35		n.a.	S 2
S 3	23 27	6 23	0 34	17 31	3 11	22 28	0 4	2 18	1 18	24 5	1 56	21 38	0 2	23 58	0 49	23 32	0 25	9 23	9 28	4 23	3 52	5 37		n.a.	S 3
M 4	23 21	2 31	0 s31	17 18	3 20	22 42	0 1	2 30	1 18	24 6	1 56	21 39	0 2	23 58	0 49	23 31	0 25	9 23	9 29	4 23	3 54	5 38		n.a.	M 4
T 5	23 14	1n24	1 33	17 8	3 28	22 55	0 s 2	2 43	1 19	24 8	1 56	21 41	0 2	23 59	0 49	23 31	0 25	9 23	9 29	4 23	3 55	5 40		n.a.	T 5
W 6	23 7	5 13	2 31	17 0	3 34	23 7	0 5	2 55	1 19	24 9	1 56	21 42	0 2	23 59	0 49	23 31	0 25	9 23	9 29	4 23	3 56	5 42		n.a.	W 6
T 7	23 0	8 50	3 22	16 55	3 40	23 19	0 8	3 8	1 19	24 11	1 56	21 43	0 3	23 59	0 49	23 31	0 25	9 24	9 29	4 23	3 57	5 44		n.a.	T 7
F 8	22 52	12 8	4 5	16 53	3 44	23 30	0 11	3 21	1 19	24 12	1 56	21 44	0 3	24 0	0 49	23 31	0 25	9 24	9 29	4 25	3 59	5 46		n.a.	F 8
S 9	22 44	14 57	4 38	16 53	3 46	23 41	0 14	3 33	1 20	24 13	1 56	21 46	0 3	24 0	0 49	23 31	0 25	9 24	9 30	4 27	4 0	5 48		n.a.	S 9
S 10	22 35	17 10	4 59	16 56	3 47	23 50	0 17	3 46	1 20	24 15	1 56	21 47	0 3	24 0	0 49	23 30	0 25	9 25	9 30	4 30	4 1	5 50		n.a.	S 10
M11	22 26	18 37	5 5	17 2	3 47	23 59	0 19	3 59	1 20	24 16	1 56	21 48	0 3	24 1	0 49	23 30	0 25	9 25	9 30	4 33	4 3	5 51		n.a.	M11
T 12	22 17	19 9	4 56	17 10	3 45	24 8	0 22	4 11	1 20	24 17	1 57	21 49	0 3	24 1	0 49	23 30	0 25	9 25	9 30	4 37	4 4	5 53		n.a.	T 12
W13	22 7	18 39	4 32	17 20	3 41	24 16	0 25	4 24	1 21	24 18	1 57	21 50	0 3	24 1	0 49	23 30	0 25	9 26	9 30	4 41	4 5	5 55		n.a.	W13
T 14	21 57	17 7	3 52	17 32	3 36	24 23	0 28	4 37	1 21	24 20	1 57	21 52	0 3	24 1	0 49	23 30	0 25	9 26	9 31	4 45	4 6	5 57		n.a.	T 14
F 15	21 46	14 34	2 57	17 47	3 29	24 29	0 30	4 50	1 21	24 21	1 57	21 53	0 3	24 2	0 49	23 30	0 25	9 26	9 31	4 47	4 8	5 59		n.a.	F 15
S 16	21 36	11 9	1 52	18 3	3 21	24 34	0 33	5 3	1 21	24 22	1 57	21 54	0 3	24 2	0 49	23 30	0 25	9 27	9 31	4 49	4 9	6 1		n.a.	S 16
S 17	21 24	7 4	0 38	18 20	3 12	24 39	0 36	5 15	1 21	24 24	1 57	21 55	0 3	24 2	0 49	23 29	0 25	9 27	9 31	4 50	4 10	6 3		n.a.	S 17
M18	21 13	2 34	0n38	18 39	3 1	24 44	0 38	5 28	1 22	24 25	1 57	21 56	0 4	24 3	0 49	23 29	0 25	9 27	9 31	4 50	4 12	6 4		n.a.	M18
T 19	21 1	2 s 4	1 52	18 58	2 49	24 47	0 41	5 41	1 22	24 26	1 57	21 57	0 4	24 3	0 49	23 29	0 25	9 28	9 31	4 49	4 13	6 6		n.a.	T 19
W20	20 48	6 36	2 59	19 18	2 36	24 50	0 43	5 54	1 22	24 27	1 57	21 58	0 4	24 3	0 49	23 29	0 25	9 28	9 32	4 49	4 14	6 8		n.a.	W20
T 21	20 36	10 44	3 55	19 39	2 22	24 52	0 45	6 7	1 22	24 28	1 57	21 59	0 4	24 3	0 49	23 29	0 25	9 29	9 32	4 49	4 15	6 10		n.a.	T 21
F 22	20 23	14 15	4 37	20 0	2 7	24 53	0 48	6 20	1 22	24 29	1 57	22 0	0 4	24 4	0 49	23 29	0 25	9 29	9 32	4 50	4 17	6 12		n.a.	F 22
S 23	20 9	16 55	5 2	20 20	1 52	24 53	0 50	6 33	1 23	24 30	1 57	22 1	0 4	24 4	0 49	23 29	0 25	9 29	9 32	4 51	4 18	6 14		n.a.	S 23
S 24	19 55	18 34	5 9	20 41	1 37	24 53	0 52	6 46	1 23	24 32	1 57	22 2	0 4	24 4	0 49	23 29	0 25	9 30	9 32	4 53	4 19	6 16		n.a.	S 24
M25	19 41	19 6	4 58	21 0	1 21	24 52	0 54	6 59	1 23	24 33	1 57	22 3	0 4	24 5	0 49	23 28	0 25	9 30	9 33	4 56	4 20	6 17		n.a.	M25
T 26	19 27	18 32	4 30	21 20	1 5	24 50	0 56	7 12	1 23	24 34	1 56	22 4	0 4	24 5	0 49	23 28	0 25	9 31	9 33	4 59	4 22	6 19		n.a.	T 26
W27	19 12	16 57	3 48	21 38	0 50	24 48	0 58	7 25	1 23	24 35	1 56	22 5	0 4	24 5	0 49	23 28	0 25	9 31	9 33	5 2	4 23	6 21		n.a.	W27
T 28	18 s57	14 s30	2n55	21 s55	0n34	24 s45	1 s 0	7n38	1n23	24n36	1n56	22 s 6	0 s 4	24n 5	0n49	23n28	0n25	9n32	9n33	5n 4	4n24	6n23		n.a.	T 28

Julian Day Number = 200553.5, Delta T = 32h11m02s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'44, Lahiri = -61°09'44 Julian Calendar 1 Feb. 4164 BCE == Greg. Calendar 30 Dec. 4165 BCE

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

MARCH 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 26 24	8♒16'40	26♒ 6	20°R27	10♑57	16♈17	19°R12	6♐45	14°R40	13°R28	27°R59	17°R28	19♍ 7	22♈38	n.a.	F 1
S 2	8 30 20	9°14'26	8♓35	20°D23	12° 9	16°50	19♋ 5	6°50	14♋38	13♊27	27♍58	17♍26	19° 3	22°45	n.a.	S 2
S 3	8 34 17	10°12'11	20°50	20♑24	13°22	17°23	18°59	6°54	14°36	13°26	27°57	17°D25	19° 0	22°51	n.a.	S 3
M 4	8 38 13	11° 9'53	2♈52	20°30	14°34	17°56	18°52	6°59	14°34	13°26	27°56	17°26	18°57	22°58	n.a.	M 4
T 5	8 42 10	12° 7'33	14°46	20°40	15°46	18°29	18°45	7° 3	14°31	13°25	27°55	17°28	18°54	23° 5	n.a.	T 5
W 6	8 46 7	13° 5'12	26°36	20°55	16°59	19° 2	18°39	7° 8	14°29	13°24	27°54	17°29	18°51	23°11	n.a.	W 6
T 7	8 50 3	14° 2'49	8♉27	21°15	18°11	19°35	18°33	7°12	14°27	13°24	27°53	17°R30	18°48	23°18	n.a.	T 7
F 8	8 54 0	15° 0'24	20°24	21°39	19°23	20° 8	18°26	7°17	14°25	13°23	27°52	17°30	18°44	23°25	n.a.	F 8
S 9	8 57 56	15°57'57	2♊31	22° 7	20°36	20°41	18°20	7°21	14°23	13°22	27°51	17°29	18°41	23°31	n.a.	S 9
S 10	9 1 53	16°55'29	14°53	22°39	21°48	21°15	18°14	7°25	14°21	13°22	27°50	17°27	18°38	23°38	n.a.	S 10
M11	9 5 49	17°52'58	27°34	23°16	23° 0	21°48	18° 8	7°29	14°19	13°21	27°49	17°23	18°35	23°45	n.a.	M11
T 12	9 9 46	18°50'27	10♋37	23°56	24°13	22°22	18° 3	7°33	14°17	13°21	27°47	17°19	18°32	23°51	n.a.	T 12
W13	9 13 42	19°47'53	24° 1	24°40	25°25	22°55	17°57	7°37	14°15	13°20	27°46	17°14	18°28	23°58	n.a.	W13
T 14	9 17 39	20°45'18	7♌48	25°28	26°38	23°29	17°51	7°41	14°13	13°20	27°45	17°11	18°25	24° 5	n.a.	T 14
F 15	9 21 35	21°42'42	21°53	26°19	27°50	24° 3	17°46	7°44	14°11	13°20	27°44	17° 8	18°22	24°11	n.a.	F 15
S 16	9 25 32	22°40'04	6♍13	27°13	29° 3	24°37	17°41	7°48	14° 9	13°19	27°43	17° 6	18°19	24°18	n.a.	S 16
S 17	9 29 29	23°37'25	20°43	28°11	0♒15	25°11	17°36	7°52	14° 8	13°19	27°42	17°D 6	18°16	24°25	n.a.	S 17
M18	9 33 25	24°34'45	5♎16	29°12	1°28	25°45	17°31	7°55	14° 6	13°18	27°40	17° 7	18°13	24°31	n.a.	M18
T 19	9 37 22	25°32'04	19°48	0♒16	2°40	26°19	17°26	7°59	14° 4	13°18	27°39	17° 8	18° 9	24°38	n.a.	T 19
W20	9 41 18	26°29'22	4♏14	1°22	3°53	26°53	17°22	8° 2	14° 2	13°18	27°38	17° 9	18° 6	24°45	n.a.	W20
T 21	9 45 15	27°26'39	18°31	2°32	5° 5	27°27	17°17	8° 5	14° 1	13°18	27°36	17°10	18° 3	24°51	n.a.	T 21
F 22	9 49 11	28°23'55	2♐36	3°45	6°18	28° 1	17°13	8° 8	13°59	13°18	27°35	17°R10	18° 0	24°58	n.a.	F 22
S 23	9 53 8	29°21'11	16°28	5° 0	7°30	28°36	17° 9	8°11	13°58	13°17	27°34	17°10	17°57	25° 5	n.a.	S 23
S 24	9 57 4	0♓18'26	0♑ 6	6°19	8°43	29°10	17° 5	8°14	13°56	13°17	27°32	17° 8	17°53	25°12	n.a.	S 24
M25	10 1 1	1°15'40	13°30	7°39	9°56	29°44	17° 1	8°17	13°55	13°17	27°31	17° 6	17°50	25°18	n.a.	M25
T 26	10 4 57	2°12'53	26°39	9° 3	11° 8	0♉19	16°57	8°20	13°53	13°17	27°30	17° 4	17°47	25°25	n.a.	T 26
W27	10 8 54	3°10'05	9♒34	10°29	12°21	0°54	16°54	8°22	13°52	13°D17	27°28	17° 2	17°44	25°32	n.a.	W27
T 28	10 12 51	4° 7'17	22°16	11°58	13°34	1°28	16°50	8°25	13°50	13°17	27°27	17° 1	17°41	25°38	n.a.	T 28
F 29	10 16 47	5° 4'27	4♓44	13°29	14°47	2° 3	16°47	8°28	13°49	13°17	27°25	17° 0	17°38	25°45	n.a.	F 29
S 30	10 20 44	6° 1'37	17° 0	15° 3	15°59	2°38	16°44	8°30	13°48	13°17	27°24	17°D 0	17°34	25°52	n.a.	S 30
S 31	10 24 40	6♓58'46	29♓ 6	16♒39	17♒12	3♉13	16♋41	8♐32	13♋47	13♊17	27♍23	17♍ 0	17♍31	25♈58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s42	11s24	1n53	22s12	0n19	24s41	1s 2	7n51	1n23	24n37	1n56	22s 7	0s 5	24n 6	0n49	23n28	0n25	9n32	9n33	5n 5	4n26	6n25		n.a.
S 2	18 27	7 50	0 48	22 27	0 4	24 36	1 4	8 4	1 24	24 37	1 56	22 8	0 5	24 6	0 49	23 28	0 25	9 33	9 33	5 6	4 27	6 27		n.a.
S 3	18 11	4 1	0s19	22 41	0s11	24 31	1 6	8 17	1 24	24 38	1 56	22 9	0 5	24 6	0 49	23 28	0 25	9 33	9 33	5 6	4 28	6 28		n.a.
M 4	17 55	0 6	1 23	22 54	0 25	24 25	1 8	8 31	1 24	24 39	1 56	22 10	0 5	24 6	0 49	23 28	0 25	9 34	9 34	5 6	4 29	6 30		n.a.
T 5	17 38	3n47	2 24	23 6	0 38	24 18	1 10	8 44	1 24	24 40	1 56	22 11	0 5	24 7	0 49	23 28	0 25	9 34	9 34	5 5	4 31	6 32		n.a.
W 6	17 21	7 29	3 18	23 16	0 51	24 11	1 11	8 57	1 24	24 41	1 56	22 12	0 5	24 7	0 49	23 28	0 25	9 35	9 34	5 5	4 32	6 34		n.a.
T 7	17 4	10 53	4 4	23 25	1 3	24 2	1 13	9 10	1 24	24 42	1 56	22 13	0 5	24 7	0 49	23 27	0 25	9 35	9 34	5 4	4 33	6 36		n.a.
F 8	16 47	13 52	4 39	23 32	1 14	23 53	1 14	9 23	1 24	24 42	1 56	22 13	0 5	24 7	0 49	23 27	0 25	9 36	9 34	5 4	4 35	6 38		n.a.
S 9	16 30	16 18	5 3	23 38	1 25	23 44	1 16	9 36	1 24	24 43	1 55	22 14	0 5	24 7	0 49	23 27	0 25	9 36	9 34	5 5	4 36	6 39		n.a.
S 10	16 12	18 3	5 13	23 43	1 35	23 33	1 17	9 49	1 24	24 44	1 55	22 15	0 5	24 8	0 49	23 27	0 25	9 37	9 34	5 6	4 37	6 41		n.a.
M11	15 54	18 57	5 8	23 45	1 44	23 23	1 18	10 2	1 25	24 45	1 55	22 16	0 6	24 8	0 49	23 27	0 25	9 38	9 34	5 7	4 38	6 43		n.a.
T 12	15 36	18 53	4 48	23 47	1 53	23 11	1 20	10 15	1 25	24 45	1 55	22 17	0 6	24 8	0 49	23 27	0 25	9 38	9 35	5 9	4 40	6 45		n.a.
W13	15 17	17 47	4 11	23 46	2 1	22 59	1 21	10 28	1 25	24 46	1 55	22 17	0 6	24 8	0 49	23 27	0 25	9 39	9 35	5 11	4 41	6 47		n.a.
T 14	14 59	15 37	3 20	23 44	2 8	22 46	1 22	10 41	1 25	24 46	1 55	22 18	0 6	24 8	0 49	23 27	0 25	9 39	9 35	5 12	4 42	6 49		n.a.
F 15	14 40	12 29	2 14	23 41	2 14	22 32	1 23	10 54	1 25	24 47	1 54	22 19	0 6	24 9	0 49	23 27	0 25	9 40	9 35	5 13	4 43	6 51		n.a.
S 16	14 21	8 34	1 0	23 35	2 20	22 18	1 24	11 6	1 25	24 48	1 54	22 19	0 6	24 9	0 49	23 27	0 25	9 40	9 35	5 14	4 45	6 52		n.a.
S 17	14 1	4 5	0n20	23 28	2 25	22 3	1 25	11 19	1 25	24 48	1 54	22 20	0 6	24 9	0 49	23 27	0 25	9 41	9 35	5 14	4 46	6 54		n.a.
M18	13 42	0s39	1 39	23 19	2 29	21 47	1 26	11 32	1 25	24 49	1 54	22 21	0 6	24 9	0 49	23 27	0 25	9 42	9 35	5 14	4 47	6 56		n.a.
T 19	13 22	5 20	2 51	23 9	2 33	21 31	1 27	11 45	1 25	24 49	1 54	22 21	0 6	24 9	0 49	23 27	0 25	9 42	9 35	5 13	4 49	6 58		n.a.
W20	13 2	9 40	3 52	22 56	2 36	21 14	1 27	11 58	1 25	24 49	1 53	22 22	0 6	24 9	0 49	23 27	0 25	9 43	9 35	5 13	4 50	7 0		n.a.
T 21	12 42	13 23	4 37	22 42	2 38	20 57	1 28	12 10	1 25	24 50	1 53	22 23	0 7	24 10	0 49	23 27	0 25	9 43	9 35	5 12	4 51	7 2		n.a.
F 22	12 22	16 16	5 6	22 26	2 39	20 39	1 28	12 23	1 25	24 50	1 53	22 23	0 7	24 10	0 49	23 27	0 25	9 44	9 35	5 12	4 52	7 3		n.a.
S 23	12 1	18 10	5 16	22 8	2 40	20 20	1 29	12 36	1 25	24 51	1 53	22 24	0 7	24 10	0 49	23 27	0 25	9 44	9 35	5 12	4 54	7 5		n.a.
S 24	11 40	18 59	5 8	21 48	2 40	20 1	1 29	12 49	1 25	24 51	1 53	22 25	0 7	24 10	0 49	23 27	0 25	9 45	9 36	5 13	4 55	7 7		n.a.
M25	11 20	18 43	4 43	21 26	2 40	19 42	1 30	13 1	1 25	24 51	1 52	22 25	0 7	24 10	0 49	23 27	0 25	9 46	9 36	5 14	4 56	7 9		n.a.
T 26	10 59	17 26	4 4	21 2	2 38	19 21	1 30	13 14	1 25	24 51	1 52	22 26	0 7	24 10	0 49	23 27	0 25	9 46	9 36	5 15	4 58	7 11		n.a.
W27	10 37	15 16	3 13	20 36	2 36	19 1	1 30	13 26	1 26	24 52	1 52	22 26	0 7	24 10	0 49	23 27	0 25	9 47	9 36	5 15	4 59	7 13		n.a.
T 28	10 16	12 23	2 13	20 8	2 34	18 40	1 30	13 39	1 26	24 52	1 52	22 27	0 7	24 10	0 49	23 27	0 25	9 48	9 36	5 16	5 0	7 14		n.a.
F 29	9 55	9 0	1 7	19 38	2 31	18 18	1 31	13 51	1 26	24 52	1 52	22 27	0 7	24 11	0 49	23 27	0 25	9 48	9 36	5 16	5 1	7 16		n.a.
S 30	9 33	5 16	0s 0	19 7	2 27	17 56	1 31	14 4	1 26	24 52	1 51	22 28	0 8	24 11	0 49	23 27	0 25	9 49	9 36	5 16	5 3	7 18		n.a.
S 31	9s11	1s23	1s 7	18s33	2s22	17s33	1s31	14n16	1n26	24n52	1n51	22s28	0s 8	24n11	0n49	23n27	0n25	9n49	9n36	5n16	5n 4	7n20		n.a.

Julian Day Number = 200581.5, Delta T = 32h10m59s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'40, Lahiri = -61°09'40 Julian Calendar 1 March 4164 BCE == Greg. Calendar 27 Jan. 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

APRIL 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 28 37	7♓55'53	11♈ 4	18♒18	18♒25	3♉48	16°R39	8♐34	13°R45	13♊18	27°R21	17♍ 1	17♍28	26♈ 5	n.a.	M 1
T 2	10 32 33	8°53'00	22°56	19°59	19°38	4°23	16♋36	8°36	13♋44	13°18	27♍20	17° 1	17°25	26°12	n.a.	T 2
W 3	10 36 30	9°50'06	4♉45	21°42	20°51	4°58	16°34	8°38	13°43	13°18	27°18	17° 2	17°22	26°18	n.a.	W 3
T 4	10 40 26	10°47'12	16°36	23°29	22° 3	5°33	16°32	8°40	13°42	13°18	27°17	17° 3	17°19	26°25	n.a.	T 4
F 5	10 44 23	11°44'16	28°32	25°17	23°16	6° 8	16°30	8°42	13°41	13°18	27°15	17° 3	17°15	26°32	n.a.	F 5
S 6	10 48 20	12°41'19	10♊38	27° 8	24°29	6°44	16°28	8°44	13°40	13°19	27°14	17°R 3	17°12	26°38	n.a.	S 6
S 7	10 52 16	13°38'22	22°59	29° 1	25°42	7°19	16°27	8°46	13°39	13°19	27°12	17° 3	17° 9	26°45	n.a.	S 7
M 8	10 56 13	14°35'24	5♋39	0♓57	26°55	7°54	16°25	8°47	13°39	13°19	27°11	17° 3	17° 6	26°52	n.a.	M 8
T 9	11 0 9	15°32'25	18°40	2°55	28° 8	8°30	16°24	8°48	13°38	13°20	27° 9	17° 3	17° 3	26°58	n.a.	T 9
W10	11 4 6	16°29'25	2♌ 7	4°55	29°21	9° 5	16°23	8°50	13°37	13°20	27° 7	17° 3	16°59	27° 5	n.a.	W10
T 11	11 8 2	17°26'24	15°58	6°56	0♓34	9°41	16°22	8°51	13°36	13°21	27° 6	17°D 3	16°56	27°12	n.a.	T 11
F 12	11 11 59	18°23'23	0♍14	9° 0	1°47	10°16	16°22	8°52	13°36	13°21	27° 4	17° 3	16°53	27°18	n.a.	F 12
S 13	11 15 56	19°20'22	14°50	11° 6	3° 0	10°52	16°21	8°53	13°35	13°22	27° 3	17°R 3	16°50	27°25	n.a.	S 13
S 14	11 19 52	20°17'20	29°40	13°12	4°13	11°28	16°21	8°54	13°35	13°22	27° 1	17° 3	16°47	27°32	n.a.	S 14
M15	11 23 49	21°14'17	14♎37	15°21	5°26	12° 4	16°D21	8°55	13°34	13°23	27° 0	17° 3	16°44	27°38	n.a.	M15
T 16	11 27 45	22°11'15	29°33	17°30	6°39	12°39	16°21	8°56	13°34	13°24	26°58	17° 2	16°40	27°45	n.a.	T 16
W17	11 31 42	23° 8'12	14♏21	19°40	7°52	13°15	16°21	8°56	13°33	13°24	26°56	17° 2	16°37	27°52	n.a.	W17
T 18	11 35 38	24° 5'10	28°53	21°51	9° 5	13°51	16°21	8°57	13°33	13°25	26°55	17° 1	16°34	27°58	n.a.	T 18
F 19	11 39 35	25° 2'08	13♐ 6	24° 2	10°18	14°27	16°22	8°57	13°33	13°26	26°53	17° 1	16°31	28° 5	n.a.	F 19
S 20	11 43 32	25°59'06	26°58	26°12	11°31	15° 3	16°23	8°57	13°33	13°26	26°52	17°D 0	16°28	28°12	n.a.	S 20
S 21	11 47 28	26°56'04	10♑29	28°23	12°44	15°40	16°24	8°58	13°32	13°27	26°50	17° 1	16°24	28°18	n.a.	S 21
M22	11 51 25	27°53'02	23°40	0♈33	13°58	16°16	16°25	8°58	13°32	13°28	26°49	17° 1	16°21	28°25	n.a.	M22
T 23	11 55 21	28°50'01	6♒33	2°42	15°11	16°52	16°26	8°R58	13°32	13°29	26°47	17° 2	16°18	28°32	n.a.	T 23
W24	11 59 18	29°47'00	19° 9	4°51	16°24	17°28	16°28	8°58	13°D32	13°30	26°45	17° 3	16°15	28°39	n.a.	W24
T 25	12 3 14	0♈43'59	1♓33	6°58	17°37	18° 5	16°29	8°57	13°32	13°31	26°44	17° 4	16°12	28°45	n.a.	T 25
F 26	12 7 11	1°40'58	13°45	9° 3	18°51	18°41	16°31	8°57	13°32	13°32	26°42	17°R 5	16° 9	28°52	n.a.	F 26
S 27	12 11 8	2°37'57	25°49	11° 8	20° 4	19°18	16°33	8°57	13°33	13°32	26°41	17° 5	16° 5	28°59	n.a.	S 27
S 28	12 15 4	3°34'56	7♈46	13°10	21°17	19°54	16°35	8°56	13°33	13°33	26°39	17° 4	16° 2	29° 5	n.a.	S 28
M29	12 19 1	4°31'56	19°39	15°11	22°31	20°31	16°38	8°56	13°33	13°35	26°37	17° 2	15°59	29°12	n.a.	M29
T 30	12 22 57	5♈28'56	1♉28	17♈11	23♓44	21♉ 7	16♋40	8♐55	13♋33	13♊36	26♍36	16♍59	15♍56	29♈19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s50	2n31	2s10	17s57	2s17	17s10	1s30	14n28	1n26	24n52	1n51	22s29	0s 8	24n11	0n48	23n27	0n25	9n50	9n36	5n16	5n 5	7n22		n.a.
T 2	8 28	6 17	3 7	17 18	2 12	16 46	1 30	14 40	1 26	24 52	1 51	22 29	0 8	24 11	0 48	23 27	0 25	9 51	9 36	5 16	5 6	7 23		n.a.
W 3	8 6	9 47	3 55	16 38	2 6	16 22	1 30	14 53	1 26	24 52	1 50	22 30	0 8	24 11	0 48	23 27	0 25	9 51	9 36	5 15	5 8	7 25		n.a.
T 4	7 44	12 54	4 34	15 56	1 59	15 58	1 30	15 5	1 26	24 52	1 50	22 30	0 8	24 11	0 48	23 27	0 25	9 52	9 36	5 15	5 9	7 27		n.a.
F 5	7 21	15 30	5 1	15 12	1 52	15 33	1 29	15 17	1 26	24 52	1 50	22 30	0 8	24 11	0 48	23 27	0 25	9 52	9 36	5 15	5 10	7 29		n.a.
S 6	6 59	17 28	5 16	14 26	1 44	15 7	1 29	15 29	1 26	24 52	1 49	22 31	0 8	24 11	0 48	23 27	0 25	9 53	9 36	5 15	5 12	7 31		n.a.
S 7	6 36	18 40	5 16	13 38	1 36	14 42	1 28	15 41	1 26	24 52	1 49	22 31	0 8	24 11	0 48	23 27	0 25	9 54	9 36	5 15	5 13	7 33		n.a.
M 8	6 14	18 58	5 1	12 47	1 27	14 15	1 28	15 53	1 26	24 52	1 49	22 31	0 8	24 11	0 48	23 27	0 25	9 54	9 36	5 15	5 14	7 34		n.a.
T 9	5 51	18 18	4 31	11 56	1 18	13 49	1 27	16 5	1 26	24 52	1 49	22 32	0 9	24 11	0 48	23 27	0 25	9 55	9 36	5 15	5 15	7 36		n.a.
W10	5 29	16 36	3 45	11 2	1 8	13 22	1 27	16 16	1 25	24 52	1 48	22 32	0 9	24 11	0 48	23 27	0 25	9 55	9 36	5 15	5 17	7 38		n.a.
T 11	5 6	13 53	2 44	10 7	0 58	12 55	1 26	16 28	1 25	24 52	1 48	22 32	0 9	24 12	0 48	23 27	0 25	9 56	9 36	5 15	5 18	7 40		n.a.
F 12	4 43	10 16	1 32	9 10	0 48	12 27	1 25	16 40	1 25	24 52	1 48	22 33	0 9	24 12	0 48	23 27	0 25	9 57	9 36	5 15	5 19	7 42		n.a.
S 13	4 20	5 57	0 12	8 11	0 38	12 0	1 24	16 51	1 25	24 51	1 48	22 33	0 9	24 12	0 48	23 27	0 25	9 57	9 36	5 15	5 20	7 43		n.a.
S 14	3 57	1 12	1n10	7 12	0 28	11 31	1 23	17 3	1 25	24 51	1 47	22 33	0 9	24 12	0 48	23 27	0 25	9 58	9 35	5 15	5 22	7 45		n.a.
M15	3 34	3s40	2 27	6 12	0 17	11 3	1 22	17 14	1 25	24 51	1 47	22 33	0 9	24 12	0 48	23 27	0 25	9 58	9 35	5 15	5 23	7 47		n.a.
T 16	3 11	8 17	3 35	5 10	0 7	10 34	1 21	17 25	1 25	24 51	1 47	22 34	0 9	24 12	0 48	23 28	0 25	9 59	9 35	5 15	5 24	7 49		n.a.
W17	2 48	12 21	4 27	4 8	0n 4	10 5	1 20	17 36	1 25	24 50	1 47	22 34	0 9	24 12	0 48	23 28	0 25	10 0	9 35	5 16	5 25	7 51		n.a.
T 18	2 25	15 34	5 2	3 6	0 14	9 36	1 19	17 48	1 25	24 50	1 46	22 34	0 10	24 12	0 48	23 28	0 25	10 0	9 35	5 16	5 27	7 53		n.a.
F 19	2 2	17 46	5 17	2 4	0 25	9 6	1 18	17 59	1 25	24 50	1 46	22 34	0 10	24 12	0 48	23 28	0 25	10 1	9 35	5 16	5 28	7 54		n.a.
S 20	1 38	18 52	5 13	1 1	0 35	8 37	1 16	18 10	1 25	24 49	1 46	22 34	0 10	24 12	0 48	23 28	0 25	10 1	9 35	5 16	5 29	7 56		n.a.
S 21	1 15	18 51	4 51	0n 1	0 44	8 7	1 15	18 20	1 25	24 49	1 45	22 35	0 10	24 12	0 48	23 28	0 25	10 2	9 35	5 16	5 31	7 58		n.a.
M22	0 52	17 47	4 15	1 2	0 53	7 37	1 14	18 31	1 25	24 49	1 45	22 35	0 10	24 12	0 48	23 28	0 25	10 2	9 35	5 16	5 32	8 0		n.a.
T 23	0 29	15 50	3 26	2 3	1 2	7 6	1 12	18 42	1 25	24 48	1 45	22 35	0 10	24 12	0 48	23 28	0 25	10 3	9 35	5 15	5 33	8 2		n.a.
W24	0 5	13 9	2 29	3 3	1 11	6 36	1 11	18 52	1 25	24 48	1 45	22 35	0 10	24 11	0 48	23 28	0 25	10 3	9 35	5 15	5 34	8 3		n.a.
T 25	0n18	9 54	1 25	4 2	1 18	6 5	1 9	19 3	1 25	24 47	1 44	22 35	0 10	24 11	0 48	23 28	0 25	10 4	9 34	5 15	5 36	8 5		n.a.
F 26	0 41	6 17	0 18	5 0	1 26	5 34	1 8	19 13	1 25	24 47	1 44	22 35	0 11	24 11	0 48	23 29	0 25	10 5	9 34	5 14	5 37	8 7		n.a.
S 27	1 5	2 26	0s48	5 56	1 32	5 3	1 6	19 24	1 25	24 46	1 44	22 35	0 11	24 11	0 48	23 29	0 25	10 5	9 34	5 15	5 38	8 9		n.a.
S 28	1 28	1n28	1 52	6 51	1 39	4 32	1 4	19 34	1 25	24 46	1 43	22 35	0 11	24 11	0 48	23 29	0 25	10 6	9 34	5 15	5 39	8 11		n.a.
M29	1 51	5 16	2 50	7 44	1 44	4 0	1 3	19 44	1 24	24 45	1 43	22 35	0 11	24 11	0 47	23 29	0 25	10 6	9 34	5 16	5 41	8 12		n.a.
T 30	2n14	8n52	3s41	8n36	1n49	3s29	1s 1	19n54	1n24	24n44	1n43	22s35	0s11	24n11	0n47	23n29	0n25	10n 7	9n34	5n17	5n42	8n14		n.a.

Julian Day Number = 200612.5, Delta T = 32h10m56s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'36, Lahiri = -61°09'36 Julian Calendar 1 Apr. 4164 BCE == Greg. Calendar 27 Feb. 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

MAY 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 26 54	6♈25'56	13♉18	19♈ 8	24♓58	21♉44	16♋43	8°R54	13♋34	13♊37	26°R34	16°R56	15♍53	29♈25	n.a.	W 1
T 2	12 30 50	7°22'56	25°10	21° 3	26°11	22°21	16°46	8♐53	13°34	13°38	26♍33	16♍53	15°50	29°32	n.a.	T 2
F 3	12 34 47	8°19'56	7♊ 7	22°57	27°24	22°58	16°49	8°52	13°35	13°39	26°31	16°50	15°46	29°39	n.a.	F 3
S 4	12 38 44	9°16'57	19°13	24°49	28°38	23°34	16°52	8°51	13°35	13°40	26°30	16°48	15°43	29°45	n.a.	S 4
S 5	12 42 40	10°13'57	1♋32	26°38	29°51	24°11	16°56	8°50	13°36	13°41	26°28	16°47	15°40	29°52	n.a.	S 5
M 6	12 46 37	11°10'58	14° 8	28°26	1♈ 5	24°48	16°59	8°48	13°36	13°42	26°27	16°D47	15°37	29°59	n.a.	M 6
T 7	12 50 33	12° 7'59	27° 5	0♉12	2°18	25°25	17° 3	8°47	13°37	13°44	26°25	16°47	15°34	0♉ 5	n.a.	T 7
W 8	12 54 30	13° 5'00	10♌26	1°56	3°32	26° 2	17° 7	8°46	13°38	13°45	26°24	16°49	15°30	0°12	n.a.	W 8
T 9	12 58 26	14° 2'02	24°13	3°37	4°46	26°40	17°11	8°44	13°38	13°46	26°22	16°50	15°27	0°19	n.a.	T 9
F 10	13 2 23	14°59'04	8♍27	5°17	5°59	27°17	17°15	8°42	13°39	13°48	26°21	16°51	15°24	0°25	n.a.	F 10
S 11	13 6 20	15°56'06	23° 6	6°55	7°13	27°54	17°20	8°41	13°40	13°49	26°19	16°R51	15°21	0°32	n.a.	S 11
S 12	13 10 16	16°53'08	8♎ 5	8°31	8°26	28°31	17°24	8°39	13°41	13°50	26°18	16°50	15°18	0°39	n.a.	S 12
M13	13 14 13	17°50'12	23°16	10° 5	9°40	29° 9	17°29	8°37	13°42	13°52	26°16	16°47	15°15	0°46	n.a.	M13
T 14	13 18 9	18°47'16	8♏29	11°37	10°54	29°46	17°34	8°35	13°43	13°53	26°15	16°44	15°11	0°52	n.a.	T 14
W15	13 22 6	19°44'21	23°35	13° 7	12° 7	0♊23	17°39	8°32	13°44	13°55	26°13	16°39	15° 8	0°59	n.a.	W15
T 16	13 26 2	20°41'27	8♐24	14°35	13°21	1° 1	17°44	8°30	13°45	13°56	26°12	16°35	15° 5	1° 6	n.a.	T 16
F 17	13 29 59	21°38'34	22°50	16° 1	14°35	1°38	17°49	8°28	13°46	13°58	26°10	16°31	15° 2	1°12	n.a.	F 17
S 18	13 33 56	22°35'42	6♑50	17°25	15°49	2°16	17°55	8°26	13°48	13°59	26° 9	16°28	14°59	1°19	n.a.	S 18
S 19	13 37 52	23°32'51	20°22	18°46	17° 2	2°54	18° 0	8°23	13°49	14° 1	26° 8	16°D27	14°55	1°26	n.a.	S 19
M20	13 41 49	24°30'02	3♒29	20° 6	18°16	3°31	18° 6	8°20	13°50	14° 2	26° 6	16°27	14°52	1°32	n.a.	M20
T 21	13 45 45	25°27'14	16°14	21°23	19°30	4° 9	18°12	8°18	13°52	14° 4	26° 5	16°29	14°49	1°39	n.a.	T 21
W22	13 49 42	26°24'27	28°40	22°38	20°44	4°47	18°18	8°15	13°53	14° 5	26° 4	16°30	14°46	1°46	n.a.	W22
T 23	13 53 39	27°21'41	10♓52	23°51	21°58	5°25	18°24	8°12	13°55	14° 7	26° 2	16°R31	14°43	1°52	n.a.	T 23
F 24	13 57 35	28°18'56	22°54	25° 2	23°12	6° 3	18°30	8° 9	13°56	14° 9	26° 1	16°31	14°40	1°59	n.a.	F 24
S 25	14 1 32	29°16'13	4♈49	26°10	24°26	6°41	18°37	8° 6	13°58	14°10	26° 0	16°29	14°36	2° 6	n.a.	S 25
S 26	14 5 28	0♉13'31	16°40	27°15	25°40	7°19	18°44	8° 3	13°59	14°12	25°59	16°26	14°33	2°12	n.a.	S 26
M27	14 9 25	1°10'50	28°29	28°18	26°54	7°57	18°50	8° 0	14° 1	14°14	25°57	16°20	14°30	2°19	n.a.	M27
T 28	14 13 21	2° 8'10	10♉19	29°18	28° 8	8°35	18°57	7°57	14° 3	14°16	25°56	16°12	14°27	2°26	n.a.	T 28
W29	14 17 18	3° 5'32	22°11	0♊15	29°22	9°13	19° 4	7°53	14° 5	14°17	25°55	16° 4	14°24	2°33	n.a.	W29
T 30	14 21 15	4° 2'54	4♊ 7	1° 9	0♉36	9°51	19°11	7°50	14° 6	14°19	25°54	15°55	14°21	2°39	n.a.	T 30
F 31	14 25 11	5♉ 0'18	16♊ 9	2♊ 0	1♉50	10♊30	19♋19	7♐47	14♋ 8	14♊21	25♍53	15♍46	14♍17	2♉46	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	2n37	12n 6	4s23	9n26	1n53	2s57	0s59	20n 4	1n24	24n44	1n43	22s35	0s11	24n11	0n47	23n29	0n25	10n 7	9n34	5n18	5n43	8n16			n.a.
T 2	3 1	14 52	4 53	10 14	1 57	2 26	0 57	20 13	1 24	24 43	1 42	22 35	0 11	24 11	0 47	23 29	0 25	10 8	9 33	5 19	5 44	8 18			n.a.
F 3	3 24	17 0	5 10	11 1	2 0	1 54	0 56	20 23	1 24	24 42	1 42	22 35	0 11	24 11	0 47	23 29	0 25	10 8	9 33	5 20	5 46	8 20			n.a.
S 4	3 47	18 26	5 15	11 45	2 2	1 22	0 54	20 33	1 24	24 42	1 42	22 35	0 11	24 11	0 47	23 30	0 25	10 9	9 33	5 21	5 47	8 21			n.a.
S 5	4 10	19 2	5 5	12 28	2 4	0 51	0 52	20 42	1 24	24 41	1 41	22 35	0 12	24 11	0 47	23 30	0 25	10 9	9 33	5 22	5 48	8 23			n.a.
M 6	4 33	18 42	4 40	13 9	2 5	0 19	0 50	20 51	1 24	24 40	1 41	22 35	0 12	24 11	0 47	23 30	0 25	10 9	9 33	5 22	5 50	8 25			n.a.
T 7	4 56	17 24	4 1	13 48	2 5	0n13	0 48	21 0	1 24	24 39	1 41	22 35	0 12	24 11	0 47	23 30	0 25	10 10	9 33	5 21	5 51	8 27			n.a.
W 8	5 18	15 7	3 7	14 26	2 5	0 45	0 46	21 9	1 23	24 39	1 41	22 35	0 12	24 10	0 47	23 30	0 25	10 10	9 32	5 21	5 52	8 29			n.a.
T 9	5 41	11 55	2 1	15 1	2 5	1 17	0 44	21 18	1 23	24 38	1 40	22 35	0 12	24 10	0 47	23 30	0 25	10 11	9 32	5 20	5 53	8 30			n.a.
F 10	6 4	7 55	0 46	15 35	2 3	1 49	0 41	21 27	1 23	24 37	1 40	22 34	0 12	24 10	0 47	23 31	0 25	10 11	9 32	5 20	5 55	8 32			n.a.
S 11	6 26	3 20	0n34	16 7	2 2	2 20	0 39	21 36	1 23	24 36	1 40	22 34	0 12	24 10	0 47	23 31	0 25	10 12	9 32	5 20	5 56	8 34			n.a.
S 12	6 49	1s33	1 54	16 37	1 59	2 52	0 37	21 44	1 23	24 35	1 40	22 34	0 12	24 10	0 47	23 31	0 25	10 12	9 32	5 20	5 57	8 36			n.a.
M13	7 11	6 25	3 6	17 5	1 56	3 24	0 35	21 53	1 23	24 34	1 39	22 34	0 13	24 10	0 47	23 31	0 25	10 12	9 31	5 21	5 58	8 38			n.a.
T 14	7 34	10 52	4 6	17 31	1 53	3 56	0 33	22 1	1 23	24 33	1 39	22 34	0 13	24 10	0 47	23 31	0 25	10 13	9 31	5 23	6 0	8 39			n.a.
W15	7 56	14 33	4 47	17 56	1 49	4 27	0 30	22 9	1 23	24 33	1 39	22 33	0 13	24 9	0 47	23 31	0 25	10 13	9 31	5 25	6 1	8 41			n.a.
T 16	8 18	17 14	5 9	18 19	1 44	4 59	0 28	22 17	1 22	24 32	1 39	22 33	0 13	24 9	0 47	23 32	0 25	10 14	9 31	5 27	6 2	8 43			n.a.
F 17	8 40	18 45	5 10	18 40	1 39	5 30	0 26	22 25	1 22	24 31	1 38	22 33	0 13	24 9	0 47	23 32	0 25	10 14	9 30	5 28	6 3	8 45			n.a.
S 18	9 2	19 3	4 53	19 0	1 34	6 2	0 24	22 32	1 22	24 30	1 38	22 33	0 13	24 9	0 47	23 32	0 25	10 14	9 30	5 29	6 5	8 46			n.a.
S 19	9 24	18 15	4 19	19 17	1 27	6 33	0 21	22 40	1 22	24 29	1 38	22 32	0 13	24 9	0 47	23 32	0 25	10 15	9 30	5 29	6 6	8 48			n.a.
M20	9 45	16 28	3 33	19 34	1 21	7 4	0 19	22 47	1 22	24 27	1 37	22 32	0 13	24 9	0 47	23 32	0 25	10 15	9 30	5 29	6 7	8 50			n.a.
T 21	10 7	13 55	2 38	19 48	1 14	7 35	0 17	22 54	1 22	24 26	1 37	22 32	0 13	24 8	0 47	23 33	0 25	10 15	9 29	5 29	6 8	8 52			n.a.
W22	10 28	10 46	1 36	20 1	1 7	8 6	0 14	23 1	1 22	24 25	1 37	22 31	0 14	24 8	0 47	23 33	0 25	10 16	9 29	5 28	6 10	8 54			n.a.
T 23	10 49	7 13	0 31	20 12	0 59	8 36	0 12	23 8	1 21	24 24	1 37	22 31	0 14	24 8	0 47	23 33	0 25	10 16	9 29	5 28	6 11	8 55			n.a.
F 24	11 10	3 25	0s35	20 22	0 50	9 7	0 10	23 15	1 21	24 23	1 36	22 31	0 14	24 8	0 47	23 33	0 25	10 16	9 29	5 28	6 12	8 57			n.a.
S 25	11 31	0n29	1 38	20 30	0 41	9 37	0 7	23 22	1 21	24 22	1 36	22 30	0 14	24 8	0 47	23 33	0 25	10 16	9 28	5 29	6 14	8 59			n.a.
S 26	11 52	4 20	2 36	20 37	0 32	10 7	0 5	23 28	1 21	24 21	1 36	22 30	0 14	24 7	0 46	23 34	0 25	10 17	9 28	5 30	6 15	9 1			n.a.
M27	12 13	8 1	3 27	20 42	0 23	10 37	0 3	23 34	1 21	24 19	1 36	22 29	0 14	24 7	0 46	23 34	0 25	10 17	9 28	5 32	6 16	9 3			n.a.
T 28	12 33	11 23	4 10	20 46	0 13	11 6	0 0	23 41	1 20	24 18	1 35	22 29	0 14	24 7	0 46	23 34	0 25	10 17	9 28	5 35	6 17	9 4			n.a.
W29	12 53	14 18	4 41	20 49	0 2	11 35	0n 2	23 47	1 20	24 17	1 35	22 29	0 14	24 7	0 46	23 34	0 25	10 17	9 27	5 39	6 19	9 6			n.a.
T 30	13 13	16 38	5 1	20 50	0s 9	12 4	0 4	23 52	1 20	24 16	1 35	22 28	0 15	24 7	0 46	23 34	0 25	10 18	9 27	5 42	6 20	9 8			n.a.
F 31	13n33	18n17	5s 7	20n49	0s20	12n33	0n 7	23n58	1n20	24n14	1n35	22s28	0s15	24n 6	0n46	23n35	0n25	10n18	9n27	5n46	6n21	9n10			n.a.

Julian Day Number = 200642.5, Delta T = 32h10m53s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'32, Lahiri = -61°09'32 Julian Calendar 1 May 4164 BCE == Greg. Calendar 29 March 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

JUNE 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 29 8	5♉57'43	28♊19	2♊48	3♉ 4	11♊ 8	19♋26	7°R43	14♋10	14♊23	25°R52	15°R39	14♍14	2♉53	n.a.	S 1
S 2	14 33 4	6°55'09	10♋40	3°32	4°18	11°47	19°34	7♐39	14°12	14°25	25♍50	15♍34	14°11	2°59	n.a.	S 2
M 3	14 37 1	7°52'36	23°16	4°13	5°33	12°25	19°41	7°36	14°14	14°26	25°49	15°31	14° 8	3° 6	n.a.	M 3
T 4	14 40 57	8°50'05	6♌ 8	4°50	6°47	13° 4	19°49	7°32	14°16	14°28	25°48	15°D30	14° 5	3°13	n.a.	T 4
W 5	14 44 54	9°47'34	19°23	5°23	8° 1	13°42	19°57	7°28	14°18	14°30	25°47	15°30	14° 1	3°19	n.a.	W 5
T 6	14 48 51	10°45'05	3♍ 1	5°52	9°15	14°21	20° 5	7°24	14°20	14°32	25°46	15°31	13°58	3°26	n.a.	T 6
F 7	14 52 47	11°42'37	17° 5	6°16	10°29	14°59	20°13	7°20	14°23	14°34	25°45	15°R31	13°55	3°33	n.a.	F 7
S 8	14 56 44	12°40'09	1♎35	6°35	11°44	15°38	20°22	7°17	14°25	14°36	25°44	15°30	13°52	3°39	n.a.	S 8
S 9	15 0 40	13°37'44	16°28	6°50	12°58	16°17	20°30	7°13	14°27	14°38	25°43	15°27	13°49	3°46	n.a.	S 9
M10	15 4 37	14°35'19	1♏37	7° 0	14°12	16°56	20°39	7° 8	14°29	14°40	25°43	15°22	13°46	3°53	n.a.	M10
T 11	15 8 33	15°32'57	16°54	7°R 5	15°27	17°35	20°47	7° 4	14°32	14°42	25°42	15°14	13°42	4° 0	n.a.	T 11
W12	15 12 30	16°30'36	2♐ 7	7° 4	16°41	18°14	20°56	7° 0	14°34	14°44	25°41	15° 5	13°39	4° 6	n.a.	W12
T 13	15 16 26	17°28'16	17° 6	6°58	17°55	18°53	21° 5	6°56	14°37	14°46	25°40	14°56	13°36	4°13	n.a.	T 13
F 14	15 20 23	18°25'59	1♑42	6°46	19°10	19°32	21°14	6°52	14°39	14°48	25°39	14°48	13°33	4°20	n.a.	F 14
S 15	15 24 20	19°23'43	15°50	6°28	20°24	20°11	21°23	6°47	14°42	14°50	25°38	14°42	13°30	4°26	n.a.	S 15
S 16	15 28 16	20°21'30	29°29	6° 5	21°38	20°50	21°32	6°43	14°44	14°52	25°38	14°38	13°27	4°33	n.a.	S 16
M17	15 32 13	21°19'18	12♒38	5°36	22°53	21°29	21°41	6°39	14°47	14°54	25°37	14°36	13°23	4°40	n.a.	M17
T 18	15 36 9	22°17'09	25°23	5° 2	24° 7	22° 8	21°51	6°34	14°49	14°56	25°36	14°D36	13°20	4°46	n.a.	T 18
W19	15 40 6	23°15'01	7♓46	4°23	25°22	22°48	22° 0	6°30	14°52	14°58	25°36	14°36	13°17	4°53	n.a.	W19
T 20	15 44 2	24°12'56	19°54	3°40	26°36	23°27	22°10	6°25	14°55	15° 1	25°35	14°R36	13°14	5° 0	n.a.	T 20
F 21	15 47 59	25°10'52	1♈51	2°52	27°51	24° 6	22°20	6°21	14°58	15° 3	25°34	14°35	13°11	5° 6	n.a.	F 21
S 22	15 51 56	26° 8'51	13°42	2° 2	29° 6	24°46	22°30	6°16	15° 0	15° 5	25°34	14°31	13° 7	5°13	n.a.	S 22
S 23	15 55 52	27° 6'52	25°31	1° 9	0♊20	25°25	22°39	6°12	15° 3	15° 7	25°33	14°25	13° 4	5°20	n.a.	S 23
M24	15 59 49	28° 4'54	7♉20	0°14	1°35	26° 5	22°49	6° 7	15° 6	15° 9	25°33	14°16	13° 1	5°27	n.a.	M24
T 25	16 3 45	29° 2'59	19°13	29♉20	2°49	26°45	23° 0	6° 3	15° 9	15°11	25°32	14° 4	12°58	5°33	n.a.	T 25
W26	16 7 42	0♊ 1'06	1♊11	28°26	4° 4	27°24	23°10	5°58	15°12	15°13	25°32	13°51	12°55	5°40	n.a.	W26
T 27	16 11 38	0°59'15	13°15	27°33	5°19	28° 4	23°20	5°53	15°15	15°16	25°31	13°38	12°52	5°47	n.a.	T 27
F 28	16 15 35	1°57'26	25°27	26°44	6°33	28°44	23°30	5°49	15°18	15°18	25°31	13°25	12°48	5°53	n.a.	F 28
S 29	16 19 31	2°55'38	7♋47	26° 0	7°48	29°24	23°41	5°44	15°21	15°20	25°31	13°13	12°45	6° 0	n.a.	S 29
S 30	16 23 28	3♊53'53	20♋17	25♉20	9♊ 3	0♋ 4	23♋51	5♐39	15♋24	15♊22	25♍30	13♍ 5	12♍42	6♉ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n53	19n 6	5s 0	20n48	0s31	13n 1	0n 9	24n 3	1n20	24n13	1n35	22s27	0s15	24n 6	0n46	23n35	0n25	10n18	9n26	5n49	6n22	9n11		n.a.
S 2	14 12	19 3	4 38	20 45	0 43	13 29	0 11	24 9	1 20	24 12	1 34	22 27	0 15	24 6	0 46	23 35	0 25	10 18	9 26	5 51	6 24	9 13		n.a.
M 3	14 31	18 3	4 3	20 41	0 55	13 57	0 14	24 14	1 19	24 10	1 34	22 26	0 15	24 6	0 46	23 35	0 25	10 18	9 26	5 52	6 25	9 15		n.a.
T 4	14 50	16 7	3 15	20 36	1 7	14 25	0 16	24 19	1 19	24 9	1 34	22 26	0 15	24 5	0 46	23 36	0 25	10 18	9 25	5 52	6 26	9 17		n.a.
W 5	15 9	13 17	2 16	20 30	1 20	14 52	0 18	24 23	1 19	24 7	1 34	22 25	0 15	24 5	0 46	23 36	0 25	10 19	9 25	5 52	6 27	9 18		n.a.
T 6	15 28	9 39	1 7	20 22	1 33	15 18	0 21	24 28	1 19	24 6	1 33	22 25	0 15	24 5	0 46	23 36	0 25	10 19	9 25	5 52	6 29	9 20		n.a.
F 7	15 46	5 22	0n 8	20 14	1 45	15 45	0 23	24 32	1 19	24 5	1 33	22 24	0 15	24 4	0 46	23 36	0 25	10 19	9 24	5 52	6 30	9 22		n.a.
S 8	16 4	0 39	1 25	20 4	1 58	16 11	0 25	24 37	1 18	24 3	1 33	22 24	0 16	24 4	0 46	23 37	0 25	10 19	9 24	5 52	6 31	9 24		n.a.
S 9	16 22	4s14	2 38	19 54	2 11	16 36	0 27	24 41	1 18	24 1	1 33	22 23	0 16	24 4	0 46	23 37	0 25	10 19	9 24	5 53	6 32	9 26		n.a.
M10	16 40	8 56	3 41	19 43	2 24	17 1	0 30	24 44	1 18	24 0	1 33	22 22	0 16	24 4	0 46	23 37	0 25	10 19	9 23	5 56	6 34	9 27		n.a.
T 11	16 57	13 4	4 28	19 31	2 37	17 26	0 32	24 48	1 18	23 58	1 32	22 22	0 16	24 3	0 46	23 37	0 25	10 19	9 23	5 59	6 35	9 29		n.a.
W12	17 14	16 20	4 57	19 19	2 50	17 50	0 34	24 51	1 17	23 57	1 32	22 21	0 16	24 3	0 46	23 38	0 25	10 19	9 23	6 2	6 36	9 31		n.a.
T 13	17 31	18 25	5 4	19 5	3 2	18 14	0 36	24 55	1 17	23 55	1 32	22 21	0 16	24 3	0 46	23 38	0 25	10 19	9 22	6 6	6 37	9 33		n.a.
F 14	17 48	19 15	4 51	18 52	3 14	18 37	0 38	24 58	1 17	23 53	1 32	22 20	0 16	24 2	0 46	23 38	0 25	10 19	9 22	6 9	6 39	9 34		n.a.
S 15	18 4	18 49	4 21	18 38	3 25	19 0	0 40	25 1	1 17	23 52	1 32	22 19	0 16	24 2	0 46	23 38	0 25	10 19	9 22	6 11	6 40	9 36		n.a.
S 16	18 20	17 18	3 36	18 23	3 36	19 22	0 42	25 3	1 16	23 50	1 31	22 19	0 17	24 2	0 46	23 38	0 25	10 19	9 21	6 13	6 41	9 38		n.a.
M17	18 36	14 54	2 42	18 9	3 46	19 44	0 44	25 6	1 16	23 48	1 31	22 18	0 17	24 1	0 46	23 39	0 25	10 19	9 21	6 14	6 42	9 40		n.a.
T 18	18 51	11 51	1 41	17 54	3 54	20 5	0 46	25 8	1 16	23 47	1 31	22 17	0 17	24 1	0 46	23 39	0 25	10 19	9 21	6 14	6 44	9 41		n.a.
W19	19 6	8 20	0 36	17 39	4 2	20 25	0 48	25 10	1 16	23 45	1 31	22 17	0 17	24 1	0 46	23 39	0 25	10 19	9 20	6 14	6 45	9 43		n.a.
T 20	19 21	4 32	0s28	17 25	4 8	20 45	0 50	25 12	1 15	23 43	1 31	22 16	0 17	24 0	0 46	23 39	0 25	10 19	9 20	6 14	6 46	9 45		n.a.
F 21	19 36	0 37	1 30	17 12	4 13	21 5	0 52	25 14	1 15	23 41	1 30	22 15	0 17	24 0	0 46	23 40	0 25	10 19	9 20	6 14	6 47	9 47		n.a.
S 22	19 50	3n17	2 28	16 59	4 16	21 24	0 54	25 15	1 15	23 39	1 30	22 15	0 17	24 0	0 46	23 40	0 25	10 19	9 19	6 16	6 49	9 48		n.a.
S 23	20 4	7 3	3 19	16 47	4 17	21 42	0 56	25 16	1 15	23 38	1 30	22 14	0 17	23 59	0 46	23 40	0 25	10 19	9 19	6 18	6 50	9 50		n.a.
M24	20 17	10 33	4 1	16 36	4 16	22 0	0 58	25 17	1 14	23 36	1 30	22 13	0 17	23 59	0 46	23 41	0 25	10 18	9 18	6 22	6 51	9 52		n.a.
T 25	20 30	13 38	4 33	16 27	4 14	22 17	0 59	25 18	1 14	23 34	1 30	22 12	0 18	23 59	0 46	23 41	0 25	10 18	9 18	6 26	6 52	9 54		n.a.
W26	20 43	16 11	4 53	16 19	4 9	22 33	1 1	25 19	1 14	23 32	1 29	22 12	0 18	23 58	0 46	23 41	0 25	10 18	9 18	6 31	6 54	9 55		n.a.
T 27	20 56	18 3	5 1	16 14	4 3	22 49	1 3	25 19	1 14	23 30	1 29	22 11	0 18	23 58	0 46	23 41	0 25	10 18	9 17	6 37	6 55	9 57		n.a.
F 28	21 8	19 8	4 54	16 11	3 54	23 4	1 4	25 20	1 13	23 28	1 29	22 10	0 18	23 58	0 46	23 42	0 25	10 18	9 17	6 42	6 56	9 59		n.a.
S 29	21 20	19 19	4 34	16 10	3 45	23 18	1 6	25 20	1 13	23 26	1 29	22 10	0 18	23 57	0 45	23 42	0 25	10 18	9 17	6 46	6 57	10 1		n.a.
S 30	21n31	18n34	4s 0	16n11	3s33	23n32	1n 7	25n19	1n13	23n24	1n29	22s 9	0s18	23n57	0n45	23n42	0n25	10n17	9n16	6n50	6n59	10n 2		n.a.

Julian Day Number = 200673.5, Delta T = 32h10m49s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'28, Lahiri = -61°09'28 Julian Calendar 1 June 4164 BCE == Greg. Calendar 29 Apr. 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

JULY 4164 BCE (-4163) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 27 25	4♊52'09	2♌59	24°R47	10♊18	0♋44	24♋ 2	5°R35	15♋27	15♊24	25°R30	12°R59	12♍39	6♉13	n.a.	M 1
T 2	16 31 21	5°50'27	15°54	24♉20	11°32	1°24	24°13	5♐30	15°30	15°27	25♍30	12♍56	12°36	6°20	n.a.	T 2
W 3	16 35 18	6°48'47	29° 7	24° 1	12°47	2° 4	24°24	5°25	15°33	15°29	25°30	12°54	12°32	6°27	n.a.	W 3
T 4	16 39 14	7°47'09	12♍39	23°51	14° 2	2°44	24°35	5°21	15°36	15°31	25°29	12°54	12°29	6°34	n.a.	T 4
F 5	16 43 11	8°45'33	26°32	23°D48	15°17	3°24	24°46	5°16	15°40	15°33	25°29	12°54	12°26	6°40	n.a.	F 5
S 6	16 47 7	9°43'58	10♎48	23°55	16°31	4° 5	24°57	5°11	15°43	15°35	25°29	12°52	12°23	6°47	n.a.	S 6
S 7	16 51 4	10°42'25	25°24	24°10	17°46	4°45	25° 8	5° 7	15°46	15°38	25°29	12°48	12°20	6°54	n.a.	S 7
M 8	16 55 0	11°40'54	10♏18	24°35	19° 1	5°25	25°19	5° 2	15°49	15°40	25°29	12°41	12°17	7° 0	n.a.	M 8
T 9	16 58 57	12°39'25	25°22	25° 8	20°16	6° 6	25°30	4°57	15°53	15°42	25°29	12°32	12°13	7° 7	n.a.	T 9
W10	17 2 53	13°37'59	10♐26	25°49	21°31	6°46	25°42	4°53	15°56	15°44	25°D29	12°21	12°10	7°14	n.a.	W10
T 11	17 6 50	14°36'34	25°21	26°39	22°45	7°27	25°53	4°48	15°59	15°47	25°29	12° 9	12° 7	7°20	n.a.	T 11
F 12	17 10 47	15°35'12	9♑57	27°36	24° 0	8° 7	26° 5	4°44	16° 3	15°49	25°29	11°59	12° 4	7°27	n.a.	F 12
S 13	17 14 43	16°33'52	24° 8	28°40	25°15	8°48	26°16	4°39	16° 6	15°51	25°29	11°51	12° 1	7°34	n.a.	S 13
S 14	17 18 40	17°32'34	7♒50	29°51	26°30	9°29	26°28	4°35	16°10	15°53	25°29	11°45	11°58	7°41	n.a.	S 14
M15	17 22 36	18°31'19	21° 4	1♊ 9	27°45	10° 9	26°39	4°30	16°13	15°56	25°29	11°41	11°54	7°47	n.a.	M15
T 16	17 26 33	19°30'07	3♓52	2°32	29° 0	10°50	26°51	4°26	16°17	15°58	25°29	11°40	11°51	7°54	n.a.	T 16
W17	17 30 29	20°28'57	16°17	3°59	0♋15	11°31	27° 3	4°21	16°20	16° 0	25°30	11°40	11°48	8° 1	n.a.	W17
T 18	17 34 26	21°27'49	28°26	5°32	1°30	12°12	27°15	4°17	16°24	16° 2	25°30	11°40	11°45	8° 7	n.a.	T 18
F 19	17 38 22	22°26'44	10♈23	7° 8	2°45	12°53	27°27	4°13	16°27	16° 5	25°30	11°39	11°42	8°14	n.a.	F 19
S 20	17 42 19	23°25'41	22°14	8°47	4° 0	13°34	27°39	4° 8	16°31	16° 7	25°31	11°35	11°38	8°21	n.a.	S 20
S 21	17 46 15	24°24'41	4♉ 3	10°29	5°15	14°15	27°51	4° 4	16°34	16° 9	25°31	11°30	11°35	8°27	n.a.	S 21
M22	17 50 12	25°23'44	15°55	12°13	6°30	14°56	28° 3	4° 0	16°38	16°11	25°31	11°21	11°32	8°34	n.a.	M22
T 23	17 54 8	26°22'48	27°52	13°59	7°45	15°37	28°15	3°56	16°41	16°13	25°32	11°10	11°29	8°41	n.a.	T 23
W24	17 58 5	27°21'56	9♊58	15°46	9° 0	16°19	28°28	3°52	16°45	16°16	25°32	10°57	11°26	8°48	n.a.	W24
T 25	18 2 2	28°21'06	22°13	17°34	10°15	17° 0	28°40	3°48	16°49	16°18	25°33	10°44	11°23	8°54	n.a.	T 25
F 26	18 5 58	29°20'18	4♋38	19°23	11°30	17°41	28°52	3°44	16°52	16°20	25°33	10°31	11°19	9° 1	n.a.	F 26
S 27	18 9 55	0♋19'32	17°14	21°13	12°45	18°23	29° 5	3°40	16°56	16°22	25°34	10°20	11°16	9° 8	n.a.	S 27
S 28	18 13 51	1°18'49	0♌ 1	23° 2	14° 0	19° 4	29°17	3°36	17° 0	16°24	25°34	10°11	11°13	9°14	n.a.	S 28
M29	18 17 48	2°18'08	12°58	24°52	15°15	19°46	29°30	3°32	17° 3	16°27	25°35	10° 6	11°10	9°21	n.a.	M29
T 30	18 21 44	3°17'28	26° 7	26°41	16°30	20°27	29°42	3°29	17° 7	16°29	25°36	10° 3	11° 7	9°28	n.a.	T 30
W31	18 25 41	4♋16'51	9♍28	28♊30	17♋45	21♋ 9	29♋55	3♐25	17♋11	16♊31	25♍36	10°D 2	11♍ 4	9♉34	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	21n42	16n53	3s14	16n16	3s20	23n45	1n 9	25n19	1n12	23n22	1n29	22s 8	0s18	23n56	0n45	23n42	0n25	10n17	9n16	6n52	7n 0	10n 4		n.a.	M 1
T 2	21 53	14 20	2 18	16 23	3 6	23 57	1 10	25 18	1 12	23 19	1 28	22 7	0 18	23 56	0 45	23 43	0 25	10 17	9 15	6 53	7 1	10 6		n.a.	T 2
W 3	22 3	10 59	1 12	16 33	2 51	24 9	1 11	25 18	1 12	23 17	1 28	22 7	0 18	23 56	0 45	23 43	0 25	10 17	9 15	6 54	7 2	10 8		n.a.	W 3
T 4	22 13	6 59	0 1	16 45	2 35	24 20	1 13	25 16	1 12	23 15	1 28	22 6	0 18	23 55	0 45	23 43	0 25	10 16	9 15	6 54	7 4	10 9		n.a.	T 4
F 5	22 23	2 30	1n11	17 1	2 19	24 30	1 14	25 15	1 11	23 13	1 28	22 5	0 19	23 55	0 45	23 43	0 25	10 16	9 14	6 54	7 5	10 11		n.a.	F 5
S 6	22 32	2s13	2 22	17 19	2 2	24 39	1 15	25 14	1 11	23 11	1 28	22 4	0 19	23 54	0 45	23 44	0 25	10 16	9 14	6 55	7 6	10 13		n.a.	S 6
S 7	22 41	6 56	3 24	17 39	1 45	24 48	1 16	25 12	1 11	23 9	1 28	22 4	0 19	23 54	0 45	23 44	0 25	10 15	9 13	6 56	7 7	10 15		n.a.	S 7
M 8	22 49	11 18	4 14	18 1	1 28	24 56	1 17	25 10	1 10	23 6	1 28	22 3	0 19	23 54	0 45	23 44	0 25	10 15	9 13	6 59	7 9	10 16		n.a.	M 8
T 9	22 57	15 0	4 47	18 26	1 11	25 3	1 18	25 8	1 10	23 4	1 27	22 2	0 19	23 53	0 45	23 44	0 25	10 15	9 13	7 3	7 10	10 18		n.a.	T 9
W10	23 4	17 41	5 0	18 52	0 55	25 9	1 19	25 6	1 10	23 2	1 27	22 1	0 19	23 53	0 45	23 45	0 25	10 14	9 12	7 7	7 11	10 20		n.a.	W10
T 11	23 12	19 9	4 53	19 19	0 39	25 14	1 20	25 3	1 9	22 59	1 27	22 0	0 19	23 52	0 45	23 45	0 25	10 14	9 12	7 11	7 12	10 21		n.a.	T 11
F 12	23 18	19 18	4 26	19 48	0 23	25 19	1 21	25 0	1 9	22 57	1 27	22 0	0 19	23 52	0 45	23 45	0 25	10 14	9 11	7 16	7 14	10 23		n.a.	F 12
S 13	23 25	18 14	3 43	20 17	0 9	25 23	1 22	24 57	1 9	22 55	1 27	21 59	0 19	23 51	0 45	23 45	0 25	10 13	9 11	7 19	7 15	10 25		n.a.	S 13
S 14	23 30	16 6	2 49	20 47	0n 6	25 26	1 22	24 54	1 8	22 52	1 27	21 58	0 19	23 51	0 45	23 46	0 25	10 13	9 11	7 21	7 16	10 27		n.a.	S 14
M15	23 36	13 12	1 47	21 16	0 19	25 29	1 23	24 50	1 8	22 50	1 27	21 57	0 20	23 51	0 45	23 46	0 25	10 12	9 10	7 22	7 17	10 28		n.a.	M15
T 16	23 41	9 44	0 41	21 46	0 31	25 30	1 24	24 47	1 8	22 47	1 27	21 57	0 20	23 50	0 45	23 46	0 25	10 12	9 10	7 23	7 19	10 30		n.a.	T 16
W17	23 45	5 56	0s25	22 14	0 43	25 31	1 24	24 43	1 7	22 45	1 26	21 56	0 20	23 50	0 45	23 46	0 25	10 12	9 9	7 23	7 20	10 32		n.a.	W17
T 18	23 49	1 58	1 28	22 42	0 53	25 31	1 25	24 39	1 7	22 42	1 26	21 55	0 20	23 49	0 45	23 47	0 25	10 11	9 9	7 23	7 21	10 34		n.a.	T 18
F 19	23 53	2n 0	2 26	23 8	1 3	25 30	1 25	24 34	1 7	22 40	1 26	21 54	0 20	23 49	0 45	23 47	0 26	10 11	9 9	7 23	7 22	10 35		n.a.	F 19
S 20	23 56	5 51	3 17	23 34	1 11	25 28	1 25	24 30	1 6	22 37	1 26	21 54	0 20	23 48	0 45	23 47	0 26	10 10	9 8	7 25	7 24	10 37		n.a.	S 20
S 21	23 59	9 28	4 0	23 57	1 19	25 26	1 26	24 25	1 6	22 35	1 26	21 53	0 20	23 48	0 45	23 47	0 26	10 10	9 8	7 27	7 25	10 39		n.a.	S 21
M22	24 2	12 43	4 33	24 19	1 26	25 22	1 26	24 20	1 5	22 32	1 26	21 52	0 20	23 47	0 45	23 48	0 26	10 9	9 7	7 30	7 26	10 40		n.a.	M22
T 23	24 3	15 29	4 53	24 38	1 32	25 18	1 26	24 15	1 5	22 29	1 26	21 52	0 20	23 47	0 45	23 48	0 26	10 8	9 7	7 35	7 27	10 42		n.a.	T 23
W24	24 5	17 36	5 1	24 56	1 37	25 14	1 26	24 9	1 5	22 27	1 26	21 51	0 20	23 46	0 45	23 48	0 26	10 8	9 7	7 40	7 29	10 44		n.a.	W24
T 25	24 6	18 58	4 55	25 11	1 41	25 8	1 26	24 4	1 4	22 24	1 26	21 50	0 20	23 46	0 45	23 48	0 26	10 7	9 6	7 45	7 30	10 46		n.a.	T 25
F 26	24 6	19 26	4 35	25 25	1 45	25 1	1 26	23 58	1 4	22 21	1 25	21 50	0 21	23 45	0 45	23 49	0 26	10 7	9 6	7 50	7 31	10 47		n.a.	F 26
S 27	24 6	18 58	4 2	25 36	1 47	24 54	1 26	23 52	1 4	22 18	1 25	21 49	0 21	23 45	0 45	23 49	0 26	10 6	9 5	7 54	7 32	10 49		n.a.	S 27
S 28	24 6	17 32	3 16	25 44	1 49	24 46	1 26	23 45	1 3	22 16	1 25	21 48	0 21	23 44	0 45	23 49	0 26	10 6	9 5	7 57	7 33	10 51		n.a.	S 28
M29	24 5	15 11	2 19	25 51	1 51	24 37	1 25	23 39	1 3	22 13	1 25	21 47	0 21	23 44	0 45	23 49	0 26	10 5	9 5	8 0	7 35	10 52		n.a.	M29
T 30	24 4	12 1	1 13	25 55	1 51	24 28	1 25	23 32	1 2	22 10	1 25	21 47	0 21	23 44	0 45	23 50	0 26	10 4	9 4	8 1	7 36	10 54		n.a.	T 30
W31	24n 2	8n11	0s 3	25n57	1n51	24n18	1n25	23n25	1n 2	22n 7	1n25	21s46	0s21	23n43	0n45	23n50	0n26	10n 4	9n 4	8n 1	7n37	10n56		n.a.	W31

Julian Day Number = 200703.5, Delta T = 32h10m46s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'24, Lahiri = -61°09'23 Julian Calendar 1 July 4164 BCE == Greg. Calendar 29 May 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

AUGUST 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 29 37	5♋16'16	23♍ 3	0♋19	19♋ 0	21♋51	0♌ 7	3°R21	17♋15	16♊33	25♍37	10♍ 2	11♍ 0	9♉41	n.a.	T 1
F 2	18 33 34	6°15'43	6♎52	2° 7	20°15	22°32	0°20	3♐18	17°18	16°35	25°38	10°R 2	10°57	9°48	n.a.	F 2
S 3	18 37 30	7°15'12	20°57	3°55	21°30	23°14	0°33	3°14	17°22	16°37	25°38	10° 2	10°54	9°55	n.a.	S 3
S 4	18 41 27	8°14'43	5♏17	5°42	22°45	23°56	0°45	3°11	17°26	16°39	25°39	9°59	10°51	10° 1	n.a.	S 4
M 5	18 45 23	9°14'16	19°49	7°29	24° 0	24°38	0°58	3° 8	17°30	16°42	25°40	9°54	10°48	10° 8	n.a.	M 5
T 6	18 49 20	10°13'51	4♐28	9°14	25°15	25°20	1°11	3° 4	17°33	16°44	25°41	9°46	10°44	10°15	n.a.	T 6
W 7	18 53 16	11°13'28	19° 9	10°59	26°30	26° 2	1°24	3° 1	17°37	16°46	25°42	9°37	10°41	10°21	n.a.	W 7
T 8	18 57 13	12°13'07	3♑44	12°44	27°45	26°44	1°37	2°58	17°41	16°48	25°43	9°28	10°38	10°28	n.a.	T 8
F 9	19 1 10	13°12'48	18° 5	14°27	29° 0	27°26	1°50	2°55	17°45	16°50	25°44	9°19	10°35	10°35	n.a.	F 9
S 10	19 5 6	14°12'32	2♒ 7	16°10	0♌15	28° 9	2° 3	2°52	17°49	16°52	25°45	9°12	10°32	10°42	n.a.	S 10
S 11	19 9 3	15°12'18	15°45	17°52	1°30	28°51	2°16	2°49	17°52	16°54	25°46	9° 7	10°29	10°48	n.a.	S 11
M12	19 12 59	16°12'07	28°58	19°34	2°45	29°33	2°29	2°47	17°56	16°56	25°47	9° 5	10°25	10°55	n.a.	M12
T 13	19 16 56	17°11'57	11♓48	21°14	4° 0	0♌16	2°42	2°44	18° 0	16°58	25°48	9°D 4	10°22	11° 2	n.a.	T 13
W14	19 20 52	18°11'51	24°16	22°54	5°15	0°58	2°55	2°42	18° 4	17° 0	25°49	9° 5	10°19	11° 8	n.a.	W14
T 15	19 24 49	19°11'46	6♈27	24°33	6°30	1°40	3° 8	2°39	18° 8	17° 2	25°50	9° 6	10°16	11°15	n.a.	T 15
F 16	19 28 45	20°11'44	18°27	26°12	7°45	2°23	3°21	2°37	18°11	17° 4	25°51	9°R 7	10°13	11°22	n.a.	F 16
S 17	19 32 42	21°11'45	0♉19	27°50	9° 0	3° 6	3°34	2°34	18°15	17° 6	25°53	9° 7	10°10	11°28	n.a.	S 17
S 18	19 36 38	22°11'48	12°10	29°27	10°15	3°48	3°48	2°32	18°19	17° 8	25°54	9° 4	10° 6	11°35	n.a.	S 18
M19	19 40 35	23°11'53	24° 4	1♌ 4	11°30	4°31	4° 1	2°30	18°23	17°10	25°55	9° 0	10° 3	11°42	n.a.	M19
T 20	19 44 31	24°12'01	6♊ 5	2°40	12°44	5°14	4°14	2°28	18°26	17°11	25°56	8°54	10° 0	11°49	n.a.	T 20
W21	19 48 28	25°12'12	18°16	4°16	13°59	5°57	4°27	2°26	18°30	17°13	25°58	8°46	9°57	11°55	n.a.	W21
T 22	19 52 24	26°12'24	0♋41	5°51	15°14	6°39	4°41	2°24	18°34	17°15	25°59	8°38	9°54	12° 2	n.a.	T 22
F 23	19 56 21	27°12'39	13°20	7°25	16°29	7°22	4°54	2°23	18°38	17°17	26° 0	8°30	9°50	12° 9	n.a.	F 23
S 24	20 0 17	28°12'56	26°13	8°59	17°44	8° 5	5° 7	2°21	18°42	17°19	26° 2	8°23	9°47	12°15	n.a.	S 24
S 25	20 4 14	29°13'15	9♌21	10°32	18°59	8°48	5°20	2°20	18°45	17°21	26° 3	8°18	9°44	12°22	n.a.	S 25
M26	20 8 11	0♌13'35	22°42	12° 5	20°14	9°31	5°34	2°18	18°49	17°22	26° 5	8°15	9°41	12°29	n.a.	M26
T 27	20 12 7	1°13'58	6♍14	13°37	21°29	10°15	5°47	2°17	18°53	17°24	26° 6	8°D14	9°38	12°36	n.a.	T 27
W28	20 16 4	2°14'23	19°56	15° 9	22°44	10°58	6° 0	2°16	18°57	17°26	26° 8	8°15	9°35	12°42	n.a.	W28
T 29	20 20 0	3°14'49	3♎47	16°40	23°59	11°41	6°14	2°15	19° 0	17°28	26° 9	8°16	9°31	12°49	n.a.	T 29
F 30	20 23 57	4°15'17	17°45	18°11	25°14	12°24	6°27	2°14	19° 4	17°29	26°11	8°18	9°28	12°56	n.a.	F 30
S 31	20 27 53	5♌15'46	1♏50	19♌41	26♌29	13♌ 8	6♌40	2♐13	19♋ 8	17♊31	26♍12	8°R18	9♍25	13♉ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	24n 0	3n53	1n 9	25n57	1n51	24n 7	1n24	23n18	1n 2	22n 4	1n25	21s46	0s21	23n43	0n45	23n50	0n26	10n 3	9n 3	8n 1	7n38	10n58			n.a.
F 2	23 57	0s42	2 18	25 55	1 50	23 55	1 24	23 10	1 1	22 2	1 25	21 45	0 21	23 42	0 45	23 50	0 26	10 2	9 3	8 1	7 40	10 59			n.a.
S 3	23 54	5 19	3 20	25 51	1 48	23 42	1 23	23 3	1 1	21 59	1 25	21 44	0 21	23 42	0 45	23 51	0 26	10 2	9 3	8 1	7 41	11 1			n.a.
S 4	23 51	9 43	4 11	25 45	1 46	23 29	1 22	22 55	1 0	21 56	1 25	21 44	0 21	23 41	0 45	23 51	0 26	10 1	9 2	8 2	7 42	11 3			n.a.
M 5	23 47	13 36	4 46	25 37	1 44	23 15	1 22	22 47	1 0	21 53	1 25	21 43	0 21	23 41	0 45	23 51	0 26	10 0	9 2	8 4	7 43	11 4			n.a.
T 6	23 42	16 40	5 3	25 28	1 41	23 0	1 21	22 39	1 0	21 50	1 25	21 43	0 21	23 40	0 45	23 51	0 26	10 0	9 2	8 7	7 45	11 6			n.a.
W 7	23 37	18 40	5 0	25 16	1 38	22 45	1 20	22 30	0 59	21 47	1 25	21 42	0 22	23 39	0 45	23 52	0 26	9 59	9 1	8 11	7 46	11 8			n.a.
T 8	23 32	19 25	4 38	25 3	1 34	22 29	1 19	22 21	0 59	21 44	1 24	21 42	0 22	23 39	0 45	23 52	0 26	9 58	9 1	8 14	7 47	11 9			n.a.
F 9	23 26	18 55	3 58	24 48	1 31	22 12	1 18	22 12	0 58	21 41	1 24	21 41	0 22	23 38	0 45	23 52	0 26	9 58	9 0	8 18	7 48	11 11			n.a.
S 10	23 20	17 15	3 5	24 32	1 27	21 55	1 17	22 3	0 58	21 38	1 24	21 40	0 22	23 38	0 45	23 52	0 26	9 57	9 0	8 20	7 50	11 13			n.a.
S 11	23 13	14 38	2 2	24 14	1 22	21 37	1 16	21 54	0 57	21 35	1 24	21 40	0 22	23 37	0 45	23 53	0 26	9 56	9 0	8 22	7 51	11 14			n.a.
M12	23 6	11 19	0 54	23 55	1 17	21 18	1 15	21 45	0 57	21 31	1 24	21 40	0 22	23 37	0 45	23 53	0 26	9 55	8 59	8 23	7 52	11 16			n.a.
T 13	22 58	7 33	0s15	23 35	1 13	20 59	1 14	21 35	0 56	21 28	1 24	21 39	0 22	23 36	0 45	23 53	0 26	9 54	8 59	8 23	7 53	11 18			n.a.
W14	22 50	3 34	1 21	23 13	1 7	20 39	1 12	21 25	0 56	21 25	1 24	21 39	0 22	23 36	0 45	23 53	0 26	9 54	8 59	8 23	7 55	11 20			n.a.
T 15	22 41	0n28	2 22	22 50	1 2	20 19	1 11	21 15	0 56	21 22	1 24	21 38	0 22	23 35	0 45	23 53	0 26	9 53	8 58	8 23	7 56	11 21			n.a.
F 16	22 32	4 25	3 16	22 26	0 57	19 58	1 9	21 4	0 55	21 19	1 24	21 38	0 22	23 35	0 45	23 54	0 26	9 52	8 58	8 22	7 57	11 23			n.a.
S 17	22 23	8 9	4 1	22 1	0 51	19 36	1 8	20 54	0 55	21 16	1 24	21 37	0 22	23 34	0 45	23 54	0 26	9 51	8 57	8 23	7 58	11 25			n.a.
S 18	22 13	11 33	4 36	21 34	0 45	19 14	1 7	20 43	0 54	21 12	1 24	21 37	0 22	23 34	0 45	23 54	0 26	9 50	8 57	8 23	7 59	11 26			n.a.
M19	22 3	14 30	4 58	21 7	0 39	18 51	1 5	20 32	0 54	21 9	1 24	21 37	0 22	23 33	0 45	23 54	0 26	9 50	8 57	8 25	8 1	11 28			n.a.
T 20	21 52	16 52	5 8	20 39	0 33	18 28	1 3	20 21	0 53	21 6	1 24	21 36	0 22	23 33	0 45	23 54	0 26	9 49	8 56	8 28	8 2	11 30			n.a.
W21	21 41	18 31	5 4	20 10	0 27	18 4	1 2	20 10	0 53	21 2	1 24	21 36	0 23	23 32	0 45	23 55	0 26	9 48	8 56	8 30	8 3	11 31			n.a.
T 22	21 30	19 20	4 46	19 40	0 21	17 40	1 0	19 58	0 52	20 59	1 24	21 36	0 23	23 32	0 45	23 55	0 26	9 47	8 56	8 34	8 4	11 33			n.a.
F 23	21 18	19 13	4 14	19 10	0 14	17 15	0 58	19 47	0 52	20 56	1 24	21 35	0 23	23 31	0 45	23 55	0 26	9 46	8 55	8 37	8 6	11 35			n.a.
S 24	21 6	18 6	3 28	18 38	0 8	16 50	0 56	19 35	0 51	20 52	1 24	21 35	0 23	23 31	0 45	23 55	0 26	9 45	8 55	8 39	8 7	11 36			n.a.
S 25	20 53	16 0	2 31	18 6	0 1	16 24	0 54	19 23	0 51	20 49	1 24	21 35	0 23	23 30	0 45	23 56	0 26	9 44	8 55	8 41	8 8	11 38			n.a.
M26	20 40	13 1	1 24	17 34	0s 5	15 58	0 52	19 10	0 50	20 46	1 24	21 35	0 23	23 30	0 45	23 56	0 26	9 43	8 54	8 42	8 9	11 40			n.a.
T 27	20 27	9 19	0 11	17 0	0 12	15 32	0 50	18 58	0 50	20 42	1 24	21 34	0 23	23 29	0 45	23 56	0 26	9 42	8 54	8 43	8 11	11 41			n.a.
W28	20 13	5 4	1n 3	16 27	0 19	15 5	0 48	18 45	0 49	20 39	1 24	21 34	0 23	23 29	0 45	23 56	0 26	9 42	8 54	8 43	8 12	11 43			n.a.
T 29	19 58	0 31	2 15	15 52	0 26	14 38	0 46	18 33	0 49	20 35	1 24	21 34	0 23	23 28	0 45	23 56	0 26	9 41	8 53	8 42	8 13	11 45			n.a.
F 30	19 44	4s 6	3 19	15 18	0 32	14 10	0 44	18 20	0 48	20 32	1 24	21 34	0 23	23 28	0 45	23 56	0 26	9 40	8 53	8 41	8 14	11 46			n.a.
S 31	19n29	8s31	4n12	14n43	0s39	13n42	0n42	18n 7	0n48	20n29	1n24	21s34	0s23	23n27	0n45	23n57	0n26	9n39	8n53	8n41	8n15	11n48			n.a.

Julian Day Number = 200734.5, Delta T = 32h10m43s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'20, Lahiri = -61°09'19 Julian Calendar 1 Aug. 4164 BCE == Greg. Calendar 29 June 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

SEPTEMBER 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 31 50	6♌16'17	16♏ 1	21♌11	27♌43	13♌51	6♌54	2°R12	19♋11	17♊32	26♍14	8°R18	9♍22	13♉ 9	n.a.	S 1
M 2	20 35 46	7°16'50	0♐15	22°40	28°58	14°35	7° 7	2♐12	19°15	17°34	26°16	8♍16	9°19	13°16	n.a.	M 2
T 3	20 39 43	8°17'25	14°30	24° 9	0♍13	15°18	7°21	2°11	19°19	17°36	26°17	8°13	9°15	13°23	n.a.	T 3
W 4	20 43 39	9°18'01	28°42	25°37	1°28	16° 2	7°34	2°11	19°22	17°37	26°19	8° 9	9°12	13°29	n.a.	W 4
T 5	20 47 36	10°18'38	12♑48	27° 5	2°43	16°45	7°47	2°10	19°26	17°39	26°21	8° 5	9° 9	13°36	n.a.	T 5
F 6	20 51 32	11°19'17	26°42	28°32	3°57	17°29	8° 1	2°10	19°30	17°40	26°22	8° 0	9° 6	13°43	n.a.	F 6
S 7	20 55 29	12°19'58	10♒22	29°58	5°12	18°13	8°14	2°10	19°33	17°42	26°24	7°57	9° 3	13°49	n.a.	S 7
S 8	20 59 26	13°20'41	23°45	1♍24	6°27	18°57	8°27	2°D10	19°37	17°43	26°26	7°55	9° 0	13°56	n.a.	S 8
M 9	21 3 22	14°21'25	6♓49	2°49	7°42	19°40	8°41	2°10	19°40	17°45	26°28	7°D55	8°56	14° 3	n.a.	M 9
T 10	21 7 19	15°22'11	19°33	4°13	8°56	20°24	8°54	2°10	19°44	17°46	26°30	7°55	8°53	14°10	n.a.	T 10
W11	21 11 15	16°22'59	2♈ 0	5°37	10°11	21° 8	9° 7	2°11	19°47	17°47	26°31	7°56	8°50	14°16	n.a.	W11
T 12	21 15 12	17°23'48	14°13	6°59	11°26	21°52	9°21	2°11	19°51	17°49	26°33	7°58	8°47	14°23	n.a.	T 12
F 13	21 19 8	18°24'40	26°14	8°21	12°40	22°36	9°34	2°11	19°54	17°50	26°35	7°59	8°44	14°30	n.a.	F 13
S 14	21 23 5	19°25'33	8♉ 7	9°41	13°55	23°20	9°47	2°12	19°58	17°51	26°37	8° 1	8°41	14°36	n.a.	S 14
S 15	21 27 1	20°26'28	19°59	11° 0	15°10	24° 4	10° 1	2°13	20° 1	17°53	26°39	8°R 1	8°37	14°43	n.a.	S 15
M16	21 30 58	21°27'25	1♊53	12°18	16°24	24°49	10°14	2°14	20° 5	17°54	26°41	8° 1	8°34	14°50	n.a.	M16
T 17	21 34 54	22°28'23	13°54	13°34	17°39	25°33	10°27	2°15	20° 8	17°55	26°43	8° 0	8°31	14°56	n.a.	T 17
W18	21 38 51	23°29'24	26° 7	14°49	18°53	26°17	10°40	2°16	20°11	17°56	26°45	7°58	8°28	15° 3	n.a.	W18
T 19	21 42 48	24°30'25	8♋36	16° 1	20° 8	27° 2	10°54	2°17	20°15	17°57	26°47	7°56	8°25	15°10	n.a.	T 19
F 20	21 46 44	25°31'29	21°22	17°11	21°23	27°46	11° 7	2°18	20°18	17°58	26°49	7°54	8°21	15°17	n.a.	F 20
S 21	21 50 41	26°32'34	4♌29	18°18	22°37	28°30	11°20	2°20	20°21	17°59	26°51	7°52	8°18	15°23	n.a.	S 21
S 22	21 54 37	27°33'40	17°54	19°23	23°52	29°15	11°33	2°21	20°24	18° 1	26°53	7°51	8°15	15°30	n.a.	S 22
M23	21 58 34	28°34'47	1♍38	20°24	25° 6	29°59	11°46	2°23	20°28	18° 2	26°55	7°D51	8°12	15°37	n.a.	M23
T 24	22 2 30	29°35'56	15°38	21°21	26°21	0♍44	11°59	2°25	20°31	18° 3	26°57	7°51	8° 9	15°43	n.a.	T 24
W25	22 6 27	0♍37'06	29°49	22°13	27°35	1°29	12°12	2°26	20°34	18° 3	26°59	7°51	8° 6	15°50	n.a.	W25
T 26	22 10 23	1°38'16	14♎ 7	23° 1	28°50	2°13	12°25	2°28	20°37	18° 4	27° 1	7°52	8° 2	15°57	n.a.	T 26
F 27	22 14 20	2°39'28	28°28	23°43	0♎ 4	2°58	12°38	2°30	20°40	18° 5	27° 3	7°52	7°59	16° 4	n.a.	F 27
S 28	22 18 17	3°40'40	12♏48	24°19	1°18	3°43	12°51	2°33	20°43	18° 6	27° 5	7°53	7°56	16°10	n.a.	S 28
S 29	22 22 13	4°41'54	27° 4	24°47	2°33	4°28	13° 4	2°35	20°46	18° 7	27° 7	7°53	7°53	16°17	n.a.	S 29
M30	22 26 10	5♍43'07	11♐13	25♍ 8	3♎47	5♍13	13♌17	2♐37	20♋49	18♊ 8	27♍10	7°R53	7♍50	16♉24	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n14	12s29	4n50	14n 7	0s46	13n13	0n40	17n53	0n47	20n25	1n24	21s34	0s23	23n26	0n45	23n57	0n26	9n38	8n52	8n41	8n17	11n50		n.a.
M 2	18 58	15 44	5 10	13 31	0 52	12 44	0 38	17 40	0 47	20 22	1 24	21 34	0 23	23 26	0 45	23 57	0 26	9 37	8 52	8 42	8 18	11 51		n.a.
T 3	18 42	18 2	5 11	12 55	0 59	12 15	0 35	17 26	0 46	20 18	1 24	21 34	0 23	23 25	0 45	23 57	0 26	9 36	8 52	8 43	8 19	11 53		n.a.
W 4	18 26	19 13	4 53	12 19	1 6	11 46	0 33	17 12	0 46	20 14	1 24	21 34	0 23	23 25	0 45	23 57	0 26	9 35	8 51	8 45	8 20	11 55		n.a.
T 5	18 9	19 12	4 18	11 42	1 12	11 16	0 31	16 58	0 45	20 11	1 24	21 34	0 23	23 24	0 45	23 58	0 27	9 34	8 51	8 46	8 22	11 56		n.a.
F 6	17 52	18 1	3 27	11 5	1 18	10 46	0 28	16 44	0 45	20 7	1 24	21 34	0 23	23 24	0 45	23 58	0 27	9 33	8 51	8 48	8 23	11 58		n.a.
S 7	17 35	15 48	2 26	10 29	1 25	10 16	0 26	16 30	0 44	20 4	1 24	21 34	0 24	23 23	0 45	23 58	0 27	9 32	8 51	8 49	8 24	12 0		n.a.
S 8	17 17	12 46	1 17	9 52	1 31	9 45	0 23	16 15	0 44	20 0	1 24	21 34	0 24	23 23	0 45	23 58	0 27	9 31	8 50	8 50	8 25	12 1		n.a.
M 9	16 59	9 10	0 6	9 15	1 37	9 14	0 21	16 1	0 43	19 57	1 24	21 34	0 24	23 22	0 45	23 58	0 27	9 30	8 50	8 50	8 26	12 3		n.a.
T 10	16 41	5 13	1s 4	8 38	1 43	8 43	0 18	15 46	0 43	19 53	1 24	21 34	0 24	23 22	0 45	23 58	0 27	9 29	8 50	8 50	8 28	12 5		n.a.
W11	16 22	1 9	2 9	8 2	1 49	8 12	0 16	15 31	0 42	19 49	1 24	21 34	0 24	23 21	0 45	23 59	0 27	9 28	8 49	8 50	8 29	12 6		n.a.
T 12	16 3	2n54	3 7	7 25	1 54	7 41	0 13	15 16	0 41	19 46	1 24	21 34	0 24	23 21	0 46	23 59	0 27	9 27	8 49	8 49	8 30	12 8		n.a.
F 13	15 44	6 45	3 56	6 49	2 0	7 9	0 10	15 0	0 41	19 42	1 24	21 34	0 24	23 20	0 46	23 59	0 27	9 26	8 49	8 48	8 31	12 10		n.a.
S 14	15 24	10 17	4 34	6 14	2 5	6 37	0 8	14 45	0 40	19 39	1 24	21 35	0 24	23 20	0 46	23 59	0 27	9 25	8 49	8 48	8 33	12 11		n.a.
S 15	15 5	13 25	5 1	5 39	2 10	6 5	0 5	14 29	0 40	19 35	1 24	21 35	0 24	23 19	0 46	23 59	0 27	9 24	8 48	8 48	8 34	12 13		n.a.
M16	14 45	15 59	5 14	5 4	2 14	5 33	0 3	14 14	0 39	19 31	1 24	21 35	0 24	23 19	0 46	23 59	0 27	9 23	8 48	8 48	8 35	12 15		n.a.
T 17	14 24	17 54	5 15	4 31	2 19	5 1	0s 0	13 58	0 39	19 28	1 24	21 35	0 24	23 18	0 46	23 59	0 27	9 22	8 48	8 48	8 36	12 16		n.a.
W18	14 4	19 3	5 1	3 58	2 22	4 28	0 3	13 42	0 38	19 24	1 24	21 35	0 24	23 18	0 46	24 0	0 27	9 21	8 48	8 49	8 37	12 18		n.a.
T 19	13 43	19 18	4 32	3 26	2 26	3 56	0 6	13 26	0 37	19 20	1 24	21 36	0 24	23 17	0 46	24 0	0 27	9 20	8 47	8 50	8 39	12 19		n.a.
F 20	13 22	18 35	3 50	2 56	2 29	3 23	0 8	13 10	0 37	19 16	1 24	21 36	0 24	23 17	0 46	24 0	0 27	9 19	8 47	8 50	8 40	12 21		n.a.
S 21	13 1	16 51	2 55	2 27	2 31	2 50	0 11	12 53	0 36	19 13	1 24	21 36	0 24	23 16	0 46	24 0	0 27	9 18	8 47	8 51	8 41	12 23		n.a.
S 22	12 39	14 11	1 48	1 59	2 33	2 18	0 14	12 37	0 36	19 9	1 25	21 37	0 24	23 16	0 46	24 0	0 27	9 17	8 47	8 52	8 42	12 24		n.a.
M23	12 18	10 39	0 34	1 33	2 34	1 45	0 16	12 20	0 35	19 5	1 25	21 37	0 24	23 15	0 46	24 0	0 27	9 16	8 46	8 52	8 44	12 26		n.a.
T 24	11 56	6 29	0n43	1 10	2 35	1 12	0 19	12 3	0 35	19 2	1 25	21 38	0 24	23 15	0 46	24 0	0 27	9 15	8 46	8 52	8 45	12 28		n.a.
W25	11 34	1 53	1 59	0 49	2 34	0 39	0 22	11 46	0 34	18 58	1 25	21 38	0 24	23 15	0 46	24 0	0 27	9 14	8 46	8 52	8 46	12 29		n.a.
T 26	11 11	2s51	3 8	0 31	2 33	0 6	0 25	11 29	0 33	18 54	1 25	21 38	0 25	23 14	0 46	24 1	0 27	9 12	8 46	8 51	8 47	12 31		n.a.
F 27	10 49	7 25	4 6	0 16	2 31	0s27	0 27	11 12	0 33	18 51	1 25	21 39	0 25	23 14	0 46	24 1	0 27	9 11	8 45	8 51	8 48	12 33		n.a.
S 28	10 26	11 33	4 48	0 5	2 27	1 0	0 30	10 55	0 32	18 47	1 25	21 39	0 25	23 13	0 46	24 1	0 27	9 10	8 45	8 51	8 50	12 34		n.a.
S 29	10 3	15 0	5 12	0s 3	2 22	1 32	0 33	10 38	0 32	18 43	1 25	21 40	0 25	23 13	0 46	24 1	0 27	9 9	8 45	8 51	8 51	12 36		n.a.
M30	9n40	17s31	5n17	0s 5	2s16	2s 5	0s36	10n20	0n31	18n39	1n25	21s40	0s25	23n12	0n46	24n 1	0n27	9n 8	8n45	8n51	8n52	12n37		n.a.

Julian Day Number = 200765.5, Delta T = 32h10m40s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'16, Lahiri = -61°09'15 Julian Calendar 1 Sept. 4164 BCE == Greg. Calendar 30 July 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

OCTOBER 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 30 6	6♍44'22	25♐12	25♍19	5♎ 1	5♍58	13♑30	2♐40	20♋52	18♊ 8	27♍12	7°R53	7♍47	16♉30	n.a.	T 1
W 2	22 34 3	7°45'37	9♑ 1	25°R22	6°16	6°43	13°43	2°42	20°55	18° 9	27°14	7°D53	7°43	16°37	n.a.	W 2
T 3	22 37 59	8°46'53	22°39	25°13	7°30	7°28	13°55	2°45	20°58	18°10	27°16	7♍53	7°40	16°44	n.a.	T 3
F 4	22 41 56	9°48'09	6♒ 5	24°54	8°44	8°13	14° 8	2°48	21° 1	18°11	27°18	7°53	7°37	16°51	n.a.	F 4
S 5	22 45 52	10°49'26	19°18	24°23	9°58	8°58	14°21	2°50	21° 4	18°11	27°21	7°53	7°34	16°57	n.a.	S 5
S 6	22 49 49	11°50'43	2♓18	23°41	11°12	9°43	14°34	2°53	21° 6	18°12	27°23	7°R53	7°31	17° 4	n.a.	S 6
M 7	22 53 46	12°52'01	15° 4	22°49	12°27	10°28	14°46	2°57	21° 9	18°12	27°25	7°53	7°27	17°11	n.a.	M 7
T 8	22 57 42	13°53'20	27°37	21°46	13°41	11°13	14°59	3° 0	21°12	18°13	27°27	7°53	7°24	17°17	n.a.	T 8
W 9	23 1 39	14°54'39	9♈57	20°35	14°55	11°58	15°11	3° 3	21°14	18°13	27°29	7°52	7°21	17°24	n.a.	W 9
T 10	23 5 35	15°55'59	22° 6	19°17	16° 9	12°44	15°24	3° 6	21°17	18°14	27°32	7°51	7°18	17°31	n.a.	T 10
F 11	23 9 32	16°57'20	4♉ 6	17°56	17°23	13°29	15°36	3°10	21°20	18°14	27°34	7°50	7°15	17°38	n.a.	F 11
S 12	23 13 28	17°58'42	16° 0	16°33	18°37	14°15	15°48	3°13	21°22	18°15	27°36	7°49	7°12	17°44	n.a.	S 12
S 13	23 17 25	19° 0'04	27°51	15°12	19°51	15° 0	16° 1	3°17	21°25	18°15	27°38	7°47	7° 8	17°51	n.a.	S 13
M14	23 21 22	20° 1'27	9♊44	13°55	21° 5	15°45	16°13	3°21	21°27	18°15	27°41	7°47	7° 5	17°58	n.a.	M14
T 15	23 25 18	21° 2'50	21°43	12°44	22°19	16°31	16°25	3°24	21°29	18°16	27°43	7°D46	7° 2	18° 4	n.a.	T 15
W16	23 29 15	22° 4'14	3♋53	11°42	23°33	17°17	16°37	3°28	21°32	18°16	27°45	7°47	6°59	18°11	n.a.	W16
T 17	23 33 11	23° 5'39	16°19	10°50	24°46	18° 2	16°49	3°32	21°34	18°16	27°47	7°48	6°56	18°18	n.a.	T 17
F 18	23 37 8	24° 7'04	29° 4	10° 9	26° 0	18°48	17° 1	3°36	21°36	18°16	27°50	7°49	6°52	18°25	n.a.	F 18
S 19	23 41 4	25° 8'30	12♌12	9°38	27°14	19°33	17°13	3°41	21°38	18°16	27°52	7°50	6°49	18°31	n.a.	S 19
S 20	23 45 1	26° 9'56	25°45	9°18	28°28	20°19	17°25	3°45	21°41	18°16	27°54	7°51	6°46	18°38	n.a.	S 20
M21	23 48 58	27°11'22	9♍43	9°D 9	29°42	21° 5	17°37	3°49	21°43	18°16	27°56	7°R52	6°43	18°45	n.a.	M21
T 22	23 52 54	28°12'48	24° 3	9°10	0♏55	21°51	17°48	3°54	21°45	18°R17	27°59	7°51	6°40	18°52	n.a.	T 22
W23	23 56 51	29°14'14	8♎40	9°20	2° 9	22°37	18° 0	3°58	21°47	18°17	28° 1	7°49	6°37	18°58	n.a.	W23
T 24	0 0 47	0♎15'40	23°28	9°38	3°23	23°22	18°12	4° 3	21°49	18°16	28° 3	7°47	6°33	19° 5	n.a.	T 24
F 25	0 4 44	1°17'06	8♏19	10° 4	4°36	24° 8	18°23	4° 8	21°51	18°16	28° 6	7°43	6°30	19°12	n.a.	F 25
S 26	0 8 40	2°18'32	23° 5	10°37	5°50	24°54	18°35	4°12	21°53	18°16	28° 8	7°40	6°27	19°18	n.a.	S 26
S 27	0 12 37	3°19'58	7♐39	11°16	7° 3	25°40	18°46	4°17	21°54	18°16	28°10	7°37	6°24	19°25	n.a.	S 27
M28	0 16 34	4°21'23	21°57	12° 1	8°17	26°26	18°57	4°22	21°56	18°16	28°12	7°35	6°21	19°32	n.a.	M28
T 29	0 20 30	5°22'47	5♑56	12°51	9°30	27°12	19° 8	4°27	21°58	18°16	28°15	7°D35	6°18	19°39	n.a.	T 29
W30	0 24 27	6°24'11	19°35	13°45	10°43	27°58	19°20	4°32	22° 0	18°16	28°17	7°35	6°14	19°45	n.a.	W30
T 31	0 28 23	7♎25'34	2♒57	14♍43	11♏57	28♍45	19♑31	4♐37	22♋ 1	18♊15	28♍19	7♍37	6♍11	19♉52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9n17	18s58	5n 3	0s 3	2s 9	2s38	0s38	10n 3	0n30	18n36	1n25	21s41	0s25	23n12	0n46	24n 1	0n27	9n 7	8n45	8n51	8n53	12n39			n.a.
W 2	8 54	19 16	4 32	0n 4	2 0	3 11	0 41	9 45	0 30	18 32	1 25	21 42	0 25	23 11	0 46	24 1	0 27	9 6	8 44	8 51	8 55	12 41			n.a.
T 3	8 30	18 26	3 46	0 17	1 49	3 43	0 44	9 27	0 29	18 28	1 25	21 42	0 25	23 11	0 46	24 1	0 27	9 5	8 44	8 51	8 56	12 42			n.a.
F 4	8 6	16 34	2 48	0 36	1 37	4 16	0 46	9 10	0 28	18 24	1 25	21 43	0 25	23 11	0 46	24 1	0 27	9 4	8 44	8 51	8 57	12 44			n.a.
S 5	7 43	13 51	1 41	1 2	1 23	4 48	0 49	8 52	0 28	18 21	1 26	21 43	0 25	23 10	0 46	24 1	0 27	9 3	8 44	8 51	8 58	12 46			n.a.
S 6	7 19	10 28	0 31	1 33	1 7	5 21	0 52	8 34	0 27	18 17	1 26	21 44	0 25	23 10	0 46	24 2	0 27	9 2	8 44	8 51	8 59	12 47			n.a.
M 7	6 55	6 39	0s40	2 10	0 50	5 53	0 54	8 15	0 27	18 13	1 26	21 45	0 25	23 9	0 46	24 2	0 27	9 1	8 44	8 51	9 1	12 49			n.a.
T 8	6 31	2 37	1 47	2 53	0 31	6 25	0 57	7 57	0 26	18 10	1 26	21 45	0 25	23 9	0 46	24 2	0 27	9 0	8 43	8 51	9 2	12 50			n.a.
W 9	6 6	1n28	2 49	3 40	0 11	6 57	1 0	7 39	0 25	18 6	1 26	21 46	0 25	23 9	0 46	24 2	0 27	8 59	8 43	8 51	9 3	12 52			n.a.
T 10	5 42	5 26	3 41	4 29	0n 9	7 28	1 2	7 21	0 25	18 2	1 26	21 47	0 25	23 8	0 46	24 2	0 27	8 58	8 43	8 51	9 4	12 54			n.a.
F 11	5 17	9 7	4 24	5 21	0 30	8 0	1 5	7 2	0 24	17 59	1 26	21 47	0 25	23 8	0 46	24 2	0 28	8 57	8 43	8 52	9 5	12 55			n.a.
S 12	4 53	12 24	4 54	6 13	0 50	8 31	1 7	6 44	0 23	17 55	1 26	21 48	0 25	23 8	0 46	24 2	0 28	8 56	8 43	8 53	9 7	12 57			n.a.
S 13	4 28	15 10	5 12	7 3	1 9	9 3	1 10	6 25	0 23	17 51	1 26	21 49	0 25	23 7	0 47	24 2	0 28	8 55	8 43	8 53	9 8	12 58			n.a.
M14	4 3	17 19	5 17	7 50	1 27	9 33	1 12	6 6	0 22	17 48	1 27	21 50	0 25	23 7	0 47	24 2	0 28	8 54	8 43	8 53	9 9	13 0			n.a.
T 15	3 39	18 44	5 7	8 33	1 44	10 4	1 14	5 47	0 21	17 44	1 27	21 51	0 25	23 6	0 47	24 2	0 28	8 52	8 42	8 53	9 10	13 2			n.a.
W16	3 14	19 19	4 45	9 11	1 58	10 35	1 17	5 29	0 21	17 40	1 27	21 51	0 26	23 6	0 47	24 2	0 28	8 51	8 42	8 53	9 12	13 3			n.a.
T 17	2 49	18 59	4 8	9 43	2 11	11 5	1 19	5 10	0 20	17 37	1 27	21 52	0 26	23 6	0 47	24 2	0 28	8 50	8 42	8 53	9 13	13 5			n.a.
F 18	2 24	17 41	3 18	10 9	2 22	11 35	1 21	4 51	0 19	17 33	1 27	21 53	0 26	23 5	0 47	24 2	0 28	8 49	8 42	8 52	9 14	13 6			n.a.
S 19	1 59	15 25	2 17	10 29	2 30	12 4	1 24	4 32	0 19	17 29	1 27	21 54	0 26	23 5	0 47	24 2	0 28	8 48	8 42	8 52	9 15	13 8			n.a.
S 20	1 34	12 15	1 6	10 43	2 37	12 33	1 26	4 13	0 18	17 26	1 27	21 55	0 26	23 5	0 47	24 2	0 28	8 47	8 42	8 51	9 16	13 10			n.a.
M21	1 9	8 18	0n10	10 51	2 42	13 2	1 28	3 54	0 17	17 22	1 27	21 56	0 26	23 5	0 47	24 2	0 28	8 46	8 42	8 51	9 18	13 11			n.a.
T 22	0 44	3 46	1 28	10 54	2 45	13 31	1 30	3 34	0 17	17 19	1 28	21 57	0 26	23 4	0 47	24 2	0 28	8 45	8 42	8 52	9 19	13 13			n.a.
W23	0 19	1s 4	2 42	10 52	2 47	13 59	1 32	3 15	0 16	17 15	1 28	21 58	0 26	23 4	0 47	24 2	0 28	8 44	8 42	8 52	9 20	13 14			n.a.
T 24	0s 6	5 53	3 45	10 45	2 48	14 27	1 34	2 56	0 15	17 12	1 28	21 58	0 26	23 4	0 47	24 2	0 28	8 43	8 41	8 53	9 21	13 16			n.a.
F 25	0 31	10 22	4 34	10 34	2 47	14 55	1 36	2 37	0 15	17 8	1 28	21 59	0 26	23 3	0 47	24 3	0 28	8 42	8 41	8 55	9 22	13 17			n.a.
S 26	0 57	14 10	5 4	10 20	2 46	15 22	1 38	2 17	0 14	17 5	1 28	22 0	0 26	23 3	0 47	24 3	0 28	8 41	8 41	8 56	9 24	13 19			n.a.
S 27	1 22	17 2	5 14	10 2	2 43	15 49	1 40	1 58	0 13	17 1	1 28	22 1	0 26	23 3	0 47	24 3	0 28	8 40	8 41	8 57	9 25	13 21			n.a.
M28	1 47	18 48	5 4	9 42	2 40	16 15	1 41	1 39	0 12	16 58	1 29	22 2	0 26	23 3	0 47	24 3	0 28	8 39	8 41	8 58	9 26	13 22			n.a.
T 29	2 12	19 22	4 37	9 19	2 36	16 41	1 43	1 19	0 12	16 54	1 29	22 3	0 26	23 2	0 47	24 3	0 28	8 38	8 41	8 58	9 27	13 24			n.a.
W30	2 37	18 47	3 54	8 53	2 32	17 7	1 45	1 0	0 11	16 51	1 29	22 4	0 26	23 2	0 47	24 3	0 28	8 37	8 41	8 58	9 28	13 25			n.a.
T 31	3s 2	17s 9	2n59	8n26	2n27	17s32	1s46	0n40	0n10	16n47	1n29	22s 5	0s26	23n 2	0n47	24n 3	0n28	8n36	8n41	8n57	9n30	13n27			n.a.

Julian Day Number = 200795.5, Delta T = 32h10m36s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'12, Lahiri = -61°09'11 Julian Calendar 1 Oct. 4164 BCE == Greg. Calendar 29 Aug. 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

NOVEMBER 4164 BCE (-4163) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 32 20	8♎26'56	16♒ 1	15♍44	13♏10	29♍31	19♌41	4♐43	22♋ 3	18°R15	28♍21	7♍38	6♍ 8	19♉59	n.a.	F 1
S 2	0 36 16	9°28'18	28°51	16°49	14°23	0♎17	19°52	4°48	22° 4	18♊15	28°24	7°40	6° 5	20° 5	n.a.	S 2
S 3	0 40 13	10°29'39	11♓29	17°56	15°36	1° 3	20° 3	4°53	22° 6	18°14	28°26	7°R40	6° 2	20°12	n.a.	S 3
M 4	0 44 10	11°30'59	23°55	19° 5	16°49	1°49	20°14	4°59	22° 7	18°14	28°28	7°39	5°58	20°19	n.a.	M 4
T 5	0 48 6	12°32'19	6♈13	20°17	18° 2	2°35	20°24	5° 4	22° 8	18°13	28°30	7°35	5°55	20°26	n.a.	T 5
W 6	0 52 3	13°33'38	18°22	21°31	19°15	3°22	20°35	5°10	22°10	18°13	28°33	7°30	5°52	20°32	n.a.	W 6
T 7	0 55 59	14°34'57	0♉25	22°46	20°28	4° 8	20°45	5°16	22°11	18°12	28°35	7°24	5°49	20°39	n.a.	T 7
F 8	0 59 56	15°36'15	12°21	24° 3	21°41	4°54	20°55	5°21	22°12	18°12	28°37	7°16	5°46	20°46	n.a.	F 8
S 9	1 3 52	16°37'32	24°14	25°21	22°54	5°41	21° 6	5°27	22°13	18°11	28°39	7° 9	5°43	20°52	n.a.	S 9
S 10	1 7 49	17°38'49	6♊ 6	26°41	24° 7	6°27	21°16	5°33	22°14	18°11	28°41	7° 1	5°39	20°59	n.a.	S 10
M11	1 11 46	18°40'06	17°58	28° 2	25°20	7°14	21°26	5°39	22°15	18°10	28°44	6°55	5°36	21° 6	n.a.	M11
T 12	1 15 42	19°41'21	29°56	29°24	26°32	8° 0	21°36	5°45	22°16	18° 9	28°46	6°51	5°33	21°13	n.a.	T 12
W13	1 19 39	20°42'36	12♋ 2	0♎47	27°45	8°46	21°45	5°51	22°17	18° 9	28°48	6°49	5°30	21°19	n.a.	W13
T 14	1 23 35	21°43'51	24°22	2°10	28°57	9°33	21°55	5°57	22°18	18° 8	28°50	6°D49	5°27	21°26	n.a.	T 14
F 15	1 27 32	22°45'05	7♌ 1	3°35	0♐10	10°19	22° 5	6° 3	22°19	18° 7	28°52	6°49	5°23	21°33	n.a.	F 15
S 16	1 31 28	23°46'18	20° 3	5° 1	1°22	11° 6	22°14	6°10	22°20	18° 6	28°54	6°51	5°20	21°39	n.a.	S 16
S 17	1 35 25	24°47'30	3♍31	6°27	2°34	11°53	22°23	6°16	22°20	18° 6	28°56	6°R52	5°17	21°46	n.a.	S 17
M18	1 39 22	25°48'42	17°28	7°54	3°47	12°39	22°33	6°22	22°21	18° 5	28°58	6°51	5°14	21°53	n.a.	M18
T 19	1 43 18	26°49'52	1♎52	9°22	4°59	13°26	22°42	6°29	22°22	18° 4	29° 1	6°49	5°11	22° 0	n.a.	T 19
W20	1 47 15	27°51'02	16°42	10°50	6°11	14°12	22°51	6°35	22°22	18° 3	29° 3	6°44	5° 8	22° 6	n.a.	W20
T 21	1 51 11	28°52'10	1♏48	12°20	7°23	14°59	22°59	6°42	22°23	18° 2	29° 5	6°37	5° 4	22°13	n.a.	T 21
F 22	1 55 8	29°53'17	17° 3	13°50	8°35	15°46	23° 8	6°48	22°23	18° 1	29° 7	6°28	5° 1	22°20	n.a.	F 22
S 23	1 59 4	0♏54'23	2♐13	15°20	9°47	16°32	23°17	6°55	22°23	18° 0	29° 9	6°20	4°58	22°27	n.a.	S 23
S 24	2 3 1	1°55'28	17°11	16°51	10°59	17°19	23°25	7° 1	22°24	17°59	29°11	6°12	4°55	22°33	n.a.	S 24
M25	2 6 58	2°56'31	1♑47	18°23	12°10	18° 6	23°34	7° 8	22°24	17°58	29°13	6° 6	4°52	22°40	n.a.	M25
T 26	2 10 54	3°57'32	15°57	19°55	13°22	18°53	23°42	7°15	22°24	17°57	29°15	6° 2	4°49	22°47	n.a.	T 26
W27	2 14 51	4°58'32	29°41	21°29	14°33	19°39	23°50	7°22	22°24	17°56	29°17	6°D 0	4°45	22°53	n.a.	W27
T 28	2 18 47	5°59'29	12♒59	23° 2	15°45	20°26	23°58	7°29	22°24	17°55	29°18	6° 0	4°42	23° 0	n.a.	T 28
F 29	2 22 44	7° 0'25	25°55	24°37	16°56	21°13	24° 6	7°35	22°R24	17°54	29°20	6° 1	4°39	23° 7	n.a.	F 29
S 30	2 26 41	8♏ 1'20	8♓33	26♎12	18♐ 7	22♎ 0	24♌13	7♐42	22♋24	17♊52	29♍22	6°R 1	4♍36	23♉14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3 s26	14 s38	1n56	7n56	2n21	17 s56	1 s48	0n21	0n10	16n44	1n29	22 s 6	0 s26	23n 2	0n47	24n 3	0n28	8n35	8n41	8n56	9n31	13n29		n.a.
S 2	3 51	11 27	0 48	7 25	2 15	18 20	1 49	0 1	0 9	16 41	1 29	22 8	0 26	23 2	0 47	24 3	0 28	8 34	8 41	8 56	9 32	13 30		n.a.
S 3	4 16	7 47	0 s21	6 53	2 9	18 44	1 51	0 s18	0 8	16 37	1 30	22 9	0 26	23 1	0 47	24 3	0 28	8 33	8 41	8 56	9 33	13 32		n.a.
M 4	4 41	3 49	1 28	6 19	2 3	19 7	1 52	0 38	0 8	16 34	1 30	22 10	0 26	23 1	0 48	24 3	0 28	8 33	8 41	8 56	9 34	13 33		n.a.
T 5	5 5	0n15	2 29	5 44	1 56	19 30	1 53	0 57	0 7	16 31	1 30	22 11	0 27	23 1	0 48	24 3	0 28	8 32	8 41	8 58	9 36	13 35		n.a.
W 6	5 30	4 16	3 24	5 8	1 50	19 52	1 54	1 17	0 6	16 27	1 30	22 12	0 27	23 1	0 48	24 3	0 28	8 31	8 41	8 59	9 37	13 36		n.a.
T 7	5 54	8 4	4 8	4 31	1 43	20 13	1 56	1 36	0 5	16 24	1 30	22 13	0 27	23 1	0 48	24 3	0 28	8 30	8 41	9 2	9 38	13 38		n.a.
F 8	6 18	11 31	4 41	3 53	1 36	20 34	1 57	1 56	0 5	16 21	1 31	22 14	0 27	23 0	0 48	24 3	0 28	8 29	8 41	9 5	9 39	13 39		n.a.
S 9	6 43	14 29	5 2	3 14	1 28	20 54	1 57	2 15	0 4	16 18	1 31	22 15	0 27	23 0	0 48	24 2	0 28	8 28	8 41	9 8	9 40	13 41		n.a.
S 10	7 7	16 51	5 9	2 35	1 21	21 14	1 58	2 35	0 3	16 15	1 31	22 16	0 27	23 0	0 48	24 2	0 28	8 27	8 41	9 11	9 42	13 43		n.a.
M11	7 31	18 30	5 4	1 56	1 14	21 33	1 59	2 54	0 3	16 11	1 31	22 17	0 27	23 0	0 48	24 2	0 28	8 26	8 41	9 13	9 43	13 44		n.a.
T 12	7 55	19 22	4 45	1 16	1 6	21 52	2 0	3 14	0 2	16 8	1 31	22 19	0 27	23 0	0 48	24 2	0 28	8 25	8 41	9 14	9 44	13 46		n.a.
W13	8 18	19 21	4 13	0 35	0 59	22 10	2 0	3 33	0 1	16 5	1 32	22 20	0 27	23 0	0 48	24 2	0 29	8 24	8 41	9 15	9 45	13 47		n.a.
T 14	8 42	18 25	3 29	0 s 6	0 52	22 27	2 1	3 53	0 0	16 2	1 32	22 21	0 27	23 0	0 48	24 2	0 29	8 24	8 41	9 15	9 46	13 49		n.a.
F 15	9 5	16 33	2 34	0 47	0 44	22 44	2 1	4 12	0 s 0	15 59	1 32	22 22	0 27	23 0	0 48	24 2	0 29	8 23	8 41	9 15	9 48	13 50		n.a.
S 16	9 29	13 48	1 30	1 29	0 37	23 0	2 2	4 32	0 1	15 56	1 32	22 23	0 27	23 0	0 48	24 2	0 29	8 22	8 41	9 15	9 49	13 52		n.a.
S 17	9 52	10 13	0 18	2 11	0 30	23 15	2 2	4 51	0 2	15 53	1 32	22 24	0 27	23 0	0 48	24 2	0 29	8 21	8 41	9 14	9 50	13 53		n.a.
M18	10 15	5 57	0n57	2 53	0 23	23 30	2 2	5 10	0 3	15 50	1 33	22 26	0 27	22 59	0 48	24 2	0 29	8 20	8 41	9 14	9 51	13 55		n.a.
T 19	10 37	1 13	2 11	3 35	0 15	23 44	2 2	5 30	0 3	15 48	1 33	22 27	0 27	22 59	0 48	24 2	0 29	8 19	8 41	9 15	9 52	13 57		n.a.
W20	11 0	3 s43	3 17	4 17	0 8	23 57	2 2	5 49	0 4	15 45	1 33	22 28	0 27	22 59	0 48	24 2	0 29	8 19	8 41	9 17	9 54	13 58		n.a.
T 21	11 22	8 31	4 12	4 59	0 1	24 10	2 2	6 8	0 5	15 42	1 33	22 29	0 27	22 59	0 48	24 2	0 29	8 18	8 41	9 20	9 55	14 0		n.a.
F 22	11 45	12 47	4 49	5 41	0 s 6	24 21	2 2	6 27	0 5	15 39	1 34	22 30	0 27	22 59	0 48	24 2	0 29	8 17	8 41	9 23	9 56	14 1		n.a.
S 23	12 7	16 13	5 5	6 24	0 13	24 33	2 2	6 46	0 6	15 37	1 34	22 32	0 28	22 59	0 48	24 2	0 29	8 16	8 41	9 26	9 57	14 3		n.a.
S 24	12 28	18 30	5 0	7 6	0 19	24 43	2 1	7 6	0 7	15 34	1 34	22 33	0 28	22 59	0 48	24 2	0 29	8 15	8 41	9 29	9 58	14 4		n.a.
M25	12 50	19 30	4 36	7 48	0 26	24 53	2 1	7 25	0 8	15 31	1 34	22 34	0 28	22 59	0 49	24 2	0 29	8 15	8 41	9 32	10 0	14 6		n.a.
T 26	13 11	19 14	3 55	8 30	0 32	25 2	2 0	7 43	0 8	15 29	1 35	22 35	0 28	22 59	0 49	24 2	0 29	8 14	8 41	9 33	10 1	14 7		n.a.
W27	13 32	17 50	3 2	9 12	0 39	25 10	2 0	8 2	0 9	15 26	1 35	22 36	0 28	22 59	0 49	24 2	0 29	8 13	8 41	9 34	10 2	14 9		n.a.
T 28	13 53	15 28	2 0	9 53	0 45	25 18	1 59	8 21	0 10	15 24	1 35	22 38	0 28	22 59	0 49	24 1	0 29	8 12	8 41	9 34	10 3	14 10		n.a.
F 29	14 14	12 23	0 54	10 35	0 51	25 24	1 58	8 40	0 11	15 21	1 35	22 39	0 28	22 59	0 49	24 1	0 29	8 12	8 41	9 33	10 4	14 12		n.a.
S 30	14 s34	8 s48	0 s14	11 s16	0 s57	25 s30	1 s57	8 s59	0 s11	15n19	1n36	22 s40	0 s28	23n 0	0n49	24n 1	0n29	8n11	8n41	9n33	10n 6	14n13		n.a.

Julian Day Number = 200826.5, Delta T = 32h10m33s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'07, Lahiri = -61°09'07 Julian Calendar 1 Nov. 4164 BCE == Greg. Calendar 29 Sept. 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4164 BCE
geocentric

DECEMBER 4164 BCE (-4163) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 30 37	9♏ 2'12	20♓57	27♎48	19♐18	22♎47	24♌21	7♐49	22°R24	17°R51	29♍24	6°R 0	4♍33	23♉20	n.a.	S 1
M 2	2 34 34	10° 3'03	3♈ 9	29°24	20°29	23°33	24°28	7°56	22♋24	17♊50	29°26	5♍57	4°29	23°27	n.a.	M 2
T 3	2 38 30	11° 3'52	15°14	1♏ 2	21°40	24°20	24°36	8° 3	22°24	17°49	29°28	5°50	4°26	23°34	n.a.	T 3
W 4	2 42 27	12° 4'39	27°13	2°40	22°51	25° 7	24°43	8°10	22°23	17°48	29°30	5°41	4°23	23°40	n.a.	W 4
T 5	2 46 23	13° 5'24	9♉ 9	4°18	24° 2	25°54	24°50	8°17	22°23	17°46	29°31	5°30	4°20	23°47	n.a.	T 5
F 6	2 50 20	14° 6'08	21° 2	5°58	25°12	26°41	24°57	8°25	22°23	17°45	29°33	5°16	4°17	23°54	n.a.	F 6
S 7	2 54 16	15° 6'51	2♊55	7°38	26°23	27°28	25° 3	8°32	22°22	17°44	29°35	5° 3	4°14	24° 1	n.a.	S 7
S 8	2 58 13	16° 7'31	14°48	9°19	27°33	28°14	25°10	8°39	22°22	17°42	29°37	4°49	4°10	24° 7	n.a.	S 8
M 9	3 2 10	17° 8'10	26°43	11° 1	28°43	29° 1	25°16	8°46	22°21	17°41	29°38	4°38	4° 7	24°14	n.a.	M 9
T 10	3 6 6	18° 8'48	8♋43	12°44	29°53	29°48	25°23	8°53	22°21	17°40	29°40	4°29	4° 4	24°21	n.a.	T 10
W11	3 10 3	19° 9'23	20°50	14°28	1♌ 3	0♏35	25°29	9° 1	22°20	17°38	29°42	4°23	4° 1	24°28	n.a.	W11
T 12	3 13 59	20° 9'58	3♌ 9	16°12	2°13	1°22	25°35	9° 8	22°19	17°37	29°43	4°20	3°58	24°34	n.a.	T 12
F 13	3 17 56	21°10'30	15°43	17°57	3°22	2° 9	25°40	9°15	22°19	17°35	29°45	4°18	3°54	24°41	n.a.	F 13
S 14	3 21 52	22°11'01	28°37	19°44	4°32	2°56	25°46	9°23	22°18	17°34	29°46	4°18	3°51	24°48	n.a.	S 14
S 15	3 25 49	23°11'30	11♍56	21°31	5°41	3°43	25°52	9°30	22°17	17°32	29°48	4°18	3°48	24°54	n.a.	S 15
M16	3 29 46	24°11'58	25°43	23°19	6°50	4°30	25°57	9°38	22°16	17°31	29°50	4°17	3°45	25° 1	n.a.	M16
T 17	3 33 42	25°12'24	9♎59	25° 7	7°59	5°17	26° 2	9°45	22°15	17°29	29°51	4°13	3°42	25° 8	n.a.	T 17
W18	3 37 39	26°12'48	24°42	26°57	9° 8	6° 4	26° 7	9°52	22°14	17°28	29°52	4° 7	3°39	25°15	n.a.	W18
T 19	3 41 35	27°13'10	9♏48	28°47	10°16	6°51	26°12	10° 0	22°13	17°26	29°54	3°57	3°35	25°21	n.a.	T 19
F 20	3 45 32	28°13'31	25° 7	0♐39	11°25	7°38	26°16	10° 7	22°12	17°25	29°55	3°46	3°32	25°28	n.a.	F 20
S 21	3 49 28	29°13'49	10♐28	2°31	12°33	8°24	26°21	10°15	22°11	17°23	29°57	3°35	3°29	25°35	n.a.	S 21
S 22	3 53 25	0♐14'06	25°40	4°23	13°41	9°11	26°25	10°22	22°10	17°22	29°58	3°24	3°26	25°42	n.a.	S 22
M23	3 57 22	1°14'20	10♑31	6°16	14°49	9°58	26°29	10°30	22° 8	17°20	29°59	3°15	3°23	25°48	n.a.	M23
T 24	4 1 18	2°14'32	24°56	8°10	15°57	10°45	26°33	10°37	22° 7	17°19	0♎ 1	3° 9	3°20	25°55	n.a.	T 24
W25	4 5 15	3°14'42	8♒51	10° 4	17° 5	11°32	26°37	10°45	22° 6	17°17	0° 2	3° 6	3°16	26° 2	n.a.	W25
T 26	4 9 11	4°14'49	22°16	11°58	18°12	12°19	26°41	10°53	22° 4	17°15	0° 3	3° 4	3°13	26° 8	n.a.	T 26
F 27	4 13 8	5°14'54	5♓15	13°52	19°19	13° 6	26°44	11° 0	22° 3	17°14	0° 5	3° 4	3°10	26°15	n.a.	F 27
S 28	4 17 4	6°14'56	17°52	15°46	20°26	13°53	26°47	11° 8	22° 1	17°12	0° 6	3° 4	3° 7	26°22	n.a.	S 28
S 29	4 21 1	7°14'55	0♈11	17°40	21°33	14°40	26°50	11°15	22° 0	17°10	0° 7	3° 2	3° 4	26°29	n.a.	S 29
M30	4 24 57	8°14'53	12°18	19°32	22°39	15°27	26°53	11°23	21°58	17° 9	0° 8	2°58	3° 0	26°35	n.a.	M30
T 31	4 28 54	9♐14'47	24♈16	21♐24	23♑45	16♏14	26♌56	11♐31	21♋57	17♊ 7	0♎ 9	2♍52	2♍57	26♉42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	14s54	4s53	1s19	11s57	1s 2	25s36	1s56	9s17	0s12	15n16	1n36	22s41	0s28	23n 0	0n49	24n 1	0n29	8n10	8n42	9n34	10n 7	14n15			n.a.
M 2	15 14	0 50	2 19	12 37	1 8	25 40	1 55	9 36	0 13	15 14	1 36	22 43	0 28	23 0	0 49	24 1	0 29	8 10	8 42	9 35	10 8	14 16			n.a.
T 3	15 34	3n13	3 13	13 17	1 13	25 44	1 53	9 54	0 14	15 12	1 36	22 44	0 28	23 0	0 49	24 1	0 29	8 9	8 42	9 38	10 9	14 18			n.a.
W 4	15 53	7 6	3 57	13 57	1 18	25 47	1 52	10 12	0 14	15 10	1 37	22 45	0 28	23 0	0 49	24 1	0 29	8 8	8 42	9 41	10 10	14 19			n.a.
T 5	16 12	10 41	4 31	14 36	1 22	25 49	1 51	10 31	0 15	15 7	1 37	22 46	0 28	23 0	0 49	24 1	0 29	8 8	8 42	9 45	10 12	14 21			n.a.
F 6	16 31	13 50	4 52	15 15	1 27	25 50	1 49	10 49	0 16	15 5	1 37	22 47	0 28	23 0	0 49	24 1	0 29	8 7	8 42	9 50	10 13	14 22			n.a.
S 7	16 49	16 25	5 1	15 53	1 31	25 51	1 47	11 7	0 17	15 3	1 37	22 49	0 28	23 0	0 49	24 1	0 29	8 7	8 42	9 56	10 14	14 24			n.a.
S 8	17 7	18 18	4 57	16 30	1 35	25 51	1 46	11 25	0 17	15 1	1 38	22 50	0 28	23 0	0 49	24 1	0 29	8 6	8 42	10 0	10 15	14 25			n.a.
M 9	17 25	19 25	4 40	17 7	1 39	25 50	1 44	11 43	0 18	14 59	1 38	22 51	0 29	23 0	0 49	24 0	0 29	8 5	8 42	10 5	10 16	14 27			n.a.
T 10	17 43	19 40	4 10	17 42	1 42	25 48	1 42	12 0	0 19	14 57	1 38	22 52	0 29	23 1	0 49	24 0	0 29	8 5	8 42	10 8	10 17	14 28			n.a.
W11	18 0	19 1	3 29	18 17	1 45	25 46	1 40	12 18	0 20	14 55	1 38	22 54	0 29	23 1	0 49	24 0	0 29	8 4	8 43	10 10	10 19	14 30			n.a.
T 12	18 17	17 27	2 37	18 51	1 47	25 43	1 37	12 36	0 20	14 54	1 39	22 55	0 29	23 1	0 49	24 0	0 29	8 4	8 43	10 12	10 20	14 31			n.a.
F 13	18 33	15 2	1 37	19 25	1 50	25 39	1 35	12 53	0 21	14 52	1 39	22 56	0 29	23 1	0 49	24 0	0 29	8 3	8 43	10 12	10 21	14 33			n.a.
S 14	18 50	11 49	0 30	19 57	1 51	25 34	1 33	13 10	0 22	14 50	1 39	22 57	0 29	23 1	0 49	24 0	0 29	8 3	8 43	10 12	10 22	14 34			n.a.
S 15	19 5	7 54	0n40	20 28	1 53	25 29	1 30	13 27	0 23	14 49	1 40	22 58	0 29	23 1	0 50	24 0	0 29	8 2	8 43	10 12	10 23	14 36			n.a.
M16	19 21	3 26	1 51	20 57	1 54	25 23	1 27	13 44	0 23	14 47	1 40	23 0	0 29	23 2	0 50	24 0	0 29	8 2	8 43	10 13	10 25	14 37			n.a.
T 17	19 36	1s22	2 57	21 26	1 54	25 16	1 25	14 1	0 24	14 45	1 40	23 1	0 29	23 2	0 50	24 0	0 29	8 1	8 43	10 14	10 26	14 39			n.a.
W18	19 51	6 14	3 53	21 53	1 54	25 9	1 22	14 18	0 25	14 44	1 40	23 2	0 29	23 2	0 50	23 59	0 29	8 1	8 44	10 17	10 27	14 40			n.a.
T 19	20 5	10 50	4 34	22 18	1 54	25 1	1 19	14 35	0 25	14 43	1 41	23 3	0 29	23 2	0 50	23 59	0 29	8 0	8 44	10 20	10 28	14 42			n.a.
F 20	20 19	14 47	4 57	22 42	1 53	24 52	1 16	14 51	0 26	14 41	1 41	23 5	0 29	23 3	0 50	23 59	0 29	8 0	8 44	10 24	10 29	14 43			n.a.
S 21	20 33	17 44	4 58	23 4	1 51	24 42	1 13	15 8	0 27	14 40	1 41	23 6	0 29	23 3	0 50	23 59	0 29	7 59	8 44	10 28	10 30	14 45			n.a.
S 22	20 46	19 24	4 38	23 24	1 49	24 32	1 10	15 24	0 28	14 39	1 42	23 7	0 29	23 3	0 50	23 59	0 29	7 59	8 44	10 32	10 32	14 46			n.a.
M23	20 59	19 42	4 0	23 43	1 47	24 21	1 6	15 40	0 28	14 38	1 42	23 8	0 30	23 3	0 50	23 59	0 30	7 58	8 44	10 36	10 33	14 48			n.a.
T 24	21 11	18 41	3 7	23 59	1 43	24 10	1 3	15 56	0 29	14 36	1 42	23 9	0 30	23 4	0 50	23 59	0 30	7 58	8 44	10 38	10 34	14 49			n.a.
W25	21 23	16 33	2 4	24 13	1 39	23 58	0 59	16 11	0 30	14 35	1 43	23 11	0 30	23 4	0 50	23 58	0 30	7 58	8 45	10 39	10 35	14 51			n.a.
T 26	21 35	13 35	0 57	24 25	1 34	23 45	0 55	16 27	0 31	14 34	1 43	23 12	0 30	23 4	0 50	23 58	0 30	7 57	8 45	10 40	10 36	14 52			n.a.
F 27	21 46	10 2	0s12	24 35	1 29	23 32	0 52	16 42	0 31	14 33	1 43	23 13	0 30	23 4	0 50	23 58	0 30	7 57	8 45	10 40	10 38	14 54			n.a.
S 28	21 57	6 7	1 17	24 42	1 23	23 18	0 48	16 57	0 32	14 33	1 43	23 14	0 30	23 5	0 50	23 58	0 30	7 57	8 45	10 40	10 39	14 55			n.a.
S 29	22 8	2 2	2 18	24 47	1 16	23 3	0 44	17 12	0 33	14 32	1 44	23 15	0 30	23 5	0 50	23 58	0 30	7 56	8 45	10 40	10 40	14 57			n.a.
M30	22 18	2n 4	3 11	24 49	1 8	22 48	0 40	17 27	0 33	14 31	1 44	23 16	0 30	23 5	0 50	23 58	0 30	7 56	8 45	10 42	10 41	14 58			n.a.
T 31	22s27	6n 2	3s55	24s49	1s 0	22s33	0s36	17s42	0s34	14n30	1n44	23s18	0s30	23n 6	0n50	23n58	0n30	7n56	8n46	10n44	10n42	15n 0			n.a.

Julian Day Number = 200856.5, Delta T = 32h10m30s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°16'03, Lahiri = -61°09'03 Julian Calendar 1 Dec. 4164 BCE == Greg. Calendar 29 Oct. 4164 BCE

The year -4163 astronomical counting style corresponds to year 4164 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

JANUARY 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 32 50	10♐14'40	6♉10	23♐14	24♏51	17♏ 0	26♌58	11♐38	21°R55	17°R 6	0♎10	2°R42	2♍54	26♉49	n.a.	W 1
T 2	4 36 47	11°14'30	18° 1	25° 2	25°57	17°47	27° 1	11°46	21♋53	17♊ 4	0°11	2♍30	2°51	26°55	n.a.	T 2
F 3	4 40 44	12°14'18	29°53	26°48	27° 2	18°34	27° 3	11°53	21°52	17° 2	0°12	2°16	2°48	27° 2	n.a.	F 3
S 4	4 44 40	13°14'03	11♊47	28°31	28° 7	19°21	27° 5	12° 1	21°50	17° 1	0°13	2° 2	2°45	27° 9	n.a.	S 4
S 5	4 48 37	14°13'47	23°45	0♏11	29°12	20° 8	27° 7	12° 9	21°48	16°59	0°14	1°48	2°41	27°16	n.a.	S 5
M 6	4 52 33	15°13'28	5♋46	1°46	0♒17	20°55	27° 8	12°16	21°46	16°57	0°15	1°36	2°38	27°22	n.a.	M 6
T 7	4 56 30	16°13'07	17°54	3°18	1°21	21°41	27°10	12°24	21°44	16°56	0°16	1°26	2°35	27°29	n.a.	T 7
W 8	5 0 26	17°12'44	0♌ 9	4°45	2°25	22°28	27°11	12°31	21°42	16°54	0°17	1°19	2°32	27°36	n.a.	W 8
T 9	5 4 23	18°12'18	12°34	6° 6	3°29	23°15	27°12	12°39	21°40	16°52	0°18	1°16	2°29	27°43	n.a.	T 9
F 10	5 8 19	19°11'51	25°12	7°21	4°32	24° 2	27°13	12°46	21°38	16°51	0°19	1°14	2°26	27°49	n.a.	F 10
S 11	5 12 16	20°11'22	8♍ 7	8°30	5°35	24°48	27°14	12°54	21°36	16°49	0°19	1°D14	2°22	27°56	n.a.	S 11
S 12	5 16 12	21°10'50	21°22	9°32	6°38	25°35	27°14	13° 2	21°34	16°47	0°20	1°R14	2°19	28° 3	n.a.	S 12
M13	5 20 9	22°10'17	5♎ 0	10°27	7°40	26°22	27°14	13° 9	21°32	16°46	0°21	1°14	2°16	28° 9	n.a.	M13
T 14	5 24 6	23° 9'41	19° 3	11°15	8°43	27° 9	27°R15	13°17	21°30	16°44	0°21	1°11	2°13	28°16	n.a.	T 14
W15	5 28 2	24° 9'04	3♏31	11°55	9°44	27°55	27°14	13°24	21°28	16°42	0°22	1° 6	2°10	28°23	n.a.	W15
T 16	5 31 59	25° 8'24	18°21	12°27	10°45	28°42	27°14	13°32	21°26	16°41	0°23	0°59	2° 6	28°30	n.a.	T 16
F 17	5 35 55	26° 7'43	3♐27	12°51	11°46	29°29	27°14	13°39	21°23	16°39	0°23	0°50	2° 3	28°36	n.a.	F 17
S 18	5 39 52	27° 6'59	18°38	13° 7	12°47	0♑15	27°13	13°47	21°21	16°37	0°24	0°40	2° 0	28°43	n.a.	S 18
S 19	5 43 48	28° 6'13	3♏45	13°15	13°47	1° 2	27°12	13°54	21°19	16°36	0°24	0°31	1°57	28°50	n.a.	S 19
M20	5 47 45	29° 5'25	18°37	13°R15	14°47	1°48	27°11	14° 2	21°17	16°34	0°25	0°23	1°54	28°57	n.a.	M20
T 21	5 51 41	0♏ 4'35	3♒ 7	13° 7	15°46	2°35	27°10	14° 9	21°14	16°33	0°25	0°18	1°51	29° 3	n.a.	T 21
W22	5 55 38	1° 3'42	17° 9	12°52	16°45	3°21	27° 9	14°16	21°12	16°31	0°26	0°15	1°47	29°10	n.a.	W22
T 23	5 59 34	2° 2'46	0♓42	12°31	17°43	4° 8	27° 7	14°24	21°10	16°29	0°26	0°D14	1°44	29°17	n.a.	T 23
F 24	6 3 31	3° 1'48	13°48	12° 2	18°41	4°54	27° 5	14°31	21° 7	16°28	0°26	0°15	1°41	29°23	n.a.	F 24
S 25	6 7 27	4° 0'47	26°30	11°28	19°38	5°41	27° 3	14°39	21° 5	16°26	0°27	0°16	1°38	29°30	n.a.	S 25
S 26	6 11 24	4°59'43	8♈52	10°50	20°35	6°27	27° 1	14°46	21° 2	16°25	0°27	0°R16	1°35	29°37	n.a.	S 26
M27	6 15 21	5°58'37	21° 0	10° 7	21°32	7°14	26°59	14°53	21° 0	16°23	0°27	0°14	1°32	29°44	n.a.	M27
T 28	6 19 17	6°57'29	2♉58	9°21	22°27	8° 0	26°56	15° 0	20°58	16°22	0°27	0°11	1°28	29°50	n.a.	T 28
W29	6 23 14	7°56'18	14°51	8°33	23°22	8°46	26°54	15° 8	20°55	16°20	0°27	0° 5	1°25	29°57	n.a.	W29
T 30	6 27 10	8°55'05	26°42	7°43	24°17	9°33	26°51	15°15	20°53	16°18	0°28	29♌58	1°22	0♊ 4	n.a.	T 30
F 31	6 31 7	9♏53'49	8♊35	6♏54	25♒11	10♑19	26♌48	15♐22	20♋50	16♊17	0♎28	29♌49	1♍19	0♊11	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	22s37	9n44	4s29	24s47	0s51	22s16	0s31	17s57	0s35	14n30	1n45	23s19	0s30	23n 6	0n50	23n57	0n30	7n55	8n46	10n48	10n43	15n 1			n.a.
T 2	22 45	13 2	4 51	24 42	0 41	22 0	0 27	18 11	0 36	14 29	1 45	23 20	0 30	23 6	0 50	23 57	0 30	7 55	8 46	10 52	10 45	15 3			n.a.
F 3	22 54	15 49	5 0	24 34	0 30	21 42	0 23	18 25	0 36	14 29	1 45	23 21	0 30	23 6	0 50	23 57	0 30	7 55	8 46	10 57	10 46	15 4			n.a.
S 4	23 1	17 57	4 56	24 25	0 19	21 25	0 18	18 39	0 37	14 28	1 46	23 22	0 30	23 7	0 50	23 57	0 30	7 55	8 46	11 3	10 47	15 5			n.a.
S 5	23 9	19 19	4 39	24 13	0 6	21 6	0 13	18 53	0 38	14 28	1 46	23 23	0 31	23 7	0 50	23 57	0 30	7 54	8 46	11 8	10 48	15 7			n.a.
M 6	23 16	19 50	4 9	24 0	0n 6	20 48	0 9	19 6	0 38	14 28	1 46	23 24	0 31	23 7	0 50	23 57	0 30	7 54	8 47	11 12	10 49	15 8			n.a.
T 7	23 22	19 26	3 28	23 45	0 20	20 29	0 4	19 19	0 39	14 27	1 46	23 25	0 31	23 8	0 50	23 57	0 30	7 54	8 47	11 16	10 51	15 10			n.a.
W 8	23 28	18 8	2 37	23 28	0 33	20 9	0n 1	19 33	0 40	14 27	1 47	23 27	0 31	23 8	0 50	23 56	0 30	7 54	8 47	11 18	10 52	15 11			n.a.
T 9	23 34	15 57	1 37	23 10	0 48	19 49	0 6	19 46	0 41	14 27	1 47	23 28	0 31	23 9	0 51	23 56	0 30	7 54	8 47	11 20	10 53	15 13			n.a.
F 10	23 39	12 59	0 32	22 52	1 2	19 29	0 11	19 58	0 41	14 27	1 47	23 29	0 31	23 9	0 51	23 56	0 30	7 53	8 47	11 20	10 54	15 14			n.a.
S 11	23 44	9 19	0n37	22 33	1 17	19 8	0 17	20 11	0 42	14 27	1 48	23 30	0 31	23 9	0 51	23 56	0 30	7 53	8 48	11 20	10 55	15 16			n.a.
S 12	23 48	5 7	1 45	22 14	1 32	18 47	0 22	20 23	0 43	14 27	1 48	23 31	0 31	23 10	0 51	23 56	0 30	7 53	8 48	11 20	10 56	15 17			n.a.
M13	23 52	0 32	2 49	21 55	1 47	18 26	0 27	20 35	0 43	14 28	1 48	23 32	0 31	23 10	0 51	23 56	0 30	7 53	8 48	11 20	10 58	15 18			n.a.
T 14	23 56	4s12	3 46	21 36	2 2	18 4	0 33	20 47	0 44	14 28	1 49	23 33	0 31	23 10	0 51	23 55	0 30	7 53	8 48	11 21	10 59	15 20			n.a.
W15	23 59	8 50	4 29	21 18	2 16	17 42	0 38	20 58	0 45	14 28	1 49	23 34	0 31	23 11	0 51	23 55	0 30	7 53	8 48	11 23	11 0	15 21			n.a.
T 16	24 1	13 3	4 56	21 1	2 30	17 19	0 44	21 10	0 45	14 28	1 49	23 35	0 32	23 11	0 51	23 55	0 30	7 53	8 48	11 26	11 1	15 23			n.a.
F 17	24 3	16 29	5 3	20 45	2 44	16 57	0 50	21 21	0 46	14 29	1 49	23 36	0 32	23 12	0 51	23 55	0 30	7 53	8 49	11 29	11 2	15 24			n.a.
S 18	24 5	18 49	4 49	20 31	2 57	16 34	0 55	21 32	0 47	14 29	1 50	23 37	0 32	23 12	0 51	23 55	0 30	7 53	8 49	11 33	11 3	15 26			n.a.
S 19	24 6	19 49	4 14	20 18	3 9	16 11	1 1	21 43	0 47	14 30	1 50	23 38	0 32	23 12	0 51	23 55	0 30	7 53	8 49	11 36	11 5	15 27			n.a.
M20	24 6	19 26	3 23	20 7	3 20	15 47	1 7	21 53	0 48	14 31	1 50	23 39	0 32	23 13	0 51	23 55	0 30	7 53	8 49	11 39	11 6	15 28			n.a.
T 21	24 7	17 45	2 20	19 57	3 30	15 24	1 13	22 3	0 49	14 31	1 51	23 40	0 32	23 13	0 51	23 54	0 30	7 53	8 49	11 41	11 7	15 30			n.a.
W22	24 6	15 2	1 9	19 50	3 39	15 0	1 19	22 13	0 49	14 32	1 51	23 41	0 32	23 13	0 51	23 54	0 30	7 53	8 50	11 42	11 8	15 31			n.a.
T 23	24 6	11 34	0s 3	19 45	3 46	14 36	1 26	22 23	0 50	14 33	1 51	23 42	0 32	23 14	0 51	23 54	0 30	7 53	8 50	11 42	11 9	15 33			n.a.
F 24	24 4	7 39	1 12	19 42	3 52	14 12	1 32	22 32	0 51	14 34	1 52	23 43	0 32	23 14	0 51	23 54	0 30	7 53	8 50	11 42	11 10	15 34			n.a.
S 25	24 3	3 30	2 16	19 40	3 56	13 47	1 38	22 42	0 51	14 35	1 52	23 44	0 32	23 15	0 51	23 54	0 30	7 53	8 50	11 42	11 12	15 36			n.a.
S 26	24 1	0n41	3 12	19 41	3 59	13 23	1 45	22 51	0 52	14 36	1 52	23 45	0 33	23 15	0 51	23 54	0 30	7 53	8 50	11 42	11 13	15 37			n.a.
M27	23 58	4 46	3 58	19 44	4 0	12 59	1 51	22 59	0 52	14 37	1 52	23 46	0 33	23 15	0 51	23 53	0 30	7 53	8 51	11 42	11 14	15 38			n.a.
T 28	23 55	8 35	4 33	19 48	3 58	12 34	1 58	23 8	0 53	14 38	1 53	23 47	0 33	23 16	0 51	23 53	0 30	7 53	8 51	11 43	11 15	15 40			n.a.
W29	23 52	12 2	4 56	19 55	3 56	12 9	2 4	23 16	0 54	14 39	1 53	23 48	0 33	23 16	0 51	23 53	0 30	7 53	8 51	11 45	11 16	15 41			n.a.
T 30	23 48	15 1	5 6	20 2	3 51	11 45	2 11	23 24	0 54	14 40	1 53	23 49	0 33	23 17	0 51	23 53	0 30	7 53	8 51	11 48	11 17	15 43			n.a.
F 31	23s44	17n22	5s 3	20s11	3n44	11s20	2n18	23s32	0s55	14n42	1n53	23s50	0s33	23n17	0n51	23n53	0n30	7n53	8n51	11n51	11n19	15n44			n.a.

Julian Day Number = 200887.5, Delta T = 32h10m27s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'59, Lahiri = -61°08'59 Julian Calendar 1 Jan. 4163 BCE == Greg. Calendar 29 Nov. 4164 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

FEBRUARY 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 35 3	10♉52'31	20♊32	6°R 5	26♒ 4	11♐ 5	26°R45	15♐29	20°R48	16°R16	0♎28	29°R39	1♍16	0♊17	n.a.	S 1
S 2	6 39 0	11°51'11	2♋36	5♉18	26°57	11°51	26♌41	15°36	20♋45	16♊14	0°28	29♌30	1°12	0°24	n.a.	S 2
M 3	6 42 56	12°49'48	14°47	4°34	27°49	12°37	26°38	15°43	20°43	16°13	0°R28	29°22	1° 9	0°31	n.a.	M 3
T 4	6 46 53	13°48'23	27° 6	3°52	28°40	13°24	26°34	15°50	20°40	16°11	0°28	29°16	1° 6	0°37	n.a.	T 4
W 5	6 50 49	14°46'56	9♌36	3°15	29°31	14°10	26°30	15°57	20°38	16°10	0°28	29°12	1° 3	0°44	n.a.	W 5
T 6	6 54 46	15°45'27	22°16	2°41	0♓20	14°56	26°26	16° 4	20°35	16° 8	0°28	29°10	1° 0	0°51	n.a.	T 6
F 7	6 58 42	16°43'56	5♍ 8	2°12	1° 9	15°42	26°22	16°11	20°32	16° 7	0°28	29°D10	0°57	0°58	n.a.	F 7
S 8	7 2 39	17°42'23	18°14	1°49	1°57	16°28	26°17	16°18	20°30	16° 6	0°27	29°11	0°53	1° 4	n.a.	S 8
S 9	7 6 35	18°40'48	1♎35	1°30	2°45	17°14	26°13	16°25	20°27	16° 4	0°27	29°13	0°50	1°11	n.a.	S 9
M10	7 10 32	19°39'12	15°14	1°17	3°31	18° 0	26° 8	16°32	20°25	16° 3	0°27	29°R14	0°47	1°18	n.a.	M10
T 11	7 14 28	20°37'33	29°11	1° 8	4°17	18°46	26° 3	16°39	20°22	16° 2	0°27	29°13	0°44	1°25	n.a.	T 11
W12	7 18 25	21°35'53	13♏26	1°D 6	5° 1	19°31	25°58	16°45	20°20	16° 0	0°27	29°12	0°41	1°31	n.a.	W12
T 13	7 22 22	22°34'11	27°57	1° 8	5°45	20°17	25°53	16°52	20°17	15°59	0°26	29° 8	0°38	1°38	n.a.	T 13
F 14	7 26 18	23°32'27	12♐40	1°15	6°27	21° 3	25°48	16°59	20°15	15°58	0°26	29° 4	0°34	1°45	n.a.	F 14
S 15	7 30 15	24°30'42	27°28	1°28	7° 9	21°49	25°42	17° 5	20°12	15°57	0°26	28°59	0°31	1°51	n.a.	S 15
S 16	7 34 11	25°28'55	12♑14	1°45	7°50	22°35	25°37	17°12	20° 9	15°55	0°25	28°54	0°28	1°58	n.a.	S 16
M17	7 38 8	26°27'05	26°50	2° 7	8°29	23°20	25°31	17°18	20° 7	15°54	0°25	28°50	0°25	2° 5	n.a.	M17
T 18	7 42 4	27°25'14	11♒10	2°33	9° 7	24° 6	25°25	17°25	20° 4	15°53	0°24	28°47	0°22	2°12	n.a.	T 18
W19	7 46 1	28°23'21	25° 7	3° 4	9°44	24°51	25°19	17°31	20° 2	15°52	0°24	28°D46	0°18	2°18	n.a.	W19
T 20	7 49 57	29°21'25	8♓40	3°38	10°20	25°37	25°13	17°38	19°59	15°51	0°23	28°46	0°15	2°25	n.a.	T 20
F 21	7 53 54	0♒19'27	21°49	4°17	10°54	26°23	25° 7	17°44	19°57	15°50	0°23	28°47	0°12	2°32	n.a.	F 21
S 22	7 57 50	1°17'28	4♈35	4°59	11°27	27° 8	25° 1	17°50	19°54	15°49	0°22	28°49	0° 9	2°39	n.a.	S 22
S 23	8 1 47	2°15'26	17° 2	5°45	11°59	27°53	24°54	17°56	19°52	15°48	0°21	28°51	0° 6	2°45	n.a.	S 23
M24	8 5 43	3°13'22	29°13	6°35	12°29	28°39	24°48	18° 3	19°49	15°46	0°21	28°R51	0° 3	2°52	n.a.	M24
T 25	8 9 40	4°11'16	11♉13	7°27	12°58	29°24	24°41	18° 9	19°47	15°46	0°20	28°51	29♌59	2°59	n.a.	T 25
W26	8 13 36	5° 9'07	23° 7	8°23	13°25	0♑ 9	24°35	18°15	19°44	15°45	0°19	28°50	29°56	3° 5	n.a.	W26
T 27	8 17 33	6° 6'57	5♊ 0	9°22	13°50	0°55	24°28	18°21	19°42	15°44	0°19	28°48	29°53	3°12	n.a.	T 27
F 28	8 21 30	7♒ 4'45	16♊55	10♑24	14♓14	1♑40	24♌21	18♐27	19♋40	15♊43	0♎18	28♌45	29♌50	3♊19	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s39	19n 0	4s47	20s22	3n37	10s55	2n24	23s39	0s56	14n43	1n54	23s51	0s33	23n18	0n51	23n53	0n30	7n54	8n52	11n55	11n20	15n45		n.a.
S 2	23 34	19 48	4 17	20 33	3 27	10 31	2 31	23 46	0 56	14 45	1 54	23 52	0 33	23 18	0 51	23 53	0 30	7 54	8 52	11 58	11 21	15 47		n.a.
M 3	23 28	19 41	3 36	20 45	3 17	10 6	2 38	23 53	0 57	14 46	1 54	23 52	0 33	23 18	0 51	23 52	0 30	7 54	8 52	12 1	11 22	15 48		n.a.
T 4	23 22	18 38	2 44	20 58	3 5	9 42	2 45	24 0	0 57	14 48	1 54	23 53	0 33	23 19	0 51	23 52	0 30	7 54	8 52	12 3	11 23	15 50		n.a.
W 5	23 16	16 41	1 44	21 12	2 52	9 17	2 52	24 6	0 58	14 49	1 55	23 54	0 34	23 19	0 51	23 52	0 30	7 54	8 52	12 4	11 24	15 51		n.a.
T 6	23 9	13 54	0 37	21 26	2 39	8 53	2 59	24 12	0 59	14 51	1 55	23 55	0 34	23 20	0 51	23 52	0 30	7 54	8 53	12 5	11 25	15 52		n.a.
F 7	23 2	10 23	0n32	21 41	2 25	8 29	3 6	24 18	0 59	14 53	1 55	23 56	0 34	23 20	0 51	23 52	0 30	7 55	8 53	12 5	11 27	15 54		n.a.
S 8	22 54	6 20	1 42	21 55	2 11	8 5	3 13	24 23	1 0	14 54	1 55	23 57	0 34	23 20	0 51	23 52	0 30	7 55	8 53	12 5	11 28	15 55		n.a.
S 9	22 46	1 53	2 47	22 10	1 56	7 41	3 20	24 29	1 0	14 56	1 56	23 58	0 34	23 21	0 51	23 52	0 30	7 55	8 53	12 4	11 29	15 56		n.a.
M10	22 37	2s44	3 44	22 25	1 41	7 17	3 27	24 34	1 1	14 58	1 56	23 58	0 34	23 21	0 51	23 51	0 30	7 55	8 53	12 4	11 30	15 58		n.a.
T 11	22 29	7 18	4 29	22 40	1 26	6 54	3 34	24 38	1 1	15 0	1 56	23 59	0 34	23 22	0 51	23 51	0 30	7 56	8 53	12 4	11 31	15 59		n.a.
W12	22 19	11 34	4 59	22 55	1 12	6 31	3 41	24 43	1 2	15 2	1 56	24 0	0 34	23 22	0 51	23 51	0 30	7 56	8 54	12 5	11 32	16 1		n.a.
T 13	22 10	15 13	5 11	23 9	0 57	6 8	3 49	24 47	1 3	15 4	1 56	24 1	0 35	23 22	0 51	23 51	0 30	7 56	8 54	12 6	11 34	16 2		n.a.
F 14	22 0	17 57	5 2	23 24	0 43	5 45	3 56	24 51	1 3	15 6	1 57	24 2	0 35	23 23	0 51	23 51	0 30	7 57	8 54	12 7	11 35	16 3		n.a.
S 15	21 49	19 32	4 34	23 38	0 29	5 23	4 3	24 55	1 4	15 8	1 57	24 2	0 35	23 23	0 51	23 51	0 30	7 57	8 54	12 9	11 36	16 5		n.a.
S 16	21 38	19 46	3 47	23 51	0 15	5 1	4 10	24 58	1 4	15 10	1 57	24 3	0 35	23 24	0 51	23 51	0 30	7 57	8 54	12 11	11 37	16 6		n.a.
M17	21 27	18 40	2 46	24 4	0 2	4 39	4 17	25 1	1 5	15 12	1 57	24 4	0 35	23 24	0 51	23 50	0 30	7 57	8 55	12 12	11 38	16 7		n.a.
T 18	21 16	16 24	1 35	24 16	0s11	4 18	4 25	25 4	1 5	15 14	1 57	24 5	0 35	23 24	0 51	23 50	0 30	7 58	8 55	12 13	11 39	16 9		n.a.
W19	21 4	13 12	0 20	24 28	0 23	3 57	4 32	25 6	1 6	15 17	1 58	24 6	0 35	23 25	0 51	23 50	0 30	7 58	8 55	12 14	11 40	16 10		n.a.
T 20	20 51	9 23	0s54	24 38	0 35	3 37	4 39	25 8	1 6	15 19	1 58	24 6	0 35	23 25	0 51	23 50	0 30	7 59	8 55	12 14	11 42	16 11		n.a.
F 21	20 39	5 12	2 3	24 48	0 46	3 17	4 46	25 10	1 7	15 21	1 58	24 7	0 35	23 26	0 51	23 50	0 30	7 59	8 55	12 13	11 43	16 13		n.a.
S 22	20 26	0 56	3 4	24 57	0 57	2 58	4 53	25 12	1 7	15 24	1 58	24 8	0 36	23 26	0 51	23 50	0 30	7 59	8 55	12 13	11 44	16 14		n.a.
S 23	20 12	3n17	3 54	25 6	1 7	2 39	5 0	25 13	1 8	15 26	1 58	24 8	0 36	23 26	0 51	23 50	0 30	8 0	8 55	12 12	11 45	16 15		n.a.
M24	19 59	7 15	4 33	25 13	1 16	2 21	5 7	25 15	1 8	15 28	1 58	24 9	0 36	23 27	0 51	23 50	0 30	8 0	8 56	12 12	11 46	16 17		n.a.
T 25	19 45	10 53	5 0	25 19	1 25	2 4	5 14	25 15	1 9	15 31	1 58	24 10	0 36	23 27	0 51	23 50	0 30	8 0	8 56	12 12	11 47	16 18		n.a.
W26	19 31	14 2	5 13	25 23	1 33	1 47	5 20	25 16	1 9	15 33	1 59	24 10	0 36	23 27	0 51	23 49	0 30	8 1	8 56	12 12	11 49	16 20		n.a.
T 27	19 16	16 37	5 12	25 27	1 41	1 31	5 27	25 16	1 10	15 36	1 59	24 11	0 36	23 28	0 51	23 49	0 30	8 1	8 56	12 13	11 50	16 21		n.a.
F 28	19s 1	18n30	4s59	25s29	1s48	1s16	5n34	25s16	1s10	15n38	1n59	24s12	0s36	23n28	0n51	23n49	0n30	8n 2	8n56	12n14	11n51	16n22		n.a.

Julian Day Number = 200918.5, Delta T = 32h10m23s
Ecliptic obliquity = 24°06'42, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'55, Lahiri = -61°08'55 Julian Calendar 1 Feb. 4163 BCE == Greg. Calendar 30 Dec. 4164 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

MARCH 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 26	8♒ 2'31	28♊56	11♉28	14♓36	2♉25	24°R14	18♐32	19°R37	15°R42	0°R17	28°R42	29♌47	3♊26	n.a.	S 1
S 2	8 29 23	9° 0'15	11♋ 6	12°36	14°56	3°10	24♌ 7	18°38	19♋35	15♊41	0♎16	28♌38	29°43	3°32	n.a.	S 2
M 3	8 33 19	9°57'57	23°27	13°46	15°14	3°55	24° 0	18°44	19°32	15°40	0°16	28°36	29°40	3°39	n.a.	M 3
T 4	8 37 16	10°55'38	6♌ 0	14°58	15°30	4°40	23°53	18°50	19°30	15°39	0°15	28°34	29°37	3°46	n.a.	T 4
W 5	8 41 12	11°53'17	18°47	16°13	15°45	5°25	23°45	18°55	19°28	15°39	0°14	28°33	29°34	3°53	n.a.	W 5
T 6	8 45 9	12°50'54	1♍48	17°31	15°57	6°10	23°38	19° 1	19°25	15°38	0°13	28°D33	29°31	3°59	n.a.	T 6
F 7	8 49 5	13°48'30	15° 2	18°50	16° 7	6°55	23°31	19° 6	19°23	15°37	0°12	28°33	29°28	4° 6	n.a.	F 7
S 8	8 53 2	14°46'04	28°29	20°12	16°15	7°39	23°23	19°12	19°21	15°36	0°11	28°34	29°24	4°13	n.a.	S 8
S 9	8 56 58	15°43'37	12♎ 8	21°37	16°20	8°24	23°16	19°17	19°19	15°36	0°10	28°35	29°21	4°19	n.a.	S 9
M10	9 0 55	16°41'08	25°59	23° 3	16°24	9° 9	23° 8	19°22	19°17	15°35	0° 9	28°36	29°18	4°26	n.a.	M10
T 11	9 4 51	17°38'39	10♏ 1	24°32	16°R25	9°53	23° 1	19°27	19°14	15°35	0° 8	28°36	29°15	4°33	n.a.	T 11
W12	9 8 48	18°36'08	24°12	26° 3	16°24	10°38	22°53	19°33	19°12	15°34	0° 7	28°R36	29°12	4°40	n.a.	W12
T 13	9 12 45	19°33'37	8♐30	27°37	16°20	11°22	22°45	19°38	19°10	15°33	0° 6	28°36	29° 9	4°46	n.a.	T 13
F 14	9 16 41	20°31'04	22°52	29°12	16°14	12° 7	22°38	19°43	19° 8	15°33	0° 5	28°35	29° 5	4°53	n.a.	F 14
S 15	9 20 38	21°28'30	7♑14	0♒49	16° 6	12°51	22°30	19°48	19° 6	15°32	0° 4	28°35	29° 2	5° 0	n.a.	S 15
S 16	9 24 34	22°25'56	21°33	2°29	15°55	13°36	22°23	19°52	19° 4	15°32	0° 2	28°34	28°59	5° 6	n.a.	S 16
M17	9 28 31	23°23'20	5♒42	4°11	15°42	14°20	22°15	19°57	19° 2	15°32	0° 1	28°33	28°56	5°13	n.a.	M17
T 18	9 32 27	24°20'42	19°39	5°55	15°26	15° 4	22° 7	20° 2	19° 0	15°31	0° 0	28°33	28°53	5°20	n.a.	T 18
W19	9 36 24	25°18'04	3♓20	7°41	15° 8	15°49	22° 0	20° 6	18°58	15°31	29♍59	28°D33	28°49	5°27	n.a.	W19
T 20	9 40 20	26°15'24	16°43	9°29	14°48	16°33	21°52	20°11	18°56	15°31	29°58	28°33	28°46	5°33	n.a.	T 20
F 21	9 44 17	27°12'43	29°46	11°19	14°26	17°17	21°44	20°15	18°55	15°30	29°56	28°33	28°43	5°40	n.a.	F 21
S 22	9 48 13	28°10'00	12♈30	13°12	14° 1	18° 1	21°37	20°20	18°53	15°30	29°55	28°R33	28°40	5°47	n.a.	S 22
S 23	9 52 10	29° 7'17	24°56	15° 6	13°34	18°45	21°29	20°24	18°51	15°30	29°54	28°33	28°37	5°54	n.a.	S 23
M24	9 56 7	0♓ 4'32	7♉ 9	17° 3	13° 6	19°29	21°22	20°28	18°49	15°30	29°53	28°33	28°34	6° 0	n.a.	M24
T 25	10 0 3	1° 1'46	19°11	19° 1	12°35	20°12	21°14	20°32	18°48	15°29	29°51	28°33	28°30	6° 7	n.a.	T 25
W26	10 4 0	1°58'58	1♊ 6	21° 1	12° 3	20°56	21° 7	20°37	18°46	15°29	29°50	28°D33	28°27	6°14	n.a.	W26
T 27	10 7 56	2°56'09	13° 0	23° 4	11°29	21°40	21° 0	20°40	18°44	15°29	29°49	28°33	28°24	6°20	n.a.	T 27
F 28	10 11 53	3°53'20	24°56	25° 8	10°54	22°24	20°52	20°44	18°43	15°29	29°47	28°33	28°21	6°27	n.a.	F 28
S 29	10 15 49	4°50'29	6♋59	27°13	10°19	23° 7	20°45	20°48	18°41	15°29	29°46	28°34	28°18	6°34	n.a.	S 29
S 30	10 19 46	5°47'36	19°13	29°20	9°42	23°51	20°38	20°52	18°40	15°D29	29°44	28°35	28°15	6°41	n.a.	S 30
M31	10 23 42	6♓44'43	1♌41	1♓28	9♓ 4	24♉34	20♌31	20♐56	18♋38	15♊29	29♍43	28♌35	28♌11	6♊47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s46	19n35	4s32	25s30	1s55	1s 1	5n40	25s16	1s11	15n41	1n59	24s12	0s37	23n28	0n51	23n49	0n30	8n 2	8n56	12n15	11n52	16n24		n.a.
S 2	18 30	19 46	3 52	25 30	2 1	0 48	5 46	25 15	1 11	15 43	1 59	24 13	0 37	23 29	0 51	23 49	0 30	8 3	8 57	12 16	11 53	16 25		n.a.
M 3	18 15	19 2	3 2	25 28	2 6	0 35	5 53	25 15	1 12	15 46	1 59	24 14	0 37	23 29	0 51	23 49	0 30	8 3	8 57	12 17	11 54	16 26		n.a.
T 4	17 59	17 21	2 1	25 24	2 11	0 23	5 59	25 14	1 12	15 48	1 59	24 14	0 37	23 29	0 51	23 49	0 30	8 4	8 57	12 18	11 55	16 27		n.a.
W 5	17 42	14 46	0 54	25 19	2 15	0 12	6 4	25 12	1 12	15 51	1 59	24 15	0 37	23 30	0 51	23 49	0 30	8 4	8 57	12 19	11 57	16 29		n.a.
T 6	17 26	11 25	0n18	25 13	2 18	0 2	6 10	25 11	1 13	15 53	1 59	24 16	0 37	23 30	0 51	23 49	0 30	8 5	8 57	12 19	11 58	16 30		n.a.
F 7	17 9	7 26	1 30	25 4	2 21	0n 7	6 15	25 9	1 13	15 56	1 59	24 16	0 37	23 30	0 51	23 49	0 30	8 5	8 57	12 18	11 59	16 31		n.a.
S 8	16 51	3 2	2 38	24 54	2 23	0 14	6 20	25 7	1 14	15 58	1 59	24 17	0 37	23 31	0 51	23 49	0 30	8 6	8 57	12 18	12 0	16 33		n.a.
S 9	16 34	1s35	3 38	24 42	2 25	0 21	6 25	25 4	1 14	16 1	1 59	24 17	0 38	23 31	0 51	23 48	0 30	8 6	8 57	12 18	12 1	16 34		n.a.
M10	16 16	6 11	4 27	24 29	2 26	0 27	6 30	25 2	1 15	16 3	1 59	24 18	0 38	23 31	0 51	23 48	0 30	8 7	8 57	12 17	12 2	16 35		n.a.
T 11	15 58	10 30	5 0	24 13	2 26	0 31	6 34	24 59	1 15	16 6	1 59	24 19	0 38	23 32	0 51	23 48	0 30	8 7	8 58	12 17	12 3	16 37		n.a.
W12	15 40	14 15	5 16	23 55	2 26	0 34	6 37	24 55	1 15	16 9	1 59	24 19	0 38	23 32	0 51	23 48	0 30	8 8	8 58	12 17	12 5	16 38		n.a.
T 13	15 22	17 12	5 12	23 36	2 26	0 35	6 41	24 52	1 16	16 11	1 59	24 20	0 38	23 32	0 51	23 48	0 30	8 8	8 58	12 17	12 6	16 39		n.a.
F 14	15 3	19 6	4 49	23 14	2 24	0 36	6 44	24 48	1 16	16 14	1 59	24 20	0 38	23 33	0 51	23 48	0 30	8 9	8 58	12 18	12 7	16 41		n.a.
S 15	14 44	19 47	4 8	22 51	2 22	0 35	6 46	24 44	1 17	16 16	1 59	24 21	0 38	23 33	0 51	23 48	0 30	8 9	8 58	12 18	12 8	16 42		n.a.
S 16	14 25	19 11	3 11	22 25	2 20	0 32	6 48	24 40	1 17	16 19	1 59	24 21	0 39	23 33	0 51	23 48	0 30	8 10	8 58	12 18	12 9	16 43		n.a.
M17	14 6	17 23	2 3	21 58	2 17	0 28	6 50	24 36	1 17	16 21	1 59	24 22	0 39	23 33	0 51	23 48	0 30	8 10	8 58	12 18	12 10	16 45		n.a.
T 18	13 46	14 34	0 49	21 28	2 13	0 23	6 51	24 31	1 18	16 24	1 59	24 22	0 39	23 34	0 51	23 48	0 30	8 11	8 58	12 18	12 11	16 46		n.a.
W19	13 27	10 58	0s27	20 56	2 9	0 16	6 51	24 26	1 18	16 26	1 59	24 23	0 39	23 34	0 51	23 48	0 30	8 11	8 58	12 18	12 13	16 47		n.a.
T 20	13 7	6 54	1 39	20 22	2 4	0 8	6 51	24 21	1 18	16 29	1 59	24 23	0 39	23 34	0 51	23 48	0 30	8 12	8 58	12 18	12 14	16 48		n.a.
F 21	12 47	2 36	2 45	19 45	1 58	0s 1	6 50	24 16	1 19	16 31	1 59	24 24	0 39	23 34	0 51	23 48	0 30	8 13	8 58	12 18	12 15	16 50		n.a.
S 22	12 27	1n42	3 40	19 7	1 52	0 12	6 48	24 10	1 19	16 34	1 59	24 24	0 39	23 35	0 51	23 48	0 30	8 13	8 59	12 18	12 16	16 51		n.a.
S 23	12 6	5 50	4 24	18 26	1 46	0 25	6 46	24 4	1 19	16 36	1 59	24 25	0 40	23 35	0 51	23 48	0 30	8 14	8 59	12 18	12 17	16 52		n.a.
M24	11 45	9 38	4 55	17 43	1 38	0 39	6 43	23 58	1 20	16 39	1 59	24 25	0 40	23 35	0 51	23 48	0 30	8 14	8 59	12 18	12 18	16 54		n.a.
T 25	11 25	13 0	5 13	16 58	1 31	0 54	6 39	23 52	1 20	16 41	1 59	24 26	0 40	23 35	0 51	23 48	0 30	8 15	8 59	12 18	12 19	16 55		n.a.
W26	11 4	15 48	5 17	16 11	1 23	1 11	6 35	23 45	1 20	16 43	1 58	24 26	0 40	23 35	0 51	23 48	0 30	8 15	8 59	12 18	12 20	16 56		n.a.
T 27	10 43	17 55	5 7	15 22	1 14	1 28	6 29	23 38	1 21	16 46	1 58	24 27	0 40	23 36	0 51	23 48	0 30	8 16	8 59	12 18	12 22	16 57		n.a.
F 28	10 21	19 17	4 44	14 32	1 5	1 47	6 23	23 31	1 21	16 48	1 58	24 27	0 40	23 36	0 51	23 48	0 30	8 17	8 59	12 18	12 23	16 59		n.a.
S 29	10 0	19 47	4 9	13 39	0 56	2 7	6 17	23 24	1 21	16 50	1 58	24 27	0 41	23 36	0 51	23 48	0 30	8 17	8 59	12 18	12 24	17 0		n.a.
S 30	9 39	19 22	3 21	12 45	0 46	2 28	6 9	23 17	1 21	16 52	1 58	24 28	0 41	23 36	0 51	23 48	0 30	8 18	8 59	12 18	12 25	17 1		n.a.
M31	9s17	18n 1	2s24	11s49	0s36	2s50	6n 1	23s 9	1s22	16n55	1n58	24s28	0s41	23n36	0n50	23n48	0n30	8n18	8n59	12n18	12n26	17n 2		n.a.

Julian Day Number = 200946.5, Delta T = 32h10m20s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'51, Lahiri = -61°08'51 Julian Calendar 1 March 4163 BCE == Greg. Calendar 27 Jan. 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

APRIL 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 27 39	7♓41'49	14♌26	3♓38	8°R26	25♉18	20°R24	20♐59	18°R37	15♊29	29°R42	28♌36	28♌ 8	6♊54	n.a.	T 1
W 2	10 31 36	8°38'54	27°29	5°48	7♓48	26° 1	20♌17	21° 3	18♋36	15°29	29♍40	28°R36	28° 5	7° 1	n.a.	W 2
T 3	10 35 32	9°35'58	10♍51	7°59	7°10	26°44	20°10	21° 6	18°34	15°29	29°39	28°36	28° 2	7° 8	n.a.	T 3
F 4	10 39 29	10°33'01	24°30	10°10	6°33	27°27	20° 3	21° 9	18°33	15°30	29°37	28°35	27°59	7°14	n.a.	F 4
S 5	10 43 25	11°30'04	8♎23	12°21	5°56	28°11	19°57	21°12	18°32	15°30	29°36	28°34	27°55	7°21	n.a.	S 5
S 6	10 47 22	12°27'06	22°29	14°33	5°20	28°54	19°50	21°15	18°31	15°30	29°34	28°32	27°52	7°28	n.a.	S 6
M 7	10 51 18	13°24'08	6♏42	16°43	4°45	29°37	19°44	21°18	18°29	15°30	29°33	28°31	27°49	7°34	n.a.	M 7
T 8	10 55 15	14°21'09	20°59	18°53	4°11	0♒20	19°37	21°21	18°28	15°30	29°31	28°29	27°46	7°41	n.a.	T 8
W 9	10 59 12	15°18'11	5♐17	21° 3	3°38	1° 3	19°31	21°24	18°27	15°31	29°30	28°28	27°43	7°48	n.a.	W 9
T 10	11 3 8	16°15'12	19°32	23°11	3° 8	1°45	19°25	21°27	18°26	15°31	29°28	28°D28	27°40	7°55	n.a.	T 10
F 11	11 7 5	17°12'13	3♑41	25°17	2°39	2°28	19°19	21°29	18°25	15°32	29°27	28°29	27°36	8° 1	n.a.	F 11
S 12	11 11 1	18° 9'14	17°43	27°22	2°12	3°11	19°13	21°32	18°25	15°32	29°25	28°30	27°33	8° 8	n.a.	S 12
S 13	11 14 58	19° 6'15	1♒36	29°26	1°47	3°53	19° 7	21°34	18°24	15°32	29°24	28°31	27°30	8°15	n.a.	S 13
M14	11 18 54	20° 3'15	15°19	1♈27	1°24	4°36	19° 2	21°37	18°23	15°33	29°22	28°32	27°27	8°21	n.a.	M14
T 15	11 22 51	21° 0'16	28°50	3°27	1° 3	5°19	18°56	21°39	18°22	15°33	29°21	28°R33	27°24	8°28	n.a.	T 15
W16	11 26 48	21°57'16	12♓ 8	5°25	0°45	6° 1	18°51	21°41	18°22	15°34	29°19	28°32	27°20	8°35	n.a.	W16
T 17	11 30 44	22°54'16	25°12	7°20	0°29	6°43	18°45	21°43	18°21	15°35	29°17	28°30	27°17	8°42	n.a.	T 17
F 18	11 34 41	23°51'15	8♈ 2	9°14	0°15	7°26	18°40	21°45	18°20	15°35	29°16	28°27	27°14	8°48	n.a.	F 18
S 19	11 38 37	24°48'15	20°37	11° 5	0° 4	8° 8	18°35	21°47	18°20	15°36	29°14	28°23	27°11	8°55	n.a.	S 19
S 20	11 42 34	25°45'14	2♉59	12°54	29♒55	8°50	18°31	21°49	18°19	15°36	29°13	28°19	27° 8	9° 2	n.a.	S 20
M21	11 46 30	26°42'13	15° 9	14°41	29°48	9°32	18°26	21°50	18°19	15°37	29°11	28°15	27° 5	9° 9	n.a.	M21
T 22	11 50 27	27°39'12	27° 9	16°25	29°44	10°14	18°21	21°52	18°18	15°38	29°10	28°11	27° 1	9°15	n.a.	T 22
W23	11 54 23	28°36'10	9♊ 4	18° 8	29°D42	10°56	18°17	21°53	18°18	15°39	29° 8	28° 8	26°58	9°22	n.a.	W23
T 24	11 58 20	29°33'08	20°56	19°48	29°43	11°38	18°13	21°55	18°18	15°39	29° 6	28° 6	26°55	9°29	n.a.	T 24
F 25	12 2 17	0♈30'07	2♋51	21°26	29°45	12°20	18° 9	21°56	18°18	15°40	29° 5	28°D 6	26°52	9°35	n.a.	F 25
S 26	12 6 13	1°27'04	14°54	23° 1	29°50	13° 1	18° 5	21°57	18°17	15°41	29° 3	28° 7	26°49	9°42	n.a.	S 26
S 27	12 10 10	2°24'02	27° 8	24°35	29°58	13°43	18° 1	21°58	18°17	15°42	29° 2	28° 8	26°46	9°49	n.a.	S 27
M28	12 14 6	3°21'00	9♌38	26° 6	0♓ 7	14°25	17°58	21°59	18°17	15°43	29° 0	28°10	26°42	9°56	n.a.	M28
T 29	12 18 3	4°17'57	22°29	27°34	0°18	15° 6	17°54	22° 0	18°D17	15°44	28°58	28°R11	26°39	10° 2	n.a.	T 29
W30	12 22 0	5♈14'55	5♍43	29♈ 1	0♓32	15♒47	17♌51	22♐ 1	18♋17	15♊45	28♍57	28♌11	26♌36	10♊ 9	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s55	15n43	1s18	10s51	0s26	3s13	5n52	23s 1	1s22	16n57	1n58	24s29	0s41	23n37	0n50	23n48	0n30	8n19	8n59	12n17	12n27	17n 4		n.a.
W 2	8 33	12 35	0 6	9 53	0 16	3 36	5 43	22 53	1 22	16 59	1 57	24 29	0 41	23 37	0 50	23 48	0 30	8 20	8 59	12 17	12 28	17 5		n.a.
T 3	8 11	8 44	1n 7	8 53	0 5	4 0	5 32	22 45	1 22	17 1	1 57	24 29	0 41	23 37	0 50	23 48	0 30	8 20	8 59	12 17	12 30	17 6		n.a.
F 4	7 49	4 21	2 18	7 53	0n 5	4 24	5 22	22 36	1 23	17 3	1 57	24 30	0 42	23 37	0 50	23 48	0 30	8 21	8 59	12 18	12 31	17 7		n.a.
S 5	7 27	0s20	3 23	6 52	0 16	4 48	5 10	22 28	1 23	17 5	1 57	24 30	0 42	23 37	0 50	23 48	0 30	8 21	8 59	12 18	12 32	17 9		n.a.
S 6	7 4	5 3	4 16	5 51	0 26	5 12	4 59	22 19	1 23	17 7	1 57	24 31	0 42	23 37	0 50	23 48	0 30	8 22	8 59	12 19	12 33	17 10		n.a.
M 7	6 42	9 32	4 53	4 50	0 36	5 37	4 46	22 10	1 23	17 9	1 57	24 31	0 42	23 37	0 50	23 48	0 30	8 23	8 59	12 19	12 34	17 11		n.a.
T 8	6 20	13 29	5 13	3 49	0 46	6 1	4 34	22 0	1 24	17 11	1 56	24 31	0 42	23 38	0 50	23 48	0 30	8 23	8 59	12 20	12 35	17 12		n.a.
W 9	5 57	16 39	5 13	2 48	0 55	6 25	4 21	21 51	1 24	17 13	1 56	24 32	0 42	23 38	0 50	23 48	0 30	8 24	8 59	12 20	12 36	17 14		n.a.
T 10	5 34	18 47	4 55	1 48	1 4	6 48	4 8	21 41	1 24	17 14	1 56	24 32	0 43	23 38	0 50	23 48	0 30	8 24	8 59	12 20	12 37	17 15		n.a.
F 11	5 11	19 45	4 18	0 49	1 13	7 11	3 54	21 32	1 24	17 16	1 56	24 32	0 43	23 38	0 50	23 48	0 30	8 25	8 59	12 20	12 39	17 16		n.a.
S 12	4 49	19 29	3 26	0n10	1 21	7 34	3 41	21 22	1 24	17 18	1 55	24 33	0 43	23 38	0 50	23 48	0 30	8 26	8 59	12 20	12 40	17 17		n.a.
S 13	4 26	18 2	2 23	1 7	1 29	7 55	3 27	21 11	1 25	17 20	1 55	24 33	0 43	23 38	0 50	23 48	0 30	8 26	8 59	12 19	12 41	17 19		n.a.
M14	4 3	15 33	1 12	2 3	1 36	8 17	3 13	21 1	1 25	17 21	1 55	24 33	0 43	23 38	0 50	23 48	0 30	8 27	8 59	12 19	12 42	17 20		n.a.
T 15	3 40	12 14	0s 2	2 58	1 43	8 37	3 0	20 51	1 25	17 23	1 55	24 34	0 43	23 38	0 50	23 48	0 30	8 27	8 59	12 19	12 43	17 21		n.a.
W16	3 17	8 20	1 14	3 52	1 49	8 56	2 46	20 40	1 25	17 24	1 54	24 34	0 44	23 38	0 50	23 48	0 30	8 28	8 59	12 19	12 44	17 22		n.a.
T 17	2 54	4 7	2 21	4 44	1 54	9 14	2 33	20 29	1 25	17 26	1 54	24 34	0 44	23 38	0 50	23 48	0 30	8 29	8 58	12 19	12 45	17 23		n.a.
F 18	2 30	0n13	3 20	5 34	1 59	9 32	2 19	20 18	1 25	17 27	1 54	24 35	0 44	23 38	0 50	23 48	0 30	8 29	8 58	12 20	12 46	17 25		n.a.
S 19	2 7	4 27	4 8	6 23	2 3	9 48	2 6	20 7	1 26	17 28	1 54	24 35	0 44	23 38	0 50	23 48	0 30	8 30	8 58	12 22	12 48	17 26		n.a.
S 20	1 44	8 26	4 43	7 10	2 6	10 4	1 53	19 56	1 26	17 30	1 53	24 35	0 44	23 38	0 50	23 48	0 30	8 30	8 58	12 23	12 49	17 27		n.a.
M21	1 21	11 59	5 5	7 55	2 9	10 18	1 40	19 45	1 26	17 31	1 53	24 35	0 44	23 38	0 50	23 49	0 30	8 31	8 58	12 25	12 50	17 28		n.a.
T 22	0 58	15 0	5 13	8 39	2 11	10 31	1 27	19 33	1 26	17 32	1 53	24 36	0 45	23 38	0 50	23 49	0 30	8 31	8 58	12 26	12 51	17 29		n.a.
W23	0 34	17 22	5 7	9 20	2 13	10 44	1 15	19 21	1 26	17 33	1 52	24 36	0 45	23 38	0 50	23 49	0 30	8 32	8 58	12 27	12 52	17 31		n.a.
T 24	0 11	19 0	4 48	10 0	2 14	10 55	1 3	19 9	1 26	17 34	1 52	24 36	0 45	23 38	0 50	23 49	0 30	8 32	8 58	12 28	12 53	17 32		n.a.
F 25	0n12	19 48	4 17	10 39	2 14	11 5	0 51	18 57	1 26	17 35	1 52	24 37	0 45	23 38	0 50	23 49	0 30	8 33	8 58	12 28	12 54	17 33		n.a.
S 26	0 36	19 42	3 34	11 15	2 14	11 14	0 40	18 45	1 26	17 36	1 52	24 37	0 45	23 38	0 50	23 49	0 30	8 34	8 58	12 28	12 55	17 34		n.a.
S 27	0 59	18 41	2 41	11 50	2 13	11 22	0 28	18 33	1 27	17 37	1 51	24 37	0 45	23 38	0 49	23 49	0 30	8 34	8 58	12 27	12 56	17 35		n.a.
M28	1 22	16 45	1 39	12 23	2 11	11 28	0 17	18 21	1 27	17 38	1 51	24 37	0 46	23 38	0 49	23 49	0 30	8 35	8 57	12 27	12 58	17 37		n.a.
T 29	1 45	13 55	0 31	12 54	2 9	11 34	0 7	18 8	1 27	17 39	1 51	24 37	0 46	23 38	0 49	23 49	0 30	8 35	8 57	12 26	12 59	17 38		n.a.
W30	2n 8	10n18	0n41	13n23	2n 6	11s39	0s 3	17s56	1s27	17n39	1n50	24s38	0s46	23n38	0n49	23n49	0n30	8n36	8n57	12n26	13n 0	17n39		n.a.

Julian Day Number = 200977.5, Delta T = 32h10m17s
Ecliptic obliquity = 24°06'44, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'47, Lahiri = -61°08'47 Julian Calendar 1 Apr. 4163 BCE == Greg. Calendar 27 Feb. 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

MAY 4163 BCE (-4162) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 25 56	6♈11'52	19♍21	0♉24	0♓47	16♒29	17°R48	22♐ 1	18♋17	15♊46	28°R55	28°R 9	26♌33	10♊16	n.a.	T 1
F 2	12 29 53	7° 8'50	3♎21	1°46	1° 5	17°10	17♌45	22° 2	18°17	15°47	28♍54	28♌ 5	26°30	10°22	n.a.	F 2
S 3	12 33 49	8° 5'48	17°40	3° 5	1°24	17°51	17°43	22° 2	18°18	15°48	28°52	28° 1	26°26	10°29	n.a.	S 3
S 4	12 37 46	9° 2'46	2♏13	4°22	1°45	18°32	17°40	22° 3	18°18	15°49	28°51	27°55	26°23	10°36	n.a.	S 4
M 5	12 41 42	9°59'45	16°53	5°36	2° 7	19°13	17°38	22° 3	18°18	15°50	28°49	27°49	26°20	10°43	n.a.	M 5
T 6	12 45 39	10°56'45	1♐33	6°47	2°32	19°54	17°36	22° 3	18°19	15°51	28°48	27°43	26°17	10°49	n.a.	T 6
W 7	12 49 36	11°53'46	16° 6	7°56	2°58	20°35	17°34	22°R 3	18°19	15°52	28°46	27°39	26°14	10°56	n.a.	W 7
T 8	12 53 32	12°50'47	0♑28	9° 2	3°26	21°16	17°32	22° 3	18°19	15°54	28°45	27°37	26°11	11° 3	n.a.	T 8
F 9	12 57 29	13°47'49	14°35	10° 5	3°55	21°57	17°30	22° 3	18°20	15°55	28°43	27°D36	26° 7	11° 9	n.a.	F 9
S 10	13 1 25	14°44'52	28°27	11° 6	4°25	22°37	17°29	22° 2	18°20	15°56	28°42	27°37	26° 4	11°16	n.a.	S 10
S 11	13 5 22	15°41'56	12♒ 4	12° 3	4°57	23°18	17°28	22° 2	18°21	15°57	28°40	27°38	26° 1	11°23	n.a.	S 11
M12	13 9 18	16°39'00	25°25	12°57	5°31	23°58	17°27	22° 1	18°22	15°59	28°39	27°R38	25°58	11°30	n.a.	M12
T 13	13 13 15	17°36'06	8♓33	13°48	6° 5	24°39	17°26	22° 1	18°22	16° 0	28°37	27°38	25°55	11°36	n.a.	T 13
W14	13 17 12	18°33'12	21°29	14°35	6°41	25°19	17°25	22° 0	18°23	16° 1	28°36	27°35	25°51	11°43	n.a.	W14
T 15	13 21 8	19°30'20	4♈14	15°19	7°18	25°59	17°24	21°59	18°24	16° 3	28°34	27°31	25°48	11°50	n.a.	T 15
F 16	13 25 5	20°27'28	16°47	16° 0	7°57	26°39	17°24	21°58	18°25	16° 4	28°33	27°23	25°45	11°57	n.a.	F 16
S 17	13 29 1	21°24'37	29°10	16°36	8°36	27°20	17°D24	21°57	18°26	16° 6	28°31	27°14	25°42	12° 3	n.a.	S 17
S 18	13 32 58	22°21'46	11♉23	17° 9	9°17	28° 0	17°24	21°56	18°27	16° 7	28°30	27° 4	25°39	12°10	n.a.	S 18
M19	13 36 54	23°18'57	23°27	17°37	9°58	28°39	17°24	21°55	18°28	16° 9	28°28	26°54	25°36	12°17	n.a.	M19
T 20	13 40 51	24°16'09	5♊24	18° 1	10°40	29°19	17°25	21°54	18°29	16°10	28°27	26°45	25°32	12°23	n.a.	T 20
W21	13 44 48	25°13'21	17°16	18°20	11°24	29°59	17°25	21°52	18°30	16°12	28°26	26°37	25°29	12°30	n.a.	W21
T 22	13 48 44	26°10'34	29° 7	18°35	12° 8	0♓39	17°26	21°51	18°31	16°13	28°24	26°31	25°26	12°37	n.a.	T 22
F 23	13 52 41	27° 7'48	11♋ 0	18°45	12°53	1°18	17°27	21°49	18°32	16°15	28°23	26°28	25°23	12°44	n.a.	F 23
S 24	13 56 37	28° 5'02	22°59	18°51	13°39	1°58	17°28	21°48	18°34	16°16	28°22	26°D26	25°20	12°50	n.a.	S 24
S 25	14 0 34	29° 2'18	5♌11	18°R51	14°26	2°37	17°29	21°46	18°35	16°18	28°20	26°26	25°17	12°57	n.a.	S 25
M26	14 4 30	29°59'34	17°39	18°46	15°14	3°16	17°31	21°44	18°36	16°20	28°19	26°27	25°13	13° 4	n.a.	M26
T 27	14 8 27	0♉56'51	0♍30	18°36	16° 2	3°55	17°33	21°42	18°38	16°21	28°18	26°R27	25°10	13°10	n.a.	T 27
W28	14 12 24	1°54'09	13°45	18°21	16°51	4°34	17°34	21°40	18°39	16°23	28°17	26°26	25° 7	13°17	n.a.	W28
T 29	14 16 20	2°51'28	27°29	18° 1	17°41	5°13	17°36	21°38	18°41	16°25	28°15	26°22	25° 4	13°24	n.a.	T 29
F 30	14 20 17	3°48'48	11♎41	17°36	18°32	5°52	17°39	21°35	18°42	16°27	28°14	26°16	25° 1	13°31	n.a.	F 30
S 31	14 24 13	4♉46'09	26♎17	17♉ 7	19♓23	6♓31	17♌41	21♐33	18♋44	16♊28	28♍13	26♌ 8	24♌57	13♊37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	2n32	6n 3	1n53	13n50	2n 2	11s42	0s13	17s43	1s27	17n40	1n50	24s38	0s46	23n38	0n49	23n49	0n30	8n36	8n57	12n27	13n 1	17n40			n.a.
F 2	2 55	1 22	2 59	14 16	1 58	11 45	0 23	17 30	1 27	17 41	1 50	24 38	0 46	23 38	0 49	23 50	0 30	8 37	8 57	12 28	13 2	17 41			n.a.
S 3	3 18	3s30	3 56	14 39	1 54	11 47	0 32	17 17	1 27	17 41	1 49	24 38	0 46	23 38	0 49	23 50	0 30	8 37	8 57	12 30	13 3	17 42			n.a.
S 4	3 41	8 14	4 39	15 1	1 48	11 47	0 41	17 4	1 27	17 42	1 49	24 39	0 47	23 38	0 49	23 50	0 30	8 38	8 57	12 32	13 4	17 44			n.a.
M 5	4 4	12 30	5 4	15 22	1 42	11 47	0 50	16 51	1 27	17 42	1 49	24 39	0 47	23 38	0 49	23 50	0 30	8 38	8 56	12 34	13 5	17 45			n.a.
T 6	4 27	16 1	5 8	15 40	1 36	11 46	0 58	16 38	1 27	17 42	1 48	24 39	0 47	23 38	0 49	23 50	0 30	8 39	8 56	12 36	13 6	17 46			n.a.
W 7	4 50	18 30	4 53	15 56	1 29	11 44	1 6	16 24	1 27	17 43	1 48	24 39	0 47	23 38	0 49	23 50	0 30	8 39	8 56	12 38	13 8	17 47			n.a.
T 8	5 13	19 47	4 20	16 11	1 21	11 40	1 14	16 11	1 27	17 43	1 48	24 39	0 47	23 38	0 49	23 50	0 30	8 40	8 56	12 38	13 9	17 48			n.a.
F 9	5 35	19 47	3 31	16 24	1 13	11 36	1 21	15 57	1 27	17 43	1 47	24 39	0 48	23 38	0 49	23 50	0 30	8 40	8 56	12 39	13 10	17 49			n.a.
S 10	5 58	18 35	2 31	16 36	1 4	11 32	1 29	15 44	1 27	17 43	1 47	24 40	0 48	23 37	0 49	23 51	0 30	8 41	8 56	12 38	13 11	17 51			n.a.
S 11	6 21	16 20	1 23	16 45	0 55	11 26	1 35	15 30	1 27	17 43	1 47	24 40	0 48	23 37	0 49	23 51	0 30	8 41	8 55	12 38	13 12	17 52			n.a.
M12	6 43	13 13	0 12	16 53	0 45	11 19	1 42	15 16	1 27	17 43	1 46	24 40	0 48	23 37	0 49	23 51	0 30	8 41	8 55	12 38	13 13	17 53			n.a.
T 13	7 6	9 29	0s59	16 59	0 35	11 12	1 48	15 2	1 27	17 43	1 46	24 40	0 48	23 37	0 49	23 51	0 30	8 42	8 55	12 38	13 14	17 54			n.a.
W14	7 28	5 22	2 5	17 3	0 24	11 4	1 54	14 48	1 27	17 43	1 46	24 40	0 48	23 37	0 49	23 51	0 30	8 42	8 55	12 39	13 15	17 55			n.a.
T 15	7 50	1 4	3 4	17 5	0 13	10 55	2 0	14 34	1 27	17 43	1 45	24 40	0 49	23 37	0 49	23 51	0 30	8 43	8 55	12 41	13 16	17 56			n.a.
F 16	8 12	3n13	3 52	17 6	0 1	10 45	2 5	14 20	1 27	17 43	1 45	24 40	0 49	23 37	0 49	23 51	0 30	8 43	8 54	12 43	13 17	17 57			n.a.
S 17	8 35	7 18	4 29	17 5	0s11	10 35	2 11	14 6	1 27	17 42	1 45	24 40	0 49	23 36	0 49	23 52	0 30	8 43	8 54	12 46	13 19	17 59			n.a.
S 18	8 56	11 1	4 54	17 3	0 24	10 24	2 16	13 52	1 27	17 42	1 44	24 41	0 49	23 36	0 49	23 52	0 30	8 44	8 54	12 50	13 20	18 0			n.a.
M19	9 18	14 15	5 4	16 58	0 37	10 12	2 20	13 37	1 27	17 42	1 44	24 41	0 49	23 36	0 49	23 52	0 30	8 44	8 54	12 53	13 21	18 1			n.a.
T 20	9 40	16 52	5 1	16 52	0 50	9 59	2 25	13 23	1 27	17 41	1 43	24 41	0 50	23 36	0 49	23 52	0 30	8 45	8 54	12 57	13 22	18 2			n.a.
W21	10 1	18 45	4 45	16 45	1 4	9 46	2 29	13 8	1 27	17 41	1 43	24 41	0 50	23 36	0 49	23 52	0 30	8 45	8 53	12 59	13 23	18 3			n.a.
T 22	10 23	19 49	4 17	16 36	1 18	9 32	2 33	12 54	1 27	17 40	1 43	24 41	0 50	23 35	0 48	23 52	0 30	8 45	8 53	13 1	13 24	18 4			n.a.
F 23	10 44	20 1	3 38	16 25	1 32	9 18	2 37	12 39	1 27	17 39	1 42	24 41	0 50	23 35	0 48	23 53	0 30	8 46	8 53	13 3	13 25	18 5			n.a.
S 24	11 5	19 19	2 49	16 13	1 46	9 3	2 40	12 25	1 27	17 39	1 42	24 41	0 50	23 35	0 48	23 53	0 30	8 46	8 53	13 3	13 26	18 6			n.a.
S 25	11 26	17 43	1 51	15 59	2 1	8 47	2 43	12 10	1 26	17 38	1 42	24 41	0 50	23 35	0 48	23 53	0 30	8 46	8 52	13 3	13 27	18 8			n.a.
M26	11 47	15 14	0 47	15 44	2 15	8 31	2 46	11 55	1 26	17 37	1 41	24 41	0 51	23 35	0 48	23 53	0 30	8 46	8 52	13 3	13 28	18 9			n.a.
T 27	12 8	11 57	0n22	15 28	2 29	8 15	2 49	11 41	1 26	17 36	1 41	24 41	0 51	23 34	0 48	23 53	0 30	8 47	8 52	13 3	13 30	18 10			n.a.
W28	12 28	7 57	1 31	15 10	2 43	7 57	2 52	11 26	1 26	17 35	1 41	24 41	0 51	23 34	0 48	23 53	0 30	8 47	8 52	13 3	13 31	18 11			n.a.
T 29	12 48	3 25	2 37	14 51	2 57	7 40	2 54	11 11	1 26	17 34	1 40	24 41	0 51	23 34	0 48	23 54	0 30	8 47	8 51	13 5	13 32	18 12			n.a.
F 30	13 8	1s27	3 36	14 32	3 9	7 21	2 57	10 56	1 26	17 33	1 40	24 41	0 51	23 34	0 48	23 54	0 30	8 48	8 51	13 7	13 33	18 13			n.a.
S 31	13n28	6s21	4n23	14n12	3s22	7s 3	2s59	10s41	1s26	17n32	1n40	24s41	0s51	23n33	0n48	23n54	0n30	8n48	8n51	13n 9	13n34	18n14			n.a.

Julian Day Number = 201007.5, Delta T = 32h10m14s
Ecliptic obliquity = 24°06'44, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'43, Lahiri = -61°08'43 Julian Calendar 1 May 4163 BCE == Greg. Calendar 29 March 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

JUNE 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 28 10	5♉43'31	11♏11	16°R33	20♓15	7♓10	17♌44	21°R30	18♋46	16♊30	28°R12	25°R59	24♌54	13♊44	n.a.	S 1
M 2	14 32 6	6°40'55	26°15	15♉55	21° 8	7°48	17°46	21♐28	18°47	16°32	28♍11	25♌49	24°51	13°51	n.a.	M 2
T 3	14 36 3	7°38'20	11♐18	15°14	22° 1	8°27	17°49	21°25	18°49	16°34	28° 9	25°40	24°48	13°57	n.a.	T 3
W 4	14 40 0	8°35'47	26°12	14°30	22°54	9° 5	17°52	21°23	18°51	16°36	28° 8	25°32	24°45	14° 4	n.a.	W 4
T 5	14 43 56	9°33'15	10♑48	13°44	23°49	9°44	17°56	21°20	18°53	16°37	28° 7	25°27	24°42	14°11	n.a.	T 5
F 6	14 47 53	10°30'46	25° 3	12°57	24°43	10°22	17°59	21°17	18°55	16°39	28° 6	25°24	24°38	14°18	n.a.	F 6
S 7	14 51 49	11°28'18	8♒55	12° 9	25°39	11° 0	18° 3	21°14	18°57	16°41	28° 5	25°D24	24°35	14°24	n.a.	S 7
S 8	14 55 46	12°25'51	22°25	11°22	26°35	11°38	18° 6	21°11	18°59	16°43	28° 4	25°R24	24°32	14°31	n.a.	S 8
M 9	14 59 42	13°23'27	5♓36	10°36	27°31	12°16	18°10	21° 8	19° 1	16°45	28° 3	25°24	24°29	14°38	n.a.	M 9
T 10	15 3 39	14°21'04	18°30	9°52	28°28	12°54	18°14	21° 4	19° 3	16°47	28° 2	25°22	24°26	14°44	n.a.	T 10
W11	15 7 36	15°18'43	1♈ 9	9°11	29°25	13°32	18°19	21° 1	19° 5	16°49	28° 1	25°18	24°22	14°51	n.a.	W11
T 12	15 11 32	16°16'24	13°37	8°35	0♈23	14° 9	18°23	20°58	19° 7	16°51	28° 0	25°11	24°19	14°58	n.a.	T 12
F 13	15 15 29	17°14'07	25°56	8° 3	1°21	14°47	18°28	20°54	19° 9	16°53	27°59	25° 1	24°16	15° 5	n.a.	F 13
S 14	15 19 25	18°11'52	8♉ 6	7°36	2°20	15°24	18°32	20°51	19°12	16°55	27°59	24°48	24°13	15°11	n.a.	S 14
S 15	15 23 22	19° 9'38	20° 9	7°16	3°19	16° 2	18°37	20°47	19°14	16°57	27°58	24°35	24°10	15°18	n.a.	S 15
M16	15 27 18	20° 7'26	2♊ 7	7° 2	4°18	16°39	18°42	20°44	19°16	16°59	27°57	24°21	24° 7	15°25	n.a.	M16
T 17	15 31 15	21° 5'16	14° 0	6°D55	5°18	17°16	18°48	20°40	19°19	17° 1	27°56	24° 8	24° 3	15°31	n.a.	T 17
W18	15 35 12	22° 3'07	25°51	6°55	6°18	17°53	18°53	20°36	19°21	17° 3	27°55	23°56	24° 0	15°38	n.a.	W18
T 19	15 39 8	23° 1'00	7♋40	7° 3	7°19	18°30	18°58	20°32	19°24	17° 5	27°55	23°48	23°57	15°45	n.a.	T 19
F 20	15 43 5	23°58'55	19°33	7°19	8°20	19° 6	19° 4	20°28	19°26	17° 7	27°54	23°42	23°54	15°52	n.a.	F 20
S 21	15 47 1	24°56'51	1♌31	7°42	9°21	19°43	19°10	20°24	19°29	17° 9	27°53	23°38	23°51	15°58	n.a.	S 21
S 22	15 50 58	25°54'49	13°40	8°13	10°22	20°20	19°16	20°20	19°31	17°11	27°53	23°37	23°48	16° 5	n.a.	S 22
M23	15 54 54	26°52'48	26° 6	8°51	11°24	20°56	19°22	20°16	19°34	17°13	27°52	23°37	23°44	16°12	n.a.	M23
T 24	15 58 51	27°50'49	8♍52	9°37	12°26	21°32	19°28	20°12	19°36	17°16	27°51	23°37	23°41	16°18	n.a.	T 24
W25	16 2 47	28°48'52	22° 3	10°30	13°29	22° 8	19°35	20° 8	19°39	17°18	27°51	23°35	23°38	16°25	n.a.	W25
T 26	16 6 44	29°46'56	5♎43	11°30	14°32	22°44	19°42	20° 4	19°42	17°20	27°50	23°32	23°35	16°32	n.a.	T 26
F 27	16 10 41	0♊45'02	19°54	12°37	15°35	23°20	19°48	19°59	19°45	17°22	27°50	23°26	23°32	16°39	n.a.	F 27
S 28	16 14 37	1°43'10	4♏33	13°50	16°38	23°56	19°55	19°55	19°48	17°24	27°49	23°17	23°28	16°45	n.a.	S 28
S 29	16 18 34	2°41'20	19°34	15° 9	17°42	24°32	20° 2	19°51	19°50	17°26	27°49	23° 7	23°25	16°52	n.a.	S 29
M30	16 22 30	3♊39'32	4♐50	16♉33	18♈46	25♓ 7	20♌ 9	19♐46	19♋53	17♊29	27♍49	22♌56	23♌22	16♊59	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	13n48	10s59	4n52	13n51	3s33	6s43	3s 1	10s26	1s26	17n31	1n39	24s41	0s52	23n33	0n48	23n54	0n30	8n48	8n50	13n13	13n35	18n15			n.a.
M 2	14 7	14 58	5 2	13 30	3 44	6 24	3 2	10 12	1 25	17 30	1 39	24 41	0 52	23 33	0 48	23 54	0 30	8 48	8 50	13 16	13 36	18 16			n.a.
T 3	14 27	17 58	4 51	13 9	3 53	6 3	3 4	9 57	1 25	17 29	1 39	24 41	0 52	23 32	0 48	23 55	0 30	8 48	8 50	13 19	13 37	18 17			n.a.
W 4	14 46	19 43	4 20	12 49	4 1	5 43	3 5	9 42	1 25	17 27	1 38	24 41	0 52	23 32	0 48	23 55	0 30	8 49	8 50	13 22	13 38	18 19			n.a.
T 5	15 5	20 7	3 33	12 29	4 7	5 22	3 6	9 27	1 25	17 26	1 38	24 41	0 52	23 32	0 48	23 55	0 30	8 49	8 49	13 24	13 39	18 20			n.a.
F 6	15 23	19 12	2 33	12 10	4 12	5 0	3 7	9 12	1 25	17 25	1 37	24 41	0 52	23 32	0 48	23 55	0 30	8 49	8 49	13 25	13 41	18 21			n.a.
S 7	15 42	17 9	1 26	11 52	4 15	4 38	3 8	8 56	1 25	17 23	1 37	24 41	0 53	23 31	0 48	23 55	0 30	8 49	8 49	13 25	13 42	18 22			n.a.
S 8	16 0	14 11	0 16	11 36	4 17	4 16	3 9	8 41	1 24	17 22	1 37	24 41	0 53	23 31	0 48	23 56	0 30	8 49	8 48	13 25	13 43	18 23			n.a.
M 9	16 18	10 33	0s54	11 22	4 17	3 54	3 9	8 26	1 24	17 20	1 36	24 41	0 53	23 31	0 48	23 56	0 30	8 49	8 48	13 25	13 44	18 24			n.a.
T 10	16 35	6 29	1 59	11 10	4 15	3 31	3 10	8 11	1 24	17 18	1 36	24 41	0 53	23 30	0 48	23 56	0 30	8 49	8 48	13 26	13 45	18 25			n.a.
W11	16 53	2 13	2 57	11 0	4 11	3 8	3 10	7 56	1 24	17 17	1 36	24 41	0 53	23 30	0 48	23 56	0 30	8 50	8 47	13 27	13 46	18 26			n.a.
T 12	17 10	2n 4	3 46	10 53	4 6	2 44	3 10	7 41	1 24	17 15	1 35	24 41	0 53	23 30	0 48	23 56	0 30	8 50	8 47	13 29	13 47	18 27			n.a.
F 13	17 27	6 13	4 23	10 50	3 59	2 20	3 10	7 26	1 23	17 13	1 35	24 41	0 54	23 29	0 48	23 57	0 30	8 50	8 47	13 33	13 48	18 28			n.a.
S 14	17 44	10 5	4 47	10 49	3 50	1 56	3 10	7 11	1 23	17 11	1 35	24 41	0 54	23 29	0 48	23 57	0 30	8 50	8 46	13 37	13 49	18 29			n.a.
S 15	18 0	13 29	4 59	10 52	3 40	1 32	3 9	6 56	1 23	17 10	1 34	24 41	0 54	23 28	0 48	23 57	0 30	8 50	8 46	13 42	13 50	18 30			n.a.
M16	18 16	16 19	4 57	10 57	3 29	1 7	3 9	6 41	1 23	17 8	1 34	24 41	0 54	23 28	0 48	23 57	0 30	8 50	8 46	13 47	13 51	18 31			n.a.
T 17	18 32	18 27	4 42	11 7	3 17	0 42	3 8	6 26	1 22	17 6	1 34	24 40	0 54	23 28	0 48	23 57	0 30	8 50	8 45	13 51	13 52	18 32			n.a.
W18	18 47	19 47	4 15	11 19	3 4	0 17	3 8	6 11	1 22	17 4	1 33	24 40	0 54	23 27	0 48	23 58	0 30	8 50	8 45	13 55	13 54	18 33			n.a.
T 19	19 3	20 16	3 37	11 35	2 50	0n 8	3 7	5 55	1 22	17 1	1 33	24 40	0 55	23 27	0 47	23 58	0 30	8 50	8 45	13 58	13 55	18 34			n.a.
F 20	19 18	19 51	2 50	11 53	2 36	0 34	3 6	5 40	1 22	16 59	1 33	24 40	0 55	23 26	0 47	23 58	0 30	8 50	8 44	14 0	13 56	18 35			n.a.
S 21	19 32	18 32	1 54	12 15	2 21	0 59	3 5	5 25	1 21	16 57	1 32	24 40	0 55	23 26	0 47	23 58	0 30	8 50	8 44	14 1	13 57	18 36			n.a.
S 22	19 46	16 21	0 52	12 40	2 6	1 25	3 3	5 10	1 21	16 55	1 32	24 40	0 55	23 26	0 47	23 59	0 30	8 50	8 44	14 1	13 58	18 38			n.a.
M23	20 0	13 23	0n13	13 7	1 50	1 51	3 2	4 55	1 21	16 53	1 32	24 40	0 55	23 25	0 47	23 59	0 30	8 50	8 43	14 1	13 59	18 39			n.a.
T 24	20 14	9 42	1 20	13 37	1 35	2 17	3 1	4 40	1 21	16 50	1 32	24 39	0 55	23 25	0 47	23 59	0 30	8 50	8 43	14 2	14 0	18 40			n.a.
W25	20 27	5 26	2 24	14 8	1 19	2 44	2 59	4 26	1 20	16 48	1 31	24 39	0 55	23 24	0 47	23 59	0 30	8 49	8 43	14 2	14 1	18 41			n.a.
T 26	20 40	0 46	3 23	14 42	1 4	3 10	2 57	4 11	1 20	16 45	1 31	24 39	0 56	23 24	0 47	23 59	0 30	8 49	8 42	14 3	14 2	18 42			n.a.
F 27	20 53	4s 7	4 12	15 17	0 49	3 37	2 56	3 56	1 20	16 43	1 31	24 39	0 56	23 23	0 47	24 0	0 30	8 49	8 42	14 5	14 3	18 43			n.a.
S 28	21 5	8 56	4 45	15 54	0 34	4 3	2 54	3 41	1 19	16 40	1 30	24 39	0 56	23 23	0 47	24 0	0 30	8 49	8 42	14 8	14 4	18 44			n.a.
S 29	21 17	13 18	5 0	16 31	0 20	4 30	2 52	3 26	1 19	16 38	1 30	24 38	0 56	23 23	0 47	24 0	0 30	8 49	8 41	14 12	14 5	18 45			n.a.
M30	21n28	16s52	4n55	17n 9	0s 6	4n57	2s50	3s11	1s19	16n35	1n30	24s38	0s56	23n22	0n47	24n 0	0n30	8n49	8n41	14n15	14n 6	18n46			n.a.

Julian Day Number = 201038.5, Delta T = 32h10m11s
Ecliptic obliquity = 24°06'44, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'39, Lahiri = -61°08'38 Julian Calendar 1 June 4163 BCE == Greg. Calendar 29 Apr. 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

JULY 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 26 27	4♊37'45	20♐ 8	18♉ 3	19♈50	25♓43	20♌17	19°R42	19♋56	17♊31	27°R48	22°R46	23♌19	17♊ 5	n.a.	T 1
W 2	16 30 23	5°36'01	5♑19	19°37	20°54	26°18	20°24	19♐37	19°59	17°33	27♍48	22♌38	23°16	17°12	n.a.	W 2
T 3	16 34 20	6°34'19	20°11	21°15	21°59	26°53	20°32	19°33	20° 2	17°35	27°47	22°32	23°13	17°19	n.a.	T 3
F 4	16 38 16	7°32'40	4♒39	22°57	23° 4	27°28	20°39	19°28	20° 5	17°37	27°47	22°29	23° 9	17°26	n.a.	F 4
S 5	16 42 13	8°31'03	18°40	24°41	24° 9	28° 3	20°47	19°24	20° 8	17°40	27°47	22°D28	23° 6	17°32	n.a.	S 5
S 6	16 46 10	9°29'28	2♓14	26°29	25°15	28°38	20°55	19°19	20°11	17°42	27°47	22°28	23° 3	17°39	n.a.	S 6
M 7	16 50 6	10°27'55	15°23	28°18	26°20	29°12	21° 3	19°14	20°14	17°44	27°47	22°R28	23° 0	17°46	n.a.	M 7
T 8	16 54 3	11°26'25	28°12	0♊ 9	27°26	29°47	21°11	19°10	20°17	17°46	27°46	22°27	22°57	17°52	n.a.	T 8
W 9	16 57 59	12°24'58	10♈44	2° 2	28°32	0♈21	21°20	19° 5	20°21	17°48	27°46	22°24	22°54	17°59	n.a.	W 9
T 10	17 1 56	13°23'32	23° 2	3°55	29°39	0°55	21°28	19° 0	20°24	17°51	27°46	22°18	22°50	18° 6	n.a.	T 10
F 11	17 5 52	14°22'10	5♉10	5°49	0♉45	1°29	21°37	18°56	20°27	17°53	27°46	22° 9	22°47	18°13	n.a.	F 11
S 12	17 9 49	15°20'49	17°12	7°43	1°52	2° 3	21°45	18°51	20°30	17°55	27°D46	21°58	22°44	18°19	n.a.	S 12
S 13	17 13 45	16°19'31	29° 8	9°38	2°59	2°37	21°54	18°46	20°34	17°57	27°46	21°46	22°41	18°26	n.a.	S 13
M14	17 17 42	17°18'15	11♊ 1	11°32	4° 6	3°10	22° 3	18°41	20°37	18° 0	27°46	21°33	22°38	18°33	n.a.	M14
T 15	17 21 38	18°17'02	22°52	13°26	5°14	3°44	22°12	18°37	20°40	18° 2	27°46	21°22	22°34	18°39	n.a.	T 15
W16	17 25 35	19°15'51	4♋43	15°19	6°21	4°17	22°21	18°32	20°44	18° 4	27°46	21°11	22°31	18°46	n.a.	W16
T 17	17 29 31	20°14'42	16°35	17°12	7°29	4°50	22°31	18°27	20°47	18° 6	27°46	21° 4	22°28	18°53	n.a.	T 17
F 18	17 33 28	21°13'35	28°31	19° 5	8°37	5°23	22°40	18°22	20°50	18° 9	27°47	20°59	22°25	19° 0	n.a.	F 18
S 19	17 37 25	22°12'30	10♌33	20°56	9°45	5°56	22°50	18°18	20°54	18°11	27°47	20°56	22°22	19° 6	n.a.	S 19
S 20	17 41 21	23°11'27	22°45	22°47	10°53	6°28	22°59	18°13	20°57	18°13	27°47	20°D55	22°19	19°13	n.a.	S 20
M21	17 45 18	24°10'27	5♍10	24°37	12° 2	7° 0	23° 9	18° 8	21° 1	18°15	27°47	20°56	22°15	19°20	n.a.	M21
T 22	17 49 14	25° 9'28	17°54	26°26	13°11	7°33	23°19	18° 4	21° 4	18°17	27°48	20°57	22°12	19°26	n.a.	T 22
W23	17 53 11	26° 8'31	1♎ 1	28°15	14°19	8° 5	23°29	17°59	21° 8	18°20	27°48	20°R57	22° 9	19°33	n.a.	W23
T 24	17 57 7	27° 7'36	14°33	0♋ 2	15°28	8°36	23°39	17°54	21°11	18°22	27°48	20°55	22° 6	19°40	n.a.	T 24
F 25	18 1 4	28° 6'44	28°34	1°48	16°37	9° 8	23°49	17°50	21°15	18°24	27°49	20°52	22° 3	19°47	n.a.	F 25
S 26	18 5 0	29° 5'53	13♏ 2	3°34	17°47	9°39	23°59	17°45	21°18	18°26	27°49	20°46	22° 0	19°53	n.a.	S 26
S 27	18 8 57	0♋ 5'04	27°55	5°18	18°56	10°11	24° 9	17°40	21°22	18°29	27°50	20°39	21°56	20° 0	n.a.	S 27
M28	18 12 53	1° 4'18	13♐ 4	7° 2	20° 6	10°42	24°20	17°36	21°26	18°31	27°50	20°32	21°53	20° 7	n.a.	M28
T 29	18 16 50	2° 3'34	28°22	8°44	21°15	11°13	24°30	17°31	21°29	18°33	27°51	20°24	21°50	20°13	n.a.	T 29
W30	18 20 46	3° 2'52	13♑36	10°26	22°25	11°43	24°41	17°27	21°33	18°35	27°51	20°19	21°47	20°20	n.a.	W30
T 31	18 24 43	4♋ 2'12	28♑37	12♋ 7	23♉35	12♈14	24♌52	17♐22	21♋37	18♊37	27♍52	20♌15	21♌44	20♊27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n40	19s17	4n28	17n48	0n 7	5n24	2s47	2s57	1s18	16n33	1n29	24s38	0s56	23n22	0n47	24n 0	0n30	8n49	8n41	14n19	14n 8	18n47			n.a.
W 2	21 50	20 18	3 42	18 26	0 19	5 50	2 45	2 42	1 18	16 30	1 29	24 38	0 56	23 21	0 47	24 1	0 30	8 48	8 40	14 21	14 9	18 48			n.a.
T 3	22 1	19 53	2 42	19 4	0 31	6 17	2 43	2 27	1 18	16 27	1 29	24 37	0 56	23 21	0 47	24 1	0 30	8 48	8 40	14 23	14 10	18 49			n.a.
F 4	22 11	18 8	1 33	19 42	0 41	6 44	2 41	2 13	1 17	16 24	1 29	24 37	0 57	23 20	0 47	24 1	0 30	8 48	8 39	14 24	14 11	18 50			n.a.
S 5	22 20	15 20	0 20	20 18	0 51	7 11	2 38	1 58	1 17	16 21	1 28	24 37	0 57	23 20	0 47	24 1	0 30	8 48	8 39	14 25	14 12	18 51			n.a.
S 6	22 30	11 46	0s52	20 54	1 1	7 38	2 35	1 43	1 16	16 19	1 28	24 37	0 57	23 19	0 47	24 2	0 30	8 48	8 39	14 25	14 13	18 52			n.a.
M 7	22 38	7 44	1 59	21 28	1 9	8 5	2 33	1 29	1 16	16 16	1 28	24 36	0 57	23 19	0 47	24 2	0 30	8 47	8 38	14 25	14 14	18 53			n.a.
T 8	22 47	3 26	2 58	22 0	1 17	8 31	2 30	1 14	1 16	16 13	1 27	24 36	0 57	23 18	0 47	24 2	0 30	8 47	8 38	14 25	14 15	18 54			n.a.
W 9	22 55	0n54	3 47	22 30	1 23	8 58	2 27	1 0	1 15	16 10	1 27	24 36	0 57	23 18	0 47	24 2	0 30	8 47	8 38	14 26	14 16	18 55			n.a.
T 10	23 3	5 7	4 24	22 59	1 29	9 25	2 24	0 46	1 15	16 7	1 27	24 36	0 57	23 17	0 47	24 3	0 30	8 46	8 37	14 28	14 17	18 56			n.a.
F 11	23 10	9 5	4 49	23 25	1 34	9 51	2 22	0 31	1 14	16 3	1 27	24 35	0 57	23 17	0 47	24 3	0 30	8 46	8 37	14 31	14 18	18 56			n.a.
S 12	23 17	12 38	5 1	23 50	1 38	10 18	2 19	0 17	1 14	16 0	1 26	24 35	0 58	23 16	0 47	24 3	0 30	8 46	8 36	14 35	14 19	18 57			n.a.
S 13	23 23	15 39	5 0	24 12	1 42	10 44	2 16	0 3	1 13	15 57	1 26	24 35	0 58	23 16	0 47	24 3	0 30	8 45	8 36	14 39	14 20	18 58			n.a.
M14	23 29	18 1	4 45	24 32	1 45	11 10	2 12	0n11	1 13	15 54	1 26	24 34	0 58	23 15	0 47	24 3	0 30	8 45	8 36	14 43	14 21	18 59			n.a.
T 15	23 35	19 37	4 19	24 49	1 47	11 36	2 9	0 25	1 13	15 51	1 25	24 34	0 58	23 15	0 47	24 4	0 30	8 45	8 35	14 47	14 23	19 0			n.a.
W16	23 40	20 21	3 41	25 4	1 48	12 2	2 6	0 39	1 12	15 47	1 25	24 34	0 58	23 14	0 47	24 4	0 30	8 44	8 35	14 50	14 24	19 1			n.a.
T 17	23 44	20 12	2 53	25 17	1 49	12 28	2 3	0 53	1 12	15 44	1 25	24 33	0 58	23 13	0 47	24 4	0 30	8 44	8 35	14 53	14 25	19 2			n.a.
F 18	23 49	19 8	1 57	25 28	1 50	12 53	2 0	1 7	1 11	15 40	1 25	24 33	0 58	23 13	0 47	24 4	0 30	8 43	8 34	14 54	14 26	19 3			n.a.
S 19	23 52	17 12	0 55	25 37	1 49	13 19	1 56	1 20	1 11	15 37	1 24	24 33	0 58	23 12	0 47	24 4	0 30	8 43	8 34	14 55	14 27	19 4			n.a.
S 20	23 56	14 28	0n10	25 43	1 49	13 44	1 53	1 34	1 10	15 33	1 24	24 32	0 58	23 12	0 47	24 5	0 30	8 43	8 33	14 55	14 28	19 5			n.a.
M21	23 59	11 3	1 16	25 47	1 47	14 9	1 49	1 48	1 10	15 30	1 24	24 32	0 58	23 11	0 47	24 5	0 30	8 42	8 33	14 55	14 29	19 6			n.a.
T 22	24 1	7 3	2 20	25 49	1 46	14 33	1 46	2 1	1 9	15 26	1 24	24 32	0 58	23 11	0 47	24 5	0 31	8 42	8 33	14 55	14 30	19 7			n.a.
W23	24 3	2 36	3 18	25 49	1 43	14 57	1 43	2 15	1 9	15 23	1 23	24 31	0 59	23 10	0 47	24 5	0 31	8 41	8 32	14 55	14 31	19 8			n.a.
T 24	24 5	2s 6	4 8	25 47	1 41	15 21	1 39	2 28	1 8	15 19	1 23	24 31	0 59	23 9	0 47	24 6	0 31	8 41	8 32	14 55	14 32	19 9			n.a.
F 25	24 6	6 51	4 44	25 44	1 38	15 45	1 36	2 41	1 8	15 15	1 23	24 31	0 59	23 9	0 47	24 6	0 31	8 40	8 31	14 57	14 33	19 10			n.a.
S 26	24 6	11 22	5 4	25 38	1 34	16 8	1 32	2 55	1 7	15 12	1 23	24 30	0 59	23 8	0 47	24 6	0 31	8 40	8 31	14 58	14 34	19 11			n.a.
S 27	24 7	15 18	5 5	25 31	1 31	16 32	1 28	3 8	1 6	15 8	1 23	24 30	0 59	23 8	0 47	24 6	0 31	8 39	8 31	15 1	14 35	19 12			n.a.
M28	24 6	18 19	4 44	25 22	1 27	16 54	1 25	3 21	1 6	15 4	1 22	24 30	0 59	23 7	0 47	24 6	0 31	8 39	8 30	15 3	14 36	19 12			n.a.
T 29	24 6	20 3	4 3	25 11	1 22	17 17	1 21	3 34	1 5	15 0	1 22	24 29	0 59	23 7	0 47	24 7	0 31	8 38	8 30	15 5	14 37	19 13			n.a.
W30	24 4	20 20	3 5	24 59	1 18	17 39	1 18	3 46	1 5	14 56	1 22	24 29	0 59	23 6	0 47	24 7	0 31	8 37	8 30	15 7	14 38	19 14			n.a.
T 31	24n 3	19s 9	1n54	24n45	1n13	18n 0	1s14	3n59	1s 4	14n53	1n22	24s28	0s59	23n 5	0n47	24n 7	0n31	8n37	8n29	15n 9	14n39	19n15			n.a.

Julian Day Number = 201068.5, Delta T = 32h10m07s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'35, Lahiri = -61°08'34 Julian Calendar 1 July 4163 BCE == Greg. Calendar 29 May 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

AUGUST 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 28 40	5♋ 1'35	13♒15	13♋47	24♉45	12♈44	25♌ 3	17°R18	21♋40	18♊39	27♍52	20°R13	21♌40	20♊33	n.a.	F 1
S 2	18 32 36	6° 1'00	27°27	15°26	25°56	13°14	25°13	17♐14	21°44	18°42	27°53	20°D13	21°37	20°40	n.a.	S 2
S 3	18 36 33	7° 0'28	11♓10	17° 5	27° 6	13°44	25°24	17° 9	21°48	18°44	27°54	20♌14	21°34	20°47	n.a.	S 3
M 4	18 40 29	7°59'58	24°27	18°42	28°17	14°14	25°35	17° 5	21°51	18°46	27°54	20°15	21°31	20°54	n.a.	M 4
T 5	18 44 26	8°59'31	7♈19	20°19	29°28	14°43	25°47	17° 1	21°55	18°48	27°55	20°R16	21°28	21° 0	n.a.	T 5
W 6	18 48 22	9°59'07	19°51	21°55	0♊38	15°12	25°58	16°57	21°59	18°50	27°56	20°16	21°25	21° 7	n.a.	W 6
T 7	18 52 19	10°58'45	2♉ 6	23°30	1°49	15°41	26° 9	16°53	22° 3	18°52	27°57	20°13	21°21	21°14	n.a.	T 7
F 8	18 56 15	11°58'25	14°11	25° 5	3° 0	16°10	26°20	16°48	22° 6	18°54	27°58	20° 9	21°18	21°20	n.a.	F 8
S 9	19 0 12	12°58'08	26° 7	26°39	4°12	16°38	26°32	16°44	22°10	18°56	27°58	20° 4	21°15	21°27	n.a.	S 9
S 10	19 4 8	13°57'54	7♊59	28°12	5°23	17° 6	26°43	16°41	22°14	18°59	27°59	19°57	21°12	21°34	n.a.	S 10
M11	19 8 5	14°57'42	19°50	29°44	6°35	17°34	26°55	16°37	22°18	19° 1	28° 0	19°50	21° 9	21°41	n.a.	M11
T 12	19 12 1	15°57'32	1♋42	1♌16	7°46	18° 2	27° 7	16°33	22°21	19° 3	28° 1	19°44	21° 5	21°47	n.a.	T 12
W13	19 15 58	16°57'25	13°36	2°46	8°58	18°29	27°19	16°29	22°25	19° 5	28° 2	19°39	21° 2	21°54	n.a.	W13
T 14	19 19 54	17°57'20	25°35	4°17	10°10	18°56	27°30	16°25	22°29	19° 7	28° 3	19°35	20°59	22° 1	n.a.	T 14
F 15	19 23 51	18°57'17	7♌40	5°46	11°22	19°23	27°42	16°22	22°33	19° 9	28° 4	19°32	20°56	22° 7	n.a.	F 15
S 16	19 27 47	19°57'16	19°52	7°15	12°34	19°50	27°54	16°18	22°37	19°11	28° 5	19°D32	20°53	22°14	n.a.	S 16
S 17	19 31 44	20°57'17	2♍15	8°43	13°46	20°16	28° 6	16°15	22°40	19°13	28° 7	19°32	20°50	22°21	n.a.	S 17
M18	19 35 41	21°57'20	14°50	10°10	14°58	20°42	28°18	16°11	22°44	19°15	28° 8	19°34	20°46	22°27	n.a.	M18
T 19	19 39 37	22°57'25	27°40	11°36	16°10	21° 8	28°31	16° 8	22°48	19°17	28° 9	19°35	20°43	22°34	n.a.	T 19
W20	19 43 34	23°57'32	10♎48	13° 2	17°23	21°33	28°43	16° 5	22°52	19°19	28°10	19°37	20°40	22°41	n.a.	W20
T 21	19 47 30	24°57'41	24°16	14°27	18°35	21°58	28°55	16° 2	22°56	19°20	28°11	19°R37	20°37	22°48	n.a.	T 21
F 22	19 51 27	25°57'51	8♏ 7	15°51	19°48	22°23	29° 8	15°59	22°59	19°22	28°13	19°37	20°34	22°54	n.a.	F 22
S 23	19 55 23	26°58'04	22°20	17°14	21° 1	22°47	29°20	15°56	23° 3	19°24	28°14	19°35	20°31	23° 1	n.a.	S 23
S 24	19 59 20	27°58'18	6♐53	18°36	22°14	23°11	29°32	15°53	23° 7	19°26	28°15	19°33	20°27	23° 8	n.a.	S 24
M25	20 3 16	28°58'34	21°42	19°57	23°26	23°35	29°45	15°50	23°11	19°28	28°17	19°30	20°24	23°14	n.a.	M25
T 26	20 7 13	29°58'52	6♑41	21°18	24°39	23°58	29°58	15°47	23°14	19°30	28°18	19°27	20°21	23°21	n.a.	T 26
W27	20 11 9	0♌59'12	21°41	22°36	25°52	24°22	0♍10	15°45	23°18	19°32	28°19	19°25	20°18	23°28	n.a.	W27
T 28	20 15 6	1°59'34	6♒34	23°54	27° 6	24°44	0°23	15°42	23°22	19°33	28°21	19°24	20°15	23°35	n.a.	T 28
F 29	20 19 2	2°59'57	21°11	25°10	28°19	25° 7	0°36	15°40	23°26	19°35	28°22	19°D24	20°11	23°41	n.a.	F 29
S 30	20 22 59	4° 0'23	5♓26	26°25	29°32	25°29	0°48	15°37	23°30	19°37	28°24	19°24	20° 8	23°48	n.a.	S 30
S 31	20 26 55	5♌ 0'51	19♓17	27♌39	0♋46	25♈50	1♍ 1	15♐35	23♋33	19♊38	28♍25	19♌25	20♌ 5	23♊55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	24n 1	16s43	0n38	24n30	1n 8	18n21	1s10	4n12	1s 3	14n49	1n21	24s28	0s59	23n 5	0n47	24n 7	0n31	8n36	8n29	15n 9	14n41	19n16		n.a.	
S 2	23 58	13 19	0s39	24 14	1 3	18 42	1 7	4 24	1 3	14 45	1 21	24 28	0 59	23 4	0 47	24 8	0 31	8 36	8 28	15 9	14 42	19 17		n.a.	
S 3	23 55	9 17	1 51	23 56	0 57	19 3	1 3	4 37	1 2	14 41	1 21	24 27	0 59	23 3	0 47	24 8	0 31	8 35	8 28	15 9	14 43	19 18		n.a.	
M 4	23 52	4 56	2 55	23 37	0 51	19 22	0 59	4 49	1 1	14 37	1 21	24 27	0 59	23 3	0 47	24 8	0 31	8 34	8 28	15 8	14 44	19 19		n.a.	
T 5	23 48	0 29	3 48	23 16	0 45	19 42	0 56	5 2	1 1	14 33	1 21	24 27	0 59	23 2	0 47	24 8	0 31	8 34	8 27	15 8	14 45	19 20		n.a.	
W 6	23 43	3n51	4 28	22 55	0 39	20 1	0 52	5 14	1 0	14 28	1 20	24 26	1 0	23 2	0 47	24 8	0 31	8 33	8 27	15 8	14 46	19 21		n.a.	
T 7	23 38	7 56	4 55	22 33	0 33	20 19	0 48	5 26	0 59	14 24	1 20	24 26	1 0	23 1	0 47	24 9	0 31	8 32	8 27	15 9	14 47	19 21		n.a.	
F 8	23 33	11 38	5 9	22 9	0 27	20 37	0 45	5 38	0 59	14 20	1 20	24 26	1 0	23 0	0 47	24 9	0 31	8 32	8 26	15 10	14 48	19 22		n.a.	
S 9	23 27	14 50	5 9	21 45	0 20	20 55	0 41	5 50	0 58	14 16	1 20	24 25	1 0	23 0	0 47	24 9	0 31	8 31	8 26	15 12	14 49	19 23		n.a.	
S 10	23 21	17 24	4 56	21 20	0 14	21 12	0 37	6 1	0 57	14 12	1 20	24 25	1 0	22 59	0 47	24 9	0 31	8 30	8 26	15 14	14 50	19 24		n.a.	
M11	23 15	19 14	4 30	20 54	0 7	21 28	0 34	6 13	0 57	14 7	1 19	24 24	1 0	22 58	0 47	24 9	0 31	8 30	8 25	15 17	14 51	19 25		n.a.	
T 12	23 7	20 14	3 52	20 27	0 0	21 44	0 30	6 24	0 56	14 3	1 19	24 24	1 0	22 58	0 47	24 10	0 31	8 29	8 25	15 19	14 52	19 26		n.a.	
W13	23 0	20 21	3 4	19 59	0s 7	21 59	0 26	6 36	0 55	13 59	1 19	24 24	1 0	22 57	0 47	24 10	0 31	8 28	8 24	15 20	14 53	19 27		n.a.	
T 14	22 52	19 32	2 7	19 31	0 13	22 13	0 23	6 47	0 54	13 54	1 19	24 23	1 0	22 57	0 47	24 10	0 31	8 27	8 24	15 22	14 54	19 28		n.a.	
F 15	22 44	17 50	1 5	19 2	0 20	22 27	0 19	6 58	0 54	13 50	1 19	24 23	1 0	22 56	0 47	24 10	0 31	8 27	8 24	15 22	14 55	19 28		n.a.	
S 16	22 35	15 18	0n 2	18 32	0 28	22 41	0 16	7 9	0 53	13 46	1 18	24 23	1 0	22 55	0 47	24 10	0 31	8 26	8 23	15 23	14 56	19 29		n.a.	
S 17	22 25	12 2	1 9	18 2	0 35	22 53	0 12	7 20	0 52	13 41	1 18	24 22	1 0	22 55	0 47	24 10	0 31	8 25	8 23	15 22	14 57	19 30		n.a.	
M18	22 16	8 12	2 15	17 31	0 42	23 6	0 9	7 31	0 51	13 37	1 18	24 22	1 0	22 54	0 47	24 11	0 31	8 24	8 23	15 22	14 58	19 31		n.a.	
T 19	22 6	3 55	3 15	17 0	0 49	23 17	0 5	7 42	0 50	13 32	1 18	24 22	1 0	22 53	0 47	24 11	0 31	8 24	8 22	15 21	14 59	19 32		n.a.	
W20	21 55	0s38	4 6	16 29	0 56	23 28	0 2	7 52	0 49	13 28	1 18	24 21	1 0	22 53	0 47	24 11	0 31	8 23	8 22	15 21	15 0	19 33		n.a.	
T 21	21 44	5 16	4 45	15 57	1 3	23 38	0n 2	8 3	0 49	13 23	1 18	24 21	1 0	22 52	0 47	24 11	0 31	8 22	8 22	15 21	15 1	19 33		n.a.	
F 22	21 33	9 45	5 9	15 25	1 10	23 47	0 5	8 13	0 48	13 18	1 17	24 21	1 0	22 51	0 47	24 11	0 31	8 21	8 21	15 21	15 2	19 34		n.a.	
S 23	21 21	13 48	5 15	14 53	1 17	23 56	0 8	8 23	0 47	13 14	1 17	24 21	1 0	22 51	0 47	24 12	0 31	8 20	8 21	15 21	15 3	19 35		n.a.	
S 24	21 9	17 8	5 1	14 21	1 24	24 4	0 11	8 33	0 46	13 9	1 17	24 20	1 0	22 50	0 47	24 12	0 31	8 19	8 21	15 22	15 5	19 36		n.a.	
M25	20 56	19 24	4 27	13 48	1 31	24 11	0 15	8 43	0 45	13 4	1 17	24 20	1 0	22 49	0 47	24 12	0 31	8 19	8 20	15 23	15 6	19 37		n.a.	
T 26	20 43	20 22	3 35	13 16	1 38	24 18	0 18	8 53	0 44	13 0	1 17	24 20	1 0	22 49	0 47	24 12	0 31	8 18	8 20	15 24	15 7	19 38		n.a.	
W27	20 30	19 53	2 27	12 44	1 44	24 24	0 21	9 2	0 43	12 55	1 17	24 19	1 0	22 48	0 47	24 12	0 31	8 17	8 20	15 25	15 8	19 38		n.a.	
T 28	20 16	18 1	1 10	12 11	1 51	24 29	0 24	9 12	0 42	12 50	1 17	24 19	1 0	22 47	0 47	24 12	0 31	8 16	8 19	15 25	15 9	19 39		n.a.	
F 29	20 2	15 0	0s10	11 39	1 57	24 33	0 27	9 21	0 41	12 45	1 16	24 19	1 0	22 47	0 47	24 13	0 31	8 15	8 19	15 25	15 10	19 40		n.a.	
S 30	19 48	11 8	1 28	11 8	2 3	24 37	0 30	9 30	0 40	12 41	1 16	24 19	1 0	22 46	0 47	24 13	0 31	8 14	8 19	15 25	15 11	19 41		n.a.	
S 31	19n33	6s46	2s38	10n37	2s 9	24n40	0n33	9n39	0s39	12n36	1n16	24s18	1s 0	22n46	0n47	24n13	0n31	8n13	8n18	15n25	15n12	19n42		n.a.	

Julian Day Number = 201099.5, Delta T = 32h10m04s
Ecliptic obliquity = 24°06'43, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'31, Lahiri = -61°08'30 Julian Calendar 1 Aug. 4163 BCE == Greg. Calendar 29 June 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

SEPTEMBER 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 30 52	6♌ 1'21	2♈41	28♌50	1♋59	26♈11	1♍14	15°R33	23♋37	19♊40	28♍27	19♌26	20♌ 2	24♊ 1	n.a.	M 1
T 2	20 34 49	7° 1'53	15°40	29°59	3°13	26°32	1°27	15♐31	23°41	19°42	28°28	19°27	19°59	24° 8	n.a.	T 2
W 3	20 38 45	8° 2'27	28°17	1♍ 7	4°26	26°53	1°40	15°29	23°44	19°43	28°30	19°28	19°56	24°15	n.a.	W 3
T 4	20 42 42	9° 3'03	10♉36	2°11	5°40	27°13	1°53	15°27	23°48	19°45	28°32	19°R28	19°52	24°21	n.a.	T 4
F 5	20 46 38	10° 3'41	22°41	3°13	6°54	27°32	2° 6	15°26	23°52	19°47	28°33	19°28	19°49	24°28	n.a.	F 5
S 6	20 50 35	11° 4'22	4♊36	4°12	8° 8	27°51	2°19	15°24	23°56	19°48	28°35	19°27	19°46	24°35	n.a.	S 6
S 7	20 54 31	12° 5'04	16°27	5° 8	9°22	28°10	2°32	15°22	23°59	19°50	28°37	19°26	19°43	24°42	n.a.	S 7
M 8	20 58 28	13° 5'49	28°18	5°59	10°36	28°28	2°45	15°21	24° 3	19°51	28°38	19°25	19°40	24°48	n.a.	M 8
T 9	21 2 24	14° 6'35	10♋11	6°47	11°50	28°46	2°59	15°20	24° 7	19°53	28°40	19°25	19°37	24°55	n.a.	T 9
W10	21 6 21	15° 7'23	22°11	7°29	13° 4	29° 3	3°12	15°18	24°10	19°54	28°42	19°24	19°33	25° 2	n.a.	W10
T 11	21 10 17	16° 8'13	4♌18	8° 6	14°18	29°20	3°25	15°17	24°14	19°56	28°44	19°24	19°30	25° 8	n.a.	T 11
F 12	21 14 14	17° 9'05	16°36	8°37	15°33	29°36	3°38	15°16	24°17	19°57	28°45	19°D24	19°27	25°15	n.a.	F 12
S 13	21 18 11	18° 9'58	29° 5	9° 1	16°47	29°52	3°52	15°15	24°21	19°58	28°47	19°24	19°24	25°22	n.a.	S 13
S 14	21 22 7	19°10'53	11♍47	9°17	18° 1	0♉ 7	4° 5	15°15	24°24	20° 0	28°49	19°R24	19°21	25°28	n.a.	S 14
M15	21 26 4	20°11'48	24°41	9°R25	19°16	0°22	4°19	15°14	24°28	20° 1	28°51	19°24	19°17	25°35	n.a.	M15
T 16	21 30 0	21°12'46	7♎49	9°25	20°30	0°36	4°32	15°13	24°31	20° 2	28°53	19°23	19°14	25°42	n.a.	T 16
W17	21 33 57	22°13'44	21°10	9°14	21°45	0°50	4°45	15°13	24°35	20° 4	28°55	19°23	19°11	25°49	n.a.	W17
T 18	21 37 53	23°14'44	4♏46	8°54	22°59	1° 3	4°59	15°13	24°38	20° 5	28°56	19°23	19° 8	25°55	n.a.	T 18
F 19	21 41 50	24°15'45	18°35	8°23	24°14	1°15	5°12	15°12	24°42	20° 6	28°58	19°D23	19° 5	26° 2	n.a.	F 19
S 20	21 45 46	25°16'47	2♐38	7°41	25°28	1°27	5°26	15°12	24°45	20° 7	29° 0	19°23	19° 2	26° 9	n.a.	S 20
S 21	21 49 43	26°17'50	16°53	6°49	26°43	1°38	5°39	15°D12	24°49	20° 9	29° 2	19°23	18°58	26°15	n.a.	S 21
M22	21 53 39	27°18'54	1♑18	5°47	27°58	1°49	5°53	15°12	24°52	20°10	29° 4	19°24	18°55	26°22	n.a.	M22
T 23	21 57 36	28°19'59	15°49	4°37	29°13	1°59	6° 6	15°13	24°55	20°11	29° 6	19°24	18°52	26°29	n.a.	T 23
W24	22 1 33	29°21'05	0♒22	3°21	0♌27	2° 9	6°20	15°13	24°59	20°12	29° 8	19°25	18°49	26°35	n.a.	W24
T 25	22 5 29	0♍22'12	14°51	2° 0	1°42	2°17	6°34	15°13	25° 2	20°13	29°10	19°R26	18°46	26°42	n.a.	T 25
F 26	22 9 26	1°23'20	29°10	0°38	2°57	2°26	6°47	15°14	25° 5	20°14	29°12	19°25	18°43	26°49	n.a.	F 26
S 27	22 13 22	2°24'29	13♓15	29♌16	4°12	2°33	7° 1	15°15	25° 9	20°15	29°14	19°25	18°39	26°55	n.a.	S 27
S 28	22 17 19	3°25'39	27° 1	27°59	5°27	2°40	7°14	15°15	25°12	20°16	29°17	19°23	18°36	27° 2	n.a.	S 28
M29	22 21 15	4°26'50	10♈26	26°48	6°42	2°46	7°28	15°16	25°15	20°17	29°19	19°21	18°33	27° 9	n.a.	M29
T 30	22 25 12	5♍28'02	23♈28	25♌45	7♌57	2♉52	7♍42	15♐17	25♋18	20♊17	29♍21	19♌19	18♌30	27♊16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n17	2s13	3s38	10n 6	2s15	24n42	0n36	9n48	0s38	12n31	1n16	24s18	1s 0	22n45	0n47	24n13	0n31	8n12	8n18	15n24	15n13	19n42		n.a.
T 2	19 2	2n18	4 24	9 36	2 21	24 43	0 39	9 57	0 37	12 26	1 16	24 18	1 0	22 44	0 47	24 13	0 31	8 11	8 18	15 24	15 14	19 43		n.a.
W 3	18 46	6 34	4 56	9 7	2 26	24 44	0 42	10 5	0 36	12 21	1 16	24 18	1 0	22 44	0 47	24 13	0 31	8 11	8 17	15 24	15 15	19 44		n.a.
T 4	18 30	10 28	5 13	8 39	2 31	24 44	0 44	10 14	0 35	12 16	1 16	24 18	1 0	22 43	0 47	24 14	0 31	8 10	8 17	15 24	15 16	19 45		n.a.
F 5	18 13	13 52	5 17	8 12	2 35	24 43	0 47	10 22	0 33	12 11	1 15	24 17	1 0	22 42	0 47	24 14	0 31	8 9	8 17	15 24	15 17	19 46		n.a.
S 6	17 56	16 39	5 6	7 47	2 39	24 41	0 50	10 30	0 32	12 6	1 15	24 17	1 0	22 42	0 47	24 14	0 32	8 8	8 17	15 24	15 18	19 46		n.a.
S 7	17 39	18 43	4 43	7 23	2 42	24 38	0 52	10 38	0 31	12 1	1 15	24 17	1 0	22 41	0 47	24 14	0 32	8 7	8 16	15 24	15 19	19 47		n.a.
M 8	17 21	19 59	4 7	7 1	2 45	24 35	0 55	10 46	0 30	11 56	1 15	24 17	1 0	22 40	0 47	24 14	0 32	8 6	8 16	15 25	15 20	19 48		n.a.
T 9	17 3	20 22	3 21	6 41	2 47	24 31	0 57	10 53	0 29	11 51	1 15	24 17	1 0	22 40	0 47	24 14	0 32	8 5	8 16	15 25	15 21	19 49		n.a.
W10	16 45	19 50	2 26	6 24	2 49	24 26	0 59	11 1	0 28	11 46	1 15	24 17	1 0	22 39	0 47	24 14	0 32	8 4	8 15	15 25	15 22	19 49		n.a.
T 11	16 27	18 23	1 23	6 9	2 49	24 21	1 2	11 8	0 26	11 41	1 15	24 16	1 0	22 38	0 47	24 15	0 32	8 3	8 15	15 25	15 23	19 50		n.a.
F 12	16 8	16 3	0 16	5 58	2 49	24 14	1 4	11 15	0 25	11 36	1 15	24 16	1 0	22 38	0 47	24 15	0 32	8 2	8 15	15 25	15 24	19 51		n.a.
S 13	15 49	12 57	0n54	5 50	2 47	24 7	1 6	11 22	0 24	11 31	1 15	24 16	1 0	22 37	0 47	24 15	0 32	8 1	8 15	15 25	15 25	19 52		n.a.
S 14	15 29	9 12	2 1	5 46	2 45	23 59	1 8	11 29	0 22	11 26	1 14	24 16	1 0	22 37	0 47	24 15	0 32	8 0	8 14	15 25	15 26	19 53		n.a.
M15	15 9	4 58	3 4	5 47	2 41	23 51	1 10	11 35	0 21	11 21	1 14	24 16	1 0	22 36	0 47	24 15	0 32	7 59	8 14	15 25	15 27	19 53		n.a.
T 16	14 50	0 27	3 58	5 52	2 35	23 41	1 12	11 42	0 20	11 16	1 14	24 16	1 0	22 35	0 47	24 15	0 32	7 58	8 14	15 25	15 28	19 54		n.a.
W17	14 29	4s10	4 40	6 3	2 28	23 31	1 14	11 48	0 18	11 11	1 14	24 16	1 0	22 35	0 47	24 15	0 32	7 57	8 14	15 25	15 29	19 55		n.a.
T 18	14 9	8 39	5 7	6 19	2 20	23 20	1 16	11 54	0 17	11 6	1 14	24 16	1 0	22 34	0 47	24 16	0 32	7 56	8 13	15 25	15 30	19 55		n.a.
F 19	13 48	12 46	5 18	6 40	2 9	23 9	1 18	12 0	0 15	11 0	1 14	24 16	1 0	22 33	0 47	24 16	0 32	7 55	8 13	15 26	15 31	19 56		n.a.
S 20	13 27	16 13	5 9	7 8	1 56	22 56	1 19	12 6	0 14	10 55	1 14	24 16	1 0	22 33	0 47	24 16	0 32	7 54	8 13	15 26	15 32	19 57		n.a.
S 21	13 6	18 46	4 42	7 41	1 42	22 43	1 21	12 11	0 12	10 50	1 14	24 16	1 0	22 32	0 47	24 16	0 32	7 53	8 13	15 25	15 33	19 58		n.a.
M22	12 45	20 10	3 57	8 19	1 26	22 30	1 22	12 16	0 11	10 45	1 14	24 16	1 0	22 32	0 47	24 16	0 32	7 52	8 12	15 25	15 34	19 58		n.a.
T 23	12 23	20 14	2 56	9 2	1 8	22 15	1 24	12 21	0 9	10 40	1 14	24 16	1 0	22 31	0 47	24 16	0 32	7 51	8 12	15 25	15 35	19 59		n.a.
W24	12 1	18 57	1 44	9 48	0 49	22 0	1 25	12 26	0 8	10 34	1 14	24 16	1 0	22 30	0 47	24 16	0 32	7 50	8 12	15 25	15 36	20 0		n.a.
T 25	11 39	16 26	0 25	10 36	0 29	21 44	1 26	12 31	0 6	10 29	1 13	24 16	1 0	22 30	0 47	24 16	0 32	7 49	8 12	15 25	15 37	20 1		n.a.
F 26	11 17	12 55	0s54	11 25	0 9	21 28	1 28	12 35	0 4	10 24	1 13	24 16	1 0	22 29	0 47	24 16	0 32	7 48	8 11	15 25	15 38	20 1		n.a.
S 27	10 54	8 44	2 8	12 14	0n11	21 11	1 29	12 39	0 3	10 19	1 13	24 16	1 0	22 29	0 47	24 17	0 32	7 47	8 11	15 25	15 39	20 2		n.a.
S 28	10 32	4 10	3 14	13 0	0 31	20 53	1 30	12 43	0 1	10 13	1 13	24 16	1 0	22 28	0 47	24 17	0 32	7 46	8 11	15 25	15 40	20 3		n.a.
M29	10 9	0n29	4 6	13 43	0 50	20 35	1 31	12 47	0n 1	10 8	1 13	24 16	1 0	22 28	0 47	24 17	0 32	7 45	8 11	15 26	15 41	20 3		n.a.
T 30	9n46	4n58	4s45	14n21	1n 8	20n16	1n32	12n51	0n 2	10n 3	1n13	24s16	1s 0	22n27	0n47	24n17	0n32	7n44	8n11	15n27	15n42	20n 4		n.a.

Julian Day Number = 201130.5, Delta T = 32h10m01s
Ecliptic obliquity = 24°06'44, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'26, Lahiri = -61°08'26 Julian Calendar 1 Sept. 4163 BCE == Greg. Calendar 30 July 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

OCTOBER 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 29 8	6♍29'16	6♉ 9	24°R53	9♌12	2♉56	7♍55	15♐18	25♋21	20♊18	29♍23	19°R16	18♌27	27♊22	n.a.	W 1
T 2	22 33 5	7°30'31	18°32	24♌11	10°27	3° 0	8° 9	15°20	25°24	20°19	29°25	19♌14	18°23	27°29	n.a.	T 2
F 3	22 37 2	8°31'47	0♊40	23°41	11°42	3° 4	8°22	15°21	25°27	20°20	29°27	19°13	18°20	27°36	n.a.	F 3
S 4	22 40 58	9°33'04	12°37	23°22	12°58	3° 6	8°36	15°22	25°30	20°21	29°29	19°D13	18°17	27°42	n.a.	S 4
S 5	22 44 55	10°34'22	24°28	23°D15	14°13	3° 8	8°50	15°24	25°33	20°21	29°31	19°14	18°14	27°49	n.a.	S 5
M 6	22 48 51	11°35'41	6♋18	23°18	15°28	3° 9	9° 3	15°26	25°36	20°22	29°34	19°15	18°11	27°56	n.a.	M 6
T 7	22 52 48	12°37'01	18°13	23°30	16°43	3°R 9	9°17	15°27	25°39	20°23	29°36	19°17	18° 8	28° 2	n.a.	T 7
W 8	22 56 44	13°38'22	0♌15	23°52	17°58	3° 9	9°31	15°29	25°42	20°23	29°38	19°19	18° 4	28° 9	n.a.	W 8
T 9	23 0 41	14°39'44	12°30	24°22	19°14	3° 7	9°44	15°31	25°45	20°24	29°40	19°20	18° 1	28°16	n.a.	T 9
F 10	23 4 38	15°41'06	25° 0	25° 0	20°29	3° 5	9°58	15°33	25°48	20°24	29°42	19°R20	17°58	28°22	n.a.	F 10
S 11	23 8 34	16°42'29	7♍46	25°44	21°44	3° 2	10°12	15°36	25°50	20°25	29°44	19°19	17°55	28°29	n.a.	S 11
S 12	23 12 31	17°43'53	20°49	26°33	23° 0	2°58	10°25	15°38	25°53	20°25	29°47	19°16	17°52	28°36	n.a.	S 12
M13	23 16 27	18°45'17	4♎ 9	27°28	24°15	2°54	10°39	15°40	25°56	20°26	29°49	19°12	17°48	28°43	n.a.	M13
T 14	23 20 24	19°46'41	17°44	28°27	25°30	2°48	10°52	15°43	25°58	20°26	29°51	19° 7	17°45	28°49	n.a.	T 14
W15	23 24 20	20°48'06	1♏30	29°30	26°46	2°42	11° 6	15°45	26° 1	20°27	29°53	19° 1	17°42	28°56	n.a.	W15
T 16	23 28 17	21°49'30	15°27	0♍37	28° 1	2°35	11°19	15°48	26° 3	20°27	29°56	18°57	17°39	29° 3	n.a.	T 16
F 17	23 32 13	22°50'55	29°29	1°46	29°16	2°27	11°33	15°51	26° 6	20°27	29°58	18°53	17°36	29° 9	n.a.	F 17
S 18	23 36 10	23°52'20	13♐36	2°59	0♍32	2°18	11°46	15°54	26° 8	20°27	0♎ 0	18°51	17°33	29°16	n.a.	S 18
S 19	23 40 7	24°53'45	27°44	4°13	1°47	2° 9	12° 0	15°57	26°11	20°28	0° 2	18°D51	17°29	29°23	n.a.	S 19
M20	23 44 3	25°55'09	11♑52	5°29	3° 2	1°58	12°13	16° 0	26°13	20°28	0° 5	18°52	17°26	29°29	n.a.	M20
T 21	23 48 0	26°56'34	25°59	6°47	4°18	1°47	12°27	16° 3	26°16	20°28	0° 7	18°53	17°23	29°36	n.a.	T 21
W22	23 51 56	27°57'58	10♒ 4	8° 7	5°33	1°35	12°40	16° 7	26°18	20°28	0° 9	18°54	17°20	29°43	n.a.	W22
T 23	23 55 53	28°59'22	24° 3	9°28	6°48	1°22	12°54	16°10	26°20	20°28	0°11	18°R55	17°17	29°49	n.a.	T 23
F 24	23 59 49	0♎ 0'45	7♓55	10°50	8° 4	1° 9	13° 7	16°13	26°22	20°28	0°14	18°53	17°14	29°56	n.a.	F 24
S 25	0 3 46	1° 2'09	21°37	12°14	9°19	0°54	13°20	16°17	26°24	20°R28	0°16	18°49	17°10	0♋ 3	n.a.	S 25
S 26	0 7 43	2° 3'32	5♈ 5	13°38	10°35	0°39	13°34	16°21	26°27	20°28	0°18	18°43	17° 7	0°10	n.a.	S 26
M27	0 11 39	3° 4'55	18°19	15° 3	11°50	0°24	13°47	16°25	26°29	20°28	0°20	18°36	17° 4	0°16	n.a.	M27
T 28	0 15 36	4° 6'18	1♉15	16°29	13° 5	0° 7	14° 0	16°28	26°31	20°28	0°23	18°27	17° 1	0°23	n.a.	T 28
W29	0 19 32	5° 7'41	13°54	17°55	14°21	29♈50	14°14	16°32	26°33	20°28	0°25	18°18	16°58	0°30	n.a.	W29
T 30	0 23 29	6° 9'04	26°17	19°23	15°36	29°32	14°27	16°37	26°34	20°28	0°27	18°11	16°54	0°36	n.a.	T 30
F 31	0 27 25	7♎10'27	8♊25	20♍51	16♍51	29♈13	14♍40	16♐41	26♋36	20♊28	0♎29	18♌ 4	16♌51	0♋43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	9n23	9n 7	5s 8	14n55	1n24	19n56	1n33	12n54	0n 4	9n57	1n13	24s16	1s 0	22n26	0n47	24n17	0n32	7n43	8n10	15n28	15n43	20n 5			n.a.
T 2	8 59	12 46	5 16	15 23	1 39	19 36	1 33	12 57	0 6	9 52	1 13	24 16	1 0	22 26	0 47	24 17	0 32	7 41	8 10	15 28	15 44	20 5			n.a.
F 3	8 36	15 49	5 10	15 45	1 51	19 16	1 34	13 0	0 8	9 47	1 13	24 17	1 0	22 25	0 47	24 17	0 32	7 40	8 10	15 29	15 45	20 6			n.a.
S 4	8 12	18 9	4 50	16 1	2 2	18 54	1 35	13 3	0 10	9 42	1 13	24 17	1 0	22 25	0 48	24 17	0 32	7 39	8 10	15 29	15 46	20 7			n.a.
S 5	7 49	19 41	4 18	16 12	2 11	18 32	1 35	13 5	0 12	9 36	1 13	24 17	1 0	22 24	0 48	24 17	0 32	7 38	8 10	15 28	15 47	20 7			n.a.
M 6	7 25	20 22	3 36	16 18	2 18	18 10	1 36	13 7	0 14	9 31	1 13	24 17	1 0	22 24	0 48	24 17	0 32	7 37	8 9	15 28	15 48	20 8			n.a.
T 7	7 1	20 8	2 43	16 19	2 24	17 47	1 36	13 9	0 16	9 26	1 13	24 17	1 0	22 23	0 48	24 18	0 32	7 36	8 9	15 27	15 49	20 9			n.a.
W 8	6 36	18 59	1 43	16 15	2 28	17 24	1 36	13 11	0 18	9 20	1 13	24 17	1 0	22 23	0 48	24 18	0 33	7 35	8 9	15 27	15 50	20 9			n.a.
T 9	6 12	16 56	0 38	16 8	2 31	17 0	1 36	13 12	0 20	9 15	1 13	24 18	1 0	22 22	0 48	24 18	0 33	7 34	8 9	15 26	15 51	20 10			n.a.
F 10	5 48	14 2	0n31	15 56	2 32	16 35	1 37	13 13	0 22	9 10	1 13	24 18	1 0	22 22	0 48	24 18	0 33	7 33	8 9	15 26	15 52	20 11			n.a.
S 11	5 23	10 26	1 40	15 41	2 33	16 10	1 37	13 14	0 24	9 4	1 13	24 18	1 0	22 21	0 48	24 18	0 33	7 32	8 9	15 27	15 53	20 11			n.a.
S 12	4 59	6 14	2 44	15 23	2 32	15 45	1 37	13 15	0 26	8 59	1 13	24 18	1 0	22 21	0 48	24 18	0 33	7 31	8 8	15 28	15 54	20 12			n.a.
M13	4 34	1 40	3 41	15 3	2 31	15 19	1 37	13 15	0 28	8 54	1 13	24 18	1 0	22 20	0 48	24 18	0 33	7 30	8 8	15 29	15 55	20 13			n.a.
T 14	4 9	3s 3	4 27	14 39	2 29	14 53	1 36	13 16	0 30	8 48	1 12	24 19	1 0	22 20	0 48	24 18	0 33	7 29	8 8	15 31	15 56	20 13			n.a.
W15	3 45	7 41	4 58	14 14	2 26	14 26	1 36	13 15	0 33	8 43	1 12	24 19	1 0	22 19	0 48	24 18	0 33	7 28	8 8	15 32	15 57	20 14			n.a.
T 16	3 20	11 58	5 11	13 47	2 23	13 59	1 36	13 15	0 35	8 38	1 12	24 19	1 0	22 19	0 48	24 18	0 33	7 27	8 8	15 34	15 58	20 15			n.a.
F 17	2 55	15 37	5 7	13 17	2 19	13 32	1 36	13 14	0 37	8 32	1 12	24 20	1 0	22 18	0 48	24 18	0 33	7 26	8 8	15 35	15 59	20 15			n.a.
S 18	2 30	18 23	4 44	12 47	2 14	13 4	1 35	13 13	0 39	8 27	1 12	24 20	1 0	22 18	0 48	24 18	0 33	7 25	8 8	15 36	16 0	20 16			n.a.
S 19	2 5	20 2	4 3	12 14	2 10	12 36	1 35	13 12	0 42	8 22	1 12	24 20	1 0	22 18	0 48	24 18	0 33	7 24	8 8	15 36	16 1	20 17			n.a.
M20	1 40	20 27	3 8	11 41	2 4	12 8	1 34	13 11	0 44	8 16	1 12	24 21	1 0	22 17	0 48	24 18	0 33	7 23	8 7	15 35	16 2	20 17			n.a.
T 21	1 15	19 33	2 2	11 6	1 59	11 39	1 33	13 9	0 46	8 11	1 12	24 21	1 0	22 17	0 48	24 18	0 33	7 22	8 7	15 35	16 3	20 18			n.a.
W22	0 50	17 27	0 48	10 30	1 53	11 10	1 33	13 7	0 49	8 6	1 12	24 21	1 0	22 16	0 48	24 18	0 33	7 21	8 7	15 35	16 4	20 18			n.a.
T 23	0 25	14 19	0s28	9 53	1 47	10 40	1 32	13 4	0 51	8 1	1 12	24 22	1 0	22 16	0 48	24 18	0 33	7 20	8 7	15 35	16 5	20 19			n.a.
F 24	0s 0	10 24	1 41	9 16	1 41	10 11	1 31	13 2	0 53	7 55	1 12	24 22	1 0	22 16	0 48	24 18	0 33	7 19	8 7	15 35	16 6	20 20			n.a.
S 25	0 25	5 59	2 48	8 37	1 35	9 41	1 30	12 59	0 56	7 50	1 12	24 22	1 0	22 15	0 48	24 19	0 33	7 18	8 7	15 36	16 7	20 20			n.a.
S 26	0 50	1 20	3 44	7 58	1 29	9 11	1 29	12 56	0 58	7 45	1 12	24 23	1 0	22 15	0 48	24 19	0 33	7 17	8 7	15 38	16 8	20 21			n.a.
M27	1 16	3n17	4 26	7 18	1 22	8 40	1 28	12 52	1 1	7 39	1 12	24 23	1 0	22 14	0 48	24 19	0 33	7 16	8 7	15 41	16 9	20 21			n.a.
T 28	1 41	7 39	4 54	6 38	1 15	8 9	1 27	12 48	1 3	7 34	1 12	24 23	1 0	22 14	0 48	24 19	0 33	7 15	8 7	15 43	16 10	20 22			n.a.
W29	2 6	11 35	5 7	5 57	1 9	7 39	1 26	12 45	1 5	7 29	1 12	24 24	1 0	22 14	0 49	24 19	0 33	7 14	8 7	15 46	16 11	20 23			n.a.
T 30	2 31	14 56	5 5	5 16	1 2	7 7	1 25	12 40	1 8	7 24	1 12	24 24	1 0	22 13	0 49	24 19	0 33	7 13	8 6	15 48	16 12	20 23			n.a.
F 31	2s55	17n34	4s49	4n34	0n55	6n36	1n23	12n36	1n10	7n19	1n12	24s25	1s 0	22n13	0n49	24n19	0n33	7n12	8n 6	15n50	16n13	20n24			n.a.

Julian Day Number = 201160.5, Delta T = 32h09m58s
Ecliptic obliquity = 24°06'44, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'22, Lahiri = -61°08'22 Julian Calendar 1 Oct. 4163 BCE == Greg. Calendar 29 Aug. 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

NOVEMBER 4163 BCE (-4162) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 31 22	8♎11'49	20♊23	22♍19	18♍ 7	28°R54	14♍53	16♐45	26♋38	20°R27	0♎32	18°R 0	16♌48	0♋50	n.a.	S 1
S 2	0 35 19	9°13'12	2♋14	23°48	19°22	28♈34	15° 6	16°49	26°40	20♊27	0°34	17♌58	16°45	0°56	n.a.	S 2
M 3	0 39 15	10°14'34	14° 3	25°17	20°37	28°14	15°19	16°54	26°42	20°27	0°36	17°D58	16°42	1° 3	n.a.	M 3
T 4	0 43 12	11°15'56	25°57	26°47	21°53	27°53	15°32	16°58	26°43	20°26	0°38	17°59	16°39	1°10	n.a.	T 4
W 5	0 47 8	12°17'18	7♌59	28°17	23° 8	27°32	15°45	17° 3	26°45	20°26	0°41	18° 0	16°35	1°16	n.a.	W 5
T 6	0 51 5	13°18'40	20°16	29°48	24°24	27°10	15°58	17° 8	26°46	20°26	0°43	18°R 0	16°32	1°23	n.a.	T 6
F 7	0 55 2	14°20'01	2♍52	1♎19	25°39	26°47	16°11	17°12	26°48	20°25	0°45	17°59	16°29	1°30	n.a.	F 7
S 8	0 58 58	15°21'21	15°48	2°51	26°54	26°25	16°24	17°17	26°49	20°25	0°47	17°56	16°26	1°36	n.a.	S 8
S 9	1 2 55	16°22'41	29° 8	4°23	28° 9	26° 2	16°36	17°22	26°51	20°24	0°49	17°49	16°23	1°43	n.a.	S 9
M10	1 6 51	17°24'01	12♎51	5°56	29°25	25°38	16°49	17°27	26°52	20°24	0°52	17°41	16°19	1°50	n.a.	M10
T 11	1 10 48	18°25'19	26°52	7°29	0♎40	25°15	17° 2	17°32	26°53	20°23	0°54	17°31	16°16	1°56	n.a.	T 11
W12	1 14 44	19°26'37	11♏ 9	9° 2	1°55	24°51	17°14	17°38	26°55	20°23	0°56	17°20	16°13	2° 3	n.a.	W12
T 13	1 18 41	20°27'54	25°34	10°36	3°11	24°27	17°27	17°43	26°56	20°22	0°58	17°10	16°10	2°10	n.a.	T 13
F 14	1 22 38	21°29'09	10♐ 2	12°11	4°26	24° 3	17°39	17°48	26°57	20°21	1° 0	17° 2	16° 7	2°17	n.a.	F 14
S 15	1 26 34	22°30'24	24°26	13°46	5°41	23°39	17°52	17°54	26°58	20°21	1° 2	16°56	16° 4	2°23	n.a.	S 15
S 16	1 30 31	23°31'37	8♑43	15°21	6°56	23°14	18° 4	17°59	26°59	20°20	1° 5	16°53	16° 0	2°30	n.a.	S 16
M17	1 34 27	24°32'50	22°50	16°57	8°11	22°50	18°16	18° 5	27° 0	20°19	1° 7	16°D52	15°57	2°37	n.a.	M17
T 18	1 38 24	25°34'00	6♒47	18°33	9°27	22°26	18°29	18°10	27° 1	20°19	1° 9	16°53	15°54	2°43	n.a.	T 18
W19	1 42 20	26°35'09	20°33	20°10	10°42	22° 2	18°41	18°16	27° 2	20°18	1°11	16°R53	15°51	2°50	n.a.	W19
T 20	1 46 17	27°36'17	4♓ 9	21°48	11°57	21°39	18°53	18°22	27° 3	20°17	1°13	16°52	15°48	2°57	n.a.	T 20
F 21	1 50 14	28°37'23	17°35	23°26	13°12	21°15	19° 5	18°27	27° 3	20°16	1°15	16°48	15°45	3° 3	n.a.	F 21
S 22	1 54 10	29°38'28	0♈51	25° 5	14°27	20°52	19°17	18°33	27° 4	20°15	1°17	16°41	15°41	3°10	n.a.	S 22
S 23	1 58 7	0♏39'32	13°56	26°44	15°42	20°29	19°29	18°39	27° 5	20°14	1°19	16°32	15°38	3°17	n.a.	S 23
M24	2 2 3	1°40'34	26°50	28°24	16°57	20° 6	19°41	18°45	27° 5	20°13	1°21	16°20	15°35	3°23	n.a.	M24
T 25	2 6 0	2°41'34	9♉32	0♏ 5	18°12	19°44	19°53	18°51	27° 6	20°12	1°23	16° 6	15°32	3°30	n.a.	T 25
W26	2 9 56	3°42'34	22° 0	1°46	19°27	19°22	20° 4	18°58	27° 6	20°11	1°25	15°53	15°29	3°37	n.a.	W26
T 27	2 13 53	4°43'32	4♊17	3°28	20°43	19° 1	20°16	19° 4	27° 7	20°10	1°27	15°40	15°25	3°43	n.a.	T 27
F 28	2 17 50	5°44'29	16°22	5°11	21°58	18°40	20°27	19°10	27° 7	20° 9	1°29	15°29	15°22	3°50	n.a.	F 28
S 29	2 21 46	6°45'25	28°17	6°54	23°13	18°20	20°39	19°16	27° 7	20° 8	1°31	15°20	15°19	3°57	n.a.	S 29
S 30	2 25 43	7♏46'19	10♋ 7	8♏38	24♎28	18♈ 0	20♍50	19♐23	27♋ 7	20♊ 7	1♎33	15♌15	15♌16	4♋ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s20	19n25	4 s21	3n52	0n48	6n 5	1n22	12n31	1n13	7n13	1n12	24 s25	1 s 0	22n13	0n49	24n19	0n33	7n11	8n 6	15n52	16n14	20n24		n.a.
S 2	3 45	20 24	3 41	3 9	0 41	5 33	1 21	12 26	1 15	7 8	1 12	24 26	1 0	22 12	0 49	24 19	0 33	7 10	8 6	15 52	16 15	20 25		n.a.
M 3	4 10	20 29	2 52	2 27	0 34	5 1	1 19	12 21	1 18	7 3	1 12	24 26	1 0	22 12	0 49	24 19	0 33	7 9	8 6	15 52	16 16	20 25		n.a.
T 4	4 35	19 39	1 56	1 44	0 27	4 29	1 18	12 15	1 20	6 58	1 12	24 26	1 0	22 12	0 49	24 19	0 33	7 8	8 6	15 52	16 17	20 26		n.a.
W 5	4 59	17 55	0 54	1 1	0 21	3 57	1 16	12 10	1 23	6 53	1 12	24 27	0 59	22 12	0 49	24 19	0 33	7 7	8 6	15 52	16 18	20 27		n.a.
T 6	5 24	15 20	0n12	0 17	0 14	3 25	1 14	12 4	1 25	6 48	1 12	24 27	0 59	22 11	0 49	24 19	0 33	7 6	8 6	15 52	16 19	20 27		n.a.
F 7	5 48	11 58	1 19	0 s26	0 7	2 53	1 13	11 58	1 27	6 42	1 12	24 28	0 59	22 11	0 49	24 19	0 33	7 5	8 6	15 52	16 20	20 28		n.a.
S 8	6 13	7 56	2 23	1 10	0 0	2 21	1 11	11 51	1 30	6 37	1 12	24 28	0 59	22 11	0 49	24 19	0 34	7 4	8 6	15 53	16 21	20 28		n.a.
S 9	6 37	3 25	3 22	1 53	0 s 6	1 49	1 9	11 45	1 32	6 32	1 12	24 29	0 59	22 11	0 49	24 19	0 34	7 3	8 6	15 55	16 22	20 29		n.a.
M10	7 1	1 s23	4 10	2 37	0 13	1 16	1 8	11 38	1 34	6 27	1 13	24 29	0 59	22 10	0 49	24 19	0 34	7 2	8 6	15 58	16 23	20 29		n.a.
T 11	7 25	6 14	4 44	3 21	0 19	0 44	1 6	11 31	1 37	6 22	1 13	24 30	0 59	22 10	0 49	24 19	0 34	7 1	8 6	16 1	16 24	20 30		n.a.
W12	7 49	10 49	5 2	4 4	0 26	0 11	1 4	11 25	1 39	6 17	1 13	24 30	0 59	22 10	0 49	24 19	0 34	7 0	8 6	16 4	16 25	20 30		n.a.
T 13	8 13	14 50	5 0	4 48	0 32	0 s21	1 2	11 18	1 41	6 12	1 13	24 31	0 59	22 10	0 49	24 19	0 34	7 0	8 6	16 7	16 26	20 31		n.a.
F 14	8 36	17 58	4 40	5 32	0 38	0 54	1 0	11 10	1 43	6 7	1 13	24 31	0 59	22 10	0 49	24 19	0 34	6 59	8 6	16 10	16 27	20 31		n.a.
S 15	9 0	19 58	4 2	6 15	0 44	1 26	0 58	11 3	1 45	6 2	1 13	24 32	0 59	22 9	0 49	24 19	0 34	6 58	8 6	16 12	16 28	20 32		n.a.
S 16	9 23	20 41	3 8	6 58	0 50	1 59	0 56	10 56	1 47	5 57	1 13	24 32	0 59	22 9	0 49	24 19	0 34	6 57	8 6	16 13	16 29	20 32		n.a.
M17	9 46	20 5	2 4	7 42	0 56	2 31	0 54	10 48	1 49	5 52	1 13	24 33	0 59	22 9	0 49	24 19	0 34	6 56	8 6	16 13	16 30	20 33		n.a.
T 18	10 9	18 14	0 54	8 25	1 1	3 3	0 52	10 41	1 51	5 48	1 13	24 33	0 59	22 9	0 49	24 19	0 34	6 55	8 6	16 13	16 31	20 33		n.a.
W19	10 32	15 21	0 s20	9 7	1 7	3 35	0 50	10 34	1 53	5 43	1 13	24 34	0 59	22 9	0 50	24 19	0 34	6 54	8 6	16 13	16 32	20 34		n.a.
T 20	10 55	11 40	1 30	9 50	1 12	4 8	0 48	10 26	1 55	5 38	1 13	24 34	0 59	22 9	0 50	24 18	0 34	6 54	8 6	16 13	16 33	20 35		n.a.
F 21	11 17	7 25	2 35	10 32	1 17	4 40	0 45	10 19	1 57	5 33	1 13	24 35	0 59	22 9	0 50	24 18	0 34	6 53	8 6	16 14	16 34	20 35		n.a.
S 22	11 39	2 52	3 31	11 14	1 22	5 11	0 43	10 11	1 59	5 28	1 13	24 35	0 59	22 9	0 50	24 18	0 34	6 52	8 6	16 16	16 35	20 35		n.a.
S 23	12 1	1n46	4 14	11 55	1 26	5 43	0 41	10 4	2 0	5 23	1 13	24 36	0 59	22 9	0 50	24 18	0 34	6 51	8 6	16 19	16 36	20 36		n.a.
M24	12 23	6 14	4 44	12 36	1 30	6 15	0 39	9 57	2 2	5 19	1 13	24 37	0 59	22 9	0 50	24 18	0 34	6 50	8 6	16 23	16 37	20 36		n.a.
T 25	12 45	10 22	4 59	13 17	1 34	6 46	0 36	9 50	2 4	5 14	1 13	24 37	1 0	22 8	0 50	24 18	0 34	6 50	8 6	16 27	16 38	20 37		n.a.
W26	13 6	13 58	4 59	13 57	1 38	7 18	0 34	9 43	2 5	5 9	1 13	24 38	1 0	22 8	0 50	24 18	0 34	6 49	8 6	16 31	16 39	20 37		n.a.
T 27	13 27	16 56	4 45	14 36	1 41	7 49	0 32	9 36	2 7	5 5	1 13	24 38	1 0	22 8	0 50	24 18	0 34	6 48	8 6	16 35	16 40	20 38		n.a.
F 28	13 48	19 6	4 19	15 15	1 45	8 20	0 30	9 29	2 8	5 0	1 13	24 39	1 0	22 8	0 50	24 18	0 34	6 47	8 6	16 39	16 41	20 38		n.a.
S 29	14 9	20 25	3 41	15 53	1 47	8 51	0 27	9 22	2 9	4 56	1 13	24 39	1 0	22 8	0 50	24 18	0 34	6 47	8 6	16 41	16 42	20 39		n.a.
S 30	14 s29	20n49	2 s54	16 s30	1 s50	9 s21	0n25	9n15	2n11	4n51	1n14	24 s40	1 s 0	22n 8	0n50	24n18	0n34	6n46	8n 6	16n43	16n43	20n39		n.a.

Julian Day Number = 201191.5, Delta T = 32h09m54s
Ecliptic obliquity = 24°06'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'18, Lahiri = -61°08'18 Julian Calendar 1 Nov. 4163 BCE == Greg. Calendar 29 Sept. 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4163 BCE
geocentric

DECEMBER 4163 BCE (-4162) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 29 39	8♏47'12	21♋55	10♏23	25♎43	17°R41	21♍ 1	19♐29	27♋ 8	20°R 6	1♎35	15°R12	15♌13	4♋10	n.a.	M 1
T 2	2 33 36	9°48'04	3♌47	12° 8	26°57	17♈23	21°13	19°36	27° 8	20♊ 5	1°37	15♌11	15°10	4°17	n.a.	T 2
W 3	2 37 32	10°48'55	15°47	13°54	28°12	17° 5	21°24	19°42	27° 8	20° 4	1°39	15°11	15° 6	4°24	n.a.	W 3
T 4	2 41 29	11°49'44	28° 2	15°41	29°27	16°48	21°35	19°49	27°R 8	20° 2	1°40	15°10	15° 3	4°30	n.a.	T 4
F 5	2 45 26	12°50'32	10♍36	17°28	0♏42	16°31	21°46	19°56	27° 8	20° 1	1°42	15° 9	15° 0	4°37	n.a.	F 5
S 6	2 49 22	13°51'18	23°34	19°16	1°57	16°15	21°57	20° 2	27° 8	20° 0	1°44	15° 5	14°57	4°44	n.a.	S 6
S 7	2 53 19	14°52'03	7♎ 0	21° 4	3°12	16° 0	22° 7	20° 9	27° 8	19°59	1°46	14°58	14°54	4°50	n.a.	S 7
M 8	2 57 15	15°52'46	20°53	22°52	4°27	15°46	22°18	20°16	27° 7	19°57	1°48	14°48	14°50	4°57	n.a.	M 8
T 9	3 1 12	16°53'28	5♏11	24°41	5°42	15°32	22°29	20°23	27° 7	19°56	1°49	14°37	14°47	5° 4	n.a.	T 9
W10	3 5 8	17°54'08	19°50	26°30	6°57	15°19	22°39	20°30	27° 7	19°55	1°51	14°24	14°44	5°10	n.a.	W10
T 11	3 9 5	18°54'46	4♐41	28°20	8°11	15° 7	22°49	20°37	27° 6	19°53	1°53	14°12	14°41	5°17	n.a.	T 11
F 12	3 13 2	19°55'22	19°36	0♐ 9	9°26	14°56	23° 0	20°43	27° 6	19°52	1°54	14° 3	14°38	5°24	n.a.	F 12
S 13	3 16 58	20°55'57	4♑25	1°57	10°41	14°46	23°10	20°51	27° 5	19°50	1°56	13°56	14°35	5°30	n.a.	S 13
S 14	3 20 55	21°56'29	19° 2	3°45	11°56	14°36	23°20	20°58	27° 5	19°49	1°58	13°51	14°31	5°37	n.a.	S 14
M15	3 24 51	22°56'59	3♒23	5°32	13°11	14°27	23°30	21° 5	27° 4	19°48	1°59	13°50	14°28	5°44	n.a.	M15
T 16	3 28 48	23°57'27	17°24	7°18	14°25	14°19	23°40	21°12	27° 4	19°46	2° 1	13°49	14°25	5°50	n.a.	T 16
W17	3 32 44	24°57'52	1♓ 7	9° 3	15°40	14°12	23°49	21°19	27° 3	19°45	2° 2	13°49	14°22	5°57	n.a.	W17
T 18	3 36 41	25°58'15	14°33	10°45	16°55	14° 6	23°59	21°26	27° 2	19°43	2° 4	13°48	14°19	6° 4	n.a.	T 18
F 19	3 40 38	26°58'36	27°43	12°25	18° 9	14° 0	24° 9	21°33	27° 1	19°42	2° 5	13°45	14°16	6°10	n.a.	F 19
S 20	3 44 34	27°58'55	10♈40	14° 2	19°24	13°55	24°18	21°41	27° 1	19°40	2° 7	13°39	14°12	6°17	n.a.	S 20
S 21	3 48 31	28°59'11	23°25	15°35	20°39	13°51	24°27	21°48	27° 0	19°39	2° 8	13°29	14° 9	6°24	n.a.	S 21
M22	3 52 27	29°59'25	6♉ 0	17° 5	21°53	13°48	24°36	21°55	26°59	19°37	2°10	13°18	14° 6	6°30	n.a.	M22
T 23	3 56 24	0♐59'37	18°24	18°29	23° 8	13°45	24°45	22° 3	26°58	19°36	2°11	13° 5	14° 3	6°37	n.a.	T 23
W24	4 0 20	1°59'47	0♊39	19°48	24°22	13°44	24°54	22°10	26°57	19°34	2°12	12°52	14° 0	6°44	n.a.	W24
T 25	4 4 17	2°59'55	12°45	21° 1	25°37	13°43	25° 3	22°18	26°56	19°33	2°14	12°39	13°56	6°50	n.a.	T 25
F 26	4 8 13	4° 0'01	24°44	22° 8	26°52	13°D42	25°12	22°25	26°54	19°31	2°15	12°28	13°53	6°57	n.a.	F 26
S 27	4 12 10	5° 0'05	6♋36	23° 7	28° 6	13°43	25°20	22°32	26°53	19°29	2°16	12°20	13°50	7° 4	n.a.	S 27
S 28	4 16 7	6° 0'06	18°24	23°58	29°21	13°44	25°29	22°40	26°52	19°28	2°18	12°14	13°47	7°10	n.a.	S 28
M29	4 20 3	7° 0'06	0♌12	24°41	0♐35	13°46	25°37	22°47	26°51	19°26	2°19	12°11	13°44	7°17	n.a.	M29
T 30	4 24 0	8° 0'04	12° 3	25°16	1°50	13°49	25°45	22°55	26°49	19°25	2°20	12°D11	13°41	7°24	n.a.	T 30
W31	4 27 56	8♐59'59	24♌ 2	25♐41	3♐ 4	13♈52	25♍53	23♐ 3	26♋48	19♊23	2♎21	12♌11	13♌37	7♋30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	14s50	20n18	2s 0	17s 7	1s52	9s52	0n22	9n 9	2n12	4n47	1n14	24s40	1s 0	22n 8	0n50	24n18	0n34	6n45	8n 6	16n44	16n44	20n40			n.a.
T 2	15 9	18 53	1 0	17 42	1 53	10 22	0 20	9 3	2 13	4 42	1 14	24 41	1 0	22 8	0 50	24 18	0 34	6 44	8 6	16 44	16 45	20 40			n.a.
W 3	15 29	16 36	0n 3	18 16	1 55	10 52	0 18	8 57	2 14	4 38	1 14	24 41	1 0	22 8	0 50	24 18	0 34	6 44	8 7	16 44	16 45	20 41			n.a.
T 4	15 48	13 33	1 8	18 50	1 55	11 21	0 15	8 51	2 15	4 33	1 14	24 42	1 0	22 8	0 50	24 18	0 34	6 43	8 7	16 44	16 46	20 41			n.a.
F 5	16 8	9 48	2 10	19 22	1 56	11 50	0 13	8 45	2 16	4 29	1 14	24 43	1 0	22 9	0 50	24 18	0 34	6 42	8 7	16 45	16 47	20 42			n.a.
S 6	16 26	5 29	3 8	19 53	1 55	12 19	0 11	8 40	2 17	4 25	1 14	24 43	1 0	22 9	0 50	24 18	0 34	6 42	8 7	16 46	16 48	20 42			n.a.
S 7	16 45	0 46	3 58	20 22	1 55	12 48	0 8	8 35	2 18	4 20	1 14	24 44	1 0	22 9	0 50	24 18	0 34	6 41	8 7	16 48	16 49	20 42			n.a.
M 8	17 3	4s 8	4 35	20 50	1 53	13 16	0 6	8 30	2 19	4 16	1 14	24 44	1 0	22 9	0 50	24 17	0 34	6 40	8 7	16 51	16 50	20 43			n.a.
T 9	17 21	8 58	4 56	21 16	1 51	13 44	0 3	8 25	2 20	4 12	1 14	24 45	1 0	22 9	0 51	24 17	0 34	6 40	8 7	16 54	16 51	20 43			n.a.
W10	17 39	13 24	4 59	21 41	1 49	14 12	0 1	8 21	2 21	4 8	1 14	24 45	1 0	22 9	0 51	24 17	0 34	6 39	8 7	16 58	16 52	20 44			n.a.
T 11	17 56	17 3	4 42	22 3	1 46	14 39	0s 1	8 17	2 21	4 4	1 15	24 46	1 0	22 9	0 51	24 17	0 34	6 39	8 7	17 2	16 53	20 44			n.a.
F 12	18 13	19 37	4 5	22 24	1 42	15 6	0 4	8 13	2 22	4 0	1 15	24 46	1 0	22 9	0 51	24 17	0 35	6 38	8 7	17 5	16 54	20 45			n.a.
S 13	18 29	20 50	3 12	22 43	1 37	15 33	0 6	8 9	2 22	3 56	1 15	24 47	1 0	22 9	0 51	24 17	0 35	6 37	8 7	17 7	16 55	20 45			n.a.
S 14	18 46	20 37	2 7	22 59	1 32	15 59	0 9	8 6	2 23	3 52	1 15	24 47	1 0	22 10	0 51	24 17	0 35	6 37	8 7	17 8	16 56	20 45			n.a.
M15	19 2	19 3	0 55	23 14	1 25	16 24	0 11	8 3	2 23	3 48	1 15	24 48	1 0	22 10	0 51	24 17	0 35	6 36	8 8	17 8	16 57	20 46			n.a.
T 16	19 17	16 21	0s19	23 26	1 18	16 49	0 13	8 0	2 24	3 44	1 15	24 48	1 0	22 10	0 51	24 17	0 35	6 36	8 8	17 9	16 58	20 46			n.a.
W17	19 32	12 47	1 30	23 35	1 10	17 14	0 16	7 57	2 24	3 40	1 15	24 49	1 0	22 10	0 51	24 17	0 35	6 35	8 8	17 9	16 59	20 47			n.a.
T 18	19 47	8 37	2 35	23 42	1 2	17 39	0 18	7 55	2 25	3 36	1 15	24 50	1 0	22 10	0 51	24 17	0 35	6 35	8 8	17 9	17 0	20 47			n.a.
F 19	20 2	4 8	3 30	23 47	0 52	18 2	0 20	7 53	2 25	3 32	1 15	24 50	1 0	22 10	0 51	24 17	0 35	6 34	8 8	17 10	17 1	20 47			n.a.
S 20	20 16	0n28	4 13	23 49	0 42	18 26	0 22	7 52	2 25	3 28	1 15	24 51	1 0	22 11	0 51	24 16	0 35	6 34	8 8	17 12	17 2	20 48			n.a.
S 21	20 30	4 58	4 43	23 49	0 30	18 49	0 25	7 50	2 26	3 25	1 16	24 51	1 0	22 11	0 51	24 16	0 35	6 33	8 8	17 14	17 3	20 48			n.a.
M22	20 43	9 12	4 59	23 46	0 18	19 11	0 27	7 49	2 26	3 21	1 16	24 52	1 0	22 11	0 51	24 16	0 35	6 33	8 8	17 18	17 4	20 48			n.a.
T 23	20 56	12 59	5 0	23 41	0 5	19 33	0 29	7 48	2 26	3 18	1 16	24 52	1 0	22 11	0 51	24 16	0 35	6 32	8 9	17 22	17 5	20 49			n.a.
W24	21 8	16 11	4 47	23 34	0n 8	19 54	0 31	7 48	2 26	3 14	1 16	24 53	1 0	22 12	0 51	24 16	0 35	6 32	8 9	17 26	17 5	20 49			n.a.
T 25	21 21	18 39	4 21	23 25	0 23	20 15	0 33	7 47	2 26	3 11	1 16	24 53	1 0	22 12	0 51	24 16	0 35	6 31	8 9	17 29	17 6	20 50			n.a.
F 26	21 32	20 16	3 44	23 14	0 38	20 35	0 35	7 47	2 26	3 7	1 16	24 54	1 0	22 12	0 51	24 16	0 35	6 31	8 9	17 32	17 7	20 50			n.a.
S 27	21 44	20 59	2 58	23 2	0 53	20 54	0 38	7 48	2 26	3 4	1 16	24 54	1 0	22 12	0 51	24 16	0 35	6 31	8 9	17 35	17 8	20 50			n.a.
S 28	21 55	20 46	2 3	22 49	1 9	21 13	0 40	7 48	2 26	3 1	1 16	24 55	1 0	22 13	0 51	24 16	0 35	6 30	8 9	17 36	17 9	20 51			n.a.
M29	22 5	19 39	1 4	22 35	1 26	21 31	0 42	7 49	2 26	2 57	1 17	24 55	1 1	22 13	0 51	24 15	0 35	6 30	8 9	17 37	17 10	20 51			n.a.
T 30	22 15	17 39	0 1	22 19	1 42	21 49	0 44	7 50	2 26	2 54	1 17	24 55	1 1	22 13	0 52	24 15	0 35	6 29	8 10	17 37	17 11	20 51			n.a.
W31	22s25	14n52	1n 3	22s 4	1n58	22s 6	0s46	7n52	2n26	2n51	1n17	24s56	1s 1	22n14	0n52	24n15	0n35	6n29	8n10	17n37	17n12	20n52			n.a.

Julian Day Number = 201221.5, Delta T = 32h09m51s
Ecliptic obliquity = 24°06'44, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'14, Lahiri = -61°08'14 Julian Calendar 1 Dec. 4163 BCE == Greg. Calendar 29 Oct. 4163 BCE

The year -4162 astronomical counting style corresponds to year 4163 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

JANUARY 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 31 53	9♐59'53	6♍15	25♐58	4♐19	13♈56	26♍ 1	23♐10	26°R46	19°R21	2♎22	12°R12	13♌34	7♋37	n.a.	T 1
F 2	4 35 49	10°59'45	18°45	26°R 5	5°33	14° 1	26° 9	23°18	26♋45	19♊20	2°24	12♌11	13°31	7°44	n.a.	F 2
S 3	4 39 46	11°59'34	1♎39	26° 2	6°48	14° 7	26°17	23°25	26°43	19°18	2°25	12°10	13°28	7°50	n.a.	S 3
S 4	4 43 42	12°59'22	15° 1	25°51	8° 2	14°13	26°24	23°33	26°42	19°16	2°26	12° 5	13°25	7°57	n.a.	S 4
M 5	4 47 39	13°59'08	28°52	25°31	9°16	14°19	26°31	23°41	26°40	19°15	2°27	11°59	13°22	8° 4	n.a.	M 5
T 6	4 51 35	14°58'52	13♏12	25° 4	10°31	14°27	26°39	23°48	26°39	19°13	2°28	11°51	13°18	8°11	n.a.	T 6
W 7	4 55 32	15°58'34	27°57	24°28	11°45	14°35	26°46	23°56	26°37	19°11	2°29	11°42	13°15	8°17	n.a.	W 7
T 8	4 59 29	16°58'14	13♐ 0	23°47	13° 0	14°43	26°53	24° 4	26°35	19°10	2°30	11°33	13°12	8°24	n.a.	T 8
F 9	5 3 25	17°57'51	28°11	23° 0	14°14	14°53	26°59	24°11	26°33	19° 8	2°30	11°26	13° 9	8°31	n.a.	F 9
S 10	5 7 22	18°57'26	13♑20	22° 8	15°28	15° 2	27° 6	24°19	26°32	19° 6	2°31	11°21	13° 6	8°37	n.a.	S 10
S 11	5 11 18	19°56'59	28°18	21°14	16°43	15°13	27°12	24°27	26°30	19° 5	2°32	11°18	13° 2	8°44	n.a.	S 11
M12	5 15 15	20°56'29	12♒57	20°17	17°57	15°24	27°19	24°34	26°28	19° 3	2°33	11°D17	12°59	8°51	n.a.	M12
T 13	5 19 11	21°55'57	27°13	19°20	19°11	15°35	27°25	24°42	26°26	19° 1	2°34	11°18	12°56	8°57	n.a.	T 13
W14	5 23 8	22°55'22	11♓ 5	18°24	20°26	15°47	27°31	24°50	26°24	19° 0	2°35	11°19	12°53	9° 4	n.a.	W14
T 15	5 27 4	23°54'44	24°34	17°29	21°40	16° 0	27°37	24°58	26°22	18°58	2°35	11°R20	12°50	9°11	n.a.	T 15
F 16	5 31 1	24°54'04	7♈41	16°37	22°54	16°13	27°42	25° 5	26°20	18°56	2°36	11°19	12°47	9°17	n.a.	F 16
S 17	5 34 57	25°53'21	20°30	15°49	24° 9	16°27	27°48	25°13	26°18	18°55	2°37	11°16	12°43	9°24	n.a.	S 17
S 18	5 38 54	26°52'36	3♉ 4	15° 5	25°23	16°41	27°53	25°21	26°16	18°53	2°37	11°11	12°40	9°31	n.a.	S 18
M19	5 42 51	27°51'48	15°25	14°27	26°37	16°55	27°58	25°28	26°14	18°52	2°38	11° 5	12°37	9°37	n.a.	M19
T 20	5 46 47	28°50'58	27°36	13°53	27°51	17°10	28° 3	25°36	26°12	18°50	2°38	10°57	12°34	9°44	n.a.	T 20
W21	5 50 44	29°50'05	9♊39	13°25	29° 6	17°26	28° 8	25°44	26° 9	18°48	2°39	10°49	12°31	9°51	n.a.	W21
T 22	5 54 40	0♑49'10	21°36	13° 3	0♑20	17°42	28°13	25°52	26° 7	18°47	2°39	10°42	12°28	9°57	n.a.	T 22
F 23	5 58 37	1°48'12	3♋28	12°47	1°34	17°58	28°18	25°59	26° 5	18°45	2°40	10°36	12°24	10° 4	n.a.	F 23
S 24	6 2 33	2°47'13	15°17	12°37	2°48	18°15	28°22	26° 7	26° 3	18°43	2°40	10°31	12°21	10°11	n.a.	S 24
S 25	6 6 30	3°46'11	27° 6	12°D33	4° 2	18°33	28°26	26°15	26° 1	18°42	2°41	10°28	12°18	10°17	n.a.	S 25
M26	6 10 26	4°45'07	8♌56	12°35	5°16	18°50	28°30	26°22	25°58	18°40	2°41	10°D27	12°15	10°24	n.a.	M26
T 27	6 14 23	5°44'00	20°50	12°42	6°30	19° 8	28°34	26°30	25°56	18°39	2°41	10°28	12°12	10°31	n.a.	T 27
W28	6 18 19	6°42'52	2♍53	12°54	7°45	19°27	28°38	26°38	25°54	18°37	2°42	10°29	12° 8	10°37	n.a.	W28
T 29	6 22 16	7°41'42	15° 7	13°11	8°59	19°46	28°41	26°45	25°51	18°36	2°42	10°31	12° 5	10°44	n.a.	T 29
F 30	6 26 12	8°40'29	27°38	13°34	10°13	20° 5	28°45	26°53	25°49	18°34	2°42	10°32	12° 2	10°51	n.a.	F 30
S 31	6 30 9	9♑39'15	10♎29	14♐ 0	11♑27	20♈25	28♍48	27♐ 0	25♋46	18♊32	2♎42	10°R33	11♌59	10♋57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s34	11n24	2n 5	21s48	2n15	22s23	0s47	7n53	2n26	2n48	1n17	24s56	1s 1	22n14	0n52	24n15	0n35	6n29	8n10	17n37	17n13	20n52		n.a.
F 2	22 43	7 21	3 3	21 33	2 31	22 38	0 49	7 55	2 26	2 45	1 17	24 57	1 1	22 14	0 52	24 15	0 35	6 28	8 10	17 37	17 14	20 52		n.a.
S 3	22 52	2 52	3 53	21 17	2 46	22 54	0 51	7 57	2 26	2 42	1 17	24 57	1 1	22 15	0 52	24 15	0 35	6 28	8 10	17 38	17 15	20 53		n.a.
S 4	23 0	1s54	4 33	21 3	3 0	23 8	0 53	7 59	2 26	2 39	1 17	24 58	1 1	22 15	0 52	24 15	0 35	6 28	8 10	17 39	17 16	20 53		n.a.
M 5	23 7	6 45	4 58	20 49	3 14	23 22	0 55	8 2	2 26	2 36	1 17	24 58	1 1	22 15	0 52	24 15	0 35	6 28	8 10	17 41	17 17	20 53		n.a.
T 6	23 14	11 23	5 6	20 35	3 26	23 35	0 56	8 5	2 26	2 33	1 18	24 59	1 1	22 16	0 52	24 15	0 35	6 27	8 11	17 43	17 18	20 53		n.a.
W 7	23 21	15 30	4 54	20 23	3 37	23 47	0 58	8 8	2 26	2 30	1 18	24 59	1 1	22 16	0 52	24 14	0 35	6 27	8 11	17 46	17 19	20 54		n.a.
T 8	23 27	18 41	4 21	20 12	3 46	23 59	1 0	8 11	2 25	2 28	1 18	25 0	1 1	22 16	0 52	24 14	0 35	6 27	8 11	17 48	17 20	20 54		n.a.
F 9	23 33	20 36	3 30	20 2	3 53	24 10	1 1	8 15	2 25	2 25	1 18	25 0	1 1	22 17	0 52	24 14	0 35	6 27	8 11	17 50	17 20	20 54		n.a.
S 10	23 38	21 2	2 25	19 54	3 59	24 20	1 3	8 18	2 25	2 22	1 18	25 0	1 1	22 17	0 52	24 14	0 35	6 26	8 11	17 52	17 21	20 55		n.a.
S 11	23 43	19 57	1 9	19 47	4 2	24 30	1 4	8 22	2 25	2 20	1 18	25 1	1 1	22 18	0 52	24 14	0 35	6 26	8 11	17 52	17 22	20 55		n.a.
M12	23 47	17 32	0s 9	19 42	4 4	24 38	1 6	8 26	2 25	2 18	1 18	25 1	1 1	22 18	0 52	24 14	0 35	6 26	8 12	17 53	17 23	20 55		n.a.
T 13	23 51	14 6	1 25	19 38	4 3	24 46	1 7	8 31	2 24	2 15	1 19	25 2	1 1	22 18	0 52	24 14	0 35	6 26	8 12	17 52	17 24	20 56		n.a.
W14	23 55	9 58	2 34	19 36	4 1	24 54	1 9	8 35	2 24	2 13	1 19	25 2	1 2	22 19	0 52	24 14	0 35	6 26	8 12	17 52	17 25	20 56		n.a.
T 15	23 58	5 27	3 32	19 35	3 56	25 0	1 10	8 40	2 24	2 11	1 19	25 2	1 2	22 19	0 52	24 13	0 35	6 26	8 12	17 52	17 26	20 56		n.a.
F 16	24 0	0 48	4 18	19 36	3 51	25 6	1 11	8 45	2 24	2 8	1 19	25 3	1 2	22 20	0 52	24 13	0 35	6 26	8 12	17 52	17 27	20 56		n.a.
S 17	24 3	3n47	4 49	19 38	3 43	25 11	1 12	8 50	2 23	2 6	1 19	25 3	1 2	22 20	0 52	24 13	0 35	6 25	8 12	17 53	17 28	20 57		n.a.
S 18	24 4	8 6	5 6	19 42	3 34	25 15	1 13	8 55	2 23	2 4	1 19	25 3	1 2	22 21	0 52	24 13	0 35	6 25	8 13	17 54	17 29	20 57		n.a.
M19	24 5	12 1	5 8	19 48	3 24	25 19	1 14	9 1	2 23	2 2	1 20	25 4	1 2	22 21	0 52	24 13	0 35	6 25	8 13	17 56	17 30	20 57		n.a.
T 20	24 6	15 22	4 56	19 55	3 13	25 21	1 15	9 7	2 22	2 0	1 20	25 4	1 2	22 22	0 52	24 13	0 35	6 25	8 13	17 58	17 31	20 57		n.a.
W21	24 7	18 3	4 31	20 3	3 1	25 23	1 16	9 12	2 22	1 58	1 20	25 5	1 2	22 22	0 52	24 13	0 35	6 25	8 13	18 0	17 32	20 58		n.a.
T 22	24 6	19 56	3 54	20 13	2 49	25 24	1 17	9 18	2 22	1 57	1 20	25 5	1 2	22 22	0 52	24 12	0 35	6 25	8 13	18 3	17 32	20 58		n.a.
F 23	24 6	20 56	3 8	20 24	2 36	25 24	1 18	9 25	2 21	1 55	1 20	25 5	1 2	22 23	0 52	24 12	0 35	6 25	8 13	18 4	17 33	20 58		n.a.
S 24	24 5	21 0	2 13	20 36	2 22	25 24	1 19	9 31	2 21	1 53	1 20	25 6	1 2	22 23	0 52	24 12	0 35	6 25	8 14	18 6	17 34	20 58		n.a.
S 25	24 3	20 9	1 12	20 48	2 9	25 23	1 20	9 37	2 21	1 52	1 20	25 6	1 2	22 24	0 52	24 12	0 35	6 25	8 14	18 6	17 35	20 59		n.a.
M26	24 1	18 24	0 8	21 2	1 55	25 21	1 20	9 44	2 20	1 50	1 21	25 6	1 3	22 24	0 52	24 12	0 35	6 25	8 14	18 7	17 36	20 59		n.a.
T 27	23 59	15 50	0n57	21 17	1 42	25 18	1 21	9 51	2 20	1 49	1 21	25 6	1 3	22 25	0 52	24 12	0 35	6 25	8 14	18 7	17 37	20 59		n.a.
W28	23 56	12 35	2 0	21 32	1 28	25 14	1 22	9 58	2 20	1 47	1 21	25 7	1 3	22 25	0 52	24 12	0 35	6 25	8 14	18 6	17 38	20 59		n.a.
T 29	23 53	8 45	2 59	21 47	1 15	25 10	1 22	10 5	2 19	1 46	1 21	25 7	1 3	22 26	0 52	24 12	0 35	6 25	8 14	18 6	17 39	20 59		n.a.
F 30	23 49	4 28	3 50	22 3	1 2	25 5	1 22	10 12	2 19	1 45	1 21	25 7	1 3	22 26	0 52	24 11	0 35	6 25	8 15	18 5	17 40	21 0		n.a.
S 31	23s45	0s 7	4n32	22s19	0n49	24s59	1s23	10n19	2n19	1n44	1n21	25s 8	1s 3	22n27	0n53	24n11	0n35	6n25	8n15	18n 5	17n41	21n 0		n.a.

Julian Day Number = 201252.5, Delta T = 32h09m48s
Ecliptic obliquity = 24°06'44, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'10, Lahiri = -61°08'10 Julian Calendar 1 Jan. 4162 BCE == Greg. Calendar 29 Nov. 4163 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

FEBRUARY 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 34 5	10♉37'58	23♎45	14♐32	12♉41	20♈45	28♍51	27♐ 8	25°R44	18°R31	2♎42	10°R32	11♌56	11♋ 4	n.a.	S 1
M 2	6 38 2	11°36'40	7♏27	15° 7	13°55	21° 5	28°54	27°16	25♋42	18♊29	2°42	10♌30	11°53	11°11	n.a.	M 2
T 3	6 41 59	12°35'20	21°38	15°46	15° 9	21°26	28°56	27°23	25°39	18°28	2°43	10°27	11°49	11°17	n.a.	T 3
W 4	6 45 55	13°33'58	6♐14	16°30	16°23	21°47	28°59	27°31	25°37	18°26	2°43	10°23	11°46	11°24	n.a.	W 4
T 5	6 49 52	14°32'34	21°11	17°16	17°37	22° 9	29° 1	27°38	25°34	18°25	2°R43	10°19	11°43	11°31	n.a.	T 5
F 6	6 53 48	15°31'08	6♉21	18° 6	18°51	22°30	29° 3	27°46	25°32	18°24	2°43	10°16	11°40	11°37	n.a.	F 6
S 7	6 57 45	16°29'40	21°35	19° 0	20° 5	22°52	29° 5	27°53	25°29	18°22	2°43	10°14	11°37	11°44	n.a.	S 7
S 8	7 1 41	17°28'10	6♒43	19°56	21°19	23°15	29° 7	28° 1	25°27	18°21	2°43	10°D14	11°34	11°51	n.a.	S 8
M 9	7 5 38	18°26'37	21°35	20°55	22°33	23°37	29° 8	28° 8	25°24	18°19	2°42	10°14	11°30	11°57	n.a.	M 9
T 10	7 9 34	19°25'02	6♓ 5	21°57	23°47	24° 0	29° 9	28°16	25°22	18°18	2°42	10°15	11°27	12° 4	n.a.	T 10
W11	7 13 31	20°23'25	20°10	23° 2	25° 1	24°24	29°11	28°23	25°19	18°17	2°42	10°16	11°24	12°11	n.a.	W11
T 12	7 17 27	21°21'45	3♈48	24° 9	26°15	24°47	29°12	28°30	25°16	18°15	2°42	10°17	11°21	12°17	n.a.	T 12
F 13	7 21 24	22°20'03	17° 1	25°18	27°29	25°11	29°12	28°38	25°14	18°14	2°42	10°R18	11°18	12°24	n.a.	F 13
S 14	7 25 20	23°18'19	29°51	26°30	28°43	25°35	29°13	28°45	25°11	18°13	2°41	10°18	11°14	12°31	n.a.	S 14
S 15	7 29 17	24°16'32	12♉22	27°45	29°57	26° 0	29°13	28°52	25° 9	18°11	2°41	10°17	11°11	12°37	n.a.	S 15
M16	7 33 13	25°14'43	24°38	29° 1	1♒11	26°25	29°14	28°59	25° 6	18°10	2°41	10°16	11° 8	12°44	n.a.	M16
T 17	7 37 10	26°12'52	6♊42	0♉20	2°25	26°50	29°R14	29° 6	25° 4	18° 9	2°40	10°14	11° 5	12°51	n.a.	T 17
W18	7 41 7	27°10'59	18°37	1°40	3°38	27°15	29°13	29°14	25° 1	18° 8	2°40	10°12	11° 2	12°57	n.a.	W18
T 19	7 45 3	28° 9'03	0♋28	3° 3	4°52	27°40	29°13	29°21	24°59	18° 6	2°40	10°10	10°59	13° 4	n.a.	T 19
F 20	7 49 0	29° 7'06	12°17	4°28	6° 6	28° 6	29°12	29°28	24°56	18° 5	2°39	10° 9	10°55	13°11	n.a.	F 20
S 21	7 52 56	0♒ 5'07	24° 6	5°54	7°20	28°32	29°12	29°35	24°53	18° 4	2°39	10° 8	10°52	13°17	n.a.	S 21
S 22	7 56 53	1° 3'05	5♌57	7°23	8°34	28°58	29°11	29°42	24°51	18° 3	2°38	10°D 7	10°49	13°24	n.a.	S 22
M23	8 0 49	2° 1'02	17°54	8°53	9°48	29°24	29°10	29°49	24°48	18° 2	2°38	10° 7	10°46	13°31	n.a.	M23
T 24	8 4 46	2°58'57	29°57	10°26	11° 1	29°51	29° 8	29°56	24°46	18° 1	2°37	10° 8	10°43	13°37	n.a.	T 24
W25	8 8 42	3°56'50	12♍ 9	12° 0	12°15	0♉18	29° 7	0♉ 3	24°43	18° 0	2°37	10° 8	10°39	13°44	n.a.	W25
T 26	8 12 39	4°54'42	24°33	13°36	13°29	0°45	29° 5	0°10	24°41	17°59	2°36	10° 9	10°36	13°51	n.a.	T 26
F 27	8 16 35	5°52'31	7♎11	15°14	14°43	1°12	29° 4	0°16	24°38	17°58	2°35	10° 9	10°33	13°57	n.a.	F 27
S 28	8 20 32	6♒50'20	20♎ 6	16♉54	15♒56	1♉40	29♍ 2	0♉23	24♋36	17♊57	2♎35	10♌10	10♌30	14♋ 4	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
S 1	23 s40	4 s50	5n 1	22 s35	0n36	24 s52	1 s23	10n27	2n18	1n43	1n22	25 s 8	1 s 3	22n27	0n53	24n11	0n35	6n25	8n15	18n 5	17n42	21n 0			n.a.	S 1
M 2	23 35	9 27	5 13	22 52	0 24	24 45	1 23	10 34	2 18	1 42	1 22	25 8	1 3	22 28	0 53	24 11	0 35	6 25	8 15	18 6	17 43	21 0			n.a.	M 2
T 3	23 30	13 44	5 8	23 8	0 12	24 36	1 24	10 42	2 17	1 41	1 22	25 8	1 3	22 28	0 53	24 11	0 35	6 26	8 15	18 7	17 43	21 0			n.a.	T 3
W 4	23 24	17 19	4 43	23 24	0 0	24 28	1 24	10 50	2 17	1 40	1 22	25 9	1 3	22 29	0 53	24 11	0 35	6 26	8 15	18 8	17 44	21 1			n.a.	W 4
T 5	23 17	19 51	3 58	23 40	0 s11	24 18	1 24	10 58	2 17	1 39	1 22	25 9	1 4	22 29	0 53	24 11	0 35	6 26	8 16	18 9	17 45	21 1			n.a.	T 5
F 6	23 11	21 2	2 56	23 55	0 22	24 8	1 24	11 6	2 16	1 39	1 22	25 9	1 4	22 30	0 53	24 11	0 35	6 26	8 16	18 10	17 46	21 1			n.a.	F 6
S 7	23 3	20 40	1 41	24 10	0 32	23 56	1 24	11 14	2 16	1 38	1 23	25 9	1 4	22 30	0 53	24 10	0 35	6 26	8 16	18 10	17 47	21 1			n.a.	S 7
S 8	22 56	18 48	0 19	24 25	0 42	23 45	1 24	11 22	2 15	1 37	1 23	25 10	1 4	22 31	0 53	24 10	0 35	6 26	8 16	18 10	17 48	21 1			n.a.	S 8
M 9	22 48	15 41	1 s 2	24 39	0 51	23 32	1 23	11 30	2 15	1 37	1 23	25 10	1 4	22 31	0 53	24 10	0 35	6 27	8 16	18 10	17 49	21 2			n.a.	M 9
T 10	22 40	11 40	2 18	24 52	1 0	23 19	1 23	11 39	2 15	1 36	1 23	25 10	1 4	22 32	0 53	24 10	0 35	6 27	8 16	18 10	17 50	21 2			n.a.	T 10
W11	22 31	7 6	3 23	25 4	1 9	23 5	1 23	11 47	2 14	1 36	1 23	25 10	1 4	22 32	0 53	24 10	0 35	6 27	8 17	18 10	17 51	21 2			n.a.	W11
T 12	22 22	2 19	4 15	25 15	1 17	22 51	1 23	11 56	2 14	1 36	1 23	25 11	1 4	22 33	0 53	24 10	0 35	6 27	8 17	18 9	17 52	21 2			n.a.	T 12
F 13	22 12	2n24	4 51	25 26	1 24	22 35	1 22	12 4	2 13	1 36	1 24	25 11	1 4	22 33	0 53	24 10	0 35	6 27	8 17	18 9	17 52	21 2			n.a.	F 13
S 14	22 2	6 54	5 11	25 35	1 31	22 19	1 22	12 13	2 13	1 36	1 24	25 11	1 5	22 33	0 53	24 10	0 35	6 28	8 17	18 9	17 53	21 2			n.a.	S 14
S 15	21 52	10 58	5 16	25 43	1 38	22 3	1 21	12 22	2 13	1 36	1 24	25 11	1 5	22 34	0 53	24 9	0 35	6 28	8 17	18 9	17 54	21 2			n.a.	S 15
M16	21 41	14 30	5 7	25 50	1 44	21 46	1 20	12 31	2 12	1 36	1 24	25 11	1 5	22 34	0 53	24 9	0 35	6 28	8 17	18 10	17 55	21 3			n.a.	M16
T 17	21 30	17 23	4 43	25 56	1 49	21 28	1 20	12 40	2 12	1 36	1 24	25 12	1 5	22 35	0 53	24 9	0 35	6 29	8 18	18 10	17 56	21 3			n.a.	T 17
W18	21 18	19 29	4 8	26 0	1 54	21 10	1 19	12 49	2 11	1 36	1 24	25 12	1 5	22 35	0 53	24 9	0 35	6 29	8 18	18 11	17 57	21 3			n.a.	W18
T 19	21 7	20 44	3 23	26 3	1 59	20 51	1 18	12 58	2 11	1 36	1 24	25 12	1 5	22 36	0 53	24 9	0 35	6 29	8 18	18 11	17 58	21 3			n.a.	T 19
F 20	20 54	21 4	2 28	26 5	2 3	20 31	1 17	13 7	2 11	1 37	1 25	25 12	1 5	22 36	0 53	24 9	0 35	6 29	8 18	18 12	17 59	21 3			n.a.	F 20
S 21	20 42	20 27	1 28	26 5	2 6	20 11	1 16	13 16	2 10	1 37	1 25	25 12	1 5	22 37	0 53	24 9	0 35	6 30	8 18	18 12	18 0	21 3			n.a.	S 21
S 22	20 29	18 56	0 23	26 3	2 9	19 50	1 15	13 25	2 10	1 38	1 25	25 12	1 6	22 37	0 53	24 9	0 35	6 30	8 18	18 12	18 1	21 3			n.a.	S 22
M23	20 16	16 35	0n43	26 0	2 12	19 29	1 14	13 35	2 9	1 38	1 25	25 12	1 6	22 38	0 53	24 9	0 35	6 30	8 18	18 12	18 1	21 3			n.a.	M23
T 24	20 2	13 29	1 48	25 55	2 14	19 7	1 13	13 44	2 9	1 39	1 25	25 13	1 6	22 38	0 53	24 9	0 35	6 31	8 19	18 12	18 2	21 3			n.a.	T 24
W25	19 48	9 47	2 49	25 48	2 15	18 45	1 12	13 53	2 8	1 39	1 25	25 13	1 6	22 39	0 53	24 8	0 35	6 31	8 19	18 12	18 3	21 4			n.a.	W25
T 26	19 34	5 37	3 43	25 39	2 16	18 22	1 11	14 3	2 8	1 40	1 25	25 13	1 6	22 39	0 53	24 8	0 35	6 32	8 19	18 12	18 4	21 4			n.a.	T 26
F 27	19 20	1 8	4 27	25 28	2 16	17 59	1 10	14 12	2 8	1 41	1 26	25 13	1 6	22 40	0 53	24 8	0 35	6 32	8 19	18 12	18 5	21 4			n.a.	F 27
S 28	19 s 5	3 s29	4n59	25 s15	2 s16	17 s35	1 s 8	14n22	2n 7	1n42	1n26	25 s13	1 s 6	22n40	0n53	24n 8	0n35	6n32	8n19	18n12	18n 6	21n 4			n.a.	S 28

Julian Day Number = 201283.5, Delta T = 32h09m44s
Ecliptic obliquity = 24°06'44, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'06, Lahiri = -61°08'05 Julian Calendar 1 Feb. 4162 BCE == Greg. Calendar 30 Dec. 4163 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

MARCH 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 24 28	7♒48'07	3♏21	18♉36	17♒10	2♉ 7	28°R59	0♉30	24°R33	17°R56	2°R34	10°R10	10♌27	14♋11	n.a.	S 1
M 2	8 28 25	8°45'52	16°58	20°19	18°24	2°35	28♏57	0°36	24♋31	17♊55	2♎33	10♌10	10°24	14°17	n.a.	M 2
T 3	8 32 21	9°43'37	0♐57	22° 5	19°37	3° 3	28°54	0°43	24°28	17°54	2°32	10°D10	10°20	14°24	n.a.	T 3
W 4	8 36 18	10°41'19	15°18	23°52	20°51	3°32	28°52	0°50	24°26	17°53	2°32	10°10	10°17	14°31	n.a.	W 4
T 5	8 40 15	11°39'01	29°59	25°41	22° 5	4° 0	28°49	0°56	24°24	17°52	2°31	10°10	10°14	14°37	n.a.	T 5
F 6	8 44 11	12°36'41	14♉53	27°32	23°18	4°29	28°46	1° 3	24°21	17°51	2°30	10°10	10°11	14°44	n.a.	F 6
S 7	8 48 8	13°34'20	29°55	29°25	24°32	4°58	28°42	1° 9	24°19	17°51	2°29	10°10	10° 8	14°51	n.a.	S 7
S 8	8 52 4	14°31'57	14♒55	1♒20	25°46	5°27	28°39	1°15	24°17	17°50	2°28	10°R10	10° 5	14°57	n.a.	S 8
M 9	8 56 1	15°29'33	29°46	3°16	26°59	5°56	28°35	1°22	24°14	17°49	2°27	10°10	10° 1	15° 4	n.a.	M 9
T 10	8 59 57	16°27'07	14♓20	5°14	28°13	6°25	28°32	1°28	24°12	17°48	2°26	10°10	9°58	15°11	n.a.	T 10
W11	9 3 54	17°24'39	28°32	7°14	29°27	6°55	28°28	1°34	24°10	17°48	2°25	10° 9	9°55	15°17	n.a.	W11
T 12	9 7 50	18°22'10	12♈18	9°16	0♓40	7°24	28°23	1°40	24° 7	17°47	2°24	10° 8	9°52	15°24	n.a.	T 12
F 13	9 11 47	19°19'39	25°38	11°20	1°54	7°54	28°19	1°46	24° 5	17°47	2°23	10° 7	9°49	15°30	n.a.	F 13
S 14	9 15 43	20°17'06	8♉33	13°24	3° 7	8°24	28°15	1°52	24° 3	17°46	2°22	10° 6	9°45	15°37	n.a.	S 14
S 15	9 19 40	21°14'32	21° 6	15°31	4°21	8°55	28°10	1°58	24° 1	17°45	2°21	10°D 6	9°42	15°44	n.a.	S 15
M16	9 23 36	22°11'56	3♊22	17°38	5°34	9°25	28° 5	2° 4	23°59	17°45	2°20	10° 6	9°39	15°50	n.a.	M16
T 17	9 27 33	23° 9'19	15°24	19°47	6°48	9°56	28° 1	2°10	23°56	17°44	2°19	10° 7	9°36	15°57	n.a.	T 17
W18	9 31 30	24° 6'40	27°17	21°56	8° 1	10°26	27°55	2°16	23°54	17°44	2°18	10° 8	9°33	16° 4	n.a.	W18
T 19	9 35 26	25° 4'00	9♋ 6	24° 7	9°15	10°57	27°50	2°22	23°52	17°43	2°17	10°10	9°30	16°10	n.a.	T 19
F 20	9 39 23	26° 1'18	20°54	26°18	10°28	11°28	27°45	2°27	23°50	17°43	2°16	10°11	9°26	16°17	n.a.	F 20
S 21	9 43 19	26°58'35	2♌46	28°28	11°42	11°59	27°39	2°33	23°48	17°43	2°14	10°12	9°23	16°24	n.a.	S 21
S 22	9 47 16	27°55'51	14°43	0♓39	12°55	12°30	27°34	2°38	23°46	17°42	2°13	10°R12	9°20	16°30	n.a.	S 22
M23	9 51 12	28°53'05	26°49	2°50	14° 8	13° 2	27°28	2°44	23°44	17°42	2°12	10°11	9°17	16°37	n.a.	M23
T 24	9 55 9	29°50'19	9♍ 5	5° 0	15°22	13°33	27°22	2°49	23°42	17°42	2°11	10° 9	9°14	16°44	n.a.	T 24
W25	9 59 5	0♓47'31	21°32	7° 9	16°35	14° 5	27°16	2°55	23°40	17°42	2°10	10° 7	9°11	16°50	n.a.	W25
T 26	10 3 2	1°44'43	4♎13	9°17	17°48	14°37	27°10	3° 0	23°39	17°41	2° 8	10° 3	9° 7	16°57	n.a.	T 26
F 27	10 6 59	2°41'53	17° 7	11°24	19° 2	15° 9	27° 4	3° 5	23°37	17°41	2° 7	10° 0	9° 4	17° 4	n.a.	F 27
S 28	10 10 55	3°39'03	0♏15	13°29	20°15	15°41	26°58	3°10	23°35	17°41	2° 6	9°57	9° 1	17°10	n.a.	S 28
S 29	10 14 52	4°36'12	13°38	15°32	21°28	16°13	26°51	3°15	23°33	17°41	2° 4	9°55	8°58	17°17	n.a.	S 29
M30	10 18 48	5°33'21	27°17	17°34	22°42	16°45	26°45	3°20	23°32	17°41	2° 3	9°54	8°55	17°24	n.a.	M30
T 31	10 22 45	6♓30'29	11♐11	19♓33	23♓55	17♉18	26♏38	3♉25	23♋30	17♊41	2♎ 2	9°D53	8♌51	17♋30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	18s50	8s 3	5n16	25s 0	2s15	17s11	1s 7	14n31	2n 7	1n43	1n26	25s13	1s 7	22n41	0n53	24n 8	0n35	6n33	8n19	18n12	18n 7	21n 4			n.a.
M 2	18 34	12 20	5 16	24 43	2 13	16 46	1 5	14 41	2 6	1 44	1 26	25 13	1 7	22 41	0 53	24 8	0 35	6 33	8 19	18 12	18 8	21 4			n.a.
T 3	18 19	16 5	4 57	24 24	2 11	16 21	1 4	14 50	2 6	1 45	1 26	25 14	1 7	22 41	0 53	24 8	0 35	6 34	8 20	18 12	18 9	21 4			n.a.
W 4	18 3	18 58	4 20	24 3	2 9	15 56	1 2	15 0	2 5	1 47	1 26	25 14	1 7	22 42	0 53	24 8	0 35	6 34	8 20	18 12	18 9	21 4			n.a.
T 5	17 46	20 41	3 25	23 39	2 5	15 30	1 1	15 9	2 5	1 48	1 26	25 14	1 7	22 42	0 53	24 8	0 35	6 34	8 20	18 12	18 10	21 4			n.a.
F 6	17 30	21 0	2 16	23 13	2 2	15 3	0 59	15 19	2 4	1 49	1 26	25 14	1 7	22 43	0 53	24 8	0 35	6 35	8 20	18 11	18 11	21 4			n.a.
S 7	17 13	19 49	0 57	22 45	1 57	14 37	0 58	15 29	2 4	1 51	1 26	25 14	1 8	22 43	0 53	24 8	0 35	6 35	8 20	18 11	18 12	21 4			n.a.
S 8	16 56	17 14	0s26	22 15	1 52	14 10	0 56	15 38	2 4	1 52	1 27	25 14	1 8	22 44	0 53	24 7	0 35	6 36	8 20	18 11	18 13	21 4			n.a.
M 9	16 38	13 32	1 47	21 42	1 47	13 42	0 54	15 48	2 3	1 54	1 27	25 14	1 8	22 44	0 53	24 7	0 35	6 36	8 20	18 11	18 14	21 4			n.a.
T 10	16 21	9 4	2 59	21 7	1 41	13 14	0 52	15 58	2 3	1 55	1 27	25 14	1 8	22 44	0 53	24 7	0 35	6 37	8 20	18 12	18 15	21 4			n.a.
W11	16 3	4 13	3 58	20 30	1 34	12 46	0 50	16 7	2 2	1 57	1 27	25 14	1 8	22 45	0 53	24 7	0 35	6 37	8 20	18 12	18 16	21 4			n.a.
T 12	15 45	0n42	4 41	19 50	1 27	12 18	0 48	16 17	2 2	1 59	1 27	25 14	1 8	22 45	0 53	24 7	0 35	6 38	8 20	18 12	18 16	21 4			n.a.
F 13	15 26	5 25	5 7	19 8	1 19	11 49	0 46	16 27	2 1	2 1	1 27	25 14	1 8	22 46	0 53	24 7	0 35	6 38	8 21	18 12	18 17	21 4			n.a.
S 14	15 8	9 45	5 17	18 24	1 11	11 20	0 44	16 36	2 1	2 2	1 27	25 15	1 9	22 46	0 53	24 7	0 35	6 39	8 21	18 12	18 18	21 4			n.a.
S 15	14 49	13 32	5 12	17 38	1 3	10 51	0 42	16 46	2 1	2 4	1 27	25 15	1 9	22 46	0 52	24 7	0 35	6 39	8 21	18 13	18 19	21 5			n.a.
M16	14 30	16 39	4 52	16 50	0 54	10 21	0 40	16 55	2 0	2 6	1 27	25 15	1 9	22 47	0 52	24 7	0 35	6 40	8 21	18 12	18 20	21 5			n.a.
T 17	14 11	18 59	4 19	16 0	0 44	9 51	0 38	17 5	2 0	2 8	1 27	25 15	1 9	22 47	0 52	24 7	0 35	6 40	8 21	18 12	18 21	21 5			n.a.
W18	13 51	20 29	3 36	15 8	0 35	9 21	0 36	17 15	1 59	2 11	1 27	25 15	1 9	22 47	0 52	24 7	0 35	6 41	8 21	18 12	18 22	21 5			n.a.
T 19	13 32	21 4	2 44	14 14	0 24	8 51	0 34	17 24	1 59	2 13	1 27	25 15	1 9	22 48	0 52	24 7	0 35	6 41	8 21	18 12	18 23	21 5			n.a.
F 20	13 12	20 43	1 45	13 20	0 14	8 20	0 32	17 34	1 58	2 15	1 27	25 15	1 10	22 48	0 52	24 7	0 35	6 42	8 21	18 11	18 23	21 5			n.a.
S 21	12 52	19 26	0 41	12 24	0 4	7 49	0 29	17 43	1 58	2 17	1 28	25 15	1 10	22 48	0 52	24 7	0 35	6 42	8 21	18 11	18 24	21 5			n.a.
S 22	12 32	17 16	0n25	11 27	0n 7	7 19	0 27	17 53	1 57	2 20	1 28	25 15	1 10	22 49	0 52	24 7	0 35	6 43	8 21	18 11	18 25	21 4			n.a.
M23	12 11	14 20	1 31	10 29	0 17	6 47	0 25	18 2	1 57	2 22	1 28	25 15	1 10	22 49	0 52	24 7	0 35	6 44	8 21	18 11	18 26	21 4			n.a.
T 24	11 51	10 44	2 33	9 31	0 28	6 16	0 23	18 12	1 56	2 24	1 28	25 15	1 10	22 49	0 52	24 7	0 35	6 44	8 21	18 12	18 27	21 4			n.a.
W25	11 30	6 38	3 29	8 33	0 38	5 45	0 20	18 21	1 56	2 27	1 28	25 15	1 11	22 50	0 52	24 7	0 35	6 45	8 21	18 12	18 28	21 4			n.a.
T 26	11 9	2 10	4 15	7 34	0 48	5 13	0 18	18 30	1 56	2 29	1 28	25 15	1 11	22 50	0 52	24 7	0 35	6 45	8 21	18 13	18 29	21 4			n.a.
F 27	10 48	2s27	4 50	6 36	0 58	4 42	0 15	18 40	1 55	2 32	1 28	25 15	1 11	22 50	0 52	24 7	0 35	6 46	8 21	18 14	18 30	21 4			n.a.
S 28	10 27	7 3	5 10	5 38	1 7	4 10	0 13	18 49	1 55	2 35	1 28	25 16	1 11	22 51	0 52	24 7	0 35	6 46	8 22	18 15	18 30	21 4			n.a.
S 29	10 5	11 23	5 14	4 41	1 17	3 38	0 10	18 58	1 54	2 37	1 28	25 16	1 11	22 51	0 52	24 7	0 35	6 47	8 22	18 16	18 31	21 4			n.a.
M30	9 44	15 14	5 0	3 45	1 25	3 6	0 8	19 7	1 54	2 40	1 28	25 16	1 12	22 51	0 52	24 7	0 35	6 47	8 22	18 16	18 32	21 4			n.a.
T 31	9s22	18s19	4n29	2s49	1n33	2s34	0s 5	19n17	1n53	2n43	1n28	25s16	1s12	22n51	0n52	24n 7	0n35	6n48	8n22	18n16	18n33	21n 4			n.a.

Julian Day Number = 201311.5, Delta T = 32h09m41s
Ecliptic obliquity = 24°06'45, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°15'02, Lahiri = -61°08'02 Julian Calendar 1 March 4162 BCE == Greg. Calendar 27 Jan. 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

APRIL 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 26 41	7♓27'36	25♐19	21♓30	25♓ 8	17♉50	26°R31	3♋30	23°R28	17°D41	2°R 0	9♌54	8♌48	17♋37	n.a.	W 1
T 2	10 30 38	8°24'44	9♋42	23°25	26°21	18°23	26♍24	3°34	23♋27	17♊41	1♎59	9°56	8°45	17°44	n.a.	T 2
F 3	10 34 34	9°21'50	24°15	25°17	27°35	18°56	26°17	3°39	23°25	17°41	1°57	9°57	8°42	17°50	n.a.	F 3
S 4	10 38 31	10°18'57	8♒54	27° 7	28°48	19°29	26°10	3°44	23°24	17°41	1°56	9°R57	8°39	17°57	n.a.	S 4
S 5	10 42 28	11°16'02	23°35	28°55	0♈ 1	20° 2	26° 3	3°48	23°22	17°41	1°55	9°57	8°36	18° 4	n.a.	S 5
M 6	10 46 24	12°13'07	8♓11	0♈39	1°14	20°35	25°56	3°53	23°21	17°41	1°53	9°55	8°32	18°10	n.a.	M 6
T 7	10 50 21	13°10'12	22°35	2°22	2°27	21° 8	25°49	3°57	23°20	17°41	1°52	9°51	8°29	18°17	n.a.	T 7
W 8	10 54 17	14° 7'15	6♈41	4° 1	3°41	21°41	25°42	4° 1	23°18	17°42	1°50	9°46	8°26	18°24	n.a.	W 8
T 9	10 58 14	15° 4'18	20°26	5°39	4°54	22°15	25°34	4° 5	23°17	17°42	1°49	9°41	8°23	18°30	n.a.	T 9
F 10	11 2 10	16° 1'21	3♉47	7°13	6° 7	22°49	25°27	4° 9	23°16	17°42	1°47	9°36	8°20	18°37	n.a.	F 10
S 11	11 6 7	16°58'23	16°45	8°45	7°20	23°22	25°19	4°13	23°15	17°42	1°46	9°31	8°16	18°44	n.a.	S 11
S 12	11 10 3	17°55'24	29°20	10°14	8°33	23°56	25°12	4°17	23°14	17°43	1°44	9°28	8°13	18°50	n.a.	S 12
M13	11 14 0	18°52'24	11♊37	11°40	9°46	24°30	25° 4	4°21	23°12	17°43	1°43	9°26	8°10	18°57	n.a.	M13
T 14	11 17 57	19°49'24	23°39	13° 4	10°59	25° 4	24°57	4°25	23°11	17°43	1°41	9°D26	8° 7	19° 3	n.a.	T 14
W15	11 21 53	20°46'23	5♋33	14°24	12°12	25°38	24°49	4°29	23°10	17°44	1°40	9°27	8° 4	19°10	n.a.	W15
T 16	11 25 50	21°43'22	17°22	15°42	13°25	26°13	24°42	4°32	23°10	17°44	1°38	9°28	8° 1	19°17	n.a.	T 16
F 17	11 29 46	22°40'20	29°11	16°58	14°38	26°47	24°34	4°36	23° 9	17°45	1°37	9°30	7°57	19°23	n.a.	F 17
S 18	11 33 43	23°37'18	11♌ 6	18°10	15°51	27°22	24°26	4°39	23° 8	17°45	1°35	9°R30	7°54	19°30	n.a.	S 18
S 19	11 37 39	24°34'16	23°10	19°19	17° 4	27°56	24°19	4°42	23° 7	17°46	1°33	9°29	7°51	19°37	n.a.	S 19
M20	11 41 36	25°31'13	5♍26	20°25	18°17	28°31	24°11	4°45	23° 6	17°47	1°32	9°26	7°48	19°43	n.a.	M20
T 21	11 45 33	26°28'09	17°57	21°28	19°30	29° 6	24° 3	4°48	23° 6	17°47	1°30	9°21	7°45	19°50	n.a.	T 21
W22	11 49 29	27°25'06	0♎43	22°28	20°42	29°40	23°56	4°51	23° 5	17°48	1°29	9°15	7°42	19°57	n.a.	W22
T 23	11 53 26	28°22'03	13°44	23°25	21°55	0♊15	23°48	4°54	23° 4	17°48	1°27	9° 7	7°38	20° 3	n.a.	T 23
F 24	11 57 22	29°18'59	27° 1	24°18	23° 8	0°50	23°41	4°57	23° 4	17°49	1°26	8°58	7°35	20°10	n.a.	F 24
S 25	12 1 19	0♈15'56	10♏30	25° 8	24°21	1°26	23°33	5° 0	23° 3	17°50	1°24	8°51	7°32	20°17	n.a.	S 25
S 26	12 5 15	1°12'54	24°11	25°54	25°34	2° 1	23°25	5° 3	23° 3	17°51	1°22	8°44	7°29	20°23	n.a.	S 26
M27	12 9 12	2° 9'51	8♐ 1	26°36	26°46	2°36	23°18	5° 5	23° 2	17°52	1°21	8°40	7°26	20°30	n.a.	M27
T 28	12 13 9	3° 6'49	21°59	27°15	27°59	3°12	23°10	5° 8	23° 2	17°52	1°19	8°37	7°22	20°37	n.a.	T 28
W29	12 17 5	4° 3'48	6♋ 4	27°50	29°12	3°47	23° 3	5°10	23° 2	17°53	1°18	8°D37	7°19	20°43	n.a.	W29
T 30	12 21 2	5♈ 0'47	20♋15	28♈20	0♉25	4♊23	22♍56	5♋12	23♋ 2	17♊54	1♎16	8♌37	7♌16	20♋50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	9s 0	20s21	3n41	1s55	1n41	2s 2	0s 3	19n26	1n53	2n45	1n28	25s16	1s12	22n52	0n52	24n 7	0n35	6n49	8n22	18n16	18n34	21n 4		n.a.
T 2	8 39	21 7	2 39	1 2	1 48	1 30	0 0	19 35	1 52	2 48	1 28	25 16	1 12	22 52	0 52	24 7	0 35	6 49	8 22	18 15	18 35	21 4		n.a.
F 3	8 17	20 28	1 25	0 10	1 55	0 57	0n 2	19 44	1 52	2 51	1 28	25 16	1 12	22 52	0 52	24 7	0 35	6 50	8 22	18 15	18 36	21 4		n.a.
S 4	7 55	18 27	0 6	0n40	2 1	0 25	0 5	19 52	1 51	2 54	1 28	25 16	1 12	22 52	0 52	24 7	0 35	6 50	8 22	18 15	18 36	21 4		n.a.
S 5	7 32	15 12	1s14	1 29	2 6	0n 7	0 7	20 1	1 51	2 57	1 28	25 16	1 13	22 53	0 52	24 7	0 35	6 51	8 22	18 15	18 37	21 4		n.a.
M 6	7 10	11 1	2 28	2 16	2 11	0 39	0 10	20 10	1 50	3 0	1 28	25 16	1 13	22 53	0 52	24 7	0 35	6 52	8 22	18 16	18 38	21 4		n.a.
T 7	6 48	6 15	3 32	3 1	2 15	1 11	0 12	20 19	1 50	3 2	1 28	25 16	1 13	22 53	0 52	24 7	0 35	6 52	8 22	18 17	18 39	21 4		n.a.
W 8	6 25	1 16	4 22	3 45	2 18	1 44	0 15	20 27	1 50	3 5	1 27	25 16	1 13	22 53	0 52	24 7	0 35	6 53	8 22	18 18	18 40	21 4		n.a.
T 9	6 2	3n40	4 54	4 27	2 21	2 16	0 17	20 36	1 49	3 8	1 27	25 16	1 13	22 53	0 52	24 7	0 35	6 53	8 22	18 19	18 41	21 3		n.a.
F 10	5 40	8 17	5 10	5 7	2 23	2 48	0 20	20 44	1 49	3 11	1 27	25 16	1 14	22 54	0 52	24 7	0 35	6 54	8 22	18 21	18 42	21 3		n.a.
S 11	5 17	12 23	5 9	5 46	2 25	3 20	0 23	20 53	1 48	3 14	1 27	25 16	1 14	22 54	0 52	24 7	0 35	6 54	8 22	18 22	18 42	21 3		n.a.
S 12	4 54	15 48	4 53	6 22	2 25	3 52	0 25	21 1	1 48	3 17	1 27	25 17	1 14	22 54	0 52	24 7	0 35	6 55	8 22	18 23	18 43	21 3		n.a.
M13	4 31	18 27	4 24	6 57	2 25	4 24	0 28	21 9	1 47	3 20	1 27	25 17	1 14	22 54	0 52	24 7	0 35	6 56	8 21	18 24	18 44	21 3		n.a.
T 14	4 8	20 14	3 44	7 30	2 24	4 55	0 30	21 17	1 47	3 23	1 27	25 17	1 15	22 54	0 52	24 7	0 35	6 56	8 21	18 24	18 45	21 3		n.a.
W15	3 45	21 6	2 54	8 1	2 23	5 27	0 33	21 26	1 46	3 26	1 27	25 17	1 15	22 54	0 52	24 7	0 35	6 57	8 21	18 23	18 46	21 3		n.a.
T 16	3 22	21 1	1 57	8 30	2 21	5 59	0 35	21 34	1 46	3 29	1 27	25 17	1 15	22 54	0 52	24 7	0 35	6 57	8 21	18 23	18 47	21 3		n.a.
F 17	2 59	19 59	0 56	8 58	2 18	6 30	0 38	21 41	1 45	3 32	1 27	25 17	1 15	22 55	0 52	24 7	0 35	6 58	8 21	18 23	18 47	21 2		n.a.
S 18	2 36	18 4	0n 9	9 23	2 15	7 1	0 40	21 49	1 45	3 35	1 27	25 17	1 15	22 55	0 51	24 7	0 35	6 59	8 21	18 22	18 48	21 2		n.a.
S 19	2 13	15 20	1 13	9 46	2 10	7 32	0 43	21 57	1 44	3 38	1 26	25 17	1 16	22 55	0 51	24 7	0 35	6 59	8 21	18 23	18 49	21 2		n.a.
M20	1 50	11 52	2 16	10 7	2 5	8 3	0 45	22 4	1 44	3 41	1 26	25 17	1 16	22 55	0 51	24 7	0 35	7 0	8 21	18 24	18 50	21 2		n.a.
T 21	1 26	7 50	3 13	10 27	2 0	8 34	0 48	22 12	1 43	3 44	1 26	25 17	1 16	22 55	0 51	24 7	0 35	7 0	8 21	18 25	18 51	21 2		n.a.
W22	1 3	3 22	4 1	10 44	1 53	9 5	0 50	22 19	1 43	3 47	1 26	25 17	1 16	22 55	0 51	24 7	0 35	7 1	8 21	18 27	18 52	21 2		n.a.
T 23	0 40	1s19	4 38	10 59	1 46	9 35	0 52	22 27	1 42	3 50	1 26	25 18	1 16	22 55	0 51	24 7	0 35	7 1	8 21	18 29	18 53	21 2		n.a.
F 24	0 17	6 2	5 0	11 12	1 39	10 5	0 55	22 34	1 42	3 53	1 26	25 18	1 17	22 55	0 51	24 7	0 35	7 2	8 21	18 31	18 53	21 1		n.a.
S 25	0n 7	10 32	5 7	11 23	1 30	10 35	0 57	22 41	1 41	3 56	1 26	25 18	1 17	22 55	0 51	24 7	0 35	7 3	8 21	18 33	18 54	21 1		n.a.
S 26	0 30	14 34	4 56	11 32	1 21	11 4	1 0	22 48	1 41	3 59	1 25	25 18	1 17	22 55	0 51	24 7	0 35	7 3	8 21	18 35	18 55	21 1		n.a.
M27	0 53	17 51	4 28	11 39	1 11	11 34	1 2	22 54	1 40	4 2	1 25	25 18	1 17	22 55	0 51	24 7	0 35	7 4	8 20	18 36	18 56	21 1		n.a.
T 28	1 16	20 8	3 44	11 44	1 1	12 3	1 4	23 1	1 40	4 5	1 25	25 18	1 18	22 55	0 51	24 7	0 35	7 4	8 20	18 37	18 57	21 1		n.a.
W29	1 40	21 13	2 46	11 46	0 50	12 32	1 6	23 8	1 39	4 8	1 25	25 18	1 18	22 55	0 51	24 8	0 35	7 5	8 20	18 37	18 58	21 1		n.a.
T 30	2n 3	20s56	1n37	11n46	0n38	13n 0	1n 8	23n14	1n39	4n10	1n25	25s18	1s18	22n55	0n51	24n 8	0n35	7n 5	8n20	18n37	18n58	21n 0		n.a.

Julian Day Number = 201342.5, Delta T = 32h09m38s
Ecliptic obliquity = 24°06'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'58, Lahiri = -61°07'58 Julian Calendar 1 Apr. 4162 BCE == Greg. Calendar 27 Feb. 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

MAY 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 24 58	5♈57'46	4♒29	28♈47	1♉37	4♊59	22°R48	5♋14	23°R 1	17♊55	1°R15	8°R38	7♌13	20♋57	n.a.	F 1
S 2	12 28 55	6°54'46	18°46	29° 9	2°50	5°34	22♍41	5°16	23♋ 1	17°56	1♎13	8♌38	7°10	21° 3	n.a.	S 2
S 3	12 32 52	7°51'47	3♓ 2	29°26	4° 3	6°10	22°34	5°18	23° 1	17°57	1°11	8°35	7° 7	21°10	n.a.	S 3
M 4	12 36 48	8°48'48	17°13	29°39	5°15	6°46	22°27	5°20	23°D 1	17°58	1°10	8°31	7° 3	21°17	n.a.	M 4
T 5	12 40 45	9°45'50	1♈17	29°48	6°28	7°22	22°20	5°22	23° 1	17°59	1° 8	8°24	7° 0	21°23	n.a.	T 5
W 6	12 44 41	10°42'52	15° 7	29°R52	7°40	7°58	22°13	5°23	23° 1	18° 0	1° 7	8°15	6°57	21°30	n.a.	W 6
T 7	12 48 38	11°39'54	28°40	29°51	8°53	8°35	22° 6	5°25	23° 1	18° 1	1° 5	8° 4	6°54	21°36	n.a.	T 7
F 8	12 52 34	12°36'57	11♉53	29°45	10° 6	9°11	21°59	5°26	23° 1	18° 2	1° 4	7°54	6°51	21°43	n.a.	F 8
S 9	12 56 31	13°34'00	24°47	29°35	11°18	9°48	21°53	5°28	23° 2	18° 4	1° 2	7°45	6°47	21°50	n.a.	S 9
S 10	13 0 28	14°31'04	7♊20	29°20	12°31	10°24	21°46	5°29	23° 2	18° 5	1° 1	7°37	6°44	21°56	n.a.	S 10
M11	13 4 24	15°28'08	19°36	29° 1	13°43	11° 1	21°40	5°30	23° 2	18° 6	0°59	7°32	6°41	22° 3	n.a.	M11
T 12	13 8 21	16°25'13	1♋38	28°37	14°56	11°37	21°33	5°31	23° 3	18° 7	0°58	7°29	6°38	22°10	n.a.	T 12
W13	13 12 17	17°22'18	13°31	28°10	16° 8	12°14	21°27	5°32	23° 3	18° 8	0°56	7°D28	6°35	22°16	n.a.	W13
T 14	13 16 14	18°19'23	25°20	27°39	17°20	12°51	21°21	5°33	23° 4	18°10	0°55	7°28	6°32	22°23	n.a.	T 14
F 15	13 20 10	19°16'29	7♌10	27° 5	18°33	13°28	21°15	5°33	23° 4	18°11	0°53	7°R28	6°28	22°30	n.a.	F 15
S 16	13 24 7	20°13'35	19° 7	26°28	19°45	14° 5	21° 9	5°34	23° 5	18°12	0°52	7°27	6°25	22°36	n.a.	S 16
S 17	13 28 4	21°10'42	1♍16	25°49	20°57	14°42	21° 4	5°35	23° 5	18°14	0°50	7°25	6°22	22°43	n.a.	S 17
M18	13 32 0	22° 7'49	13°40	25° 9	22°10	15°19	20°58	5°35	23° 6	18°15	0°49	7°21	6°19	22°50	n.a.	M18
T 19	13 35 57	23° 4'57	26°23	24°27	23°22	15°57	20°52	5°35	23° 7	18°17	0°47	7°13	6°16	22°56	n.a.	T 19
W20	13 39 53	24° 2'06	9♎26	23°46	24°34	16°34	20°47	5°35	23° 8	18°18	0°46	7° 4	6°13	23° 3	n.a.	W20
T 21	13 43 50	24°59'16	22°48	23° 6	25°46	17°11	20°42	5°R35	23° 9	18°20	0°45	6°53	6° 9	23°10	n.a.	T 21
F 22	13 47 46	25°56'27	6♏29	22°27	26°58	17°49	20°37	5°35	23°10	18°21	0°43	6°41	6° 6	23°16	n.a.	F 22
S 23	13 51 43	26°53'39	20°24	21°50	28°10	18°26	20°32	5°35	23°10	18°23	0°42	6°30	6° 3	23°23	n.a.	S 23
S 24	13 55 40	27°50'52	4♐29	21°15	29°23	19° 4	20°27	5°35	23°12	18°24	0°40	6°21	6° 0	23°30	n.a.	S 24
M25	13 59 36	28°48'06	18°40	20°45	0♊35	19°42	20°23	5°35	23°13	18°26	0°39	6°14	5°57	23°36	n.a.	M25
T 26	14 3 33	29°45'22	2♑52	20°18	1°47	20°20	20°18	5°34	23°14	18°27	0°38	6°10	5°53	23°43	n.a.	T 26
W27	14 7 29	0♉42'39	17° 4	19°56	2°59	20°58	20°14	5°34	23°15	18°29	0°36	6° 8	5°50	23°49	n.a.	W27
T 28	14 11 26	1°39'57	1♒13	19°39	4°11	21°36	20°10	5°33	23°16	18°31	0°35	6° 7	5°47	23°56	n.a.	T 28
F 29	14 15 22	2°37'17	15°18	19°27	5°23	22°14	20° 6	5°32	23°17	18°32	0°34	6° 7	5°44	24° 3	n.a.	F 29
S 30	14 19 19	3°34'39	29°18	19°D22	6°34	22°52	20° 2	5°31	23°19	18°34	0°33	6° 6	5°41	24° 9	n.a.	S 30
S 31	14 23 16	4♉32'02	13♓12	19♈22	7♊46	23♊30	19♍59	5♋30	23♋20	18♊36	0♎31	6♌ 3	5♌38	24♋16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	2n26	19s19	0n22	11n45	0n26	13n28	1n11	23n20	1n38	4n13	1n25	25s19	1s18	22n55	0n51	24n 8	0n35	7n 6	8n20	18n37	18n59	21n 0		n.a.	F 1
S 2	2 49	16 29	0s54	11 41	0 13	13 56	1 13	23 27	1 38	4 16	1 24	25 19	1 18	22 55	0 51	24 8	0 35	7 6	8 20	18 37	19 0	21 0		n.a.	S 2
S 3	3 12	12 38	2 7	11 35	0s 0	14 23	1 15	23 33	1 37	4 19	1 24	25 19	1 19	22 55	0 51	24 8	0 35	7 7	8 20	18 37	19 1	21 0		n.a.	S 3
M 4	3 35	8 6	3 11	11 26	0 14	14 50	1 17	23 38	1 37	4 21	1 24	25 19	1 19	22 55	0 51	24 8	0 35	7 7	8 20	18 39	19 2	20 59		n.a.	M 4
T 5	3 58	3 11	4 3	11 16	0 29	15 17	1 19	23 44	1 36	4 24	1 24	25 19	1 19	22 55	0 51	24 8	0 35	7 8	8 19	18 40	19 2	20 59		n.a.	T 5
W 6	4 21	1n50	4 40	11 4	0 44	15 44	1 21	23 50	1 36	4 27	1 23	25 19	1 19	22 55	0 51	24 8	0 35	7 8	8 19	18 43	19 3	20 59		n.a.	W 6
T 7	4 44	6 39	5 0	10 49	0 59	16 10	1 23	23 55	1 35	4 29	1 23	25 19	1 20	22 55	0 51	24 8	0 35	7 9	8 19	18 46	19 4	20 59		n.a.	T 7
F 8	5 7	11 2	5 3	10 33	1 14	16 35	1 24	24 1	1 35	4 32	1 23	25 20	1 20	22 55	0 51	24 8	0 35	7 9	8 19	18 48	19 5	20 59		n.a.	F 8
S 9	5 30	14 48	4 51	10 15	1 29	17 0	1 26	24 6	1 34	4 34	1 23	25 20	1 20	22 55	0 51	24 8	0 35	7 10	8 19	18 51	19 6	20 58		n.a.	S 9
S 10	5 53	17 48	4 24	9 55	1 45	17 25	1 28	24 11	1 34	4 37	1 23	25 20	1 20	22 55	0 51	24 9	0 35	7 10	8 19	18 53	19 7	20 58		n.a.	S 10
M11	6 15	19 56	3 46	9 34	2 0	17 49	1 30	24 16	1 33	4 39	1 22	25 20	1 21	22 55	0 51	24 9	0 35	7 11	8 19	18 54	19 7	20 58		n.a.	M11
T 12	6 38	21 7	2 59	9 11	2 15	18 13	1 31	24 21	1 33	4 41	1 22	25 20	1 21	22 55	0 50	24 9	0 35	7 11	8 18	18 55	19 8	20 58		n.a.	T 12
W13	7 0	21 21	2 4	8 47	2 30	18 36	1 33	24 25	1 32	4 44	1 22	25 21	1 21	22 55	0 50	24 9	0 35	7 12	8 18	18 55	19 9	20 57		n.a.	W13
T 14	7 23	20 37	1 4	8 23	2 44	18 59	1 34	24 30	1 32	4 46	1 22	25 21	1 21	22 54	0 50	24 9	0 35	7 12	8 18	18 55	19 10	20 57		n.a.	T 14
F 15	7 45	18 58	0 2	7 58	2 58	19 22	1 36	24 34	1 31	4 48	1 21	25 21	1 21	22 54	0 50	24 9	0 35	7 12	8 18	18 55	19 11	20 57		n.a.	F 15
S 16	8 7	16 29	1n 2	7 32	3 11	19 43	1 37	24 38	1 31	4 50	1 21	25 21	1 22	22 54	0 50	24 9	0 35	7 13	8 18	18 55	19 12	20 57		n.a.	S 16
S 17	8 29	13 14	2 3	7 7	3 22	20 5	1 38	24 42	1 30	4 52	1 21	25 21	1 22	22 54	0 50	24 9	0 35	7 13	8 17	18 56	19 12	20 56		n.a.	S 17
M18	8 51	9 21	3 0	6 42	3 33	20 25	1 40	24 46	1 30	4 54	1 20	25 22	1 22	22 54	0 50	24 10	0 35	7 14	8 17	18 57	19 13	20 56		n.a.	M18
T 19	9 13	4 58	3 49	6 18	3 42	20 46	1 41	24 50	1 29	4 56	1 20	25 22	1 22	22 54	0 50	24 10	0 35	7 14	8 17	18 59	19 14	20 56		n.a.	T 19
W20	9 35	0 14	4 27	5 55	3 51	21 5	1 42	24 53	1 29	4 58	1 20	25 22	1 23	22 53	0 50	24 10	0 35	7 14	8 17	19 2	19 15	20 55		n.a.	W20
T 21	9 56	4s36	4 52	5 34	3 57	21 24	1 43	24 56	1 28	5 0	1 20	25 22	1 23	22 53	0 50	24 10	0 35	7 15	8 17	19 4	19 16	20 55		n.a.	T 21
F 22	10 18	9 20	5 1	5 14	4 2	21 43	1 44	24 59	1 28	5 2	1 19	25 23	1 23	22 53	0 50	24 10	0 35	7 15	8 16	19 7	19 16	20 55		n.a.	F 22
S 23	10 39	13 39	4 53	4 57	4 6	22 1	1 45	25 2	1 27	5 3	1 19	25 23	1 23	22 53	0 50	24 10	0 35	7 16	8 16	19 10	19 17	20 55		n.a.	S 23
S 24	11 0	17 17	4 26	4 42	4 8	22 18	1 46	25 5	1 27	5 5	1 19	25 23	1 24	22 53	0 50	24 10	0 35	7 16	8 16	19 13	19 18	20 54		n.a.	S 24
M25	11 21	19 54	3 43	4 30	4 8	22 35	1 47	25 8	1 26	5 7	1 18	25 23	1 24	22 52	0 50	24 10	0 35	7 16	8 16	19 14	19 19	20 54		n.a.	M25
T 26	11 42	21 19	2 46	4 21	4 7	22 51	1 47	25 10	1 26	5 8	1 18	25 23	1 24	22 52	0 50	24 11	0 35	7 17	8 15	19 16	19 20	20 54		n.a.	T 26
W27	12 2	21 21	1 39	4 15	4 5	23 6	1 48	25 12	1 25	5 10	1 18	25 24	1 24	22 52	0 50	24 11	0 35	7 17	8 15	19 16	19 20	20 53		n.a.	W27
T 28	12 23	20 2	0 26	4 12	4 0	23 21	1 48	25 14	1 24	5 11	1 18	25 24	1 25	22 52	0 50	24 11	0 35	7 17	8 15	19 16	19 21	20 53		n.a.	T 28
F 29	12 43	17 28	0s48	4 13	3 55	23 35	1 49	25 16	1 24	5 12	1 17	25 24	1 25	22 51	0 50	24 11	0 35	7 17	8 15	19 16	19 22	20 53		n.a.	F 29
S 30	13 3	13 54	1 59	4 17	3 48	23 49	1 49	25 18	1 23	5 14	1 17	25 25	1 25	22 51	0 50	24 11	0 35	7 18	8 14	19 16	19 23	20 52		n.a.	S 30
S 31	13n23	9s35	3s 3	4n24	3s40	24n 1	1n50	25n20	1n23	5n15	1n17	25s25	1s25	22n51	0n50	24n11	0n35	7n18	8n14	19n17	19n24	20n52		n.a.	S 31

Julian Day Number = 201372.5, Delta T = 32h09m35s
Ecliptic obliquity = 24°06'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'54, Lahiri = -61°07'53 Julian Calendar 1 May 4162 BCE == Greg. Calendar 29 March 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

JUNE 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 27 12	5♉29'26	27♓ 0	19♈28	8♊58	24♊ 8	19°R55	5°R29	23♋21	18♊37	0°R30	5°R57	5♌34	24♋23	n.a.	M 1
T 2	14 31 9	6°26'52	10♈38	19°41	10°10	24°47	19♍52	5♏28	23°23	18°39	0♎29	5♌48	5°31	24°29	n.a.	T 2
W 3	14 35 5	7°24'19	24° 5	20° 1	11°22	25°25	19°49	5°27	23°24	18°41	0°28	5°37	5°28	24°36	n.a.	W 3
T 4	14 39 2	8°21'48	7♉19	20°27	12°34	26° 4	19°46	5°25	23°26	18°43	0°27	5°25	5°25	24°43	n.a.	T 4
F 5	14 42 58	9°19'19	20°17	20°59	13°45	26°42	19°43	5°24	23°28	18°44	0°26	5°12	5°22	24°49	n.a.	F 5
S 6	14 46 55	10°16'50	2♊59	21°38	14°57	27°21	19°41	5°22	23°29	18°46	0°24	5° 0	5°18	24°56	n.a.	S 6
S 7	14 50 52	11°14'24	15°25	22°24	16° 9	28° 0	19°38	5°21	23°31	18°48	0°23	4°50	5°15	25° 3	n.a.	S 7
M 8	14 54 48	12°11'58	27°36	23°15	17°20	28°39	19°36	5°19	23°33	18°50	0°22	4°43	5°12	25° 9	n.a.	M 8
T 9	14 58 45	13° 9'34	9♋35	24°13	18°32	29°18	19°34	5°17	23°35	18°52	0°21	4°39	5° 9	25°16	n.a.	T 9
W10	15 2 41	14° 7'11	21°27	25°18	19°43	29°57	19°32	5°15	23°36	18°54	0°20	4°36	5° 6	25°23	n.a.	W10
T 11	15 6 38	15° 4'50	3♌14	26°27	20°55	0♋36	19°31	5°13	23°38	18°56	0°19	4°D36	5° 3	25°29	n.a.	T 11
F 12	15 10 34	16° 2'29	15° 4	27°43	22° 6	1°15	19°29	5°11	23°40	18°58	0°18	4°R36	4°59	25°36	n.a.	F 12
S 13	15 14 31	17° 0'11	27° 1	29° 4	23°17	1°54	19°28	5° 8	23°42	19° 0	0°17	4°36	4°56	25°43	n.a.	S 13
S 14	15 18 28	17°57'53	9♍10	0♉30	24°29	2°33	19°27	5° 6	23°44	19° 1	0°16	4°34	4°53	25°49	n.a.	S 14
M15	15 22 24	18°55'37	21°38	2° 1	25°40	3°13	19°26	5° 4	23°46	19° 3	0°15	4°30	4°50	25°56	n.a.	M15
T 16	15 26 21	19°53'22	4♎27	3°37	26°51	3°52	19°25	5° 1	23°48	19° 5	0°15	4°24	4°47	26° 2	n.a.	T 16
W17	15 30 17	20°51'09	17°39	5°16	28° 2	4°32	19°25	4°58	23°51	19° 7	0°14	4°15	4°44	26° 9	n.a.	W17
T 18	15 34 14	21°48'58	1♏17	7° 0	29°14	5°11	19°25	4°56	23°53	19° 9	0°13	4° 5	4°40	26°16	n.a.	T 18
F 19	15 38 10	22°46'48	15°17	8°46	0♋25	5°51	19°D24	4°53	23°55	19°12	0°12	3°54	4°37	26°22	n.a.	F 19
S 20	15 42 7	23°44'40	29°35	10°36	1°36	6°31	19°24	4°50	23°57	19°14	0°11	3°43	4°34	26°29	n.a.	S 20
S 21	15 46 3	24°42'34	14♐ 5	12°28	2°47	7°10	19°25	4°47	24° 0	19°16	0°11	3°34	4°31	26°36	n.a.	S 21
M22	15 50 0	25°40'29	28°41	14°22	3°58	7°50	19°25	4°44	24° 2	19°18	0°10	3°28	4°28	26°42	n.a.	M22
T 23	15 53 57	26°38'27	13♑17	16°17	5° 8	8°30	19°26	4°41	24° 5	19°20	0° 9	3°24	4°24	26°49	n.a.	T 23
W24	15 57 53	27°36'27	27°45	18°14	6°19	9°10	19°27	4°37	24° 7	19°22	0° 9	3°D23	4°21	26°56	n.a.	W24
T 25	16 1 50	28°34'30	12♒ 4	20°12	7°30	9°50	19°28	4°34	24°10	19°24	0° 8	3°23	4°18	27° 2	n.a.	T 25
F 26	16 5 46	29°32'34	26°11	22°10	8°41	10°31	19°29	4°31	24°12	19°26	0° 7	3°R23	4°15	27° 9	n.a.	F 26
S 27	16 9 43	0♊30'41	10♓ 5	24° 9	9°51	11°11	19°30	4°27	24°15	19°28	0° 7	3°23	4°12	27°16	n.a.	S 27
S 28	16 13 39	1°28'49	23°46	26° 8	11° 2	11°51	19°32	4°24	24°17	19°30	0° 6	3°21	4° 9	27°22	n.a.	S 28
M29	16 17 36	2°27'00	7♈15	28° 7	12°12	12°31	19°33	4°20	24°20	19°33	0° 6	3°16	4° 5	27°29	n.a.	M29
T 30	16 21 32	3♊25'14	20♈32	0♊ 5	13♋23	13♋12	19♍35	4♏16	24♋23	19♊35	0♎ 5	3♌ 9	4♌ 2	27♋36	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n43	4s48	3s55	4n35	3s31	24n13	1n50	25n21	1n22	5n16	1n16	25s25	1s25	22n51	0n50	24n11	0n35	7n18	8n14	19n19	19n24	20n52		n.a.
T 2	14 3	0n10	4 33	4 49	3 21	24 25	1 50	25 22	1 22	5 17	1 16	25 25	1 26	22 50	0 50	24 12	0 35	7 19	8 14	19 21	19 25	20 51		n.a.
W 3	14 22	5 3	4 55	5 6	3 11	24 35	1 50	25 23	1 21	5 18	1 16	25 26	1 26	22 50	0 50	24 12	0 35	7 19	8 13	19 24	19 26	20 51		n.a.
T 4	14 41	9 37	5 0	5 27	2 59	24 45	1 50	25 24	1 21	5 19	1 15	25 26	1 26	22 50	0 50	24 12	0 35	7 19	8 13	19 27	19 27	20 51		n.a.
F 5	15 0	13 40	4 50	5 51	2 47	24 55	1 50	25 24	1 20	5 19	1 15	25 26	1 26	22 49	0 49	24 12	0 35	7 19	8 13	19 30	19 28	20 50		n.a.
S 6	15 19	17 0	4 26	6 17	2 34	25 3	1 50	25 25	1 19	5 20	1 15	25 27	1 27	22 49	0 49	24 12	0 35	7 19	8 13	19 33	19 28	20 50		n.a.
S 7	15 37	19 29	3 49	6 47	2 21	25 11	1 49	25 25	1 19	5 21	1 14	25 27	1 27	22 49	0 49	24 12	0 35	7 20	8 12	19 35	19 29	20 49		n.a.
M 8	15 56	21 3	3 3	7 19	2 7	25 18	1 49	25 25	1 18	5 21	1 14	25 27	1 27	22 48	0 49	24 13	0 35	7 20	8 12	19 37	19 30	20 49		n.a.
T 9	16 14	21 37	2 9	7 54	1 53	25 24	1 48	25 24	1 18	5 22	1 14	25 27	1 27	22 48	0 49	24 13	0 35	7 20	8 12	19 38	19 31	20 49		n.a.
W10	16 31	21 13	1 9	8 31	1 39	25 30	1 48	25 24	1 17	5 22	1 13	25 28	1 28	22 48	0 49	24 13	0 35	7 20	8 11	19 39	19 32	20 48		n.a.
T 11	16 49	19 52	0 7	9 10	1 25	25 35	1 47	25 23	1 17	5 23	1 13	25 28	1 28	22 47	0 49	24 13	0 35	7 20	8 11	19 39	19 32	20 48		n.a.
F 12	17 6	17 39	0n55	9 51	1 11	25 39	1 47	25 22	1 16	5 23	1 13	25 28	1 28	22 47	0 49	24 13	0 35	7 20	8 11	19 39	19 33	20 48		n.a.
S 13	17 23	14 40	1 56	10 33	0 57	25 42	1 46	25 21	1 15	5 23	1 12	25 29	1 28	22 46	0 49	24 13	0 35	7 20	8 11	19 39	19 34	20 47		n.a.
S 14	17 40	11 0	2 53	11 17	0 44	25 44	1 45	25 20	1 15	5 23	1 12	25 29	1 28	22 46	0 49	24 14	0 35	7 21	8 10	19 40	19 35	20 47		n.a.
M15	17 56	6 48	3 43	12 2	0 30	25 46	1 44	25 19	1 14	5 23	1 12	25 29	1 29	22 46	0 49	24 14	0 35	7 21	8 10	19 41	19 36	20 46		n.a.
T 16	18 12	2 11	4 23	12 48	0 17	25 47	1 43	25 17	1 14	5 23	1 11	25 30	1 29	22 45	0 49	24 14	0 35	7 21	8 10	19 42	19 36	20 46		n.a.
W17	18 28	2s40	4 50	13 35	0 4	25 47	1 42	25 15	1 13	5 23	1 11	25 30	1 29	22 45	0 49	24 14	0 35	7 21	8 9	19 44	19 37	20 45		n.a.
T 18	18 44	7 32	5 2	14 21	0n 8	25 47	1 40	25 13	1 13	5 23	1 11	25 30	1 29	22 44	0 49	24 14	0 35	7 21	8 9	19 47	19 38	20 45		n.a.
F 19	18 59	12 9	4 57	15 8	0 19	25 46	1 39	25 11	1 12	5 23	1 10	25 31	1 29	22 44	0 49	24 14	0 35	7 21	8 9	19 49	19 39	20 45		n.a.
S 20	19 14	16 12	4 33	15 54	0 30	25 44	1 38	25 8	1 11	5 23	1 10	25 31	1 30	22 43	0 49	24 15	0 35	7 21	8 8	19 52	19 40	20 44		n.a.
S 21	19 29	19 19	3 51	16 39	0 41	25 41	1 36	25 5	1 11	5 22	1 10	25 31	1 30	22 43	0 49	24 15	0 35	7 21	8 8	19 54	19 40	20 44		n.a.
M22	19 43	21 13	2 54	17 24	0 50	25 37	1 34	25 2	1 10	5 22	1 9	25 32	1 30	22 43	0 49	24 15	0 35	7 21	8 8	19 56	19 41	20 43		n.a.
T 23	19 57	21 41	1 45	18 7	0 59	25 33	1 33	24 59	1 10	5 21	1 9	25 32	1 30	22 42	0 49	24 15	0 35	7 21	8 7	19 56	19 42	20 43		n.a.
W24	20 11	20 42	0 30	18 49	1 7	25 28	1 31	24 56	1 9	5 20	1 9	25 32	1 30	22 42	0 49	24 15	0 35	7 21	8 7	19 57	19 43	20 42		n.a.
T 25	20 24	18 24	0s46	19 29	1 15	25 22	1 29	24 52	1 8	5 20	1 8	25 32	1 31	22 41	0 49	24 16	0 35	7 21	8 7	19 57	19 43	20 42		n.a.
F 26	20 37	15 0	1 59	20 8	1 21	25 16	1 27	24 49	1 8	5 19	1 8	25 33	1 31	22 41	0 49	24 16	0 35	7 21	8 6	19 57	19 44	20 42		n.a.
S 27	20 50	10 49	3 3	20 45	1 27	25 9	1 25	24 45	1 7	5 18	1 8	25 33	1 31	22 40	0 49	24 16	0 35	7 21	8 6	19 57	19 45	20 41		n.a.
S 28	21 2	6 8	3 56	21 19	1 32	25 1	1 23	24 40	1 7	5 17	1 7	25 33	1 31	22 40	0 49	24 16	0 35	7 21	8 6	19 57	19 46	20 41		n.a.
M29	21 14	1 13	4 34	21 52	1 37	24 52	1 20	24 36	1 6	5 16	1 7	25 34	1 31	22 39	0 49	24 16	0 35	7 21	8 5	19 58	19 46	20 40		n.a.
T 30	21n26	3n40	4s58	22n22	1n41	24n43	1n18	24n31	1n 5	5n15	1n 7	25s34	1s32	22n39	0n49	24n16	0n35	7n20	8n 5	20n 0	19n47	20n40		n.a.

Julian Day Number = 201403.5, Delta T = 32h09m32s
Ecliptic obliquity = 24°06'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'50, Lahiri = -61°07'49 Julian Calendar 1 June 4162 BCE == Greg. Calendar 29 Apr. 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

JULY 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 25 29	4♊23'29	3♉37	2♊ 3	14♋33	13♋52	19♍37	4°R13	24♋25	19♊37	0°R 5	3°R 0	3♌59	27♋42	n.a.	W 1
T 2	16 29 26	5°21'47	16°29	4° 0	15°43	14°33	19°40	4♉ 9	24°28	19°39	0♎ 4	2♌50	3°56	27°49	n.a.	T 2
F 3	16 33 22	6°20'07	29° 8	5°56	16°54	15°14	19°42	4° 5	24°31	19°41	0° 4	2°40	3°53	27°55	n.a.	F 3
S 4	16 37 19	7°18'29	11♊35	7°51	18° 4	15°55	19°45	4° 1	24°34	19°43	0° 4	2°30	3°50	28° 2	n.a.	S 4
S 5	16 41 15	8°16'53	23°49	9°46	19°14	16°35	19°48	3°57	24°37	19°46	0° 3	2°22	3°46	28° 9	n.a.	S 5
M 6	16 45 12	9°15'20	5♋52	11°39	20°24	17°16	19°51	3°53	24°40	19°48	0° 3	2°17	3°43	28°15	n.a.	M 6
T 7	16 49 8	10°13'48	17°47	13°32	21°34	17°57	19°54	3°49	24°42	19°50	0° 3	2°13	3°40	28°22	n.a.	T 7
W 8	16 53 5	11°12'18	29°35	15°23	22°44	18°38	19°57	3°44	24°45	19°52	0° 2	2°D12	3°37	28°29	n.a.	W 8
T 9	16 57 1	12°10'50	11♌21	17°13	23°54	19°19	20° 1	3°40	24°48	19°55	0° 2	2°12	3°34	28°35	n.a.	T 9
F 10	17 0 58	13° 9'24	23° 9	19° 2	25° 3	20° 1	20° 4	3°36	24°52	19°57	0° 2	2°13	3°30	28°42	n.a.	F 10
S 11	17 4 55	14° 8'00	5♍ 5	20°50	26°13	20°42	20° 8	3°32	24°55	19°59	0° 2	2°15	3°27	28°49	n.a.	S 11
S 12	17 8 51	15° 6'38	17°13	22°37	27°22	21°23	20°12	3°27	24°58	20° 1	0° 2	2°R15	3°24	28°55	n.a.	S 12
M13	17 12 48	16° 5'18	29°38	24°23	28°32	22° 5	20°17	3°23	25° 1	20° 3	0° 2	2°14	3°21	29° 2	n.a.	M13
T 14	17 16 44	17° 4'00	12♎26	26° 8	29°41	22°46	20°21	3°18	25° 4	20° 6	0° 2	2°11	3°18	29° 9	n.a.	T 14
W15	17 20 41	18° 2'44	25°39	27°51	0♌50	23°27	20°26	3°14	25° 7	20° 8	0°D 2	2° 6	3°15	29°15	n.a.	W15
T 16	17 24 37	19° 1'29	9♏20	29°34	2° 0	24° 9	20°30	3° 9	25°10	20°10	0° 2	2° 0	3°11	29°22	n.a.	T 16
F 17	17 28 34	20° 0'17	23°28	1♋15	3° 9	24°51	20°35	3° 5	25°14	20°12	0° 2	1°54	3° 8	29°29	n.a.	F 17
S 18	17 32 30	20°59'07	7♐59	2°56	4°18	25°32	20°41	3° 0	25°17	20°15	0° 2	1°47	3° 5	29°35	n.a.	S 18
S 19	17 36 27	21°57'59	22°48	4°35	5°26	26°14	20°46	2°55	25°20	20°17	0° 2	1°42	3° 2	29°42	n.a.	S 19
M20	17 40 23	22°56'54	7♑46	6°14	6°35	26°56	20°51	2°51	25°24	20°19	0° 2	1°38	2°59	29°48	n.a.	M20
T 21	17 44 20	23°55'51	22°44	7°51	7°44	27°38	20°57	2°46	25°27	20°21	0° 2	1°36	2°56	29°55	n.a.	T 21
W22	17 48 16	24°54'50	7♒35	9°28	8°52	28°20	21° 3	2°41	25°30	20°24	0° 2	1°D36	2°52	0♌ 2	n.a.	W22
T 23	17 52 13	25°53'52	22°13	11° 3	10° 1	29° 2	21° 8	2°36	25°34	20°26	0° 3	1°37	2°49	0° 8	n.a.	T 23
F 24	17 56 10	26°52'56	6♓32	12°38	11° 9	29°44	21°14	2°32	25°37	20°28	0° 3	1°39	2°46	0°15	n.a.	F 24
S 25	18 0 6	27°52'03	20°32	14°11	12°17	0♌26	21°21	2°27	25°41	20°30	0° 3	1°40	2°43	0°22	n.a.	S 25
S 26	18 4 3	28°51'12	4♈12	15°44	13°25	1° 9	21°27	2°22	25°44	20°32	0° 4	1°R40	2°40	0°28	n.a.	S 26
M27	18 7 59	29°50'24	17°33	17°16	14°33	1°51	21°34	2°17	25°48	20°35	0° 4	1°38	2°36	0°35	n.a.	M27
T 28	18 11 56	0♋49'39	0♉36	18°47	15°41	2°33	21°40	2°12	25°51	20°37	0° 4	1°36	2°33	0°42	n.a.	T 28
W29	18 15 52	1°48'56	13°23	20°17	16°48	3°16	21°47	2° 8	25°55	20°39	0° 5	1°32	2°30	0°48	n.a.	W29
T 30	18 19 49	2°48'15	25°57	21°46	17°56	3°58	21°54	2° 3	25°58	20°41	0° 5	1°27	2°27	0°55	n.a.	T 30
F 31	18 23 45	3♋47'38	8♊19	23♋14	19♌ 3	4♌41	22♍ 1	1♉58	26♋ 2	20♊44	0♎ 6	1♌22	2♌24	1♌ 2	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n37	8n18	5s 5	22n50	1n44	24n33	1n15	24n26	1n 5	5n14	1n 6	25s34	1s32	22n38	0n49	24n17	0n35	7n20	8n 5	20n 2	19n48	20n39			n.a.
T 2	21 48	12 30	4 56	23 16	1 46	24 22	1 13	24 21	1 4	5 13	1 6	25 35	1 32	22 37	0 49	24 17	0 35	7 20	8 4	20 5	19 49	20 39			n.a.
F 3	21 58	16 5	4 33	23 40	1 48	24 10	1 10	24 16	1 4	5 11	1 6	25 35	1 32	22 37	0 49	24 17	0 35	7 20	8 4	20 7	19 50	20 38			n.a.
S 4	22 8	18 53	3 58	24 1	1 49	23 58	1 8	24 10	1 3	5 10	1 5	25 35	1 32	22 36	0 48	24 17	0 35	7 20	8 4	20 9	19 50	20 38			n.a.
S 5	22 18	20 47	3 11	24 20	1 49	23 45	1 5	24 5	1 2	5 9	1 5	25 36	1 33	22 36	0 48	24 17	0 35	7 20	8 3	20 11	19 51	20 37			n.a.
M 6	22 27	21 42	2 17	24 37	1 49	23 32	1 2	23 59	1 2	5 7	1 5	25 36	1 33	22 35	0 48	24 18	0 35	7 19	8 3	20 12	19 52	20 37			n.a.
T 7	22 36	21 37	1 17	24 52	1 49	23 18	0 59	23 53	1 1	5 6	1 4	25 36	1 33	22 35	0 48	24 18	0 35	7 19	8 3	20 13	19 53	20 36			n.a.
W 8	22 45	20 35	0 14	25 4	1 47	23 3	0 56	23 46	1 0	5 4	1 4	25 36	1 33	22 34	0 48	24 18	0 35	7 19	8 2	20 13	19 53	20 36			n.a.
T 9	22 53	18 39	0n49	25 14	1 46	22 48	0 53	23 40	1 0	5 2	1 4	25 37	1 33	22 34	0 48	24 18	0 35	7 19	8 2	20 13	19 54	20 35			n.a.
F 10	23 1	15 55	1 51	25 22	1 44	22 32	0 49	23 33	0 59	5 0	1 4	25 37	1 33	22 33	0 48	24 18	0 35	7 19	8 2	20 13	19 55	20 35			n.a.
S 11	23 8	12 31	2 49	25 28	1 41	22 15	0 46	23 26	0 58	4 59	1 3	25 37	1 34	22 32	0 48	24 19	0 35	7 18	8 1	20 13	19 56	20 34			n.a.
S 12	23 15	8 32	3 39	25 32	1 39	21 58	0 43	23 19	0 58	4 57	1 3	25 38	1 34	22 32	0 48	24 19	0 35	7 18	8 1	20 13	19 56	20 33			n.a.
M13	23 22	4 7	4 21	25 35	1 35	21 40	0 39	23 11	0 57	4 55	1 3	25 38	1 34	22 31	0 48	24 19	0 35	7 18	8 1	20 13	19 57	20 33			n.a.
T 14	23 28	0s35	4 52	25 35	1 32	21 22	0 36	23 4	0 57	4 53	1 2	25 38	1 34	22 31	0 48	24 19	0 35	7 17	8 0	20 14	19 58	20 32			n.a.
W15	23 33	5 25	5 8	25 34	1 28	21 3	0 32	22 56	0 56	4 50	1 2	25 38	1 34	22 30	0 48	24 19	0 35	7 17	8 0	20 15	19 59	20 32			n.a.
T 16	23 38	10 10	5 7	25 30	1 24	20 44	0 28	22 48	0 55	4 48	1 2	25 39	1 34	22 29	0 48	24 19	0 35	7 17	7 59	20 16	19 59	20 31			n.a.
F 17	23 43	14 31	4 48	25 26	1 19	20 24	0 24	22 39	0 55	4 46	1 1	25 39	1 34	22 29	0 48	24 20	0 35	7 16	7 59	20 18	20 0	20 31			n.a.
S 18	23 48	18 8	4 11	25 19	1 14	20 3	0 21	22 31	0 54	4 44	1 1	25 39	1 35	22 28	0 48	24 20	0 35	7 16	7 59	20 19	20 1	20 30			n.a.
S 19	23 51	20 39	3 16	25 11	1 9	19 43	0 17	22 22	0 53	4 41	1 1	25 39	1 35	22 27	0 48	24 20	0 35	7 16	7 58	20 20	20 2	20 30			n.a.
M20	23 55	21 47	2 6	25 1	1 4	19 21	0 13	22 13	0 53	4 39	1 0	25 40	1 35	22 27	0 48	24 20	0 35	7 15	7 58	20 21	20 3	20 29			n.a.
T 21	23 58	21 21	0 48	24 50	0 58	18 59	0 8	22 4	0 52	4 36	1 0	25 40	1 35	22 26	0 48	24 20	0 35	7 15	7 58	20 22	20 3	20 28			n.a.
W22	24 1	19 25	0s33	24 38	0 52	18 37	0 4	21 55	0 51	4 34	1 0	25 40	1 35	22 25	0 48	24 21	0 35	7 14	7 57	20 22	20 4	20 28			n.a.
T 23	24 3	16 14	1 50	24 24	0 46	18 14	0 0	21 45	0 51	4 31	1 0	25 40	1 35	22 25	0 48	24 21	0 35	7 14	7 57	20 21	20 5	20 27			n.a.
F 24	24 4	12 8	2 59	24 10	0 40	17 51	0s 4	21 35	0 50	4 28	0 59	25 41	1 35	22 24	0 48	24 21	0 35	7 14	7 57	20 21	20 6	20 27			n.a.
S 25	24 5	7 27	3 56	23 53	0 34	17 27	0 9	21 26	0 49	4 25	0 59	25 41	1 35	22 23	0 48	24 21	0 35	7 13	7 56	20 21	20 6	20 26			n.a.
S 26	24 6	2 31	4 38	23 36	0 27	17 3	0 13	21 15	0 49	4 23	0 59	25 41	1 35	22 23	0 48	24 21	0 35	7 13	7 56	20 21	20 7	20 25			n.a.
M27	24 7	2n25	5 4	23 18	0 20	16 39	0 17	21 5	0 48	4 20	0 58	25 41	1 36	22 22	0 48	24 21	0 36	7 12	7 56	20 21	20 8	20 25			n.a.
T 28	24 6	7 8	5 13	22 59	0 14	16 14	0 22	20 55	0 47	4 17	0 58	25 41	1 36	22 21	0 48	24 22	0 36	7 12	7 55	20 22	20 8	20 24			n.a.
W29	24 6	11 26	5 7	22 38	0 7	15 49	0 27	20 44	0 47	4 14	0 58	25 41	1 36	22 21	0 48	24 22	0 36	7 11	7 55	20 23	20 9	20 24			n.a.
T 30	24 5	15 10	4 45	22 17	0s 1	15 23	0 31	20 33	0 46	4 11	0 58	25 42	1 36	22 20	0 48	24 22	0 36	7 11	7 54	20 24	20 10	20 23			n.a.
F 31	24n 3	18n11	4s11	21n55	0s 8	14n58	0s36	20n22	0n45	4n 7	0n57	25s42	1s36	22n19	0n48	24n22	0n36	7n10	7n54	20n25	20n11	20n22			n.a.

Julian Day Number = 201433.5, Delta T = 32h09m29s
Ecliptic obliquity = 24°06'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'46, Lahiri = -61°07'45 Julian Calendar 1 July 4162 BCE == Greg. Calendar 29 May 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

AUGUST 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 27 42	4♋47'02	20♊30	24♋41	20♌10	5♌24	22♍ 8	1°R53	26♋ 5	20♊46	0♎ 6	1°R18	2♌21	1♌ 8	n.a.	S 1
S 2	18 31 38	5°46'29	2♋33	26° 7	21°17	6° 6	22°16	1♏48	26° 9	20°48	0° 7	1♌14	2°17	1°15	n.a.	S 2
M 3	18 35 35	6°45'58	14°28	27°32	22°24	6°49	22°23	1°44	26°13	20°50	0° 7	1°12	2°14	1°22	n.a.	M 3
T 4	18 39 31	7°45'30	26°18	28°56	23°31	7°32	22°31	1°39	26°16	20°52	0° 8	1°D10	2°11	1°28	n.a.	T 4
W 5	18 43 28	8°45'04	8♌ 4	0♌19	24°38	8°15	22°39	1°34	26°20	20°54	0° 9	1°11	2° 8	1°35	n.a.	W 5
T 6	18 47 24	9°44'39	19°51	1°41	25°44	8°58	22°47	1°29	26°24	20°57	0° 9	1°12	2° 5	1°41	n.a.	T 6
F 7	18 51 21	10°44'17	1♍40	3° 2	26°50	9°41	22°55	1°24	26°27	20°59	0°10	1°13	2° 2	1°48	n.a.	F 7
S 8	18 55 18	11°43'57	13°36	4°22	27°56	10°24	23° 3	1°20	26°31	21° 1	0°11	1°15	1°58	1°55	n.a.	S 8
S 9	18 59 14	12°43'39	25°43	5°40	29° 2	11° 8	23°12	1°15	26°35	21° 3	0°12	1°16	1°55	2° 1	n.a.	S 9
M10	19 3 11	13°43'23	8♎ 6	6°57	0♍ 8	11°51	23°20	1°10	26°38	21° 5	0°13	1°R17	1°52	2° 8	n.a.	M10
T 11	19 7 7	14°43'09	20°49	8°13	1°13	12°34	23°29	1° 6	26°42	21° 7	0°13	1°17	1°49	2°15	n.a.	T 11
W12	19 11 4	15°42'57	3♏55	9°27	2°19	13°18	23°37	1° 1	26°46	21° 9	0°14	1°16	1°46	2°21	n.a.	W12
T 13	19 15 0	16°42'47	17°29	10°40	3°24	14° 1	23°46	0°57	26°50	21°11	0°15	1°15	1°42	2°28	n.a.	T 13
F 14	19 18 57	17°42'39	1♐31	11°51	4°29	14°44	23°55	0°52	26°53	21°13	0°16	1°13	1°39	2°35	n.a.	F 14
S 15	19 22 53	18°42'33	15°59	13° 0	5°33	15°28	24° 5	0°48	26°57	21°15	0°17	1°11	1°36	2°41	n.a.	S 15
S 16	19 26 50	19°42'29	0♑50	14° 6	6°37	16°12	24°14	0°43	27° 1	21°17	0°18	1°10	1°33	2°48	n.a.	S 16
M17	19 30 46	20°42'27	15°57	15°11	7°42	16°55	24°23	0°39	27° 5	21°19	0°19	1° 9	1°30	2°55	n.a.	M17
T 18	19 34 43	21°42'27	1♒10	16°14	8°45	17°39	24°33	0°35	27° 8	21°21	0°20	1°D 9	1°27	3° 1	n.a.	T 18
W19	19 38 39	22°42'29	16°19	17°13	9°49	18°23	24°42	0°30	27°12	21°23	0°21	1° 9	1°23	3° 8	n.a.	W19
T 20	19 42 36	23°42'34	1♓17	18°10	10°52	19° 7	24°52	0°26	27°16	21°25	0°22	1°10	1°20	3°15	n.a.	T 20
F 21	19 46 32	24°42'41	15°55	19° 3	11°55	19°51	25° 2	0°22	27°20	21°27	0°24	1°10	1°17	3°21	n.a.	F 21
S 22	19 50 29	25°42'50	0♈ 9	19°53	12°58	20°35	25°12	0°18	27°24	21°29	0°25	1°11	1°14	3°28	n.a.	S 22
S 23	19 54 26	26°43'02	13°58	20°39	14° 0	21°19	25°22	0°14	27°27	21°31	0°26	1°11	1°11	3°34	n.a.	S 23
M24	19 58 22	27°43'16	27°21	21°21	15° 3	22° 3	25°32	0°10	27°31	21°33	0°27	1°R11	1° 7	3°41	n.a.	M24
T 25	20 2 19	28°43'32	10♉21	21°57	16° 4	22°47	25°42	0° 6	27°35	21°35	0°29	1°11	1° 4	3°48	n.a.	T 25
W26	20 6 15	29°43'51	23° 1	22°28	17° 6	23°31	25°53	0° 2	27°39	21°37	0°30	1°11	1° 1	3°54	n.a.	W26
T 27	20 10 12	0♌44'12	5♊24	22°54	18° 7	24°16	26° 3	29♐58	27°42	21°39	0°31	1°D11	0°58	4° 1	n.a.	T 27
F 28	20 14 8	1°44'35	17°33	23°13	19° 8	25° 0	26°14	29°55	27°46	21°40	0°32	1°11	0°55	4° 8	n.a.	F 28
S 29	20 18 5	2°45'01	29°33	23°24	20° 8	25°44	26°24	29°51	27°50	21°42	0°34	1°11	0°52	4°14	n.a.	S 29
S 30	20 22 1	3°45'28	11♋26	23°R28	21° 9	26°29	26°35	29°47	27°54	21°44	0°35	1°11	0°48	4°21	n.a.	S 30
M31	20 25 58	4♌45'58	23♋15	23♌24	22♍ 8	27♌13	26♍46	29♐44	27♋58	21♊46	0♎37	1♌12	0♌45	4♌28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	24n 1	20n21	3s25	21n33	0s15	14n31	0s41	20n10	0n45	4n 4	0n57	25s42	1s36	22n19	0n48	24n22	0n36	7n10	7n54	20n26	20n11	20n22		n.a.	S 1
S 2	23 59	21 34	2 31	21 9	0 23	14 5	0 46	19 59	0 44	4 1	0 57	25 42	1 36	22 18	0 48	24 23	0 36	7 9	7 53	20 27	20 12	20 21		n.a.	S 2
M 3	23 56	21 48	1 31	20 45	0 30	13 38	0 50	19 47	0 43	3 58	0 56	25 42	1 36	22 17	0 48	24 23	0 36	7 8	7 53	20 27	20 13	20 20		n.a.	M 3
T 4	23 52	21 3	0 27	20 20	0 38	13 11	0 55	19 35	0 43	3 54	0 56	25 42	1 36	22 16	0 48	24 23	0 36	7 8	7 53	20 28	20 14	20 20		n.a.	T 4
W 5	23 49	19 22	0n38	19 55	0 45	12 44	1 0	19 23	0 42	3 51	0 56	25 43	1 36	22 16	0 48	24 23	0 36	7 7	7 52	20 28	20 14	20 19		n.a.	W 5
T 6	23 44	16 52	1 41	19 29	0 53	12 17	1 5	19 11	0 41	3 47	0 56	25 43	1 36	22 15	0 48	24 23	0 36	7 7	7 52	20 27	20 15	20 18		n.a.	T 6
F 7	23 40	13 40	2 41	19 3	1 1	11 49	1 10	18 58	0 41	3 44	0 55	25 43	1 36	22 14	0 48	24 23	0 36	7 6	7 52	20 27	20 16	20 18		n.a.	F 7
S 8	23 34	9 54	3 34	18 36	1 8	11 21	1 15	18 46	0 40	3 40	0 55	25 43	1 37	22 13	0 48	24 24	0 36	7 5	7 51	20 27	20 17	20 17		n.a.	S 8
S 9	23 29	5 41	4 18	18 10	1 16	10 53	1 21	18 33	0 39	3 37	0 55	25 43	1 37	22 13	0 48	24 24	0 36	7 5	7 51	20 26	20 17	20 16		n.a.	S 9
M10	23 23	1 9	4 52	17 43	1 24	10 24	1 26	18 20	0 39	3 33	0 55	25 43	1 37	22 12	0 48	24 24	0 36	7 4	7 51	20 26	20 18	20 16		n.a.	M10
T 11	23 16	3s33	5 12	17 15	1 31	9 56	1 31	18 7	0 38	3 29	0 54	25 43	1 37	22 11	0 48	24 24	0 36	7 3	7 50	20 26	20 19	20 15		n.a.	T 11
W12	23 9	8 13	5 17	16 48	1 39	9 27	1 36	17 53	0 37	3 25	0 54	25 43	1 37	22 10	0 48	24 24	0 36	7 3	7 50	20 26	20 20	20 14		n.a.	W12
T 13	23 2	12 40	5 5	16 21	1 46	8 58	1 41	17 40	0 36	3 22	0 54	25 43	1 37	22 10	0 48	24 24	0 36	7 2	7 50	20 27	20 20	20 14		n.a.	T 13
F 14	22 54	16 34	4 34	15 54	1 54	8 29	1 47	17 26	0 36	3 18	0 54	25 43	1 37	22 9	0 48	24 25	0 36	7 1	7 49	20 27	20 21	20 13		n.a.	F 14
S 15	22 46	19 37	3 45	15 28	2 1	8 0	1 52	17 12	0 35	3 14	0 53	25 43	1 37	22 8	0 48	24 25	0 36	7 1	7 49	20 27	20 22	20 12		n.a.	S 15
S 16	22 37	21 26	2 41	15 1	2 8	7 31	1 57	16 58	0 34	3 10	0 53	25 43	1 37	22 7	0 48	24 25	0 36	7 0	7 48	20 28	20 22	20 12		n.a.	S 16
M17	22 28	21 45	1 24	14 35	2 15	7 2	2 3	16 44	0 34	3 6	0 53	25 44	1 37	22 7	0 48	24 25	0 36	6 59	7 48	20 28	20 23	20 11		n.a.	M17
T 18	22 18	20 28	0s 0	14 10	2 22	6 33	2 8	16 30	0 33	3 2	0 53	25 44	1 37	22 6	0 48	24 25	0 36	6 59	7 48	20 28	20 24	20 10		n.a.	T 18
W19	22 8	17 43	1 23	13 46	2 28	6 3	2 13	16 15	0 32	2 57	0 52	25 44	1 37	22 5	0 48	24 25	0 36	6 58	7 47	20 28	20 25	20 9		n.a.	W19
T 20	21 58	13 48	2 40	13 22	2 34	5 34	2 19	16 0	0 32	2 53	0 52	25 44	1 37	22 4	0 48	24 25	0 36	6 57	7 47	20 28	20 25	20 9		n.a.	T 20
F 21	21 47	9 8	3 44	13 0	2 40	5 5	2 24	15 46	0 31	2 49	0 52	25 44	1 37	22 4	0 48	24 26	0 36	6 56	7 47	20 28	20 26	20 8		n.a.	F 21
S 22	21 36	4 5	4 33	12 39	2 46	4 35	2 29	15 31	0 30	2 45	0 52	25 44	1 37	22 3	0 48	24 26	0 36	6 55	7 47	20 27	20 27	20 7		n.a.	S 22
S 23	21 24	1n 0	5 4	12 19	2 51	4 6	2 35	15 15	0 29	2 41	0 51	25 44	1 37	22 2	0 48	24 26	0 36	6 55	7 46	20 27	20 27	20 7		n.a.	S 23
M24	21 12	5 54	5 18	12 2	2 55	3 36	2 40	15 0	0 29	2 36	0 51	25 44	1 37	22 1	0 48	24 26	0 36	6 54	7 46	20 27	20 28	20 6		n.a.	M24
T 25	20 59	10 22	5 14	11 46	2 59	3 7	2 45	14 45	0 28	2 32	0 51	25 44	1 37	22 1	0 48	24 26	0 36	6 53	7 46	20 27	20 29	20 5		n.a.	T 25
W26	20 47	14 17	4 56	11 33	3 2	2 38	2 50	14 29	0 27	2 27	0 51	25 44	1 37	22 0	0 48	24 26	0 36	6 52	7 45	20 27	20 30	20 4		n.a.	W26
T 27	20 33	17 29	4 23	11 22	3 5	2 8	2 56	14 13	0 27	2 23	0 51	25 44	1 37	21 59	0 48	24 27	0 36	6 51	7 45	20 27	20 30	20 4		n.a.	T 27
F 28	20 20	19 52	3 40	11 14	3 6	1 39	3 1	13 57	0 26	2 18	0 50	25 44	1 37	21 58	0 48	24 27	0 36	6 51	7 45	20 27	20 31	20 3		n.a.	F 28
S 29	20 6	21 19	2 47	11 10	3 7	1 10	3 6	13 41	0 25	2 14	0 50	25 44	1 37	21 58	0 48	24 27	0 36	6 50	7 44	20 27	20 32	20 2		n.a.	S 29
S 30	19 51	21 49	1 48	11 9	3 6	0 41	3 12	13 25	0 24	2 9	0 50	25 44	1 37	21 57	0 48	24 27	0 36	6 49	7 44	20 27	20 32	20 1		n.a.	S 30
M31	19n36	21n19	0s44	11n13	3s 4	0n12	3s17	13n 9	0n24	2n 5	0n50	25s44	1s37	21n56	0n48	24n27	0n36	6n48	7n44	20n27	20n33	20n 0		n.a.	M31

Julian Day Number = 201464.5, Delta T = 32h09m25s
Ecliptic obliquity = 24°06'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'42, Lahiri = -61°07'41 Julian Calendar 1 Aug. 4162 BCE == Greg. Calendar 29 June 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

SEPTEMBER 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 29 54	5♌46'29	5♌ 3	23°R10	23♍ 8	27♌58	26♍57	29°R40	28♋ 1	21♊48	0♎38	1°R12	0♌42	4♌34	n.a.	T 1
W 2	20 33 51	6°47'03	16°50	22♌48	24° 6	28°43	27° 8	29♐37	28° 5	21°49	0°40	1♌11	0°39	4°41	n.a.	W 2
T 3	20 37 47	7°47'38	28°40	22°15	25° 5	29°27	27°19	29°34	28° 9	21°51	0°41	1°11	0°36	4°48	n.a.	T 3
F 4	20 41 44	8°48'15	10♍35	21°33	26° 3	0♍12	27°30	29°31	28°13	21°53	0°43	1°10	0°33	4°54	n.a.	F 4
S 5	20 45 40	9°48'53	22°37	20°42	27° 1	0°57	27°42	29°28	28°16	21°54	0°44	1° 9	0°29	5° 1	n.a.	S 5
S 6	20 49 37	10°49'34	4♎49	19°41	27°58	1°42	27°53	29°25	28°20	21°56	0°46	1° 7	0°26	5° 8	n.a.	S 6
M 7	20 53 34	11°50'15	17°14	18°33	28°54	2°27	28° 5	29°22	28°24	21°58	0°47	1° 6	0°23	5°14	n.a.	M 7
T 8	20 57 30	12°50'59	29°55	17°19	29°50	3°12	28°16	29°19	28°28	21°59	0°49	1° 5	0°20	5°21	n.a.	T 8
W 9	21 1 27	13°51'43	12♏56	16° 1	0♎46	3°57	28°28	29°16	28°31	22° 1	0°51	1°D 5	0°17	5°27	n.a.	W 9
T 10	21 5 23	14°52'29	26°20	14°40	1°41	4°42	28°40	29°14	28°35	22° 2	0°52	1° 5	0°13	5°34	n.a.	T 10
F 11	21 9 20	15°53'17	10♐ 8	13°21	2°35	5°27	28°52	29°11	28°39	22° 4	0°54	1° 6	0°10	5°41	n.a.	F 11
S 12	21 13 16	16°54'06	24°21	12° 5	3°29	6°12	29° 4	29° 9	28°42	22° 5	0°56	1° 7	0° 7	5°47	n.a.	S 12
S 13	21 17 13	17°54'56	8♑58	10°55	4°22	6°57	29°15	29° 6	28°46	22° 7	0°58	1° 8	0° 4	5°54	n.a.	S 13
M14	21 21 9	18°55'48	23°54	9°53	5°14	7°43	29°28	29° 4	28°50	22° 8	0°59	1°R 9	0° 1	6° 1	n.a.	M14
T 15	21 25 6	19°56'41	9♒ 3	9° 0	6° 6	8°28	29°40	29° 2	28°53	22° 9	1° 1	1° 9	29♋58	6° 7	n.a.	T 15
W16	21 29 2	20°57'35	24°16	8°19	6°57	9°13	29°52	29° 0	28°57	22°11	1° 3	1° 8	29°54	6°14	n.a.	W16
T 17	21 32 59	21°58'31	9♓23	7°48	7°47	9°59	0♎ 4	28°58	29° 0	22°12	1° 5	1° 6	29°51	6°21	n.a.	T 17
F 18	21 36 56	22°59'28	24°14	7°30	8°36	10°44	0°17	28°56	29° 4	22°13	1° 7	1° 3	29°48	6°27	n.a.	F 18
S 19	21 40 52	24° 0'27	8♈43	7°D23	9°25	11°30	0°29	28°55	29° 7	22°15	1° 8	1° 0	29°45	6°34	n.a.	S 19
S 20	21 44 49	25° 1'27	22°44	7°28	10°13	12°15	0°41	28°53	29°11	22°16	1°10	0°57	29°42	6°41	n.a.	S 20
M21	21 48 45	26° 2'29	6♉17	7°43	11° 0	13° 1	0°54	28°52	29°15	22°17	1°12	0°54	29°39	6°47	n.a.	M21
T 22	21 52 42	27° 3'33	19°23	8° 7	11°46	13°47	1° 7	28°50	29°18	22°18	1°14	0°53	29°35	6°54	n.a.	T 22
W23	21 56 38	28° 4'38	2♊ 3	8°40	12°31	14°32	1°19	28°49	29°21	22°20	1°16	0°D53	29°32	7° 1	n.a.	W23
T 24	22 0 35	29° 5'45	14°24	9°21	13°15	15°18	1°32	28°48	29°25	22°21	1°18	0°53	29°29	7° 7	n.a.	T 24
F 25	22 4 31	0♍ 6'53	26°29	10° 9	13°58	16° 4	1°45	28°47	29°28	22°22	1°20	0°55	29°26	7°14	n.a.	F 25
S 26	22 8 28	1° 8'03	8♋24	11° 3	14°40	16°50	1°58	28°46	29°32	22°23	1°22	0°57	29°23	7°20	n.a.	S 26
S 27	22 12 25	2° 9'14	20°12	12° 2	15°20	17°36	2°11	28°45	29°35	22°24	1°24	0°59	29°19	7°27	n.a.	S 27
M28	22 16 21	3°10'26	1♌58	13° 6	16° 0	18°22	2°23	28°44	29°38	22°25	1°26	0°R59	29°16	7°34	n.a.	M28
T 29	22 20 18	4°11'40	13°45	14°14	16°39	19° 8	2°37	28°44	29°42	22°26	1°28	0°58	29°13	7°40	n.a.	T 29
W30	22 24 14	5♍12'54	25♌36	15♌26	17♎16	19♍54	2♎50	28♐43	29♋45	22♊27	1♎30	0♌55	29♋10	7♌47	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
T 1	19n21	19n53	0n21	11n21	3s 0	0s16	3s22	12n52	0n23	2n 0	0n49	25s44	1s37	21n55	0n48	24n27	0n36	6n47	7n43	20n27	20n34	20n 0		n.a.		T 1
W 2	19 6	17 35	1 26	11 33	2 55	0 45	3 27	12 36	0 22	1 55	0 49	25 44	1 37	21 54	0 48	24 27	0 36	6 46	7 43	20 27	20 35	19 59		n.a.		W 2
T 3	18 50	14 33	2 27	11 50	2 48	1 13	3 32	12 19	0 21	1 50	0 49	25 44	1 37	21 54	0 48	24 28	0 36	6 45	7 43	20 27	20 35	19 58		n.a.		T 3
F 4	18 34	10 54	3 22	12 12	2 39	1 41	3 37	12 2	0 21	1 46	0 49	25 43	1 37	21 53	0 48	24 28	0 36	6 44	7 42	20 28	20 36	19 57		n.a.		F 4
S 5	18 17	6 48	4 9	12 39	2 29	2 9	3 42	11 45	0 20	1 41	0 49	25 43	1 37	21 52	0 48	24 28	0 36	6 44	7 42	20 28	20 37	19 57		n.a.		S 5
S 6	18 0	2 22	4 45	13 11	2 16	2 37	3 47	11 28	0 19	1 36	0 48	25 43	1 37	21 51	0 48	24 28	0 36	6 43	7 42	20 28	20 37	19 56		n.a.		S 6
M 7	17 43	2s13	5 8	13 47	2 1	3 5	3 52	11 11	0 19	1 31	0 48	25 43	1 37	21 51	0 48	24 28	0 36	6 42	7 42	20 29	20 38	19 55		n.a.		M 7
T 8	17 26	6 49	5 17	14 25	1 44	3 32	3 57	10 54	0 18	1 26	0 48	25 43	1 37	21 50	0 48	24 28	0 37	6 41	7 41	20 29	20 39	19 54		n.a.		T 8
W 9	17 8	11 14	5 11	15 7	1 26	3 59	4 1	10 36	0 17	1 21	0 48	25 43	1 37	21 49	0 48	24 28	0 37	6 40	7 41	20 29	20 40	19 53		n.a.		W 9
T 10	16 50	15 14	4 47	15 49	1 7	4 26	4 6	10 19	0 16	1 16	0 48	25 43	1 37	21 48	0 48	24 28	0 37	6 39	7 41	20 29	20 40	19 52		n.a.		T 10
F 11	16 31	18 32	4 7	16 32	0 47	4 52	4 11	10 1	0 16	1 11	0 47	25 43	1 36	21 48	0 48	24 29	0 37	6 38	7 40	20 29	20 41	19 52		n.a.		F 11
S 12	16 12	20 49	3 10	17 13	0 27	5 18	4 15	9 43	0 15	1 6	0 47	25 43	1 36	21 47	0 48	24 29	0 37	6 37	7 40	20 28	20 42	19 51		n.a.		S 12
S 13	15 53	21 48	2 0	17 53	0 6	5 44	4 20	9 25	0 14	1 1	0 47	25 43	1 36	21 46	0 48	24 29	0 37	6 36	7 40	20 28	20 42	19 50		n.a.		S 13
M14	15 34	21 16	0 40	18 29	0n13	6 9	4 24	9 7	0 13	0 56	0 47	25 43	1 36	21 45	0 48	24 29	0 37	6 35	7 40	20 28	20 43	19 49		n.a.		M14
T 15	15 14	19 12	0s44	19 1	0 32	6 34	4 28	8 49	0 13	0 51	0 47	25 43	1 36	21 45	0 48	24 29	0 37	6 34	7 39	20 28	20 44	19 48		n.a.		T 15
W16	14 55	15 45	2 4	19 30	0 50	6 59	4 32	8 31	0 12	0 46	0 46	25 43	1 36	21 44	0 48	24 29	0 37	6 33	7 39	20 28	20 44	19 47		n.a.		W16
T 17	14 34	11 17	3 16	19 53	1 5	7 23	4 36	8 13	0 11	0 41	0 46	25 43	1 36	21 43	0 48	24 29	0 37	6 32	7 39	20 29	20 45	19 47		n.a.		T 17
F 18	14 14	6 12	4 13	20 12	1 20	7 46	4 40	7 54	0 11	0 35	0 46	25 43	1 36	21 42	0 48	24 29	0 37	6 31	7 39	20 29	20 46	19 46		n.a.		F 18
S 19	13 53	0 54	4 52	20 26	1 33	8 10	4 44	7 36	0 10	0 30	0 46	25 42	1 36	21 42	0 48	24 30	0 37	6 30	7 38	20 30	20 46	19 45		n.a.		S 19
S 20	13 32	4n16	5 12	20 35	1 44	8 32	4 48	7 18	0 9	0 25	0 46	25 42	1 36	21 41	0 48	24 30	0 37	6 29	7 38	20 31	20 47	19 44		n.a.		S 20
M21	13 11	9 4	5 14	20 40	1 53	8 55	4 51	6 59	0 8	0 20	0 46	25 42	1 36	21 40	0 48	24 30	0 37	6 28	7 38	20 31	20 48	19 43		n.a.		M21
T 22	12 50	13 16	4 59	20 41	2 1	9 16	4 55	6 40	0 8	0 14	0 45	25 42	1 36	21 39	0 48	24 30	0 37	6 27	7 38	20 32	20 49	19 42		n.a.		T 22
W23	12 28	16 45	4 30	20 38	2 7	9 37	4 58	6 21	0 7	0 9	0 45	25 42	1 36	21 39	0 48	24 30	0 37	6 26	7 37	20 32	20 49	19 41		n.a.		W23
T 24	12 7	19 23	3 49	20 32	2 12	9 58	5 1	6 3	0 6	0 4	0 45	25 42	1 36	21 38	0 48	24 30	0 37	6 25	7 37	20 31	20 50	19 40		n.a.		T 24
F 25	11 45	21 5	2 58	20 22	2 16	10 18	5 4	5 44	0 5	0s 2	0 45	25 42	1 36	21 37	0 48	24 30	0 37	6 24	7 37	20 31	20 51	19 39		n.a.		F 25
S 26	11 22	21 50	2 1	20 9	2 18	10 37	5 6	5 25	0 5	0 7	0 45	25 42	1 35	21 37	0 48	24 30	0 37	6 23	7 37	20 31	20 51	19 39		n.a.		S 26
S 27	11 0	21 34	0 59	19 53	2 20	10 56	5 9	5 6	0 4	0 13	0 45	25 42	1 35	21 36	0 48	24 30	0 37	6 22	7 37	20 30	20 52	19 38		n.a.		S 27
M28	10 37	20 22	0n 5	19 35	2 20	11 14	5 11	4 47	0 3	0 18	0 44	25 42	1 35	21 35	0 48	24 30	0 37	6 21	7 36	20 30	20 53	19 37		n.a.		M28
T 29	10 15	18 16	1 9	19 15	2 20	11 31	5 13	4 27	0 2	0 24	0 44	25 42	1 35	21 34	0 48	24 31	0 37	6 20	7 36	20 30	20 53	19 36		n.a.		T 29
W30	9n52	15n23	2n11	18n52	2n19	11s47	5s15	4n 8	0n 2	0s29	0n44	25s42	1s35	21n34	0n48	24n31	0n37	6n19	7n36	20n31	20n54	19n35		n.a.		W30

Julian Day Number = 201495.5, Delta T = 32h09m22s
Ecliptic obliquity = 24°06'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'37, Lahiri = -61°07'37 Julian Calendar 1 Sept. 4162 BCE == Greg. Calendar 30 July 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

OCTOBER 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 28 11	6♍14'09	7♍34	16♌41	17♎52	20♍40	3♎ 3	28°R43	29♋48	22♊28	1♎32	0°R51	29♋ 7	7♌54	n.a.	T 1
F 2	22 32 7	7°15'26	19°39	17°58	18°26	21°26	3°16	28♐42	29°51	22°29	1°34	0♌45	29° 4	8° 0	n.a.	F 2
S 3	22 36 4	8°16'43	1♎54	19°17	18°59	22°12	3°29	28°42	29°55	22°30	1°36	0°38	29° 0	8° 7	n.a.	S 3
S 4	22 40 0	9°18'00	14°19	20°38	19°31	22°58	3°42	28°D42	29°58	22°30	1°39	0°30	28°57	8°14	n.a.	S 4
M 5	22 43 57	10°19'19	26°55	22° 1	20° 1	23°44	3°56	28°42	0♌ 1	22°31	1°41	0°24	28°54	8°20	n.a.	M 5
T 6	22 47 54	11°20'38	9♏44	23°25	20°29	24°31	4° 9	28°42	0° 4	22°32	1°43	0°18	28°51	8°27	n.a.	T 6
W 7	22 51 50	12°21'58	22°48	24°51	20°56	25°17	4°22	28°43	0° 7	22°33	1°45	0°14	28°48	8°34	n.a.	W 7
T 8	22 55 47	13°23'18	6♐ 8	26°17	21°21	26° 3	4°36	28°43	0°10	22°33	1°47	0°12	28°44	8°40	n.a.	T 8
F 9	22 59 43	14°24'38	19°45	27°45	21°44	26°50	4°49	28°44	0°13	22°34	1°49	0°D12	28°41	8°47	n.a.	F 9
S 10	23 3 40	15°25'59	3♑42	29°13	22° 5	27°36	5° 3	28°44	0°16	22°35	1°51	0°13	28°38	8°54	n.a.	S 10
S 11	23 7 36	16°27'20	17°59	0♍41	22°25	28°22	5°16	28°45	0°19	22°35	1°54	0°14	28°35	9° 0	n.a.	S 11
M12	23 11 33	17°28'41	2♒33	2°11	22°42	29° 9	5°30	28°46	0°22	22°36	1°56	0°R15	28°32	9° 7	n.a.	M12
T 13	23 15 30	18°30'02	17°22	3°40	22°57	29°55	5°43	28°47	0°25	22°36	1°58	0°13	28°29	9°13	n.a.	T 13
W14	23 19 26	19°31'24	2♓19	5°10	23°10	0♎42	5°57	28°48	0°28	22°37	2° 0	0°10	28°25	9°20	n.a.	W14
T 15	23 23 23	20°32'46	17°16	6°41	23°21	1°29	6°11	28°49	0°30	22°37	2° 2	0° 4	28°22	9°27	n.a.	T 15
F 16	23 27 19	21°34'08	2♈ 4	8°12	23°30	2°15	6°24	28°50	0°33	22°38	2° 4	29♋56	28°19	9°33	n.a.	F 16
S 17	23 31 16	22°35'30	16°35	9°43	23°36	3° 2	6°38	28°52	0°36	22°38	2° 7	29°47	28°16	9°40	n.a.	S 17
S 18	23 35 12	23°36'53	0♉43	11°14	23°40	3°48	6°52	28°53	0°39	22°38	2° 9	29°38	28°13	9°47	n.a.	S 18
M19	23 39 9	24°38'16	14°23	12°46	23°R41	4°35	7° 6	28°55	0°41	22°39	2°11	29°30	28°10	9°53	n.a.	M19
T 20	23 43 5	25°39'40	27°35	14°18	23°40	5°22	7°19	28°57	0°44	22°39	2°13	29°24	28° 6	10° 0	n.a.	T 20
W21	23 47 2	26°41'04	10♊22	15°50	23°37	6° 9	7°33	28°59	0°46	22°39	2°16	29°21	28° 3	10° 7	n.a.	W21
T 22	23 50 59	27°42'29	22°46	17°23	23°31	6°55	7°47	29° 1	0°49	22°39	2°18	29°D19	28° 0	10°13	n.a.	T 22
F 23	23 54 55	28°43'54	4♋52	18°55	23°22	7°42	8° 1	29° 3	0°51	22°39	2°20	29°19	27°57	10°20	n.a.	F 23
S 24	23 58 52	29°45'19	16°46	20°28	23°11	8°29	8°15	29° 5	0°54	22°40	2°22	29°20	27°54	10°27	n.a.	S 24
S 25	0 2 48	0♎46'44	28°33	22° 1	22°58	9°16	8°28	29° 7	0°56	22°40	2°25	29°R20	27°50	10°33	n.a.	S 25
M26	0 6 45	1°48'09	10♌19	23°34	22°42	10° 3	8°42	29° 9	0°58	22°40	2°27	29°20	27°47	10°40	n.a.	M26
T 27	0 10 42	2°49'35	22° 9	25° 8	22°23	10°50	8°56	29°12	1° 1	22°R40	2°29	29°17	27°44	10°47	n.a.	T 27
W28	0 14 38	3°51'00	4♍ 5	26°42	22° 2	11°37	9°10	29°15	1° 3	22°40	2°31	29°11	27°41	10°53	n.a.	W28
T 29	0 18 35	4°52'26	16°11	28°16	21°40	12°24	9°24	29°17	1° 5	22°40	2°34	29° 3	27°38	11° 0	n.a.	T 29
F 30	0 22 31	5°53'51	28°29	29°50	21°14	13°11	9°38	29°20	1° 7	22°40	2°36	28°52	27°35	11° 7	n.a.	F 30
S 31	0 26 28	6♎55'16	11♎ 0	1♎25	20♎47	13♎58	9♎52	29♐23	1♌ 9	22♊40	2♎38	28♋40	27♋31	11♌13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9n28	11n50	3n 7	18n27	2n17	12s 3	5s17	3n49	0n 1	0s35	0n44	25s41	1s35	21n33	0n48	24n31	0n37	6n18	7n36	20n32	20n55	19n34			n.a.
F 2	9 5	7 47	3 55	18 0	2 15	12 18	5 18	3 30	0 0	0 40	0 44	25 41	1 35	21 32	0 48	24 31	0 37	6 17	7 36	20 33	20 55	19 33			n.a.
S 3	8 42	3 22	4 32	17 32	2 12	12 32	5 19	3 10	0s 0	0 46	0 44	25 41	1 35	21 32	0 49	24 31	0 37	6 16	7 35	20 35	20 56	19 32			n.a.
S 4	8 18	1s14	4 58	17 2	2 8	12 45	5 20	2 51	0 1	0 51	0 43	25 41	1 35	21 31	0 49	24 31	0 37	6 15	7 35	20 37	20 57	19 31			n.a.
M 5	7 54	5 52	5 10	16 31	2 5	12 58	5 21	2 31	0 2	0 57	0 43	25 41	1 35	21 30	0 49	24 31	0 37	6 14	7 35	20 38	20 57	19 30			n.a.
T 6	7 30	10 19	5 6	15 59	2 0	13 9	5 21	2 12	0 3	1 2	0 43	25 41	1 35	21 30	0 49	24 31	0 37	6 13	7 35	20 39	20 58	19 29			n.a.
W 7	7 6	14 22	4 47	15 25	1 56	13 20	5 21	1 52	0 3	1 8	0 43	25 41	1 35	21 29	0 49	24 31	0 37	6 12	7 35	20 40	20 59	19 28			n.a.
T 8	6 42	17 49	4 12	14 50	1 51	13 29	5 21	1 33	0 4	1 13	0 43	25 41	1 34	21 28	0 49	24 31	0 38	6 11	7 34	20 41	20 59	19 27			n.a.
F 9	6 18	20 21	3 22	14 15	1 46	13 38	5 20	1 13	0 5	1 19	0 43	25 41	1 34	21 28	0 49	24 31	0 38	6 10	7 34	20 41	21 0	19 26			n.a.
S 10	5 54	21 45	2 19	13 38	1 40	13 45	5 20	0 54	0 6	1 25	0 43	25 41	1 34	21 27	0 49	24 31	0 38	6 9	7 34	20 40	21 1	19 25			n.a.
S 11	5 29	21 47	1 6	13 1	1 35	13 51	5 18	0 34	0 6	1 30	0 42	25 41	1 34	21 27	0 49	24 31	0 38	6 8	7 34	20 40	21 1	19 25			n.a.
M12	5 5	20 21	0s13	12 22	1 29	13 56	5 16	0 14	0 7	1 36	0 42	25 41	1 34	21 26	0 49	24 32	0 38	6 7	7 34	20 40	21 2	19 24			n.a.
T 13	4 40	17 30	1 31	11 44	1 23	14 0	5 14	0s 5	0 8	1 42	0 42	25 40	1 34	21 25	0 49	24 32	0 38	6 6	7 34	20 40	21 3	19 23			n.a.
W14	4 16	13 29	2 44	11 4	1 17	14 3	5 12	0 25	0 8	1 47	0 42	25 40	1 34	21 25	0 49	24 32	0 38	6 5	7 33	20 41	21 3	19 22			n.a.
T 15	3 51	8 37	3 46	10 24	1 11	14 4	5 9	0 45	0 9	1 53	0 42	25 40	1 34	21 24	0 49	24 32	0 38	6 4	7 33	20 42	21 4	19 21			n.a.
F 16	3 26	3 17	4 31	9 43	1 5	14 4	5 5	1 4	0 10	1 59	0 42	25 40	1 34	21 24	0 49	24 32	0 38	6 3	7 33	20 44	21 5	19 20			n.a.
S 17	3 1	2n 7	4 59	9 2	0 58	14 3	5 1	1 24	0 11	2 4	0 42	25 40	1 34	21 23	0 49	24 32	0 38	6 2	7 33	20 46	21 5	19 19			n.a.
S 18	2 36	7 16	5 6	8 21	0 52	14 0	4 57	1 44	0 11	2 10	0 41	25 40	1 34	21 23	0 49	24 32	0 38	6 1	7 33	20 48	21 6	19 18			n.a.
M19	2 11	11 54	4 56	7 39	0 45	13 56	4 52	2 3	0 12	2 16	0 41	25 40	1 33	21 22	0 49	24 32	0 38	6 0	7 33	20 50	21 7	19 17			n.a.
T 20	1 46	15 47	4 31	6 56	0 39	13 51	4 46	2 23	0 13	2 21	0 41	25 40	1 33	21 21	0 49	24 32	0 38	5 59	7 33	20 51	21 7	19 16			n.a.
W21	1 21	18 48	3 52	6 14	0 32	13 44	4 40	2 43	0 13	2 27	0 41	25 40	1 33	21 21	0 49	24 32	0 38	5 58	7 33	20 52	21 8	19 15			n.a.
T 22	0 56	20 52	3 3	5 31	0 26	13 35	4 33	3 2	0 14	2 33	0 41	25 40	1 33	21 20	0 49	24 32	0 38	5 57	7 32	20 52	21 9	19 13			n.a.
F 23	0 31	21 54	2 7	4 48	0 19	13 25	4 26	3 22	0 15	2 39	0 41	25 40	1 33	21 20	0 49	24 32	0 38	5 56	7 32	20 52	21 9	19 12			n.a.
S 24	0 6	21 55	1 7	4 4	0 12	13 14	4 18	3 42	0 16	2 44	0 41	25 40	1 33	21 19	0 49	24 32	0 38	5 55	7 32	20 52	21 10	19 11			n.a.
S 25	0s19	20 58	0 4	3 21	0 6	13 1	4 10	4 1	0 16	2 50	0 41	25 40	1 33	21 19	0 49	24 32	0 38	5 54	7 32	20 52	21 11	19 10			n.a.
M26	0 44	19 5	0n58	2 37	0s 1	12 47	4 1	4 21	0 17	2 56	0 40	25 39	1 33	21 18	0 49	24 32	0 38	5 53	7 32	20 52	21 11	19 9			n.a.
T 27	1 9	16 23	1 59	1 53	0 7	12 31	3 51	4 40	0 18	3 1	0 40	25 39	1 33	21 18	0 49	24 32	0 38	5 52	7 32	20 53	21 12	19 8			n.a.
W28	1 34	12 59	2 54	1 9	0 13	12 13	3 41	5 0	0 18	3 7	0 40	25 39	1 33	21 17	0 49	24 32	0 38	5 51	7 32	20 54	21 13	19 7			n.a.
T 29	1 59	9 0	3 43	0 24	0 20	11 54	3 30	5 19	0 19	3 13	0 40	25 39	1 33	21 17	0 49	24 32	0 38	5 50	7 32	20 55	21 13	19 6			n.a.
F 30	2 24	4 35	4 21	0s20	0 26	11 34	3 19	5 39	0 20	3 19	0 40	25 39	1 32	21 17	0 50	24 32	0 38	5 49	7 32	20 58	21 14	19 5			n.a.
S 31	2s49	0s 5	4n48	1s 4	0s32	11s12	3s 7	5s58	0s20	3s24	0n40	25s39	1s32	21n16	0n50	24n32	0n38	5n48	7n32	21n 0	21n14	19n 4			n.a.

Julian Day Number = 201525.5, Delta T = 32h09m19s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'33, Lahiri = -61°07'33 Julian Calendar 1 Oct. 4162 BCE == Greg. Calendar 29 Aug. 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

NOVEMBER 4162 BCE (-4161) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 30 24	7♎56'40	23♎44	3♎ 0	20°R18	14♎45	10♎ 6	29♐26	1♏11	22°R39	2♎40	28°R27	27♋28	11♏20	n.a.	S 1
M 2	0 34 21	8°58'04	6♏40	4°36	19♎47	15°32	10°20	29°29	1°13	22♊39	2°42	28♋14	27°25	11°26	n.a.	M 2
T 3	0 38 18	9°59'28	19°48	6°11	19°15	16°19	10°34	29°32	1°15	22°39	2°45	28° 3	27°22	11°33	n.a.	T 3
W 4	0 42 14	11° 0'51	3♐ 7	7°47	18°41	17° 6	10°48	29°36	1°17	22°39	2°47	27°55	27°19	11°40	n.a.	W 4
T 5	0 46 11	12° 2'13	16°36	9°24	18° 6	17°53	11° 2	29°39	1°19	22°38	2°49	27°50	27°15	11°46	n.a.	T 5
F 6	0 50 7	13° 3'34	0♑16	11° 1	17°30	18°40	11°16	29°43	1°21	22°38	2°51	27°48	27°12	11°53	n.a.	F 6
S 7	0 54 4	14° 4'55	14° 7	12°38	16°54	19°27	11°30	29°46	1°23	22°38	2°54	27°D47	27° 9	12° 0	n.a.	S 7
S 8	0 58 0	15° 6'14	28°10	14°15	16°17	20°14	11°44	29°50	1°24	22°37	2°56	27°R47	27° 6	12° 6	n.a.	S 8
M 9	1 1 57	16° 7'33	12♒24	15°54	15°40	21° 1	11°58	29°54	1°26	22°37	2°58	27°47	27° 3	12°13	n.a.	M 9
T 10	1 5 54	17° 8'50	26°47	17°32	15° 3	21°49	12°12	29°58	1°28	22°37	3° 0	27°44	27° 0	12°20	n.a.	T 10
W11	1 9 50	18°10'07	11♓17	19°11	14°26	22°36	12°25	0♑ 2	1°29	22°36	3° 2	27°39	26°56	12°26	n.a.	W11
T 12	1 13 47	19°11'22	25°49	20°51	13°50	23°23	12°39	0° 6	1°31	22°36	3° 5	27°30	26°53	12°33	n.a.	T 12
F 13	1 17 43	20°12'36	10♈17	22°30	13°15	24°10	12°53	0°10	1°32	22°35	3° 7	27°19	26°50	12°40	n.a.	F 13
S 14	1 21 40	21°13'50	24°33	24°11	12°41	24°57	13° 7	0°15	1°33	22°34	3° 9	27° 7	26°47	12°46	n.a.	S 14
S 15	1 25 36	22°15'02	8♉31	25°52	12° 8	25°45	13°21	0°19	1°35	22°34	3°11	26°54	26°44	12°53	n.a.	S 15
M16	1 29 33	23°16'14	22° 8	27°33	11°37	26°32	13°35	0°23	1°36	22°33	3°13	26°42	26°41	13° 0	n.a.	M16
T 17	1 33 30	24°17'25	5♊20	29°15	11° 8	27°19	13°49	0°28	1°37	22°33	3°15	26°33	26°37	13° 6	n.a.	T 17
W18	1 37 26	25°18'35	18° 9	0♏57	10°40	28° 6	14° 3	0°33	1°38	22°32	3°17	26°26	26°34	13°13	n.a.	W18
T 19	1 41 23	26°19'44	0♋36	2°40	10°15	28°53	14°16	0°37	1°40	22°31	3°19	26°22	26°31	13°20	n.a.	T 19
F 20	1 45 19	27°20'52	12°45	4°23	9°52	29°41	14°30	0°42	1°41	22°30	3°22	26°20	26°28	13°26	n.a.	F 20
S 21	1 49 16	28°22'00	24°41	6° 6	9°31	0♏28	14°44	0°47	1°42	22°30	3°24	26°20	26°25	13°33	n.a.	S 21
S 22	1 53 13	29°23'06	6♌30	7°50	9°12	1°15	14°58	0°52	1°43	22°29	3°26	26°20	26°21	13°39	n.a.	S 22
M23	1 57 9	0♏24'12	18°17	9°34	8°56	2° 3	15°12	0°57	1°43	22°28	3°28	26°19	26°18	13°46	n.a.	M23
T 24	2 1 6	1°25'16	0♍ 9	11°18	8°43	2°50	15°25	1° 2	1°44	22°27	3°30	26°16	26°15	13°53	n.a.	T 24
W25	2 5 2	2°26'20	12° 8	13° 2	8°32	3°37	15°39	1° 7	1°45	22°26	3°32	26°10	26°12	13°59	n.a.	W25
T 26	2 8 59	3°27'22	24°21	14°46	8°23	4°24	15°53	1°13	1°46	22°25	3°34	26° 2	26° 9	14° 6	n.a.	T 26
F 27	2 12 55	4°28'23	6♎50	16°29	8°17	5°12	16° 6	1°18	1°47	22°24	3°36	25°51	26° 6	14°13	n.a.	F 27
S 28	2 16 52	5°29'23	19°35	18°12	8°13	5°59	16°20	1°24	1°47	22°23	3°38	25°38	26° 2	14°19	n.a.	S 28
S 29	2 20 49	6°30'21	2♏38	19°54	8°D12	6°46	16°33	1°29	1°48	22°22	3°40	25°24	25°59	14°26	n.a.	S 29
M30	2 24 45	7♏31'18	15♏57	21♏35	8♎14	7♏33	16♎47	1♑35	1♏48	22♊21	3♎42	25♋11	25♋56	14♏33	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s14	4s49	5n 1	1s48	0s38	10s49	2s54	6s17	0s21	3s30	0n40	25s39	1s32	21n16	0n50	24n32	0n38	5n47	7n31	21n 3	21n15	19n 3		n.a.
M 2	3 39	9 26	4 59	2 33	0 44	10 25	2 41	6 37	0 22	3 36	0 40	25 39	1 32	21 15	0 50	24 32	0 38	5 46	7 31	21 6	21 16	19 2		n.a.
T 3	4 4	13 41	4 41	3 17	0 50	10 0	2 28	6 56	0 23	3 42	0 40	25 39	1 32	21 15	0 50	24 33	0 38	5 45	7 31	21 8	21 16	19 1		n.a.
W 4	4 29	17 20	4 7	4 1	0 56	9 34	2 14	7 15	0 23	3 47	0 39	25 39	1 32	21 15	0 50	24 33	0 38	5 44	7 31	21 10	21 17	19 0		n.a.
T 5	4 53	20 6	3 20	4 45	1 1	9 7	2 0	7 34	0 24	3 53	0 39	25 39	1 32	21 14	0 50	24 33	0 39	5 43	7 31	21 11	21 18	18 59		n.a.
F 6	5 18	21 46	2 20	5 29	1 7	8 40	1 45	7 53	0 25	3 59	0 39	25 39	1 32	21 14	0 50	24 33	0 39	5 42	7 31	21 11	21 18	18 58		n.a.
S 7	5 42	22 9	1 12	6 13	1 12	8 12	1 30	8 12	0 25	4 4	0 39	25 39	1 32	21 13	0 50	24 33	0 39	5 41	7 31	21 11	21 19	18 56		n.a.
S 8	6 7	21 9	0s 2	6 57	1 17	7 43	1 15	8 31	0 26	4 10	0 39	25 38	1 32	21 13	0 50	24 33	0 39	5 40	7 31	21 11	21 20	18 55		n.a.
M 9	6 31	18 47	1 17	7 40	1 22	7 15	1 0	8 50	0 27	4 16	0 39	25 38	1 32	21 13	0 50	24 33	0 39	5 39	7 31	21 11	21 20	18 54		n.a.
T 10	6 55	15 14	2 27	8 24	1 26	6 46	0 44	9 9	0 27	4 21	0 39	25 38	1 32	21 12	0 50	24 33	0 39	5 38	7 31	21 12	21 21	18 53		n.a.
W11	7 19	10 44	3 29	9 6	1 31	6 17	0 29	9 28	0 28	4 27	0 39	25 38	1 31	21 12	0 50	24 33	0 39	5 37	7 31	21 13	21 22	18 52		n.a.
T 12	7 43	5 36	4 16	9 49	1 35	5 49	0 13	9 46	0 29	4 33	0 39	25 38	1 31	21 12	0 50	24 33	0 39	5 36	7 31	21 15	21 22	18 51		n.a.
F 13	8 7	0 12	4 48	10 31	1 39	5 21	0n 2	10 5	0 29	4 38	0 39	25 38	1 31	21 12	0 50	24 33	0 39	5 35	7 31	21 17	21 23	18 50		n.a.
S 14	8 30	5n 8	5 0	11 13	1 42	4 53	0 17	10 23	0 30	4 44	0 38	25 38	1 31	21 11	0 50	24 33	0 39	5 34	7 31	21 19	21 23	18 49		n.a.
S 15	8 54	10 6	4 54	11 54	1 46	4 27	0 32	10 42	0 31	4 50	0 38	25 38	1 31	21 11	0 50	24 33	0 39	5 34	7 31	21 22	21 24	18 47		n.a.
M16	9 17	14 26	4 32	12 34	1 49	4 1	0 46	11 0	0 31	4 55	0 38	25 38	1 31	21 11	0 50	24 33	0 39	5 33	7 31	21 24	21 25	18 46		n.a.
T 17	9 40	17 56	3 55	13 14	1 51	3 36	1 1	11 18	0 32	5 1	0 38	25 38	1 31	21 11	0 50	24 33	0 39	5 32	7 31	21 26	21 25	18 45		n.a.
W18	10 3	20 27	3 7	13 54	1 53	3 12	1 14	11 36	0 32	5 6	0 38	25 38	1 31	21 10	0 50	24 33	0 39	5 31	7 31	21 28	21 26	18 44		n.a.
T 19	10 26	21 55	2 12	14 32	1 55	2 50	1 28	11 54	0 33	5 12	0 38	25 38	1 31	21 10	0 50	24 33	0 39	5 30	7 31	21 28	21 27	18 43		n.a.
F 20	10 49	22 18	1 11	15 10	1 57	2 28	1 41	12 12	0 34	5 18	0 38	25 37	1 31	21 10	0 51	24 33	0 39	5 29	7 31	21 29	21 27	18 42		n.a.
S 21	11 11	21 39	0 9	15 46	1 58	2 8	1 53	12 29	0 34	5 23	0 38	25 37	1 31	21 10	0 51	24 33	0 39	5 28	7 31	21 29	21 28	18 41		n.a.
S 22	11 34	20 2	0n54	16 22	1 58	1 50	2 6	12 47	0 35	5 29	0 38	25 37	1 31	21 10	0 51	24 33	0 39	5 27	7 31	21 29	21 28	18 39		n.a.
M23	11 56	17 34	1 54	16 57	1 58	1 33	2 17	13 4	0 36	5 34	0 38	25 37	1 31	21 9	0 51	24 33	0 39	5 27	7 31	21 29	21 29	18 38		n.a.
T 24	12 18	14 21	2 49	17 30	1 58	1 17	2 28	13 22	0 36	5 40	0 38	25 37	1 31	21 9	0 51	24 33	0 39	5 26	7 31	21 29	21 30	18 37		n.a.
W25	12 39	10 32	3 37	18 2	1 57	1 3	2 39	13 39	0 37	5 45	0 37	25 37	1 31	21 9	0 51	24 33	0 39	5 25	7 31	21 31	21 30	18 36		n.a.
T 26	13 1	6 13	4 17	18 32	1 55	0 51	2 49	13 56	0 37	5 51	0 37	25 37	1 30	21 9	0 51	24 32	0 39	5 24	7 31	21 32	21 31	18 35		n.a.
F 27	13 22	1 33	4 45	19 1	1 52	0 40	2 58	14 13	0 38	5 56	0 37	25 37	1 30	21 9	0 51	24 32	0 39	5 23	7 31	21 34	21 31	18 33		n.a.
S 28	13 43	3s17	4 59	19 28	1 49	0 30	3 7	14 30	0 39	6 2	0 37	25 37	1 30	21 9	0 51	24 32	0 39	5 23	7 31	21 37	21 32	18 32		n.a.
S 29	14 4	8 4	4 58	19 54	1 45	0 22	3 15	14 46	0 39	6 7	0 37	25 37	1 30	21 9	0 51	24 32	0 39	5 22	7 31	21 39	21 33	18 31		n.a.
M30	14s24	12s35	4n41	20s17	1s41	0s15	3n23	15s 3	0s40	6s12	0n37	25s36	1s30	21n 9	0n51	24n32	0n39	5n21	7n31	21n42	21n33	18n30		n.a.

Julian Day Number = 201556.5, Delta T = 32h09m15s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'29, Lahiri = -61°07'29 Julian Calendar 1 Nov. 4162 BCE == Greg. Calendar 29 Sept. 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4162 BCE
geocentric

DECEMBER 4162 BCE (-4161) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 28 42	8♏32'13	29♏29	23♏15	8♎17	8♏21	17♎ 0	1♑40	1♌49	22°R20	3♎44	25°R 0	25♋53	14♌39	n.a.	T 1
W 2	2 32 38	9°33'07	13♐13	24°53	8°24	9° 8	17°14	1°46	1°49	22♊19	3°46	24♋52	25°50	14°46	n.a.	W 2
T 3	2 36 35	10°34'00	27° 4	26°29	8°32	9°55	17°27	1°52	1°49	22°18	3°47	24°46	25°47	14°53	n.a.	T 3
F 4	2 40 31	11°34'50	11♑ 1	28° 2	8°43	10°43	17°41	1°58	1°50	22°17	3°49	24°43	25°43	14°59	n.a.	F 4
S 5	2 44 28	12°35'38	25° 1	29°32	8°55	11°30	17°54	2° 4	1°50	22°16	3°51	24°D43	25°40	15° 6	n.a.	S 5
S 6	2 48 25	13°36'25	9♒ 5	0♐58	9°10	12°17	18° 7	2°10	1°50	22°14	3°53	24°R43	25°37	15°13	n.a.	S 6
M 7	2 52 21	14°37'09	23°10	2°20	9°27	13° 4	18°21	2°16	1°50	22°13	3°55	24°43	25°34	15°19	n.a.	M 7
T 8	2 56 18	15°37'52	7♓17	3°36	9°46	13°51	18°34	2°22	1°50	22°12	3°57	24°41	25°31	15°26	n.a.	T 8
W 9	3 0 14	16°38'32	21°24	4°47	10° 7	14°39	18°47	2°28	1°R50	22°11	3°58	24°36	25°27	15°33	n.a.	W 9
T 10	3 4 11	17°39'10	5♈29	5°51	10°30	15°26	19° 0	2°35	1°50	22° 9	4° 0	24°29	25°24	15°39	n.a.	T 10
F 11	3 8 7	18°39'47	19°28	6°48	10°55	16°13	19°13	2°41	1°50	22° 8	4° 2	24°20	25°21	15°46	n.a.	F 11
S 12	3 12 4	19°40'21	3♉17	7°37	11°21	17° 0	19°26	2°47	1°50	22° 7	4° 4	24° 9	25°18	15°53	n.a.	S 12
S 13	3 16 0	20°40'53	16°53	8°17	11°49	17°47	19°39	2°54	1°50	22° 5	4° 5	23°58	25°15	15°59	n.a.	S 13
M14	3 19 57	21°41'24	0♊13	8°47	12°18	18°35	19°52	3° 0	1°49	22° 4	4° 7	23°48	25°12	16° 6	n.a.	M14
T 15	3 23 54	22°41'53	13°13	9° 8	12°50	19°22	20° 5	3° 7	1°49	22° 3	4° 9	23°39	25° 8	16°13	n.a.	T 15
W16	3 27 50	23°42'20	25°55	9°19	13°22	20° 9	20°18	3°13	1°49	22° 1	4°10	23°33	25° 5	16°19	n.a.	W16
T 17	3 31 47	24°42'45	8♋19	9°R19	13°56	20°56	20°30	3°20	1°48	22° 0	4°12	23°29	25° 2	16°26	n.a.	T 17
F 18	3 35 43	25°43'08	20°28	9° 9	14°32	21°43	20°43	3°27	1°48	21°58	4°13	23°D28	24°59	16°33	n.a.	F 18
S 19	3 39 40	26°43'30	2♌25	8°49	15° 9	22°30	20°56	3°34	1°47	21°57	4°15	23°28	24°56	16°39	n.a.	S 19
S 20	3 43 36	27°43'50	14°16	8°20	15°47	23°17	21° 8	3°40	1°47	21°55	4°17	23°29	24°53	16°46	n.a.	S 20
M21	3 47 33	28°44'08	26° 4	7°42	16°26	24° 4	21°21	3°47	1°46	21°54	4°18	23°R30	24°49	16°52	n.a.	M21
T 22	3 51 30	29°44'24	7♍56	6°55	17° 6	24°51	21°33	3°54	1°45	21°52	4°19	23°30	24°46	16°59	n.a.	T 22
W23	3 55 26	0♐44'38	19°58	6° 3	17°48	25°38	21°46	4° 1	1°45	21°51	4°21	23°28	24°43	17° 6	n.a.	W23
T 24	3 59 23	1°44'51	2♎12	5° 5	18°31	26°25	21°58	4° 8	1°44	21°49	4°22	23°23	24°40	17°12	n.a.	T 24
F 25	4 3 19	2°45'02	14°45	4° 3	19°14	27°12	22°10	4°15	1°43	21°48	4°24	23°17	24°37	17°19	n.a.	F 25
S 26	4 7 16	3°45'10	27°38	2°59	19°59	27°59	22°22	4°22	1°42	21°46	4°25	23° 9	24°33	17°26	n.a.	S 26
S 27	4 11 12	4°45'17	10♏53	1°55	20°44	28°46	22°34	4°29	1°41	21°45	4°26	23° 0	24°30	17°32	n.a.	S 27
M28	4 15 9	5°45'22	24°29	0°52	21°31	29°33	22°46	4°37	1°40	21°43	4°28	22°52	24°27	17°39	n.a.	M28
T 29	4 19 5	6°45'25	8♐24	29♏51	22°18	0♐20	22°58	4°44	1°39	21°42	4°29	22°45	24°24	17°46	n.a.	T 29
W30	4 23 2	7°45'26	22°33	28°54	23° 6	1° 7	23°10	4°51	1°38	21°40	4°30	22°39	24°21	17°52	n.a.	W30
T 31	4 26 59	8♐45'24	6♑51	28♏ 1	23♎55	1♐53	23♎22	4♑58	1♌37	21♊38	4♎32	22♋36	24♋18	17♌59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14s45	16s34	4n 9	20s38	1s35	0s10	3n31	15s19	0s40	6s18	0n37	25s36	1s30	21n 9	0n51	24n32	0n39	5n20	7n31	21n44	21n34	18n29			n.a.
W 2	15 5	19 42	3 21	20 57	1 29	0 6	3 37	15 35	0 41	6 23	0 37	25 36	1 30	21 9	0 51	24 32	0 39	5 20	7 31	21 45	21 35	18 27			n.a.
T 3	15 24	21 44	2 21	21 14	1 22	0 4	3 44	15 51	0 42	6 28	0 37	25 36	1 30	21 8	0 51	24 32	0 39	5 19	7 31	21 46	21 35	18 26			n.a.
F 4	15 44	22 27	1 12	21 28	1 14	0 3	3 50	16 7	0 42	6 34	0 37	25 36	1 30	21 8	0 51	24 32	0 39	5 18	7 31	21 47	21 36	18 25			n.a.
S 5	16 3	21 45	0s 2	21 40	1 4	0 3	3 55	16 23	0 43	6 39	0 37	25 36	1 30	21 8	0 51	24 32	0 39	5 18	7 31	21 47	21 36	18 24			n.a.
S 6	16 22	19 42	1 16	21 49	0 54	0 4	4 0	16 38	0 43	6 44	0 37	25 36	1 30	21 8	0 51	24 32	0 40	5 17	7 31	21 47	21 37	18 22			n.a.
M 7	16 40	16 27	2 25	21 55	0 43	0 7	4 5	16 54	0 44	6 50	0 37	25 35	1 30	21 9	0 51	24 32	0 40	5 16	7 31	21 47	21 38	18 21			n.a.
T 8	16 59	12 15	3 26	21 58	0 31	0 11	4 9	17 9	0 44	6 55	0 36	25 35	1 30	21 9	0 51	24 32	0 40	5 15	7 31	21 47	21 38	18 20			n.a.
W 9	17 17	7 22	4 14	21 59	0 18	0 16	4 12	17 24	0 45	7 0	0 36	25 35	1 30	21 9	0 51	24 32	0 40	5 15	7 31	21 48	21 39	18 19			n.a.
T 10	17 34	2 8	4 47	21 57	0 4	0 22	4 16	17 39	0 46	7 5	0 36	25 35	1 30	21 9	0 52	24 32	0 40	5 14	7 31	21 50	21 39	18 18			n.a.
F 11	17 52	3n11	5 2	21 53	0n11	0 29	4 19	17 53	0 46	7 10	0 36	25 35	1 30	21 9	0 52	24 32	0 40	5 14	7 32	21 51	21 40	18 16			n.a.
S 12	18 9	8 17	4 59	21 45	0 27	0 37	4 21	18 8	0 47	7 15	0 36	25 35	1 30	21 9	0 52	24 32	0 40	5 13	7 32	21 53	21 41	18 15			n.a.
S 13	18 25	12 54	4 39	21 36	0 43	0 46	4 23	18 22	0 47	7 21	0 36	25 34	1 30	21 9	0 52	24 32	0 40	5 12	7 32	21 55	21 41	18 14			n.a.
M14	18 42	16 47	4 5	21 24	1 0	0 56	4 25	18 36	0 48	7 26	0 36	25 34	1 30	21 9	0 52	24 32	0 40	5 12	7 32	21 57	21 42	18 12			n.a.
T 15	18 58	19 45	3 18	21 10	1 18	1 7	4 27	18 50	0 48	7 31	0 36	25 34	1 30	21 9	0 52	24 32	0 40	5 11	7 32	21 59	21 42	18 11			n.a.
W16	19 13	21 41	2 22	20 54	1 36	1 19	4 28	19 4	0 49	7 36	0 36	25 34	1 30	21 9	0 52	24 32	0 40	5 10	7 32	22 0	21 43	18 10			n.a.
T 17	19 29	22 30	1 20	20 36	1 53	1 32	4 29	19 17	0 49	7 41	0 36	25 34	1 30	21 9	0 52	24 32	0 40	5 10	7 32	22 0	21 44	18 9			n.a.
F 18	19 44	22 14	0 16	20 17	2 11	1 45	4 30	19 30	0 50	7 46	0 36	25 34	1 30	21 10	0 52	24 31	0 40	5 9	7 32	22 1	21 44	18 7			n.a.
S 19	19 58	20 57	0n48	19 57	2 28	1 59	4 30	19 43	0 50	7 50	0 36	25 33	1 30	21 10	0 52	24 31	0 40	5 9	7 32	22 0	21 45	18 6			n.a.
S 20	20 12	18 45	1 49	19 36	2 45	2 14	4 31	19 56	0 51	7 55	0 36	25 33	1 30	21 10	0 52	24 31	0 40	5 8	7 32	22 0	21 45	18 5			n.a.
M21	20 26	15 46	2 46	19 15	3 0	2 29	4 31	20 9	0 51	8 0	0 36	25 33	1 30	21 10	0 52	24 31	0 40	5 8	7 32	22 0	21 46	18 3			n.a.
T 22	20 40	12 9	3 36	18 53	3 14	2 45	4 30	20 21	0 52	8 5	0 36	25 33	1 29	21 10	0 52	24 31	0 40	5 7	7 33	22 0	21 46	18 2			n.a.
W23	20 53	8 0	4 17	18 32	3 26	3 2	4 30	20 33	0 52	8 10	0 36	25 32	1 29	21 11	0 52	24 31	0 40	5 7	7 33	22 1	21 47	18 1			n.a.
T 24	21 5	3 28	4 47	18 11	3 37	3 19	4 29	20 45	0 53	8 15	0 35	25 32	1 29	21 11	0 52	24 31	0 40	5 6	7 33	22 1	21 48	17 59			n.a.
F 25	21 18	1s19	5 4	17 51	3 46	3 37	4 28	20 57	0 53	8 19	0 35	25 32	1 29	21 11	0 52	24 31	0 40	5 6	7 33	22 2	21 48	17 58			n.a.
S 26	21 30	6 10	5 6	17 33	3 52	3 55	4 27	21 8	0 54	8 24	0 35	25 32	1 29	21 11	0 52	24 31	0 40	5 5	7 33	22 4	21 49	17 57			n.a.
S 27	21 41	10 53	4 53	17 16	3 57	4 14	4 26	21 19	0 54	8 29	0 35	25 31	1 29	21 12	0 52	24 31	0 40	5 5	7 33	22 5	21 49	17 55			n.a.
M28	21 52	15 11	4 22	17 0	3 59	4 33	4 24	21 30	0 55	8 33	0 35	25 31	1 29	21 12	0 52	24 31	0 40	5 4	7 33	22 7	21 50	17 54			n.a.
T 29	22 3	18 46	3 36	16 47	3 59	4 53	4 22	21 41	0 55	8 38	0 35	25 31	1 29	21 12	0 52	24 31	0 40	5 4	7 33	22 8	21 51	17 53			n.a.
W30	22 13	21 19	2 35	16 37	3 58	5 13	4 20	21 52	0 55	8 43	0 35	25 31	1 29	21 12	0 52	24 31	0 40	5 4	7 33	22 9	21 51	17 51			n.a.
T 31	22s23	22s32	1n24	16s29	3n54	5s33	4n18	22s 2	0s56	8s47	0n35	25s30	1s29	21n13	0n53	24n30	0n40	5n 3	7n34	22n 9	21n52	17n50			n.a.

Julian Day Number = 201586.5, Delta T = 32h09m12s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'25, Lahiri = -61°07'25 Julian Calendar 1 Dec. 4162 BCE == Greg. Calendar 29 Oct. 4162 BCE

The year -4161 astronomical counting style corresponds to year 4162 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

JANUARY 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 30 55	9♐45'20	21♑14	27°R14	24♎45	2♐40	23♎34	5♑ 6	1°R36	21°R37	4♎33	22°D35	24♋14	18♌ 6	n.a.	F 1
S 2	4 34 52	10°45'14	5♒37	26♏33	25°35	3°27	23°45	5°13	1♌34	21♊35	4°34	22♋36	24°11	18°12	n.a.	S 2
S 3	4 38 48	11°45'05	19°56	25°58	26°27	4°14	23°57	5°20	1°33	21°34	4°35	22°37	24° 8	18°19	n.a.	S 3
M 4	4 42 45	12°44'53	4♓ 9	25°30	27°18	5° 0	24° 8	5°28	1°32	21°32	4°36	22°38	24° 5	18°26	n.a.	M 4
T 5	4 46 41	13°44'39	18°13	25° 9	28°11	5°47	24°20	5°35	1°30	21°30	4°37	22°R38	24° 2	18°32	n.a.	T 5
W 6	4 50 38	14°44'23	2♈ 9	24°55	29° 4	6°34	24°31	5°43	1°29	21°29	4°38	22°37	23°58	18°39	n.a.	W 6
T 7	4 54 34	15°44'03	15°54	24°46	29°58	7°20	24°42	5°50	1°27	21°27	4°39	22°34	23°55	18°46	n.a.	T 7
F 8	4 58 31	16°43'42	29°29	24°D45	0♏52	8° 7	24°53	5°58	1°26	21°25	4°40	22°29	23°52	18°52	n.a.	F 8
S 9	5 2 27	17°43'18	12♉52	24°49	1°47	8°54	25° 4	6° 5	1°24	21°24	4°41	22°24	23°49	18°59	n.a.	S 9
S 10	5 6 24	18°42'51	26° 2	24°59	2°42	9°40	25°15	6°13	1°23	21°22	4°42	22°18	23°46	19° 6	n.a.	S 10
M11	5 10 21	19°42'22	8♊58	25°15	3°38	10°27	25°26	6°20	1°21	21°20	4°43	22°13	23°43	19°12	n.a.	M11
T 12	5 14 17	20°41'51	21°40	25°36	4°34	11°13	25°37	6°28	1°19	21°19	4°44	22° 8	23°39	19°19	n.a.	T 12
W13	5 18 14	21°41'17	4♋ 8	26° 2	5°31	11°59	25°48	6°36	1°18	21°17	4°45	22° 5	23°36	19°26	n.a.	W13
T 14	5 22 10	22°40'42	16°23	26°33	6°28	12°46	25°58	6°43	1°16	21°15	4°46	22°D 4	23°33	19°32	n.a.	T 14
F 15	5 26 7	23°40'04	28°27	27° 8	7°26	13°32	26° 9	6°51	1°14	21°14	4°46	22° 4	23°30	19°39	n.a.	F 15
S 16	5 30 3	24°39'23	10♌22	27°47	8°24	14°19	26°19	6°59	1°12	21°12	4°47	22° 5	23°27	19°46	n.a.	S 16
S 17	5 34 0	25°38'41	22°12	28°29	9°23	15° 5	26°29	7° 7	1°10	21°10	4°48	22° 7	23°24	19°52	n.a.	S 17
M18	5 37 56	26°37'57	4♍ 1	29°16	10°22	15°51	26°39	7°14	1° 9	21° 9	4°49	22° 9	23°20	19°59	n.a.	M18
T 19	5 41 53	27°37'10	15°53	0♐ 6	11°21	16°37	26°49	7°22	1° 7	21° 7	4°49	22°10	23°17	20° 6	n.a.	T 19
W20	5 45 49	28°36'22	27°54	0°59	12°21	17°23	26°59	7°30	1° 5	21° 5	4°50	22°R10	23°14	20°12	n.a.	W20
T 21	5 49 46	29°35'31	10♎ 8	1°55	13°21	18°10	27° 9	7°38	1° 3	21° 4	4°50	22°10	23°11	20°19	n.a.	T 21
F 22	5 53 42	0♑34'39	22°40	2°54	14°21	18°56	27°19	7°45	1° 1	21° 2	4°51	22° 9	23° 8	20°26	n.a.	F 22
S 23	5 57 39	1°33'44	5♏33	3°55	15°22	19°42	27°28	7°53	0°58	21° 1	4°52	22° 6	23° 4	20°32	n.a.	S 23
S 24	6 1 36	2°32'47	18°50	4°59	16°23	20°28	27°38	8° 1	0°56	20°59	4°52	22° 4	23° 1	20°39	n.a.	S 24
M25	6 5 32	3°31'49	2♐32	6° 6	17°24	21°14	27°47	8° 9	0°54	20°57	4°53	22° 1	22°58	20°46	n.a.	M25
T 26	6 9 29	4°30'48	16°38	7°15	18°26	22° 0	27°56	8°17	0°52	20°56	4°53	21°59	22°55	20°52	n.a.	T 26
W27	6 13 25	5°29'45	1♑ 4	8°26	19°28	22°46	28° 5	8°24	0°50	20°54	4°53	21°57	22°52	20°59	n.a.	W27
T 28	6 17 22	6°28'40	15°44	9°39	20°30	23°32	28°14	8°32	0°48	20°52	4°54	21°D56	22°49	21° 6	n.a.	T 28
F 29	6 21 18	7°27'33	0♒33	10°55	21°32	24°17	28°23	8°40	0°45	20°51	4°54	21°56	22°45	21°12	n.a.	F 29
S 30	6 25 15	8°26'23	15°22	12°12	22°35	25° 3	28°32	8°48	0°43	20°49	4°54	21°57	22°42	21°19	n.a.	S 30
S 31	6 29 11	9♑25'11	0♓ 4	13♐31	23♏38	25♐49	28♎41	8♑56	0♌41	20♊48	4♎55	21♋58	22♋39	21♌26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s32	22s16	0n 7	16s23	3n49	5s53	4n16	22s12	0s56	8s52	0n35	25s30	1s29	21n13	0n53	24n30	0n40	5n 3	7n34	22n10	21n52	17n49		n.a.
S 2	22 41	20 32	1s10	16 20	3 42	6 14	4 14	22 22	0 57	8 56	0 35	25 30	1 29	21 13	0 53	24 30	0 40	5 3	7 34	22 10	21 53	17 47		n.a.
S 3	22 50	17 30	2 23	16 20	3 34	6 35	4 11	22 31	0 57	9 0	0 35	25 29	1 29	21 14	0 53	24 30	0 40	5 2	7 34	22 9	21 53	17 46		n.a.
M 4	22 58	13 27	3 27	16 22	3 25	6 57	4 9	22 41	0 58	9 5	0 35	25 29	1 29	21 14	0 53	24 30	0 40	5 2	7 34	22 9	21 54	17 45		n.a.
T 5	23 5	8 42	4 17	16 26	3 15	7 19	4 6	22 50	0 58	9 9	0 35	25 29	1 29	21 14	0 53	24 30	0 40	5 2	7 34	22 9	21 55	17 43		n.a.
W 6	23 13	3 34	4 52	16 33	3 4	7 40	4 3	22 58	0 58	9 13	0 35	25 29	1 30	21 15	0 53	24 30	0 40	5 1	7 34	22 9	21 55	17 42		n.a.
T 7	23 19	1n42	5 9	16 42	2 53	8 2	4 0	23 7	0 59	9 18	0 35	25 28	1 30	21 15	0 53	24 30	0 40	5 1	7 34	22 10	21 56	17 40		n.a.
F 8	23 26	6 48	5 9	16 53	2 41	8 25	3 57	23 15	0 59	9 22	0 35	25 28	1 30	21 16	0 53	24 30	0 40	5 1	7 35	22 11	21 56	17 39		n.a.
S 9	23 31	11 31	4 52	17 6	2 29	8 47	3 54	23 23	1 0	9 26	0 35	25 28	1 30	21 16	0 53	24 30	0 40	5 0	7 35	22 12	21 57	17 38		n.a.
S 10	23 37	15 36	4 19	17 20	2 17	9 9	3 50	23 31	1 0	9 30	0 35	25 27	1 30	21 16	0 53	24 30	0 40	5 0	7 35	22 13	21 57	17 36		n.a.
M11	23 42	18 53	3 34	17 36	2 5	9 32	3 47	23 38	1 0	9 34	0 35	25 27	1 30	21 17	0 53	24 29	0 40	5 0	7 35	22 13	21 58	17 35		n.a.
T 12	23 46	21 12	2 39	17 53	1 53	9 54	3 43	23 45	1 1	9 38	0 34	25 27	1 30	21 17	0 53	24 29	0 40	5 0	7 35	22 14	21 59	17 33		n.a.
W13	23 50	22 26	1 37	18 11	1 41	10 17	3 40	23 52	1 1	9 42	0 34	25 26	1 30	21 18	0 53	24 29	0 40	4 59	7 35	22 15	21 59	17 32		n.a.
T 14	23 54	22 34	0 31	18 30	1 28	10 40	3 36	23 59	1 1	9 46	0 34	25 26	1 30	21 18	0 53	24 29	0 40	4 59	7 35	22 15	22 0	17 31		n.a.
F 15	23 57	21 37	0n35	18 50	1 16	11 3	3 32	24 5	1 2	9 50	0 34	25 25	1 30	21 18	0 53	24 29	0 40	4 59	7 36	22 15	22 0	17 29		n.a.
S 16	24 0	19 43	1 39	19 10	1 5	11 25	3 28	24 11	1 2	9 54	0 34	25 25	1 30	21 19	0 53	24 29	0 40	4 59	7 36	22 15	22 1	17 28		n.a.
S 17	24 2	16 59	2 38	19 31	0 53	11 48	3 24	24 17	1 2	9 58	0 34	25 25	1 30	21 19	0 53	24 29	0 40	4 59	7 36	22 14	22 1	17 26		n.a.
M18	24 4	13 34	3 31	19 53	0 42	12 11	3 20	24 23	1 3	10 2	0 34	25 24	1 30	21 20	0 53	24 29	0 40	4 59	7 36	22 14	22 2	17 25		n.a.
T 19	24 5	9 36	4 15	20 15	0 31	12 33	3 16	24 28	1 3	10 6	0 34	25 24	1 30	21 20	0 53	24 29	0 40	4 58	7 36	22 14	22 2	17 24		n.a.
W20	24 6	5 14	4 48	20 37	0 20	12 56	3 12	24 33	1 3	10 9	0 34	25 23	1 30	21 21	0 53	24 29	0 40	4 58	7 36	22 14	22 3	17 22		n.a.
T 21	24 7	0 35	5 9	20 59	0 9	13 18	3 8	24 37	1 4	10 13	0 34	25 23	1 30	21 21	0 53	24 28	0 40	4 58	7 36	22 14	22 4	17 21		n.a.
F 22	24 6	4s12	5 15	21 21	0s 1	13 40	3 4	24 42	1 4	10 17	0 34	25 23	1 30	21 22	0 53	24 28	0 40	4 58	7 37	22 14	22 4	17 19		n.a.
S 23	24 6	8 56	5 7	21 42	0 11	14 3	3 0	24 46	1 4	10 20	0 34	25 22	1 30	21 22	0 53	24 28	0 40	4 58	7 37	22 14	22 5	17 18		n.a.
S 24	24 5	13 24	4 42	22 4	0 20	14 25	2 55	24 50	1 5	10 24	0 34	25 22	1 30	21 23	0 53	24 28	0 41	4 58	7 37	22 15	22 5	17 16		n.a.
M25	24 4	17 20	4 0	22 25	0 30	14 46	2 51	24 53	1 5	10 27	0 34	25 21	1 30	21 23	0 53	24 28	0 41	4 58	7 37	22 15	22 6	17 15		n.a.
T 26	24 2	20 23	3 3	22 46	0 38	15 8	2 46	24 57	1 5	10 31	0 34	25 21	1 30	21 24	0 53	24 28	0 41	4 58	7 37	22 16	22 6	17 13		n.a.
W27	24 0	22 14	1 53	23 6	0 47	15 30	2 42	25 0	1 5	10 34	0 34	25 20	1 30	21 24	0 53	24 28	0 41	4 58	7 37	22 16	22 7	17 12		n.a.
T 28	23 57	22 35	0 34	23 26	0 55	15 51	2 38	25 3	1 6	10 37	0 34	25 20	1 30	21 25	0 54	24 28	0 41	4 58	7 37	22 16	22 7	17 10		n.a.
F 29	23 54	21 22	0s48	23 45	1 3	16 12	2 33	25 5	1 6	10 41	0 34	25 19	1 30	21 25	0 54	24 28	0 41	4 58	7 38	22 16	22 8	17 9		n.a.
S 30	23 50	18 41	2 6	24 3	1 10	16 33	2 29	25 7	1 6	10 44	0 34	25 19	1 31	21 26	0 54	24 28	0 41	4 58	7 38	22 16	22 8	17 7		n.a.
S 31	23s46	14s48	3s16	24s20	1s17	16s53	2n24	25s 9	1s 6	10s47	0n34	25s19	1s31	21n26	0n54	24n27	0n41	4n58	7n38	22n16	22n 9	17n 6		n.a.

Julian Day Number = 201617.5, Delta T = 32h09m09s
Ecliptic obliquity = 24°06'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'21, Lahiri = -61°07'20 Julian Calendar 1 Jan. 4161 BCE == Greg. Calendar 29 Nov. 4162 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

FEBRUARY 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 33 8	10♉23'56	14♓35	14♐52	24♏41	26♐35	28♎49	9♉ 4	0°R38	20°R46	4♎55	21♋59	22♋36	21♌32	n.a.	M 1
T 2	6 37 4	11°22'39	28°50	16°15	25°44	27°20	28°58	9°11	0♌36	20♊45	4°55	21°59	22°33	21°39	n.a.	T 2
W 3	6 41 1	12°21'19	12♈47	17°39	26°48	28° 6	29° 6	9°19	0°34	20°43	4°55	22°R 0	22°30	21°46	n.a.	W 3
T 4	6 44 57	13°19'56	26°26	19° 5	27°52	28°52	29°14	9°27	0°31	20°42	4°55	21°59	22°26	21°52	n.a.	T 4
F 5	6 48 54	14°18'31	9♉47	20°33	28°56	29°37	29°22	9°35	0°29	20°40	4°55	21°59	22°23	21°59	n.a.	F 5
S 6	6 52 50	15°17'04	22°51	22° 3	0♐ 0	0♉22	29°30	9°43	0°27	20°39	4°56	21°58	22°20	22° 6	n.a.	S 6
S 7	6 56 47	16°15'34	5♊40	23°34	1° 4	1° 8	29°37	9°50	0°24	20°37	4°56	21°57	22°17	22°12	n.a.	S 7
M 8	7 0 44	17°14'03	18°15	25° 7	2° 9	1°53	29°45	9°58	0°22	20°36	4°R56	21°57	22°14	22°19	n.a.	M 8
T 9	7 4 40	18°12'28	0♋39	26°42	3°14	2°39	29°52	10° 6	0°19	20°34	4°56	21°56	22°10	22°26	n.a.	T 9
W10	7 8 37	19°10'52	12°51	28°18	4°19	3°24	29°59	10°14	0°17	20°33	4°56	21°56	22° 7	22°32	n.a.	W10
T 11	7 12 33	20° 9'13	24°55	29°56	5°24	4° 9	0♏ 7	10°22	0°14	20°32	4°55	21°D56	22° 4	22°39	n.a.	T 11
F 12	7 16 30	21° 7'33	6♌51	1♉35	6°29	4°54	0°14	10°29	0°12	20°30	4°55	21°56	22° 1	22°46	n.a.	F 12
S 13	7 20 26	22° 5'50	18°43	3°16	7°35	5°39	0°21	10°37	0° 9	20°29	4°55	21°R56	21°58	22°52	n.a.	S 13
S 14	7 24 23	23° 4'06	0♍32	4°59	8°40	6°25	0°27	10°45	0° 7	20°27	4°55	21°56	21°55	22°59	n.a.	S 14
M15	7 28 19	24° 2'19	12°22	6°43	9°46	7°10	0°34	10°52	0° 4	20°26	4°55	21°56	21°51	23° 6	n.a.	M15
T 16	7 32 16	25° 0'31	24°16	8°29	10°52	7°55	0°40	11° 0	0° 2	20°25	4°55	21°55	21°48	23°12	n.a.	T 16
W17	7 36 12	25°58'40	6♎17	10°16	11°58	8°40	0°46	11° 8	29♋59	20°23	4°54	21°55	21°45	23°19	n.a.	W17
T 18	7 40 9	26°56'48	18°30	12° 5	13° 4	9°24	0°52	11°15	29°57	20°22	4°54	21°55	21°42	23°26	n.a.	T 18
F 19	7 44 5	27°54'55	0♏59	13°56	14°11	10° 9	0°58	11°23	29°54	20°21	4°54	21°D55	21°39	23°32	n.a.	F 19
S 20	7 48 2	28°53'00	13°48	15°49	15°17	10°54	1° 4	11°31	29°52	20°20	4°53	21°55	21°36	23°39	n.a.	S 20
S 21	7 51 58	29°51'03	27° 0	17°43	16°24	11°39	1°10	11°38	29°49	20°19	4°53	21°56	21°32	23°46	n.a.	S 21
M22	7 55 55	0♒49'04	10♐38	19°39	17°31	12°24	1°15	11°46	29°46	20°17	4°52	21°56	21°29	23°52	n.a.	M22
T 23	7 59 52	1°47'04	24°43	21°36	18°38	13° 8	1°20	11°53	29°44	20°16	4°52	21°57	21°26	23°59	n.a.	T 23
W24	8 3 48	2°45'02	9♉12	23°35	19°45	13°53	1°26	12° 1	29°41	20°15	4°51	21°58	21°23	24° 6	n.a.	W24
T 25	8 7 45	3°42'59	24° 2	25°36	20°52	14°37	1°31	12° 8	29°39	20°14	4°51	21°R58	21°20	24°12	n.a.	T 25
F 26	8 11 41	4°40'54	9♒ 6	27°38	21°59	15°22	1°35	12°16	29°36	20°13	4°50	21°58	21°16	24°19	n.a.	F 26
S 27	8 15 38	5°38'47	24°14	29°41	23° 7	16° 6	1°40	12°23	29°34	20°12	4°50	21°56	21°13	24°26	n.a.	S 27
S 28	8 19 34	6°36'38	9♓18	1♒46	24°14	16°51	1°44	12°31	29°31	20°11	4°49	21°55	21°10	24°32	n.a.	S 28
M29	8 23 31	7♒34'27	24♓ 8	3♒52	25♐22	17♉35	1♏49	12♉38	29♋29	20♊10	4♎49	21♋53	21♋ 7	24♌39	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s41	10s 6	4s12	24s37	1s24	17s13	2n19	25s11	1s 7	10s50	0n34	25s18	1s31	21n27	0n54	24n27	0n41	4n58	7n38	22n16	22n10	17n 4		n.a.
T 2	23 36	4 55	4 52	24 52	1 30	17 33	2 15	25 12	1 7	10 53	0 34	25 18	1 31	21 28	0 54	24 27	0 41	4 58	7 38	22 16	22 10	17 3		n.a.
W 3	23 31	0n24	5 13	25 6	1 35	17 53	2 10	25 13	1 7	10 56	0 34	25 17	1 31	21 28	0 54	24 27	0 41	4 58	7 38	22 16	22 11	17 1		n.a.
T 4	23 25	5 35	5 16	25 19	1 41	18 12	2 6	25 14	1 7	10 59	0 34	25 17	1 31	21 29	0 54	24 27	0 41	4 58	7 39	22 16	22 11	17 0		n.a.
F 5	23 19	10 23	5 2	25 31	1 45	18 31	2 1	25 14	1 7	11 2	0 34	25 16	1 31	21 29	0 54	24 27	0 41	4 58	7 39	22 16	22 12	16 58		n.a.
S 6	23 12	14 37	4 32	25 42	1 50	18 49	1 57	25 14	1 8	11 5	0 33	25 16	1 31	21 30	0 54	24 27	0 41	4 58	7 39	22 16	22 12	16 57		n.a.
S 7	23 5	18 5	3 50	25 51	1 54	19 8	1 52	25 14	1 8	11 8	0 33	25 15	1 31	21 30	0 54	24 27	0 41	4 59	7 39	22 16	22 13	16 55		n.a.
M 8	22 58	20 39	2 56	25 58	1 57	19 25	1 47	25 14	1 8	11 11	0 33	25 14	1 31	21 31	0 54	24 27	0 41	4 59	7 39	22 16	22 13	16 54		n.a.
T 9	22 50	22 11	1 56	26 4	2 0	19 43	1 43	25 13	1 8	11 13	0 33	25 14	1 31	21 31	0 54	24 27	0 41	4 59	7 39	22 16	22 14	16 52		n.a.
W10	22 42	22 38	0 50	26 9	2 3	20 0	1 38	25 13	1 8	11 16	0 33	25 13	1 31	21 32	0 54	24 26	0 41	4 59	7 39	22 16	22 14	16 51		n.a.
T 11	22 33	22 1	0n17	26 12	2 5	20 16	1 34	25 11	1 9	11 19	0 33	25 13	1 31	21 33	0 54	24 26	0 41	4 59	7 40	22 16	22 15	16 49		n.a.
F 12	22 24	20 24	1 22	26 13	2 6	20 32	1 29	25 10	1 9	11 21	0 33	25 12	1 32	21 33	0 54	24 26	0 41	4 59	7 40	22 16	22 15	16 48		n.a.
S 13	22 14	17 54	2 23	26 12	2 7	20 48	1 24	25 8	1 9	11 24	0 33	25 12	1 32	21 34	0 54	24 26	0 41	4 59	7 40	22 16	22 16	16 46		n.a.
S 14	22 5	14 40	3 19	26 9	2 8	21 3	1 20	25 6	1 9	11 26	0 33	25 11	1 32	21 34	0 54	24 26	0 41	5 0	7 40	22 16	22 16	16 45		n.a.
M15	21 54	10 52	4 5	26 4	2 8	21 18	1 15	25 4	1 9	11 28	0 33	25 11	1 32	21 35	0 54	24 26	0 41	5 0	7 40	22 16	22 17	16 43		n.a.
T 16	21 44	6 37	4 41	25 57	2 7	21 32	1 11	25 1	1 9	11 31	0 33	25 10	1 32	21 35	0 54	24 26	0 41	5 0	7 40	22 16	22 17	16 41		n.a.
W17	21 33	2 6	5 6	25 48	2 6	21 46	1 6	24 59	1 10	11 33	0 33	25 10	1 32	21 36	0 54	24 26	0 41	5 0	7 40	22 16	22 18	16 40		n.a.
T 18	21 21	2s35	5 17	25 37	2 5	21 59	1 2	24 56	1 10	11 35	0 33	25 9	1 32	21 36	0 54	24 26	0 41	5 1	7 41	22 16	22 19	16 38		n.a.
F 19	21 10	7 15	5 14	25 23	2 2	22 12	0 57	24 52	1 10	11 37	0 33	25 8	1 32	21 37	0 54	24 26	0 41	5 1	7 41	22 16	22 19	16 37		n.a.
S 20	20 57	11 45	4 55	25 8	2 0	22 24	0 53	24 49	1 10	11 40	0 33	25 8	1 32	21 38	0 54	24 25	0 41	5 1	7 41	22 16	22 20	16 35		n.a.
S 21	20 45	15 49	4 20	24 49	1 56	22 35	0 49	24 45	1 10	11 42	0 33	25 7	1 33	21 38	0 54	24 25	0 41	5 1	7 41	22 16	22 20	16 34		n.a.
M22	20 32	19 13	3 30	24 29	1 53	22 46	0 44	24 41	1 10	11 44	0 33	25 7	1 33	21 39	0 54	24 25	0 41	5 2	7 41	22 16	22 21	16 32		n.a.
T 23	20 19	21 35	2 26	24 6	1 48	22 57	0 40	24 36	1 10	11 45	0 33	25 6	1 33	21 39	0 54	24 25	0 41	5 2	7 41	22 16	22 21	16 30		n.a.
W24	20 6	22 37	1 10	23 41	1 43	23 7	0 36	24 32	1 10	11 47	0 33	25 6	1 33	21 40	0 54	24 25	0 41	5 2	7 41	22 16	22 22	16 29		n.a.
T 25	19 52	22 6	0s11	23 13	1 37	23 16	0 32	24 27	1 10	11 49	0 33	25 5	1 33	21 40	0 54	24 25	0 41	5 3	7 41	22 16	22 22	16 27		n.a.
F 26	19 38	19 59	1 34	22 42	1 31	23 25	0 27	24 22	1 10	11 51	0 33	25 4	1 33	21 41	0 54	24 25	0 41	5 3	7 42	22 16	22 23	16 26		n.a.
S 27	19 23	16 28	2 49	22 10	1 24	23 33	0 23	24 17	1 11	11 53	0 33	25 4	1 33	21 42	0 54	24 25	0 41	5 3	7 42	22 16	22 23	16 24		n.a.
S 28	19 8	11 53	3 53	21 35	1 17	23 40	0 19	24 11	1 11	11 54	0 33	25 3	1 33	21 42	0 54	24 25	0 41	5 4	7 42	22 16	22 24	16 22		n.a.
M29	18s53	6s39	4s40	20s57	1s 9	23s47	0n15	24s 5	1s11	11s56	0n33	25s 3	1s33	21n43	0n54	24n25	0n41	5n 4	7n42	22n17	22n24	16n21		n.a.

Julian Day Number = 201648.5, Delta T = 32h09m06s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'17, Lahiri = -61°07'16 Julian Calendar 1 Feb. 4161 BCE == Greg. Calendar 30 Dec. 4162 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

MARCH 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 27 27	8♒32'13	8♈40	5♒59	26♐29	18♉19	1♏53	12♉45	29°R26	20°R 9	4°R48	21°R51	21♋ 4	24♌46	n.a.	T 1
W 2	8 31 24	9°29'59	22°47	8° 7	27°37	19° 4	1°57	12°53	29♋24	20♊ 8	4♎47	21♋50	21° 1	24°52	n.a.	W 2
T 3	8 35 20	10°27'42	6♉29	10°16	28°45	19°48	2° 0	13° 0	29°21	20° 7	4°47	21°D49	20°57	24°59	n.a.	T 3
F 4	8 39 17	11°25'23	19°48	12°25	29°53	20°32	2° 4	13° 7	29°19	20° 6	4°46	21°49	20°54	25° 6	n.a.	F 4
S 5	8 43 13	12°23'02	2♊43	14°35	1♉ 1	21°16	2° 7	13°14	29°16	20° 5	4°45	21°50	20°51	25°12	n.a.	S 5
S 6	8 47 10	13°20'40	15°20	16°45	2° 9	22° 0	2°11	13°22	29°14	20° 4	4°44	21°52	20°48	25°19	n.a.	S 6
M 7	8 51 7	14°18'15	27°42	18°54	3°17	22°44	2°14	13°29	29°11	20° 3	4°43	21°53	20°45	25°26	n.a.	M 7
T 8	8 55 3	15°15'49	9♋51	21° 4	4°25	23°28	2°17	13°36	29° 9	20° 3	4°43	21°54	20°42	25°32	n.a.	T 8
W 9	8 59 0	16°13'22	21°52	23°12	5°34	24°12	2°19	13°43	29° 6	20° 2	4°42	21°R55	20°38	25°39	n.a.	W 9
T 10	9 2 56	17°10'52	3♌46	25°19	6°42	24°56	2°22	13°50	29° 4	20° 1	4°41	21°54	20°35	25°46	n.a.	T 10
F 11	9 6 53	18° 8'21	15°37	27°25	7°51	25°39	2°24	13°57	29° 2	20° 0	4°40	21°53	20°32	25°52	n.a.	F 11
S 12	9 10 49	19° 5'49	27°26	29°29	9° 0	26°23	2°26	14° 4	28°59	20° 0	4°39	21°49	20°29	25°59	n.a.	S 12
S 13	9 14 46	20° 3'15	9♍17	1♓32	10° 8	27° 7	2°28	14°11	28°57	19°59	4°38	21°45	20°26	26° 6	n.a.	S 13
M14	9 18 42	21° 0'40	21° 9	3°32	11°17	27°50	2°30	14°18	28°55	19°58	4°37	21°40	20°22	26°12	n.a.	M14
T 15	9 22 39	21°58'04	3♎ 7	5°30	12°26	28°34	2°32	14°24	28°52	19°58	4°36	21°35	20°19	26°19	n.a.	T 15
W16	9 26 35	22°55'26	15°12	7°26	13°35	29°17	2°33	14°31	28°50	19°57	4°35	21°30	20°16	26°26	n.a.	W16
T 17	9 30 32	23°52'48	27°28	9°19	14°44	0♒ 1	2°34	14°38	28°48	19°57	4°34	21°27	20°13	26°32	n.a.	T 17
F 18	9 34 28	24°50'08	9♏57	11° 9	15°53	0°44	2°35	14°44	28°46	19°56	4°33	21°24	20°10	26°39	n.a.	F 18
S 19	9 38 25	25°47'28	22°43	12°57	17° 2	1°27	2°36	14°51	28°44	19°56	4°32	21°D23	20° 7	26°46	n.a.	S 19
S 20	9 42 22	26°44'47	5♐49	14°41	18°12	2°11	2°37	14°58	28°41	19°55	4°30	21°23	20° 3	26°52	n.a.	S 20
M21	9 46 18	27°42'05	19°20	16°23	19°21	2°54	2°37	15° 4	28°39	19°55	4°29	21°25	20° 0	26°59	n.a.	M21
T 22	9 50 15	28°39'22	3♉15	18° 1	20°31	3°37	2°38	15°11	28°37	19°54	4°28	21°26	19°57	27° 6	n.a.	T 22
W23	9 54 11	29°36'38	17°37	19°37	21°40	4°20	2°R38	15°17	28°35	19°54	4°27	21°R27	19°54	27°12	n.a.	W23
T 24	9 58 8	0♓33'54	2♒22	21° 9	22°50	5° 3	2°38	15°23	28°33	19°54	4°26	21°26	19°51	27°19	n.a.	T 24
F 25	10 2 4	1°31'08	17°25	22°39	23°59	5°46	2°37	15°30	28°31	19°53	4°25	21°24	19°47	27°26	n.a.	F 25
S 26	10 6 1	2°28'22	2♓38	24° 5	25° 9	6°29	2°37	15°36	28°29	19°53	4°23	21°20	19°44	27°32	n.a.	S 26
S 27	10 9 57	3°25'34	17°51	25°28	26°19	7°12	2°36	15°42	28°27	19°53	4°22	21°15	19°41	27°39	n.a.	S 27
M28	10 13 54	4°22'46	2♈55	26°47	27°29	7°55	2°35	15°48	28°25	19°53	4°21	21° 9	19°38	27°46	n.a.	M28
T 29	10 17 51	5°19'56	17°39	28° 4	28°39	8°37	2°34	15°54	28°23	19°53	4°19	21° 2	19°35	27°53	n.a.	T 29
W30	10 21 47	6°17'05	1♉57	29°17	29°48	9°20	2°33	16° 0	28°22	19°52	4°18	20°57	19°32	27°59	n.a.	W30
T 31	10 25 44	7♓14'14	15♉47	0♈26	0♒58	10♒ 3	2♏32	16♉ 6	28♋20	19♊52	4♎17	20♋53	19♋28	28♌ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s38	1s10	5s 8	20s17	1s 1	23s53	0n11	23s59	1s11	11s57	0n33	25s 2	1s34	21n43	0n54	24n25	0n41	5n 4	7n42	22n17	22n25	16n19		n.a.
W 2	18 22	4n14	5 16	19 35	0 52	23 58	0 7	23 53	1 11	11 59	0 32	25 1	1 34	21 44	0 54	24 25	0 41	5 5	7 42	22 17	22 25	16 17		n.a.
T 3	18 6	9 15	5 6	18 51	0 43	24 3	0 3	23 46	1 11	12 0	0 32	25 1	1 34	21 44	0 54	24 24	0 41	5 5	7 42	22 17	22 26	16 16		n.a.
F 4	17 50	13 42	4 39	18 5	0 33	24 7	0s 1	23 40	1 11	12 1	0 32	25 0	1 34	21 45	0 54	24 24	0 41	5 6	7 42	22 17	22 26	16 14		n.a.
S 5	17 34	17 23	3 59	17 17	0 23	24 11	0 5	23 33	1 11	12 3	0 32	25 0	1 34	21 45	0 54	24 24	0 41	5 6	7 42	22 17	22 27	16 13		n.a.
S 6	17 17	20 10	3 8	16 28	0 13	24 14	0 8	23 25	1 11	12 4	0 32	24 59	1 34	21 46	0 54	24 24	0 41	5 6	7 43	22 17	22 27	16 11		n.a.
M 7	17 0	21 56	2 10	15 37	0 3	24 16	0 12	23 18	1 11	12 5	0 32	24 58	1 34	21 46	0 54	24 24	0 41	5 7	7 43	22 17	22 28	16 9		n.a.
T 8	16 43	22 38	1 6	14 45	0n 8	24 18	0 16	23 10	1 11	12 6	0 32	24 58	1 35	21 47	0 54	24 24	0 41	5 7	7 43	22 16	22 28	16 8		n.a.
W 9	16 25	22 17	0 0	13 52	0 19	24 19	0 19	23 2	1 11	12 7	0 32	24 57	1 35	21 47	0 54	24 24	0 41	5 8	7 43	22 16	22 29	16 6		n.a.
T 10	16 7	20 54	1n 5	12 59	0 30	24 19	0 23	22 54	1 11	12 8	0 32	24 57	1 35	21 48	0 54	24 24	0 41	5 8	7 43	22 16	22 29	16 4		n.a.
F 11	15 49	18 37	2 7	12 5	0 40	24 18	0 26	22 46	1 11	12 9	0 32	24 56	1 35	21 48	0 54	24 24	0 41	5 9	7 43	22 17	22 30	16 3		n.a.
S 12	15 31	15 33	3 3	11 11	0 51	24 17	0 29	22 38	1 11	12 10	0 32	24 55	1 35	21 49	0 54	24 24	0 41	5 9	7 43	22 17	22 30	16 1		n.a.
S 13	15 12	11 52	3 51	10 17	1 1	24 15	0 33	22 29	1 11	12 10	0 32	24 55	1 35	21 49	0 54	24 24	0 41	5 10	7 43	22 18	22 31	15 59		n.a.
M14	14 54	7 42	4 30	9 23	1 11	24 13	0 36	22 20	1 11	12 11	0 32	24 54	1 36	21 50	0 54	24 24	0 41	5 10	7 43	22 19	22 31	15 58		n.a.
T 15	14 35	3 14	4 56	8 30	1 21	24 10	0 39	22 11	1 11	12 12	0 32	24 54	1 36	21 50	0 54	24 24	0 41	5 10	7 43	22 20	22 32	15 56		n.a.
W16	14 15	1s24	5 11	7 38	1 30	24 6	0 42	22 1	1 11	12 12	0 32	24 53	1 36	21 51	0 54	24 24	0 41	5 11	7 43	22 20	22 32	15 54		n.a.
T 17	13 56	6 3	5 11	6 46	1 39	24 1	0 45	21 52	1 11	12 13	0 32	24 53	1 36	21 51	0 54	24 24	0 41	5 11	7 43	22 21	22 33	15 53		n.a.
F 18	13 36	10 32	4 56	5 56	1 48	23 56	0 48	21 42	1 11	12 13	0 32	24 52	1 36	21 52	0 54	24 24	0 41	5 12	7 44	22 21	22 33	15 51		n.a.
S 19	13 17	14 40	4 27	5 7	1 55	23 50	0 51	21 32	1 10	12 13	0 32	24 51	1 36	21 52	0 54	24 24	0 41	5 12	7 44	22 22	22 34	15 49		n.a.
S 20	12 57	18 13	3 43	4 19	2 3	23 44	0 54	21 22	1 10	12 14	0 32	24 51	1 37	21 52	0 54	24 23	0 41	5 13	7 44	22 22	22 34	15 47		n.a.
M21	12 36	20 55	2 46	3 32	2 10	23 37	0 57	21 12	1 10	12 14	0 31	24 50	1 37	21 53	0 54	24 23	0 41	5 13	7 44	22 21	22 35	15 46		n.a.
T 22	12 16	22 27	1 38	2 47	2 16	23 29	0 59	21 2	1 10	12 14	0 31	24 50	1 37	21 53	0 54	24 23	0 40	5 14	7 44	22 21	22 35	15 44		n.a.
W23	11 56	22 34	0 21	2 4	2 21	23 20	1 2	20 51	1 10	12 14	0 31	24 49	1 37	21 54	0 54	24 23	0 40	5 15	7 44	22 21	22 35	15 42		n.a.
T 24	11 35	21 9	0s59	1 23	2 26	23 11	1 5	20 40	1 10	12 14	0 31	24 48	1 37	21 54	0 54	24 23	0 40	5 15	7 44	22 21	22 36	15 41		n.a.
F 25	11 14	18 12	2 16	0 43	2 30	23 1	1 7	20 29	1 10	12 14	0 31	24 48	1 38	21 55	0 53	24 23	0 40	5 16	7 44	22 21	22 36	15 39		n.a.
S 26	10 53	14 0	3 25	0 5	2 33	22 50	1 9	20 18	1 10	12 14	0 31	24 47	1 38	21 55	0 53	24 23	0 40	5 16	7 44	22 22	22 37	15 37		n.a.
S 27	10 32	8 53	4 19	0n31	2 36	22 39	1 12	20 7	1 10	12 14	0 31	24 47	1 38	21 55	0 53	24 23	0 40	5 17	7 44	22 23	22 37	15 35		n.a.
M28	10 10	3 17	4 54	1 6	2 38	22 28	1 14	19 55	1 10	12 14	0 31	24 46	1 38	21 56	0 53	24 23	0 40	5 17	7 44	22 24	22 38	15 34		n.a.
T 29	9 49	2n23	5 9	1 38	2 39	22 15	1 16	19 44	1 10	12 13	0 31	24 46	1 38	21 56	0 53	24 23	0 40	5 18	7 44	22 25	22 38	15 32		n.a.
W30	9 27	7 45	5 4	2 8	2 40	22 2	1 18	19 32	1 9	12 13	0 31	24 45	1 38	21 56	0 53	24 23	0 40	5 18	7 44	22 26	22 39	15 30		n.a.
T 31	9s 6	12n33	4s41	2n36	2n39	21s48	1s20	19s20	1s 9	12s13	0n31	24s45	1s39	21n57	0n53	24n23	0n40	5n19	7n44	22n26	22n39	15n28		n.a.

Julian Day Number = 201677.5, Delta T = 32h09m03s
Ecliptic obliquity = 24°06'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'13, Lahiri = -61°07'12 Julian Calendar 1 March 4161 BCE == Greg. Calendar 28 Jan. 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

APRIL 4161 BCE (-4160) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 29 40	8♓11'21	29♉ 9	1♈32	2♒ 9	10♒45	2°R30	16♑12	28°R18	19°R52	4°R15	20°R51	19♋25	28♌13	n.a.	F 1
S 2	10 33 37	9° 8'27	12♊ 4	2°35	3°19	11°28	2♏28	16°18	28♋16	19♊52	4♎14	20°D51	19°22	28°19	n.a.	S 2
S 3	10 37 33	10° 5'32	24°38	3°34	4°29	12°10	2°26	16°23	28°15	19°D52	4°13	20♋52	19°19	28°26	n.a.	S 3
M 4	10 41 30	11° 2'37	6♋53	4°29	5°39	12°53	2°24	16°29	28°13	19°52	4°11	20°53	19°16	28°33	n.a.	M 4
T 5	10 45 26	11°59'40	18°56	5°20	6°49	13°35	2°22	16°35	28°11	19°52	4°10	20°R54	19°13	28°39	n.a.	T 5
W 6	10 49 23	12°56'43	0♌50	6° 8	8° 0	14°17	2°19	16°40	28°10	19°52	4° 8	20°53	19° 9	28°46	n.a.	W 6
T 7	10 53 20	13°53'44	12°40	6°52	9°10	14°59	2°17	16°46	28° 8	19°53	4° 7	20°51	19° 6	28°53	n.a.	T 7
F 8	10 57 16	14°50'45	24°28	7°32	10°21	15°41	2°14	16°51	28° 7	19°53	4° 6	20°46	19° 3	28°59	n.a.	F 8
S 9	11 1 13	15°47'46	6♍18	8° 7	11°31	16°24	2°11	16°56	28° 5	19°53	4° 4	20°39	19° 0	29° 6	n.a.	S 9
S 10	11 5 9	16°44'46	18°12	8°39	12°42	17° 6	2° 7	17° 1	28° 4	19°53	4° 3	20°30	18°57	29°13	n.a.	S 10
M11	11 9 6	17°41'45	0♎11	9° 6	13°52	17°48	2° 4	17° 7	28° 3	19°53	4° 1	20°20	18°53	29°19	n.a.	M11
T 12	11 13 2	18°38'44	12°17	9°28	15° 3	18°29	2° 0	17°12	28° 1	19°54	4° 0	20° 9	18°50	29°26	n.a.	T 12
W13	11 16 59	19°35'43	24°31	9°47	16°14	19°11	1°57	17°17	28° 0	19°54	3°58	19°59	18°47	29°33	n.a.	W13
T 14	11 20 56	20°32'41	6♏55	10° 1	17°24	19°53	1°53	17°22	27°59	19°54	3°57	19°51	18°44	29°39	n.a.	T 14
F 15	11 24 52	21°29'40	19°30	10°10	18°35	20°35	1°49	17°27	27°58	19°55	3°55	19°44	18°41	29°46	n.a.	F 15
S 16	11 28 49	22°26'38	2♐20	10°14	19°46	21°17	1°44	17°31	27°56	19°55	3°54	19°40	18°38	29°53	n.a.	S 16
S 17	11 32 45	23°23'37	15°25	10°R15	20°57	21°58	1°40	17°36	27°55	19°56	3°52	19°38	18°34	29°59	n.a.	S 17
M18	11 36 42	24°20'36	28°50	10°10	22° 8	22°40	1°35	17°41	27°54	19°56	3°51	19°D38	18°31	0♍ 6	n.a.	M18
T 19	11 40 38	25°17'35	12♑37	10° 2	23°19	23°21	1°31	17°45	27°53	19°57	3°49	19°R39	18°28	0°13	n.a.	T 19
W20	11 44 35	26°14'34	26°46	9°49	24°30	24° 3	1°26	17°50	27°52	19°57	3°48	19°38	18°25	0°19	n.a.	W20
T 21	11 48 32	27°11'33	11♒18	9°32	25°42	24°44	1°21	17°54	27°51	19°58	3°46	19°37	18°22	0°26	n.a.	T 21
F 22	11 52 28	28° 8'32	26° 8	9°11	26°53	25°25	1°16	17°58	27°51	19°58	3°44	19°33	18°18	0°33	n.a.	F 22
S 23	11 56 25	29° 5'32	11♓11	8°47	28° 4	26° 7	1°10	18° 3	27°50	19°59	3°43	19°26	18°15	0°39	n.a.	S 23
S 24	12 0 21	0♈ 2'31	26°18	8°19	29°15	26°48	1° 5	18° 7	27°49	20° 0	3°41	19°18	18°12	0°46	n.a.	S 24
M25	12 4 18	0°59'31	11♈19	7°49	0♓27	27°29	0°59	18°11	27°48	20° 0	3°40	19° 8	18° 9	0°53	n.a.	M25
T 26	12 8 14	1°56'30	26° 5	7°16	1°38	28°10	0°53	18°15	27°48	20° 1	3°38	18°58	18° 6	1° 0	n.a.	T 26
W27	12 12 11	2°53'30	10♉27	6°42	2°50	28°51	0°47	18°19	27°47	20° 2	3°37	18°48	18° 3	1° 6	n.a.	W27
T 28	12 16 8	3°50'29	24°22	6° 6	4° 1	29°32	0°41	18°22	27°47	20° 3	3°35	18°41	17°59	1°13	n.a.	T 28
F 29	12 20 4	4°47'29	7♊48	5°30	5°13	0♓13	0°35	18°26	27°46	20° 3	3°33	18°36	17°56	1°20	n.a.	F 29
S 30	12 24 1	5♈44'29	20♊46	4♈54	6♓24	0♓54	0♏29	18♑30	27♋46	20♊ 4	3♎32	18♋34	17♋53	1♍26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s44	16n35	4s 3	3n 2	2n38	21s34	1s22	19s 8	1s 9	12s12	0n31	24s44	1s39	21n57	0n53	24n23	0n40	5n19	7n44	22n27	22n40	15n27		n.a.
S 2	8 22	19 40	3 14	3 26	2 36	21 19	1 24	18 56	1 9	12 12	0 31	24 44	1 39	21 57	0 53	24 23	0 40	5 20	7 44	22 27	22 40	15 25		n.a.
S 3	8 0	21 43	2 17	3 47	2 33	21 4	1 26	18 43	1 9	12 11	0 31	24 43	1 39	21 58	0 53	24 23	0 40	5 21	7 44	22 27	22 41	15 23		n.a.
M 4	7 38	22 41	1 15	4 6	2 30	20 48	1 27	18 31	1 9	12 10	0 31	24 43	1 39	21 58	0 53	24 23	0 40	5 21	7 44	22 26	22 41	15 21		n.a.
T 5	7 15	22 34	0 11	4 23	2 25	20 31	1 29	18 18	1 9	12 9	0 30	24 42	1 40	21 58	0 53	24 23	0 40	5 22	7 44	22 26	22 42	15 20		n.a.
W 6	6 53	21 24	0n53	4 38	2 20	20 14	1 30	18 6	1 8	12 9	0 30	24 42	1 40	21 59	0 53	24 23	0 40	5 22	7 44	22 26	22 42	15 18		n.a.
T 7	6 30	19 18	1 54	4 50	2 14	19 56	1 32	17 53	1 8	12 8	0 30	24 41	1 40	21 59	0 53	24 23	0 40	5 23	7 44	22 27	22 43	15 16		n.a.
F 8	6 8	16 24	2 50	5 0	2 7	19 38	1 33	17 40	1 8	12 7	0 30	24 41	1 40	21 59	0 53	24 23	0 40	5 23	7 44	22 27	22 43	15 14		n.a.
S 9	5 45	12 49	3 39	5 7	1 59	19 19	1 34	17 27	1 8	12 6	0 30	24 40	1 41	21 59	0 53	24 23	0 40	5 24	7 44	22 29	22 43	15 12		n.a.
S 10	5 22	8 44	4 18	5 12	1 50	19 0	1 36	17 13	1 8	12 5	0 30	24 40	1 41	22 0	0 53	24 23	0 40	5 25	7 44	22 30	22 44	15 11		n.a.
M11	5 0	4 16	4 46	5 14	1 41	18 40	1 37	17 0	1 7	12 4	0 30	24 39	1 41	22 0	0 53	24 23	0 40	5 25	7 44	22 32	22 44	15 9		n.a.
T 12	4 37	0s23	5 1	5 14	1 31	18 20	1 38	16 46	1 7	12 2	0 30	24 39	1 41	22 0	0 53	24 23	0 40	5 26	7 44	22 33	22 45	15 7		n.a.
W13	4 14	5 4	5 3	5 11	1 19	17 59	1 39	16 33	1 7	12 1	0 30	24 38	1 41	22 0	0 53	24 23	0 40	5 26	7 44	22 35	22 45	15 5		n.a.
T 14	3 51	9 38	4 51	5 6	1 7	17 38	1 40	16 19	1 7	12 0	0 30	24 38	1 42	22 1	0 53	24 23	0 40	5 27	7 44	22 36	22 46	15 3		n.a.
F 15	3 28	13 52	4 25	4 58	0 55	17 16	1 40	16 5	1 7	11 59	0 30	24 37	1 42	22 1	0 53	24 23	0 40	5 27	7 44	22 37	22 46	15 2		n.a.
S 16	3 5	17 33	3 45	4 48	0 41	16 54	1 41	15 51	1 6	11 57	0 29	24 37	1 42	22 1	0 53	24 23	0 40	5 28	7 44	22 38	22 47	15 0		n.a.
S 17	2 42	20 27	2 52	4 35	0 27	16 31	1 42	15 37	1 6	11 56	0 29	24 37	1 42	22 1	0 53	24 23	0 40	5 29	7 44	22 38	22 47	14 58		n.a.
M18	2 18	22 18	1 49	4 20	0 13	16 8	1 42	15 23	1 6	11 54	0 29	24 36	1 43	22 1	0 53	24 23	0 40	5 29	7 44	22 38	22 48	14 56		n.a.
T 19	1 55	22 53	0 37	4 3	0s 2	15 44	1 43	15 9	1 6	11 53	0 29	24 36	1 43	22 2	0 53	24 23	0 40	5 30	7 44	22 38	22 48	14 54		n.a.
W20	1 32	22 1	0s38	3 43	0 18	15 20	1 43	14 54	1 5	11 51	0 29	24 35	1 43	22 2	0 53	24 23	0 40	5 30	7 44	22 38	22 48	14 52		n.a.
T 21	1 9	19 40	1 53	3 22	0 34	14 56	1 43	14 40	1 5	11 49	0 29	24 35	1 43	22 2	0 53	24 23	0 40	5 31	7 43	22 38	22 49	14 51		n.a.
F 22	0 46	15 59	3 1	2 59	0 50	14 31	1 44	14 25	1 5	11 48	0 29	24 35	1 44	22 2	0 53	24 23	0 40	5 31	7 43	22 39	22 49	14 49		n.a.
S 23	0 22	11 13	3 58	2 34	1 6	14 6	1 44	14 11	1 5	11 46	0 29	24 34	1 44	22 2	0 53	24 23	0 40	5 32	7 43	22 40	22 50	14 47		n.a.
S 24	0n 1	5 45	4 38	2 8	1 22	13 40	1 44	13 56	1 4	11 44	0 29	24 34	1 44	22 2	0 52	24 24	0 40	5 33	7 43	22 41	22 50	14 45		n.a.
M25	0 24	0n 2	4 59	1 41	1 38	13 14	1 44	13 41	1 4	11 42	0 28	24 34	1 44	22 2	0 52	24 24	0 40	5 33	7 43	22 42	22 51	14 43		n.a.
T 26	0 48	5 42	5 0	1 14	1 54	12 48	1 44	13 26	1 4	11 40	0 28	24 33	1 45	22 2	0 52	24 24	0 40	5 34	7 43	22 44	22 51	14 41		n.a.
W27	1 11	10 56	4 41	0 46	2 9	12 21	1 43	13 11	1 4	11 38	0 28	24 33	1 45	22 3	0 52	24 24	0 40	5 34	7 43	22 45	22 51	14 40		n.a.
T 28	1 34	15 25	4 6	0 18	2 24	11 54	1 43	12 56	1 3	11 36	0 28	24 33	1 45	22 3	0 52	24 24	0 40	5 35	7 43	22 46	22 52	14 38		n.a.
F 29	1 57	18 58	3 18	0s 9	2 38	11 27	1 43	12 41	1 3	11 34	0 28	24 32	1 45	22 3	0 52	24 24	0 40	5 35	7 43	22 47	22 52	14 36		n.a.
S 30	2n21	21n26	2s22	0s36	2s50	10s59	1s42	12s26	1s 3	11s32	0n28	24s32	1s46	22n 3	0n52	24n24	0n40	5n36	7n43	22n47	22n53	14n34		n.a.

Julian Day Number = 201708.5, Delta T = 32h08m59s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'09, Lahiri = -61°07'08 Julian Calendar 1 Apr. 4161 BCE == Greg. Calendar 28 Feb. 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

MAY 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 27 57	6♈41'28	3♋21	4°R19	7♓36	1♓35	0°R23	18♑33	27°R45	20♊ 5	3°R30	18°D33	17♋50	1♍33	n.a.	S 1
M 2	12 31 54	7°38'28	15°36	3♈44	8°48	2°15	0♏16	18°37	27♋45	20° 6	3♎29	18°R33	17°47	1°40	n.a.	M 2
T 3	12 35 50	8°35'27	27°38	3°12	9°59	2°56	0°10	18°40	27°45	20° 7	3°27	18♋33	17°44	1°46	n.a.	T 3
W 4	12 39 47	9°32'27	9♌30	2°42	11°11	3°37	0° 3	18°43	27°44	20° 8	3°26	18°31	17°40	1°53	n.a.	W 4
T 5	12 43 44	10°29'27	21°19	2°15	12°23	4°17	29♎56	18°46	27°44	20° 9	3°24	18°28	17°37	2° 0	n.a.	T 5
F 6	12 47 40	11°26'27	3♍ 9	1°52	13°35	4°58	29°49	18°49	27°44	20°10	3°23	18°21	17°34	2° 6	n.a.	F 6
S 7	12 51 37	12°23'28	15° 2	1°32	14°47	5°38	29°42	18°52	27°44	20°11	3°21	18°12	17°31	2°13	n.a.	S 7
S 8	12 55 33	13°20'29	27° 2	1°16	15°59	6°19	29°35	18°55	27°D44	20°12	3°19	18° 1	17°28	2°20	n.a.	S 8
M 9	12 59 30	14°17'30	9♎10	1° 6	17°11	6°59	29°28	18°58	27°44	20°13	3°18	17°48	17°24	2°26	n.a.	M 9
T 10	13 3 26	15°14'32	21°27	1° 0	18°23	7°39	29°21	19° 1	27°44	20°14	3°16	17°35	17°21	2°33	n.a.	T 10
W11	13 7 23	16°11'34	3♏55	0°D59	19°35	8°19	29°13	19° 3	27°44	20°16	3°15	17°22	17°18	2°40	n.a.	W11
T 12	13 11 20	17° 8'38	16°34	1° 3	20°47	8°59	29° 6	19° 6	27°44	20°17	3°13	17°11	17°15	2°46	n.a.	T 12
F 13	13 15 16	18° 5'42	29°23	1°13	21°59	9°39	28°59	19° 8	27°44	20°18	3°12	17° 3	17°12	2°53	n.a.	F 13
S 14	13 19 13	19° 2'47	12♐24	1°28	23°12	10°19	28°51	19°10	27°45	20°19	3°10	16°57	17° 9	3° 0	n.a.	S 14
S 15	13 23 9	19°59'53	25°38	1°48	24°24	10°59	28°44	19°12	27°45	20°21	3° 9	16°54	17° 5	3° 7	n.a.	S 15
M16	13 27 6	20°57'00	9♑ 5	2°15	25°36	11°39	28°36	19°15	27°45	20°22	3° 7	16°53	17° 2	3°13	n.a.	M16
T 17	13 31 3	21°54'08	22°49	2°46	26°49	12°19	28°28	19°16	27°46	20°23	3° 6	16°53	16°59	3°20	n.a.	T 17
W18	13 34 59	22°51'18	6♒50	3°24	28° 1	12°59	28°21	19°18	27°46	20°25	3° 5	16°53	16°56	3°27	n.a.	W18
T 19	13 38 56	23°48'28	21° 7	4° 6	29°14	13°38	28°13	19°20	27°47	20°26	3° 3	16°51	16°53	3°33	n.a.	T 19
F 20	13 42 52	24°45'40	5♓39	4°54	0♈26	14°18	28° 5	19°22	27°47	20°27	3° 2	16°47	16°49	3°40	n.a.	F 20
S 21	13 46 49	25°42'53	20°22	5°48	1°39	14°58	27°58	19°23	27°48	20°29	3° 0	16°40	16°46	3°47	n.a.	S 21
S 22	13 50 45	26°40'07	5♈10	6°46	2°52	15°37	27°50	19°25	27°49	20°30	2°59	16°30	16°43	3°53	n.a.	S 22
M23	13 54 42	27°37'22	19°55	7°50	4° 4	16°17	27°42	19°26	27°50	20°32	2°57	16°20	16°40	4° 0	n.a.	M23
T 24	13 58 39	28°34'39	4♉28	8°59	5°17	16°56	27°34	19°27	27°50	20°33	2°56	16° 9	16°37	4° 7	n.a.	T 24
W25	14 2 35	29°31'56	18°42	10°13	6°30	17°35	27°27	19°28	27°51	20°35	2°55	15°59	16°34	4°13	n.a.	W25
T 26	14 6 32	0♉29'15	2♊33	11°32	7°43	18°15	27°19	19°29	27°52	20°36	2°53	15°51	16°30	4°20	n.a.	T 26
F 27	14 10 28	1°26'34	15°58	12°56	8°56	18°54	27°11	19°30	27°53	20°38	2°52	15°45	16°27	4°27	n.a.	F 27
S 28	14 14 25	2°23'55	28°57	14°24	10° 9	19°33	27° 3	19°31	27°54	20°40	2°51	15°42	16°24	4°33	n.a.	S 28
S 29	14 18 21	3°21'16	11♋33	15°57	11°21	20°12	26°56	19°32	27°55	20°41	2°49	15°D41	16°21	4°40	n.a.	S 29
M30	14 22 18	4°18'39	23°50	17°34	12°34	20°51	26°48	19°32	27°56	20°43	2°48	15°41	16°18	4°47	n.a.	M30
T 31	14 26 15	5♉16'02	5♌52	19♈14	13♈48	21♓30	26♎41	19♑33	27♋57	20♊45	2♎47	15°R41	16♋15	4♍54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	2n44	22n44	1s20	1s 1	3s 2	10s32	1s42	12s11	1s 2	11s30	0n28	24s32	1s46	22n 3	0n52	24n24	0n40	5n36	7n43	22n47	22n53	14n32			n.a.
M 2	3 7	22 55	0 16	1 25	3 13	10 3	1 41	11 56	1 2	11 27	0 27	24 32	1 46	22 3	0 52	24 24	0 40	5 37	7 42	22 47	22 54	14 30			n.a.
T 3	3 30	22 0	0n48	1 46	3 23	9 35	1 41	11 40	1 2	11 25	0 27	24 32	1 46	22 3	0 52	24 24	0 40	5 37	7 42	22 47	22 54	14 28			n.a.
W 4	3 53	20 7	1 49	2 6	3 31	9 6	1 40	11 25	1 2	11 23	0 27	24 31	1 47	22 3	0 52	24 24	0 40	5 38	7 42	22 47	22 55	14 26			n.a.
T 5	4 16	17 22	2 44	2 23	3 38	8 38	1 39	11 9	1 1	11 21	0 27	24 31	1 47	22 3	0 52	24 24	0 40	5 38	7 42	22 48	22 55	14 24			n.a.
F 6	4 39	13 55	3 33	2 38	3 43	8 8	1 39	10 54	1 1	11 18	0 27	24 31	1 47	22 3	0 52	24 24	0 40	5 39	7 42	22 49	22 55	14 23			n.a.
S 7	5 2	9 55	4 12	2 50	3 47	7 39	1 38	10 38	1 1	11 16	0 27	24 31	1 47	22 3	0 52	24 24	0 40	5 39	7 42	22 50	22 56	14 21			n.a.
S 8	5 25	5 29	4 40	2 59	3 50	7 10	1 37	10 23	1 0	11 13	0 27	24 31	1 48	22 3	0 52	24 24	0 40	5 40	7 42	22 52	22 56	14 19			n.a.
M 9	5 47	0 48	4 57	3 4	3 51	6 40	1 36	10 7	1 0	11 11	0 26	24 30	1 48	22 3	0 52	24 24	0 40	5 40	7 41	22 53	22 57	14 17			n.a.
T 10	6 10	3s59	4 59	3 7	3 52	6 10	1 35	9 51	0 59	11 8	0 26	24 30	1 48	22 3	0 52	24 25	0 40	5 41	7 41	22 55	22 57	14 15			n.a.
W11	6 32	8 41	4 48	3 6	3 50	5 40	1 34	9 35	0 59	11 6	0 26	24 30	1 48	22 3	0 52	24 25	0 40	5 41	7 41	22 57	22 57	14 13			n.a.
T 12	6 55	13 5	4 22	3 2	3 48	5 9	1 32	9 20	0 59	11 3	0 26	24 30	1 49	22 3	0 52	24 25	0 40	5 42	7 41	22 58	22 58	14 11			n.a.
F 13	7 17	16 58	3 43	2 55	3 44	4 39	1 31	9 4	0 58	11 1	0 26	24 30	1 49	22 2	0 52	24 25	0 40	5 42	7 41	22 59	22 58	14 9			n.a.
S 14	7 40	20 5	2 51	2 45	3 40	4 8	1 30	8 48	0 58	10 58	0 26	24 30	1 49	22 2	0 52	24 25	0 40	5 43	7 41	23 0	22 59	14 7			n.a.
S 15	8 2	22 12	1 50	2 31	3 34	3 38	1 28	8 32	0 58	10 56	0 26	24 30	1 50	22 2	0 52	24 25	0 40	5 43	7 40	23 1	22 59	14 5			n.a.
M16	8 24	23 6	0 41	2 14	3 27	3 7	1 27	8 16	0 57	10 53	0 25	24 30	1 50	22 2	0 52	24 25	0 40	5 44	7 40	23 1	23 0	14 3			n.a.
T 17	8 46	22 38	0s31	1 54	3 20	2 36	1 25	8 0	0 57	10 50	0 25	24 30	1 50	22 2	0 51	24 25	0 40	5 44	7 40	23 1	23 0	14 1			n.a.
W18	9 8	20 45	1 43	1 32	3 11	2 5	1 24	7 44	0 57	10 48	0 25	24 30	1 50	22 2	0 51	24 25	0 40	5 44	7 40	23 1	23 0	13 59			n.a.
T 19	9 29	17 32	2 50	1 6	3 2	1 34	1 22	7 28	0 56	10 45	0 25	24 30	1 51	22 2	0 51	24 25	0 40	5 45	7 40	23 1	23 1	13 58			n.a.
F 20	9 51	13 12	3 48	0 37	2 52	1 3	1 21	7 12	0 56	10 43	0 25	24 30	1 51	22 2	0 51	24 25	0 40	5 45	7 40	23 2	23 1	13 56			n.a.
S 21	10 13	8 2	4 30	0 6	2 42	0 32	1 19	6 56	0 55	10 40	0 24	24 30	1 51	22 1	0 51	24 26	0 40	5 46	7 39	23 2	23 2	13 54			n.a.
S 22	10 34	2 23	4 55	0n28	2 31	0 0	1 17	6 40	0 55	10 37	0 24	24 30	1 51	22 1	0 51	24 26	0 40	5 46	7 39	23 4	23 2	13 52			n.a.
M23	10 55	3n23	5 0	1 4	2 20	0n31	1 15	6 24	0 55	10 34	0 24	24 30	1 52	22 1	0 51	24 26	0 40	5 46	7 39	23 5	23 2	13 50			n.a.
T 24	11 16	8 53	4 46	1 43	2 8	1 2	1 13	6 8	0 54	10 32	0 24	24 30	1 52	22 1	0 51	24 26	0 40	5 47	7 39	23 6	23 3	13 48			n.a.
W25	11 37	13 49	4 14	2 24	1 56	1 34	1 12	5 51	0 54	10 29	0 24	24 30	1 52	22 1	0 51	24 26	0 40	5 47	7 38	23 8	23 3	13 46			n.a.
T 26	11 58	17 52	3 28	3 7	1 43	2 5	1 10	5 35	0 53	10 26	0 24	24 30	1 53	22 0	0 51	24 26	0 40	5 47	7 38	23 9	23 4	13 44			n.a.
F 27	12 18	20 51	2 31	3 52	1 30	2 36	1 8	5 19	0 53	10 24	0 23	24 31	1 53	22 0	0 51	24 26	0 40	5 48	7 38	23 9	23 4	13 42			n.a.
S 28	12 39	22 39	1 28	4 39	1 18	3 8	1 6	5 3	0 52	10 21	0 23	24 31	1 53	22 0	0 51	24 26	0 40	5 48	7 38	23 10	23 4	13 40			n.a.
S 29	12 59	23 14	0 22	5 27	1 5	3 39	1 4	4 47	0 52	10 18	0 23	24 31	1 53	22 0	0 51	24 26	0 40	5 48	7 38	23 10	23 5	13 38			n.a.
M30	13 19	22 39	0n43	6 17	0 52	4 10	1 1	4 31	0 52	10 16	0 23	24 31	1 54	21 59	0 51	24 27	0 40	5 49	7 37	23 10	23 5	13 36			n.a.
T 31	13n39	21n 2	1n45	7n 8	0s39	4n41	0s59	4s14	0s51	10s13	0n23	24s31	1s54	21n59	0n51	24n27	0n40	5n49	7n37	23n10	23n 6	13n34			n.a.

Julian Day Number = 201738.5, Delta T = 32h08m56s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'05, Lahiri = -61°07'04 Julian Calendar 1 May 4161 BCE == Greg. Calendar 29 March 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

JUNE 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 30 11	6♉13'26	17♌46	20♈59	15♈ 1	22♓ 9	26°R33	19♏33	27♋59	20♊46	2°R46	15°R41	16♋11	5♍ 0	n.a.	W 1
T 2	14 34 8	7°10'52	29°36	22°46	16°14	22°48	26♎26	19°34	28° 0	20°48	2♎44	15♋38	16° 8	5° 7	n.a.	T 2
F 3	14 38 4	8° 8'18	11♍28	24°37	17°27	23°26	26°18	19°34	28° 1	20°50	2°43	15°33	16° 5	5°14	n.a.	F 3
S 4	14 42 1	9° 5'46	23°25	26°31	18°40	24° 5	26°11	19°R34	28° 3	20°51	2°42	15°26	16° 2	5°20	n.a.	S 4
S 5	14 45 57	10° 3'15	5♎31	28°26	19°53	24°44	26° 3	19°34	28° 4	20°53	2°41	15°17	15°59	5°27	n.a.	S 5
M 6	14 49 54	11° 0'45	17°48	0♉24	21° 7	25°22	25°56	19°34	28° 5	20°55	2°40	15° 6	15°55	5°34	n.a.	M 6
T 7	14 53 51	11°58'17	0♏19	2°24	22°20	26° 1	25°49	19°33	28° 7	20°57	2°39	14°55	15°52	5°40	n.a.	T 7
W 8	14 57 47	12°55'50	13° 3	4°24	23°33	26°39	25°42	19°33	28° 8	20°59	2°38	14°44	15°49	5°47	n.a.	W 8
T 9	15 1 44	13°53'25	26° 0	6°26	24°47	27°17	25°35	19°32	28°10	21° 1	2°36	14°35	15°46	5°54	n.a.	T 9
F 10	15 5 40	14°51'01	9♐ 9	8°29	26° 0	27°56	25°28	19°32	28°12	21° 2	2°35	14°28	15°43	6° 0	n.a.	F 10
S 11	15 9 37	15°48'39	22°30	10°31	27°14	28°34	25°21	19°31	28°13	21° 4	2°34	14°24	15°40	6° 7	n.a.	S 11
S 12	15 13 33	16°46'19	6♑ 2	12°34	28°27	29°12	25°14	19°30	28°15	21° 6	2°33	14°22	15°36	6°14	n.a.	S 12
M13	15 17 30	17°44'01	19°43	14°36	29°41	29°50	25° 8	19°30	28°17	21° 8	2°32	14°D22	15°33	6°21	n.a.	M13
T 14	15 21 27	18°41'45	3♒34	16°38	0♉55	0♈28	25° 1	19°28	28°19	21°10	2°31	14°22	15°30	6°27	n.a.	T 14
W15	15 25 23	19°39'30	17°35	18°40	2° 8	1° 6	24°55	19°27	28°21	21°12	2°30	14°R23	15°27	6°34	n.a.	W15
T 16	15 29 20	20°37'18	1♓45	20°41	3°22	1°44	24°49	19°26	28°23	21°14	2°30	14°22	15°24	6°41	n.a.	T 16
F 17	15 33 16	21°35'08	16° 2	22°40	4°36	2°22	24°42	19°25	28°25	21°16	2°29	14°20	15°21	6°47	n.a.	F 17
S 18	15 37 13	22°32'59	0♈23	24°39	5°50	2°59	24°36	19°23	28°27	21°18	2°28	14°16	15°17	6°54	n.a.	S 18
S 19	15 41 9	23°30'53	14°46	26°37	7° 4	3°37	24°30	19°22	28°29	21°20	2°27	14° 9	15°14	7° 1	n.a.	S 19
M20	15 45 6	24°28'49	29° 5	28°34	8°18	4°15	24°25	19°20	28°31	21°22	2°26	14° 2	15°11	7° 7	n.a.	M20
T 21	15 49 2	25°26'46	13♉14	0♊29	9°31	4°52	24°19	19°18	28°33	21°24	2°25	13°54	15° 8	7°14	n.a.	T 21
W22	15 52 59	26°24'46	27° 9	2°23	10°46	5°30	24°14	19°17	28°35	21°26	2°25	13°46	15° 5	7°21	n.a.	W22
T 23	15 56 56	27°22'48	10♊45	4°16	12° 0	6° 7	24° 8	19°15	28°37	21°28	2°24	13°41	15° 1	7°28	n.a.	T 23
F 24	16 0 52	28°20'51	24° 0	6° 8	13°14	6°44	24° 3	19°13	28°40	21°30	2°23	13°37	14°58	7°34	n.a.	F 24
S 25	16 4 49	29°18'57	6♋54	7°58	14°28	7°21	23°58	19°11	28°42	21°32	2°23	13°35	14°55	7°41	n.a.	S 25
S 26	16 8 45	0♊17'04	19°28	9°48	15°42	7°59	23°53	19° 8	28°44	21°34	2°22	13°D35	14°52	7°48	n.a.	S 26
M27	16 12 42	1°15'12	1♌44	11°36	16°56	8°36	23°48	19° 6	28°47	21°37	2°21	13°36	14°49	7°54	n.a.	M27
T 28	16 16 38	2°13'23	13°48	13°22	18°10	9°13	23°44	19° 4	28°49	21°39	2°21	13°38	14°46	8° 1	n.a.	T 28
W29	16 20 35	3°11'35	25°43	15° 7	19°25	9°50	23°39	19° 1	28°52	21°41	2°20	13°39	14°42	8° 8	n.a.	W29
T 30	16 24 31	4♊ 9'49	7♍34	16♊52	20♉39	10♈26	23♎35	18♏58	28♋54	21♊43	2♎20	13°R39	14♋39	8♍14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n58	18n30	2n42	8n 0	0s27	5n12	0s57	3s58	0s51	10s11	0n22	24s32	1s54	21n59	0n51	24n27	0n40	5n49	7n37	23n10	23n 6	13n32		n.a.
T 2	14 18	15 13	3 31	8 52	0 15	5 43	0 55	3 42	0 50	10 8	0 22	24 32	1 55	21 58	0 51	24 27	0 40	5 50	7 37	23 10	23 6	13 30		n.a.
F 3	14 37	11 19	4 12	9 45	0 3	6 14	0 53	3 26	0 50	10 5	0 22	24 32	1 55	21 58	0 51	24 27	0 40	5 50	7 36	23 11	23 7	13 28		n.a.
S 4	14 56	6 58	4 41	10 39	0n 9	6 44	0 50	3 10	0 49	10 3	0 22	24 32	1 55	21 58	0 51	24 27	0 40	5 50	7 36	23 11	23 7	13 26		n.a.
S 5	15 14	2 18	4 59	11 32	0 20	7 15	0 48	2 54	0 49	10 0	0 22	24 33	1 55	21 57	0 51	24 27	0 40	5 50	7 36	23 13	23 8	13 24		n.a.
M 6	15 33	2s32	5 3	12 24	0 30	7 45	0 46	2 38	0 48	9 58	0 21	24 33	1 56	21 57	0 51	24 27	0 40	5 51	7 36	23 14	23 8	13 22		n.a.
T 7	15 51	7 21	4 52	13 16	0 40	8 16	0 43	2 21	0 48	9 55	0 21	24 33	1 56	21 57	0 51	24 28	0 40	5 51	7 35	23 15	23 8	13 20		n.a.
W 8	16 9	11 57	4 27	14 8	0 50	8 46	0 41	2 5	0 47	9 53	0 21	24 34	1 56	21 56	0 51	24 28	0 40	5 51	7 35	23 16	23 9	13 18		n.a.
T 9	16 27	16 6	3 48	14 58	0 59	9 16	0 39	1 49	0 47	9 50	0 21	24 34	1 57	21 56	0 50	24 28	0 40	5 51	7 35	23 17	23 9	13 16		n.a.
F 10	16 45	19 32	2 57	15 46	1 7	9 45	0 36	1 33	0 46	9 48	0 21	24 34	1 57	21 56	0 50	24 28	0 40	5 51	7 35	23 18	23 10	13 14		n.a.
S 11	17 2	22 0	1 54	16 34	1 14	10 15	0 34	1 17	0 46	9 46	0 20	24 35	1 57	21 55	0 50	24 28	0 40	5 52	7 34	23 19	23 10	13 12		n.a.
S 12	17 19	23 14	0 45	17 19	1 21	10 44	0 31	1 1	0 45	9 43	0 20	24 35	1 57	21 55	0 50	24 28	0 40	5 52	7 34	23 19	23 10	13 10		n.a.
M13	17 36	23 5	0s29	18 3	1 27	11 13	0 29	0 45	0 45	9 41	0 20	24 35	1 58	21 54	0 50	24 28	0 40	5 52	7 34	23 19	23 11	13 7		n.a.
T 14	17 52	21 32	1 41	18 44	1 32	11 42	0 27	0 29	0 44	9 39	0 20	24 36	1 58	21 54	0 50	24 28	0 40	5 52	7 33	23 19	23 11	13 5		n.a.
W15	18 8	18 40	2 49	19 24	1 36	12 11	0 24	0 13	0 44	9 36	0 20	24 36	1 58	21 54	0 50	24 29	0 40	5 52	7 33	23 19	23 11	13 3		n.a.
T 16	18 24	14 39	3 46	20 2	1 40	12 39	0 22	0n 3	0 43	9 34	0 19	24 37	1 58	21 53	0 50	24 29	0 40	5 52	7 33	23 19	23 12	13 1		n.a.
F 17	18 40	9 48	4 30	20 37	1 43	13 7	0 19	0 19	0 43	9 32	0 19	24 37	1 59	21 53	0 50	24 29	0 40	5 52	7 33	23 19	23 12	12 59		n.a.
S 18	18 55	4 22	4 58	21 10	1 46	13 35	0 17	0 35	0 42	9 30	0 19	24 38	1 59	21 52	0 50	24 29	0 40	5 52	7 32	23 20	23 13	12 57		n.a.
S 19	19 10	1n17	5 7	21 42	1 48	14 2	0 14	0 51	0 42	9 28	0 19	24 38	1 59	21 52	0 50	24 29	0 40	5 52	7 32	23 20	23 13	12 55		n.a.
M20	19 25	6 51	4 56	22 10	1 49	14 29	0 12	1 6	0 41	9 26	0 18	24 39	2 0	21 51	0 50	24 29	0 40	5 53	7 32	23 21	23 13	12 53		n.a.
T 21	19 40	12 0	4 28	22 37	1 50	14 56	0 9	1 22	0 41	9 24	0 18	24 39	2 0	21 51	0 50	24 29	0 40	5 53	7 31	23 22	23 14	12 51		n.a.
W22	19 54	16 27	3 44	23 1	1 50	15 22	0 7	1 38	0 40	9 22	0 18	24 40	2 0	21 50	0 50	24 30	0 40	5 53	7 31	23 23	23 14	12 49		n.a.
T 23	20 7	19 55	2 48	23 23	1 50	15 48	0 4	1 54	0 39	9 20	0 18	24 40	2 0	21 50	0 50	24 30	0 40	5 53	7 31	23 23	23 14	12 47		n.a.
F 24	20 21	22 15	1 44	23 43	1 49	16 13	0 2	2 9	0 39	9 19	0 18	24 41	2 1	21 49	0 50	24 30	0 40	5 53	7 30	23 24	23 15	12 45		n.a.
S 25	20 34	23 20	0 36	24 1	1 48	16 39	0n 1	2 25	0 38	9 17	0 17	24 41	2 1	21 49	0 50	24 30	0 40	5 53	7 30	23 24	23 15	12 43		n.a.
S 26	20 47	23 11	0n32	24 17	1 46	17 3	0 3	2 41	0 38	9 15	0 17	24 42	2 1	21 48	0 50	24 30	0 40	5 53	7 30	23 24	23 15	12 40		n.a.
M27	20 59	21 54	1 37	24 31	1 43	17 28	0 6	2 56	0 37	9 14	0 17	24 43	2 1	21 48	0 50	24 30	0 40	5 53	7 30	23 24	23 16	12 38		n.a.
T 28	21 11	19 39	2 37	24 43	1 41	17 51	0 8	3 12	0 36	9 12	0 17	24 43	2 2	21 47	0 50	24 30	0 40	5 53	7 29	23 24	23 16	12 36		n.a.
W29	21 23	16 34	3 29	24 52	1 38	18 15	0 11	3 27	0 36	9 11	0 17	24 44	2 2	21 46	0 50	24 31	0 40	5 52	7 29	23 23	23 17	12 34		n.a.
T 30	21n34	12n51	4n12	25n 0	1n34	18n38	0n13	3n42	0s35	9s 9	0n16	24s44	2s 2	21n46	0n50	24n31	0n40	5n52	7n29	23n23	23n17	12n32		n.a.

Julian Day Number = 201769.5, Delta T = 32h08m53s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°14'00, Lahiri = -61°07'00 Julian Calendar 1 June 4161 BCE == Greg. Calendar 29 Apr. 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

JULY 4161 BCE (-4160) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 28 28	5♊ 8'04	19♍27	18♊34	21♉53	11♈ 3	23°R31	18°R56	28♋57	21♊45	2°R19	13°R38	14♋36	8♍21	n.a.	F 1
S 2	16 32 25	6° 6'22	1♎26	20°16	23° 8	11°40	23♎27	18♏53	29° 0	21°47	2♎19	13♋35	14°33	8°28	n.a.	S 2
S 3	16 36 21	7° 4'41	13°35	21°57	24°22	12°16	23°23	18°50	29° 2	21°49	2°18	13°31	14°30	8°34	n.a.	S 3
M 4	16 40 18	8° 3'02	25°59	23°36	25°36	12°53	23°20	18°47	29° 5	21°52	2°18	13°25	14°26	8°41	n.a.	M 4
T 5	16 44 14	9° 1'25	8♏39	25°14	26°51	13°29	23°16	18°44	29° 8	21°54	2°17	13°20	14°23	8°48	n.a.	T 5
W 6	16 48 11	9°59'51	21°37	26°51	28° 5	14° 6	23°13	18°41	29°10	21°56	2°17	13°14	14°20	8°55	n.a.	W 6
T 7	16 52 7	10°58'18	4♐52	28°26	29°20	14°42	23°10	18°38	29°13	21°58	2°17	13° 9	14°17	9° 1	n.a.	T 7
F 8	16 56 4	11°56'47	18°23	0♋ 1	0♊35	15°18	23° 7	18°34	29°16	22° 0	2°16	13° 6	14°14	9° 8	n.a.	F 8
S 9	17 0 0	12°55'19	2♑ 9	1°34	1°49	15°54	23° 5	18°31	29°19	22° 3	2°16	13° 4	14°11	9°15	n.a.	S 9
S 10	17 3 57	13°53'52	16° 6	3° 7	3° 4	16°30	23° 2	18°27	29°22	22° 5	2°16	13°D 3	14° 7	9°21	n.a.	S 10
M11	17 7 53	14°52'29	0♒11	4°38	4°19	17° 6	23° 0	18°24	29°25	22° 7	2°16	13° 4	14° 4	9°28	n.a.	M11
T 12	17 11 50	15°51'07	14°21	6° 8	5°33	17°42	22°58	18°20	29°28	22° 9	2°16	13° 6	14° 1	9°35	n.a.	T 12
W13	17 15 47	16°49'48	28°34	7°37	6°48	18°18	22°56	18°16	29°31	22°12	2°15	13° 7	13°58	9°41	n.a.	W13
T 14	17 19 43	17°48'32	12♓47	9° 4	8° 3	18°54	22°54	18°13	29°34	22°14	2°15	13°R 8	13°55	9°48	n.a.	T 14
F 15	17 23 40	18°47'18	26°58	10°31	9°18	19°29	22°53	18° 9	29°37	22°16	2°15	13° 8	13°52	9°55	n.a.	F 15
S 16	17 27 36	19°46'06	11♈ 5	11°56	10°33	20° 5	22°52	18° 5	29°40	22°18	2°15	13° 6	13°48	10° 2	n.a.	S 16
S 17	17 31 33	20°44'57	25° 5	13°20	11°48	20°40	22°50	18° 1	29°43	22°21	2°D15	13° 4	13°45	10° 8	n.a.	S 17
M18	17 35 29	21°43'51	8♉58	14°43	13° 3	21°16	22°50	17°57	29°46	22°23	2°15	13° 1	13°42	10°15	n.a.	M18
T 19	17 39 26	22°42'47	22°39	16° 4	14°17	21°51	22°49	17°53	29°49	22°25	2°15	12°58	13°39	10°22	n.a.	T 19
W20	17 43 22	23°41'45	6♊ 7	17°24	15°32	22°26	22°48	17°49	29°53	22°27	2°15	12°56	13°36	10°28	n.a.	W20
T 21	17 47 19	24°40'46	19°21	18°43	16°48	23° 1	22°48	17°44	29°56	22°29	2°16	12°54	13°32	10°35	n.a.	T 21
F 22	17 51 15	25°39'49	2♋19	20° 1	18° 3	23°36	22°D48	17°40	29°59	22°32	2°16	12°52	13°29	10°42	n.a.	F 22
S 23	17 55 12	26°38'55	15° 0	21°17	19°18	24°11	22°48	17°36	0♌ 2	22°34	2°16	12°D52	13°26	10°49	n.a.	S 23
S 24	17 59 8	27°38'03	27°27	22°31	20°33	24°46	22°48	17°31	0° 6	22°36	2°16	12°53	13°23	10°55	n.a.	S 24
M25	18 3 5	28°37'12	9♌39	23°44	21°48	25°20	22°48	17°27	0° 9	22°38	2°16	12°54	13°20	11° 2	n.a.	M25
T 26	18 7 2	29°36'24	21°41	24°54	23° 3	25°55	22°49	17°22	0°12	22°41	2°17	12°55	13°17	11° 9	n.a.	T 26
W27	18 10 58	0♋35'38	3♍36	26° 4	24°18	26°29	22°50	17°18	0°16	22°43	2°17	12°56	13°13	11°15	n.a.	W27
T 28	18 14 55	1°34'54	15°27	27°11	25°33	27° 4	22°51	17°13	0°19	22°45	2°17	12°57	13°10	11°22	n.a.	T 28
F 29	18 18 51	2°34'12	27°19	28°15	26°49	27°38	22°52	17° 9	0°23	22°47	2°18	12°R57	13° 7	11°29	n.a.	F 29
S 30	18 22 48	3°33'32	9♎18	29°18	28° 4	28°12	22°54	17° 4	0°26	22°50	2°18	12°57	13° 4	11°35	n.a.	S 30
S 31	18 26 44	4♋32'54	21♎26	0♌18	29♊19	28♈46	22♎55	16♏59	0♌30	22♊52	2♎19	12♋57	13♋ 1	11♍42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n45	8n37	4n44	25n 6	1n30	19n 0	0n16	3n58	0s35	9s 8	0n16	24s45	2s 2	21n45	0n50	24n31	0n40	5n52	7n28	23n24	23n17	12n30		n.a.
S 2	21 56	4 2	5 4	25 10	1 26	19 22	0 18	4 13	0 34	9 7	0 16	24 46	2 3	21 45	0 50	24 31	0 40	5 52	7 28	23 24	23 18	12 28		n.a.
S 3	22 6	0s45	5 11	25 13	1 21	19 43	0 20	4 28	0 33	9 5	0 16	24 46	2 3	21 44	0 50	24 31	0 40	5 52	7 28	23 24	23 18	12 26		n.a.
M 4	22 16	5 37	5 4	25 14	1 17	20 4	0 23	4 43	0 33	9 4	0 16	24 47	2 3	21 44	0 50	24 31	0 40	5 52	7 27	23 25	23 18	12 24		n.a.
T 5	22 25	10 21	4 41	25 13	1 11	20 24	0 25	4 59	0 32	9 3	0 15	24 48	2 3	21 43	0 50	24 31	0 40	5 52	7 27	23 25	23 19	12 21		n.a.
W 6	22 34	14 45	4 5	25 10	1 6	20 44	0 27	5 14	0 32	9 2	0 15	24 48	2 4	21 42	0 49	24 32	0 40	5 52	7 27	23 26	23 19	12 19		n.a.
T 7	22 43	18 32	3 14	25 6	1 0	21 3	0 30	5 29	0 31	9 1	0 15	24 49	2 4	21 42	0 49	24 32	0 40	5 51	7 26	23 27	23 19	12 17		n.a.
F 8	22 51	21 25	2 11	25 1	0 54	21 22	0 32	5 44	0 30	9 0	0 15	24 50	2 4	21 41	0 49	24 32	0 40	5 51	7 26	23 27	23 20	12 15		n.a.
S 9	22 59	23 6	0 59	24 54	0 48	21 40	0 34	5 59	0 30	9 0	0 14	24 51	2 4	21 40	0 49	24 32	0 40	5 51	7 26	23 27	23 20	12 13		n.a.
S 10	23 6	23 23	0s17	24 46	0 41	21 57	0 36	6 13	0 29	8 59	0 14	24 51	2 4	21 40	0 49	24 32	0 40	5 51	7 25	23 27	23 20	12 11		n.a.
M11	23 13	22 11	1 33	24 36	0 35	22 14	0 38	6 28	0 28	8 58	0 14	24 52	2 5	21 39	0 49	24 32	0 40	5 51	7 25	23 27	23 21	12 9		n.a.
T 12	23 20	19 35	2 43	24 26	0 28	22 30	0 40	6 43	0 28	8 58	0 14	24 53	2 5	21 38	0 49	24 33	0 40	5 50	7 25	23 27	23 21	12 6		n.a.
W13	23 26	15 47	3 44	24 14	0 21	22 45	0 42	6 57	0 27	8 57	0 14	24 53	2 5	21 38	0 49	24 33	0 40	5 50	7 24	23 27	23 21	12 4		n.a.
T 14	23 32	11 6	4 32	24 1	0 13	23 0	0 44	7 12	0 26	8 57	0 13	24 54	2 5	21 37	0 49	24 33	0 40	5 50	7 24	23 27	23 22	12 2		n.a.
F 15	23 37	5 50	5 2	23 47	0 6	23 14	0 46	7 26	0 26	8 56	0 13	24 55	2 6	21 36	0 49	24 33	0 40	5 50	7 24	23 27	23 22	12 0		n.a.
S 16	23 42	0 18	5 14	23 32	0s 2	23 27	0 48	7 41	0 25	8 56	0 13	24 56	2 6	21 36	0 49	24 33	0 40	5 49	7 23	23 27	23 22	11 58		n.a.
S 17	23 47	5n13	5 8	23 16	0 9	23 40	0 50	7 55	0 24	8 56	0 13	24 56	2 6	21 35	0 49	24 33	0 40	5 49	7 23	23 27	23 23	11 56		n.a.
M18	23 51	10 25	4 43	22 59	0 17	23 52	0 52	8 10	0 23	8 55	0 13	24 57	2 6	21 34	0 49	24 33	0 40	5 49	7 23	23 27	23 23	11 53		n.a.
T 19	23 54	15 3	4 3	22 42	0 25	24 3	0 54	8 24	0 23	8 55	0 12	24 58	2 6	21 33	0 49	24 34	0 40	5 48	7 22	23 28	23 23	11 51		n.a.
W20	23 57	18 50	3 9	22 24	0 33	24 14	0 56	8 38	0 22	8 55	0 12	24 59	2 6	21 33	0 49	24 34	0 40	5 48	7 22	23 28	23 24	11 49		n.a.
T 21	24 0	21 35	2 6	22 5	0 41	24 23	0 58	8 52	0 21	8 55	0 12	24 59	2 7	21 32	0 49	24 34	0 40	5 48	7 22	23 28	23 24	11 47		n.a.
F 22	24 2	23 8	0 58	21 45	0 50	24 33	0 59	9 6	0 21	8 56	0 12	25 0	2 7	21 31	0 49	24 34	0 40	5 47	7 21	23 28	23 24	11 45		n.a.
S 23	24 4	23 26	0n12	21 25	0 58	24 41	1 1	9 20	0 20	8 56	0 12	25 1	2 7	21 31	0 49	24 34	0 40	5 47	7 21	23 28	23 25	11 43		n.a.
S 24	24 5	22 34	1 20	21 5	1 6	24 48	1 3	9 34	0 19	8 56	0 11	25 2	2 7	21 30	0 49	24 34	0 40	5 46	7 21	23 28	23 25	11 40		n.a.
M25	24 6	20 37	2 23	20 44	1 15	24 55	1 4	9 47	0 18	8 56	0 11	25 2	2 7	21 29	0 49	24 34	0 40	5 46	7 20	23 28	23 25	11 38		n.a.
T 26	24 7	17 48	3 19	20 23	1 23	25 1	1 6	10 1	0 18	8 57	0 11	25 3	2 7	21 28	0 49	24 35	0 40	5 46	7 20	23 28	23 26	11 36		n.a.
W27	24 7	14 16	4 5	20 2	1 32	25 6	1 7	10 14	0 17	8 57	0 11	25 4	2 8	21 28	0 49	24 35	0 40	5 45	7 20	23 28	23 26	11 34		n.a.
T 28	24 6	10 11	4 41	19 40	1 40	25 11	1 8	10 28	0 16	8 58	0 11	25 5	2 8	21 27	0 49	24 35	0 40	5 45	7 19	23 28	23 26	11 31		n.a.
F 29	24 5	5 44	5 5	19 19	1 49	25 14	1 10	10 41	0 15	8 59	0 10	25 6	2 8	21 26	0 49	24 35	0 40	5 44	7 19	23 28	23 27	11 29		n.a.
S 30	24 4	1 2	5 16	18 58	1 57	25 17	1 11	10 55	0 14	8 59	0 10	25 6	2 8	21 25	0 49	24 35	0 40	5 44	7 19	23 28	23 27	11 27		n.a.
S 31	24n 2	3s46	5n14	18n37	2s 5	25n19	1n12	11n 8	0s14	9s 0	0n10	25s 7	2s 8	21n24	0n49	24n35	0n40	5n43	7n18	23n28	23n27	11n25		n.a.

Julian Day Number = 201799.5, Delta T = 32h08m50s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'56, Lahiri = -61°06'56 Julian Calendar 1 July 4161 BCE == Greg. Calendar 29 May 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

AUGUST 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 30 41	5♋32'18	3♏50	1♌16	0♋35	29♈20	22♎57	16°R55	0♌33	22♊54	2♎19	12°R56	12♋58	11♍49	n.a.	M 1
T 2	18 34 37	6°31'44	16°32	2°10	1°50	29°54	22°59	16♑50	0°37	22°56	2°20	12♋56	12°54	11°56	n.a.	T 2
W 3	18 38 34	7°31'13	29°36	3° 2	3° 5	0♉27	23° 1	16°45	0°40	22°58	2°20	12°55	12°51	12° 2	n.a.	W 3
T 4	18 42 30	8°30'43	13♐ 2	3°49	4°20	1° 1	23° 4	16°40	0°44	23° 0	2°21	12°54	12°48	12° 9	n.a.	T 4
F 5	18 46 27	9°30'16	26°50	4°34	5°36	1°35	23° 6	16°35	0°47	23° 3	2°21	12°54	12°45	12°16	n.a.	F 5
S 6	18 50 23	10°29'51	10♑58	5°14	6°51	2° 8	23° 9	16°31	0°51	23° 5	2°22	12°D54	12°42	12°22	n.a.	S 6
S 7	18 54 20	11°29'28	25°22	5°49	8° 7	2°41	23°12	16°26	0°55	23° 7	2°23	12°54	12°38	12°29	n.a.	S 7
M 8	18 58 16	12°29'07	9♒55	6°20	9°22	3°14	23°15	16°21	0°58	23° 9	2°23	12°R54	12°35	12°36	n.a.	M 8
T 9	19 2 13	13°28'49	24°33	6°45	10°38	3°47	23°18	16°16	1° 2	23°11	2°24	12°54	12°32	12°42	n.a.	T 9
W10	19 6 10	14°28'33	9♓ 8	7° 4	11°53	4°20	23°22	16°11	1° 6	23°13	2°25	12°54	12°29	12°49	n.a.	W10
T 11	19 10 6	15°28'20	23°37	7°17	13° 8	4°53	23°26	16° 6	1° 9	23°16	2°26	12°54	12°26	12°56	n.a.	T 11
F 12	19 14 3	16°28'09	7♈54	7°R24	14°24	5°25	23°29	16° 1	1°13	23°18	2°26	12°53	12°23	13° 3	n.a.	F 12
S 13	19 17 59	17°28'00	21°57	7°22	15°39	5°58	23°34	15°56	1°17	23°20	2°27	12°D53	12°19	13° 9	n.a.	S 13
S 14	19 21 56	18°27'55	5♉45	7°13	16°55	6°30	23°38	15°52	1°20	23°22	2°28	12°54	12°16	13°16	n.a.	S 14
M15	19 25 52	19°27'51	19°18	6°56	18°11	7° 2	23°42	15°47	1°24	23°24	2°29	12°54	12°13	13°23	n.a.	M15
T 16	19 29 49	20°27'51	2♊36	6°30	19°26	7°35	23°47	15°42	1°28	23°26	2°30	12°55	12°10	13°29	n.a.	T 16
W17	19 33 45	21°27'52	15°39	5°56	20°42	8° 6	23°52	15°37	1°32	23°28	2°31	12°56	12° 7	13°36	n.a.	W17
T 18	19 37 42	22°27'56	28°29	5°13	21°57	8°38	23°56	15°32	1°35	23°30	2°32	12°56	12° 4	13°43	n.a.	T 18
F 19	19 41 38	23°28'03	11♋ 6	4°21	23°13	9°10	24° 2	15°27	1°39	23°32	2°33	12°R57	12° 0	13°50	n.a.	F 19
S 20	19 45 35	24°28'11	23°32	3°22	24°28	9°41	24° 7	15°23	1°43	23°34	2°34	12°56	11°57	13°56	n.a.	S 20
S 21	19 49 31	25°28'22	5♌47	2°16	25°44	10°13	24°12	15°18	1°47	23°36	2°35	12°56	11°54	14° 3	n.a.	S 21
M22	19 53 28	26°28'34	17°53	1° 4	27° 0	10°44	24°18	15°13	1°50	23°38	2°36	12°54	11°51	14°10	n.a.	M22
T 23	19 57 24	27°28'49	29°51	29♋49	28°15	11°15	24°24	15° 8	1°54	23°40	2°38	12°52	11°48	14°16	n.a.	T 23
W24	20 1 21	28°29'05	11♍44	28°33	29°31	11°46	24°30	15° 4	1°58	23°42	2°39	12°49	11°44	14°23	n.a.	W24
T 25	20 5 18	29°29'24	23°34	27°17	0♌47	12°16	24°36	14°59	2° 2	23°44	2°40	12°47	11°41	14°30	n.a.	T 25
F 26	20 9 14	0♌29'44	5♎25	26° 4	2° 2	12°47	24°42	14°54	2° 6	23°46	2°41	12°45	11°38	14°37	n.a.	F 26
S 27	20 13 11	1°30'06	17°21	24°57	3°18	13°17	24°49	14°50	2° 9	23°47	2°43	12°43	11°35	14°43	n.a.	S 27
S 28	20 17 7	2°30'29	29°27	23°57	4°33	13°48	24°55	14°45	2°13	23°49	2°44	12°D42	11°32	14°50	n.a.	S 28
M29	20 21 4	3°30'55	11♏46	23° 6	5°49	14°18	25° 2	14°41	2°17	23°51	2°45	12°42	11°29	14°57	n.a.	M29
T 30	20 25 0	4°31'22	24°23	22°26	7° 5	14°47	25° 9	14°36	2°21	23°53	2°47	12°43	11°25	15° 3	n.a.	T 30
W31	20 28 57	5♌31'50	7♐23	21♋57	8♌20	15♉17	25♎16	14♑32	2♌24	23♊55	2♎48	12♋45	11♋22	15♍10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23n59	8s31	4n56	18n16	2s14	25n20	1n13	11n21	0s13	9s 1	0n10	25s 8	2s 8	21n24	0n49	24n35	0n40	5n43	7n18	23n28	23n28	11n23			n.a.
T 2	23 57	13 2	4 24	17 56	2 22	25 21	1 15	11 34	0 12	9 2	0 10	25 9	2 8	21 23	0 49	24 36	0 40	5 42	7 18	23 28	23 28	11 20			n.a.
W 3	23 53	17 5	3 38	17 37	2 29	25 20	1 16	11 47	0 11	9 3	0 9	25 9	2 9	21 22	0 49	24 36	0 41	5 42	7 17	23 28	23 28	11 18			n.a.
T 4	23 50	20 23	2 38	17 18	2 37	25 19	1 17	12 0	0 10	9 4	0 9	25 10	2 9	21 21	0 49	24 36	0 41	5 41	7 17	23 28	23 29	11 16			n.a.
F 5	23 46	22 36	1 28	17 0	2 44	25 17	1 17	12 12	0 9	9 5	0 9	25 11	2 9	21 20	0 49	24 36	0 41	5 41	7 17	23 28	23 29	11 14			n.a.
S 6	23 41	23 28	0 11	16 44	2 51	25 14	1 18	12 25	0 9	9 6	0 9	25 11	2 9	21 20	0 49	24 36	0 41	5 40	7 16	23 28	23 29	11 11			n.a.
S 7	23 36	22 47	1s 9	16 29	2 58	25 10	1 19	12 37	0 8	9 8	0 9	25 12	2 9	21 19	0 49	24 36	0 41	5 40	7 16	23 28	23 30	11 9			n.a.
M 8	23 30	20 34	2 24	16 15	3 4	25 6	1 20	12 50	0 7	9 9	0 9	25 13	2 9	21 18	0 49	24 36	0 41	5 39	7 16	23 28	23 30	11 7			n.a.
T 9	23 24	17 1	3 31	16 3	3 10	25 1	1 21	13 2	0 6	9 10	0 8	25 14	2 9	21 17	0 49	24 37	0 41	5 38	7 15	23 28	23 30	11 5			n.a.
W10	23 18	12 25	4 24	15 53	3 15	24 55	1 21	13 15	0 5	9 12	0 8	25 14	2 9	21 16	0 49	24 37	0 41	5 38	7 15	23 28	23 31	11 2			n.a.
T 11	23 11	7 10	5 0	15 46	3 19	24 48	1 22	13 27	0 4	9 13	0 8	25 15	2 9	21 15	0 49	24 37	0 41	5 37	7 15	23 28	23 31	11 0			n.a.
F 12	23 4	1 36	5 16	15 41	3 22	24 40	1 22	13 39	0 3	9 15	0 8	25 16	2 9	21 15	0 49	24 37	0 41	5 36	7 14	23 28	23 31	10 58			n.a.
S 13	22 56	3n57	5 13	15 39	3 24	24 32	1 23	13 51	0 2	9 17	0 8	25 16	2 10	21 14	0 49	24 37	0 41	5 36	7 14	23 28	23 31	10 56			n.a.
S 14	22 48	9 13	4 53	15 41	3 25	24 23	1 23	14 3	0 2	9 19	0 7	25 17	2 10	21 13	0 49	24 37	0 41	5 35	7 14	23 28	23 32	10 53			n.a.
M15	22 39	13 57	4 16	15 45	3 25	24 13	1 23	14 14	0 1	9 20	0 7	25 18	2 10	21 12	0 49	24 37	0 41	5 34	7 13	23 28	23 32	10 51			n.a.
T 16	22 30	17 54	3 26	15 54	3 23	24 2	1 24	14 26	0n 0	9 22	0 7	25 18	2 10	21 11	0 49	24 37	0 41	5 34	7 13	23 28	23 32	10 49			n.a.
W17	22 21	20 54	2 26	16 6	3 20	23 51	1 24	14 37	0 1	9 24	0 7	25 19	2 10	21 10	0 49	24 38	0 41	5 33	7 13	23 28	23 33	10 47			n.a.
T 18	22 11	22 47	1 19	16 21	3 15	23 39	1 24	14 49	0 2	9 26	0 7	25 20	2 10	21 9	0 49	24 38	0 41	5 32	7 12	23 28	23 33	10 44			n.a.
F 19	22 0	23 28	0 10	16 41	3 7	23 26	1 24	15 0	0 3	9 28	0 7	25 20	2 10	21 8	0 49	24 38	0 41	5 32	7 12	23 28	23 33	10 42			n.a.
S 20	21 50	22 57	0n58	17 4	2 58	23 12	1 24	15 11	0 4	9 31	0 6	25 21	2 10	21 8	0 49	24 38	0 41	5 31	7 12	23 28	23 34	10 40			n.a.
S 21	21 38	21 20	2 3	17 31	2 47	22 58	1 24	15 23	0 5	9 33	0 6	25 21	2 10	21 7	0 49	24 38	0 41	5 30	7 11	23 28	23 34	10 37			n.a.
M22	21 27	18 46	3 1	18 0	2 33	22 43	1 24	15 34	0 6	9 35	0 6	25 22	2 10	21 6	0 49	24 38	0 41	5 29	7 11	23 28	23 34	10 35			n.a.
T 23	21 15	15 26	3 51	18 31	2 18	22 27	1 24	15 44	0 7	9 37	0 6	25 23	2 10	21 5	0 49	24 38	0 41	5 29	7 11	23 28	23 34	10 33			n.a.
W24	21 2	11 30	4 30	19 4	2 1	22 11	1 23	15 55	0 8	9 40	0 6	25 23	2 10	21 4	0 49	24 38	0 41	5 28	7 10	23 29	23 35	10 31			n.a.
T 25	20 50	7 10	4 58	19 37	1 42	21 54	1 23	16 6	0 9	9 42	0 6	25 24	2 10	21 3	0 49	24 39	0 41	5 27	7 10	23 29	23 35	10 28			n.a.
F 26	20 37	2 33	5 13	20 10	1 23	21 36	1 23	16 16	0 10	9 45	0 5	25 24	2 10	21 2	0 49	24 39	0 41	5 26	7 10	23 29	23 35	10 26			n.a.
S 27	20 23	2s11	5 14	20 42	1 3	21 18	1 22	16 27	0 11	9 47	0 5	25 25	2 10	21 2	0 49	24 39	0 41	5 26	7 9	23 29	23 36	10 24			n.a.
S 28	20 9	6 53	5 2	21 13	0 43	20 59	1 22	16 37	0 12	9 50	0 5	25 25	2 10	21 1	0 49	24 39	0 41	5 25	7 9	23 29	23 36	10 21			n.a.
M29	19 55	11 25	4 36	21 42	0 23	20 39	1 21	16 47	0 14	9 53	0 5	25 26	2 10	21 0	0 49	24 39	0 41	5 24	7 9	23 29	23 36	10 19			n.a.
T 30	19 40	15 36	3 56	22 8	0 4	20 19	1 20	16 58	0 15	9 56	0 5	25 26	2 10	20 59	0 49	24 39	0 41	5 23	7 9	23 29	23 36	10 17			n.a.
W31	19n25	19s 9	3n 3	22n30	0n15	19n58	1n20	17n 8	0n16	9s58	0n 5	25s27	2s10	20n58	0n49	24n39	0n41	5n22	7n 8	23n29	23n37	10n14			n.a.

Julian Day Number = 201830.5, Delta T = 32h08m46s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'52, Lahiri = -61°06'52 Julian Calendar 1 Aug. 4161 BCE == Greg. Calendar 29 June 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

SEPTEMBER 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 32 53	6♌32'21	20♐48	21°R39	9♌36	15♉46	25♎23	14°R28	2♌28	23♊56	2♎49	12♋47	11♋19	15♍17	n.a.	T 1
F 2	20 36 50	7°32'53	4♑41	21°D33	10°52	16°16	25°31	14♑23	2°32	23°58	2°51	12°48	11°16	15°24	n.a.	F 2
S 3	20 40 46	8°33'26	18°59	21♋38	12° 7	16°45	25°38	14°19	2°36	24° 0	2°52	12°R48	11°13	15°30	n.a.	S 3
S 4	20 44 43	9°34'02	3♒40	21°54	13°23	17°14	25°46	14°15	2°40	24° 2	2°54	12°46	11°10	15°37	n.a.	S 4
M 5	20 48 39	10°34'39	18°37	22°20	14°39	17°42	25°54	14°11	2°43	24° 3	2°55	12°44	11° 6	15°44	n.a.	M 5
T 6	20 52 36	11°35'18	3♓41	22°56	15°54	18°11	26° 2	14° 7	2°47	24° 5	2°57	12°40	11° 3	15°50	n.a.	T 6
W 7	20 56 33	12°35'59	18°44	23°39	17°10	18°39	26°10	14° 3	2°51	24° 7	2°58	12°36	11° 0	15°57	n.a.	W 7
T 8	21 0 29	13°36'42	3♈36	24°30	18°25	19° 7	26°18	13°59	2°55	24° 8	3° 0	12°31	10°57	16° 4	n.a.	T 8
F 9	21 4 26	14°37'26	18°10	25°28	19°41	19°35	26°27	13°55	2°58	24°10	3° 2	12°28	10°54	16°10	n.a.	F 9
S 10	21 8 22	15°38'13	2♉22	26°31	20°57	20° 3	26°35	13°51	3° 2	24°11	3° 3	12°26	10°50	16°17	n.a.	S 10
S 11	21 12 19	16°39'01	16°11	27°40	22°12	20°30	26°44	13°47	3° 6	24°13	3° 5	12°D25	10°47	16°24	n.a.	S 11
M12	21 16 15	17°39'52	29°36	28°52	23°28	20°58	26°53	13°44	3° 9	24°14	3° 6	12°25	10°44	16°31	n.a.	M12
T 13	21 20 12	18°40'44	12♊40	0♌ 9	24°44	21°25	27° 1	13°40	3°13	24°16	3° 8	12°27	10°41	16°37	n.a.	T 13
W14	21 24 8	19°41'39	25°27	1°28	25°59	21°51	27°11	13°37	3°17	24°17	3°10	12°28	10°38	16°44	n.a.	W14
T 15	21 28 5	20°42'35	7♋59	2°50	27°15	22°18	27°20	13°34	3°21	24°19	3°12	12°R29	10°35	16°51	n.a.	T 15
F 16	21 32 1	21°43'32	20°18	4°14	28°30	22°44	27°29	13°30	3°24	24°20	3°13	12°29	10°31	16°57	n.a.	F 16
S 17	21 35 58	22°44'31	2♌29	5°41	29°46	23°10	27°39	13°27	3°28	24°22	3°15	12°27	10°28	17° 4	n.a.	S 17
S 18	21 39 55	23°45'32	14°32	7° 8	1♍ 2	23°36	27°48	13°24	3°31	24°23	3°17	12°23	10°25	17°11	n.a.	S 18
M19	21 43 51	24°46'34	26°30	8°38	2°17	24° 1	27°58	13°21	3°35	24°24	3°19	12°17	10°22	17°18	n.a.	M19
T 20	21 47 48	25°47'38	8♍24	10° 8	3°33	24°26	28° 8	13°18	3°39	24°26	3°21	12° 9	10°19	17°24	n.a.	T 20
W21	21 51 44	26°48'42	20°15	11°39	4°48	24°51	28°18	13°15	3°42	24°27	3°23	11°59	10°16	17°31	n.a.	W21
T 22	21 55 41	27°49'48	2♎ 6	13°10	6° 4	25°16	28°28	13°12	3°46	24°28	3°24	11°50	10°12	17°38	n.a.	T 22
F 23	21 59 37	28°50'55	13°58	14°43	7°19	25°40	28°38	13°10	3°49	24°29	3°26	11°41	10° 9	17°44	n.a.	F 23
S 24	22 3 34	29°52'03	25°55	16°15	8°35	26° 4	28°48	13° 7	3°53	24°30	3°28	11°34	10° 6	17°51	n.a.	S 24
S 25	22 7 30	0♍53'12	7♏59	17°48	9°51	26°28	28°59	13° 5	3°56	24°32	3°30	11°29	10° 3	17°58	n.a.	S 25
M26	22 11 27	1°54'21	20°14	19°22	11° 6	26°51	29° 9	13° 2	4° 0	24°33	3°32	11°26	10° 0	18° 5	n.a.	M26
T 27	22 15 24	2°55'32	2♐45	20°55	12°22	27°15	29°20	13° 0	4° 3	24°34	3°34	11°D25	9°56	18°11	n.a.	T 27
W28	22 19 20	3°56'44	15°36	22°29	13°37	27°37	29°30	12°58	4° 7	24°35	3°36	11°26	9°53	18°18	n.a.	W28
T 29	22 23 17	4°57'56	28°52	24° 3	14°52	28° 0	29°41	12°56	4°10	24°36	3°38	11°27	9°50	18°25	n.a.	T 29
F 30	22 27 13	5♍59'09	12♑36	25♌37	16♍ 8	28♉22	29♎52	12♑54	4♌13	24♊37	3♎40	11°R28	9♋47	18♍31	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n10	21s49	1n58	22n50	0n32	19n37	1n19	17n18	0n17	10s 1	0n 4	25s27	2s10	20n57	0n49	24n39	0n41	5n22	7n 8	23n29	23n37	10n12		n.a.
F 2	18 54	23 17	0 45	23 7	0 48	19 15	1 18	17 27	0 18	10 4	0 4	25 28	2 10	20 56	0 49	24 39	0 41	5 21	7 8	23 29	23 37	10 10		n.a.
S 3	18 38	23 17	0s34	23 20	1 2	18 52	1 17	17 37	0 19	10 7	0 4	25 28	2 10	20 55	0 49	24 40	0 41	5 20	7 7	23 29	23 37	10 7		n.a.
S 4	18 21	21 42	1 52	23 30	1 15	18 29	1 16	17 47	0 20	10 10	0 4	25 29	2 10	20 54	0 49	24 40	0 41	5 19	7 7	23 29	23 38	10 5		n.a.
M 5	18 4	18 34	3 4	23 37	1 26	18 6	1 15	17 56	0 21	10 13	0 4	25 29	2 10	20 54	0 49	24 40	0 41	5 18	7 7	23 29	23 38	10 3		n.a.
T 6	17 47	14 12	4 3	23 41	1 36	17 41	1 14	18 5	0 23	10 16	0 4	25 29	2 10	20 53	0 49	24 40	0 41	5 17	7 7	23 29	23 38	10 0		n.a.
W 7	17 30	8 56	4 46	23 41	1 44	17 17	1 13	18 15	0 24	10 19	0 3	25 30	2 10	20 52	0 49	24 40	0 41	5 16	7 6	23 30	23 39	9 58		n.a.
T 8	17 12	3 14	5 9	23 39	1 51	16 52	1 12	18 24	0 25	10 23	0 3	25 30	2 10	20 51	0 49	24 40	0 41	5 15	7 6	23 30	23 39	9 56		n.a.
F 9	16 54	2n33	5 11	23 34	1 57	16 26	1 11	18 33	0 26	10 26	0 3	25 31	2 10	20 50	0 49	24 40	0 41	5 15	7 6	23 31	23 39	9 53		n.a.
S 10	16 36	8 3	4 54	23 26	2 2	16 0	1 9	18 42	0 28	10 29	0 3	25 31	2 10	20 49	0 49	24 40	0 41	5 14	7 6	23 31	23 39	9 51		n.a.
S 11	16 17	13 0	4 20	23 16	2 5	15 34	1 8	18 50	0 29	10 33	0 3	25 31	2 9	20 48	0 49	24 40	0 42	5 13	7 5	23 31	23 40	9 49		n.a.
M12	15 58	17 10	3 33	23 3	2 8	15 7	1 6	18 59	0 30	10 36	0 3	25 32	2 9	20 47	0 49	24 41	0 42	5 12	7 5	23 31	23 40	9 46		n.a.
T 13	15 39	20 23	2 35	22 48	2 9	14 40	1 5	19 8	0 31	10 40	0 3	25 32	2 9	20 47	0 49	24 41	0 42	5 11	7 5	23 31	23 40	9 44		n.a.
W14	15 19	22 30	1 32	22 30	2 10	14 12	1 4	19 16	0 33	10 43	0 2	25 32	2 9	20 46	0 49	24 41	0 42	5 10	7 4	23 31	23 40	9 41		n.a.
T 15	14 59	23 27	0 25	22 11	2 10	13 44	1 2	19 24	0 34	10 47	0 2	25 32	2 9	20 45	0 49	24 41	0 42	5 9	7 4	23 30	23 41	9 39		n.a.
F 16	14 39	23 14	0n42	21 50	2 9	13 16	1 0	19 33	0 35	10 50	0 2	25 33	2 9	20 44	0 49	24 41	0 42	5 8	7 4	23 30	23 41	9 37		n.a.
S 17	14 19	21 53	1 46	21 27	2 8	12 47	0 59	19 41	0 37	10 54	0 2	25 33	2 9	20 43	0 49	24 41	0 42	5 7	7 4	23 31	23 41	9 34		n.a.
S 18	13 58	19 33	2 45	21 2	2 6	12 18	0 57	19 49	0 38	10 57	0 2	25 33	2 9	20 42	0 49	24 41	0 42	5 6	7 3	23 31	23 41	9 32		n.a.
M19	13 38	16 24	3 35	20 36	2 4	11 49	0 55	19 56	0 39	11 1	0 2	25 33	2 9	20 41	0 49	24 41	0 42	5 5	7 3	23 32	23 42	9 30		n.a.
T 20	13 17	12 35	4 16	20 8	2 1	11 19	0 54	20 4	0 41	11 5	0 2	25 34	2 9	20 41	0 49	24 41	0 42	5 4	7 3	23 32	23 42	9 27		n.a.
W21	12 55	8 19	4 46	19 39	1 57	10 49	0 52	20 12	0 42	11 9	0 1	25 34	2 9	20 40	0 49	24 41	0 42	5 3	7 3	23 33	23 42	9 25		n.a.
T 22	12 34	3 45	5 3	19 9	1 53	10 19	0 50	20 19	0 44	11 12	0 1	25 34	2 8	20 39	0 49	24 42	0 42	5 2	7 3	23 34	23 43	9 22		n.a.
F 23	12 12	0s58	5 7	18 37	1 49	9 48	0 48	20 27	0 45	11 16	0 1	25 34	2 8	20 38	0 49	24 42	0 42	5 1	7 2	23 35	23 43	9 20		n.a.
S 24	11 50	5 41	4 58	18 4	1 45	9 17	0 46	20 34	0 47	11 20	0 1	25 34	2 8	20 37	0 49	24 42	0 42	5 0	7 2	23 36	23 43	9 18		n.a.
S 25	11 28	10 14	4 35	17 31	1 40	8 46	0 44	20 41	0 48	11 24	0 1	25 34	2 8	20 36	0 49	24 42	0 42	4 59	7 2	23 36	23 43	9 15		n.a.
M26	11 5	14 27	4 0	16 56	1 35	8 15	0 42	20 49	0 50	11 28	0 1	25 35	2 8	20 36	0 49	24 42	0 42	4 58	7 2	23 36	23 44	9 13		n.a.
T 27	10 43	18 9	3 13	16 21	1 30	7 43	0 40	20 56	0 51	11 32	0 1	25 35	2 8	20 35	0 49	24 42	0 42	4 57	7 1	23 36	23 44	9 10		n.a.
W28	10 20	21 5	2 14	15 44	1 25	7 12	0 38	21 2	0 53	11 36	0 0	25 35	2 8	20 34	0 49	24 42	0 42	4 56	7 1	23 36	23 44	9 8		n.a.
T 29	9 57	22 59	1 7	15 7	1 19	6 40	0 36	21 9	0 54	11 40	0 0	25 35	2 8	20 33	0 49	24 42	0 42	4 55	7 1	23 36	23 44	9 6		n.a.
F 30	9n34	23s36	0s 6	14n29	1n13	6n 8	0n34	21n16	0n56	11s44	0n 0	25s35	2s 7	20n32	0n49	24n42	0n42	4n54	7n 1	23n36	23n44	9n 3		n.a.

Julian Day Number = 201861.5, Delta T = 32h08m43s
Ecliptic obliquity = 24°06'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'48, Lahiri = -61°06'48 Julian Calendar 1 Sept. 4161 BCE == Greg. Calendar 30 July 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

OCTOBER 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 31 10	7♍ 0'22	26♑48	27♌11	17♍23	28♉44	0♏ 3	12°R52	4♌17	24♊38	3♎42	11°R27	9♋44	18♍38	n.a.	S 1
S 2	22 35 6	8° 1'36	11♒29	28°45	18°39	29° 5	0°14	12♑51	4°20	24°39	3°44	11♋23	9°41	18°45	n.a.	S 2
M 3	22 39 3	9° 2'51	26°32	0♍19	19°54	29°26	0°26	12°49	4°23	24°40	3°46	11°17	9°37	18°52	n.a.	M 3
T 4	22 42 59	10° 4'07	11♓50	1°53	21°10	29°47	0°37	12°47	4°27	24°41	3°48	11° 9	9°34	18°58	n.a.	T 4
W 5	22 46 56	11° 5'23	27°11	3°27	22°25	0♊ 7	0°48	12°46	4°30	24°41	3°50	11° 0	9°31	19° 5	n.a.	W 5
T 6	22 50 53	12° 6'40	12♈24	5° 1	23°40	0°27	1° 0	12°45	4°33	24°42	3°52	10°50	9°28	19°12	n.a.	T 6
F 7	22 54 49	13° 7'58	27°18	6°35	24°56	0°47	1°11	12°44	4°36	24°43	3°55	10°42	9°25	19°18	n.a.	F 7
S 8	22 58 46	14° 9'17	11♉46	8° 9	26°11	1° 6	1°23	12°43	4°39	24°44	3°57	10°35	9°21	19°25	n.a.	S 8
S 9	23 2 42	15°10'37	25°46	9°43	27°26	1°25	1°35	12°42	4°43	24°44	3°59	10°31	9°18	19°32	n.a.	S 9
M10	23 6 39	16°11'58	9♊16	11°17	28°42	1°43	1°47	12°41	4°46	24°45	4° 1	10°29	9°15	19°39	n.a.	M10
T 11	23 10 35	17°13'20	22°20	12°51	29°57	2° 1	1°59	12°40	4°49	24°46	4° 3	10°D29	9°12	19°45	n.a.	T 11
W12	23 14 32	18°14'42	5♋ 1	14°26	1♎12	2°19	2°11	12°39	4°52	24°46	4° 5	10°R30	9° 9	19°52	n.a.	W12
T 13	23 18 29	19°16'05	17°24	16° 0	2°28	2°36	2°23	12°39	4°55	24°47	4° 7	10°30	9° 6	19°59	n.a.	T 13
F 14	23 22 25	20°17'29	29°34	17°35	3°43	2°53	2°35	12°39	4°58	24°47	4°10	10°28	9° 2	20° 5	n.a.	F 14
S 15	23 26 22	21°18'53	11♌35	19° 9	4°58	3° 9	2°47	12°38	5° 1	24°48	4°12	10°23	8°59	20°12	n.a.	S 15
S 16	23 30 18	22°20'18	23°30	20°44	6°13	3°24	3° 0	12°38	5° 4	24°48	4°14	10°16	8°56	20°19	n.a.	S 16
M17	23 34 15	23°21'43	5♍22	22°19	7°29	3°40	3°12	12°D38	5° 6	24°49	4°16	10° 6	8°53	20°26	n.a.	M17
T 18	23 38 11	24°23'09	17°13	23°54	8°44	3°54	3°24	12°38	5° 9	24°49	4°18	9°53	8°50	20°32	n.a.	T 18
W19	23 42 8	25°24'34	29° 5	25°29	9°59	4° 8	3°37	12°38	5°12	24°49	4°20	9°38	8°47	20°39	n.a.	W19
T 20	23 46 5	26°26'00	10♎59	27° 4	11°14	4°22	3°50	12°39	5°15	24°50	4°23	9°23	8°43	20°46	n.a.	T 20
F 21	23 50 1	27°27'26	22°56	28°40	12°29	4°35	4° 2	12°39	5°17	24°50	4°25	9° 9	8°40	20°53	n.a.	F 21
S 22	23 53 58	28°28'52	4♏57	0♎16	13°45	4°48	4°15	12°40	5°20	24°50	4°27	8°57	8°37	20°59	n.a.	S 22
S 23	23 57 54	29°30'17	17° 6	1°52	15° 0	5° 0	4°28	12°40	5°23	24°51	4°29	8°48	8°34	21° 6	n.a.	S 23
M24	0 1 51	0♎31'43	29°24	3°28	16°15	5°11	4°41	12°41	5°25	24°51	4°32	8°41	8°31	21°13	n.a.	M24
T 25	0 5 47	1°33'08	11♐54	5° 4	17°30	5°22	4°54	12°42	5°28	24°51	4°34	8°38	8°27	21°19	n.a.	T 25
W26	0 9 44	2°34'33	24°41	6°41	18°45	5°32	5° 7	12°43	5°30	24°51	4°36	8°37	8°24	21°26	n.a.	W26
T 27	0 13 41	3°35'57	7♑48	8°18	20° 0	5°42	5°20	12°44	5°33	24°51	4°38	8°36	8°21	21°33	n.a.	T 27
F 28	0 17 37	4°37'21	21°20	9°55	21°15	5°51	5°33	12°45	5°35	24°51	4°40	8°36	8°18	21°40	n.a.	F 28
S 29	0 21 34	5°38'45	5♒19	11°33	22°30	6° 0	5°46	12°47	5°37	24°R51	4°43	8°34	8°15	21°46	n.a.	S 29
S 30	0 25 30	6°40'07	19°45	13°11	23°45	6° 8	5°59	12°48	5°40	24°51	4°45	8°30	8°12	21°53	n.a.	S 30
M31	0 29 27	7♎41'29	4♓36	14♎49	25♎ 0	6♊15	6♏13	12♑50	5♌42	24♊51	4♎47	8♋23	8♋ 8	22♍ 0	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n11	22s43	1s21	13n51	1n 8	5n36	0n31	21n22	0n58	11s48	0n 0	25s35	2s 7	20n31	0n49	24n42	0n42	4n53	7n 1	23n36	23n45	9n 1		n.a.
S 2	8 48	20 16	2 33	13 12	1 2	5 4	0 29	21 29	0 59	11 52	0s 0	25 35	2 7	20 31	0 49	24 42	0 42	4 52	7 0	23 37	23 45	8 58		n.a.
M 3	8 24	16 24	3 37	12 32	0 56	4 31	0 27	21 35	1 1	11 57	0 0	25 35	2 7	20 30	0 49	24 42	0 42	4 51	7 0	23 37	23 45	8 56		n.a.
T 4	8 0	11 23	4 25	11 52	0 49	3 59	0 25	21 41	1 3	12 1	0 0	25 35	2 7	20 29	0 49	24 42	0 42	4 50	7 0	23 38	23 45	8 53		n.a.
W 5	7 36	5 38	4 55	11 11	0 43	3 26	0 22	21 48	1 4	12 5	0 1	25 35	2 7	20 28	0 49	24 43	0 42	4 49	7 0	23 39	23 46	8 51		n.a.
T 6	7 12	0n23	5 4	10 30	0 37	2 53	0 20	21 54	1 6	12 9	0 1	25 35	2 7	20 28	0 49	24 43	0 42	4 48	7 0	23 39	23 46	8 49		n.a.
F 7	6 48	6 17	4 51	9 49	0 31	2 20	0 18	22 0	1 8	12 14	0 1	25 35	2 7	20 27	0 49	24 43	0 42	4 47	7 0	23 40	23 46	8 46		n.a.
S 8	6 24	11 40	4 20	9 7	0 24	1 48	0 15	22 6	1 10	12 18	0 1	25 35	2 6	20 26	0 49	24 43	0 42	4 46	6 59	23 41	23 46	8 44		n.a.
S 9	6 0	16 16	3 35	8 25	0 18	1 15	0 13	22 11	1 11	12 22	0 1	25 35	2 6	20 25	0 49	24 43	0 43	4 45	6 59	23 41	23 47	8 41		n.a.
M10	5 36	19 52	2 38	7 42	0 11	0 42	0 11	22 17	1 13	12 27	0 1	25 35	2 6	20 25	0 49	24 43	0 43	4 44	6 59	23 41	23 47	8 39		n.a.
T 11	5 11	22 18	1 35	7 0	0 5	0 9	0 8	22 22	1 15	12 31	0 1	25 35	2 6	20 24	0 49	24 43	0 43	4 43	6 59	23 41	23 47	8 36		n.a.
W12	4 46	23 32	0 29	6 16	0s 1	0s24	0 6	22 28	1 17	12 35	0 1	25 35	2 6	20 23	0 50	24 43	0 43	4 42	6 59	23 41	23 47	8 34		n.a.
T 13	4 22	23 33	0n37	5 33	0 8	0 57	0 4	22 33	1 19	12 40	0 2	25 35	2 6	20 22	0 50	24 43	0 43	4 41	6 59	23 41	23 48	8 31		n.a.
F 14	3 57	22 26	1 40	4 50	0 14	1 30	0 1	22 39	1 21	12 44	0 2	25 34	2 5	20 22	0 50	24 43	0 43	4 40	6 58	23 41	23 48	8 29		n.a.
S 15	3 32	20 18	2 37	4 6	0 20	2 3	0s 1	22 44	1 23	12 49	0 2	25 34	2 5	20 21	0 50	24 43	0 43	4 39	6 58	23 42	23 48	8 26		n.a.
S 16	3 7	17 18	3 27	3 22	0 27	2 36	0 4	22 49	1 25	12 53	0 2	25 34	2 5	20 20	0 50	24 43	0 43	4 38	6 58	23 42	23 48	8 24		n.a.
M17	2 42	13 37	4 8	2 38	0 33	3 8	0 6	22 54	1 27	12 58	0 2	25 34	2 5	20 20	0 50	24 43	0 43	4 37	6 58	23 43	23 48	8 22		n.a.
T 18	2 17	9 25	4 37	1 54	0 39	3 41	0 9	22 59	1 29	13 2	0 2	25 34	2 5	20 19	0 50	24 43	0 43	4 36	6 58	23 44	23 49	8 19		n.a.
W19	1 52	4 52	4 55	1 10	0 45	4 14	0 11	23 3	1 31	13 7	0 2	25 34	2 5	20 18	0 50	24 43	0 43	4 35	6 58	23 45	23 49	8 17		n.a.
T 20	1 27	0 7	5 0	0 26	0 51	4 46	0 13	23 8	1 33	13 11	0 2	25 33	2 4	20 18	0 50	24 43	0 43	4 34	6 58	23 46	23 49	8 14		n.a.
F 21	1 2	4s40	4 51	0s19	0 56	5 19	0 16	23 13	1 35	13 16	0 3	25 33	2 4	20 17	0 50	24 44	0 43	4 33	6 57	23 47	23 49	8 12		n.a.
S 22	0 37	9 18	4 30	1 3	1 2	5 51	0 18	23 17	1 37	13 20	0 3	25 33	2 4	20 16	0 50	24 44	0 43	4 32	6 57	23 48	23 49	8 9		n.a.
S 23	0 12	13 39	3 56	1 47	1 7	6 23	0 21	23 22	1 40	13 25	0 3	25 33	2 4	20 16	0 50	24 44	0 43	4 31	6 57	23 49	23 50	8 7		n.a.
M24	0s13	17 29	3 11	2 31	1 13	6 55	0 23	23 26	1 42	13 29	0 3	25 33	2 4	20 15	0 50	24 44	0 43	4 30	6 57	23 49	23 50	8 4		n.a.
T 25	0 38	20 36	2 16	3 15	1 18	7 27	0 26	23 30	1 44	13 34	0 3	25 32	2 4	20 15	0 50	24 44	0 43	4 29	6 57	23 49	23 50	8 2		n.a.
W26	1 3	22 47	1 13	3 59	1 23	7 59	0 28	23 34	1 46	13 38	0 3	25 32	2 4	20 14	0 50	24 44	0 43	4 28	6 57	23 50	23 50	7 59		n.a.
T 27	1 28	23 48	0 4	4 43	1 28	8 30	0 30	23 38	1 49	13 43	0 3	25 32	2 3	20 13	0 50	24 44	0 43	4 27	6 57	23 50	23 51	7 57		n.a.
F 28	1 53	23 28	1s 7	5 27	1 32	9 1	0 33	23 42	1 51	13 48	0 3	25 32	2 3	20 13	0 50	24 44	0 43	4 26	6 57	23 50	23 51	7 54		n.a.
S 29	2 18	21 40	2 16	6 10	1 37	9 32	0 35	23 46	1 53	13 52	0 4	25 31	2 3	20 12	0 50	24 44	0 43	4 25	6 57	23 50	23 51	7 52		n.a.
S 30	2 43	18 26	3 19	6 53	1 41	10 3	0 37	23 50	1 56	13 57	0 4	25 31	2 3	20 12	0 50	24 44	0 43	4 24	6 56	23 50	23 51	7 49		n.a.
M31	3s 8	13s57	4s10	7s36	1s44	10s33	0s40	23n54	1n58	14s 2	0s 4	25s31	2s 3	20n11	0n50	24n44	0n43	4n23	6n56	23n50	23n51	7n47		n.a.

Julian Day Number = 201891.5, Delta T = 32h08m40s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'44, Lahiri = -61°06'44 Julian Calendar 1 Oct. 4161 BCE == Greg. Calendar 29 Aug. 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

NOVEMBER 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 33 23	8♎42'51	19♓46	16♎27	26♎15	6♊21	6♏26	12♑51	5♘44	24°R51	4♎49	8°R13	8♋ 5	22♍ 6	n.a.	T 1
W 2	0 37 20	9°44'12	5♈ 5	18° 6	27°30	6°27	6°39	12°53	5°46	24♊51	4°52	8♋ 2	8° 2	22°13	n.a.	W 2
T 3	0 41 17	10°45'32	20°22	19°44	28°45	6°33	6°53	12°55	5°49	24°51	4°54	7°50	7°59	22°20	n.a.	T 3
F 4	0 45 13	11°46'52	5♉25	21°23	29°59	6°37	7° 6	12°57	5°51	24°50	4°56	7°39	7°56	22°27	n.a.	F 4
S 5	0 49 10	12°48'12	20° 6	23° 2	1♏15	6°41	7°20	12°59	5°53	24°50	4°58	7°30	7°52	22°33	n.a.	S 5
S 6	0 53 6	13°49'31	4♊17	24°41	2°29	6°44	7°33	13° 1	5°55	24°50	5° 0	7°24	7°49	22°40	n.a.	S 6
M 7	0 57 3	14°50'50	17°58	26°20	3°44	6°47	7°47	13° 4	5°57	24°50	5° 3	7°21	7°46	22°47	n.a.	M 7
T 8	1 0 59	15°52'09	1♋ 9	27°59	4°59	6°49	8° 1	13° 6	5°59	24°49	5° 5	7°20	7°43	22°53	n.a.	T 8
W 9	1 4 56	16°53'27	13°55	29°38	6°14	6°50	8°14	13° 9	6° 0	24°49	5° 7	7°20	7°40	23° 0	n.a.	W 9
T 10	1 8 53	17°54'45	26°20	1♏16	7°29	6°R50	8°28	13°11	6° 2	24°49	5° 9	7°20	7°37	23° 7	n.a.	T 10
F 11	1 12 49	18°56'02	8♌28	2°53	8°43	6°49	8°42	13°14	6° 4	24°48	5°11	7°18	7°33	23°14	n.a.	F 11
S 12	1 16 46	19°57'19	20°26	4°30	9°58	6°48	8°56	13°17	6° 6	24°48	5°13	7°14	7°30	23°20	n.a.	S 12
S 13	1 20 42	20°58'35	2♍18	6° 6	11°13	6°46	9° 9	13°20	6° 7	24°47	5°16	7° 7	7°27	23°27	n.a.	S 13
M14	1 24 39	21°59'50	14° 8	7°41	12°27	6°43	9°23	13°23	6° 9	24°47	5°18	6°58	7°24	23°34	n.a.	M14
T 15	1 28 35	23° 1'04	25°59	9°14	13°42	6°40	9°37	13°26	6°10	24°46	5°20	6°46	7°21	23°40	n.a.	T 15
W16	1 32 32	24° 2'18	7♎53	10°45	14°57	6°35	9°51	13°30	6°12	24°45	5°22	6°32	7°18	23°47	n.a.	W16
T 17	1 36 29	25° 3'30	19°52	12°13	16°11	6°30	10° 5	13°33	6°13	24°45	5°24	6°18	7°14	23°54	n.a.	T 17
F 18	1 40 25	26° 4'42	1♏57	13°39	17°26	6°24	10°19	13°37	6°15	24°44	5°26	6° 4	7°11	24° 1	n.a.	F 18
S 19	1 44 22	27° 5'52	14°10	15° 1	18°41	6°17	10°33	13°40	6°16	24°44	5°28	5°52	7° 8	24° 7	n.a.	S 19
S 20	1 48 18	28° 7'01	26°30	16°19	19°55	6°10	10°47	13°44	6°17	24°43	5°31	5°43	7° 5	24°14	n.a.	S 20
M21	1 52 15	29° 8'09	8♐59	17°33	21°10	6° 1	11° 1	13°48	6°18	24°42	5°33	5°37	7° 2	24°21	n.a.	M21
T 22	1 56 12	0♏ 9'16	21°40	18°41	22°24	5°52	11°15	13°52	6°20	24°41	5°35	5°34	6°58	24°28	n.a.	T 22
W23	2 0 8	1°10'21	4♑33	19°42	23°39	5°42	11°29	13°56	6°21	24°40	5°37	5°D33	6°55	24°34	n.a.	W23
T 24	2 4 5	2°11'25	17°42	20°37	24°53	5°31	11°43	14° 0	6°22	24°40	5°39	5°33	6°52	24°41	n.a.	T 24
F 25	2 8 1	3°12'27	1♒10	21°23	26° 7	5°20	11°58	14° 4	6°23	24°39	5°41	5°R34	6°49	24°48	n.a.	F 25
S 26	2 11 58	4°13'27	14°58	22° 1	27°22	5° 7	12°12	14° 8	6°24	24°38	5°43	5°33	6°46	24°54	n.a.	S 26
S 27	2 15 54	5°14'26	29° 8	22°29	28°36	4°54	12°26	14°12	6°25	24°37	5°45	5°31	6°43	25° 1	n.a.	S 27
M28	2 19 51	6°15'22	13♓39	22°47	29°51	4°40	12°40	14°17	6°25	24°36	5°47	5°26	6°39	25° 8	n.a.	M28
T 29	2 23 48	7°16'17	28°27	22°R54	1♐ 5	4°26	12°54	14°21	6°26	24°35	5°49	5°19	6°36	25°15	n.a.	T 29
W30	2 27 44	8♏17'11	13♈26	22♏50	2♐19	4♊10	13♏ 8	14♑26	6♘27	24♊34	5♎51	5♋10	6♋33	25♍21	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s33	8s30	4s45	8s18	1s48	11s 4	0s42	23n57	2n 0	14s 6	0s 4	25s30	2s 3	20n11	0n50	24n44	0n43	4n22	6n56	23n51	23n52	7n44		n.a.
W 2	3 58	2 29	4 59	9 0	1 51	11 34	0 44	24 1	2 3	14 11	0 4	25 30	2 2	20 10	0 50	24 44	0 43	4 21	6 56	23 52	23 52	7 42		n.a.
T 3	4 22	3n40	4 53	9 41	1 54	12 3	0 47	24 4	2 5	14 16	0 4	25 30	2 2	20 10	0 50	24 44	0 43	4 20	6 56	23 52	23 52	7 39		n.a.
F 4	4 47	9 32	4 26	10 22	1 57	12 33	0 49	24 7	2 8	14 20	0 4	25 29	2 2	20 9	0 50	24 44	0 44	4 19	6 56	23 53	23 52	7 37		n.a.
S 5	5 12	14 43	3 42	11 2	1 59	13 2	0 51	24 11	2 10	14 25	0 4	25 29	2 2	20 9	0 50	24 44	0 44	4 18	6 56	23 54	23 52	7 34		n.a.
S 6	5 36	18 54	2 45	11 41	2 0	13 30	0 53	24 14	2 13	14 29	0 5	25 28	2 2	20 8	0 51	24 44	0 44	4 17	6 56	23 54	23 53	7 32		n.a.
M 7	6 1	21 53	1 40	12 19	2 2	13 59	0 55	24 17	2 16	14 34	0 5	25 28	2 2	20 8	0 51	24 44	0 44	4 16	6 56	23 54	23 53	7 29		n.a.
T 8	6 25	23 34	0 33	12 57	2 2	14 27	0 57	24 20	2 18	14 39	0 5	25 28	2 1	20 7	0 51	24 44	0 44	4 15	6 56	23 54	23 53	7 27		n.a.
W 9	6 49	23 56	0n35	13 33	2 3	14 54	0 59	24 22	2 21	14 43	0 5	25 27	2 1	20 7	0 51	24 44	0 44	4 14	6 56	23 54	23 53	7 24		n.a.
T 10	7 13	23 6	1 39	14 9	2 2	15 21	1 1	24 25	2 24	14 48	0 5	25 27	2 1	20 7	0 51	24 44	0 44	4 14	6 56	23 54	23 53	7 21		n.a.
F 11	7 37	21 10	2 37	14 43	2 1	15 48	1 3	24 28	2 26	14 53	0 5	25 26	2 1	20 6	0 51	24 44	0 44	4 13	6 56	23 54	23 53	7 19		n.a.
S 12	8 1	18 20	3 27	15 15	2 0	16 15	1 5	24 30	2 29	14 57	0 5	25 26	2 1	20 6	0 51	24 44	0 44	4 12	6 56	23 55	23 54	7 16		n.a.
S 13	8 25	14 47	4 8	15 46	1 57	16 41	1 7	24 32	2 32	15 2	0 5	25 25	2 1	20 5	0 51	24 44	0 44	4 11	6 56	23 55	23 54	7 14		n.a.
M14	8 48	10 39	4 37	16 15	1 54	17 6	1 9	24 35	2 34	15 7	0 6	25 25	2 0	20 5	0 51	24 44	0 44	4 10	6 56	23 55	23 54	7 11		n.a.
T 15	9 11	6 8	4 55	16 43	1 50	17 31	1 11	24 37	2 37	15 11	0 6	25 24	2 0	20 5	0 51	24 44	0 44	4 9	6 55	23 56	23 54	7 9		n.a.
W16	9 35	1 22	5 0	17 8	1 46	17 56	1 13	24 39	2 40	15 16	0 6	25 24	2 0	20 4	0 51	24 44	0 44	4 8	6 55	23 57	23 54	7 6		n.a.
T 17	9 58	3s29	4 52	17 31	1 40	18 20	1 14	24 40	2 43	15 21	0 6	25 23	2 0	20 4	0 51	24 44	0 44	4 7	6 55	23 58	23 55	7 4		n.a.
F 18	10 21	8 16	4 31	17 52	1 34	18 44	1 16	24 42	2 45	15 25	0 6	25 23	2 0	20 4	0 51	24 44	0 44	4 6	6 55	23 58	23 55	7 1		n.a.
S 19	10 43	12 46	3 57	18 10	1 26	19 7	1 18	24 43	2 48	15 30	0 6	25 22	2 0	20 3	0 51	24 44	0 44	4 5	6 55	23 59	23 55	6 59		n.a.
S 20	11 6	16 49	3 12	18 25	1 18	19 29	1 19	24 45	2 51	15 35	0 6	25 22	2 0	20 3	0 51	24 44	0 44	4 5	6 55	23 59	23 55	6 56		n.a.
M21	11 28	20 11	2 16	18 38	1 8	19 51	1 21	24 46	2 54	15 39	0 6	25 21	1 59	20 3	0 51	24 44	0 44	4 4	6 55	23 59	23 55	6 53		n.a.
T 22	11 50	22 37	1 13	18 47	0 57	20 13	1 22	24 47	2 57	15 44	0 6	25 21	1 59	20 3	0 51	24 44	0 44	4 3	6 55	24 0	23 55	6 51		n.a.
W23	12 12	23 57	0 5	18 53	0 45	20 34	1 24	24 48	2 59	15 48	0 7	25 20	1 59	20 2	0 51	24 44	0 44	4 2	6 55	24 0	23 56	6 48		n.a.
T 24	12 34	23 58	1s 4	18 55	0 32	20 54	1 25	24 49	3 2	15 53	0 7	25 20	1 59	20 2	0 51	24 44	0 44	4 1	6 55	24 0	23 56	6 46		n.a.
F 25	12 56	22 36	2 12	18 54	0 18	21 14	1 27	24 49	3 5	15 58	0 7	25 19	1 59	20 2	0 51	24 44	0 44	4 0	6 55	24 0	23 56	6 43		n.a.
S 26	13 17	19 53	3 14	18 49	0 2	21 33	1 28	24 50	3 8	16 2	0 7	25 18	1 59	20 2	0 51	24 44	0 44	4 0	6 55	24 0	23 56	6 41		n.a.
S 27	13 38	15 55	4 6	18 41	0n14	21 51	1 29	24 50	3 10	16 7	0 7	25 18	1 59	20 2	0 52	24 44	0 44	3 59	6 55	24 0	23 56	6 38		n.a.
M28	13 59	10 56	4 43	18 29	0 31	22 9	1 30	24 50	3 13	16 11	0 7	25 17	1 58	20 1	0 52	24 44	0 44	3 58	6 55	24 0	23 56	6 35		n.a.
T 29	14 19	5 14	5 2	18 14	0 49	22 26	1 31	24 50	3 16	16 16	0 7	25 16	1 58	20 1	0 52	24 44	0 44	3 57	6 55	24 0	23 57	6 33		n.a.
W30	14s40	0n50	5s 1	17s55	1n 8	22s43	1s32	24n49	3n19	16s20	0s 7	25s16	1s58	20n 1	0n52	24n44	0n44	3n56	6n55	24n 1	23n57	6n30		n.a.

Julian Day Number = 201922.5, Delta T = 32h08m37s
Ecliptic obliquity = 24°06'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'40, Lahiri = -61°06'39 Julian Calendar 1 Nov. 4161 BCE == Greg. Calendar 29 Sept. 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4161 BCE
geocentric

DECEMBER 4161 BCE (-4160) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 31 41	9♏18'02	28♈26	22°R35	3♐33	3°R54	13♏23	14♑31	6♘28	24°R33	5♎53	5°R 1	6♋30	25♍28	n.a.	T 1
F 2	2 35 37	10°18'52	13♉18	22♏ 9	4°48	3♊38	13°37	14°36	6°28	24♊32	5°55	4♋53	6°27	25°35	n.a.	F 2
S 3	2 39 34	11°19'41	27°54	21°33	6° 2	3°20	13°51	14°40	6°29	24°31	5°56	4°46	6°23	25°41	n.a.	S 3
S 4	2 43 30	12°20'28	12♊ 7	20°46	7°16	3° 2	14° 5	14°45	6°29	24°30	5°58	4°41	6°20	25°48	n.a.	S 4
M 5	2 47 27	13°21'14	25°53	19°52	8°30	2°44	14°19	14°50	6°30	24°29	6° 0	4°39	6°17	25°55	n.a.	M 5
T 6	2 51 24	14°21'58	9♋11	18°51	9°44	2°25	14°34	14°56	6°30	24°27	6° 2	4°D39	6°14	26° 2	n.a.	T 6
W 7	2 55 20	15°22'41	22° 3	17°44	10°58	2° 5	14°48	15° 1	6°30	24°26	6° 4	4°40	6°11	26° 8	n.a.	W 7
T 8	2 59 17	16°23'22	4♌34	16°35	12°12	1°45	15° 2	15° 6	6°31	24°25	6° 6	4°41	6° 8	26°15	n.a.	T 8
F 9	3 3 13	17°24'01	16°47	15°24	13°26	1°24	15°16	15°11	6°31	24°24	6° 8	4°R41	6° 4	26°22	n.a.	F 9
S 10	3 7 10	18°24'40	28°48	14°14	14°40	1° 2	15°31	15°17	6°31	24°23	6° 9	4°41	6° 1	26°29	n.a.	S 10
S 11	3 11 6	19°25'16	10♍41	13° 6	15°54	0°41	15°45	15°22	6°31	24°21	6°11	4°38	5°58	26°35	n.a.	S 11
M12	3 15 3	20°25'51	22°31	12° 2	17° 8	0°18	15°59	15°28	6°31	24°20	6°13	4°34	5°55	26°42	n.a.	M12
T 13	3 18 59	21°26'24	4♎24	11° 4	18°22	29♉56	16°13	15°34	6°R31	24°19	6°14	4°27	5°52	26°49	n.a.	T 13
W14	3 22 56	22°26'56	16°21	10°12	19°35	29°33	16°27	15°39	6°31	24°17	6°16	4°20	5°49	26°55	n.a.	W14
T 15	3 26 53	23°27'26	28°26	9°27	20°49	29°10	16°41	15°45	6°31	24°16	6°18	4°12	5°45	27° 2	n.a.	T 15
F 16	3 30 49	24°27'54	10♏40	8°49	22° 3	28°47	16°56	15°51	6°31	24°15	6°19	4° 4	5°42	27° 9	n.a.	F 16
S 17	3 34 46	25°28'20	23° 6	8°19	23°17	28°23	17°10	15°57	6°31	24°13	6°21	3°57	5°39	27°16	n.a.	S 17
S 18	3 38 42	26°28'44	5♐42	7°57	24°30	27°59	17°24	16° 3	6°31	24°12	6°23	3°52	5°36	27°22	n.a.	S 18
M19	3 42 39	27°29'07	18°30	7°42	25°44	27°36	17°38	16° 9	6°30	24°10	6°24	3°49	5°33	27°29	n.a.	M19
T 20	3 46 35	28°29'27	1♑30	7°35	26°57	27°12	17°52	16°15	6°30	24° 9	6°26	3°D48	5°29	27°36	n.a.	T 20
W21	3 50 32	29°29'45	14°42	7°D34	28°11	26°48	18° 6	16°22	6°29	24° 7	6°27	3°48	5°26	27°43	n.a.	W21
T 22	3 54 29	0♐30'01	28° 6	7°40	29°24	26°24	18°20	16°28	6°29	24° 6	6°29	3°50	5°23	27°49	n.a.	T 22
F 23	3 58 25	1°30'14	11♒44	7°52	0♑38	26° 1	18°34	16°34	6°28	24° 4	6°30	3°51	5°20	27°56	n.a.	F 23
S 24	4 2 22	2°30'25	25°34	8°10	1°51	25°37	18°48	16°41	6°28	24° 3	6°32	3°53	5°17	28° 3	n.a.	S 24
S 25	4 6 18	3°30'34	9♓38	8°34	3° 4	25°14	19° 2	16°47	6°27	24° 1	6°33	3°R53	5°14	28° 9	n.a.	S 25
M26	4 10 15	4°30'40	23°54	9° 2	4°18	24°51	19°16	16°54	6°26	24° 0	6°35	3°51	5°10	28°16	n.a.	M26
T 27	4 14 11	5°30'43	8♈19	9°36	5°31	24°28	19°30	17° 0	6°26	23°58	6°36	3°49	5° 7	28°23	n.a.	T 27
W28	4 18 8	6°30'44	22°50	10°13	6°44	24° 6	19°44	17° 7	6°25	23°57	6°37	3°45	5° 4	28°30	n.a.	W28
T 29	4 22 4	7°30'43	7♉22	10°55	7°57	23°43	19°58	17°14	6°24	23°55	6°39	3°41	5° 1	28°36	n.a.	T 29
F 30	4 26 1	8°30'39	21°48	11°41	9°10	23°22	20°12	17°20	6°23	23°54	6°40	3°38	4°58	28°43	n.a.	F 30
S 31	4 29 58	9♐30'34	6♊ 3	12♏30	10♑23	23♉ 1	20♏26	17♑27	6♘22	23♊52	6♎41	3♋35	4♋55	28♍50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	15s 0	6n52	4s40	17s32	1n27	22s59	1s33	24n49	3n21	16s25	0s 8	25s15	1s58	20n 1	0n52	24n44	0n44	3n56	6n55	24n 1	23n57	6n28			n.a.
F 2	15 20	12 29	3 59	17 7	1 46	23 14	1 34	24 48	3 24	16 29	0 8	25 14	1 58	20 1	0 52	24 44	0 45	3 55	6 55	24 1	23 57	6 25			n.a.
S 3	15 39	17 16	3 4	16 40	2 4	23 29	1 35	24 47	3 26	16 34	0 8	25 14	1 58	20 1	0 52	24 44	0 45	3 54	6 55	24 2	23 57	6 22			n.a.
S 4	15 58	20 56	1 58	16 10	2 22	23 42	1 36	24 46	3 29	16 38	0 8	25 13	1 58	20 1	0 52	24 44	0 45	3 53	6 56	24 2	23 57	6 20			n.a.
M 5	16 17	23 16	0 47	15 39	2 39	23 56	1 36	24 45	3 31	16 43	0 8	25 12	1 57	20 1	0 52	24 44	0 45	3 53	6 56	24 2	23 58	6 17			n.a.
T 6	16 36	24 12	0n24	15 7	2 55	24 8	1 37	24 43	3 34	16 47	0 8	25 12	1 57	20 1	0 52	24 44	0 45	3 52	6 56	24 2	23 58	6 15			n.a.
W 7	16 54	23 46	1 32	14 35	3 9	24 20	1 38	24 41	3 36	16 52	0 8	25 11	1 57	20 0	0 52	24 44	0 45	3 51	6 56	24 2	23 58	6 12			n.a.
T 8	17 12	22 9	2 34	14 3	3 21	24 31	1 38	24 39	3 39	16 56	0 8	25 10	1 57	20 0	0 52	24 44	0 45	3 51	6 56	24 2	23 58	6 9			n.a.
F 9	17 30	19 32	3 27	13 33	3 31	24 41	1 38	24 37	3 41	17 1	0 9	25 9	1 57	20 0	0 52	24 44	0 45	3 50	6 56	24 2	23 58	6 7			n.a.
S 10	17 47	16 7	4 10	13 5	3 39	24 50	1 39	24 35	3 43	17 5	0 9	25 9	1 57	20 0	0 52	24 44	0 45	3 49	6 56	24 2	23 58	6 4			n.a.
S 11	18 4	12 6	4 42	12 39	3 44	24 59	1 39	24 32	3 45	17 9	0 9	25 8	1 57	20 0	0 52	24 44	0 45	3 49	6 56	24 2	23 58	6 2			n.a.
M12	18 21	7 38	5 2	12 17	3 47	25 7	1 39	24 29	3 47	17 14	0 9	25 7	1 57	20 1	0 52	24 44	0 45	3 48	6 56	24 2	23 59	5 59			n.a.
T 13	18 38	2 54	5 8	11 57	3 49	25 14	1 39	24 26	3 49	17 18	0 9	25 6	1 57	20 1	0 52	24 44	0 45	3 47	6 56	24 2	23 59	5 56			n.a.
W14	18 54	1s59	5 2	11 42	3 48	25 21	1 40	24 23	3 51	17 22	0 9	25 6	1 56	20 1	0 52	24 44	0 45	3 47	6 56	24 2	23 59	5 54			n.a.
T 15	19 10	6 51	4 42	11 30	3 45	25 26	1 39	24 19	3 53	17 27	0 9	25 5	1 56	20 1	0 52	24 44	0 45	3 46	6 56	24 3	23 59	5 51			n.a.
F 16	19 25	11 31	4 8	11 22	3 41	25 31	1 39	24 15	3 55	17 31	0 9	25 4	1 56	20 1	0 52	24 44	0 45	3 45	6 56	24 3	23 59	5 48			n.a.
S 17	19 40	15 48	3 23	11 17	3 35	25 35	1 39	24 12	3 56	17 35	0 10	25 3	1 56	20 1	0 53	24 44	0 45	3 45	6 56	24 3	23 59	5 46			n.a.
S 18	19 55	19 27	2 27	11 16	3 29	25 39	1 39	24 8	3 58	17 39	0 10	25 2	1 56	20 1	0 53	24 44	0 45	3 44	6 56	24 3	23 59	5 43			n.a.
M19	20 9	22 14	1 22	11 19	3 21	25 41	1 39	24 3	3 59	17 44	0 10	25 1	1 56	20 1	0 53	24 44	0 45	3 44	6 56	24 3	24 0	5 41			n.a.
T 20	20 23	23 54	0 13	11 24	3 12	25 43	1 38	23 59	4 1	17 48	0 10	25 1	1 56	20 1	0 53	24 44	0 45	3 43	6 56	24 3	24 0	5 38			n.a.
W21	20 36	24 15	0s59	11 33	3 3	25 44	1 38	23 54	4 2	17 52	0 10	25 0	1 56	20 1	0 53	24 44	0 45	3 43	6 56	24 3	24 0	5 35			n.a.
T 22	20 50	23 13	2 9	11 44	2 53	25 44	1 37	23 50	4 3	17 56	0 10	24 59	1 56	20 2	0 53	24 44	0 45	3 42	6 57	24 3	24 0	5 33			n.a.
F 23	21 2	20 49	3 12	11 58	2 43	25 43	1 37	23 45	4 4	18 0	0 10	24 58	1 56	20 2	0 53	24 44	0 45	3 42	6 57	24 3	24 0	5 30			n.a.
S 24	21 15	17 12	4 6	12 13	2 33	25 42	1 36	23 40	4 5	18 4	0 11	24 57	1 56	20 2	0 53	24 44	0 45	3 41	6 57	24 3	24 0	5 27			n.a.
S 25	21 27	12 33	4 45	12 31	2 22	25 40	1 35	23 35	4 6	18 8	0 11	24 56	1 55	20 2	0 53	24 44	0 45	3 41	6 57	24 3	24 0	5 25			n.a.
M26	21 38	7 11	5 8	12 51	2 11	25 37	1 34	23 30	4 7	18 12	0 11	24 55	1 55	20 2	0 53	24 44	0 45	3 40	6 57	24 3	24 1	5 22			n.a.
T 27	21 49	1 22	5 12	13 12	2 0	25 33	1 33	23 25	4 8	18 17	0 11	24 54	1 55	20 3	0 53	24 43	0 45	3 40	6 57	24 3	24 1	5 19			n.a.
W28	22 0	4n34	4 56	13 34	1 50	25 28	1 32	23 19	4 8	18 21	0 11	24 53	1 55	20 3	0 53	24 43	0 45	3 39	6 57	24 4	24 1	5 17			n.a.
T 29	22 11	10 16	4 21	13 58	1 39	25 23	1 31	23 14	4 9	18 25	0 11	24 52	1 55	20 3	0 53	24 43	0 45	3 39	6 57	24 4	24 1	5 14			n.a.
F 30	22 20	15 22	3 29	14 22	1 28	25 17	1 30	23 9	4 9	18 28	0 11	24 51	1 55	20 3	0 53	24 43	0 45	3 38	6 57	24 4	24 1	5 11			n.a.
S 31	22s30	19n32	2s25	14s48	1n17	25s10	1s29	23n 3	4n 9	18s32	0s11	24s50	1s55	20n 4	0n53	24n43	0n45	3n38	6n57	24n 4	24n 1	5n 9			n.a.

Julian Day Number = 201952.5, Delta T = 32h08m33s
Ecliptic obliquity = 24°06'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'36, Lahiri = -61°06'35 Julian Calendar 1 Dec. 4161 BCE == Greg. Calendar 29 Oct. 4161 BCE

The year -4160 astronomical counting style corresponds to year 4161 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

JANUARY 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 33 54	10♐30'26	20♊ 1	13♏22	11♉36	22°R40	20♏40	17♉34	6°R21	23°R51	6♎42	3°R33	4♋51	28♍56	n.a.	S 1
M 2	4 37 51	11°30'15	3♋38	14°18	12°49	22♉19	20°53	17°41	6♌20	23♊49	6°44	3°D32	4°48	29° 3	n.a.	M 2
T 3	4 41 47	12°30'03	16°54	15°16	14° 2	22° 0	21° 7	17°48	6°19	23°47	6°45	3♋33	4°45	29°10	n.a.	T 3
W 4	4 45 44	13°29'49	29°48	16°17	15°14	21°40	21°21	17°55	6°18	23°46	6°46	3°34	4°42	29°17	n.a.	W 4
T 5	4 49 40	14°29'33	12♌22	17°20	16°27	21°22	21°34	18° 2	6°17	23°44	6°47	3°36	4°39	29°23	n.a.	T 5
F 6	4 53 37	15°29'14	24°39	18°26	17°40	21° 4	21°48	18° 9	6°15	23°42	6°48	3°37	4°35	29°30	n.a.	F 6
S 7	4 57 33	16°28'54	6♍43	19°34	18°52	20°46	22° 2	18°16	6°14	23°41	6°49	3°38	4°32	29°37	n.a.	S 7
S 8	5 1 30	17°28'31	18°39	20°44	20° 5	20°30	22°15	18°23	6°13	23°39	6°50	3°R38	4°29	29°44	n.a.	S 8
M 9	5 5 26	18°28'06	0♎32	21°56	21°17	20°14	22°29	18°30	6°11	23°37	6°51	3°38	4°26	29°50	n.a.	M 9
T 10	5 9 23	19°27'40	12°26	23°11	22°30	19°58	22°42	18°38	6°10	23°36	6°52	3°37	4°23	29°57	n.a.	T 10
W11	5 13 20	20°27'11	24°25	24°27	23°42	19°44	22°56	18°45	6° 8	23°34	6°53	3°35	4°20	0♎ 4	n.a.	W11
T 12	5 17 16	21°26'41	6♏34	25°44	24°54	19°30	23° 9	18°52	6° 7	23°32	6°54	3°33	4°16	0°10	n.a.	T 12
F 13	5 21 13	22°26'08	18°55	27° 4	26° 6	19°17	23°22	19° 0	6° 5	23°31	6°55	3°32	4°13	0°17	n.a.	F 13
S 14	5 25 9	23°25'33	1♐31	28°25	27°18	19° 4	23°36	19° 7	6° 4	23°29	6°56	3°30	4°10	0°24	n.a.	S 14
S 15	5 29 6	24°24'56	14°23	29°47	28°30	18°53	23°49	19°14	6° 2	23°28	6°57	3°29	4° 7	0°31	n.a.	S 15
M16	5 33 2	25°24'17	27°31	1♐11	29°42	18°42	24° 2	19°22	6° 0	23°26	6°57	3°D29	4° 4	0°37	n.a.	M16
T 17	5 36 59	26°23'35	10♑55	2°37	0♒54	18°32	24°15	19°29	5°59	23°24	6°58	3°29	4° 1	0°44	n.a.	T 17
W18	5 40 55	27°22'51	24°33	4° 4	2° 6	18°23	24°28	19°37	5°57	23°23	6°59	3°29	3°57	0°51	n.a.	W18
T 19	5 44 52	28°22'05	8♒22	5°33	3°18	18°14	24°41	19°44	5°55	23°21	7° 0	3°30	3°54	0°58	n.a.	T 19
F 20	5 48 48	29°21'16	22°22	7° 3	4°29	18° 7	24°54	19°52	5°53	23°19	7° 0	3°30	3°51	1° 4	n.a.	F 20
S 21	5 52 45	0♑20'25	6♓28	8°34	5°41	18° 0	25° 7	20° 0	5°52	23°18	7° 1	3°31	3°48	1°11	n.a.	S 21
S 22	5 56 41	1°19'31	20°39	10° 7	6°52	17°54	25°20	20° 7	5°50	23°16	7° 1	3°31	3°45	1°18	n.a.	S 22
M23	6 0 38	2°18'34	4♈52	11°41	8° 4	17°49	25°33	20°15	5°48	23°14	7° 2	3°R31	3°41	1°24	n.a.	M23
T 24	6 4 35	3°17'34	19° 5	13°17	9°15	17°44	25°45	20°23	5°46	23°13	7° 2	3°D31	3°38	1°31	n.a.	T 24
W25	6 8 31	4°16'33	3♉15	14°54	10°26	17°41	25°58	20°30	5°44	23°11	7° 3	3°31	3°35	1°38	n.a.	W25
T 26	6 12 28	5°15'28	17°19	16°33	11°37	17°38	26°10	20°38	5°42	23° 9	7° 3	3°31	3°32	1°45	n.a.	T 26
F 27	6 16 24	6°14'21	1♊16	18°13	12°48	17°36	26°23	20°46	5°40	23° 8	7° 4	3°31	3°29	1°51	n.a.	F 27
S 28	6 20 21	7°13'12	15° 2	19°54	13°59	17°34	26°35	20°53	5°37	23° 6	7° 4	3°31	3°26	1°58	n.a.	S 28
S 29	6 24 17	8°12'00	28°35	21°37	15°10	17°D34	26°48	21° 1	5°35	23° 5	7° 5	3°R32	3°22	2° 5	n.a.	S 29
M30	6 28 14	9°10'47	11♋53	23°21	16°20	17°34	27° 0	21° 9	5°33	23° 3	7° 5	3°32	3°19	2°12	n.a.	M30
T 31	6 32 10	10♑ 9'30	24♋55	25♐ 6	17♒31	17♉35	27♏12	21♑17	5♌31	23♊ 1	7♎ 5	3♋31	3♋16	2♎18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	22s39	22n30	1s14	15s14	1n 7	25s 3	1s28	22n58	4n10	18s36	0s12	24s49	1s55	20n 4	0n53	24n43	0n45	3n37	6n57	24n 4	24n 1	5n 6			n.a.
M 2	22 48	24 4	0n 1	15 41	0 56	24 54	1 26	22 53	4 10	18 40	0 12	24 48	1 55	20 4	0 53	24 43	0 45	3 37	6 58	24 4	24 1	5 3			n.a.
T 3	22 56	24 13	1 13	16 8	0 46	24 45	1 25	22 47	4 10	18 44	0 12	24 47	1 55	20 5	0 53	24 43	0 45	3 37	6 58	24 4	24 2	5 1			n.a.
W 4	23 4	23 2	2 20	16 36	0 36	24 35	1 23	22 42	4 10	18 48	0 12	24 46	1 55	20 5	0 53	24 43	0 45	3 36	6 58	24 4	24 2	4 58			n.a.
T 5	23 11	20 44	3 18	17 4	0 26	24 25	1 21	22 37	4 10	18 52	0 12	24 45	1 55	20 5	0 53	24 43	0 45	3 36	6 58	24 4	24 2	4 55			n.a.
F 6	23 18	17 31	4 6	17 32	0 16	24 14	1 20	22 31	4 9	18 55	0 12	24 44	1 55	20 6	0 53	24 43	0 45	3 36	6 58	24 4	24 2	4 53			n.a.
S 7	23 24	13 38	4 42	18 0	0 7	24 2	1 18	22 26	4 9	18 59	0 12	24 43	1 55	20 6	0 53	24 43	0 45	3 35	6 58	24 4	24 2	4 50			n.a.
S 8	23 30	9 16	5 5	18 28	0s 2	23 49	1 16	22 21	4 9	19 3	0 13	24 42	1 55	20 7	0 54	24 43	0 45	3 35	6 58	24 4	24 2	4 47			n.a.
M 9	23 36	4 35	5 15	18 56	0 11	23 36	1 14	22 16	4 8	19 7	0 13	24 41	1 55	20 7	0 54	24 43	0 45	3 35	6 58	24 4	24 2	4 45			n.a.
T 10	23 41	0s17	5 12	19 24	0 20	23 22	1 12	22 11	4 8	19 10	0 13	24 40	1 55	20 7	0 54	24 43	0 45	3 34	6 58	24 4	24 2	4 42			n.a.
W11	23 45	5 10	4 55	19 52	0 28	23 7	1 10	22 7	4 7	19 14	0 13	24 39	1 54	20 8	0 54	24 43	0 46	3 34	6 59	24 4	24 2	4 39			n.a.
T 12	23 50	9 55	4 25	20 19	0 36	22 52	1 8	22 2	4 6	19 18	0 13	24 38	1 54	20 8	0 54	24 43	0 46	3 34	6 59	24 4	24 3	4 37			n.a.
F 13	23 53	14 23	3 42	20 45	0 44	22 36	1 6	21 58	4 6	19 21	0 13	24 37	1 54	20 9	0 54	24 42	0 46	3 34	6 59	24 4	24 3	4 34			n.a.
S 14	23 57	18 18	2 48	21 12	0 51	22 19	1 3	21 53	4 5	19 25	0 13	24 36	1 54	20 9	0 54	24 42	0 46	3 33	6 59	24 4	24 3	4 31			n.a.
S 15	23 59	21 27	1 44	21 37	0 58	22 2	1 1	21 49	4 4	19 28	0 14	24 34	1 54	20 9	0 54	24 42	0 46	3 33	6 59	24 4	24 3	4 29			n.a.
M16	24 2	23 32	0 33	22 2	1 5	21 44	0 59	21 45	4 3	19 32	0 14	24 33	1 54	20 10	0 54	24 42	0 46	3 33	6 59	24 4	24 3	4 26			n.a.
T 17	24 4	24 20	0s41	22 26	1 11	21 26	0 56	21 41	4 2	19 35	0 14	24 32	1 54	20 10	0 54	24 42	0 46	3 33	6 59	24 4	24 3	4 23			n.a.
W18	24 5	23 41	1 54	22 50	1 18	21 7	0 54	21 38	4 1	19 39	0 14	24 31	1 54	20 11	0 54	24 42	0 46	3 33	6 59	24 4	24 3	4 21			n.a.
T 19	24 6	21 36	3 2	23 12	1 23	20 48	0 51	21 34	4 0	19 42	0 14	24 30	1 54	20 11	0 54	24 42	0 46	3 32	7 0	24 4	24 3	4 18			n.a.
F 20	24 7	18 12	3 59	23 33	1 29	20 28	0 48	21 31	3 59	19 45	0 14	24 29	1 54	20 12	0 54	24 42	0 46	3 32	7 0	24 4	24 3	4 15			n.a.
S 21	24 7	13 44	4 42	23 54	1 34	20 7	0 46	21 28	3 58	19 49	0 14	24 28	1 54	20 12	0 54	24 42	0 46	3 32	7 0	24 4	24 3	4 12			n.a.
S 22	24 6	8 31	5 9	24 13	1 39	19 46	0 43	21 25	3 56	19 52	0 15	24 26	1 54	20 13	0 54	24 42	0 46	3 32	7 0	24 4	24 4	4 10			n.a.
M23	24 5	2 50	5 17	24 31	1 43	19 24	0 40	21 22	3 55	19 55	0 15	24 25	1 54	20 13	0 54	24 42	0 46	3 32	7 0	24 4	24 4	4 7			n.a.
T 24	24 4	2n59	5 5	24 48	1 47	19 2	0 37	21 20	3 54	19 59	0 15	24 24	1 54	20 14	0 54	24 42	0 46	3 32	7 0	24 4	24 4	4 4			n.a.
W25	24 2	8 38	4 35	25 3	1 50	18 40	0 34	21 17	3 53	20 2	0 15	24 23	1 54	20 15	0 54	24 42	0 46	3 32	7 0	24 4	24 4	4 2			n.a.
T 26	24 0	13 49	3 49	25 17	1 53	18 17	0 31	21 15	3 51	20 5	0 15	24 22	1 54	20 15	0 54	24 42	0 46	3 32	7 0	24 4	24 4	3 59			n.a.
F 27	23 58	18 14	2 49	25 30	1 56	17 53	0 28	21 13	3 50	20 8	0 15	24 20	1 54	20 16	0 54	24 41	0 46	3 32	7 1	24 4	24 4	3 56			n.a.
S 28	23 54	21 35	1 41	25 41	1 58	17 29	0 25	21 12	3 49	20 11	0 16	24 19	1 54	20 16	0 54	24 41	0 46	3 32	7 1	24 4	24 4	3 53			n.a.
S 29	23 51	23 39	0 27	25 50	2 0	17 5	0 21	21 10	3 47	20 15	0 16	24 18	1 54	20 17	0 54	24 41	0 46	3 31	7 1	24 4	24 4	3 51			n.a.
M30	23 47	24 20	0n46	25 57	2 1	16 40	0 18	21 9	3 46	20 18	0 16	24 17	1 54	20 17	0 54	24 41	0 46	3 31	7 1	24 4	24 4	3 48			n.a.
T 31	23s43	23n39	1n56	26s 3	2s 2	16s15	0s15	21n 8	3n45	20s21	0s16	24s15	1s54	20n18	0n54	24n41	0n46	3n31	7n 1	24n 4	24n 4	3n45			n.a.

Julian Day Number = 201983.5, Delta T = 32h08m30s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'32, Lahiri = -61°06'31 Julian Calendar 1 Jan. 4160 BCE == Greg. Calendar 29 Nov. 4161 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

FEBRUARY 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 36 7	11♉ 8'12	7♌41	26♐53	18♒41	17♉37	27♏24	21♉25	5°R29	23°R 0	7♎ 6	3°R30	3♋13	2♎25	n.a.	W 1
T 2	6 40 3	12° 6'52	20°11	28°42	19°52	17°39	27°37	21°33	5♌27	22♊58	7° 6	3♋29	3°10	2°32	n.a.	T 2
F 3	6 44 0	13° 5'29	2♍28	0♉32	21° 2	17°42	27°49	21°40	5°24	22°57	7° 6	3°28	3° 7	2°38	n.a.	F 3
S 4	6 47 56	14° 4'04	14°33	2°23	22°12	17°46	28° 0	21°48	5°22	22°55	7° 6	3°27	3° 3	2°45	n.a.	S 4
S 5	6 51 53	15° 2'38	26°30	4°16	23°22	17°51	28°12	21°56	5°20	22°54	7° 6	3°26	3° 0	2°52	n.a.	S 5
M 6	6 55 49	16° 1'10	8♎24	6°10	24°32	17°56	28°24	22° 4	5°17	22°52	7° 7	3°25	2°57	2°59	n.a.	M 6
T 7	6 59 46	16°59'39	20°18	8° 6	25°42	18° 2	28°36	22°12	5°15	22°51	7° 7	3°D25	2°54	3° 5	n.a.	T 7
W 8	7 3 43	17°58'07	2♏17	10° 3	26°51	18° 8	28°47	22°20	5°13	22°49	7° 7	3°25	2°51	3°12	n.a.	W 8
T 9	7 7 39	18°56'33	14°27	12° 2	28° 1	18°16	28°59	22°28	5°10	22°48	7°R 7	3°26	2°47	3°19	n.a.	T 9
F 10	7 11 36	19°54'57	26°50	14° 2	29°10	18°23	29°10	22°36	5° 8	22°46	7° 7	3°28	2°44	3°26	n.a.	F 10
S 11	7 15 32	20°53'19	9♐31	16° 4	0♓20	18°32	29°22	22°44	5° 5	22°45	7° 7	3°29	2°41	3°32	n.a.	S 11
S 12	7 19 29	21°51'40	22°33	18° 6	1°29	18°41	29°33	22°51	5° 3	22°44	7° 7	3°30	2°38	3°39	n.a.	S 12
M13	7 23 25	22°49'58	5♉56	20°10	2°38	18°51	29°44	22°59	5° 0	22°42	7° 6	3°R30	2°35	3°46	n.a.	M13
T 14	7 27 22	23°48'15	19°40	22°15	3°47	19° 1	29°55	23° 7	4°58	22°41	7° 6	3°30	2°32	3°52	n.a.	T 14
W15	7 31 18	24°46'29	3♒43	24°21	4°56	19°12	0♐ 6	23°15	4°56	22°39	7° 6	3°28	2°28	3°59	n.a.	W15
T 16	7 35 15	25°44'42	18° 1	26°28	6° 4	19°23	0°17	23°23	4°53	22°38	7° 6	3°25	2°25	4° 6	n.a.	T 16
F 17	7 39 11	26°42'52	2♓29	28°35	7°13	19°35	0°28	23°31	4°51	22°37	7° 6	3°22	2°22	4°13	n.a.	F 17
S 18	7 43 8	27°41'00	17° 0	0♒42	8°21	19°48	0°39	23°39	4°48	22°35	7° 5	3°19	2°19	4°19	n.a.	S 18
S 19	7 47 4	28°39'06	1♈30	2°50	9°29	20° 1	0°49	23°47	4°46	22°34	7° 5	3°16	2°16	4°26	n.a.	S 19
M20	7 51 1	29°37'09	15°52	4°58	10°37	20°15	1° 0	23°55	4°43	22°33	7° 5	3°15	2°13	4°33	n.a.	M20
T 21	7 54 57	0♒35'11	0♉ 4	7° 5	11°45	20°29	1°10	24° 3	4°40	22°32	7° 5	3°D14	2° 9	4°40	n.a.	T 21
W22	7 58 54	1°33'10	14° 5	9°11	12°53	20°44	1°20	24°11	4°38	22°30	7° 4	3°14	2° 6	4°46	n.a.	W22
T 23	8 2 51	2°31'07	27°51	11°17	14° 0	20°59	1°30	24°18	4°35	22°29	7° 4	3°16	2° 3	4°53	n.a.	T 23
F 24	8 6 47	3°29'02	11♊25	13°21	15° 8	21°15	1°40	24°26	4°33	22°28	7° 3	3°17	2° 0	5° 0	n.a.	F 24
S 25	8 10 44	4°26'55	24°46	15°23	16°15	21°31	1°50	24°34	4°30	22°27	7° 3	3°18	1°57	5° 6	n.a.	S 25
S 26	8 14 40	5°24'46	7♋54	17°24	17°22	21°48	2° 0	24°42	4°28	22°26	7° 2	3°R19	1°53	5°13	n.a.	S 26
M27	8 18 37	6°22'35	20°49	19°22	18°29	22° 5	2°10	24°50	4°25	22°25	7° 2	3°17	1°50	5°20	n.a.	M27
T 28	8 22 33	7♒20'22	3♌33	21♒18	19♓35	22♉22	2♐20	24♉58	4♌23	22♊24	7♎ 1	3♋14	1♋47	5♎27	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23 s38	21n44	2n58	26 s 7	2 s 2	15 s49	0 s11	21n 7	3n43	20 s24	0 s16	24 s14	1 s54	20n18	0n54	24n41	0n46	3n31	7n 1	24n 4	24n 4	3n43		n.a.
T 2	23 32	18 48	3 51	26 8	2 2	15 24	0 8	21 7	3 42	20 27	0 16	24 13	1 54	20 19	0 54	24 41	0 46	3 31	7 1	24 4	24 4	3 40		n.a.
F 3	23 27	15 5	4 31	26 8	2 1	14 57	0 4	21 6	3 40	20 30	0 16	24 12	1 54	20 20	0 54	24 41	0 46	3 32	7 1	24 4	24 5	3 37		n.a.
S 4	23 21	10 49	4 59	26 5	2 0	14 31	0 1	21 6	3 39	20 33	0 17	24 10	1 54	20 20	0 54	24 41	0 46	3 32	7 2	24 4	24 5	3 34		n.a.
S 5	23 14	6 12	5 14	26 0	1 58	14 4	0n 3	21 6	3 37	20 35	0 17	24 9	1 54	20 21	0 54	24 41	0 46	3 32	7 2	24 4	24 5	3 32		n.a.
M 6	23 7	1 23	5 15	25 53	1 56	13 37	0 6	21 6	3 36	20 38	0 17	24 8	1 54	20 21	0 54	24 41	0 46	3 32	7 2	24 4	24 5	3 29		n.a.
T 7	23 0	3 s30	5 3	25 44	1 53	13 9	0 10	21 6	3 34	20 41	0 17	24 6	1 54	20 22	0 54	24 41	0 46	3 32	7 2	24 4	24 5	3 26		n.a.
W 8	22 52	8 17	4 37	25 32	1 49	12 42	0 14	21 7	3 33	20 44	0 17	24 5	1 54	20 23	0 54	24 40	0 46	3 32	7 2	24 4	24 5	3 23		n.a.
T 9	22 44	12 50	3 59	25 18	1 45	12 14	0 17	21 7	3 31	20 47	0 17	24 4	1 55	20 23	0 54	24 40	0 46	3 32	7 2	24 4	24 5	3 21		n.a.
F 10	22 35	16 56	3 9	25 1	1 40	11 45	0 21	21 8	3 30	20 49	0 18	24 2	1 55	20 24	0 55	24 40	0 46	3 32	7 2	24 4	24 5	3 18		n.a.
S 11	22 26	20 23	2 9	24 41	1 35	11 17	0 25	21 9	3 28	20 52	0 18	24 1	1 55	20 25	0 55	24 40	0 46	3 32	7 2	24 4	24 5	3 15		n.a.
S 12	22 17	22 54	1 0	24 19	1 29	10 48	0 29	21 10	3 27	20 55	0 18	24 0	1 55	20 25	0 55	24 40	0 46	3 32	7 3	24 4	24 5	3 12		n.a.
M13	22 7	24 12	0 s13	23 55	1 23	10 19	0 33	21 12	3 25	20 57	0 18	23 59	1 55	20 26	0 55	24 40	0 46	3 33	7 3	24 4	24 5	3 10		n.a.
T 14	21 57	24 4	1 28	23 28	1 16	9 50	0 36	21 13	3 24	21 0	0 18	23 57	1 55	20 26	0 55	24 40	0 46	3 33	7 3	24 4	24 5	3 7		n.a.
W15	21 46	22 26	2 39	22 58	1 8	9 21	0 40	21 15	3 22	21 3	0 18	23 56	1 55	20 27	0 55	24 40	0 46	3 33	7 3	24 4	24 5	3 4		n.a.
T 16	21 35	19 21	3 41	22 26	1 0	8 51	0 44	21 17	3 21	21 5	0 19	23 54	1 55	20 28	0 55	24 40	0 46	3 33	7 3	24 4	24 5	3 1		n.a.
F 17	21 24	15 3	4 30	21 52	0 51	8 22	0 48	21 19	3 19	21 8	0 19	23 53	1 55	20 28	0 55	24 40	0 46	3 33	7 3	24 4	24 6	2 59		n.a.
S 18	21 12	9 52	5 1	21 15	0 42	7 52	0 52	21 21	3 18	21 10	0 19	23 52	1 55	20 29	0 55	24 40	0 46	3 33	7 3	24 4	24 6	2 56		n.a.
S 19	21 0	4 10	5 13	20 36	0 32	7 22	0 56	21 23	3 16	21 13	0 19	23 50	1 55	20 30	0 55	24 40	0 46	3 34	7 3	24 4	24 6	2 53		n.a.
M20	20 48	1n43	5 6	19 55	0 22	6 52	1 0	21 26	3 15	21 15	0 19	23 49	1 55	20 30	0 55	24 40	0 46	3 34	7 4	24 4	24 6	2 50		n.a.
T 21	20 35	7 27	4 40	19 13	0 12	6 22	1 4	21 28	3 13	21 17	0 20	23 48	1 55	20 31	0 55	24 39	0 46	3 34	7 4	24 4	24 6	2 48		n.a.
W22	20 22	12 44	3 58	18 29	0 1	5 52	1 8	21 31	3 12	21 20	0 20	23 46	1 55	20 32	0 55	24 39	0 46	3 34	7 4	24 4	24 6	2 45		n.a.
T 23	20 9	17 17	3 2	17 44	0n10	5 22	1 12	21 34	3 10	21 22	0 20	23 45	1 55	20 32	0 55	24 39	0 46	3 35	7 4	24 4	24 6	2 42		n.a.
F 24	19 55	20 51	1 57	16 57	0 21	4 51	1 16	21 37	3 9	21 24	0 20	23 44	1 55	20 33	0 55	24 39	0 46	3 35	7 4	24 4	24 6	2 39		n.a.
S 25	19 41	23 14	0 47	16 10	0 32	4 21	1 20	21 40	3 8	21 27	0 20	23 42	1 56	20 33	0 55	24 39	0 46	3 35	7 4	24 4	24 6	2 37		n.a.
S 26	19 27	24 17	0n25	15 22	0 43	3 51	1 24	21 43	3 6	21 29	0 20	23 41	1 56	20 34	0 55	24 39	0 46	3 36	7 4	24 4	24 6	2 34		n.a.
M27	19 12	24 0	1 34	14 34	0 54	3 20	1 28	21 46	3 5	21 31	0 21	23 40	1 56	20 35	0 55	24 39	0 46	3 36	7 4	24 4	24 6	2 31		n.a.
T 28	18 s57	22n27	2n37	13 s46	1n 5	2 s50	1n32	21n49	3n 3	21 s33	0 s21	23 s38	1 s56	20n35	0n55	24n39	0n46	3n36	7n 4	24n 4	24n 6	2n28		n.a.

Julian Day Number = 202014.5, Delta T = 32h08m27s
Ecliptic obliquity = 24°06'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'28, Lahiri = -61°06'27 Julian Calendar 1 Feb. 4160 BCE == Greg. Calendar 30 Dec. 4161 BCE

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

MARCH 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 26 30	8♒18'08	16♌ 5	23♒12	20♓42	22♉40	2♐29	25♑ 5	4°R20	22°R23	7°R 1	3°R10	1♋44	5♎33	n.a.	W 1
T 2	8 30 26	9°15'51	28°25	25° 2	21°48	22°59	2°38	25°13	4♌18	22♊22	7♎ 0	3♋ 4	1°41	5°40	n.a.	T 2
F 3	8 34 23	10°13'33	10♍36	26°49	22°54	23°18	2°48	25°21	4°15	22°21	6°59	2°57	1°38	5°47	n.a.	F 3
S 4	8 38 19	11°11'14	22°38	28°33	24° 0	23°37	2°57	25°29	4°13	22°20	6°59	2°51	1°34	5°54	n.a.	S 4
S 5	8 42 16	12° 8'53	4♎34	0♓14	25° 5	23°57	3° 6	25°36	4°10	22°19	6°58	2°45	1°31	6° 0	n.a.	S 5
M 6	8 46 12	13° 6'31	16°27	1°51	26°11	24°17	3°15	25°44	4° 8	22°18	6°57	2°40	1°28	6° 7	n.a.	M 6
T 7	8 50 9	14° 4'07	28°20	3°25	27°16	24°37	3°24	25°52	4° 5	22°17	6°57	2°37	1°25	6°14	n.a.	T 7
W 8	8 54 6	15° 1'42	10♏18	4°54	28°21	24°58	3°32	25°59	4° 3	22°16	6°56	2°D35	1°22	6°20	n.a.	W 8
T 9	8 58 2	15°59'16	22°25	6°20	29°26	25°19	3°41	26° 7	4° 0	22°15	6°55	2°36	1°18	6°27	n.a.	T 9
F 10	9 1 59	16°56'48	4♐47	7°43	0♈31	25°41	3°49	26°15	3°58	22°14	6°54	2°37	1°15	6°34	n.a.	F 10
S 11	9 5 55	17°54'20	17°28	9° 1	1°35	26° 3	3°57	26°22	3°55	22°14	6°53	2°38	1°12	6°41	n.a.	S 11
S 12	9 9 52	18°51'50	0♑32	10°16	2°39	26°25	4° 6	26°30	3°53	22°13	6°52	2°R39	1° 9	6°47	n.a.	S 12
M13	9 13 48	19°49'19	14° 1	11°26	3°43	26°48	4°14	26°37	3°50	22°12	6°51	2°38	1° 6	6°54	n.a.	M13
T 14	9 17 45	20°46'47	27°57	12°32	4°46	27°11	4°21	26°45	3°48	22°11	6°51	2°36	1° 3	7° 1	n.a.	T 14
W15	9 21 41	21°44'14	12♒17	13°35	5°50	27°34	4°29	26°52	3°46	22°11	6°50	2°31	0°59	7° 8	n.a.	W15
T 16	9 25 38	22°41'39	26°57	14°33	6°53	27°58	4°37	27° 0	3°43	22°10	6°49	2°25	0°56	7°14	n.a.	T 16
F 17	9 29 34	23°39'03	11♓50	15°27	7°56	28°22	4°44	27° 7	3°41	22° 9	6°48	2°17	0°53	7°21	n.a.	F 17
S 18	9 33 31	24°36'25	26°47	16°16	8°58	28°46	4°51	27°14	3°39	22° 9	6°47	2°10	0°50	7°28	n.a.	S 18
S 19	9 37 28	25°33'46	11♈39	17° 1	10° 0	29°11	4°59	27°22	3°36	22° 8	6°45	2° 3	0°47	7°34	n.a.	S 19
M20	9 41 24	26°31'06	26°19	17°42	11° 2	29°36	5° 6	27°29	3°34	22° 8	6°44	1°57	0°44	7°41	n.a.	M20
T 21	9 45 21	27°28'24	10♉41	18°18	12° 4	0♊ 1	5°13	27°36	3°32	22° 7	6°43	1°54	0°40	7°48	n.a.	T 21
W22	9 49 17	28°25'41	24°42	18°50	13° 5	0°26	5°19	27°44	3°29	22° 7	6°42	1°D53	0°37	7°55	n.a.	W22
T 23	9 53 14	29°22'57	8♊23	19°17	14° 6	0°52	5°26	27°51	3°27	22° 6	6°41	1°53	0°34	8° 1	n.a.	T 23
F 24	9 57 10	0♓20'11	21°44	19°39	15° 7	1°18	5°32	27°58	3°25	22° 6	6°40	1°54	0°31	8° 8	n.a.	F 24
S 25	10 1 7	1°17'24	4♋49	19°57	16° 7	1°45	5°38	28° 5	3°23	22° 6	6°39	1°R54	0°28	8°15	n.a.	S 25
S 26	10 5 3	2°14'35	17°38	20°10	17° 7	2°11	5°45	28°12	3°21	22° 5	6°38	1°53	0°24	8°21	n.a.	S 26
M27	10 9 0	3°11'46	0♌15	20°18	18° 7	2°38	5°50	28°19	3°19	22° 5	6°36	1°49	0°21	8°28	n.a.	M27
T 28	10 12 57	4° 8'55	12°41	20°R22	19° 6	3° 5	5°56	28°26	3°17	22° 5	6°35	1°44	0°18	8°35	n.a.	T 28
W29	10 16 53	5° 6'03	24°59	20°21	20° 5	3°33	6° 2	28°33	3°15	22° 4	6°34	1°35	0°15	8°42	n.a.	W29
T 30	10 20 50	6° 3'11	7♍ 8	20°16	21° 3	4° 0	6° 7	28°40	3°13	22° 4	6°33	1°25	0°12	8°48	n.a.	T 30
F 31	10 24 46	7♓ 0'17	19♍11	20♓ 6	22♈ 1	4♊28	6♐13	28♑47	3♌11	22♊ 4	6♎31	1♋13	0♋ 9	8♎55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18s42	19n49	3n32	12s59	1n16	2s19	1n36	21n53	3n 2	21s35	0s21	23s37	1s56	20n36	0n55	24n39	0n46	3n36	7n 4	24n 4	24n 6	2n25		n.a.
T 2	18 26	16 20	4 15	12 11	1 26	1 49	1 40	21 56	3 0	21 37	0 21	23 35	1 56	20 37	0 55	24 39	0 46	3 37	7 5	24 5	24 6	2 23		n.a.
F 3	18 10	12 12	4 47	11 25	1 37	1 19	1 44	22 0	2 59	21 39	0 21	23 34	1 56	20 37	0 55	24 39	0 46	3 37	7 5	24 5	24 6	2 20		n.a.
S 4	17 54	7 38	5 5	10 39	1 46	0 48	1 48	22 4	2 57	21 41	0 22	23 33	1 56	20 38	0 55	24 39	0 46	3 38	7 5	24 5	24 6	2 17		n.a.
S 5	17 38	2 51	5 9	9 54	1 56	0 18	1 52	22 7	2 56	21 43	0 22	23 31	1 56	20 38	0 55	24 39	0 46	3 38	7 5	24 5	24 6	2 14		n.a.
M 6	17 21	2s 2	5 1	9 11	2 5	0n12	1 56	22 11	2 55	21 45	0 22	23 30	1 56	20 39	0 55	24 39	0 46	3 38	7 5	24 5	24 6	2 11		n.a.
T 7	17 4	6 51	4 39	8 29	2 13	0 42	2 0	22 15	2 53	21 47	0 22	23 29	1 57	20 40	0 55	24 39	0 46	3 39	7 5	24 5	24 6	2 9		n.a.
W 8	16 47	11 27	4 5	7 48	2 20	1 13	2 4	22 19	2 52	21 49	0 22	23 27	1 57	20 40	0 55	24 38	0 46	3 39	7 5	24 5	24 6	2 6		n.a.
T 9	16 29	15 40	3 20	7 10	2 27	1 43	2 8	22 23	2 51	21 51	0 23	23 26	1 57	20 41	0 55	24 38	0 46	3 39	7 5	24 5	24 6	2 3		n.a.
F 10	16 12	19 19	2 25	6 33	2 34	2 12	2 11	22 27	2 49	21 53	0 23	23 24	1 57	20 41	0 55	24 38	0 46	3 40	7 5	24 5	24 6	2 0		n.a.
S 11	15 54	22 9	1 21	5 57	2 40	2 42	2 15	22 31	2 48	21 55	0 23	23 23	1 57	20 42	0 55	24 38	0 46	3 40	7 5	24 5	24 6	1 58		n.a.
S 12	15 35	23 55	0 11	5 24	2 44	3 12	2 19	22 35	2 46	21 57	0 23	23 22	1 57	20 43	0 55	24 38	0 46	3 41	7 5	24 5	24 7	1 55		n.a.
M13	15 17	24 22	1s 1	4 53	2 49	3 41	2 23	22 40	2 45	21 58	0 23	23 20	1 57	20 43	0 55	24 38	0 46	3 41	7 6	24 5	24 7	1 52		n.a.
T 14	14 58	23 19	2 12	4 24	2 52	4 10	2 26	22 44	2 44	22 0	0 24	23 19	1 57	20 44	0 55	24 38	0 46	3 42	7 6	24 5	24 7	1 49		n.a.
W15	14 39	20 44	3 17	3 58	2 55	4 40	2 30	22 48	2 42	22 2	0 24	23 18	1 57	20 44	0 55	24 38	0 46	3 42	7 6	24 5	24 7	1 46		n.a.
T 16	14 20	16 46	4 10	3 33	2 56	5 8	2 33	22 52	2 41	22 3	0 24	23 16	1 58	20 45	0 55	24 38	0 46	3 42	7 6	24 5	24 7	1 44		n.a.
F 17	14 1	11 43	4 47	3 11	2 57	5 37	2 37	22 57	2 40	22 5	0 24	23 15	1 58	20 45	0 55	24 38	0 46	3 43	7 6	24 6	24 7	1 41		n.a.
S 18	13 41	5 57	5 5	2 52	2 57	6 6	2 40	23 1	2 38	22 6	0 25	23 13	1 58	20 46	0 54	24 38	0 46	3 43	7 6	24 6	24 7	1 38		n.a.
S 19	13 21	0n 7	5 2	2 35	2 56	6 34	2 44	23 5	2 37	22 8	0 25	23 12	1 58	20 47	0 54	24 38	0 46	3 44	7 6	24 6	24 7	1 35		n.a.
M20	13 1	6 7	4 39	2 20	2 54	7 2	2 47	23 10	2 36	22 10	0 25	23 11	1 58	20 47	0 54	24 38	0 46	3 44	7 6	24 6	24 7	1 32		n.a.
T 21	12 41	11 40	3 59	2 8	2 51	7 30	2 50	23 14	2 35	22 11	0 25	23 9	1 58	20 48	0 54	24 38	0 46	3 45	7 6	24 6	24 7	1 29		n.a.
W22	12 21	16 29	3 6	1 59	2 47	7 58	2 54	23 19	2 33	22 13	0 25	23 8	1 59	20 48	0 54	24 38	0 46	3 45	7 6	24 6	24 7	1 27		n.a.
T 23	12 0	20 18	2 2	1 53	2 42	8 25	2 57	23 23	2 32	22 14	0 26	23 7	1 59	20 49	0 54	24 38	0 46	3 46	7 6	24 6	24 7	1 24		n.a.
F 24	11 40	22 57	0 54	1 49	2 36	8 52	3 0	23 27	2 31	22 15	0 26	23 5	1 59	20 49	0 54	24 38	0 46	3 46	7 6	24 6	24 7	1 21		n.a.
S 25	11 19	24 17	0n16	1 49	2 29	9 19	3 3	23 32	2 29	22 17	0 26	23 4	1 59	20 50	0 54	24 38	0 46	3 47	7 6	24 6	24 7	1 18		n.a.
S 26	10 58	24 17	1 23	1 51	2 21	9 45	3 6	23 36	2 28	22 18	0 26	23 3	1 59	20 50	0 54	24 38	0 46	3 47	7 6	24 6	24 7	1 15		n.a.
M27	10 37	23 2	2 25	1 56	2 12	10 11	3 9	23 40	2 27	22 19	0 27	23 1	1 59	20 51	0 54	24 38	0 46	3 48	7 6	24 6	24 7	1 13		n.a.
T 28	10 16	20 39	3 19	2 3	2 2	10 37	3 11	23 45	2 26	22 21	0 27	23 0	1 59	20 51	0 54	24 38	0 46	3 48	7 6	24 6	24 7	1 10		n.a.
W29	9 54	17 22	4 3	2 14	1 51	11 2	3 14	23 49	2 24	22 22	0 27	22 59	2 0	20 52	0 54	24 38	0 46	3 49	7 6	24 6	24 7	1 7		n.a.
T 30	9 33	13 23	4 36	2 27	1 40	11 28	3 17	23 53	2 23	22 23	0 27	22 58	2 0	20 52	0 54	24 38	0 46	3 49	7 6	24 6	24 7	1 4		n.a.
F 31	9s11	8n54	4n55	2s42	1n27	11n52	3n19	23n57	2n22	22s24	0s27	22s56	2s 0	20n52	0n54	24n38	0n46	3n50	7n 6	24n 7	24n 7	1n 1		n.a.

Julian Day Number = 202042.5, Delta T = 32h08m24s
Ecliptic obliquity = 24°06'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'24, Lahiri = -61°06'23 Julian Calendar 1 March 4160 BCE == Greg. Calendar 27 Jan. 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

APRIL 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 28 43	7♓57'22	1♎ 9	19°R52	22♈59	4♊56	6♐18	28♉53	3°R 9	22°R 4	6°R30	1°R 1	0♋ 5	9♎ 2	n.a.	S 1
S 2	10 32 39	8°54'27	13° 2	19♓34	23°56	5°25	6°23	29° 0	3♌ 7	22♊ 4	6♎29	0♋50	0° 2	9° 9	n.a.	S 2
M 3	10 36 36	9°51'32	24°54	19°13	24°52	5°53	6°28	29° 7	3° 5	22° 4	6°27	0°40	29♊59	9°15	n.a.	M 3
T 4	10 40 32	10°48'36	6♏46	18°48	25°49	6°22	6°32	29°13	3° 3	22° 4	6°26	0°33	29°56	9°22	n.a.	T 4
W 5	10 44 29	11°45'39	18°43	18°21	26°44	6°51	6°37	29°20	3° 1	22°D 4	6°25	0°28	29°53	9°29	n.a.	W 5
T 6	10 48 26	12°42'42	0♐49	17°51	27°40	7°20	6°41	29°27	2°59	22° 4	6°23	0°26	29°50	9°35	n.a.	T 6
F 7	10 52 22	13°39'45	13° 8	17°20	28°34	7°50	6°45	29°33	2°58	22° 4	6°22	0°D26	29°46	9°42	n.a.	F 7
S 8	10 56 19	14°36'48	25°46	16°47	29°29	8°19	6°49	29°39	2°56	22° 4	6°20	0°R26	29°43	9°49	n.a.	S 8
S 9	11 0 15	15°33'50	8♑46	16°13	0♉22	8°49	6°53	29°46	2°54	22° 4	6°19	0°26	29°40	9°56	n.a.	S 9
M10	11 4 12	16°30'52	22°14	15°39	1°15	9°19	6°56	29°52	2°53	22° 4	6°18	0°24	29°37	10° 2	n.a.	M10
T 11	11 8 8	17°27'54	6♒10	15° 6	2° 8	9°50	7° 0	29°58	2°51	22° 4	6°16	0°20	29°34	10° 9	n.a.	T 11
W12	11 12 5	18°24'55	20°35	14°34	3° 0	10°20	7° 3	0♒ 5	2°50	22° 4	6°15	0°14	29°30	10°16	n.a.	W12
T 13	11 16 1	19°21'57	5♓25	14° 3	3°51	10°51	7° 6	0°11	2°48	22° 5	6°13	0° 5	29°27	10°22	n.a.	T 13
F 14	11 19 58	20°18'58	20°32	13°34	4°42	11°22	7° 9	0°17	2°47	22° 5	6°12	29♊55	29°24	10°29	n.a.	F 14
S 15	11 23 55	21°15'58	5♈47	13° 7	5°32	11°53	7°12	0°23	2°45	22° 5	6°10	29°44	29°21	10°36	n.a.	S 15
S 16	11 27 51	22°12'58	20°57	12°44	6°21	12°24	7°14	0°29	2°44	22° 6	6° 9	29°35	29°18	10°43	n.a.	S 16
M17	11 31 48	23° 9'58	5♉54	12°24	7° 9	12°56	7°17	0°35	2°43	22° 6	6° 7	29°27	29°15	10°49	n.a.	M17
T 18	11 35 44	24° 6'58	20°30	12° 8	7°57	13°28	7°19	0°40	2°41	22° 6	6° 6	29°22	29°11	10°56	n.a.	T 18
W19	11 39 41	25° 3'57	4♊40	11°55	8°44	13°59	7°21	0°46	2°40	22° 7	6° 4	29°19	29° 8	11° 3	n.a.	W19
T 20	11 43 37	26° 0'56	18°24	11°47	9°31	14°31	7°22	0°52	2°39	22° 7	6° 3	29°18	29° 5	11°10	n.a.	T 20
F 21	11 47 34	26°57'54	1♋43	11°D44	10°16	15° 4	7°24	0°57	2°38	22° 8	6° 1	29°18	29° 2	11°16	n.a.	F 21
S 22	11 51 31	27°54'52	14°41	11°45	11° 0	15°36	7°25	1° 3	2°37	22° 8	6° 0	29°17	28°59	11°23	n.a.	S 22
S 23	11 55 27	28°51'50	27°21	11°50	11°44	16° 9	7°27	1° 8	2°36	22° 9	5°58	29°16	28°55	11°30	n.a.	S 23
M24	11 59 24	29°48'47	9♌47	12° 1	12°27	16°41	7°28	1°14	2°35	22° 9	5°57	29°11	28°52	11°36	n.a.	M24
T 25	12 3 20	0♈45'44	22° 1	12°16	13° 8	17°14	7°28	1°19	2°34	22°10	5°55	29° 4	28°49	11°43	n.a.	T 25
W26	12 7 17	1°42'41	4♍ 8	12°36	13°49	17°47	7°29	1°24	2°33	22°11	5°53	28°55	28°46	11°50	n.a.	W26
T 27	12 11 13	2°39'38	16° 9	13° 0	14°29	18°21	7°30	1°30	2°32	22°11	5°52	28°43	28°43	11°57	n.a.	T 27
F 28	12 15 10	3°36'35	28° 5	13°30	15° 7	18°54	7°30	1°35	2°31	22°12	5°50	28°29	28°40	12° 3	n.a.	F 28
S 29	12 19 7	4°33'32	9♎59	14° 4	15°44	19°27	7°R30	1°40	2°30	22°13	5°49	28°16	28°36	12°10	n.a.	S 29
S 30	12 23 3	5♈30'30	21♎51	14♓43	16♉20	20♊ 1	7♐30	1♒45	2♌30	22♊14	5♎47	28♊ 3	28♊33	12♎17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s49	4n 8	5n 2	3s 0	1n13	12n17	3n21	24n 2	2n21	22s25	0s28	22s55	2s 0	20n53	0n54	24n38	0n45	3n51	7n 6	24n 7	24n 7	0n58		n.a.
S 2	8 27	0s46	4 55	3 21	0 59	12 41	3 24	24 6	2 20	22 26	0 28	22 54	2 0	20 53	0 54	24 38	0 45	3 51	7 6	24 7	24 7	0 56		n.a.
M 3	8 5	5 38	4 36	3 43	0 44	13 4	3 26	24 10	2 18	22 28	0 28	22 52	2 1	20 54	0 54	24 38	0 45	3 52	7 6	24 7	24 7	0 53		n.a.
T 4	7 43	10 19	4 4	4 7	0 28	13 27	3 28	24 14	2 17	22 29	0 28	22 51	2 1	20 54	0 54	24 37	0 45	3 52	7 6	24 7	24 7	0 50		n.a.
W 5	7 21	14 39	3 22	4 33	0 12	13 50	3 30	24 18	2 16	22 30	0 29	22 50	2 1	20 55	0 54	24 37	0 45	3 53	7 6	24 7	24 7	0 47		n.a.
T 6	6 58	18 27	2 30	5 0	0s 4	14 12	3 31	24 22	2 15	22 31	0 29	22 49	2 1	20 55	0 54	24 37	0 45	3 53	7 6	24 7	24 7	0 44		n.a.
F 7	6 36	21 31	1 30	5 28	0 21	14 34	3 33	24 26	2 14	22 32	0 29	22 48	2 1	20 55	0 54	24 37	0 45	3 54	7 6	24 7	24 7	0 41		n.a.
S 8	6 13	23 38	0 25	5 56	0 38	14 56	3 35	24 29	2 12	22 33	0 29	22 46	2 1	20 56	0 54	24 37	0 45	3 54	7 6	24 7	24 7	0 39		n.a.
S 9	5 51	24 33	0s44	6 25	0 54	15 17	3 36	24 33	2 11	22 33	0 30	22 45	2 2	20 56	0 54	24 37	0 45	3 55	7 6	24 7	24 7	0 36		n.a.
M10	5 28	24 4	1 53	6 53	1 10	15 37	3 37	24 37	2 10	22 34	0 30	22 44	2 2	20 56	0 54	24 37	0 45	3 55	7 6	24 7	24 7	0 33		n.a.
T 11	5 5	22 7	2 57	7 21	1 26	15 57	3 38	24 40	2 9	22 35	0 30	22 43	2 2	20 57	0 54	24 37	0 45	3 56	7 6	24 7	24 7	0 30		n.a.
W12	4 42	18 41	3 52	7 48	1 41	16 16	3 39	24 44	2 8	22 36	0 30	22 42	2 2	20 57	0 54	24 37	0 45	3 57	7 6	24 7	24 7	0 27		n.a.
T 13	4 19	14 0	4 34	8 13	1 56	16 35	3 40	24 47	2 7	22 37	0 31	22 40	2 3	20 57	0 54	24 37	0 45	3 57	7 6	24 7	24 7	0 24		n.a.
F 14	3 56	8 22	4 57	8 37	2 10	16 54	3 41	24 51	2 5	22 37	0 31	22 39	2 3	20 58	0 54	24 37	0 45	3 58	7 6	24 7	24 7	0 22		n.a.
S 15	3 33	2 12	4 59	9 0	2 22	17 12	3 41	24 54	2 4	22 38	0 31	22 38	2 3	20 58	0 54	24 37	0 45	3 58	7 6	24 7	24 7	0 19		n.a.
S 16	3 10	4n 5	4 40	9 20	2 34	17 29	3 42	24 57	2 3	22 39	0 31	22 37	2 3	20 58	0 54	24 37	0 45	3 59	7 6	24 7	24 7	0 16		n.a.
M17	2 47	10 3	4 2	9 37	2 45	17 46	3 42	25 0	2 2	22 40	0 32	22 36	2 3	20 59	0 54	24 37	0 45	3 59	7 6	24 7	24 7	0 13		n.a.
T 18	2 24	15 20	3 10	9 53	2 55	18 2	3 42	25 3	2 1	22 40	0 32	22 35	2 4	20 59	0 54	24 37	0 45	4 0	7 6	24 7	24 7	0 10		n.a.
W19	2 1	19 36	2 6	10 5	3 3	18 18	3 41	25 6	2 0	22 41	0 32	22 34	2 4	20 59	0 54	24 38	0 45	4 1	7 6	24 7	24 7	0 7		n.a.
T 20	1 38	22 38	0 57	10 15	3 11	18 33	3 41	25 9	1 59	22 41	0 32	22 33	2 4	20 59	0 54	24 38	0 45	4 1	7 6	24 7	24 7	0 4		n.a.
F 21	1 14	24 19	0n13	10 22	3 17	18 47	3 40	25 12	1 57	22 42	0 33	22 32	2 4	21 0	0 54	24 38	0 45	4 2	7 6	24 7	24 7	0 2		n.a.
S 22	0 51	24 37	1 20	10 27	3 22	19 1	3 40	25 14	1 56	22 42	0 33	22 31	2 5	21 0	0 53	24 38	0 45	4 2	7 6	24 7	24 7	0s 1		n.a.
S 23	0 28	23 36	2 22	10 28	3 26	19 14	3 39	25 17	1 55	22 43	0 33	22 30	2 5	21 0	0 53	24 38	0 45	4 3	7 6	24 7	24 7	0 4		n.a.
M24	0 5	21 26	3 16	10 26	3 28	19 26	3 37	25 19	1 54	22 43	0 34	22 29	2 5	21 0	0 53	24 38	0 45	4 3	7 6	24 7	24 7	0 7		n.a.
T 25	0n19	18 20	4 0	10 22	3 30	19 38	3 36	25 21	1 53	22 44	0 34	22 28	2 5	21 0	0 53	24 38	0 45	4 4	7 5	24 7	24 7	0 10		n.a.
W26	0 42	14 29	4 33	10 14	3 30	19 49	3 34	25 24	1 52	22 44	0 34	22 27	2 5	21 0	0 53	24 38	0 45	4 4	7 5	24 7	24 6	0 13		n.a.
T 27	1 5	10 5	4 53	10 4	3 30	20 0	3 32	25 26	1 51	22 44	0 34	22 26	2 6	21 1	0 53	24 38	0 45	4 5	7 5	24 6	24 6	0 16		n.a.
F 28	1 28	5 20	5 0	9 51	3 28	20 10	3 30	25 27	1 50	22 45	0 35	22 25	2 6	21 1	0 53	24 38	0 45	4 6	7 5	24 6	24 6	0 18		n.a.
S 29	1 52	0 25	4 53	9 35	3 26	20 19	3 28	25 29	1 49	22 45	0 35	22 24	2 6	21 1	0 53	24 38	0 45	4 6	7 5	24 6	24 6	0 21		n.a.
S 30	2n15	4s31	4n35	9s16	3s22	20n27	3n25	25n31	1n48	22s45	0s35	22s23	2s 6	21n 1	0n53	24n38	0n45	4n 7	7n 5	24n 6	24n 6	0s24		n.a.

Julian Day Number = 202073.5, Delta T = 32h08m20s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'20, Lahiri = -61°06'19 Julian Calendar 1 Apr. 4160 BCE == Greg. Calendar 27 Feb. 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

MAY 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 27 0	6♈27'28	3♏43	15♓27	16♉55	20♊35	7°R29	1♒50	2°R29	22♊14	5°R46	27°R52	28♊30	12♎23	n.a.	M 1
T 2	12 30 56	7°24'26	15°38	16°15	17°29	21° 9	7♐29	1°54	2♑28	22°15	5♎44	27♊43	28°27	12°30	n.a.	T 2
W 3	12 34 53	8°21'25	27°37	17° 8	18° 1	21°43	7°28	1°59	2°28	22°16	5°43	27°37	28°24	12°37	n.a.	W 3
T 4	12 38 50	9°18'24	9♐44	18° 5	18°32	22°17	7°27	2° 4	2°27	22°17	5°41	27°34	28°21	12°44	n.a.	T 4
F 5	12 42 46	10°15'24	22° 4	19° 7	19° 2	22°52	7°26	2° 8	2°27	22°18	5°39	27°33	28°17	12°50	n.a.	F 5
S 6	12 46 43	11°12'25	4♑40	20°13	19°30	23°26	7°25	2°13	2°27	22°19	5°38	27°33	28°14	12°57	n.a.	S 6
S 7	12 50 39	12° 9'26	17°38	21°23	19°56	24° 1	7°23	2°17	2°26	22°20	5°36	27°33	28°11	13° 4	n.a.	S 7
M 8	12 54 36	13° 6'28	1♒ 0	22°37	20°21	24°36	7°22	2°21	2°26	22°21	5°35	27°32	28° 8	13°11	n.a.	M 8
T 9	12 58 32	14° 3'32	14°50	23°56	20°45	25°11	7°20	2°26	2°26	22°22	5°33	27°29	28° 5	13°17	n.a.	T 9
W10	13 2 29	15° 0'35	29°10	25°19	21° 6	25°46	7°18	2°30	2°25	22°23	5°32	27°23	28° 1	13°24	n.a.	W10
T 11	13 6 26	15°57'40	13♓55	26°45	21°26	26°21	7°16	2°34	2°25	22°24	5°30	27°16	27°58	13°31	n.a.	T 11
F 12	13 10 22	16°54'46	29° 1	28°16	21°44	26°57	7°13	2°38	2°25	22°25	5°29	27° 6	27°55	13°37	n.a.	F 12
S 13	13 14 19	17°51'52	14♈18	29°50	22° 0	27°32	7°11	2°42	2°D25	22°26	5°27	26°57	27°52	13°44	n.a.	S 13
S 14	13 18 15	18°48'59	29°35	1♈29	22°15	28° 8	7° 8	2°45	2°25	22°28	5°26	26°47	27°49	13°51	n.a.	S 14
M15	13 22 12	19°46'06	14♉41	3°10	22°27	28°44	7° 5	2°49	2°25	22°29	5°24	26°40	27°46	13°58	n.a.	M15
T 16	13 26 8	20°43'15	29°26	4°56	22°37	29°20	7° 2	2°53	2°25	22°30	5°23	26°35	27°42	14° 4	n.a.	T 16
W17	13 30 5	21°40'24	13♊46	6°44	22°45	29°56	6°58	2°56	2°25	22°31	5°21	26°33	27°39	14°11	n.a.	W17
T 18	13 34 2	22°37'34	27°38	8°35	22°52	0♋32	6°55	2°59	2°26	22°33	5°20	26°D32	27°36	14°18	n.a.	T 18
F 19	13 37 58	23°34'44	11♋ 2	10°29	22°55	1° 9	6°51	3° 3	2°26	22°34	5°18	26°32	27°33	14°24	n.a.	F 19
S 20	13 41 55	24°31'55	24° 2	12°26	22°R57	1°45	6°47	3° 6	2°26	22°35	5°17	26°R33	27°30	14°31	n.a.	S 20
S 21	13 45 51	25°29'06	6♌40	14°25	22°56	2°22	6°43	3° 9	2°27	22°37	5°15	26°32	27°26	14°38	n.a.	S 21
M22	13 49 48	26°26'19	19° 2	16°26	22°53	2°58	6°39	3°12	2°27	22°38	5°14	26°30	27°23	14°45	n.a.	M22
T 23	13 53 44	27°23'32	1♍12	18°29	22°48	3°35	6°35	3°15	2°28	22°39	5°13	26°25	27°20	14°51	n.a.	T 23
W24	13 57 41	28°20'45	13°12	20°32	22°40	4°12	6°30	3°18	2°28	22°41	5°11	26°18	27°17	14°58	n.a.	W24
T 25	14 1 38	29°18'00	25° 8	22°37	22°30	4°49	6°25	3°21	2°29	22°42	5°10	26° 9	27°14	15° 5	n.a.	T 25
F 26	14 5 34	0♉15'16	7♎ 1	24°43	22°17	5°27	6°21	3°23	2°29	22°44	5° 8	25°59	27°11	15°11	n.a.	F 26
S 27	14 9 31	1°12'32	18°53	26°48	22° 2	6° 4	6°15	3°26	2°30	22°45	5° 7	25°48	27° 7	15°18	n.a.	S 27
S 28	14 13 27	2° 9'50	0♏46	28°54	21°45	6°41	6°10	3°28	2°31	22°47	5° 6	25°39	27° 4	15°25	n.a.	S 28
M29	14 17 24	3° 7'09	12°43	1♉ 0	21°26	7°19	6° 5	3°30	2°32	22°49	5° 4	25°30	27° 1	15°32	n.a.	M29
T 30	14 21 20	4° 4'29	24°44	3° 6	21° 4	7°56	5°59	3°33	2°32	22°50	5° 3	25°24	26°58	15°38	n.a.	T 30
W31	14 25 17	5♉ 1'51	6♐51	5♉10	20♉40	8♋34	5♐54	3♒35	2♌33	22♊52	5♎ 2	25♊20	26♊55	15♎45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2n38	9s18	4n 4	8s55	3s18	20n35	3n22	25n32	1n47	22s45	0s35	22s22	2s 7	21n 1	0n53	24n38	0n45	4n 7	7n 5	24n 6	24n 6	0s27		n.a.
T 2	3 1	13 46	3 22	8 31	3 13	20 41	3 19	25 34	1 45	22 46	0 36	22 21	2 7	21 1	0 53	24 38	0 45	4 8	7 5	24 6	24 6	0 30		n.a.
W 3	3 24	17 44	2 31	8 5	3 7	20 48	3 15	25 35	1 44	22 46	0 36	22 20	2 7	21 1	0 53	24 38	0 45	4 8	7 5	24 6	24 6	0 33		n.a.
T 4	3 47	21 0	1 33	7 35	3 0	20 53	3 11	25 36	1 43	22 46	0 36	22 19	2 8	21 1	0 53	24 38	0 45	4 9	7 5	24 5	24 6	0 36		n.a.
F 5	4 10	23 23	0 29	7 4	2 53	20 57	3 7	25 37	1 42	22 46	0 36	22 19	2 8	21 2	0 53	24 38	0 45	4 9	7 4	24 5	24 6	0 38		n.a.
S 6	4 33	24 39	0s38	6 30	2 45	21 1	3 2	25 38	1 41	22 46	0 37	22 18	2 8	21 2	0 53	24 38	0 45	4 10	7 4	24 5	24 6	0 41		n.a.
S 7	4 56	24 38	1 44	5 54	2 36	21 4	2 58	25 38	1 40	22 46	0 37	22 17	2 8	21 2	0 53	24 38	0 45	4 10	7 4	24 5	24 6	0 44		n.a.
M 8	5 19	23 13	2 47	5 15	2 27	21 6	2 52	25 39	1 39	22 46	0 37	22 16	2 9	21 2	0 53	24 38	0 45	4 11	7 4	24 5	24 6	0 47		n.a.
T 9	5 42	20 23	3 43	4 34	2 17	21 7	2 47	25 39	1 38	22 46	0 38	22 16	2 9	21 2	0 53	24 38	0 45	4 11	7 4	24 5	24 6	0 50		n.a.
W10	6 4	16 14	4 27	3 51	2 7	21 7	2 41	25 40	1 37	22 46	0 38	22 15	2 9	21 2	0 53	24 38	0 45	4 12	7 4	24 5	24 6	0 53		n.a.
T 11	6 27	11 0	4 54	3 6	1 57	21 7	2 35	25 40	1 36	22 46	0 38	22 14	2 9	21 2	0 53	24 38	0 45	4 12	7 4	24 5	24 6	0 56		n.a.
F 12	6 50	5 0	5 2	2 19	1 46	21 6	2 28	25 39	1 35	22 46	0 38	22 14	2 10	21 2	0 53	24 38	0 45	4 13	7 4	24 5	24 6	0 59		n.a.
S 13	7 12	1n23	4 49	1 30	1 35	21 3	2 21	25 39	1 34	22 45	0 39	22 13	2 10	21 2	0 53	24 38	0 45	4 13	7 3	24 5	24 6	1 1		n.a.
S 14	7 34	7 41	4 15	0 40	1 23	21 0	2 14	25 39	1 33	22 45	0 39	22 12	2 10	21 2	0 53	24 39	0 45	4 14	7 3	24 4	24 6	1 4		n.a.
M15	7 57	13 28	3 23	0n13	1 11	20 56	2 6	25 38	1 32	22 45	0 39	22 12	2 11	21 1	0 52	24 39	0 45	4 14	7 3	24 4	24 6	1 7		n.a.
T 16	8 19	18 20	2 19	1 6	1 0	20 51	1 58	25 37	1 31	22 45	0 39	22 11	2 11	21 1	0 52	24 39	0 45	4 15	7 3	24 4	24 6	1 10		n.a.
W17	8 41	21 59	1 7	2 1	0 48	20 45	1 50	25 36	1 30	22 44	0 40	22 11	2 11	21 1	0 52	24 39	0 45	4 15	7 3	24 4	24 6	1 13		n.a.
T 18	9 3	24 11	0n 6	2 57	0 36	20 38	1 41	25 35	1 29	22 44	0 40	22 10	2 11	21 1	0 52	24 39	0 45	4 15	7 3	24 4	24 6	1 16		n.a.
F 19	9 24	24 55	1 17	3 54	0 24	20 30	1 31	25 34	1 28	22 44	0 40	22 9	2 12	21 1	0 52	24 39	0 45	4 16	7 2	24 4	24 5	1 19		n.a.
S 20	9 46	24 13	2 21	4 51	0 13	20 21	1 22	25 33	1 27	22 43	0 41	22 9	2 12	21 1	0 52	24 39	0 45	4 16	7 2	24 4	24 5	1 22		n.a.
S 21	10 7	22 18	3 17	5 49	0 1	20 11	1 11	25 31	1 26	22 43	0 41	22 9	2 12	21 1	0 52	24 39	0 45	4 17	7 2	24 4	24 5	1 25		n.a.
M22	10 29	19 21	4 2	6 47	0n10	19 59	1 1	25 29	1 25	22 42	0 41	22 8	2 13	21 1	0 52	24 39	0 45	4 17	7 2	24 4	24 5	1 27		n.a.
T 23	10 50	15 38	4 36	7 45	0 21	19 47	0 50	25 27	1 23	22 42	0 41	22 8	2 13	21 1	0 52	24 39	0 45	4 18	7 2	24 4	24 5	1 30		n.a.
W24	11 11	11 19	4 57	8 43	0 31	19 34	0 38	25 25	1 22	22 41	0 42	22 7	2 13	21 0	0 52	24 39	0 45	4 18	7 1	24 4	24 5	1 33		n.a.
T 25	11 32	6 37	5 4	9 40	0 41	19 20	0 27	25 23	1 21	22 41	0 42	22 7	2 13	21 0	0 52	24 39	0 45	4 18	7 1	24 3	24 5	1 36		n.a.
F 26	11 53	1 42	4 59	10 36	0 50	19 5	0 14	25 20	1 20	22 40	0 42	22 7	2 14	21 0	0 52	24 39	0 45	4 19	7 1	24 3	24 5	1 39		n.a.
S 27	12 13	3s17	4 41	11 31	0 58	18 49	0 2	25 18	1 19	22 39	0 42	22 6	2 14	21 0	0 52	24 39	0 45	4 19	7 1	24 3	24 5	1 42		n.a.
S 28	12 34	8 10	4 10	12 25	1 6	18 32	0s11	25 15	1 18	22 39	0 43	22 6	2 14	21 0	0 52	24 40	0 45	4 19	7 1	24 2	24 5	1 45		n.a.
M29	12 54	12 47	3 28	13 18	1 14	18 14	0 24	25 12	1 17	22 38	0 43	22 6	2 15	20 59	0 52	24 40	0 45	4 20	7 0	24 2	24 5	1 48		n.a.
T 30	13 14	16 57	2 37	14 9	1 21	17 56	0 38	25 8	1 16	22 37	0 43	22 5	2 15	20 59	0 52	24 40	0 45	4 20	7 0	24 2	24 5	1 51		n.a.
W31	13n34	20s28	1n38	14n58	1n27	17n36	0s51	25n 5	1n15	22s37	0s43	22s 5	2s15	20n59	0n52	24n40	0n45	4n20	7n 0	24n 2	24n 5	1s53		n.a.

Julian Day Number = 202103.5, Delta T = 32h08m17s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'16, Lahiri = -61°06'15 Julian Calendar 1 May 4160 BCE == Greg. Calendar 29 March 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

JUNE 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 29 14	5♉59'14	19♐ 6	7♉14	20°R14	9♋12	5°R48	3♒37	2♏34	22♊53	5°R 1	25°R18	26♊52	15♎52	n.a.	T 1
F 2	14 33 10	6°56'39	1♑33	9°17	19♉47	9°50	5♐42	3°39	2°35	22°55	4♎59	25°D18	26°48	15°58	n.a.	F 2
S 3	14 37 7	7°54'05	14°14	11°19	19°17	10°28	5°36	3°40	2°36	22°57	4°58	25♊19	26°45	16° 5	n.a.	S 3
S 4	14 41 3	8°51'33	27°13	13°20	18°46	11° 6	5°30	3°42	2°37	22°58	4°57	25°20	26°42	16°12	n.a.	S 4
M 5	14 45 0	9°49'03	10♒33	15°20	18°14	11°45	5°24	3°44	2°39	23° 0	4°56	25°R21	26°39	16°19	n.a.	M 5
T 6	14 48 57	10°46'34	24°17	17°18	17°40	12°23	5°17	3°45	2°40	23° 2	4°54	25°20	26°36	16°25	n.a.	T 6
W 7	14 52 53	11°44'07	8♓26	19°15	17° 6	13° 2	5°11	3°47	2°41	23° 4	4°53	25°18	26°32	16°32	n.a.	W 7
T 8	14 56 50	12°41'42	22°58	21°10	16°30	13°40	5° 4	3°48	2°42	23° 5	4°52	25°13	26°29	16°39	n.a.	T 8
F 9	15 0 46	13°39'18	7♈49	23° 4	15°54	14°19	4°57	3°49	2°44	23° 7	4°51	25° 8	26°26	16°45	n.a.	F 9
S 10	15 4 43	14°36'57	22°53	24°57	15°18	14°58	4°50	3°50	2°45	23° 9	4°50	25° 2	26°23	16°52	n.a.	S 10
S 11	15 8 39	15°34'37	8♉ 0	26°48	14°41	15°37	4°43	3°51	2°46	23°11	4°49	24°56	26°20	16°59	n.a.	S 11
M12	15 12 36	16°32'18	23° 1	28°38	14° 5	16°16	4°36	3°52	2°48	23°13	4°48	24°52	26°17	17° 6	n.a.	M12
T 13	15 16 32	17°30'02	7♊46	0♊26	13°28	16°55	4°29	3°53	2°50	23°15	4°47	24°49	26°13	17°12	n.a.	T 13
W14	15 20 29	18°27'47	22° 9	2°13	12°53	17°34	4°22	3°53	2°51	23°17	4°46	24°D48	26°10	17°19	n.a.	W14
T 15	15 24 26	19°25'34	6♋ 7	3°58	12°18	18°14	4°14	3°54	2°53	23°18	4°45	24°48	26° 7	17°26	n.a.	T 15
F 16	15 28 22	20°23'22	19°37	5°42	11°44	18°53	4° 7	3°54	2°54	23°20	4°44	24°50	26° 4	17°33	n.a.	F 16
S 17	15 32 19	21°21'11	2♌41	7°25	11°11	19°33	3°59	3°54	2°56	23°22	4°43	24°51	26° 1	17°39	n.a.	S 17
S 18	15 36 15	22°19'02	15°23	9° 6	10°40	20°13	3°52	3°55	2°58	23°24	4°42	24°52	25°58	17°46	n.a.	S 18
M19	15 40 12	23°16'54	27°47	10°46	10°10	20°52	3°44	3°R55	3° 0	23°26	4°41	24°R52	25°54	17°53	n.a.	M19
T 20	15 44 8	24°14'48	9♍56	12°24	9°42	21°32	3°37	3°55	3° 2	23°28	4°40	24°51	25°51	17°59	n.a.	T 20
W21	15 48 5	25°12'44	21°55	14° 1	9°16	22°12	3°29	3°55	3° 4	23°30	4°39	24°49	25°48	18° 6	n.a.	W21
T 22	15 52 2	26°10'41	3♎49	15°37	8°51	22°52	3°21	3°54	3° 6	23°32	4°38	24°45	25°45	18°13	n.a.	T 22
F 23	15 55 58	27° 8'40	15°41	17°11	8°29	23°33	3°13	3°54	3° 8	23°34	4°38	24°40	25°42	18°20	n.a.	F 23
S 24	15 59 55	28° 6'40	27°34	18°44	8° 9	24°13	3° 6	3°53	3°10	23°36	4°37	24°36	25°38	18°26	n.a.	S 24
S 25	16 3 51	29° 4'43	9♏31	20°15	7°52	24°53	2°58	3°53	3°12	23°38	4°36	24°32	25°35	18°33	n.a.	S 25
M26	16 7 48	0♊ 2'47	21°34	21°46	7°36	25°34	2°50	3°52	3°14	23°41	4°35	24°28	25°32	18°40	n.a.	M26
T 27	16 11 44	1° 0'53	3♐45	23°14	7°23	26°14	2°42	3°51	3°16	23°43	4°35	24°25	25°29	18°46	n.a.	T 27
W28	16 15 41	1°59'01	16° 5	24°42	7°12	26°55	2°34	3°50	3°18	23°45	4°34	24°24	25°26	18°53	n.a.	W28
T 29	16 19 37	2°57'11	28°36	26° 8	7° 4	27°36	2°26	3°49	3°21	23°47	4°33	24°D24	25°23	19° 0	n.a.	T 29
F 30	16 23 34	3♊55'24	11♑18	27♊32	6♉58	28♋16	2♐18	3♒48	3♌23	23♊49	4♎33	24♊25	25♊19	19♎ 7	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n53	23s 6	0n33	15n46	1n32	17n16	1s 5	25n 1	1n14	22s36	0s44	22s 5	2s16	20n59	0n52	24n40	0n45	4n21	7n 0	24n 2	24n 5	1s56		n.a.
F 2	14 13	24 40	0s34	16 31	1 37	16 55	1 19	24 57	1 13	22 35	0 44	22 5	2 16	20 58	0 52	24 40	0 45	4 21	7 0	24 2	24 4	1 59		n.a.
S 3	14 32	25 0	1 40	17 15	1 41	16 33	1 33	24 53	1 12	22 34	0 44	22 5	2 16	20 58	0 52	24 40	0 45	4 21	6 59	24 2	24 4	2 2		n.a.
S 4	14 51	23 59	2 44	17 56	1 44	16 10	1 48	24 49	1 11	22 33	0 44	22 5	2 16	20 58	0 52	24 40	0 45	4 22	6 59	24 2	24 4	2 5		n.a.
M 5	15 10	21 36	3 40	18 36	1 47	15 48	2 2	24 45	1 10	22 32	0 45	22 4	2 17	20 57	0 52	24 40	0 45	4 22	6 59	24 2	24 4	2 8		n.a.
T 6	15 28	17 57	4 25	19 13	1 49	15 25	2 16	24 40	1 9	22 31	0 45	22 4	2 17	20 57	0 51	24 40	0 45	4 22	6 59	24 2	24 4	2 11		n.a.
W 7	15 47	13 11	4 56	19 48	1 51	15 1	2 30	24 35	1 8	22 30	0 45	22 4	2 17	20 57	0 51	24 40	0 45	4 22	6 58	24 2	24 4	2 14		n.a.
T 8	16 5	7 34	5 9	20 21	1 52	14 37	2 44	24 30	1 7	22 29	0 45	22 4	2 18	20 56	0 51	24 40	0 45	4 23	6 58	24 2	24 4	2 17		n.a.
F 9	16 23	1 25	5 2	20 52	1 52	14 14	2 58	24 25	1 6	22 28	0 46	22 4	2 18	20 56	0 51	24 41	0 45	4 23	6 58	24 1	24 4	2 20		n.a.
S 10	16 40	4n55	4 34	21 21	1 52	13 50	3 11	24 20	1 5	22 27	0 46	22 4	2 18	20 56	0 51	24 41	0 45	4 23	6 58	24 1	24 4	2 22		n.a.
S 11	16 58	11 0	3 47	21 48	1 52	13 27	3 24	24 14	1 4	22 26	0 46	22 4	2 19	20 55	0 51	24 41	0 45	4 23	6 57	24 1	24 4	2 25		n.a.
M12	17 15	16 24	2 44	22 12	1 50	13 4	3 37	24 8	1 3	22 25	0 46	22 5	2 19	20 55	0 51	24 41	0 45	4 24	6 57	24 1	24 4	2 28		n.a.
T 13	17 32	20 43	1 31	22 35	1 49	12 41	3 50	24 2	1 2	22 24	0 47	22 5	2 19	20 54	0 51	24 41	0 45	4 24	6 57	24 1	24 4	2 31		n.a.
W14	17 48	23 38	0 14	22 56	1 47	12 19	4 1	23 56	1 1	22 23	0 47	22 5	2 20	20 54	0 51	24 41	0 45	4 24	6 57	24 1	24 3	2 34		n.a.
T 15	18 5	24 59	1n 1	23 14	1 44	11 57	4 13	23 50	1 1	22 21	0 47	22 5	2 20	20 54	0 51	24 41	0 45	4 24	6 56	24 1	24 3	2 37		n.a.
F 16	18 21	24 48	2 11	23 31	1 41	11 36	4 24	23 43	1 0	22 20	0 47	22 5	2 20	20 53	0 51	24 41	0 45	4 24	6 56	24 1	24 3	2 40		n.a.
S 17	18 36	23 13	3 12	23 46	1 38	11 16	4 34	23 37	0 59	22 19	0 47	22 5	2 21	20 53	0 51	24 41	0 45	4 24	6 56	24 1	24 3	2 43		n.a.
S 18	18 52	20 30	4 2	23 59	1 34	10 57	4 44	23 30	0 58	22 18	0 48	22 6	2 21	20 52	0 51	24 41	0 45	4 24	6 56	24 1	24 3	2 46		n.a.
M19	19 7	16 55	4 38	24 10	1 29	10 39	4 53	23 22	0 57	22 16	0 48	22 6	2 21	20 52	0 51	24 42	0 45	4 25	6 55	24 1	24 3	2 49		n.a.
T 20	19 22	12 42	5 2	24 19	1 25	10 22	5 1	23 15	0 56	22 15	0 48	22 6	2 21	20 51	0 51	24 42	0 45	4 25	6 55	24 1	24 3	2 52		n.a.
W21	19 36	8 3	5 12	24 27	1 20	10 7	5 9	23 7	0 55	22 14	0 48	22 7	2 22	20 51	0 51	24 42	0 45	4 25	6 55	24 1	24 3	2 54		n.a.
T 22	19 50	3 8	5 9	24 33	1 14	9 52	5 16	23 0	0 54	22 13	0 48	22 7	2 22	20 50	0 51	24 42	0 45	4 25	6 54	24 0	24 3	2 57		n.a.
F 23	20 4	1s52	4 52	24 37	1 9	9 39	5 23	22 52	0 53	22 11	0 49	22 7	2 22	20 50	0 51	24 42	0 45	4 25	6 54	24 0	24 3	3 0		n.a.
S 24	20 18	6 50	4 23	24 40	1 3	9 27	5 29	22 43	0 52	22 10	0 49	22 8	2 23	20 49	0 51	24 42	0 45	4 25	6 54	24 0	24 2	3 3		n.a.
S 25	20 31	11 34	3 42	24 41	0 57	9 16	5 34	22 35	0 51	22 8	0 49	22 8	2 23	20 49	0 51	24 42	0 45	4 25	6 54	24 0	24 2	3 6		n.a.
M26	20 44	15 55	2 51	24 41	0 50	9 6	5 39	22 27	0 50	22 7	0 49	22 9	2 23	20 48	0 51	24 42	0 45	4 25	6 53	24 0	24 2	3 9		n.a.
T 27	20 56	19 41	1 51	24 39	0 43	8 58	5 43	22 18	0 49	22 6	0 49	22 9	2 24	20 48	0 51	24 42	0 45	4 25	6 53	24 0	24 2	3 12		n.a.
W28	21 8	22 36	0 46	24 36	0 36	8 51	5 46	22 9	0 48	22 4	0 50	22 10	2 24	20 47	0 51	24 43	0 45	4 25	6 53	24 0	24 2	3 15		n.a.
T 29	21 20	24 29	0s23	24 32	0 29	8 46	5 49	22 0	0 47	22 3	0 50	22 10	2 24	20 46	0 51	24 43	0 45	4 25	6 52	23 59	24 2	3 18		n.a.
F 30	21n32	25s 9	1s32	24n27	0n21	8n42	5s52	21n50	0n46	22s 1	0s50	22s11	2s25	20n46	0n50	24n43	0n45	4n25	6n52	24n 0	24n 2	3s21		n.a.

Julian Day Number = 202134.5, Delta T = 32h08m14s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'11, Lahiri = -61°06'11 Julian Calendar 1 June 4160 BCE == Greg. Calendar 29 Apr. 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

JULY 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 27 31	4♊53'38	24♉13	28♊55	6°R55	28♋57	2°R10	3°R47	3♌25	23♊51	4°R32	24♊26	25♊16	19♎13	n.a.	S 1
S 2	16 31 27	5°51'55	7♒23	0♋17	6°D54	29°38	2♐ 2	3♒46	3°28	23°53	4♎32	24°27	25°13	19°20	n.a.	S 2
M 3	16 35 24	6°50'14	20°50	1°37	6♉55	0♌19	1°55	3°44	3°30	23°55	4°31	24°28	25°10	19°27	n.a.	M 3
T 4	16 39 20	7°48'36	4♓33	2°56	6°59	1° 1	1°47	3°43	3°33	23°58	4°31	24°R29	25° 7	19°33	n.a.	T 4
W 5	16 43 17	8°47'00	18°34	4°12	7° 4	1°42	1°39	3°41	3°35	24° 0	4°30	24°29	25° 4	19°40	n.a.	W 5
T 6	16 47 13	9°45'26	2♈51	5°28	7°12	2°23	1°31	3°39	3°38	24° 2	4°30	24°28	25° 0	19°47	n.a.	T 6
F 7	16 51 10	10°43'55	17°22	6°41	7°23	3° 5	1°23	3°38	3°40	24° 4	4°29	24°27	24°57	19°53	n.a.	F 7
S 8	16 55 6	11°42'26	2♉ 3	7°53	7°35	3°46	1°16	3°36	3°43	24° 6	4°29	24°25	24°54	20° 0	n.a.	S 8
S 9	16 59 3	12°40'59	16°47	9° 2	7°49	4°28	1° 8	3°34	3°46	24° 9	4°29	24°24	24°51	20° 7	n.a.	S 9
M10	17 2 59	13°39'35	1♊28	10°10	8° 6	5° 9	1° 1	3°31	3°49	24°11	4°28	24°22	24°48	20°14	n.a.	M10
T 11	17 6 56	14°38'14	15°59	11°15	8°24	5°51	0°53	3°29	3°51	24°13	4°28	24°22	24°44	20°20	n.a.	T 11
W12	17 10 53	15°36'54	0♋14	12°18	8°44	6°33	0°46	3°27	3°54	24°15	4°28	24°D22	24°41	20°27	n.a.	W12
T 13	17 14 49	16°35'37	14° 8	13°19	9° 6	7°15	0°38	3°24	3°57	24°17	4°28	24°22	24°38	20°34	n.a.	T 13
F 14	17 18 46	17°34'21	27°39	14°17	9°30	7°57	0°31	3°22	4° 0	24°20	4°27	24°23	24°35	20°40	n.a.	F 14
S 15	17 22 42	18°33'08	10♌46	15°13	9°55	8°39	0°24	3°19	4° 3	24°22	4°27	24°23	24°32	20°47	n.a.	S 15
S 16	17 26 39	19°31'57	23°32	16° 5	10°22	9°22	0°17	3°16	4° 6	24°24	4°27	24°24	24°29	20°54	n.a.	S 16
M17	17 30 35	20°30'47	5♍58	16°54	10°51	10° 4	0°10	3°13	4° 9	24°26	4°27	24°24	24°25	21° 1	n.a.	M17
T 18	17 34 32	21°29'40	18° 9	17°40	11°21	10°46	0° 3	3°10	4°12	24°29	4°27	24°R24	24°22	21° 7	n.a.	T 18
W19	17 38 28	22°28'34	0♎10	18°22	11°53	11°29	29♏56	3° 7	4°15	24°31	4°D27	24°24	24°19	21°14	n.a.	W19
T 20	17 42 25	23°27'31	12° 4	19° 0	12°26	12°11	29°50	3° 4	4°18	24°33	4°27	24°24	24°16	21°21	n.a.	T 20
F 21	17 46 21	24°26'29	23°56	19°34	13° 0	12°54	29°43	3° 1	4°21	24°35	4°27	24°D24	24°13	21°27	n.a.	F 21
S 22	17 50 18	25°25'30	5♏50	20° 3	13°36	13°37	29°37	2°58	4°24	24°37	4°27	24°24	24° 9	21°34	n.a.	S 22
S 23	17 54 14	26°24'32	17°51	20°28	14°13	14°19	29°31	2°54	4°27	24°40	4°27	24°25	24° 6	21°41	n.a.	S 23
M24	17 58 11	27°23'37	0♐ 1	20°46	14°51	15° 2	29°24	2°51	4°30	24°42	4°27	24°25	24° 3	21°48	n.a.	M24
T 25	18 2 8	28°22'44	12°23	20°59	15°31	15°45	29°18	2°47	4°33	24°44	4°28	24°25	24° 0	21°54	n.a.	T 25
W26	18 6 4	29°21'54	24°58	21° 6	16°11	16°28	29°13	2°44	4°37	24°46	4°28	24°R25	23°57	22° 1	n.a.	W26
T 27	18 10 1	0♋21'05	7♑48	21°R 6	16°53	17°11	29° 7	2°40	4°40	24°49	4°28	24°25	23°54	22° 8	n.a.	T 27
F 28	18 13 57	1°20'19	20°53	20°59	17°36	17°55	29° 1	2°36	4°43	24°51	4°28	24°25	23°50	22°14	n.a.	F 28
S 29	18 17 54	2°19'35	4♒11	20°45	18°20	18°38	28°56	2°33	4°47	24°53	4°29	24°24	23°47	22°21	n.a.	S 29
S 30	18 21 50	3°18'54	17°43	20°23	19° 5	19°21	28°51	2°29	4°50	24°55	4°29	24°23	23°44	22°28	n.a.	S 30
M31	18 25 47	4♋18'15	1♓27	19♋53	19♉50	20♌ 4	28♏46	2♒25	4♌53	24♊58	4♎29	24♊21	23♊41	22♎35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n43	24s27	2s37	24n20	0n14	8n39	5s54	21n41	0n45	22s 0	0s50	22s11	2s25	20n45	0n50	24n43	0n45	4n25	6n52	24n 0	24n 2	3s24		n.a.
S 2	21 53	22 24	3 35	24 12	0 6	8 37	5 55	21 31	0 44	21 58	0 50	22 12	2 25	20 45	0 50	24 43	0 45	4 25	6 51	24 0	24 1	3 26		n.a.
M 3	22 4	19 6	4 23	24 4	0s 3	8 36	5 56	21 21	0 43	21 57	0 50	22 13	2 25	20 44	0 50	24 43	0 45	4 25	6 51	24 0	24 1	3 29		n.a.
T 4	22 14	14 42	4 57	23 54	0 11	8 37	5 57	21 11	0 42	21 55	0 51	22 13	2 26	20 43	0 50	24 43	0 45	4 25	6 51	24 0	24 1	3 32		n.a.
W 5	22 23	9 26	5 14	23 43	0 20	8 39	5 57	21 1	0 41	21 54	0 51	22 14	2 26	20 43	0 50	24 43	0 45	4 25	6 51	24 0	24 1	3 35		n.a.
T 6	22 32	3 35	5 13	23 32	0 28	8 42	5 57	20 50	0 40	21 52	0 51	22 15	2 26	20 42	0 50	24 43	0 45	4 25	6 50	24 0	24 1	3 38		n.a.
F 7	22 41	2n33	4 51	23 19	0 37	8 46	5 56	20 39	0 39	21 51	0 51	22 16	2 27	20 41	0 50	24 44	0 45	4 24	6 50	24 0	24 1	3 41		n.a.
S 8	22 49	8 37	4 11	23 6	0 46	8 51	5 55	20 28	0 38	21 49	0 51	22 16	2 27	20 41	0 50	24 44	0 45	4 24	6 50	24 0	24 1	3 44		n.a.
S 9	22 57	14 15	3 13	22 52	0 55	8 57	5 53	20 17	0 37	21 48	0 51	22 17	2 27	20 40	0 50	24 44	0 45	4 24	6 49	23 59	24 1	3 47		n.a.
M10	23 5	19 1	2 3	22 38	1 5	9 4	5 52	20 6	0 36	21 47	0 51	22 18	2 27	20 39	0 50	24 44	0 45	4 24	6 49	23 59	24 0	3 50		n.a.
T 11	23 12	22 35	0 46	22 24	1 14	9 12	5 50	19 55	0 35	21 45	0 51	22 19	2 28	20 39	0 50	24 44	0 45	4 24	6 49	23 59	24 0	3 53		n.a.
W12	23 19	24 39	0n32	22 9	1 23	9 20	5 47	19 43	0 35	21 44	0 52	22 20	2 28	20 38	0 50	24 44	0 45	4 24	6 48	23 59	24 0	3 56		n.a.
T 13	23 25	25 7	1 47	21 53	1 33	9 30	5 45	19 31	0 34	21 42	0 52	22 20	2 28	20 37	0 50	24 44	0 45	4 23	6 48	23 59	24 0	3 59		n.a.
F 14	23 31	24 4	2 54	21 38	1 42	9 40	5 42	19 19	0 33	21 41	0 52	22 21	2 29	20 36	0 50	24 44	0 45	4 23	6 48	23 59	24 0	4 2		n.a.
S 15	23 36	21 42	3 50	21 22	1 52	9 51	5 39	19 7	0 32	21 39	0 52	22 22	2 29	20 36	0 50	24 44	0 45	4 23	6 47	23 59	24 0	4 4		n.a.
S 16	23 41	18 19	4 32	21 6	2 1	10 3	5 36	18 54	0 31	21 38	0 52	22 23	2 29	20 35	0 50	24 44	0 45	4 23	6 47	24 0	24 0	4 7		n.a.
M17	23 46	14 13	5 1	20 51	2 11	10 15	5 32	18 42	0 30	21 36	0 52	22 24	2 29	20 34	0 50	24 45	0 45	4 22	6 47	24 0	24 0	4 10		n.a.
T 18	23 50	9 37	5 15	20 36	2 20	10 28	5 29	18 29	0 29	21 35	0 52	22 25	2 30	20 33	0 50	24 45	0 45	4 22	6 47	24 0	23 59	4 13		n.a.
W19	23 53	4 44	5 16	20 21	2 29	10 41	5 25	18 16	0 28	21 34	0 52	22 26	2 30	20 33	0 50	24 45	0 45	4 22	6 46	24 0	23 59	4 16		n.a.
T 20	23 57	0s17	5 2	20 7	2 39	10 55	5 21	18 3	0 27	21 32	0 52	22 27	2 30	20 32	0 50	24 45	0 45	4 22	6 46	24 0	23 59	4 19		n.a.
F 21	23 59	5 16	4 36	19 53	2 47	11 10	5 17	17 50	0 26	21 31	0 53	22 28	2 30	20 31	0 50	24 45	0 45	4 21	6 46	24 0	23 59	4 22		n.a.
S 22	24 2	10 6	3 58	19 40	2 56	11 25	5 12	17 36	0 25	21 29	0 53	22 29	2 31	20 30	0 50	24 45	0 45	4 21	6 45	24 0	23 59	4 25		n.a.
S 23	24 4	14 37	3 9	19 28	3 4	11 40	5 8	17 23	0 24	21 28	0 53	22 30	2 31	20 30	0 50	24 45	0 45	4 21	6 45	24 0	23 59	4 28		n.a.
M24	24 5	18 35	2 11	19 18	3 12	11 56	5 3	17 9	0 23	21 27	0 53	22 31	2 31	20 29	0 50	24 45	0 45	4 20	6 45	24 0	23 59	4 31		n.a.
T 25	24 6	21 49	1 6	19 9	3 19	12 12	4 58	16 55	0 22	21 26	0 53	22 32	2 31	20 28	0 50	24 45	0 45	4 20	6 44	24 0	23 58	4 34		n.a.
W26	24 7	24 4	0s 3	19 1	3 26	12 28	4 53	16 41	0 22	21 24	0 53	22 33	2 31	20 27	0 50	24 46	0 45	4 20	6 44	24 0	23 58	4 37		n.a.
T 27	24 7	25 6	1 14	18 56	3 31	12 45	4 48	16 27	0 21	21 23	0 53	22 34	2 32	20 26	0 50	24 46	0 45	4 19	6 44	24 0	23 58	4 40		n.a.
F 28	24 6	24 46	2 21	18 52	3 36	13 2	4 43	16 12	0 20	21 22	0 53	22 35	2 32	20 25	0 50	24 46	0 45	4 19	6 43	24 0	23 58	4 42		n.a.
S 29	24 5	23 2	3 23	18 50	3 40	13 19	4 38	15 58	0 19	21 21	0 53	22 37	2 32	20 25	0 50	24 46	0 45	4 18	6 43	23 59	23 58	4 45		n.a.
S 30	24 4	19 58	4 14	18 51	3 43	13 37	4 33	15 43	0 18	21 20	0 53	22 38	2 32	20 24	0 50	24 46	0 45	4 18	6 43	23 59	23 58	4 48		n.a.
M31	24n 2	15s47	4s52	18n54	3s44	13n54	4s28	15n28	0n17	21s18	0s53	22s39	2s33	20n23	0n50	24n46	0n45	4n18	6n42	23n59	23n58	4s51		n.a.

Julian Day Number = 202164.5, Delta T = 32h08m11s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'07, Lahiri = -61°06'07 Julian Calendar 1 July 4160 BCE == Greg. Calendar 29 May 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

AUGUST 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 29 43	5♋17'39	15♓20	19°R16	20♉37	20♌48	28°R41	2°R21	4♌57	25♊ 0	4♎30	24°R21	23♊38	22♎41	n.a.	T 1
W 2	18 33 40	6°17'05	29°23	18♋31	21°25	21°31	28♏36	2♒16	5° 0	25° 2	4°30	24♊20	23°35	22°48	n.a.	W 2
T 3	18 37 36	7°16'34	13♈33	17°39	22°13	22°15	28°31	2°12	5° 4	25° 4	4°31	24°D20	23°31	22°55	n.a.	T 3
F 4	18 41 33	8°16'05	27°48	16°41	23° 2	22°59	28°27	2° 8	5° 7	25° 6	4°31	24°20	23°28	23° 1	n.a.	F 4
S 5	18 45 29	9°15'39	12♉ 5	15°37	23°52	23°43	28°22	2° 4	5°10	25° 9	4°32	24°22	23°25	23° 8	n.a.	S 5
S 6	18 49 26	10°15'16	26°22	14°29	24°43	24°26	28°18	1°59	5°14	25°11	4°32	24°23	23°22	23°15	n.a.	S 6
M 7	18 53 22	11°14'55	10♊35	13°18	25°35	25°10	28°14	1°55	5°18	25°13	4°33	24°24	23°19	23°21	n.a.	M 7
T 8	18 57 19	12°14'37	24°40	12° 7	26°27	25°54	28°11	1°51	5°21	25°15	4°33	24°R24	23°15	23°28	n.a.	T 8
W 9	19 1 16	13°14'21	8♋35	10°56	27°20	26°38	28° 7	1°46	5°25	25°17	4°34	24°24	23°12	23°35	n.a.	W 9
T 10	19 5 12	14°14'07	22°14	9°49	28°14	27°22	28° 4	1°41	5°28	25°19	4°35	24°22	23° 9	23°42	n.a.	T 10
F 11	19 9 9	15°13'56	5♌36	8°47	29° 8	28° 7	28° 1	1°37	5°32	25°22	4°35	24°19	23° 6	23°48	n.a.	F 11
S 12	19 13 5	16°13'47	18°39	7°51	0♊ 3	28°51	27°58	1°32	5°35	25°24	4°36	24°16	23° 3	23°55	n.a.	S 12
S 13	19 17 2	17°13'39	1♍24	7° 4	0°59	29°35	27°55	1°27	5°39	25°26	4°37	24°13	23° 0	24° 2	n.a.	S 13
M14	19 20 58	18°13'34	13°51	6°27	1°55	0♍20	27°52	1°23	5°43	25°28	4°38	24° 9	22°56	24° 8	n.a.	M14
T 15	19 24 55	19°13'30	26° 3	6° 0	2°51	1° 4	27°50	1°18	5°46	25°30	4°39	24° 6	22°53	24°15	n.a.	T 15
W16	19 28 51	20°13'29	8♎ 3	5°44	3°49	1°49	27°48	1°13	5°50	25°32	4°39	24° 4	22°50	24°22	n.a.	W16
T 17	19 32 48	21°13'29	19°57	5°D39	4°46	2°33	27°46	1° 8	5°54	25°34	4°40	24°D 3	22°47	24°29	n.a.	T 17
F 18	19 36 44	22°13'31	1♏49	5°46	5°44	3°18	27°44	1° 4	5°57	25°36	4°41	24° 4	22°44	24°35	n.a.	F 18
S 19	19 40 41	23°13'36	13°43	6° 3	6°43	4° 2	27°42	0°59	6° 1	25°38	4°42	24° 5	22°41	24°42	n.a.	S 19
S 20	19 44 37	24°13'42	25°44	6°31	7°42	4°47	27°41	0°54	6° 5	25°40	4°43	24° 7	22°37	24°49	n.a.	S 20
M21	19 48 34	25°13'50	7♐58	7° 8	8°42	5°32	27°40	0°49	6° 9	25°42	4°44	24° 9	22°34	24°55	n.a.	M21
T 22	19 52 30	26°14'00	20°27	7°53	9°42	6°17	27°39	0°44	6°12	25°44	4°45	24°R10	22°31	25° 2	n.a.	T 22
W23	19 56 27	27°14'12	3♑15	8°46	10°43	7° 2	27°38	0°39	6°16	25°46	4°46	24° 9	22°28	25° 9	n.a.	W23
T 24	20 0 24	28°14'26	16°23	9°47	11°44	7°47	27°37	0°34	6°20	25°48	4°47	24° 7	22°25	25°15	n.a.	T 24
F 25	20 4 20	29°14'42	29°51	10°53	12°45	8°32	27°37	0°29	6°24	25°50	4°49	24° 4	22°21	25°22	n.a.	F 25
S 26	20 8 17	0♌14'59	13♒37	12° 5	13°47	9°17	27°D37	0°24	6°27	25°52	4°50	23°59	22°18	25°29	n.a.	S 26
S 27	20 12 13	1°15'19	27°37	13°22	14°49	10° 2	27°37	0°19	6°31	25°54	4°51	23°53	22°15	25°36	n.a.	S 27
M28	20 16 10	2°15'41	11♓48	14°43	15°52	10°47	27°37	0°14	6°35	25°56	4°52	23°47	22°12	25°42	n.a.	M28
T 29	20 20 6	3°16'06	26° 4	16° 7	16°55	11°33	27°38	0° 9	6°39	25°58	4°53	23°41	22° 9	25°49	n.a.	T 29
W30	20 24 3	4°16'32	10♈21	17°33	17°58	12°18	27°38	0° 4	6°42	26° 0	4°55	23°37	22° 6	25°56	n.a.	W30
T 31	20 27 59	5♌17'00	24♈36	19♋ 3	19♊ 2	13♍ 3	27♏39	29♑59	6♌46	26♊ 2	4♎56	23♊35	22♊ 2	26♎ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	24n 0	10s42	5s12	19n 0	3s44	14n12	4s22	15n13	0n16	21s17	0s53	22s40	2s33	20n22	0n50	24n46	0n45	4n17	6n42	23n59	23n57	4s54			n.a.
W 2	23 57	5 3	5 15	19 8	3 42	14 30	4 17	14 58	0 15	21 16	0 53	22 41	2 33	20 21	0 50	24 46	0 45	4 17	6 42	23 59	23 57	4 57			n.a.
T 3	23 54	0n55	4 59	19 19	3 38	14 48	4 11	14 43	0 14	21 15	0 53	22 42	2 33	20 20	0 50	24 46	0 45	4 16	6 41	23 59	23 57	5 0			n.a.
F 4	23 51	6 53	4 24	19 32	3 32	15 6	4 6	14 27	0 13	21 14	0 53	22 44	2 33	20 19	0 50	24 47	0 45	4 16	6 41	23 59	23 57	5 3			n.a.
S 5	23 47	12 31	3 33	19 48	3 24	15 24	4 0	14 11	0 12	21 13	0 53	22 45	2 34	20 18	0 49	24 47	0 45	4 15	6 41	23 59	23 57	5 6			n.a.
S 6	23 42	17 29	2 29	20 6	3 14	15 42	3 54	13 56	0 12	21 12	0 53	22 46	2 34	20 18	0 49	24 47	0 45	4 15	6 40	23 59	23 57	5 9			n.a.
M 7	23 37	21 25	1 16	20 25	3 1	16 0	3 48	13 40	0 11	21 12	0 53	22 47	2 34	20 17	0 49	24 47	0 45	4 14	6 40	23 59	23 56	5 12			n.a.
T 8	23 32	24 2	0n 2	20 46	2 47	16 18	3 43	13 24	0 10	21 11	0 53	22 48	2 34	20 16	0 49	24 47	0 45	4 14	6 40	24 0	23 56	5 15			n.a.
W 9	23 26	25 7	1 17	21 8	2 31	16 36	3 37	13 7	0 9	21 10	0 53	22 50	2 34	20 15	0 49	24 47	0 45	4 13	6 40	23 59	23 56	5 18			n.a.
T 10	23 20	24 39	2 27	21 31	2 14	16 54	3 31	12 51	0 8	21 9	0 53	22 51	2 34	20 14	0 49	24 47	0 45	4 12	6 39	23 59	23 56	5 21			n.a.
F 11	23 13	22 45	3 28	21 54	1 56	17 12	3 25	12 35	0 7	21 8	0 53	22 52	2 34	20 13	0 49	24 47	0 45	4 12	6 39	23 59	23 56	5 23			n.a.
S 12	23 6	19 42	4 16	22 16	1 36	17 29	3 19	12 18	0 6	21 8	0 53	22 53	2 35	20 12	0 49	24 47	0 45	4 11	6 39	23 59	23 56	5 26			n.a.
S 13	22 58	15 46	4 50	22 39	1 17	17 47	3 13	12 1	0 5	21 7	0 53	22 54	2 35	20 11	0 49	24 47	0 46	4 11	6 38	23 59	23 55	5 29			n.a.
M14	22 50	11 15	5 9	23 0	0 57	18 4	3 7	11 44	0 5	21 7	0 53	22 56	2 35	20 10	0 49	24 48	0 46	4 10	6 38	23 59	23 55	5 32			n.a.
T 15	22 41	6 23	5 14	23 21	0 38	18 21	3 2	11 27	0 4	21 6	0 54	22 57	2 35	20 9	0 49	24 48	0 46	4 9	6 38	23 59	23 55	5 35			n.a.
W16	22 32	1 22	5 5	23 40	0 19	18 38	2 56	11 10	0 3	21 6	0 54	22 58	2 35	20 8	0 49	24 48	0 46	4 9	6 37	23 59	23 55	5 38			n.a.
T 17	22 23	3s40	4 43	23 58	0 1	18 55	2 50	10 53	0 2	21 5	0 54	22 59	2 35	20 7	0 49	24 48	0 46	4 8	6 37	23 59	23 55	5 41			n.a.
F 18	22 13	8 34	4 8	24 15	0n15	19 11	2 44	10 36	0 1	21 5	0 54	23 0	2 35	20 6	0 49	24 48	0 46	4 8	6 37	23 59	23 54	5 44			n.a.
S 19	22 3	13 10	3 24	24 29	0 31	19 27	2 38	10 18	0 0	21 4	0 53	23 2	2 35	20 5	0 49	24 48	0 46	4 7	6 36	23 59	23 54	5 47			n.a.
S 20	21 52	17 19	2 29	24 42	0 45	19 43	2 32	10 1	0s 1	21 4	0 53	23 3	2 36	20 4	0 49	24 48	0 46	4 6	6 36	23 59	23 54	5 50			n.a.
M21	21 41	20 49	1 27	24 53	0 58	19 58	2 26	9 43	0 1	21 4	0 53	23 4	2 36	20 4	0 49	24 48	0 46	4 5	6 36	23 59	23 54	5 53			n.a.
T 22	21 30	23 25	0 20	25 2	1 10	20 13	2 20	9 25	0 2	21 3	0 53	23 5	2 36	20 3	0 49	24 48	0 46	4 5	6 36	23 59	23 54	5 56			n.a.
W23	21 18	24 54	0s49	25 9	1 20	20 28	2 14	9 8	0 3	21 3	0 53	23 6	2 36	20 2	0 49	24 48	0 46	4 4	6 35	23 59	23 54	5 59			n.a.
T 24	21 6	25 2	1 58	25 14	1 29	20 43	2 8	8 50	0 4	21 3	0 53	23 8	2 36	20 1	0 49	24 48	0 46	4 3	6 35	23 59	23 53	6 2			n.a.
F 25	20 53	23 43	3 2	25 16	1 37	20 57	2 2	8 32	0 5	21 3	0 53	23 9	2 36	20 0	0 49	24 49	0 46	4 3	6 35	23 59	23 53	6 4			n.a.
S 26	20 40	20 58	3 57	25 16	1 44	21 10	1 57	8 13	0 6	21 3	0 53	23 10	2 36	19 59	0 49	24 49	0 46	4 2	6 34	23 58	23 53	6 7			n.a.
S 27	20 26	16 58	4 38	25 14	1 49	21 23	1 51	7 55	0 6	21 3	0 53	23 11	2 36	19 58	0 49	24 49	0 46	4 1	6 34	23 58	23 53	6 10			n.a.
M28	20 13	11 59	5 3	25 10	1 54	21 36	1 45	7 37	0 7	21 3	0 53	23 12	2 36	19 57	0 49	24 49	0 46	4 0	6 34	23 58	23 53	6 13			n.a.
T 29	19 58	6 19	5 9	25 3	1 57	21 48	1 39	7 18	0 8	21 3	0 53	23 13	2 36	19 56	0 49	24 49	0 46	4 0	6 34	23 58	23 52	6 16			n.a.
W30	19 44	0 19	4 57	24 54	2 0	22 0	1 34	7 0	0 9	21 3	0 53	23 15	2 36	19 55	0 49	24 49	0 46	3 59	6 33	23 57	23 52	6 19			n.a.
T 31	19n29	5n41	4s26	24n43	2n 1	22n11	1s28	6n41	0s10	21s 3	0s53	23s16	2s36	19n54	0n49	24n49	0n46	3n58	6n33	23n57	23n52	6s22			n.a.

Julian Day Number = 202195.5, Delta T = 32h08m07s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°13'03, Lahiri = -61°06'03 Julian Calendar 1 Aug. 4160 BCE == Greg. Calendar 29 June 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

SEPTEMBER 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 31 56	6♌17'31	8♉46	20♋34	20♊ 6	13♍49	27♏40	29°R55	6♌50	26♊ 3	4♎57	23°D34	21♊59	26♎ 9	n.a.	F 1
S 2	20 35 52	7°18'04	22°49	22° 7	21°10	14°34	27°41	29♑50	6°54	26° 5	4°59	23♊35	21°56	26°16	n.a.	S 2
S 3	20 39 49	8°18'39	6♊44	23°41	22°15	15°20	27°43	29°45	6°58	26° 7	5° 0	23°36	21°53	26°22	n.a.	S 3
M 4	20 43 45	9°19'17	20°30	25°16	23°20	16° 5	27°44	29°40	7° 1	26° 9	5° 2	23°R37	21°50	26°29	n.a.	M 4
T 5	20 47 42	10°19'56	4♋ 8	26°51	24°25	16°51	27°46	29°35	7° 5	26°10	5° 3	23°37	21°47	26°36	n.a.	T 5
W 6	20 51 39	11°20'38	17°36	28°28	25°31	17°37	27°48	29°30	7° 9	26°12	5° 4	23°34	21°43	26°43	n.a.	W 6
T 7	20 55 35	12°21'21	0♌53	0♌ 5	26°36	18°23	27°50	29°26	7°13	26°14	5° 6	23°29	21°40	26°49	n.a.	T 7
F 8	20 59 32	13°22'06	13°57	1°42	27°42	19° 8	27°53	29°21	7°16	26°16	5° 7	23°22	21°37	26°56	n.a.	F 8
S 9	21 3 28	14°22'53	26°48	3°19	28°49	19°54	27°55	29°16	7°20	26°17	5° 9	23°13	21°34	27° 3	n.a.	S 9
S 10	21 7 25	15°23'41	9♍24	4°56	29°55	20°40	27°58	29°12	7°24	26°19	5°11	23° 3	21°31	27° 9	n.a.	S 10
M11	21 11 21	16°24'31	21°47	6°34	1♋ 2	21°26	28° 1	29° 7	7°28	26°20	5°12	22°52	21°27	27°16	n.a.	M11
T 12	21 15 18	17°25'22	3♎56	8°11	2° 9	22°12	28° 5	29° 2	7°31	26°22	5°14	22°43	21°24	27°23	n.a.	T 12
W13	21 19 14	18°26'14	15°56	9°49	3°17	22°58	28° 8	28°58	7°35	26°24	5°15	22°36	21°21	27°29	n.a.	W13
T 14	21 23 11	19°27'08	27°48	11°26	4°24	23°44	28°12	28°53	7°39	26°25	5°17	22°31	21°18	27°36	n.a.	T 14
F 15	21 27 7	20°28'03	9♏37	13° 3	5°32	24°30	28°15	28°49	7°43	26°27	5°19	22°28	21°15	27°43	n.a.	F 15
S 16	21 31 4	21°29'00	21°29	14°40	6°40	25°16	28°19	28°45	7°46	26°28	5°20	22°D27	21°12	27°50	n.a.	S 16
S 17	21 35 1	22°29'57	3♐28	16°16	7°49	26° 3	28°24	28°40	7°50	26°29	5°22	22°28	21° 8	27°56	n.a.	S 17
M18	21 38 57	23°30'56	15°40	17°53	8°57	26°49	28°28	28°36	7°54	26°31	5°24	22°29	21° 5	28° 3	n.a.	M18
T 19	21 42 54	24°31'56	28°10	19°29	10° 6	27°35	28°32	28°32	7°57	26°32	5°26	22°R29	21° 2	28°10	n.a.	T 19
W20	21 46 50	25°32'57	11♑ 2	21° 5	11°14	28°22	28°37	28°28	8° 1	26°34	5°27	22°27	20°59	28°16	n.a.	W20
T 21	21 50 47	26°34'00	24°19	22°41	12°23	29° 8	28°42	28°24	8° 5	26°35	5°29	22°23	20°56	28°23	n.a.	T 21
F 22	21 54 43	27°35'03	8♒ 2	24°16	13°33	29°54	28°47	28°20	8° 8	26°36	5°31	22°16	20°53	28°30	n.a.	F 22
S 23	21 58 40	28°36'07	22° 9	25°52	14°42	0♎41	28°52	28°16	8°12	26°38	5°33	22° 7	20°49	28°36	n.a.	S 23
S 24	22 2 36	29°37'13	6♓36	27°27	15°52	1°27	28°58	28°12	8°16	26°39	5°35	21°56	20°46	28°43	n.a.	S 24
M25	22 6 33	0♍38'19	21°16	29° 2	17° 1	2°14	29° 3	28° 8	8°19	26°40	5°37	21°45	20°43	28°50	n.a.	M25
T 26	22 10 29	1°39'27	6♈ 2	0♍37	18°11	3° 0	29° 9	28° 4	8°23	26°41	5°38	21°35	20°40	28°57	n.a.	T 26
W27	22 14 26	2°40'36	20°44	2°12	19°21	3°47	29°15	28° 1	8°26	26°42	5°40	21°27	20°37	29° 3	n.a.	W27
T 28	22 18 23	3°41'47	5♉17	3°47	20°32	4°33	29°21	27°57	8°30	26°43	5°42	21°21	20°33	29°10	n.a.	T 28
F 29	22 22 19	4°42'59	19°36	5°22	21°42	5°20	29°28	27°54	8°33	26°45	5°44	21°18	20°30	29°17	n.a.	F 29
S 30	22 26 16	5♍44'12	3♊38	6♍56	22♋53	6♎ 7	29♏34	27♑51	8♌37	26♊46	5♎46	21°D17	20♊27	29♎23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n13	11n23	3s39	24n30	2n 2	22n22	1s22	6n23	0s11	21s 3	0s53	23s17	2s36	19n53	0n49	24n49	0n46	3n57	6n33	23n57	23n52	6s25		n.a.
S 2	18 58	16 26	2 39	24 15	2 3	22 32	1 17	6 4	0 11	21 4	0 53	23 18	2 36	19 52	0 49	24 49	0 46	3 56	6 32	23 57	23 52	6 28		n.a.
S 3	18 42	20 34	1 30	23 59	2 2	22 42	1 11	5 45	0 12	21 4	0 53	23 19	2 36	19 51	0 49	24 49	0 46	3 56	6 32	23 57	23 51	6 31		n.a.
M 4	18 25	23 29	0 17	23 40	2 1	22 51	1 6	5 26	0 13	21 4	0 53	23 20	2 36	19 50	0 49	24 49	0 46	3 55	6 32	23 57	23 51	6 34		n.a.
T 5	18 9	24 59	0n56	23 20	1 59	22 59	1 0	5 7	0 14	21 5	0 53	23 21	2 36	19 49	0 49	24 50	0 46	3 54	6 32	23 57	23 51	6 37		n.a.
W 6	17 52	25 0	2 6	22 58	1 57	23 7	0 55	4 48	0 15	21 5	0 53	23 22	2 36	19 48	0 49	24 50	0 46	3 53	6 31	23 57	23 51	6 40		n.a.
T 7	17 34	23 33	3 7	22 34	1 55	23 14	0 50	4 29	0 15	21 6	0 53	23 23	2 36	19 47	0 49	24 50	0 46	3 52	6 31	23 57	23 51	6 43		n.a.
F 8	17 17	20 52	3 57	22 9	1 52	23 21	0 45	4 10	0 16	21 6	0 53	23 24	2 36	19 46	0 49	24 50	0 46	3 51	6 31	23 57	23 50	6 45		n.a.
S 9	16 59	17 12	4 34	21 43	1 48	23 27	0 39	3 51	0 17	21 7	0 53	23 25	2 36	19 45	0 49	24 50	0 46	3 51	6 31	23 56	23 50	6 48		n.a.
S 10	16 40	12 49	4 57	21 15	1 45	23 33	0 34	3 32	0 18	21 7	0 53	23 26	2 36	19 44	0 49	24 50	0 46	3 50	6 30	23 56	23 50	6 51		n.a.
M11	16 22	8 0	5 5	20 46	1 40	23 37	0 29	3 12	0 19	21 8	0 53	23 27	2 36	19 43	0 49	24 50	0 46	3 49	6 30	23 55	23 50	6 54		n.a.
T 12	16 3	2 57	5 0	20 16	1 36	23 42	0 24	2 53	0 19	21 9	0 53	23 28	2 36	19 42	0 49	24 50	0 46	3 48	6 30	23 54	23 50	6 57		n.a.
W13	15 44	2s 8	4 41	19 45	1 32	23 45	0 19	2 34	0 20	21 10	0 53	23 29	2 36	19 41	0 49	24 50	0 46	3 47	6 30	23 54	23 49	7 0		n.a.
T 14	15 24	7 6	4 10	19 13	1 27	23 48	0 14	2 14	0 21	21 10	0 53	23 30	2 36	19 40	0 49	24 50	0 46	3 46	6 29	23 54	23 49	7 3		n.a.
F 15	15 4	11 49	3 28	18 40	1 22	23 50	0 10	1 55	0 22	21 11	0 53	23 31	2 36	19 39	0 49	24 50	0 46	3 45	6 29	23 54	23 49	7 6		n.a.
S 16	14 44	16 6	2 38	18 6	1 16	23 52	0 5	1 35	0 22	21 12	0 53	23 32	2 36	19 38	0 49	24 50	0 47	3 44	6 29	23 54	23 49	7 9		n.a.
S 17	14 24	19 48	1 40	17 32	1 11	23 52	0 0	1 16	0 23	21 13	0 53	23 33	2 36	19 37	0 49	24 50	0 47	3 43	6 29	23 54	23 49	7 12		n.a.
M18	14 3	22 43	0 36	16 56	1 5	23 53	0n 4	0 56	0 24	21 14	0 53	23 33	2 36	19 36	0 49	24 51	0 47	3 43	6 28	23 54	23 48	7 15		n.a.
T 19	13 43	24 36	0s30	16 20	1 0	23 52	0 9	0 37	0 25	21 15	0 53	23 34	2 36	19 35	0 49	24 51	0 47	3 42	6 28	23 54	23 48	7 18		n.a.
W20	13 22	25 15	1 37	15 43	0 54	23 51	0 13	0 17	0 25	21 16	0 53	23 35	2 35	19 34	0 49	24 51	0 47	3 41	6 28	23 54	23 48	7 21		n.a.
T 21	13 0	24 30	2 41	15 5	0 48	23 49	0 18	0s 2	0 26	21 17	0 53	23 36	2 35	19 33	0 49	24 51	0 47	3 40	6 28	23 53	23 48	7 24		n.a.
F 22	12 39	22 16	3 37	14 27	0 42	23 46	0 22	0 22	0 27	21 18	0 53	23 36	2 35	19 32	0 49	24 51	0 47	3 39	6 27	23 53	23 47	7 26		n.a.
S 23	12 17	18 38	4 22	13 49	0 36	23 43	0 26	0 42	0 27	21 19	0 53	23 37	2 35	19 31	0 49	24 51	0 47	3 38	6 27	23 52	23 47	7 29		n.a.
S 24	11 55	13 49	4 51	13 9	0 29	23 38	0 30	1 1	0 28	21 21	0 53	23 38	2 35	19 30	0 49	24 51	0 47	3 37	6 27	23 52	23 47	7 32		n.a.
M25	11 33	8 9	5 2	12 30	0 23	23 34	0 34	1 21	0 29	21 22	0 52	23 39	2 35	19 29	0 50	24 51	0 47	3 36	6 27	23 51	23 47	7 35		n.a.
T 26	11 11	2 0	4 52	11 49	0 17	23 28	0 38	1 41	0 30	21 23	0 52	23 39	2 35	19 29	0 50	24 51	0 47	3 35	6 27	23 50	23 47	7 38		n.a.
W27	10 48	4n15	4 24	11 9	0 10	23 22	0 42	2 0	0 30	21 24	0 52	23 40	2 35	19 28	0 50	24 51	0 47	3 34	6 26	23 50	23 46	7 41		n.a.
T 28	10 26	10 14	3 38	10 28	0 4	23 15	0 46	2 20	0 31	21 26	0 52	23 40	2 35	19 27	0 50	24 51	0 47	3 33	6 26	23 49	23 46	7 44		n.a.
F 29	10 3	15 34	2 40	9 46	0s 2	23 7	0 49	2 40	0 32	21 27	0 52	23 41	2 34	19 26	0 50	24 51	0 47	3 32	6 26	23 49	23 46	7 47		n.a.
S 30	9n40	19n58	1s32	9n 5	0s 9	22n59	0n53	2s59	0s32	21s29	0s52	23s42	2s34	19n25	0n50	24n51	0n47	3n31	6n26	23n49	23n46	7s50		n.a.

Julian Day Number = 202226.5, Delta T = 32h08m04s
Ecliptic obliquity = 24°06'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'59, Lahiri = -61°05'59 Julian Calendar 1 Sept. 4160 BCE == Greg. Calendar 30 July 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

OCTOBER 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 30 12	6♍45'26	17♊25	8♍31	24♋ 3	6♎53	29♏41	27°R47	8♌40	26♊47	5♎48	21°R18	20♊24	29♎30	n.a.	S 1
M 2	22 34 9	7°46'42	0♋56	10° 5	25°14	7°40	29°48	27♉44	8°44	26°48	5°50	21♊17	20°21	29°37	n.a.	M 2
T 3	22 38 5	8°47'59	14°13	11°39	26°25	8°27	29°54	27°41	8°47	26°49	5°52	21°15	20°18	29°43	n.a.	T 3
W 4	22 42 2	9°49'17	27°19	13°14	27°36	9°14	0♐ 2	27°38	8°50	26°50	5°54	21°11	20°14	29°50	n.a.	W 4
T 5	22 45 59	10°50'36	10♌13	14°48	28°48	10° 0	0° 9	27°35	8°54	26°51	5°56	21° 3	20°11	29°57	n.a.	T 5
F 6	22 49 55	11°51'56	22°56	16°23	29°59	10°47	0°16	27°32	8°57	26°51	5°58	20°52	20° 8	0♏ 3	n.a.	F 6
S 7	22 53 52	12°53'16	5♍30	17°57	1♌11	11°34	0°24	27°30	9° 0	26°52	6° 0	20°39	20° 5	0°10	n.a.	S 7
S 8	22 57 48	13°54'37	17°53	19°32	2°22	12°21	0°32	27°27	9° 4	26°53	6° 2	20°25	20° 2	0°17	n.a.	S 8
M 9	23 1 45	14°55'59	0♎ 6	21° 6	3°34	13° 8	0°40	27°25	9° 7	26°54	6° 5	20°10	19°58	0°24	n.a.	M 9
T 10	23 5 41	15°57'21	12° 9	22°41	4°46	13°55	0°48	27°22	9°10	26°55	6° 7	19°56	19°55	0°30	n.a.	T 10
W11	23 9 38	16°58'44	24° 5	24°15	5°58	14°42	0°56	27°20	9°13	26°55	6° 9	19°44	19°52	0°37	n.a.	W11
T 12	23 13 34	18° 0'07	5♏55	25°50	7°10	15°29	1° 4	27°18	9°17	26°56	6°11	19°36	19°49	0°44	n.a.	T 12
F 13	23 17 31	19° 1'30	17°43	27°25	8°22	16°16	1°13	27°16	9°20	26°57	6°13	19°30	19°46	0°50	n.a.	F 13
S 14	23 21 28	20° 2'54	29°32	28°59	9°34	17° 3	1°21	27°14	9°23	26°57	6°15	19°27	19°43	0°57	n.a.	S 14
S 15	23 25 24	21° 4'18	11♐28	0♎34	10°46	17°50	1°30	27°12	9°26	26°58	6°17	19°26	19°39	1° 4	n.a.	S 15
M16	23 29 21	22° 5'41	23°35	2° 9	11°59	18°37	1°39	27°10	9°29	26°58	6°19	19°26	19°36	1°10	n.a.	M16
T 17	23 33 17	23° 7'05	6♉ 0	3°44	13°11	19°24	1°48	27° 8	9°32	26°59	6°22	19°25	19°33	1°17	n.a.	T 17
W18	23 37 14	24° 8'29	18°48	5°19	14°24	20°11	1°57	27° 7	9°35	26°59	6°24	19°23	19°30	1°24	n.a.	W18
T 19	23 41 10	25° 9'53	2♒ 3	6°53	15°36	20°58	2° 6	27° 5	9°38	27° 0	6°26	19°19	19°27	1°30	n.a.	T 19
F 20	23 45 7	26°11'16	15°48	8°28	16°49	21°45	2°16	27° 4	9°41	27° 0	6°28	19°12	19°24	1°37	n.a.	F 20
S 21	23 49 4	27°12'40	0♓ 2	10° 2	18° 2	22°32	2°25	27° 3	9°44	27° 1	6°30	19° 3	19°20	1°44	n.a.	S 21
S 22	23 53 0	28°14'03	14°42	11°37	19°15	23°20	2°35	27° 2	9°47	27° 1	6°32	18°51	19°17	1°51	n.a.	S 22
M23	23 56 57	29°15'26	29°41	13°11	20°27	24° 7	2°45	27° 1	9°49	27° 1	6°35	18°39	19°14	1°57	n.a.	M23
T 24	0 0 53	0♎16'49	14♈50	14°44	21°40	24°54	2°55	27° 0	9°52	27° 1	6°37	18°28	19°11	2° 4	n.a.	T 24
W25	0 4 50	1°18'12	29°57	16°17	22°54	25°41	3° 5	26°59	9°55	27° 2	6°39	18°19	19° 8	2°11	n.a.	W25
T 26	0 8 46	2°19'36	14♉54	17°50	24° 7	26°28	3°15	26°58	9°58	27° 2	6°41	18°13	19° 4	2°17	n.a.	T 26
F 27	0 12 43	3°20'59	29°33	19°21	25°20	27°15	3°25	26°58	10° 0	27° 2	6°43	18° 9	19° 1	2°24	n.a.	F 27
S 28	0 16 40	4°22'23	13♊49	20°52	26°33	28° 3	3°36	26°57	10° 3	27° 2	6°46	18°D 8	18°58	2°31	n.a.	S 28
S 29	0 20 36	5°23'46	27°42	22°21	27°46	28°50	3°46	26°57	10° 5	27° 2	6°48	18° 8	18°55	2°37	n.a.	S 29
M30	0 24 33	6°25'10	11♋12	23°49	29° 0	29°37	3°57	26°57	10° 8	27° 2	6°50	18°R 8	18°52	2°44	n.a.	M30
T 31	0 28 29	7♎26'34	24♋23	25♎14	0♍13	0♏24	4♐ 7	26°D57	10♌10	27°R 2	6♎52	18♊ 7	18♊49	2♏51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	9n17	23n10	0s21	8n23	0s15	22n50	0n56	3s19	0s33	21s30	0s52	23s42	2s34	19n24	0n50	24n51	0n47	3n30	6n25	23n49	23n45	7s53			n.a.
M 2	8 53	24 57	0n51	7 41	0 21	22 40	1 0	3 38	0 34	21 31	0 52	23 43	2 34	19 23	0 50	24 52	0 47	3 29	6 25	23 49	23 45	7 56			n.a.
T 3	8 30	25 17	1 58	6 58	0 27	22 30	1 3	3 58	0 34	21 33	0 52	23 43	2 34	19 22	0 50	24 52	0 47	3 28	6 25	23 49	23 45	7 59			n.a.
W 4	8 6	24 11	2 58	6 15	0 34	22 18	1 6	4 17	0 35	21 35	0 52	23 44	2 34	19 21	0 50	24 52	0 47	3 27	6 25	23 49	23 45	8 1			n.a.
T 5	7 42	21 49	3 48	5 32	0 40	22 7	1 9	4 37	0 36	21 36	0 52	23 44	2 33	19 20	0 50	24 52	0 47	3 26	6 25	23 48	23 44	8 4			n.a.
F 6	7 18	18 25	4 25	4 49	0 46	21 54	1 12	4 56	0 36	21 38	0 52	23 44	2 33	19 19	0 50	24 52	0 47	3 25	6 25	23 47	23 44	8 7			n.a.
S 7	6 54	14 13	4 49	4 6	0 52	21 41	1 15	5 16	0 37	21 39	0 52	23 45	2 33	19 19	0 50	24 52	0 47	3 24	6 24	23 46	23 44	8 10			n.a.
S 8	6 30	9 29	4 59	3 23	0 58	21 27	1 18	5 35	0 38	21 41	0 52	23 45	2 33	19 18	0 50	24 52	0 47	3 23	6 24	23 45	23 44	8 13			n.a.
M 9	6 6	4 27	4 55	2 40	1 3	21 13	1 21	5 55	0 38	21 43	0 52	23 46	2 33	19 17	0 50	24 52	0 47	3 22	6 24	23 44	23 43	8 16			n.a.
T 10	5 41	0s42	4 38	1 56	1 9	20 57	1 23	6 14	0 39	21 44	0 52	23 46	2 33	19 16	0 50	24 52	0 47	3 21	6 24	23 43	23 43	8 19			n.a.
W11	5 17	5 46	4 8	1 13	1 14	20 42	1 26	6 33	0 40	21 46	0 52	23 46	2 32	19 15	0 50	24 52	0 47	3 20	6 24	23 42	23 43	8 22			n.a.
T 12	4 52	10 36	3 28	0 29	1 20	20 25	1 28	6 52	0 40	21 48	0 52	23 46	2 32	19 14	0 50	24 52	0 47	3 19	6 24	23 42	23 43	8 25			n.a.
F 13	4 28	15 3	2 39	0s14	1 25	20 8	1 31	7 12	0 41	21 50	0 52	23 47	2 32	19 13	0 50	24 52	0 48	3 18	6 23	23 41	23 42	8 28			n.a.
S 14	4 3	18 56	1 43	0 57	1 30	19 51	1 33	7 31	0 41	21 51	0 52	23 47	2 32	19 13	0 50	24 52	0 48	3 17	6 23	23 41	23 42	8 31			n.a.
S 15	3 38	22 6	0 42	1 40	1 35	19 32	1 35	7 50	0 42	21 53	0 52	23 47	2 32	19 12	0 50	24 52	0 48	3 16	6 23	23 41	23 42	8 34			n.a.
M16	3 13	24 19	0s22	2 23	1 39	19 14	1 37	8 9	0 43	21 55	0 52	23 47	2 31	19 11	0 50	24 52	0 48	3 15	6 23	23 41	23 42	8 36			n.a.
T 17	2 48	25 25	1 27	3 6	1 44	18 54	1 39	8 28	0 43	21 57	0 52	23 47	2 31	19 10	0 50	24 52	0 48	3 14	6 23	23 41	23 41	8 39			n.a.
W18	2 23	25 12	2 29	3 48	1 48	18 34	1 41	8 47	0 44	21 59	0 52	23 47	2 31	19 9	0 50	24 52	0 48	3 13	6 23	23 41	23 41	8 42			n.a.
T 19	1 58	23 35	3 25	4 31	1 52	18 14	1 42	9 5	0 44	22 1	0 52	23 48	2 31	19 9	0 50	24 53	0 48	3 12	6 22	23 40	23 41	8 45			n.a.
F 20	1 33	20 32	4 12	5 12	1 55	17 53	1 44	9 24	0 45	22 3	0 52	23 48	2 31	19 8	0 50	24 53	0 48	3 11	6 22	23 40	23 41	8 48			n.a.
S 21	1 8	16 11	4 44	5 53	1 58	17 31	1 45	9 43	0 45	22 5	0 52	23 48	2 30	19 7	0 50	24 53	0 48	3 10	6 22	23 39	23 40	8 51			n.a.
S 22	0 43	10 46	5 0	6 34	2 1	17 9	1 47	10 1	0 46	22 6	0 52	23 48	2 30	19 6	0 50	24 53	0 48	3 9	6 22	23 38	23 40	8 54			n.a.
M23	0 18	4 37	4 55	7 14	2 4	16 47	1 48	10 20	0 47	22 8	0 52	23 48	2 30	19 6	0 50	24 53	0 48	3 8	6 22	23 37	23 40	8 57			n.a.
T 24	0s 7	1n53	4 30	7 53	2 6	16 24	1 49	10 38	0 47	22 10	0 52	23 48	2 30	19 5	0 50	24 53	0 48	3 7	6 22	23 36	23 40	9 0			n.a.
W25	0 32	8 16	3 46	8 31	2 7	16 0	1 50	10 56	0 48	22 12	0 52	23 48	2 30	19 4	0 50	24 53	0 48	3 6	6 22	23 35	23 39	9 3			n.a.
T 26	0 57	14 7	2 46	9 9	2 8	15 36	1 51	11 14	0 48	22 14	0 52	23 48	2 29	19 3	0 50	24 53	0 48	3 5	6 22	23 35	23 39	9 5			n.a.
F 27	1 22	19 3	1 37	9 45	2 9	15 12	1 52	11 32	0 49	22 16	0 52	23 47	2 29	19 3	0 50	24 53	0 48	3 4	6 21	23 34	23 39	9 8			n.a.
S 28	1 47	22 43	0 23	10 20	2 8	14 47	1 53	11 50	0 49	22 18	0 52	23 47	2 29	19 2	0 50	24 53	0 48	3 3	6 21	23 34	23 38	9 11			n.a.
S 29	2 12	24 56	0n51	10 54	2 8	14 21	1 54	12 8	0 50	22 21	0 52	23 47	2 29	19 1	0 50	24 53	0 48	3 2	6 21	23 34	23 38	9 14			n.a.
M30	2 37	25 36	1 59	11 26	2 6	13 56	1 54	12 26	0 50	22 23	0 52	23 47	2 28	19 1	0 51	24 53	0 48	3 1	6 21	23 34	23 38	9 17			n.a.
T 31	3s 2	24n47	3n 0	11s57	2s 4	13n30	1n55	12s43	0s51	22s25	0s52	23s47	2s28	19n 0	0n51	24n53	0n48	3n 0	6n21	23n34	23n38	9s20			n.a.

Julian Day Number = 202256.5, Delta T = 32h08m01s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'55, Lahiri = -61°05'55 Julian Calendar 1 Oct. 4160 BCE == Greg. Calendar 29 Aug. 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

NOVEMBER 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 32 26	8♎27'57	7♌16	26♎38	1♍27	1♏11	4♐18	26♑57	10♌13	27°R 2	6♎54	18°R 3	18♊45	2♏57	n.a.	W 1
T 2	0 36 23	9°29'20	19°55	27°59	2°40	1°59	4°29	26°57	10°15	27♊ 2	6°57	17♊57	18°42	3° 4	n.a.	T 2
F 3	0 40 19	10°30'44	2♍22	29°16	3°54	2°46	4°40	26°57	10°17	27° 2	6°59	17°48	18°39	3°11	n.a.	F 3
S 4	0 44 16	11°32'06	14°39	0♏30	5° 7	3°33	4°51	26°58	10°20	27° 2	7° 1	17°36	18°36	3°17	n.a.	S 4
S 5	0 48 12	12°33'28	26°48	1°40	6°21	4°20	5° 3	26°58	10°22	27° 2	7° 3	17°23	18°33	3°24	n.a.	S 5
M 6	0 52 9	13°34'50	8♎51	2°44	7°34	5° 7	5°14	26°59	10°24	27° 2	7° 5	17°10	18°29	3°31	n.a.	M 6
T 7	0 56 5	14°36'11	20°47	3°42	8°48	5°55	5°25	27° 0	10°26	27° 2	7° 8	16°58	18°26	3°38	n.a.	T 7
W 8	1 0 2	15°37'32	2♏39	4°34	10° 2	6°42	5°37	27° 1	10°29	27° 1	7°10	16°48	18°23	3°44	n.a.	W 8
T 9	1 3 59	16°38'52	14°27	5°18	11°16	7°29	5°49	27° 2	10°31	27° 1	7°12	16°40	18°20	3°51	n.a.	T 9
F 10	1 7 55	17°40'11	26°15	5°54	12°29	8°16	6° 0	27° 3	10°33	27° 1	7°14	16°35	18°17	3°58	n.a.	F 10
S 11	1 11 52	18°41'29	8♐ 5	6°20	13°43	9° 3	6°12	27° 4	10°35	27° 0	7°16	16°33	18°14	4° 4	n.a.	S 11
S 12	1 15 48	19°42'46	20° 1	6°36	14°57	9°51	6°24	27° 5	10°37	27° 0	7°18	16°D32	18°10	4°11	n.a.	S 12
M13	1 19 45	20°44'02	2♑ 8	6°R41	16°11	10°38	6°36	27° 7	10°38	27° 0	7°21	16°33	18° 7	4°18	n.a.	M13
T 14	1 23 41	21°45'16	14°30	6°35	17°25	11°25	6°48	27° 8	10°40	26°59	7°23	16°34	18° 4	4°24	n.a.	T 14
W15	1 27 38	22°46'30	27°12	6°17	18°39	12°12	7° 0	27°10	10°42	26°59	7°25	16°R34	18° 1	4°31	n.a.	W15
T 16	1 31 35	23°47'42	10♒19	5°47	19°52	12°59	7°12	27°12	10°44	26°58	7°27	16°33	17°58	4°38	n.a.	T 16
F 17	1 35 31	24°48'53	23°55	5° 6	21° 6	13°46	7°25	27°14	10°45	26°58	7°29	16°29	17°55	4°44	n.a.	F 17
S 18	1 39 28	25°50'03	8♓ 1	4°15	22°20	14°34	7°37	27°16	10°47	26°57	7°31	16°23	17°51	4°51	n.a.	S 18
S 19	1 43 24	26°51'11	22°36	3°15	23°34	15°21	7°50	27°18	10°49	26°56	7°33	16°16	17°48	4°58	n.a.	S 19
M20	1 47 21	27°52'17	7♈34	2° 8	24°48	16° 8	8° 2	27°20	10°50	26°56	7°36	16° 8	17°45	5° 4	n.a.	M20
T 21	1 51 17	28°53'23	22°49	0°55	26° 2	16°55	8°15	27°22	10°52	26°55	7°38	16° 1	17°42	5°11	n.a.	T 21
W22	1 55 14	29°54'27	8♉ 8	29♎40	27°16	17°42	8°27	27°25	10°53	26°54	7°40	15°55	17°39	5°18	n.a.	W22
T 23	1 59 11	0♏55'30	23°21	28°24	28°30	18°29	8°40	27°27	10°54	26°54	7°42	15°50	17°35	5°24	n.a.	T 23
F 24	2 3 7	1°56'33	8♊18	27° 9	29°44	19°16	8°53	27°30	10°56	26°53	7°44	15°49	17°32	5°31	n.a.	F 24
S 25	2 7 4	2°57'34	22°52	25°58	0♎58	20° 3	9° 6	27°33	10°57	26°52	7°46	15°D48	17°29	5°38	n.a.	S 25
S 26	2 11 0	3°58'34	7♋ 0	24°53	2°12	20°50	9°19	27°36	10°58	26°51	7°48	15°50	17°26	5°45	n.a.	S 26
M27	2 14 57	4°59'32	20°42	23°54	3°26	21°37	9°32	27°39	10°59	26°50	7°50	15°51	17°23	5°51	n.a.	M27
T 28	2 18 54	6° 0'30	3♌57	23° 3	4°40	22°24	9°45	27°42	11° 0	26°49	7°52	15°R52	17°20	5°58	n.a.	T 28
W29	2 22 50	7° 1'27	16°51	22°20	5°54	23°11	9°58	27°45	11° 1	26°49	7°54	15°51	17°16	6° 5	n.a.	W29
T 30	2 26 47	8♏ 2'22	29♌25	21♎45	7♎ 8	23♏58	10♐11	27♑48	11♌ 2	26♊48	7♎56	15♊49	17♊13	6♏11	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s27	22n40	3n50	12 s26	2 s 1	13n 3	1n55	13 s 1	0 s51	22 s27	0 s52	23 s46	2 s28	18n59	0n51	24n53	0n48	2n59	6n21	23n34	23n37	9 s23		n.a.
T 2	3 52	19 28	4 27	12 52	1 57	12 36	1 56	13 18	0 52	22 29	0 52	23 46	2 28	18 59	0 51	24 53	0 48	2 58	6 21	23 33	23 37	9 26		n.a.
F 3	4 16	15 26	4 51	13 16	1 52	12 9	1 56	13 35	0 52	22 31	0 52	23 46	2 28	18 58	0 51	24 53	0 48	2 57	6 21	23 32	23 37	9 29		n.a.
S 4	4 41	10 49	5 2	13 38	1 47	11 41	1 56	13 52	0 53	22 33	0 51	23 46	2 27	18 58	0 51	24 53	0 48	2 56	6 21	23 31	23 37	9 32		n.a.
S 5	5 6	5 50	4 58	13 56	1 40	11 14	1 56	14 9	0 53	22 35	0 51	23 45	2 27	18 57	0 51	24 53	0 48	2 55	6 21	23 30	23 36	9 34		n.a.
M 6	5 30	0 41	4 41	14 12	1 32	10 45	1 56	14 26	0 54	22 37	0 51	23 45	2 27	18 56	0 51	24 53	0 49	2 54	6 21	23 29	23 36	9 37		n.a.
T 7	5 55	4 s28	4 12	14 24	1 23	10 17	1 56	14 43	0 54	22 39	0 51	23 45	2 27	18 56	0 51	24 53	0 49	2 53	6 20	23 27	23 36	9 40		n.a.
W 8	6 19	9 26	3 32	14 32	1 12	9 48	1 56	14 59	0 54	22 41	0 51	23 44	2 26	18 55	0 51	24 53	0 49	2 53	6 20	23 26	23 35	9 43		n.a.
T 9	6 43	14 3	2 43	14 36	1 0	9 19	1 56	15 15	0 55	22 44	0 51	23 44	2 26	18 55	0 51	24 53	0 49	2 52	6 20	23 26	23 35	9 46		n.a.
F 10	7 7	18 8	1 46	14 36	0 47	8 50	1 55	15 32	0 55	22 46	0 51	23 43	2 26	18 54	0 51	24 53	0 49	2 51	6 20	23 25	23 35	9 49		n.a.
S 11	7 31	21 32	0 45	14 32	0 33	8 20	1 55	15 48	0 56	22 48	0 51	23 43	2 26	18 54	0 51	24 53	0 49	2 50	6 20	23 25	23 35	9 52		n.a.
S 12	7 55	24 2	0 s19	14 22	0 17	7 50	1 54	16 4	0 56	22 50	0 51	23 42	2 25	18 53	0 51	24 54	0 49	2 49	6 20	23 25	23 34	9 55		n.a.
M13	8 19	25 29	1 23	14 8	0 1	7 20	1 54	16 19	0 57	22 52	0 51	23 42	2 25	18 53	0 51	24 54	0 49	2 48	6 20	23 25	23 34	9 58		n.a.
T 14	8 43	25 42	2 24	13 49	0n17	6 50	1 53	16 35	0 57	22 54	0 52	23 41	2 25	18 52	0 51	24 54	0 49	2 47	6 20	23 25	23 34	10 0		n.a.
W15	9 6	24 35	3 21	13 25	0 36	6 20	1 52	16 50	0 57	22 56	0 52	23 41	2 25	18 52	0 51	24 54	0 49	2 46	6 20	23 25	23 33	10 3		n.a.
T 16	9 29	22 7	4 8	12 57	0 56	5 49	1 51	17 5	0 58	22 58	0 52	23 40	2 25	18 51	0 51	24 54	0 49	2 45	6 20	23 25	23 33	10 6		n.a.
F 17	9 52	18 22	4 44	12 25	1 15	5 18	1 50	17 20	0 58	23 0	0 52	23 40	2 24	18 51	0 51	24 54	0 49	2 44	6 20	23 24	23 33	10 9		n.a.
S 18	10 15	13 28	5 4	11 49	1 35	4 47	1 49	17 35	0 58	23 3	0 52	23 39	2 24	18 50	0 51	24 54	0 49	2 43	6 20	23 24	23 33	10 12		n.a.
S 19	10 38	7 40	5 5	11 10	1 54	4 16	1 48	17 50	0 59	23 5	0 52	23 38	2 24	18 50	0 51	24 54	0 49	2 42	6 20	23 23	23 32	10 15		n.a.
M20	11 1	1 17	4 46	10 29	2 12	3 45	1 47	18 4	0 59	23 7	0 52	23 38	2 24	18 50	0 51	24 54	0 49	2 42	6 20	23 22	23 32	10 18		n.a.
T 21	11 23	5n19	4 7	9 48	2 29	3 14	1 46	18 19	1 0	23 9	0 52	23 37	2 23	18 49	0 51	24 54	0 49	2 41	6 20	23 21	23 32	10 21		n.a.
W22	11 45	11 38	3 9	9 6	2 45	2 42	1 45	18 33	1 0	23 11	0 52	23 36	2 23	18 49	0 52	24 54	0 49	2 40	6 20	23 21	23 31	10 23		n.a.
T 23	12 7	17 13	1 58	8 26	2 58	2 11	1 43	18 47	1 0	23 13	0 52	23 35	2 23	18 49	0 52	24 54	0 49	2 39	6 20	23 20	23 31	10 26		n.a.
F 24	12 29	21 39	0 41	7 48	3 10	1 39	1 42	19 0	1 1	23 15	0 52	23 35	2 23	18 48	0 52	24 54	0 49	2 38	6 20	23 20	23 31	10 29		n.a.
S 25	12 50	24 33	0n38	7 14	3 19	1 8	1 40	19 14	1 1	23 17	0 52	23 34	2 23	18 48	0 52	24 54	0 49	2 37	6 20	23 20	23 30	10 32		n.a.
S 26	13 12	25 48	1 52	6 43	3 25	0 36	1 39	19 27	1 1	23 19	0 52	23 33	2 22	18 48	0 52	24 54	0 49	2 37	6 20	23 20	23 30	10 35		n.a.
M27	13 33	25 24	2 58	6 17	3 30	0 4	1 37	19 40	1 2	23 21	0 52	23 32	2 22	18 47	0 52	24 54	0 49	2 36	6 20	23 20	23 30	10 38		n.a.
T 28	13 54	23 33	3 52	5 56	3 33	0 s27	1 35	19 53	1 2	23 23	0 52	23 31	2 22	18 47	0 52	24 54	0 49	2 35	6 20	23 20	23 29	10 41		n.a.
W29	14 14	20 32	4 32	5 39	3 33	0 59	1 34	20 5	1 2	23 25	0 52	23 30	2 22	18 47	0 52	24 54	0 49	2 34	6 20	23 20	23 29	10 44		n.a.
T 30	14 s35	16n38	4n58	5 s27	3n32	1 s31	1n32	20 s18	1 s 2	23 s27	0 s52	23 s30	2 s21	18n47	0n52	24n54	0n49	2n33	6n20	23n20	23n29	10 s46		n.a.

Julian Day Number = 202287.5, Delta T = 32h07m58s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'51, Lahiri = -61°05'50 Julian Calendar 1 Nov. 4160 BCE == Greg. Calendar 29 Sept. 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4160 BCE
geocentric

DECEMBER 4160 BCE (-4159) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 30 43	9♏ 3'16	11♍44	21°R20	8♎22	24♏45	10♐24	27♑52	11♌ 3	26°R47	7♎58	15°R45	17♊10	6♏18	n.a.	F 1
S 2	2 34 40	10° 4'08	23°53	21♎ 2	9°36	25°32	10°38	27°55	11° 4	26♊46	8° 0	15♊40	17° 7	6°25	n.a.	S 2
S 3	2 38 36	11° 4'59	5♎52	20°53	10°50	26°19	10°51	27°59	11° 5	26°45	8° 2	15°33	17° 4	6°31	n.a.	S 3
M 4	2 42 33	12° 5'49	17°46	20°D52	12° 5	27° 5	11° 4	28° 2	11° 6	26°44	8° 4	15°27	17° 1	6°38	n.a.	M 4
T 5	2 46 30	13° 6'37	29°37	20°58	13°19	27°52	11°18	28° 6	11° 7	26°43	8° 6	15°20	16°57	6°45	n.a.	T 5
W 6	2 50 26	14° 7'24	11♏26	21°11	14°33	28°39	11°31	28°10	11° 7	26°41	8° 7	15°15	16°54	6°51	n.a.	W 6
T 7	2 54 23	15° 8'09	23°15	21°30	15°47	29°26	11°45	28°14	11° 8	26°40	8° 9	15°12	16°51	6°58	n.a.	T 7
F 8	2 58 19	16° 8'52	5♐ 7	21°55	17° 1	0♐13	11°58	28°18	11° 8	26°39	8°11	15°10	16°48	7° 5	n.a.	F 8
S 9	3 2 16	17° 9'34	17° 3	22°25	18°15	0°59	12°12	28°22	11° 9	26°38	8°13	15°D 9	16°45	7°11	n.a.	S 9
S 10	3 6 12	18°10'13	29° 6	23° 1	19°29	1°46	12°26	28°27	11° 9	26°37	8°15	15°10	16°41	7°18	n.a.	S 10
M11	3 10 9	19°10'51	11♑19	23°41	20°43	2°33	12°39	28°31	11°10	26°36	8°17	15°11	16°38	7°25	n.a.	M11
T 12	3 14 5	20°11'26	23°45	24°25	21°57	3°19	12°53	28°36	11°10	26°34	8°18	15°13	16°35	7°31	n.a.	T 12
W13	3 18 2	21°12'00	6♒28	25°13	23°11	4° 6	13° 7	28°40	11°10	26°33	8°20	15°15	16°32	7°38	n.a.	W13
T 14	3 21 59	22°12'31	19°31	26° 4	24°25	4°53	13°21	28°45	11°11	26°32	8°22	15°R15	16°29	7°45	n.a.	T 14
F 15	3 25 55	23°13'00	2♓59	26°58	25°39	5°39	13°35	28°49	11°11	26°30	8°23	15°15	16°26	7°51	n.a.	F 15
S 16	3 29 52	24°13'27	16°52	27°56	26°53	6°26	13°49	28°54	11°11	26°29	8°25	15°14	16°22	7°58	n.a.	S 16
S 17	3 33 48	25°13'51	1♈11	28°56	28° 7	7°12	14° 3	28°59	11°R11	26°28	8°27	15°12	16°19	8° 5	n.a.	S 17
M18	3 37 45	26°14'13	15°53	29°59	29°21	7°59	14°16	29° 4	11°11	26°26	8°28	15° 9	16°16	8°11	n.a.	M18
T 19	3 41 41	27°14'33	0♉53	1♏ 4	0♏35	8°45	14°30	29° 9	11°11	26°25	8°30	15° 7	16°13	8°18	n.a.	T 19
W20	3 45 38	28°14'51	16° 3	2°12	1°49	9°31	14°45	29°14	11°11	26°24	8°32	15° 5	16°10	8°25	n.a.	W20
T 21	3 49 35	29°15'07	1♊14	3°21	3° 3	10°18	14°59	29°20	11°11	26°22	8°33	15° 3	16° 6	8°31	n.a.	T 21
F 22	3 53 31	0♐15'21	16°15	4°33	4°17	11° 4	15°13	29°25	11°10	26°21	8°35	15°D 3	16° 3	8°38	n.a.	F 22
S 23	3 57 28	1°15'33	0♋59	5°46	5°30	11°50	15°27	29°30	11°10	26°19	8°36	15° 4	16° 0	8°45	n.a.	S 23
S 24	4 1 24	2°15'43	15°19	7° 1	6°44	12°37	15°41	29°36	11°10	26°18	8°38	15° 4	15°57	8°52	n.a.	S 24
M25	4 5 21	3°15'51	29°13	8°18	7°58	13°23	15°55	29°41	11° 9	26°16	8°39	15° 5	15°54	8°58	n.a.	M25
T 26	4 9 17	4°15'57	12♌39	9°36	9°12	14° 9	16° 9	29°47	11° 9	26°15	8°41	15° 6	15°51	9° 5	n.a.	T 26
W27	4 13 14	5°16'01	25°40	10°55	10°26	14°55	16°23	29°53	11° 8	26°13	8°42	15° 7	15°47	9°12	n.a.	W27
T 28	4 17 10	6°16'04	8♍19	12°16	11°40	15°41	16°38	29°58	11° 8	26°12	8°43	15°R 7	15°44	9°18	n.a.	T 28
F 29	4 21 7	7°16'04	20°39	13°39	12°54	16°27	16°52	0♒ 4	11° 7	26°10	8°45	15° 7	15°41	9°25	n.a.	F 29
S 30	4 25 4	8°16'03	2♎45	15° 3	14° 8	17°13	17° 6	0°10	11° 7	26° 9	8°46	15° 6	15°38	9°32	n.a.	S 30
S 31	4 29 0	9♐15'59	14♎41	16♏28	15♏22	17♐59	17♐20	0♒16	11♌ 6	26♊ 7	8♎48	15♊ 6	15♊35	9♏38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s55	12n 6	5n10	5s20	3n29	2s 2	1n30	20s30	1s 3	23s29	0s52	23s29	2s21	18n46	0n52	24n54	0n49	2n32	6n20	23n20	23n29	10s49		n.a.
S 2	15 15	7 11	5 8	5 17	3 25	2 34	1 28	20 42	1 3	23 31	0 52	23 28	2 21	18 46	0 52	24 54	0 50	2 32	6 20	23 19	23 28	10 52		n.a.
S 3	15 34	2 3	4 52	5 18	3 20	3 6	1 26	20 54	1 3	23 33	0 52	23 27	2 21	18 46	0 52	24 54	0 50	2 31	6 20	23 18	23 28	10 55		n.a.
M 4	15 54	3s 8	4 23	5 23	3 14	3 37	1 24	21 5	1 3	23 35	0 52	23 26	2 21	18 46	0 52	24 54	0 50	2 30	6 20	23 18	23 28	10 58		n.a.
T 5	16 13	8 10	3 43	5 32	3 7	4 8	1 22	21 17	1 4	23 37	0 52	23 25	2 20	18 46	0 52	24 54	0 50	2 29	6 20	23 17	23 27	11 1		n.a.
W 6	16 31	12 56	2 54	5 44	2 59	4 40	1 20	21 28	1 4	23 39	0 52	23 24	2 20	18 46	0 52	24 54	0 50	2 29	6 20	23 16	23 27	11 4		n.a.
T 7	16 50	17 13	1 57	5 59	2 51	5 11	1 18	21 38	1 4	23 41	0 52	23 23	2 20	18 45	0 52	24 54	0 50	2 28	6 20	23 16	23 27	11 6		n.a.
F 8	17 8	20 51	0 55	6 16	2 42	5 42	1 16	21 49	1 4	23 43	0 52	23 22	2 20	18 45	0 52	24 54	0 50	2 27	6 20	23 16	23 26	11 9		n.a.
S 9	17 26	23 38	0s10	6 36	2 34	6 13	1 13	21 59	1 5	23 45	0 52	23 21	2 20	18 45	0 52	24 54	0 50	2 27	6 20	23 16	23 26	11 12		n.a.
S 10	17 43	25 23	1 16	6 58	2 24	6 44	1 11	22 9	1 5	23 47	0 52	23 19	2 19	18 45	0 52	24 54	0 50	2 26	6 20	23 16	23 26	11 15		n.a.
M11	18 1	25 55	2 19	7 22	2 15	7 15	1 9	22 19	1 5	23 49	0 52	23 18	2 19	18 45	0 52	24 54	0 50	2 25	6 20	23 16	23 25	11 18		n.a.
T 12	18 17	25 11	3 17	7 47	2 6	7 45	1 7	22 29	1 5	23 51	0 52	23 17	2 19	18 45	0 53	24 54	0 50	2 24	6 20	23 16	23 25	11 21		n.a.
W13	18 34	23 9	4 6	8 14	1 56	8 16	1 4	22 38	1 6	23 53	0 52	23 16	2 19	18 45	0 53	24 54	0 50	2 24	6 20	23 16	23 25	11 24		n.a.
T 14	18 50	19 52	4 44	8 42	1 46	8 46	1 2	22 47	1 6	23 54	0 52	23 15	2 19	18 45	0 53	24 54	0 50	2 23	6 20	23 16	23 24	11 26		n.a.
F 15	19 6	15 28	5 8	9 11	1 37	9 16	0 59	22 56	1 6	23 56	0 52	23 14	2 18	18 45	0 53	24 54	0 50	2 23	6 20	23 16	23 24	11 29		n.a.
S 16	19 21	10 8	5 15	9 41	1 27	9 46	0 57	23 5	1 6	23 58	0 52	23 12	2 18	18 45	0 53	24 54	0 50	2 22	6 20	23 16	23 24	11 32		n.a.
S 17	19 36	4 8	5 3	10 12	1 18	10 15	0 54	23 13	1 6	24 0	0 52	23 11	2 18	18 45	0 53	24 54	0 50	2 21	6 20	23 16	23 23	11 35		n.a.
M18	19 51	2n16	4 31	10 43	1 8	10 45	0 52	23 21	1 6	24 2	0 53	23 10	2 18	18 45	0 53	24 54	0 50	2 21	6 20	23 16	23 23	11 38		n.a.
T 19	20 6	8 40	3 41	11 16	0 59	11 14	0 49	23 29	1 7	24 3	0 53	23 9	2 18	18 45	0 53	24 54	0 50	2 20	6 20	23 15	23 23	11 41		n.a.
W20	20 20	14 40	2 34	11 48	0 50	11 42	0 47	23 36	1 7	24 5	0 53	23 7	2 18	18 45	0 53	24 54	0 50	2 19	6 20	23 15	23 22	11 44		n.a.
T 21	20 33	19 45	1 16	12 21	0 40	12 11	0 44	23 43	1 7	24 7	0 53	23 6	2 17	18 45	0 53	24 54	0 50	2 19	6 20	23 15	23 22	11 46		n.a.
F 22	20 46	23 30	0n 7	12 54	0 31	12 39	0 42	23 50	1 7	24 8	0 53	23 5	2 17	18 45	0 53	24 54	0 50	2 18	6 20	23 15	23 22	11 49		n.a.
S 23	20 59	25 34	1 27	13 28	0 23	13 7	0 39	23 57	1 7	24 10	0 53	23 3	2 17	18 46	0 53	24 54	0 50	2 18	6 20	23 15	23 21	11 52		n.a.
S 24	21 12	25 51	2 40	14 1	0 14	13 34	0 37	24 3	1 7	24 12	0 53	23 2	2 17	18 46	0 53	24 54	0 50	2 17	6 21	23 15	23 21	11 55		n.a.
M25	21 24	24 29	3 41	14 35	0 5	14 2	0 34	24 10	1 7	24 13	0 53	23 1	2 17	18 46	0 53	24 54	0 50	2 17	6 21	23 15	23 21	11 58		n.a.
T 26	21 36	21 45	4 28	15 8	0s 3	14 28	0 31	24 16	1 7	24 15	0 53	22 59	2 17	18 46	0 53	24 54	0 50	2 16	6 21	23 15	23 20	12 1		n.a.
W27	21 47	17 59	4 59	15 42	0 11	14 55	0 29	24 21	1 8	24 17	0 53	22 58	2 16	18 46	0 53	24 54	0 50	2 16	6 21	23 15	23 20	12 3		n.a.
T 28	21 58	13 31	5 15	16 15	0 19	15 21	0 26	24 26	1 8	24 18	0 53	22 57	2 16	18 46	0 53	24 54	0 50	2 15	6 21	23 15	23 20	12 6		n.a.
F 29	22 8	8 37	5 16	16 48	0 27	15 47	0 23	24 32	1 8	24 20	0 53	22 55	2 16	18 47	0 53	24 54	0 50	2 15	6 21	23 15	23 19	12 9		n.a.
S 30	22 18	3 29	5 2	17 21	0 34	16 12	0 21	24 36	1 8	24 21	0 53	22 54	2 16	18 47	0 53	24 54	0 50	2 14	6 21	23 15	23 19	12 12		n.a.
S 31	22s28	1s43	4n36	17s53	0s41	16s37	0n18	24s41	1s 8	24s23	0s53	22s52	2s16	18n47	0n53	24n54	0n50	2n14	6n21	23n15	23n19	12s15		n.a.

Julian Day Number = 202317.5, Delta T = 32h07m55s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'47, Lahiri = -61°05'46 Julian Calendar 1 Dec. 4160 BCE == Greg. Calendar 29 Oct. 4160 BCE

The year -4159 astronomical counting style corresponds to year 4160 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

JANUARY 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 32 57	10♐15'54	26♎31	17♏54	16♏36	18♐45	17♐35	0♒22	11°R 5	26°R 6	8♎49	15°R 5	15♊32	9♏45	n.a.	M 1
T 2	4 36 53	11°15'46	8♏19	19°22	17°49	19°31	17°49	0°28	11♌ 4	26♊ 4	8°50	15♊ 4	15°28	9°52	n.a.	T 2
W 3	4 40 50	12°15'37	20° 8	20°51	19° 3	20°17	18° 3	0°34	11° 3	26° 2	8°51	15° 4	15°25	9°58	n.a.	W 3
T 4	4 44 46	13°15'25	2♑ 1	22°21	20°17	21° 3	18°17	0°41	11° 3	26° 1	8°52	15° 4	15°22	10° 5	n.a.	T 4
F 5	4 48 43	14°15'11	14° 0	23°52	21°31	21°49	18°32	0°47	11° 2	25°59	8°54	15°D 4	15°19	10°12	n.a.	F 5
S 6	4 52 39	15°14'55	26° 6	25°25	22°45	22°35	18°46	0°53	11° 1	25°58	8°55	15°R 4	15°16	10°18	n.a.	S 6
S 7	4 56 36	16°14'37	8♑22	26°59	23°59	23°20	19° 0	1° 0	11° 0	25°56	8°56	15° 4	15°12	10°25	n.a.	S 7
M 8	5 0 32	17°14'16	20°49	28°34	25°12	24° 6	19°15	1° 6	10°58	25°54	8°57	15° 3	15° 9	10°32	n.a.	M 8
T 9	5 4 29	18°13'53	3♒29	0♑10	26°26	24°52	19°29	1°13	10°57	25°53	8°58	15° 3	15° 6	10°38	n.a.	T 9
W10	5 8 26	19°13'28	16°23	1°47	27°40	25°37	19°43	1°19	10°56	25°51	8°59	15° 3	15° 3	10°45	n.a.	W10
T 11	5 12 22	20°12'59	29°33	3°26	28°54	26°23	19°58	1°26	10°55	25°49	9° 0	15° 2	15° 0	10°52	n.a.	T 11
F 12	5 16 19	21°12'29	13♓ 1	5° 5	0♑ 7	27° 8	20°12	1°33	10°54	25°48	9° 1	15° 2	14°57	10°58	n.a.	F 12
S 13	5 20 15	22°11'55	26°48	6°46	1°21	27°54	20°26	1°39	10°52	25°46	9° 2	15°D 2	14°53	11° 5	n.a.	S 13
S 14	5 24 12	23°11'19	10♈53	8°28	2°35	28°39	20°41	1°46	10°51	25°44	9° 3	15° 2	14°50	11°12	n.a.	S 14
M15	5 28 8	24°10'40	25°15	10°12	3°49	29°24	20°55	1°53	10°49	25°43	9° 4	15° 3	14°47	11°18	n.a.	M15
T 16	5 32 5	25° 9'59	9♉52	11°56	5° 2	0♒10	21° 9	2° 0	10°48	25°41	9° 5	15° 4	14°44	11°25	n.a.	T 16
W17	5 36 1	26° 9'16	24°39	13°42	6°16	0°55	21°23	2° 7	10°46	25°40	9° 6	15° 4	14°41	11°32	n.a.	W17
T 18	5 39 58	27° 8'30	9♊30	15°30	7°30	1°40	21°38	2°14	10°45	25°38	9° 6	15°R 5	14°38	11°38	n.a.	T 18
F 19	5 43 54	28° 7'41	24°17	17°18	8°43	2°25	21°52	2°21	10°43	25°36	9° 7	15° 5	14°34	11°45	n.a.	F 19
S 20	5 47 51	29° 6'51	8♋54	19° 8	9°57	3°10	22° 6	2°28	10°42	25°35	9° 8	15° 4	14°31	11°52	n.a.	S 20
S 21	5 51 48	0♉ 5'58	23°13	20°59	11°11	3°56	22°20	2°35	10°40	25°33	9° 8	15° 2	14°28	11°58	n.a.	S 21
M22	5 55 44	1° 5'02	7♌10	22°52	12°25	4°41	22°35	2°42	10°38	25°31	9° 9	15° 0	14°25	12° 5	n.a.	M22
T 23	5 59 41	2° 4'05	20°42	24°45	13°38	5°26	22°49	2°50	10°37	25°30	9°10	14°58	14°22	12°12	n.a.	T 23
W24	6 3 37	3° 3'06	3♍50	26°40	14°52	6°10	23° 3	2°57	10°35	25°28	9°10	14°56	14°18	12°18	n.a.	W24
T 25	6 7 34	4° 2'04	16°34	28°37	16° 5	6°55	23°17	3° 4	10°33	25°26	9°11	14°54	14°15	12°25	n.a.	T 25
F 26	6 11 30	5° 1'00	28°58	0♉34	17°19	7°40	23°31	3°12	10°31	25°25	9°12	14°53	14°12	12°32	n.a.	F 26
S 27	6 15 27	5°59'55	11♎ 6	2°33	18°33	8°25	23°46	3°19	10°29	25°23	9°12	14°D53	14° 9	12°38	n.a.	S 27
S 28	6 19 23	6°58'47	23° 2	4°33	19°46	9°10	24° 0	3°26	10°27	25°21	9°13	14°54	14° 6	12°45	n.a.	S 28
M29	6 23 20	7°57'38	4♏52	6°34	21° 0	9°54	24°14	3°34	10°25	25°20	9°13	14°55	14° 3	12°52	n.a.	M29
T 30	6 27 16	8°56'26	16°41	8°36	22°14	10°39	24°28	3°41	10°23	25°18	9°13	14°57	13°59	12°58	n.a.	T 30
W31	6 31 13	9♉55'13	28♏31	10♉39	23♑27	11♉24	24♑42	3♒49	10♌21	25♊17	9♎14	14♊59	13♊56	13♏ 5	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	22s37	6s49	3n58	18s25	0s48	17s 1	0n15	24s45	1s 8	24s24	0s53	22s51	2s16	18n47	0n53	24n54	0n50	2n13	6n21	23n15	23n18	12s18			n.a.
T 2	22 46	11 41	3 10	18 56	0 55	17 25	0 13	24 49	1 8	24 26	0 54	22 49	2 15	18 48	0 54	24 54	0 50	2 13	6 21	23 15	23 18	12 20			n.a.
W 3	22 54	16 8	2 14	19 27	1 1	17 49	0 10	24 53	1 8	24 27	0 54	22 48	2 15	18 48	0 54	24 54	0 50	2 12	6 21	23 15	23 17	12 23			n.a.
T 4	23 2	19 59	1 12	19 57	1 7	18 12	0 8	24 56	1 8	24 28	0 54	22 46	2 15	18 48	0 54	24 54	0 50	2 12	6 21	23 15	23 17	12 26			n.a.
F 5	23 9	23 2	0 6	20 27	1 13	18 34	0 5	24 59	1 8	24 30	0 54	22 45	2 15	18 49	0 54	24 54	0 50	2 12	6 21	23 15	23 17	12 29			n.a.
S 6	23 16	25 4	1s 1	20 56	1 19	18 56	0 2	25 2	1 8	24 31	0 54	22 43	2 15	18 49	0 54	24 54	0 51	2 11	6 22	23 15	23 16	12 32			n.a.
S 7	23 23	25 56	2 6	21 23	1 24	19 18	0s 0	25 5	1 8	24 32	0 54	22 41	2 15	18 49	0 54	24 53	0 51	2 11	6 22	23 15	23 16	12 34			n.a.
M 8	23 29	25 31	3 6	21 50	1 29	19 39	0 3	25 7	1 8	24 34	0 54	22 40	2 15	18 50	0 54	24 53	0 51	2 11	6 22	23 15	23 16	12 37			n.a.
T 9	23 34	23 46	3 58	22 17	1 33	19 59	0 5	25 9	1 8	24 35	0 54	22 38	2 15	18 50	0 54	24 53	0 51	2 10	6 22	23 15	23 15	12 40			n.a.
W10	23 40	20 47	4 39	22 42	1 38	20 19	0 8	25 11	1 8	24 36	0 54	22 37	2 14	18 50	0 54	24 53	0 51	2 10	6 22	23 15	23 15	12 43			n.a.
T 11	23 44	16 42	5 6	23 5	1 41	20 39	0 10	25 12	1 8	24 37	0 54	22 35	2 14	18 51	0 54	24 53	0 51	2 10	6 22	23 15	23 15	12 46			n.a.
F 12	23 49	11 42	5 17	23 28	1 45	20 58	0 13	25 13	1 8	24 39	0 54	22 33	2 14	18 51	0 54	24 53	0 51	2 9	6 22	23 15	23 14	12 48			n.a.
S 13	23 52	6 2	5 11	23 50	1 48	21 16	0 15	25 14	1 8	24 40	0 55	22 32	2 14	18 52	0 54	24 53	0 51	2 9	6 22	23 15	23 14	12 51			n.a.
S 14	23 56	0n 4	4 46	24 10	1 51	21 33	0 18	25 15	1 8	24 41	0 55	22 30	2 14	18 52	0 54	24 53	0 51	2 9	6 22	23 15	23 13	12 54			n.a.
M15	23 59	6 17	4 3	24 28	1 53	21 50	0 20	25 15	1 8	24 42	0 55	22 28	2 14	18 52	0 54	24 53	0 51	2 8	6 22	23 15	23 13	12 57			n.a.
T 16	24 1	12 18	3 3	24 45	1 55	22 7	0 23	25 15	1 8	24 43	0 55	22 26	2 14	18 53	0 54	24 53	0 51	2 8	6 22	23 15	23 13	13 0			n.a.
W17	24 3	17 41	1 51	25 1	1 56	22 22	0 25	25 15	1 8	24 44	0 55	22 25	2 14	18 53	0 54	24 53	0 51	2 8	6 23	23 15	23 12	13 2			n.a.
T 18	24 5	22 0	0 31	25 15	1 57	22 38	0 27	25 14	1 8	24 45	0 55	22 23	2 14	18 54	0 54	24 53	0 51	2 8	6 23	23 15	23 12	13 5			n.a.
F 19	24 6	24 50	0n51	25 27	1 58	22 52	0 30	25 14	1 8	24 46	0 55	22 21	2 13	18 54	0 54	24 53	0 51	2 7	6 23	23 15	23 12	13 8			n.a.
S 20	24 6	25 56	2 8	25 37	1 58	23 6	0 32	25 12	1 8	24 47	0 55	22 19	2 13	18 55	0 54	24 53	0 51	2 7	6 23	23 15	23 11	13 11			n.a.
S 21	24 7	25 16	3 16	25 45	1 57	23 19	0 34	25 11	1 8	24 48	0 55	22 18	2 13	18 55	0 54	24 53	0 51	2 7	6 23	23 15	23 11	13 14			n.a.
M22	24 6	23 1	4 10	25 51	1 56	23 31	0 37	25 10	1 8	24 49	0 55	22 16	2 13	18 56	0 54	24 53	0 51	2 7	6 23	23 15	23 10	13 16			n.a.
T 23	24 6	19 32	4 48	25 55	1 55	23 43	0 39	25 8	1 8	24 50	0 56	22 14	2 13	18 56	0 54	24 53	0 51	2 7	6 23	23 14	23 10	13 19			n.a.
W24	24 4	15 10	5 10	25 57	1 53	23 54	0 41	25 6	1 8	24 51	0 56	22 12	2 13	18 57	0 54	24 53	0 51	2 7	6 23	23 14	23 10	13 22			n.a.
T 25	24 3	10 16	5 16	25 57	1 50	24 5	0 43	25 3	1 8	24 52	0 56	22 10	2 13	18 57	0 54	24 53	0 51	2 6	6 23	23 14	23 9	13 25			n.a.
F 26	24 1	5 5	5 6	25 54	1 47	24 14	0 45	25 1	1 8	24 53	0 56	22 9	2 13	18 58	0 54	24 53	0 51	2 6	6 23	23 14	23 9	13 28			n.a.
S 27	23 58	0s11	4 43	25 49	1 43	24 23	0 47	24 58	1 7	24 54	0 56	22 7	2 13	18 59	0 55	24 53	0 51	2 6	6 24	23 14	23 9	13 30			n.a.
S 28	23 55	5 22	4 9	25 41	1 39	24 31	0 49	24 54	1 7	24 55	0 56	22 5	2 13	18 59	0 55	24 53	0 51	2 6	6 24	23 14	23 8	13 33			n.a.
M29	23 52	10 19	3 23	25 30	1 34	24 39	0 51	24 51	1 7	24 55	0 56	22 3	2 13	19 0	0 55	24 53	0 51	2 6	6 24	23 14	23 8	13 36			n.a.
T 30	23 48	14 54	2 30	25 18	1 28	24 45	0 53	24 47	1 7	24 56	0 56	22 1	2 13	19 0	0 55	24 53	0 51	2 6	6 24	23 14	23 7	13 39			n.a.
W31	23s44	18s56	1n29	25s 2	1s22	24s51	0s55	24s43	1s 7	24s57	0s57	21s59	2s13	19n 1	0n55	24n52	0n51	2n 6	6n24	23n14	23n 7	13s41			n.a.

Julian Day Number = 202348.5, Delta T = 32h07m51s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'43, Lahiri = -61°05'42 Julian Calendar 1 Jan. 4159 BCE == Greg. Calendar 29 Nov. 4160 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

FEBRUARY 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 35 9	10♉53'57	10♐29	12♉42	24♐41	12♉ 8	24♐56	3♒56	10°R19	25°R15	9♎14	15°R 0	13♊53	13♏12	n.a.	T 1
F 2	6 39 6	11°52'40	22°36	14°47	25°55	12°53	25°10	4° 4	10♌17	25♊13	9°14	15♊ 0	13°50	13°18	n.a.	F 2
S 3	6 43 2	12°51'20	4♉55	16°51	27° 8	13°37	25°24	4°12	10°15	25°12	9°15	14°58	13°47	13°25	n.a.	S 3
S 4	6 46 59	13°49'58	17°27	18°56	28°22	14°22	25°38	4°19	10°13	25°10	9°15	14°55	13°44	13°32	n.a.	S 4
M 5	6 50 56	14°48'34	0♒14	21° 1	29°36	15° 6	25°52	4°27	10°11	25° 9	9°15	14°51	13°40	13°38	n.a.	M 5
T 6	6 54 52	15°47'08	13°15	23° 5	0♉49	15°50	26° 6	4°35	10° 8	25° 7	9°15	14°46	13°37	13°45	n.a.	T 6
W 7	6 58 49	16°45'39	26°30	25° 9	2° 3	16°35	26°20	4°42	10° 6	25° 6	9°16	14°41	13°34	13°52	n.a.	W 7
T 8	7 2 45	17°44'08	9♓57	27°12	3°16	17°19	26°33	4°50	10° 4	25° 4	9°16	14°36	13°31	13°58	n.a.	T 8
F 9	7 6 42	18°42'34	23°37	29°13	4°30	18° 3	26°47	4°58	10° 2	25° 3	9°16	14°33	13°28	14° 5	n.a.	F 9
S 10	7 10 38	19°40'58	7♈28	1♒13	5°44	18°47	27° 1	5° 6	9°59	25° 1	9°16	14°30	13°24	14°12	n.a.	S 10
S 11	7 14 35	20°39'20	21°30	3°11	6°57	19°31	27°15	5°13	9°57	25° 0	9°R16	14°D30	13°21	14°18	n.a.	S 11
M12	7 18 31	21°37'40	5♉40	5° 7	8°11	20°15	27°28	5°21	9°55	24°58	9°16	14°31	13°18	14°25	n.a.	M12
T 13	7 22 28	22°35'57	19°57	7° 0	9°24	20°59	27°42	5°29	9°52	24°57	9°16	14°32	13°15	14°32	n.a.	T 13
W14	7 26 24	23°34'11	4♊19	8°50	10°38	21°43	27°56	5°37	9°50	24°55	9°16	14°33	13°12	14°38	n.a.	W14
T 15	7 30 21	24°32'24	18°44	10°36	11°51	22°27	28° 9	5°45	9°47	24°54	9°16	14°R33	13° 9	14°45	n.a.	T 15
F 16	7 34 17	25°30'34	3♋ 6	12°19	13° 5	23°10	28°23	5°53	9°45	24°53	9°16	14°32	13° 5	14°52	n.a.	F 16
S 17	7 38 14	26°28'42	17°21	13°59	14°19	23°54	28°36	6° 1	9°43	24°51	9°15	14°29	13° 2	14°58	n.a.	S 17
S 18	7 42 10	27°26'48	1♌24	15°34	15°32	24°38	28°49	6° 9	9°40	24°50	9°15	14°23	12°59	15° 5	n.a.	S 18
M19	7 46 7	28°24'53	15°11	17° 6	16°46	25°22	29° 3	6°17	9°38	24°49	9°15	14°17	12°56	15°12	n.a.	M19
T 20	7 50 4	29°22'55	28°38	18°33	17°59	26° 5	29°16	6°24	9°35	24°47	9°15	14° 9	12°53	15°18	n.a.	T 20
W21	7 54 0	0♒20'55	11♍44	19°55	19°13	26°49	29°29	6°32	9°33	24°46	9°14	14° 2	12°50	15°25	n.a.	W21
T 22	7 57 57	1°18'54	24°29	21°13	20°26	27°32	29°43	6°40	9°30	24°45	9°14	13°55	12°46	15°32	n.a.	T 22
F 23	8 1 53	2°16'51	6♎55	22°26	21°40	28°15	29°56	6°48	9°28	24°44	9°14	13°50	12°43	15°38	n.a.	F 23
S 24	8 5 50	3°14'46	19° 4	23°35	22°53	28°59	0♉ 9	6°56	9°25	24°42	9°13	13°47	12°40	15°45	n.a.	S 24
S 25	8 9 46	4°12'40	1♏ 2	24°38	24° 7	29°42	0°22	7° 4	9°23	24°41	9°13	13°D46	12°37	15°52	n.a.	S 25
M26	8 13 43	5°10'32	12°52	25°37	25°21	0♒25	0°35	7°12	9°20	24°40	9°13	13°46	12°34	15°58	n.a.	M26
T 27	8 17 39	6° 8'23	24°42	26°31	26°34	1° 9	0°48	7°20	9°18	24°39	9°12	13°47	12°30	16° 5	n.a.	T 27
W28	8 21 36	7♒ 6'13	6♐34	27♒19	27♉48	1♒52	1♉ 1	7♒28	9♌15	24♊38	9♎12	13♊48	12♊27	16♏12	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s39	22s14	0n25	24s44	1s15	24s57	0s56	24s39	1s 7	24s58	0s57	21s57	2s13	19n 1	0n55	24n52	0n51	2n 6	6n24	23n15	23n 7	13s44		n.a.
F 2	23 34	24 36	0s42	24 23	1 8	25 1	0 58	24 35	1 7	24 58	0 57	21 55	2 12	19 2	0 55	24 52	0 51	2 6	6 24	23 15	23 6	13 47		n.a.
S 3	23 28	25 48	1 47	24 0	0 59	25 5	1 0	24 30	1 7	24 59	0 57	21 53	2 12	19 3	0 55	24 52	0 51	2 6	6 24	23 14	23 6	13 50		n.a.
S 4	23 22	25 43	2 49	23 34	0 51	25 8	1 2	24 25	1 6	24 59	0 57	21 51	2 12	19 3	0 55	24 52	0 51	2 6	6 24	23 14	23 5	13 52		n.a.
M 5	23 16	24 17	3 43	23 6	0 42	25 10	1 3	24 20	1 6	25 0	0 57	21 50	2 12	19 4	0 55	24 52	0 51	2 6	6 25	23 14	23 5	13 55		n.a.
T 6	23 9	21 33	4 26	22 36	0 32	25 11	1 5	24 14	1 6	25 1	0 57	21 48	2 12	19 5	0 55	24 52	0 51	2 6	6 25	23 13	23 5	13 58		n.a.
W 7	23 2	17 39	4 56	22 4	0 22	25 12	1 6	24 9	1 6	25 1	0 58	21 46	2 12	19 5	0 55	24 52	0 51	2 6	6 25	23 12	23 4	14 1		n.a.
T 8	22 54	12 49	5 11	21 29	0 11	25 12	1 8	24 3	1 6	25 2	0 58	21 44	2 12	19 6	0 55	24 52	0 51	2 6	6 25	23 12	23 4	14 3		n.a.
F 9	22 46	7 17	5 8	20 53	0n 0	25 11	1 9	23 57	1 6	25 2	0 58	21 42	2 12	19 7	0 55	24 52	0 51	2 6	6 25	23 11	23 3	14 6		n.a.
S 10	22 37	1 20	4 47	20 16	0 11	25 9	1 10	23 50	1 5	25 3	0 58	21 40	2 12	19 7	0 55	24 52	0 51	2 6	6 25	23 11	23 3	14 9		n.a.
S 11	22 28	4n46	4 9	19 37	0 23	25 7	1 12	23 43	1 5	25 3	0 58	21 38	2 12	19 8	0 55	24 52	0 51	2 6	6 25	23 11	23 3	14 12		n.a.
M12	22 19	10 42	3 16	18 58	0 35	25 4	1 13	23 37	1 5	25 4	0 58	21 36	2 12	19 9	0 55	24 52	0 51	2 6	6 25	23 11	23 2	14 14		n.a.
T 13	22 9	16 9	2 10	18 18	0 47	25 0	1 14	23 30	1 5	25 4	0 58	21 34	2 12	19 9	0 55	24 52	0 51	2 6	6 25	23 11	23 2	14 17		n.a.
W14	21 59	20 42	0 55	17 37	0 58	24 55	1 15	23 22	1 5	25 4	0 59	21 32	2 12	19 10	0 55	24 52	0 51	2 6	6 25	23 11	23 1	14 20		n.a.
T 15	21 49	24 0	0n23	16 57	1 10	24 50	1 16	23 15	1 4	25 5	0 59	21 30	2 12	19 11	0 55	24 52	0 51	2 7	6 26	23 11	23 1	14 23		n.a.
F 16	21 38	25 44	1 39	16 16	1 22	24 44	1 17	23 7	1 4	25 5	0 59	21 28	2 12	19 11	0 55	24 52	0 51	2 7	6 26	23 11	23 1	14 25		n.a.
S 17	21 27	25 44	2 48	15 37	1 33	24 37	1 18	22 59	1 4	25 5	0 59	21 26	2 12	19 12	0 55	24 52	0 51	2 7	6 26	23 11	23 0	14 28		n.a.
S 18	21 15	24 5	3 46	14 57	1 45	24 29	1 19	22 51	1 4	25 6	0 59	21 24	2 12	19 13	0 55	24 51	0 51	2 7	6 26	23 10	23 0	14 31		n.a.
M19	21 3	21 1	4 30	14 19	1 55	24 21	1 20	22 42	1 4	25 6	0 59	21 21	2 12	19 13	0 55	24 51	0 51	2 7	6 26	23 10	22 59	14 34		n.a.
T 20	20 51	16 54	4 57	13 42	2 6	24 12	1 20	22 34	1 3	25 6	1 0	21 19	2 12	19 14	0 55	24 51	0 51	2 7	6 26	23 9	22 59	14 36		n.a.
W21	20 39	12 4	5 8	13 7	2 16	24 2	1 21	22 25	1 3	25 7	1 0	21 17	2 12	19 15	0 55	24 51	0 51	2 8	6 26	23 8	22 59	14 39		n.a.
T 22	20 26	6 52	5 3	12 33	2 25	23 51	1 22	22 16	1 3	25 7	1 0	21 15	2 12	19 15	0 55	24 51	0 51	2 8	6 26	23 7	22 58	14 42		n.a.
F 23	20 12	1 30	4 44	12 0	2 34	23 40	1 22	22 7	1 3	25 7	1 0	21 13	2 12	19 16	0 55	24 51	0 51	2 8	6 26	23 6	22 58	14 45		n.a.
S 24	19 59	3s48	4 12	11 30	2 42	23 28	1 23	21 57	1 2	25 7	1 0	21 11	2 12	19 17	0 55	24 51	0 51	2 8	6 26	23 6	22 57	14 47		n.a.
S 25	19 45	8 53	3 30	11 1	2 49	23 16	1 23	21 48	1 2	25 7	1 0	21 9	2 12	19 18	0 55	24 51	0 51	2 9	6 27	23 6	22 57	14 50		n.a.
M26	19 30	13 37	2 39	10 35	2 56	23 2	1 24	21 38	1 2	25 7	1 1	21 7	2 12	19 18	0 55	24 51	0 51	2 9	6 27	23 6	22 56	14 53		n.a.
T 27	19 16	17 51	1 41	10 11	3 2	22 48	1 24	21 28	1 2	25 8	1 1	21 5	2 12	19 19	0 55	24 51	0 51	2 9	6 27	23 6	22 56	14 55		n.a.
W28	19s 1	21s23	0n39	9s50	3n 7	22s34	1s24	21s18	1s 1	25s 8	1s 1	21s 3	2s12	19n20	0n55	24n51	0n51	2n 9	6n27	23n 6	22n56	14s58		n.a.

Julian Day Number = 202379.5, Delta T = 32h07m48s
Ecliptic obliquity = 24°06'52, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'38, Lahiri = -61°05'38 Julian Calendar 1 Feb. 4159 BCE == Greg. Calendar 30 Dec. 4160 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

MARCH 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 32	8♒ 4'00	18♐35	28♒ 3	29♑ 1	2♒35	1♑14	7♒36	9°R13	24°R37	9°R11	13°R48	12♊24	16♏18	n.a.	T 1
F 2	8 29 29	9° 1'47	0♑49	28°41	0♒15	3°18	1°26	7°44	9♌10	24♊35	9♎11	13♊47	12°21	16°25	n.a.	F 2
S 3	8 33 25	9°59'32	13°19	29°14	1°28	4° 1	1°39	7°52	9° 8	24°34	9°10	13°43	12°18	16°32	n.a.	S 3
S 4	8 37 22	10°57'15	26° 7	29°42	2°42	4°44	1°52	8° 0	9° 5	24°33	9° 9	13°37	12°15	16°38	n.a.	S 4
M 5	8 41 19	11°54'57	9♒14	0♓ 5	3°56	5°27	2° 4	8° 8	9° 2	24°32	9° 9	13°29	12°11	16°45	n.a.	M 5
T 6	8 45 15	12°52'37	22°38	0°22	5° 9	6°10	2°17	8°16	9° 0	24°31	9° 8	13°19	12° 8	16°52	n.a.	T 6
W 7	8 49 12	13°50'15	6♓19	0°34	6°23	6°53	2°29	8°24	8°57	24°30	9° 7	13° 9	12° 5	16°58	n.a.	W 7
T 8	8 53 8	14°47'52	20°11	0°41	7°36	7°35	2°41	8°32	8°55	24°29	9° 7	13° 0	12° 2	17° 5	n.a.	T 8
F 9	8 57 5	15°45'27	4♈13	0°R43	8°50	8°18	2°54	8°40	8°52	24°29	9° 6	12°52	11°59	17°12	n.a.	F 9
S 10	9 1 1	16°43'00	18°20	0°40	10° 3	9° 1	3° 6	8°48	8°50	24°28	9° 5	12°47	11°56	17°18	n.a.	S 10
S 11	9 4 58	17°40'31	2♉29	0°32	11°17	9°43	3°18	8°56	8°47	24°27	9° 4	12°44	11°52	17°25	n.a.	S 11
M12	9 8 54	18°38'01	16°38	0°19	12°31	10°26	3°30	9° 4	8°45	24°26	9° 4	12°D43	11°49	17°32	n.a.	M12
T 13	9 12 51	19°35'29	0♊45	0° 3	13°44	11° 8	3°42	9°12	8°42	24°25	9° 3	12°43	11°46	17°38	n.a.	T 13
W14	9 16 47	20°32'56	14°51	29♒42	14°58	11°51	3°54	9°19	8°40	24°24	9° 2	12°R44	11°43	17°45	n.a.	W14
T 15	9 20 44	21°30'20	28°53	29°18	16°11	12°33	4° 6	9°27	8°37	24°24	9° 1	12°43	11°40	17°52	n.a.	T 15
F 16	9 24 40	22°27'44	12♋49	28°51	17°25	13°15	4°18	9°35	8°35	24°23	9° 0	12°40	11°36	17°58	n.a.	F 16
S 17	9 28 37	23°25'05	26°39	28°21	18°38	13°58	4°29	9°43	8°33	24°22	8°59	12°34	11°33	18° 5	n.a.	S 17
S 18	9 32 34	24°22'26	10♌18	27°49	19°52	14°40	4°41	9°51	8°30	24°22	8°58	12°25	11°30	18°12	n.a.	S 18
M19	9 36 30	25°19'45	23°45	27°15	21° 5	15°22	4°52	9°59	8°28	24°21	8°57	12°15	11°27	18°18	n.a.	M19
T 20	9 40 27	26°17'02	6♍57	26°40	22°19	16° 4	5° 4	10° 6	8°25	24°20	8°56	12° 3	11°24	18°25	n.a.	T 20
W21	9 44 23	27°14'19	19°52	26° 6	23°33	16°46	5°15	10°14	8°23	24°20	8°55	11°51	11°21	18°32	n.a.	W21
T 22	9 48 20	28°11'34	2♎30	25°31	24°46	17°28	5°26	10°22	8°21	24°19	8°54	11°41	11°17	18°38	n.a.	T 22
F 23	9 52 16	29° 8'49	14°52	24°57	26° 0	18°10	5°37	10°30	8°18	24°19	8°53	11°32	11°14	18°45	n.a.	F 23
S 24	9 56 13	0♓ 6'02	26°59	24°25	27°13	18°52	5°48	10°37	8°16	24°18	8°52	11°25	11°11	18°51	n.a.	S 24
S 25	10 0 9	1° 3'15	8♏56	23°55	28°27	19°34	5°59	10°45	8°14	24°18	8°51	11°21	11° 8	18°58	n.a.	S 25
M26	10 4 6	2° 0'27	20°46	23°27	29°41	20°16	6°10	10°53	8°12	24°17	8°50	11°19	11° 5	19° 5	n.a.	M26
T 27	10 8 3	2°57'38	2♐35	23° 2	0♓54	20°58	6°21	11° 0	8° 9	24°17	8°49	11°D19	11° 1	19°11	n.a.	T 27
W28	10 11 59	3°54'49	14°28	22°40	2° 8	21°39	6°32	11° 8	8° 7	24°17	8°47	11°R19	10°58	19°18	n.a.	W28
T 29	10 15 56	4°51'59	26°31	22°22	3°21	22°21	6°42	11°15	8° 5	24°16	8°46	11°18	10°55	19°25	n.a.	T 29
F 30	10 19 52	5°49'09	8♑48	22° 8	4°35	23° 3	6°53	11°23	8° 3	24°16	8°45	11°16	10°52	19°31	n.a.	F 30
S 31	10 23 49	6♓46'18	21♑24	21♒58	5♓49	23♒44	7♑ 3	11♒31	8♌ 1	24♊16	8♎44	11♊12	10♊49	19♏38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	18s46	24s 2	0s26	9s31	3n11	22s18	1s24	21s 8	1s 1	25s 8	1s 1	21s 1	2s12	19n20	0n55	24n51	0n51	2n10	6n27	23n 6	22n55	15s 1			n.a.
F 2	18 30	25 37	1 30	9 14	3 14	22 2	1 24	20 57	1 1	25 8	1 1	20 59	2 12	19 21	0 55	24 51	0 51	2 10	6 27	23 6	22 55	15 4			n.a.
S 3	18 14	25 56	2 31	9 1	3 16	21 46	1 25	20 46	1 1	25 8	1 2	20 56	2 12	19 22	0 55	24 51	0 51	2 10	6 27	23 5	22 54	15 6			n.a.
S 4	17 58	24 54	3 27	8 50	3 17	21 29	1 25	20 36	1 0	25 8	1 2	20 54	2 12	19 22	0 55	24 51	0 51	2 11	6 27	23 5	22 54	15 9			n.a.
M 5	17 42	22 29	4 12	8 42	3 17	21 11	1 24	20 24	1 0	25 8	1 2	20 52	2 12	19 23	0 55	24 51	0 51	2 11	6 27	23 4	22 53	15 12			n.a.
T 6	17 25	18 49	4 45	8 37	3 16	20 53	1 24	20 13	1 0	25 8	1 2	20 50	2 12	19 24	0 55	24 51	0 51	2 11	6 27	23 2	22 53	15 14			n.a.
W 7	17 8	14 6	5 2	8 35	3 13	20 34	1 24	20 2	0 59	25 8	1 2	20 48	2 13	19 24	0 55	24 51	0 51	2 12	6 27	23 1	22 53	15 17			n.a.
T 8	16 51	8 35	5 2	8 35	3 10	20 14	1 24	19 50	0 59	25 8	1 3	20 46	2 13	19 25	0 55	24 51	0 51	2 12	6 27	23 0	22 52	15 20			n.a.
F 9	16 34	2 36	4 43	8 39	3 5	19 54	1 24	19 39	0 59	25 8	1 3	20 44	2 13	19 26	0 55	24 50	0 51	2 12	6 28	22 59	22 52	15 22			n.a.
S 10	16 16	3n35	4 8	8 46	2 59	19 33	1 23	19 27	0 58	25 8	1 3	20 42	2 13	19 26	0 55	24 50	0 51	2 13	6 28	22 58	22 51	15 25			n.a.
S 11	15 58	9 36	3 17	8 55	2 52	19 12	1 23	19 15	0 58	25 8	1 3	20 40	2 13	19 27	0 55	24 50	0 51	2 13	6 28	22 58	22 51	15 28			n.a.
M12	15 40	15 8	2 14	9 8	2 44	18 50	1 22	19 3	0 58	25 7	1 3	20 38	2 13	19 28	0 55	24 50	0 51	2 13	6 28	22 58	22 50	15 30			n.a.
T 13	15 21	19 51	1 3	9 23	2 34	18 28	1 22	18 50	0 57	25 7	1 4	20 35	2 13	19 29	0 55	24 50	0 51	2 14	6 28	22 58	22 50	15 33			n.a.
W14	15 3	23 25	0n11	9 40	2 23	18 5	1 21	18 38	0 57	25 7	1 4	20 33	2 13	19 29	0 55	24 50	0 51	2 14	6 28	22 58	22 50	15 36			n.a.
T 15	14 44	25 31	1 25	10 0	2 12	17 42	1 20	18 25	0 57	25 7	1 4	20 31	2 13	19 30	0 55	24 50	0 51	2 15	6 28	22 58	22 49	15 38			n.a.
F 16	14 25	26 1	2 33	10 21	1 59	17 19	1 20	18 13	0 56	25 7	1 4	20 29	2 13	19 30	0 55	24 50	0 51	2 15	6 28	22 57	22 49	15 41			n.a.
S 17	14 5	24 52	3 31	10 45	1 45	16 54	1 19	18 0	0 56	25 7	1 5	20 27	2 13	19 31	0 55	24 50	0 51	2 15	6 28	22 57	22 48	15 44			n.a.
S 18	13 46	22 15	4 16	11 10	1 30	16 30	1 18	17 47	0 56	25 6	1 5	20 25	2 13	19 32	0 55	24 50	0 51	2 16	6 28	22 55	22 48	15 46			n.a.
M19	13 26	18 27	4 46	11 36	1 15	16 5	1 17	17 34	0 55	25 6	1 5	20 23	2 13	19 32	0 55	24 50	0 51	2 16	6 28	22 54	22 47	15 49			n.a.
T 20	13 6	13 49	5 0	12 3	0 59	15 39	1 16	17 20	0 55	25 6	1 5	20 21	2 13	19 33	0 55	24 50	0 51	2 17	6 28	22 52	22 47	15 52			n.a.
W21	12 46	8 40	4 58	12 30	0 43	15 14	1 15	17 7	0 55	25 6	1 5	20 19	2 14	19 34	0 55	24 50	0 51	2 17	6 28	22 51	22 46	15 54			n.a.
T 22	12 26	3 16	4 42	12 57	0 27	14 47	1 14	16 54	0 54	25 6	1 6	20 17	2 14	19 34	0 55	24 50	0 51	2 18	6 28	22 49	22 46	15 57			n.a.
F 23	12 6	2s 9	4 13	13 25	0 10	14 21	1 13	16 40	0 54	25 5	1 6	20 14	2 14	19 35	0 55	24 50	0 51	2 18	6 28	22 48	22 46	16 0			n.a.
S 24	11 45	7 24	3 32	13 51	0s 6	13 54	1 12	16 26	0 54	25 5	1 6	20 12	2 14	19 35	0 55	24 50	0 51	2 19	6 28	22 47	22 45	16 2			n.a.
S 25	11 24	12 19	2 43	14 17	0 23	13 26	1 10	16 12	0 53	25 5	1 6	20 10	2 14	19 36	0 55	24 50	0 51	2 19	6 28	22 47	22 45	16 5			n.a.
M26	11 3	16 44	1 47	14 41	0 39	12 59	1 9	15 58	0 53	25 5	1 7	20 8	2 14	19 37	0 55	24 50	0 51	2 20	6 28	22 46	22 44	16 8			n.a.
T 27	10 42	20 31	0 46	15 5	0 54	12 31	1 8	15 44	0 53	25 4	1 7	20 6	2 14	19 37	0 55	24 50	0 51	2 20	6 28	22 46	22 44	16 10			n.a.
W28	10 21	23 28	0s17	15 26	1 9	12 2	1 6	15 30	0 52	25 4	1 7	20 4	2 14	19 38	0 55	24 50	0 51	2 21	6 28	22 46	22 43	16 13			n.a.
T 29	10 0	25 24	1 20	15 45	1 24	11 34	1 5	15 16	0 52	25 4	1 7	20 2	2 14	19 38	0 55	24 50	0 51	2 21	6 28	22 46	22 43	16 16			n.a.
F 30	9 38	26 9	2 20	16 3	1 37	11 5	1 3	15 1	0 51	25 3	1 8	20 0	2 15	19 39	0 55	24 50	0 51	2 22	6 28	22 46	22 42	16 18			n.a.
S 31	9s16	25s34	3s15	16s18	1s50	10s35	1s 2	14s47	0s51	25s 3	1s 8	19s58	2s15	19n39	0n55	24n50	0n51	2n22	6n28	22n45	22n42	16s21			n.a.

Julian Day Number = 202407.5, Delta T = 32h07m45s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'35, Lahiri = -61°05'34 Julian Calendar 1 March 4159 BCE == Greg. Calendar 27 Jan. 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

APRIL 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 27 45	7♓43'26	4♒23	21°R52	7♓ 2	24♒26	7♉13	11♒38	7°R59	24°R16	8°R42	11°R 4	10♊46	19♏45	n.a.	S 1
M 2	10 31 42	8°40'33	17°44	21°D50	8°16	25° 7	7°24	11°45	7♌57	24♊15	8♎41	10♊55	10°42	19°51	n.a.	M 2
T 3	10 35 38	9°37'40	1♓28	21♒54	9°29	25°49	7°34	11°53	7°55	24°15	8°40	10°44	10°39	19°58	n.a.	T 3
W 4	10 39 35	10°34'46	15°32	22° 1	10°43	26°30	7°44	12° 0	7°53	24°15	8°39	10°32	10°36	20° 5	n.a.	W 4
T 5	10 43 32	11°31'52	29°50	22°13	11°57	27°11	7°53	12° 8	7°51	24°15	8°37	10°21	10°33	20°11	n.a.	T 5
F 6	10 47 28	12°28'56	14♈17	22°30	13°10	27°53	8° 3	12°15	7°49	24°15	8°36	10°11	10°30	20°18	n.a.	F 6
S 7	10 51 25	13°26'00	28°47	22°51	14°24	28°34	8°13	12°22	7°47	24°15	8°35	10° 5	10°27	20°25	n.a.	S 7
S 8	10 55 21	14°23'03	13♉13	23°16	15°38	29°15	8°22	12°29	7°45	24°D15	8°33	10° 1	10°23	20°31	n.a.	S 8
M 9	10 59 18	15°20'06	27°32	23°46	16°51	29°56	8°32	12°37	7°43	24°15	8°32	9°59	10°20	20°38	n.a.	M 9
T 10	11 3 14	16°17'07	11♊42	24°20	18° 5	0♓37	8°41	12°44	7°41	24°15	8°30	9°59	10°17	20°45	n.a.	T 10
W11	11 7 11	17°14'08	25°42	24°59	19°19	1°18	8°50	12°51	7°39	24°15	8°29	9°59	10°14	20°51	n.a.	W11
T 12	11 11 8	18°11'08	9♋30	25°41	20°32	1°59	8°59	12°58	7°38	24°15	8°28	9°57	10°11	20°58	n.a.	T 12
F 13	11 15 4	19° 8'08	23° 9	26°28	21°46	2°40	9° 8	13° 5	7°36	24°15	8°26	9°54	10° 7	21° 5	n.a.	F 13
S 14	11 19 1	20° 5'07	6♌36	27°18	23° 0	3°21	9°17	13°12	7°34	24°16	8°25	9°48	10° 4	21°11	n.a.	S 14
S 15	11 22 57	21° 2'05	19°52	28°12	24°13	4° 2	9°25	13°19	7°33	24°16	8°23	9°39	10° 1	21°18	n.a.	S 15
M16	11 26 54	21°59'02	2♍57	29°11	25°27	4°43	9°34	13°26	7°31	24°16	8°22	9°29	9°58	21°25	n.a.	M16
T 17	11 30 50	22°56'00	15°49	0♓12	26°41	5°23	9°42	13°32	7°30	24°16	8°20	9°17	9°55	21°31	n.a.	T 17
W18	11 34 47	23°52'57	28°28	1°18	27°54	6° 4	9°50	13°39	7°28	24°17	8°19	9° 4	9°52	21°38	n.a.	W18
T 19	11 38 43	24°49'54	10♎53	2°27	29° 8	6°45	9°58	13°46	7°27	24°17	8°17	8°53	9°48	21°45	n.a.	T 19
F 20	11 42 40	25°46'51	23° 6	3°40	0♈22	7°25	10° 6	13°52	7°25	24°17	8°16	8°44	9°45	21°51	n.a.	F 20
S 21	11 46 37	26°43'47	5♏ 8	4°56	1°35	8° 6	10°14	13°59	7°24	24°18	8°14	8°37	9°42	21°58	n.a.	S 21
S 22	11 50 33	27°40'44	17° 1	6°16	2°49	8°46	10°22	14° 6	7°23	24°18	8°13	8°32	9°39	22° 4	n.a.	S 22
M23	11 54 30	28°37'42	28°50	7°39	4° 3	9°27	10°29	14°12	7°21	24°19	8°11	8°30	9°36	22°11	n.a.	M23
T 24	11 58 26	29°34'39	10♐38	9° 5	5°16	10° 7	10°37	14°19	7°20	24°19	8°10	8°D30	9°33	22°18	n.a.	T 24
W25	12 2 23	0♈31'37	22°30	10°35	6°30	10°48	10°44	14°25	7°19	24°20	8° 8	8°30	9°29	22°24	n.a.	W25
T 26	12 6 20	1°28'35	4♉32	12° 8	7°44	11°28	10°51	14°31	7°18	24°20	8° 7	8°R30	9°26	22°31	n.a.	T 26
F 27	12 10 16	2°25'33	16°50	13°45	8°57	12° 8	10°58	14°38	7°17	24°21	8° 5	8°29	9°23	22°38	n.a.	F 27
S 28	12 14 13	3°22'32	29°27	15°24	10°11	12°48	11° 5	14°44	7°16	24°22	8° 4	8°26	9°20	22°44	n.a.	S 28
S 29	12 18 9	4°19'31	12♒28	17° 7	11°25	13°29	11°12	14°50	7°15	24°22	8° 2	8°21	9°17	22°51	n.a.	S 29
M30	12 22 6	5♈16'31	25♒56	18♓53	12♈39	14♓ 9	11♉18	14♒56	7♌14	24♊23	8♎ 1	8♊14	9♊13	22♏58	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8s55	23s37	4s 2	16s31	2s 2	10s 6	1s 0	14s32	0s51	25s 3	1s 8	19s56	2s15	19n40	0n55	24n50	0n51	2n23	6n28	22n44	22n41	16s23		n.a.
M 2	8 33	20 19	4 37	16 42	2 13	9 36	0 59	14 18	0 50	25 2	1 8	19 54	2 15	19 41	0 55	24 50	0 51	2 23	6 28	22 43	22 41	16 26		n.a.
T 3	8 11	15 51	4 57	16 51	2 22	9 6	0 57	14 3	0 50	25 2	1 9	19 52	2 15	19 41	0 55	24 50	0 50	2 24	6 28	22 41	22 40	16 29		n.a.
W 4	7 48	10 26	4 59	16 56	2 31	8 36	0 55	13 48	0 49	25 2	1 9	19 50	2 15	19 42	0 55	24 50	0 50	2 24	6 28	22 39	22 40	16 31		n.a.
T 5	7 26	4 23	4 43	17 0	2 39	8 6	0 53	13 33	0 49	25 1	1 9	19 48	2 15	19 42	0 55	24 50	0 50	2 25	6 28	22 38	22 40	16 34		n.a.
F 6	7 4	1n58	4 9	17 1	2 46	7 35	0 52	13 18	0 49	25 1	1 10	19 46	2 16	19 43	0 55	24 50	0 50	2 25	6 28	22 36	22 39	16 37		n.a.
S 7	6 41	8 15	3 19	16 59	2 52	7 4	0 50	13 3	0 48	25 1	1 10	19 44	2 16	19 43	0 55	24 50	0 50	2 26	6 28	22 35	22 39	16 39		n.a.
S 8	6 19	14 5	2 16	16 55	2 57	6 33	0 48	12 48	0 48	25 0	1 10	19 42	2 16	19 43	0 55	24 50	0 50	2 26	6 28	22 35	22 38	16 42		n.a.
M 9	5 56	19 6	1 5	16 49	3 2	6 2	0 46	12 33	0 47	25 0	1 10	19 40	2 16	19 44	0 54	24 50	0 50	2 27	6 28	22 34	22 38	16 44		n.a.
T 10	5 33	22 59	0n 9	16 40	3 5	5 31	0 44	12 17	0 47	25 0	1 11	19 38	2 16	19 44	0 54	24 49	0 50	2 27	6 28	22 34	22 37	16 47		n.a.
W11	5 11	25 25	1 22	16 29	3 7	4 59	0 42	12 2	0 46	24 59	1 11	19 36	2 16	19 45	0 54	24 49	0 50	2 28	6 28	22 34	22 37	16 50		n.a.
T 12	4 48	26 15	2 29	16 15	3 8	4 28	0 40	11 46	0 46	24 59	1 11	19 34	2 16	19 45	0 54	24 49	0 50	2 28	6 28	22 34	22 36	16 52		n.a.
F 13	4 25	25 28	3 27	15 59	3 9	3 56	0 38	11 31	0 46	24 59	1 12	19 32	2 17	19 46	0 54	24 49	0 50	2 29	6 28	22 34	22 36	16 55		n.a.
S 14	4 2	23 13	4 13	15 41	3 8	3 24	0 36	11 15	0 45	24 58	1 12	19 30	2 17	19 46	0 54	24 49	0 50	2 30	6 28	22 33	22 35	16 57		n.a.
S 15	3 39	19 44	4 43	15 20	3 7	2 52	0 34	11 0	0 45	24 58	1 12	19 29	2 17	19 46	0 54	24 49	0 50	2 30	6 28	22 32	22 35	17 0		n.a.
M16	3 16	15 20	4 59	14 58	3 5	2 20	0 31	10 44	0 44	24 58	1 12	19 27	2 17	19 47	0 54	24 49	0 50	2 31	6 28	22 30	22 34	17 3		n.a.
T 17	2 53	10 19	4 59	14 32	3 2	1 48	0 29	10 28	0 44	24 57	1 13	19 25	2 17	19 47	0 54	24 49	0 50	2 31	6 28	22 28	22 34	17 5		n.a.
W18	2 30	4 57	4 44	14 5	2 59	1 16	0 27	10 12	0 43	24 57	1 13	19 23	2 17	19 48	0 54	24 49	0 50	2 32	6 28	22 26	22 33	17 8		n.a.
T 19	2 7	0s31	4 16	13 35	2 54	0 44	0 25	9 57	0 43	24 57	1 13	19 21	2 18	19 48	0 54	24 49	0 50	2 32	6 28	22 24	22 33	17 10		n.a.
F 20	1 43	5 53	3 36	13 4	2 49	0 12	0 23	9 41	0 42	24 56	1 14	19 19	2 18	19 48	0 54	24 49	0 50	2 33	6 28	22 23	22 32	17 13		n.a.
S 21	1 20	10 59	2 47	12 30	2 44	0n20	0 20	9 25	0 42	24 56	1 14	19 18	2 18	19 49	0 54	24 49	0 50	2 33	6 28	22 22	22 32	17 15		n.a.
S 22	0 57	15 37	1 52	11 53	2 37	0 53	0 18	9 9	0 41	24 56	1 14	19 16	2 18	19 49	0 54	24 49	0 50	2 34	6 28	22 21	22 31	17 18		n.a.
M23	0 34	19 38	0 51	11 15	2 30	1 25	0 16	8 53	0 41	24 56	1 15	19 14	2 18	19 49	0 54	24 49	0 50	2 34	6 28	22 21	22 31	17 21		n.a.
T 24	0 10	22 52	0s11	10 35	2 23	1 57	0 13	8 36	0 40	24 55	1 15	19 12	2 19	19 49	0 54	24 49	0 50	2 35	6 28	22 21	22 30	17 23		n.a.
W25	0n13	25 8	1 14	9 52	2 15	2 29	0 11	8 20	0 40	24 55	1 15	19 10	2 19	19 50	0 54	24 49	0 50	2 36	6 28	22 21	22 30	17 26		n.a.
T 26	0 36	26 16	2 14	9 8	2 6	3 1	0 9	8 4	0 40	24 55	1 15	19 9	2 19	19 50	0 54	24 50	0 50	2 36	6 28	22 21	22 29	17 28		n.a.
F 27	0 59	26 9	3 10	8 22	1 57	3 33	0 6	7 48	0 39	24 54	1 16	19 7	2 19	19 50	0 54	24 50	0 50	2 37	6 28	22 20	22 29	17 31		n.a.
S 28	1 23	24 42	3 57	7 33	1 48	4 5	0 4	7 32	0 39	24 54	1 16	19 5	2 19	19 50	0 54	24 50	0 50	2 37	6 27	22 20	22 28	17 33		n.a.
S 29	1 46	21 54	4 34	6 43	1 38	4 37	0 2	7 15	0 38	24 54	1 16	19 4	2 20	19 51	0 54	24 50	0 50	2 38	6 27	22 19	22 28	17 36		n.a.
M30	2n 9	17s52	4s57	5s51	1s28	5n 8	0n 1	6s59	0s38	24s54	1s17	19s 2	2s20	19n51	0n54	24n50	0n50	2n38	6n27	22n18	22n27	17s38		n.a.

Julian Day Number = 202438.5, Delta T = 32h07m42s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'30, Lahiri = -61°05'30 Julian Calendar 1 Apr. 4159 BCE == Greg. Calendar 27 Feb. 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

MAY 4159 BCE (-4158) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 26 2	6♈13'31	9♓50	20♓42	13♈52	14♓49	11♉25	15♒ 2	7°R13	24♊24	7°R59	8°R 5	9♊10	23♏ 4	n.a.	T 1
W 2	12 29 59	7°10'31	24° 9	22°33	15° 6	15°29	11°31	15° 8	7♌12	24°24	7♎58	7♊56	9° 7	23°11	n.a.	W 2
T 3	12 33 56	8° 7'32	8♈46	24°28	16°20	16° 9	11°37	15°14	7°11	24°25	7°56	7°47	9° 4	23°18	n.a.	T 3
F 4	12 37 52	9° 4'33	23°35	26°24	17°34	16°49	11°43	15°20	7°10	24°26	7°54	7°39	9° 1	23°24	n.a.	F 4
S 5	12 41 49	10° 1'35	8♉28	28°24	18°47	17°29	11°49	15°26	7°10	24°27	7°53	7°34	8°58	23°31	n.a.	S 5
S 6	12 45 45	10°58'37	23°16	0♈25	20° 1	18° 9	11°54	15°31	7° 9	24°28	7°51	7°31	8°54	23°38	n.a.	S 6
M 7	12 49 42	11°55'39	7♊52	2°28	21°15	18°48	12° 0	15°37	7° 8	24°29	7°50	7°D31	8°51	23°44	n.a.	M 7
T 8	12 53 38	12°52'41	22°14	4°33	22°29	19°28	12° 5	15°42	7° 8	24°30	7°48	7°31	8°48	23°51	n.a.	T 8
W 9	12 57 35	13°49'44	6♋18	6°39	23°43	20° 8	12°10	15°48	7° 7	24°31	7°47	7°32	8°45	23°58	n.a.	W 9
T 10	13 1 32	14°46'47	20° 5	8°46	24°56	20°48	12°15	15°53	7° 7	24°32	7°45	7°R32	8°42	24° 4	n.a.	T 10
F 11	13 5 28	15°43'50	3♌34	10°54	26°10	21°27	12°20	15°59	7° 6	24°33	7°44	7°30	8°38	24°11	n.a.	F 11
S 12	13 9 25	16°40'54	16°48	13° 2	27°24	22° 7	12°24	16° 4	7° 6	24°34	7°42	7°27	8°35	24°18	n.a.	S 12
S 13	13 13 21	17°37'58	29°47	15°10	28°38	22°46	12°29	16° 9	7° 6	24°35	7°41	7°21	8°32	24°24	n.a.	S 13
M14	13 17 18	18°35'02	12♍32	17°19	29°51	23°26	12°33	16°14	7° 6	24°36	7°39	7°14	8°29	24°31	n.a.	M14
T 15	13 21 14	19°32'07	25° 6	19°27	1♎ 5	24° 5	12°37	16°19	7° 5	24°37	7°38	7° 6	8°26	24°37	n.a.	T 15
W16	13 25 11	20°29'12	7♎28	21°34	2°19	24°45	12°41	16°24	7° 5	24°38	7°36	6°57	8°23	24°44	n.a.	W16
T 17	13 29 8	21°26'19	19°40	23°41	3°33	25°24	12°44	16°29	7° 5	24°39	7°35	6°50	8°19	24°51	n.a.	T 17
F 18	13 33 4	22°23'26	1♏42	25°47	4°47	26° 3	12°48	16°34	7°D 5	24°41	7°33	6°43	8°16	24°57	n.a.	F 18
S 19	13 37 1	23°20'34	13°37	27°51	6° 1	26°43	12°51	16°39	7° 5	24°42	7°32	6°39	8°13	25° 4	n.a.	S 19
S 20	13 40 57	24°17'43	25°27	29°55	7°14	27°22	12°55	16°43	7° 5	24°43	7°30	6°36	8°10	25°11	n.a.	S 20
M21	13 44 54	25°14'53	7♐14	1♉57	8°28	28° 1	12°58	16°48	7° 5	24°44	7°29	6°D36	8° 7	25°17	n.a.	M21
T 22	13 48 50	26°12'05	19° 2	3°57	9°42	28°40	13° 0	16°52	7° 5	24°46	7°27	6°36	8° 4	25°24	n.a.	T 22
W23	13 52 47	27° 9'17	0♑54	5°56	10°56	29°19	13° 3	16°57	7° 6	24°47	7°26	6°38	8° 0	25°31	n.a.	W23
T 24	13 56 44	28° 6'31	12°56	7°54	12°10	29°58	13° 5	17° 1	7° 6	24°49	7°24	6°39	7°57	25°37	n.a.	T 24
F 25	14 0 40	29° 3'47	25°13	9°50	13°23	0♈38	13° 8	17° 5	7° 6	24°50	7°23	6°R40	7°54	25°44	n.a.	F 25
S 26	14 4 37	0♉ 1'03	7♒48	11°44	14°37	1°17	13°10	17° 9	7° 6	24°51	7°22	6°40	7°51	25°51	n.a.	S 26
S 27	14 8 33	0°58'21	20°47	13°37	15°51	1°55	13°11	17°13	7° 7	24°53	7°20	6°38	7°48	25°57	n.a.	S 27
M28	14 12 30	1°55'41	4♓13	15°28	17° 5	2°34	13°13	17°17	7° 7	24°54	7°19	6°35	7°44	26° 4	n.a.	M28
T 29	14 16 27	2°53'01	18° 6	17°18	18°19	3°13	13°15	17°21	7° 8	24°56	7°17	6°31	7°41	26°11	n.a.	T 29
W30	14 20 23	3°50'24	2♈27	19° 6	19°33	3°52	13°16	17°25	7° 8	24°57	7°16	6°26	7°38	26°17	n.a.	W30
T 31	14 24 20	4♉47'47	17♈10	20♉52	20♉47	4♈31	13♑17	17♒29	7♌ 9	24♊59	7♎15	6♊22	7♊35	26♏24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n32	12s46	5s 4	4s58	1s17	5n40	0n 3	6s43	0s37	24s53	1s17	19s 0	2s20	19n51	0n54	24n50	0n50	2n39	6n27	22n16	22n27	17s41		n.a.
W 2	2 56	6 50	4 52	4 3	1 6	6 12	0 5	6 26	0 37	24 53	1 17	18 59	2 20	19 51	0 54	24 50	0 50	2 39	6 27	22 15	22 26	17 43		n.a.
T 3	3 19	0 25	4 21	3 6	0 55	6 43	0 8	6 10	0 36	24 53	1 18	18 57	2 21	19 51	0 54	24 50	0 50	2 40	6 27	22 13	22 26	17 46		n.a.
F 4	3 42	6n 8	3 33	2 8	0 44	7 14	0 10	5 53	0 36	24 53	1 18	18 56	2 21	19 52	0 54	24 50	0 50	2 40	6 27	22 12	22 25	17 48		n.a.
S 5	4 5	12 23	2 29	1 9	0 33	7 45	0 13	5 37	0 35	24 53	1 18	18 54	2 21	19 52	0 54	24 50	0 50	2 41	6 27	22 11	22 25	17 51		n.a.
S 6	4 28	17 54	1 16	0 10	0 22	8 16	0 15	5 21	0 35	24 52	1 19	18 53	2 21	19 52	0 53	24 50	0 50	2 41	6 27	22 11	22 24	17 54		n.a.
M 7	4 51	22 16	0n 2	0n51	0 11	8 47	0 17	5 4	0 34	24 52	1 19	18 51	2 21	19 52	0 53	24 50	0 50	2 42	6 26	22 11	22 24	17 56		n.a.
T 8	5 13	25 11	1 18	1 52	0n 0	9 17	0 20	4 48	0 34	24 52	1 20	18 50	2 22	19 52	0 53	24 50	0 50	2 42	6 26	22 11	22 23	17 59		n.a.
W 9	5 36	26 26	2 28	2 53	0 11	9 48	0 22	4 31	0 33	24 52	1 20	18 48	2 22	19 52	0 53	24 50	0 50	2 43	6 26	22 11	22 23	18 1		n.a.
T 10	5 59	26 0	3 28	3 54	0 21	10 18	0 24	4 15	0 33	24 52	1 20	18 47	2 22	19 52	0 53	24 50	0 50	2 43	6 26	22 11	22 22	18 4		n.a.
F 11	6 22	24 2	4 15	4 55	0 31	10 48	0 27	3 58	0 32	24 52	1 21	18 45	2 22	19 52	0 53	24 50	0 50	2 44	6 26	22 11	22 22	18 6		n.a.
S 12	6 44	20 48	4 48	5 55	0 41	11 17	0 29	3 42	0 31	24 52	1 21	18 44	2 23	19 52	0 53	24 50	0 50	2 44	6 26	22 10	22 21	18 9		n.a.
S 13	7 7	16 36	5 5	6 54	0 50	11 46	0 31	3 25	0 31	24 52	1 21	18 42	2 23	19 52	0 53	24 50	0 50	2 45	6 26	22 9	22 21	18 11		n.a.
M14	7 29	11 44	5 6	7 53	0 59	12 15	0 34	3 9	0 30	24 51	1 22	18 41	2 23	19 52	0 53	24 50	0 50	2 45	6 26	22 8	22 20	18 14		n.a.
T 15	7 51	6 27	4 52	8 51	1 7	12 44	0 36	2 52	0 30	24 51	1 22	18 40	2 23	19 52	0 53	24 50	0 50	2 46	6 25	22 7	22 20	18 16		n.a.
W16	8 13	1 0	4 25	9 47	1 15	13 13	0 38	2 35	0 29	24 51	1 22	18 38	2 24	19 52	0 53	24 50	0 50	2 46	6 25	22 5	22 19	18 19		n.a.
T 17	8 35	4s25	3 46	10 42	1 21	13 41	0 40	2 19	0 29	24 51	1 23	18 37	2 24	19 52	0 53	24 50	0 50	2 47	6 25	22 4	22 19	18 21		n.a.
F 18	8 57	9 38	2 58	11 35	1 28	14 8	0 43	2 2	0 28	24 51	1 23	18 36	2 24	19 52	0 53	24 50	0 50	2 47	6 25	22 3	22 18	18 23		n.a.
S 19	9 19	14 27	2 1	12 27	1 33	14 36	0 45	1 46	0 28	24 51	1 23	18 35	2 25	19 52	0 53	24 50	0 50	2 48	6 25	22 2	22 18	18 26		n.a.
S 20	9 41	18 41	1 0	13 17	1 38	15 3	0 47	1 29	0 27	24 52	1 24	18 34	2 25	19 52	0 53	24 50	0 50	2 48	6 25	22 1	22 17	18 28		n.a.
M21	10 2	22 11	0s 3	14 5	1 43	15 30	0 49	1 13	0 27	24 52	1 24	18 32	2 25	19 52	0 53	24 50	0 50	2 49	6 24	22 1	22 17	18 31		n.a.
T 22	10 23	24 46	1 7	14 51	1 47	15 56	0 51	0 56	0 26	24 52	1 25	18 31	2 25	19 52	0 53	24 50	0 50	2 49	6 24	22 1	22 16	18 33		n.a.
W23	10 45	26 15	2 9	15 36	1 50	16 22	0 53	0 40	0 26	24 52	1 25	18 30	2 26	19 52	0 53	24 50	0 50	2 49	6 24	22 2	22 16	18 36		n.a.
T 24	11 6	26 32	3 5	16 18	1 52	16 47	0 55	0 23	0 25	24 52	1 25	18 29	2 26	19 52	0 53	24 50	0 50	2 50	6 24	22 2	22 15	18 38		n.a.
F 25	11 27	25 32	3 54	16 58	1 54	17 12	0 57	0 7	0 24	24 52	1 26	18 28	2 26	19 52	0 53	24 50	0 50	2 50	6 24	22 2	22 15	18 41		n.a.
S 26	11 48	23 14	4 34	17 36	1 55	17 37	0 59	0n 9	0 24	24 52	1 26	18 27	2 26	19 52	0 53	24 50	0 50	2 51	6 24	22 2	22 14	18 43		n.a.
S 27	12 8	19 42	5 0	18 12	1 56	18 1	1 1	0 26	0 23	24 52	1 26	18 26	2 27	19 52	0 52	24 51	0 50	2 51	6 23	22 2	22 14	18 46		n.a.
M28	12 29	15 3	5 12	18 47	1 56	18 25	1 3	0 42	0 23	24 53	1 27	18 25	2 27	19 51	0 52	24 51	0 50	2 51	6 23	22 1	22 13	18 48		n.a.
T 29	12 49	9 30	5 6	19 19	1 56	18 48	1 5	0 59	0 22	24 53	1 27	18 24	2 27	19 51	0 52	24 51	0 50	2 52	6 23	22 0	22 13	18 51		n.a.
W30	13 9	3 16	4 41	19 49	1 55	19 10	1 6	1 15	0 22	24 53	1 28	18 23	2 28	19 51	0 52	24 51	0 50	2 52	6 23	22 0	22 12	18 53		n.a.
T 31	13n29	3n18	3s57	20n17	1n53	19n33	1n 8	1n31	0s21	24s53	1s28	18s22	2s28	19n51	0n52	24n51	0n50	2n53	6n23	21n59	22n11	18s55		n.a.

Julian Day Number = 202468.5, Delta T = 32h07m38s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'26, Lahiri = -61°05'26 Julian Calendar 1 May 4159 BCE == Greg. Calendar 29 March 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

JUNE 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 28 16	5♉45'12	2♉10	22♉36	22♉ 1	5♈10	13♊18	17♒32	7♌10	25♊ 1	7°R13	6°R18	7♊32	26♏30	n.a.	F 1
S 2	14 32 13	6°42'39	17°18	24°20	23°14	5°48	13°19	17°36	7°11	25° 2	7♎12	6♊16	7°29	26°37	n.a.	S 2
S 3	14 36 9	7°40'07	2♊23	26° 1	24°28	6°27	13°19	17°39	7°11	25° 4	7°11	6°D15	7°25	26°44	n.a.	S 3
M 4	14 40 6	8°37'36	17°19	27°41	25°42	7° 5	13°19	17°42	7°12	25° 5	7°10	6°15	7°22	26°50	n.a.	M 4
T 5	14 44 3	9°35'06	1♋57	29°19	26°56	7°44	13°R19	17°45	7°13	25° 7	7° 8	6°16	7°19	26°57	n.a.	T 5
W 6	14 47 59	10°32'38	16°13	0♊56	28°10	8°23	13°19	17°48	7°14	25° 9	7° 7	6°17	7°16	27° 4	n.a.	W 6
T 7	14 51 56	11°30'11	0♌ 7	2°31	29°24	9° 1	13°19	17°51	7°15	25°11	7° 6	6°19	7°13	27°10	n.a.	T 7
F 8	14 55 52	12°27'45	13°37	4° 5	0♊38	9°39	13°19	17°54	7°16	25°12	7° 5	6°R19	7°10	27°17	n.a.	F 8
S 9	14 59 49	13°25'20	26°46	5°37	1°52	10°18	13°18	17°57	7°17	25°14	7° 4	6°18	7° 6	27°24	n.a.	S 9
S 10	15 3 45	14°22'56	9♍36	7° 7	3° 6	10°56	13°17	18° 0	7°18	25°16	7° 2	6°17	7° 3	27°30	n.a.	S 10
M11	15 7 42	15°20'34	22° 9	8°36	4°19	11°34	13°16	18° 2	7°19	25°18	7° 1	6°14	7° 0	27°37	n.a.	M11
T 12	15 11 39	16°18'13	4♎29	10° 3	5°33	12°13	13°15	18° 5	7°21	25°19	7° 0	6°11	6°57	27°44	n.a.	T 12
W13	15 15 35	17°15'53	16°38	11°28	6°47	12°51	13°13	18° 7	7°22	25°21	6°59	6° 8	6°54	27°50	n.a.	W13
T 14	15 19 32	18°13'35	28°39	12°52	8° 1	13°29	13°12	18°10	7°23	25°23	6°58	6° 5	6°50	27°57	n.a.	T 14
F 15	15 23 28	19°11'19	10♏33	14°14	9°15	14° 7	13°10	18°12	7°25	25°25	6°57	6° 3	6°47	28° 4	n.a.	F 15
S 16	15 27 25	20° 9'04	22°23	15°34	10°29	14°45	13° 8	18°14	7°26	25°27	6°56	6° 2	6°44	28°10	n.a.	S 16
S 17	15 31 21	21° 6'51	4♐10	16°53	11°43	15°23	13° 5	18°16	7°28	25°29	6°55	6°D 2	6°41	28°17	n.a.	S 17
M18	15 35 18	22° 4'40	15°58	18° 9	12°56	16° 1	13° 3	18°18	7°29	25°31	6°54	6° 2	6°38	28°24	n.a.	M18
T 19	15 39 14	23° 2'31	27°49	19°24	14°10	16°39	13° 0	18°19	7°31	25°33	6°53	6° 3	6°35	28°30	n.a.	T 19
W20	15 43 11	24° 0'24	9♑45	20°37	15°24	17°17	12°58	18°21	7°32	25°35	6°52	6° 4	6°31	28°37	n.a.	W20
T 21	15 47 8	24°58'19	21°51	21°47	16°38	17°55	12°55	18°23	7°34	25°37	6°51	6° 5	6°28	28°43	n.a.	T 21
F 22	15 51 4	25°56'16	4♒10	22°56	17°52	18°33	12°51	18°24	7°36	25°39	6°50	6° 6	6°25	28°50	n.a.	F 22
S 23	15 55 1	26°54'15	16°45	24° 2	19° 6	19°11	12°48	18°25	7°38	25°41	6°49	6° 6	6°22	28°57	n.a.	S 23
S 24	15 58 57	27°52'16	29°40	25° 6	20°20	19°48	12°45	18°27	7°39	25°43	6°49	6°R 6	6°19	29° 3	n.a.	S 24
M25	16 2 54	28°50'19	12♓59	26° 8	21°33	20°26	12°41	18°28	7°41	25°45	6°48	6° 6	6°15	29°10	n.a.	M25
T 26	16 6 50	29°48'25	26°45	27° 7	22°47	21° 4	12°37	18°29	7°43	25°47	6°47	6° 6	6°12	29°17	n.a.	T 26
W27	16 10 47	0♊46'32	10♈56	28° 3	24° 1	21°41	12°33	18°30	7°45	25°49	6°46	6° 5	6° 9	29°23	n.a.	W27
T 28	16 14 43	1°44'42	25°32	28°56	25°15	22°19	12°28	18°30	7°47	25°51	6°46	6° 5	6° 6	29°30	n.a.	T 28
F 29	16 18 40	2°42'55	10♉27	29°46	26°29	22°56	12°24	18°31	7°49	25°53	6°45	6° 4	6° 3	29°37	n.a.	F 29
S 30	16 22 37	3♊41'09	25♉35	0♋33	27♊43	23♈34	12♑19	18♒32	7♌51	25♊55	6♎44	6♊ 4	6♊ 0	29♏43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n49	9n49	2s56	20n44	1n51	19n54	1n10	1n48	0s20	24s54	1s28	18s21	2s28	19n51	0n52	24n51	0n50	2n53	6n22	21n58	22n11	18s58		n.a.
S 2	14 8	15 51	1 42	21 8	1 49	20 15	1 11	2 4	0 20	24 54	1 29	18 21	2 28	19 50	0 52	24 51	0 50	2 53	6 22	21 58	22 10	19 0		n.a.
S 3	14 27	20 53	0 21	21 31	1 46	20 36	1 13	2 20	0 19	24 54	1 29	18 20	2 29	19 50	0 52	24 51	0 50	2 54	6 22	21 58	22 10	19 3		n.a.
M 4	14 46	24 30	1n 0	21 51	1 42	20 56	1 15	2 36	0 19	24 55	1 29	18 19	2 29	19 50	0 52	24 51	0 50	2 54	6 22	21 58	22 9	19 5		n.a.
T 5	15 5	26 23	2 17	22 10	1 38	21 15	1 16	2 53	0 18	24 55	1 30	18 18	2 29	19 50	0 52	24 51	0 50	2 54	6 22	21 58	22 9	19 8		n.a.
W 6	15 24	26 27	3 22	22 27	1 34	21 34	1 17	3 9	0 17	24 55	1 30	18 18	2 30	19 49	0 52	24 51	0 50	2 54	6 21	21 58	22 8	19 10		n.a.
T 7	15 42	24 50	4 14	22 43	1 29	21 52	1 19	3 25	0 17	24 56	1 31	18 17	2 30	19 49	0 52	24 51	0 50	2 55	6 21	21 58	22 8	19 12		n.a.
F 8	16 1	21 50	4 51	22 56	1 24	22 10	1 20	3 41	0 16	24 56	1 31	18 16	2 30	19 49	0 52	24 51	0 50	2 55	6 21	21 58	22 7	19 15		n.a.
S 9	16 19	17 47	5 11	23 8	1 19	22 27	1 21	3 57	0 16	24 57	1 31	18 16	2 31	19 48	0 52	24 51	0 50	2 55	6 21	21 58	22 7	19 17		n.a.
S 10	16 36	13 1	5 14	23 18	1 13	22 43	1 23	4 13	0 15	24 57	1 32	18 15	2 31	19 48	0 52	24 51	0 50	2 56	6 20	21 58	22 6	19 20		n.a.
M11	16 54	7 49	5 3	23 27	1 7	22 59	1 24	4 29	0 14	24 58	1 32	18 15	2 31	19 48	0 52	24 51	0 50	2 56	6 20	21 57	22 5	19 22		n.a.
T 12	17 11	2 24	4 38	23 34	1 0	23 14	1 25	4 45	0 14	24 58	1 32	18 14	2 32	19 47	0 52	24 51	0 50	2 56	6 20	21 57	22 5	19 24		n.a.
W13	17 28	3s 2	4 0	23 40	0 53	23 28	1 26	5 1	0 13	24 59	1 33	18 14	2 32	19 47	0 52	24 51	0 50	2 56	6 20	21 56	22 4	19 27		n.a.
T 14	17 44	8 19	3 12	23 44	0 46	23 42	1 27	5 16	0 13	24 59	1 33	18 13	2 32	19 46	0 52	24 52	0 50	2 56	6 20	21 56	22 4	19 29		n.a.
F 15	18 1	13 15	2 16	23 47	0 38	23 55	1 28	5 32	0 12	25 0	1 34	18 13	2 32	19 46	0 52	24 52	0 50	2 57	6 19	21 56	22 3	19 31		n.a.
S 16	18 17	17 41	1 15	23 49	0 30	24 7	1 29	5 48	0 11	25 0	1 34	18 12	2 33	19 46	0 52	24 52	0 50	2 57	6 19	21 55	22 3	19 34		n.a.
S 17	18 32	21 25	0 10	23 49	0 22	24 18	1 30	6 4	0 11	25 1	1 34	18 12	2 33	19 45	0 52	24 52	0 50	2 57	6 19	21 55	22 2	19 36		n.a.
M18	18 48	24 16	0s55	23 48	0 14	24 29	1 30	6 19	0 10	25 1	1 35	18 12	2 33	19 45	0 51	24 52	0 50	2 57	6 19	21 55	22 2	19 39		n.a.
T 19	19 3	26 4	1 58	23 46	0 5	24 39	1 31	6 35	0 10	25 2	1 35	18 12	2 34	19 44	0 51	24 52	0 50	2 57	6 18	21 55	22 1	19 41		n.a.
W20	19 18	26 41	2 56	23 42	0s 4	24 48	1 32	6 50	0 9	25 3	1 35	18 11	2 34	19 44	0 51	24 52	0 50	2 57	6 18	21 56	22 1	19 43		n.a.
T 21	19 33	26 2	3 48	23 38	0 13	24 57	1 32	7 6	0 8	25 3	1 36	18 11	2 34	19 43	0 51	24 52	0 50	2 58	6 18	21 56	22 0	19 46		n.a.
F 22	19 47	24 7	4 30	23 32	0 23	25 5	1 33	7 21	0 8	25 4	1 36	18 11	2 35	19 43	0 51	24 52	0 50	2 58	6 18	21 56	21 59	19 48		n.a.
S 23	20 1	21 0	5 0	23 26	0 32	25 12	1 33	7 36	0 7	25 5	1 36	18 11	2 35	19 42	0 51	24 52	0 50	2 58	6 17	21 56	21 59	19 50		n.a.
S 24	20 14	16 48	5 16	23 19	0 42	25 18	1 33	7 52	0 6	25 5	1 37	18 11	2 35	19 42	0 51	24 52	0 50	2 58	6 17	21 56	21 58	19 53		n.a.
M25	20 28	11 41	5 15	23 11	0 52	25 24	1 34	8 7	0 6	25 6	1 37	18 11	2 36	19 41	0 51	24 52	0 50	2 58	6 17	21 56	21 58	19 55		n.a.
T 26	20 41	5 51	4 57	23 2	1 3	25 28	1 34	8 22	0 5	25 7	1 37	18 11	2 36	19 41	0 51	24 52	0 50	2 58	6 16	21 56	21 57	19 57		n.a.
W27	20 53	0n28	4 21	22 53	1 13	25 32	1 34	8 37	0 4	25 8	1 38	18 11	2 36	19 40	0 51	24 52	0 50	2 58	6 16	21 56	21 57	20 0		n.a.
T 28	21 5	6 57	3 27	22 43	1 24	25 35	1 34	8 52	0 4	25 8	1 38	18 11	2 37	19 39	0 51	24 52	0 50	2 58	6 16	21 56	21 56	20 2		n.a.
F 29	21 17	13 12	2 18	22 33	1 34	25 38	1 34	9 7	0 3	25 9	1 38	18 11	2 37	19 39	0 51	24 53	0 50	2 58	6 16	21 56	21 55	20 4		n.a.
S 30	21n29	18n46	0s58	22n22	1s45	25n39	1n34	9n22	0s 2	25s10	1s39	18s11	2s37	19n38	0n51	24n53	0n50	2n58	6n15	21n56	21n55	20s 7		n.a.

Julian Day Number = 202499.5, Delta T = 32h07m35s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'22, Lahiri = -61°05'22 Julian Calendar 1 June 4159 BCE == Greg. Calendar 29 Apr. 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

JULY 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 26 33	4♊39'26	10♊47	1♋17	28♊56	24♈11	12°R15	18♒32	7♌54	25♊57	6°R44	6°D 4	5♊56	29♏50	n.a.	S 1
M 2	16 30 30	5°37'44	25°53	1°57	0♋10	24°49	12♉10	18°32	7°56	25°59	6♎43	6°R 4	5°53	29°57	n.a.	M 2
T 3	16 34 26	6°36'05	10♋44	2°32	1°24	25°26	12° 4	18°33	7°58	26° 1	6°42	6♊ 4	5°50	0♐ 3	n.a.	T 3
W 4	16 38 23	7°34'27	25°14	3° 4	2°38	26° 3	11°59	18°R33	8° 0	26° 3	6°42	6° 4	5°47	0°10	n.a.	W 4
T 5	16 42 19	8°32'52	9♌19	3°31	3°52	26°41	11°54	18°33	8° 3	26° 6	6°41	6° 4	5°44	0°17	n.a.	T 5
F 6	16 46 16	9°31'18	22°56	3°53	5° 5	27°18	11°48	18°33	8° 5	26° 8	6°41	6° 3	5°41	0°23	n.a.	F 6
S 7	16 50 12	10°29'46	6♍ 8	4°10	6°19	27°55	11°42	18°32	8° 7	26°10	6°40	6°D 3	5°37	0°30	n.a.	S 7
S 8	16 54 9	11°28'15	18°57	4°22	7°33	28°32	11°36	18°32	8°10	26°12	6°40	6° 3	5°34	0°36	n.a.	S 8
M 9	16 58 6	12°26'47	1♎26	4°R27	8°47	29° 9	11°30	18°32	8°12	26°14	6°39	6° 4	5°31	0°43	n.a.	M 9
T 10	17 2 2	13°25'20	13°39	4°27	10° 1	29°46	11°24	18°31	8°15	26°17	6°39	6° 4	5°28	0°50	n.a.	T 10
W11	17 5 59	14°23'56	25°40	4°21	11°14	0♉23	11°18	18°30	8°17	26°19	6°39	6° 5	5°25	0°56	n.a.	W11
T 12	17 9 55	15°22'33	7♏34	4° 7	12°28	1° 0	11°11	18°29	8°20	26°21	6°38	6° 6	5°21	1° 3	n.a.	T 12
F 13	17 13 52	16°21'13	19°23	3°47	13°42	1°37	11° 5	18°29	8°23	26°23	6°38	6° 7	5°18	1°10	n.a.	F 13
S 14	17 17 48	17°19'55	1♐10	3°21	14°55	2°14	10°58	18°28	8°25	26°25	6°38	6°R 7	5°15	1°16	n.a.	S 14
S 15	17 21 45	18°18'39	12°59	2°47	16° 9	2°51	10°51	18°26	8°28	26°28	6°38	6° 7	5°12	1°23	n.a.	S 15
M16	17 25 41	19°17'25	24°52	2° 7	17°23	3°27	10°44	18°25	8°31	26°30	6°37	6° 7	5° 9	1°30	n.a.	M16
T 17	17 29 38	20°16'13	6♑50	1°20	18°36	4° 4	10°37	18°24	8°34	26°32	6°37	6° 5	5° 6	1°36	n.a.	T 17
W18	17 33 34	21°15'04	18°56	0°28	19°50	4°41	10°30	18°22	8°36	26°34	6°37	6° 3	5° 2	1°43	n.a.	W18
T 19	17 37 31	22°13'57	1♒11	29♊30	21° 3	5°17	10°23	18°21	8°39	26°36	6°37	6° 1	4°59	1°50	n.a.	T 19
F 20	17 41 27	23°12'52	13°38	28°29	22°17	5°54	10°16	18°19	8°42	26°39	6°37	5°58	4°56	1°56	n.a.	F 20
S 21	17 45 24	24°11'50	26°20	27°25	23°31	6°30	10° 8	18°18	8°45	26°41	6°37	5°56	4°53	2° 3	n.a.	S 21
S 22	17 49 21	25°10'51	9♓17	26°19	24°44	7° 7	10° 1	18°16	8°48	26°43	6°D37	5°54	4°50	2°10	n.a.	S 22
M23	17 53 17	26° 9'54	22°33	25°14	25°58	7°43	9°53	18°14	8°51	26°45	6°37	5°D54	4°47	2°16	n.a.	M23
T 24	17 57 14	27° 8'59	6♈ 9	24°11	27°11	8°20	9°45	18°12	8°54	26°48	6°37	5°54	4°43	2°23	n.a.	T 24
W25	18 1 10	28° 8'07	20° 7	23°10	28°25	8°56	9°38	18° 9	8°57	26°50	6°37	5°55	4°40	2°29	n.a.	W25
T 26	18 5 7	29° 7'18	4♉27	22°15	29°38	9°32	9°30	18° 7	9° 0	26°52	6°37	5°56	4°37	2°36	n.a.	T 26
F 27	18 9 3	0♋ 6'32	19° 5	21°27	0♌52	10° 8	9°22	18° 5	9° 3	26°54	6°37	5°57	4°34	2°43	n.a.	F 27
S 28	18 13 0	1° 5'48	3♊58	20°46	2° 5	10°45	9°14	18° 2	9° 6	26°57	6°37	5°R58	4°31	2°49	n.a.	S 28
S 29	18 16 56	2° 5'06	19° 0	20°14	3°19	11°21	9° 6	18° 0	9°10	26°59	6°38	5°58	4°27	2°56	n.a.	S 29
M30	18 20 53	3° 4'27	4♋ 1	19°52	4°32	11°57	8°58	17°57	9°13	27° 1	6°38	5°56	4°24	3° 3	n.a.	M30
T 31	18 24 49	4♋ 3'50	18♋53	19♊40	5♌45	12♉33	8♑50	17♒54	9♌16	27♊ 3	6♎38	5♊53	4♊21	3♐ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21n40	23n 8	0n26	22n11	1s56	25n40	1n34	9n37	0s 2	25s11	1s39	18s11	2s38	19n38	0n51	24n53	0n50	2n58	6n15	21n56	21n54	20s 9			n.a.
M 2	21 51	25 51	1 48	22 0	2 6	25 40	1 33	9 51	0 1	25 11	1 39	18 11	2 38	19 37	0 51	24 53	0 50	2 58	6 15	21 56	21 54	20 11			n.a.
T 3	22 1	26 40	3 1	21 48	2 17	25 39	1 33	10 6	0 0	25 12	1 40	18 12	2 38	19 36	0 51	24 53	0 50	2 58	6 15	21 56	21 53	20 14			n.a.
W 4	22 11	25 38	4 1	21 37	2 28	25 38	1 33	10 21	0n 0	25 13	1 40	18 12	2 39	19 36	0 51	24 53	0 50	2 58	6 14	21 56	21 53	20 16			n.a.
T 5	22 21	22 58	4 44	21 26	2 38	25 36	1 32	10 35	0 1	25 14	1 40	18 12	2 39	19 35	0 51	24 53	0 50	2 58	6 14	21 56	21 52	20 18			n.a.
F 6	22 30	19 6	5 9	21 15	2 49	25 32	1 32	10 50	0 2	25 15	1 41	18 12	2 39	19 34	0 51	24 53	0 50	2 58	6 14	21 56	21 51	20 20			n.a.
S 7	22 39	14 24	5 18	21 4	2 59	25 28	1 31	11 4	0 2	25 16	1 41	18 13	2 40	19 34	0 51	24 53	0 50	2 58	6 13	21 56	21 51	20 23			n.a.
S 8	22 47	9 13	5 10	20 54	3 9	25 24	1 30	11 18	0 3	25 16	1 41	18 13	2 40	19 33	0 51	24 53	0 50	2 58	6 13	21 56	21 50	20 25			n.a.
M 9	22 55	3 47	4 47	20 44	3 18	25 18	1 30	11 32	0 4	25 17	1 42	18 14	2 40	19 32	0 51	24 53	0 50	2 58	6 13	21 56	21 50	20 27			n.a.
T 10	23 3	1s41	4 12	20 36	3 27	25 12	1 29	11 46	0 4	25 18	1 42	18 14	2 41	19 32	0 51	24 53	0 50	2 58	6 13	21 56	21 49	20 30			n.a.
W11	23 10	7 0	3 26	20 28	3 35	25 5	1 28	12 0	0 5	25 19	1 42	18 15	2 41	19 31	0 51	24 53	0 50	2 58	6 12	21 56	21 49	20 32			n.a.
T 12	23 17	12 2	2 32	20 21	3 42	24 57	1 27	12 14	0 6	25 20	1 42	18 15	2 41	19 30	0 51	24 53	0 50	2 57	6 12	21 56	21 48	20 34			n.a.
F 13	23 23	16 36	1 32	20 15	3 48	24 49	1 26	12 28	0 7	25 21	1 43	18 16	2 41	19 29	0 50	24 54	0 50	2 57	6 12	21 56	21 47	20 36			n.a.
S 14	23 29	20 32	0 27	20 11	3 54	24 39	1 25	12 42	0 7	25 21	1 43	18 16	2 42	19 29	0 50	24 54	0 50	2 57	6 11	21 56	21 47	20 39			n.a.
S 15	23 35	23 37	0s38	20 8	3 58	24 29	1 23	12 56	0 8	25 22	1 43	18 17	2 42	19 28	0 50	24 54	0 50	2 57	6 11	21 56	21 46	20 41			n.a.
M16	23 40	25 43	1 42	20 6	4 0	24 18	1 22	13 9	0 9	25 23	1 43	18 18	2 42	19 27	0 50	24 54	0 50	2 57	6 11	21 56	21 46	20 43			n.a.
T 17	23 45	26 38	2 42	20 6	4 1	24 7	1 21	13 23	0 9	25 24	1 44	18 19	2 43	19 26	0 50	24 54	0 50	2 57	6 10	21 56	21 45	20 45			n.a.
W18	23 49	26 17	3 35	20 7	4 0	23 55	1 19	13 36	0 10	25 25	1 44	18 19	2 43	19 26	0 50	24 54	0 50	2 56	6 10	21 56	21 44	20 48			n.a.
T 19	23 53	24 40	4 19	20 10	3 57	23 42	1 18	13 49	0 11	25 26	1 44	18 20	2 43	19 25	0 50	24 54	0 50	2 56	6 10	21 55	21 44	20 50			n.a.
F 20	23 56	21 51	4 52	20 14	3 52	23 28	1 16	14 3	0 12	25 26	1 44	18 21	2 44	19 24	0 50	24 54	0 50	2 56	6 10	21 55	21 43	20 52			n.a.
S 21	23 59	17 57	5 11	20 20	3 45	23 14	1 15	14 16	0 12	25 27	1 45	18 22	2 44	19 23	0 50	24 54	0 50	2 56	6 9	21 54	21 43	20 54			n.a.
S 22	24 1	13 9	5 15	20 28	3 36	22 59	1 13	14 29	0 13	25 28	1 45	18 23	2 44	19 22	0 50	24 54	0 50	2 55	6 9	21 54	21 42	20 57			n.a.
M23	24 3	7 38	5 2	20 37	3 25	22 43	1 11	14 42	0 14	25 29	1 45	18 23	2 44	19 21	0 50	24 54	0 50	2 55	6 9	21 54	21 41	20 59			n.a.
T 24	24 5	1 39	4 33	20 48	3 12	22 27	1 10	14 54	0 15	25 29	1 45	18 24	2 45	19 21	0 50	24 54	0 50	2 55	6 8	21 54	21 41	21 1			n.a.
W25	24 6	4n36	3 46	20 59	2 57	22 10	1 8	15 7	0 15	25 30	1 45	18 25	2 45	19 20	0 50	24 54	0 50	2 54	6 8	21 54	21 40	21 3			n.a.
T 26	24 7	10 47	2 45	21 12	2 41	21 52	1 6	15 20	0 16	25 31	1 45	18 26	2 45	19 19	0 50	24 54	0 50	2 54	6 8	21 54	21 40	21 5			n.a.
F 27	24 7	16 31	1 32	21 27	2 24	21 34	1 4	15 32	0 17	25 32	1 46	18 27	2 46	19 18	0 50	24 55	0 50	2 54	6 8	21 54	21 39	21 8			n.a.
S 28	24 6	21 22	0 11	21 42	2 5	21 15	1 2	15 45	0 18	25 32	1 46	18 28	2 46	19 17	0 50	24 55	0 50	2 53	6 7	21 55	21 38	21 10			n.a.
S 29	24 6	24 49	1n11	21 58	1 47	20 56	0 59	15 57	0 18	25 33	1 46	18 30	2 46	19 16	0 50	24 55	0 50	2 53	6 7	21 55	21 38	21 12			n.a.
M30	24 4	26 31	2 28	22 15	1 28	20 36	0 57	16 9	0 19	25 34	1 46	18 31	2 46	19 15	0 50	24 55	0 50	2 53	6 7	21 54	21 37	21 14			n.a.
T 31	24n 3	26n16	3n34	22n33	1s 9	20n15	0n55	16n21	0n20	25s35	1s46	18s32	2s47	19n14	0n50	24n55	0n50	2n52	6n 6	21n54	21n37	21s16			n.a.

Julian Day Number = 202529.5, Delta T = 32h07m32s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'18, Lahiri = -61°05'18 Julian Calendar 1 July 4159 BCE == Greg. Calendar 29 May 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

AUGUST 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 28 46	5♋ 3'15	3♌29	19°D39	6♌59	13♉ 9	8°R42	17°R51	9♌19	27♊ 6	6♎39	5°R49	4♊18	3♐16	n.a.	W 1
T 2	18 32 42	6° 2'43	17°41	19♊47	8°12	13°44	8♑34	17♒48	9°23	27° 8	6°39	5♊44	4°15	3°23	n.a.	T 2
F 3	18 36 39	7° 2'12	1♍27	20° 7	9°25	14°20	8°26	17°45	9°26	27°10	6°39	5°40	4°12	3°29	n.a.	F 3
S 4	18 40 36	8° 1'44	14°45	20°36	10°39	14°56	8°18	17°42	9°29	27°12	6°40	5°36	4° 8	3°36	n.a.	S 4
S 5	18 44 32	9° 1'17	27°37	21°14	11°52	15°32	8°10	17°39	9°33	27°14	6°40	5°34	4° 5	3°43	n.a.	S 5
M 6	18 48 29	10° 0'53	10♎ 7	22° 1	13° 5	16° 7	8° 2	17°36	9°36	27°17	6°41	5°D33	4° 2	3°49	n.a.	M 6
T 7	18 52 25	11° 0'30	22°19	22°56	14°18	16°43	7°54	17°32	9°40	27°19	6°41	5°34	3°59	3°56	n.a.	T 7
W 8	18 56 22	12° 0'10	4♏18	23°59	15°32	17°18	7°46	17°29	9°43	27°21	6°42	5°36	3°56	4° 3	n.a.	W 8
T 9	19 0 18	12°59'51	16° 8	25° 8	16°45	17°54	7°38	17°25	9°46	27°23	6°42	5°37	3°53	4° 9	n.a.	T 9
F 10	19 4 15	13°59'35	27°55	26°23	17°58	18°29	7°30	17°22	9°50	27°25	6°43	5°39	3°49	4°16	n.a.	F 10
S 11	19 8 11	14°59'21	9♐43	27°43	19°11	19° 4	7°22	17°18	9°53	27°28	6°43	5°R39	3°46	4°22	n.a.	S 11
S 12	19 12 8	15°59'08	21°36	29° 7	20°24	19°40	7°14	17°14	9°57	27°30	6°44	5°37	3°43	4°29	n.a.	S 12
M13	19 16 4	16°58'58	3♑36	0♋35	21°37	20°15	7° 6	17°10	10° 0	27°32	6°45	5°34	3°40	4°36	n.a.	M13
T 14	19 20 1	17°58'51	15°45	2° 6	22°50	20°50	6°58	17° 6	10° 4	27°34	6°46	5°29	3°37	4°42	n.a.	T 14
W15	19 23 57	18°58'45	28° 6	3°40	24° 3	21°25	6°50	17° 2	10° 8	27°36	6°46	5°22	3°33	4°49	n.a.	W15
T 16	19 27 54	19°58'41	10♒38	5°16	25°16	22° 0	6°43	16°58	10°11	27°38	6°47	5°13	3°30	4°56	n.a.	T 16
F 17	19 31 50	20°58'40	23°22	6°53	26°29	22°35	6°35	16°54	10°15	27°40	6°48	5° 5	3°27	5° 2	n.a.	F 17
S 18	19 35 47	21°58'41	6♓18	8°32	27°42	23°10	6°28	16°50	10°18	27°42	6°49	4°57	3°24	5° 9	n.a.	S 18
S 19	19 39 44	22°58'44	19°27	10°12	28°54	23°45	6°20	16°45	10°22	27°44	6°50	4°51	3°21	5°16	n.a.	S 19
M20	19 43 40	23°58'50	2♈49	11°53	0♍ 7	24°19	6°13	16°41	10°26	27°47	6°51	4°47	3°18	5°22	n.a.	M20
T 21	19 47 37	24°58'58	16°25	13°34	1°20	24°54	6° 6	16°37	10°29	27°49	6°51	4°44	3°14	5°29	n.a.	T 21
W22	19 51 33	25°59'09	0♉15	15°16	2°33	25°29	5°58	16°32	10°33	27°51	6°52	4°D44	3°11	5°36	n.a.	W22
T 23	19 55 30	26°59'22	14°19	16°58	3°45	26° 3	5°51	16°28	10°37	27°53	6°53	4°45	3° 8	5°42	n.a.	T 23
F 24	19 59 26	27°59'37	28°37	18°40	4°58	26°38	5°44	16°23	10°40	27°55	6°54	4°R46	3° 5	5°49	n.a.	F 24
S 25	20 3 23	28°59'55	13♊ 7	20°21	6°11	27°12	5°38	16°18	10°44	27°57	6°56	4°46	3° 2	5°56	n.a.	S 25
S 26	20 7 19	0♌ 0'15	27°45	22° 3	7°23	27°46	5°31	16°14	10°48	27°59	6°57	4°44	2°59	6° 2	n.a.	S 26
M27	20 11 16	1° 0'37	12♋27	23°45	8°36	28°21	5°24	16° 9	10°52	28° 1	6°58	4°39	2°55	6° 9	n.a.	M27
T 28	20 15 12	2° 1'02	27° 4	25°26	9°48	28°55	5°18	16° 4	10°55	28° 3	6°59	4°32	2°52	6°15	n.a.	T 28
W29	20 19 9	3° 1'28	11♌30	27° 7	11° 1	29°29	5°12	16° 0	10°59	28° 4	7° 0	4°22	2°49	6°22	n.a.	W29
T 30	20 23 5	4° 1'56	25°39	28°47	12°13	0♊ 3	5° 5	15°55	11° 3	28° 6	7° 1	4°12	2°46	6°29	n.a.	T 30
F 31	20 27 2	5♌ 2'26	9♍24	0♌28	13♍25	0♊37	4♑59	15♒50	11♌ 7	28♊ 8	7♎ 2	4♊ 2	2♊43	6♐35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	24n 1	24n12	4n25	22n51	0s51	19n54	0n53	16n33	0n21	25s35	1s46	18s33	2s47	19n14	0n50	24n55	0n50	2n52	6n 6	21n53	21n36	21s19			n.a.
T 2	23 58	20 40	4 58	23 10	0 33	19 32	0 50	16 45	0 22	25 36	1 46	18 34	2 47	19 13	0 50	24 55	0 50	2 52	6 6	21 52	21 35	21 21			n.a.
F 3	23 55	16 6	5 12	23 29	0 16	19 10	0 48	16 57	0 22	25 37	1 47	18 35	2 47	19 12	0 50	24 55	0 50	2 51	6 5	21 51	21 35	21 23			n.a.
S 4	23 52	10 53	5 9	23 47	0n 1	18 47	0 45	17 8	0 23	25 37	1 47	18 37	2 48	19 11	0 50	24 55	0 50	2 51	6 5	21 51	21 34	21 25			n.a.
S 5	23 48	5 23	4 50	24 5	0 16	18 24	0 43	17 20	0 24	25 38	1 47	18 38	2 48	19 10	0 50	24 55	0 50	2 50	6 5	21 50	21 34	21 27			n.a.
M 6	23 43	0s11	4 18	24 22	0 30	18 0	0 40	17 31	0 25	25 38	1 47	18 39	2 48	19 9	0 50	24 55	0 50	2 50	6 5	21 50	21 33	21 29			n.a.
T 7	23 38	5 37	3 35	24 38	0 43	17 36	0 37	17 43	0 26	25 39	1 47	18 40	2 48	19 8	0 50	24 55	0 50	2 49	6 4	21 50	21 32	21 32			n.a.
W 8	23 33	10 46	2 43	24 54	0 55	17 11	0 35	17 54	0 26	25 40	1 47	18 42	2 49	19 7	0 50	24 55	0 50	2 49	6 4	21 51	21 32	21 34			n.a.
T 9	23 27	15 28	1 44	25 7	1 6	16 46	0 32	18 5	0 27	25 40	1 47	18 43	2 49	19 6	0 50	24 55	0 50	2 48	6 4	21 51	21 31	21 36			n.a.
F 10	23 21	19 34	0 42	25 19	1 16	16 20	0 29	18 16	0 28	25 41	1 47	18 45	2 49	19 5	0 50	24 55	0 50	2 48	6 3	21 51	21 31	21 38			n.a.
S 11	23 15	22 54	0s22	25 30	1 24	15 54	0 26	18 27	0 29	25 41	1 47	18 46	2 49	19 4	0 50	24 56	0 50	2 47	6 3	21 51	21 30	21 40			n.a.
S 12	23 7	25 16	1 26	25 38	1 31	15 28	0 23	18 37	0 30	25 42	1 47	18 47	2 50	19 3	0 50	24 56	0 50	2 47	6 3	21 51	21 29	21 42			n.a.
M13	23 0	26 30	2 26	25 45	1 38	15 1	0 20	18 48	0 31	25 42	1 47	18 49	2 50	19 2	0 50	24 56	0 50	2 46	6 2	21 50	21 29	21 44			n.a.
T 14	22 52	26 28	3 20	25 49	1 43	14 34	0 17	18 58	0 31	25 43	1 47	18 50	2 50	19 1	0 50	24 56	0 50	2 46	6 2	21 49	21 28	21 47			n.a.
W15	22 43	25 8	4 6	25 51	1 47	14 6	0 14	19 9	0 32	25 43	1 47	18 52	2 50	19 0	0 50	24 56	0 50	2 45	6 2	21 48	21 27	21 49			n.a.
T 16	22 35	22 33	4 40	25 51	1 51	13 38	0 11	19 19	0 33	25 43	1 47	18 53	2 50	18 59	0 50	24 56	0 50	2 44	6 2	21 46	21 27	21 51			n.a.
F 17	22 25	18 50	5 1	25 49	1 54	13 10	0 8	19 29	0 34	25 44	1 47	18 55	2 51	18 58	0 50	24 56	0 50	2 44	6 1	21 45	21 26	21 53			n.a.
S 18	22 16	14 11	5 8	25 45	1 55	12 41	0 5	19 39	0 35	25 44	1 47	18 56	2 51	18 57	0 50	24 56	0 50	2 43	6 1	21 43	21 26	21 55			n.a.
S 19	22 6	8 50	4 58	25 39	1 56	12 12	0 2	19 49	0 36	25 44	1 47	18 58	2 51	18 56	0 50	24 56	0 50	2 43	6 1	21 42	21 25	21 57			n.a.
M20	21 55	2 59	4 32	25 30	1 57	11 43	0s 2	19 58	0 37	25 45	1 47	18 59	2 51	18 55	0 50	24 56	0 50	2 42	6 0	21 41	21 24	21 59			n.a.
T 21	21 44	3n 6	3 50	25 20	1 57	11 14	0 5	20 8	0 37	25 45	1 47	19 1	2 51	18 54	0 50	24 56	0 50	2 41	6 0	21 41	21 24	22 1			n.a.
W22	21 33	9 9	2 55	25 8	1 56	10 44	0 8	20 17	0 38	25 45	1 47	19 2	2 51	18 53	0 50	24 56	0 50	2 41	6 0	21 41	21 23	22 3			n.a.
T 23	21 21	14 52	1 48	24 54	1 55	10 14	0 11	20 27	0 39	25 46	1 47	19 4	2 52	18 52	0 50	24 56	0 50	2 40	6 0	21 41	21 22	22 5			n.a.
F 24	21 9	19 53	0 33	24 38	1 53	9 44	0 15	20 36	0 40	25 46	1 47	19 5	2 52	18 51	0 50	24 56	0 51	2 39	5 59	21 41	21 22	22 7			n.a.
S 25	20 56	23 45	0n45	24 20	1 50	9 13	0 18	20 45	0 41	25 46	1 47	19 7	2 52	18 50	0 50	24 56	0 51	2 39	5 59	21 41	21 21	22 10			n.a.
S 26	20 43	26 6	2 0	24 1	1 48	8 43	0 21	20 54	0 42	25 46	1 47	19 9	2 52	18 49	0 50	24 56	0 51	2 38	5 59	21 41	21 21	22 12			n.a.
M27	20 30	26 38	3 8	23 41	1 45	8 12	0 25	21 3	0 43	25 47	1 47	19 10	2 52	18 47	0 50	24 57	0 51	2 37	5 59	21 40	21 20	22 14			n.a.
T 28	20 16	25 17	4 2	23 19	1 41	7 41	0 28	21 12	0 44	25 47	1 46	19 12	2 52	18 46	0 50	24 57	0 51	2 37	5 58	21 39	21 19	22 16			n.a.
W29	20 2	22 18	4 41	22 55	1 37	7 9	0 32	21 20	0 45	25 47	1 46	19 13	2 52	18 45	0 50	24 57	0 51	2 36	5 58	21 37	21 19	22 18			n.a.
T 30	19 47	18 2	5 1	22 30	1 33	6 38	0 35	21 29	0 46	25 47	1 46	19 15	2 52	18 44	0 50	24 57	0 51	2 35	5 58	21 35	21 18	22 20			n.a.
F 31	19n32	12n55	5n 3	22n 4	1n29	6n 6	0s39	21n37	0n47	25s47	1s46	19s16	2s52	18n43	0n50	24n57	0n51	2n34	5n57	21n33	21n17	22s22			n.a.

Julian Day Number = 202560.5, Delta T = 32h07m29s
Ecliptic obliquity = 24°06'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'14, Lahiri = -61°05'14 Julian Calendar 1 Aug. 4159 BCE == Greg. Calendar 29 June 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

SEPTEMBER 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 30 58	6♌ 2'58	22♍45	2♌ 7	14♍38	1♊10	4°R54	15°R45	11♌10	28♊10	7♎ 4	3°R53	2♊39	6♐42	n.a.	S 1
S 2	20 34 55	7° 3'31	5♎40	3°47	15°50	1°44	4♑48	15♒40	11°14	28°12	7° 5	3♊47	2°36	6°49	n.a.	S 2
M 3	20 38 52	8° 4'06	18°13	5°26	17° 2	2°18	4°42	15°35	11°18	28°14	7° 6	3°42	2°33	6°55	n.a.	M 3
T 4	20 42 48	9° 4'43	0♏26	7° 4	18°14	2°51	4°37	15°30	11°22	28°16	7° 8	3°40	2°30	7° 2	n.a.	T 4
W 5	20 46 45	10° 5'21	12°25	8°42	19°26	3°25	4°32	15°25	11°25	28°17	7° 9	3°D40	2°27	7° 9	n.a.	W 5
T 6	20 50 41	11° 6'00	24°16	10°20	20°38	3°58	4°27	15°20	11°29	28°19	7°10	3°40	2°24	7°15	n.a.	T 6
F 7	20 54 38	12° 6'41	6♐ 3	11°57	21°50	4°31	4°22	15°15	11°33	28°21	7°12	3°R40	2°20	7°22	n.a.	F 7
S 8	20 58 34	13° 7'24	17°52	13°34	23° 2	5° 4	4°17	15°10	11°37	28°23	7°13	3°39	2°17	7°29	n.a.	S 8
S 9	21 2 31	14° 8'08	29°48	15°11	24°14	5°37	4°12	15° 5	11°40	28°24	7°15	3°36	2°14	7°35	n.a.	S 9
M10	21 6 27	15° 8'54	11♑55	16°47	25°26	6°10	4° 8	15° 0	11°44	28°26	7°16	3°30	2°11	7°42	n.a.	M10
T 11	21 10 24	16° 9'41	24°16	18°23	26°37	6°43	4° 4	14°55	11°48	28°28	7°18	3°21	2° 8	7°49	n.a.	T 11
W12	21 14 20	17°10'30	6♒51	19°59	27°49	7°16	4° 0	14°50	11°52	28°29	7°19	3°10	2° 5	7°55	n.a.	W12
T 13	21 18 17	18°11'20	19°43	21°34	29° 1	7°49	3°56	14°45	11°56	28°31	7°21	2°58	2° 1	8° 2	n.a.	T 13
F 14	21 22 14	19°12'12	2♓49	23° 9	0♎12	8°21	3°52	14°40	11°59	28°32	7°22	2°44	1°58	8° 8	n.a.	F 14
S 15	21 26 10	20°13'05	16° 9	24°44	1°24	8°54	3°49	14°35	12° 3	28°34	7°24	2°32	1°55	8°15	n.a.	S 15
S 16	21 30 7	21°14'00	29°40	26°18	2°35	9°26	3°46	14°31	12° 7	28°36	7°26	2°22	1°52	8°22	n.a.	S 16
M17	21 34 3	22°14'56	13♈20	27°52	3°46	9°58	3°43	14°26	12°11	28°37	7°27	2°14	1°49	8°28	n.a.	M17
T 18	21 38 0	23°15'54	27° 8	29°26	4°57	10°30	3°40	14°21	12°14	28°39	7°29	2° 9	1°45	8°35	n.a.	T 18
W19	21 41 56	24°16'54	11♉ 2	1♍ 0	6° 9	11° 2	3°37	14°16	12°18	28°40	7°31	2° 7	1°42	8°42	n.a.	W19
T 20	21 45 53	25°17'56	25° 2	2°33	7°20	11°34	3°35	14°11	12°22	28°41	7°32	2° 7	1°39	8°48	n.a.	T 20
F 21	21 49 49	26°18'59	9♊ 7	4° 7	8°31	12° 6	3°33	14° 6	12°25	28°43	7°34	2° 7	1°36	8°55	n.a.	F 21
S 22	21 53 46	27°20'04	23°17	5°40	9°42	12°38	3°31	14° 1	12°29	28°44	7°36	2° 5	1°33	9° 2	n.a.	S 22
S 23	21 57 42	28°21'10	7♋31	7°13	10°52	13° 9	3°29	13°57	12°33	28°46	7°38	2° 2	1°30	9° 8	n.a.	S 23
M24	22 1 39	29°22'18	21°45	8°46	12° 3	13°41	3°27	13°52	12°36	28°47	7°40	1°56	1°26	9°15	n.a.	M24
T 25	22 5 36	0♍23'27	5♌56	10°18	13°14	14°12	3°26	13°47	12°40	28°48	7°41	1°47	1°23	9°22	n.a.	T 25
W26	22 9 32	1°24'38	19°59	11°51	14°24	14°43	3°24	13°42	12°44	28°49	7°43	1°35	1°20	9°28	n.a.	W26
T 27	22 13 29	2°25'49	3♍50	13°23	15°35	15°14	3°23	13°38	12°47	28°51	7°45	1°22	1°17	9°35	n.a.	T 27
F 28	22 17 25	3°27'02	17°23	14°55	16°45	15°45	3°23	13°33	12°51	28°52	7°47	1° 8	1°14	9°42	n.a.	F 28
S 29	22 21 22	4°28'15	0♎36	16°27	17°55	16°16	3°22	13°29	12°55	28°53	7°49	0°56	1°10	9°48	n.a.	S 29
S 30	22 25 18	5♍29'30	13♎28	17♍59	19♎ 6	16♊46	3♑22	13♒24	12♌58	28♊54	7♎51	0♊46	1♊ 7	9♐55	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n17	7n21	4n48	21n37	1n24	5n35	0s42	21n45	0n48	25s47	1s46	19s18	2s53	18n42	0n50	24n57	0n51	2n34	5n57	21n31	21n17	22s24		n.a.
S 2	19 2	1 38	4 19	21 8	1 20	5 3	0 45	21 53	0 49	25 47	1 46	19 20	2 53	18 41	0 50	24 57	0 51	2 33	5 57	21 30	21 16	22 26		n.a.
M 3	18 46	4s 0	3 38	20 39	1 14	4 31	0 49	22 1	0 50	25 47	1 46	19 21	2 53	18 40	0 50	24 57	0 51	2 32	5 57	21 29	21 16	22 28		n.a.
T 4	18 29	9 20	2 48	20 8	1 9	3 59	0 52	22 9	0 51	25 47	1 46	19 23	2 53	18 39	0 50	24 57	0 51	2 31	5 56	21 29	21 15	22 30		n.a.
W 5	18 13	14 15	1 51	19 37	1 4	3 27	0 56	22 16	0 52	25 47	1 45	19 24	2 53	18 38	0 50	24 57	0 51	2 31	5 56	21 29	21 14	22 32		n.a.
T 6	17 56	18 34	0 50	19 5	0 58	2 54	0 59	22 24	0 53	25 48	1 45	19 26	2 53	18 37	0 50	24 57	0 51	2 30	5 56	21 29	21 14	22 34		n.a.
F 7	17 38	22 8	0s13	18 32	0 52	2 22	1 3	22 31	0 54	25 48	1 45	19 28	2 53	18 36	0 50	24 57	0 51	2 29	5 56	21 29	21 13	22 36		n.a.
S 8	17 21	24 47	1 15	17 58	0 47	1 50	1 6	22 39	0 55	25 48	1 45	19 29	2 53	18 35	0 50	24 57	0 51	2 28	5 55	21 29	21 12	22 38		n.a.
S 9	17 3	26 21	2 14	17 23	0 41	1 18	1 10	22 46	0 56	25 47	1 45	19 31	2 53	18 34	0 50	24 57	0 51	2 27	5 55	21 28	21 12	22 40		n.a.
M10	16 45	26 41	3 8	16 48	0 35	0 45	1 13	22 53	0 57	25 47	1 45	19 32	2 53	18 32	0 50	24 57	0 51	2 27	5 55	21 27	21 11	22 42		n.a.
T 11	16 26	25 43	3 54	16 12	0 28	0 13	1 16	22 59	0 58	25 47	1 44	19 34	2 53	18 31	0 50	24 57	0 51	2 26	5 55	21 25	21 10	22 44		n.a.
W12	16 7	23 25	4 30	15 35	0 22	0s19	1 20	23 6	0 59	25 47	1 44	19 35	2 53	18 30	0 50	24 57	0 51	2 25	5 54	21 23	21 10	22 46		n.a.
T 13	15 48	19 56	4 53	14 58	0 16	0 52	1 23	23 13	1 0	25 47	1 44	19 37	2 53	18 29	0 50	24 58	0 51	2 24	5 54	21 20	21 9	22 48		n.a.
F 14	15 29	15 24	5 1	14 20	0 10	1 24	1 27	23 19	1 1	25 47	1 44	19 38	2 53	18 28	0 50	24 58	0 51	2 23	5 54	21 18	21 8	22 50		n.a.
S 15	15 9	10 5	4 52	13 42	0 3	1 56	1 30	23 26	1 2	25 47	1 44	19 40	2 53	18 27	0 50	24 58	0 51	2 22	5 54	21 15	21 8	22 52		n.a.
S 16	14 49	4 12	4 28	13 3	0s 3	2 28	1 33	23 32	1 3	25 47	1 43	19 41	2 53	18 26	0 50	24 58	0 51	2 21	5 53	21 13	21 7	22 54		n.a.
M17	14 29	1n56	3 47	12 24	0 9	3 1	1 37	23 38	1 4	25 47	1 43	19 43	2 53	18 25	0 50	24 58	0 51	2 21	5 53	21 12	21 6	22 56		n.a.
T 18	14 9	8 3	2 54	11 45	0 16	3 33	1 40	23 44	1 5	25 47	1 43	19 44	2 53	18 24	0 50	24 58	0 51	2 20	5 53	21 11	21 6	22 58		n.a.
W19	13 48	13 50	1 49	11 5	0 22	4 4	1 43	23 50	1 6	25 47	1 43	19 46	2 53	18 23	0 50	24 58	0 51	2 19	5 53	21 10	21 5	23 0		n.a.
T 20	13 27	18 57	0 37	10 25	0 29	4 36	1 46	23 55	1 8	25 46	1 43	19 47	2 53	18 22	0 50	24 58	0 51	2 18	5 52	21 10	21 4	23 2		n.a.
F 21	13 6	23 3	0n37	9 44	0 35	5 8	1 49	24 1	1 9	25 46	1 42	19 49	2 53	18 21	0 50	24 58	0 51	2 17	5 52	21 10	21 4	23 3		n.a.
S 22	12 44	25 46	1 49	9 3	0 41	5 39	1 52	24 6	1 10	25 46	1 42	19 50	2 53	18 20	0 50	24 58	0 51	2 16	5 52	21 10	21 3	23 5		n.a.
S 23	12 23	26 49	2 55	8 22	0 47	6 11	1 55	24 12	1 11	25 46	1 42	19 51	2 53	18 19	0 50	24 58	0 51	2 15	5 52	21 9	21 2	23 7		n.a.
M24	12 1	26 5	3 50	7 41	0 54	6 42	1 58	24 17	1 12	25 46	1 42	19 53	2 53	18 18	0 50	24 58	0 52	2 14	5 52	21 8	21 2	23 9		n.a.
T 25	11 39	23 40	4 30	7 0	1 0	7 13	2 1	24 22	1 13	25 46	1 41	19 54	2 53	18 16	0 50	24 58	0 52	2 13	5 51	21 6	21 1	23 11		n.a.
W26	11 16	19 51	4 54	6 18	1 6	7 44	2 4	24 27	1 15	25 45	1 41	19 55	2 53	18 15	0 50	24 58	0 52	2 12	5 51	21 4	21 0	23 13		n.a.
T 27	10 54	15 1	5 0	5 37	1 11	8 15	2 7	24 32	1 16	25 45	1 41	19 57	2 52	18 14	0 50	24 58	0 52	2 11	5 51	21 1	21 0	23 15		n.a.
F 28	10 31	9 31	4 48	4 55	1 17	8 45	2 10	24 36	1 17	25 45	1 41	19 58	2 52	18 13	0 50	24 58	0 52	2 10	5 51	20 58	20 59	23 17		n.a.
S 29	10 8	3 44	4 21	4 13	1 23	9 15	2 13	24 41	1 18	25 45	1 41	19 59	2 52	18 12	0 50	24 58	0 52	2 10	5 51	20 55	20 58	23 19		n.a.
S 30	9n45	2s 4	3n42	3n32	1s28	9s45	2s15	24n45	1n19	25s45	1s40	20s 0	2s52	18n11	0n50	24n58	0n52	2n 9	5n50	20n53	20n58	23s21		n.a.

Julian Day Number = 202591.5, Delta T = 32h07m25s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'10, Lahiri = -61°05'09 Julian Calendar 1 Sept. 4159 BCE == Greg. Calendar 30 July 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

OCTOBER 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 29 15	6♍30'45	25♎59	19♍31	20♎16	17♊17	3°D21	13°R20	13♌ 2	28♊55	7♎53	0°R39	1♊ 4	10♐ 1	n.a.	M 1
T 2	22 33 11	7°32'01	8♏13	21° 2	21°26	17°47	3♑22	13♒16	13° 5	28°56	7°55	0♊35	1° 1	10° 8	n.a.	T 2
W 3	22 37 8	8°33'17	20°13	22°33	22°35	18°17	3°22	13°11	13° 9	28°57	7°56	0°34	0°58	10°15	n.a.	W 3
T 4	22 41 5	9°34'34	2♐ 4	24° 4	23°45	18°47	3°22	13° 7	13°12	28°58	7°58	0°D33	0°55	10°21	n.a.	T 4
F 5	22 45 1	10°35'52	13°51	25°35	24°55	19°17	3°23	13° 3	13°16	28°59	8° 0	0°R33	0°51	10°28	n.a.	F 5
S 6	22 48 58	11°37'10	25°41	27° 5	26° 4	19°46	3°24	12°59	13°19	29° 0	8° 2	0°32	0°48	10°35	n.a.	S 6
S 7	22 52 54	12°38'29	7♑38	28°34	27°14	20°16	3°25	12°55	13°23	29° 1	8° 4	0°30	0°45	10°41	n.a.	S 7
M 8	22 56 51	13°39'48	19°48	0♏ 3	28°23	20°45	3°26	12°51	13°26	29° 2	8° 6	0°25	0°42	10°48	n.a.	M 8
T 9	23 0 47	14°41'07	2♒14	1°31	29°32	21°14	3°28	12°47	13°29	29° 3	8° 9	0°17	0°39	10°55	n.a.	T 9
W10	23 4 44	15°42'27	15° 0	2°59	0♏41	21°43	3°29	12°44	13°33	29° 4	8°11	0° 6	0°36	11° 1	n.a.	W10
T 11	23 8 41	16°43'47	28° 7	4°25	1°49	22°12	3°31	12°40	13°36	29° 5	8°13	29♉54	0°32	11° 8	n.a.	T 11
F 12	23 12 37	17°45'08	11♓34	5°50	2°58	22°41	3°33	12°36	13°39	29° 5	8°15	29°42	0°29	11°15	n.a.	F 12
S 13	23 16 34	18°46'29	25°18	7°14	4° 6	23° 9	3°36	12°33	13°43	29° 6	8°17	29°30	0°26	11°21	n.a.	S 13
S 14	23 20 30	19°47'50	9♈16	8°37	5°15	23°38	3°38	12°29	13°46	29° 7	8°19	29°20	0°23	11°28	n.a.	S 14
M15	23 24 27	20°49'12	23°23	9°57	6°23	24° 6	3°41	12°26	13°49	29° 8	8°21	29°12	0°20	11°35	n.a.	M15
T 16	23 28 23	21°50'34	7♉35	11°15	7°31	24°33	3°44	12°23	13°52	29° 8	8°23	29° 8	0°16	11°41	n.a.	T 16
W17	23 32 20	22°51'57	21°48	12°31	8°39	25° 1	3°47	12°20	13°55	29° 9	8°25	29° 6	0°13	11°48	n.a.	W17
T 18	23 36 17	23°53'21	5♊59	13°43	9°46	25°29	3°50	12°16	13°59	29° 9	8°27	29°D 6	0°10	11°55	n.a.	T 18
F 19	23 40 13	24°54'45	20° 6	14°52	10°53	25°56	3°54	12°13	14° 2	29°10	8°29	29°R 6	0° 7	12° 1	n.a.	F 19
S 20	23 44 10	25°56'09	4♋ 9	15°57	12° 1	26°23	3°57	12°11	14° 5	29°10	8°32	29° 6	0° 4	12° 8	n.a.	S 20
S 21	23 48 6	26°57'34	18° 7	16°57	13° 8	26°50	4° 1	12° 8	14° 8	29°11	8°34	29° 4	0° 1	12°14	n.a.	S 21
M22	23 52 3	27°59'00	1♌59	17°51	14°14	27°16	4° 5	12° 5	14°11	29°11	8°36	29° 0	29♉57	12°21	n.a.	M22
T 23	23 55 59	29° 0'25	15°44	18°40	15°21	27°43	4° 9	12° 3	14°14	29°12	8°38	28°52	29°54	12°28	n.a.	T 23
W24	23 59 56	0♎ 1'51	29°19	19°21	16°27	28° 9	4°14	12° 0	14°17	29°12	8°40	28°43	29°51	12°34	n.a.	W24
T 25	0 3 53	1° 3'17	12♍43	19°54	17°34	28°35	4°18	11°58	14°20	29°12	8°42	28°33	29°48	12°41	n.a.	T 25
F 26	0 7 49	2° 4'42	25°54	20°18	18°39	29° 0	4°23	11°55	14°22	29°13	8°45	28°22	29°45	12°48	n.a.	F 26
S 27	0 11 46	3° 6'08	8♎50	20°32	19°45	29°26	4°28	11°53	14°25	29°13	8°47	28°12	29°41	12°54	n.a.	S 27
S 28	0 15 42	4° 7'33	21°29	20°R36	20°50	29°51	4°33	11°51	14°28	29°13	8°49	28° 4	29°38	13° 1	n.a.	S 28
M29	0 19 39	5° 8'59	3♏53	20°28	21°56	0♋16	4°39	11°49	14°31	29°13	8°51	27°58	29°35	13° 8	n.a.	M29
T 30	0 23 35	6°10'23	16° 3	20° 9	23° 1	0°40	4°44	11°47	14°33	29°13	8°53	27°55	29°32	13°14	n.a.	T 30
W31	0 27 32	7♎11'48	28♏ 1	19♎38	24♏ 5	1♋ 5	4♑50	11♒46	14♌36	29♊13	8♎55	27°D54	29♉29	13♐21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	9n22	7s39	2n52	2n50	1s34	10s15	2s18	24n50	1n21	25s44	1s40	20s 2	2s52	18n10	0n50	24n58	0n52	2n 8	5n50	20n52	20n57	23s23			n.a.
T 2	8 59	12 49	1 55	2 9	1 39	10 45	2 20	24 54	1 22	25 44	1 40	20 3	2 52	18 9	0 50	24 59	0 52	2 7	5 50	20 51	20 56	23 24			n.a.
W 3	8 35	17 25	0 55	1 27	1 44	11 14	2 23	24 58	1 23	25 44	1 40	20 4	2 52	18 8	0 50	24 59	0 52	2 6	5 50	20 51	20 56	23 26			n.a.
T 4	8 12	21 17	0s 8	0 46	1 48	11 43	2 25	25 2	1 25	25 44	1 39	20 5	2 52	18 7	0 50	24 59	0 52	2 5	5 50	20 51	20 55	23 28			n.a.
F 5	7 48	24 16	1 10	0 5	1 53	12 11	2 28	25 6	1 26	25 43	1 39	20 6	2 52	18 6	0 50	24 59	0 52	2 4	5 49	20 51	20 54	23 30			n.a.
S 6	7 24	26 12	2 9	0s35	1 57	12 40	2 30	25 9	1 27	25 43	1 39	20 7	2 51	18 5	0 50	24 59	0 52	2 3	5 49	20 50	20 54	23 32			n.a.
S 7	7 0	26 56	3 3	1 15	2 1	13 8	2 32	25 13	1 28	25 43	1 39	20 8	2 51	18 4	0 50	24 59	0 52	2 2	5 49	20 50	20 53	23 34			n.a.
M 8	6 36	26 24	3 50	1 55	2 4	13 35	2 34	25 16	1 30	25 42	1 38	20 9	2 51	18 3	0 50	24 59	0 52	2 1	5 49	20 49	20 52	23 35			n.a.
T 9	6 12	24 32	4 27	2 34	2 7	14 2	2 36	25 20	1 31	25 42	1 38	20 10	2 51	18 2	0 50	24 59	0 52	2 0	5 49	20 47	20 52	23 37			n.a.
W10	5 47	21 25	4 51	3 12	2 10	14 29	2 38	25 23	1 32	25 42	1 38	20 11	2 51	18 1	0 50	24 59	0 52	1 59	5 49	20 45	20 51	23 39			n.a.
T 11	5 23	17 9	5 1	3 49	2 13	14 56	2 40	25 26	1 34	25 42	1 38	20 12	2 51	18 0	0 50	24 59	0 52	1 58	5 48	20 42	20 50	23 41			n.a.
F 12	4 58	11 57	4 55	4 26	2 14	15 22	2 42	25 29	1 35	25 41	1 37	20 13	2 50	17 59	0 50	24 59	0 52	1 57	5 48	20 39	20 50	23 43			n.a.
S 13	4 34	6 3	4 32	5 1	2 16	15 48	2 43	25 32	1 37	25 41	1 37	20 14	2 50	17 58	0 50	24 59	0 52	1 56	5 48	20 37	20 49	23 45			n.a.
S 14	4 9	0n14	3 52	5 35	2 17	16 13	2 45	25 35	1 38	25 41	1 37	20 15	2 50	17 57	0 50	24 59	0 52	1 55	5 48	20 34	20 48	23 46			n.a.
M15	3 44	6 36	2 58	6 8	2 17	16 38	2 46	25 38	1 40	25 40	1 37	20 16	2 50	17 57	0 50	24 59	0 52	1 54	5 48	20 33	20 48	23 48			n.a.
T 16	3 19	12 40	1 52	6 39	2 16	17 2	2 47	25 41	1 41	25 40	1 36	20 16	2 50	17 56	0 50	24 59	0 52	1 53	5 48	20 32	20 47	23 50			n.a.
W17	2 54	18 6	0 39	7 8	2 15	17 26	2 49	25 43	1 42	25 40	1 36	20 17	2 49	17 55	0 50	24 59	0 52	1 52	5 47	20 31	20 46	23 52			n.a.
T 18	2 30	22 31	0n37	7 35	2 13	17 49	2 50	25 46	1 44	25 39	1 36	20 18	2 49	17 54	0 50	24 59	0 53	1 51	5 47	20 31	20 46	23 54			n.a.
F 19	2 5	25 33	1 50	8 0	2 10	18 12	2 51	25 48	1 45	25 39	1 36	20 18	2 49	17 53	0 50	24 59	0 53	1 50	5 47	20 31	20 45	23 55			n.a.
S 20	1 40	26 58	2 55	8 22	2 6	18 35	2 52	25 51	1 47	25 38	1 35	20 19	2 49	17 52	0 50	24 59	0 53	1 49	5 47	20 31	20 44	23 57			n.a.
S 21	1 14	26 39	3 50	8 41	2 1	18 57	2 52	25 53	1 48	25 38	1 35	20 20	2 49	17 51	0 50	24 59	0 53	1 48	5 47	20 31	20 43	23 59			n.a.
M22	0 49	24 41	4 31	8 57	1 55	19 18	2 53	25 55	1 50	25 38	1 35	20 20	2 48	17 50	0 50	24 59	0 53	1 47	5 47	20 30	20 43	24 1			n.a.
T 23	0 24	21 16	4 56	9 9	1 47	19 39	2 54	25 57	1 52	25 37	1 35	20 21	2 48	17 49	0 50	25 0	0 53	1 46	5 47	20 28	20 42	24 2			n.a.
W24	0s 1	16 45	5 4	9 18	1 39	20 0	2 54	25 59	1 53	25 37	1 34	20 21	2 48	17 49	0 50	25 0	0 53	1 45	5 47	20 26	20 41	24 4			n.a.
T 25	0 26	11 29	4 55	9 21	1 29	20 20	2 54	26 1	1 55	25 37	1 34	20 22	2 48	17 48	0 50	25 0	0 53	1 44	5 46	20 24	20 41	24 6			n.a.
F 26	0 51	5 47	4 30	9 20	1 17	20 39	2 54	26 3	1 56	25 36	1 34	20 22	2 47	17 47	0 50	25 0	0 53	1 43	5 46	20 21	20 40	24 8			n.a.
S 27	1 16	0s 3	3 52	9 14	1 4	20 58	2 54	26 5	1 58	25 36	1 34	20 23	2 47	17 46	0 50	25 0	0 53	1 42	5 46	20 19	20 39	24 9			n.a.
S 28	1 41	5 48	3 3	9 2	0 50	21 16	2 54	26 7	2 0	25 35	1 33	20 23	2 47	17 45	0 50	25 0	0 53	1 41	5 46	20 17	20 39	24 11			n.a.
M29	2 6	11 12	2 6	8 44	0 34	21 33	2 54	26 8	2 1	25 35	1 33	20 23	2 47	17 45	0 50	25 0	0 53	1 40	5 46	20 16	20 38	24 13			n.a.
T 30	2 31	16 6	1 4	8 21	0 17	21 50	2 54	26 10	2 3	25 34	1 33	20 24	2 47	17 44	0 51	25 0	0 53	1 39	5 46	20 15	20 37	24 15			n.a.
W31	2s56	20s17	0s 1	7s52	0n 2	22s 7	2s53	26n11	2n 5	25s34	1s33	20s24	2s46	17n43	0n51	25n 0	0n53	1n38	5n46	20n15	20n36	24s16			n.a.

Julian Day Number = 202621.5, Delta T = 32h07m22s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'06, Lahiri = -61°05'05 Julian Calendar 1 Oct. 4159 BCE == Greg. Calendar 29 Aug. 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

NOVEMBER 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 31 29	8♎13'11	9♐51	18°R55	25♏ 9	1♋29	4♑56	11°R44	14♘39	29♊13	8♎58	27♉55	29♉26	13♐28	n.a.	T 1
F 2	0 35 25	9°14'34	21°38	18♎ 2	26°13	1°53	5° 2	11♒43	14°41	29°14	9° 0	27°57	29°22	13°34	n.a.	F 2
S 3	0 39 22	10°15'57	3♑27	16°59	27°17	2°16	5° 8	11°41	14°44	29°R14	9° 2	27°58	29°19	13°41	n.a.	S 3
S 4	0 43 18	11°17'18	15°23	15°48	28°20	2°39	5°15	11°40	14°46	29°13	9° 4	27°R58	29°16	13°48	n.a.	S 4
M 5	0 47 15	12°18'39	27°32	14°32	29°23	3° 2	5°21	11°39	14°49	29°13	9° 6	27°56	29°13	13°54	n.a.	M 5
T 6	0 51 11	13°19'59	9♒58	13°12	0♐26	3°25	5°28	11°38	14°51	29°13	9° 9	27°53	29°10	14° 1	n.a.	T 6
W 7	0 55 8	14°21'19	22°46	11°52	1°28	3°47	5°35	11°37	14°54	29°13	9°11	27°48	29° 7	14° 8	n.a.	W 7
T 8	0 59 5	15°22'37	5♓57	10°34	2°30	4° 9	5°42	11°36	14°56	29°13	9°13	27°41	29° 3	14°14	n.a.	T 8
F 9	1 3 1	16°23'54	19°34	9°21	3°32	4°30	5°49	11°35	14°58	29°13	9°15	27°34	29° 0	14°21	n.a.	F 9
S 10	1 6 58	17°25'10	3♈33	8°13	4°33	4°52	5°56	11°35	15° 0	29°13	9°17	27°27	28°57	14°27	n.a.	S 10
S 11	1 10 54	18°26'26	17°53	7°14	5°34	5°13	6° 4	11°34	15° 3	29°12	9°19	27°21	28°54	14°34	n.a.	S 11
M12	1 14 51	19°27'41	2♉26	6°23	6°34	5°33	6°12	11°34	15° 5	29°12	9°22	27°17	28°51	14°41	n.a.	M12
T 13	1 18 48	20°28'55	17° 6	5°42	7°34	5°53	6°19	11°33	15° 7	29°12	9°24	27°15	28°47	14°47	n.a.	T 13
W14	1 22 44	21°30'08	1♊46	5°10	8°33	6°13	6°27	11°33	15° 9	29°11	9°26	27°D14	28°44	14°54	n.a.	W14
T 15	1 26 41	22°31'21	16°21	4°48	9°32	6°33	6°35	11°D33	15°11	29°11	9°28	27°15	28°41	15° 1	n.a.	T 15
F 16	1 30 37	23°32'33	0♋46	4°35	10°30	6°52	6°44	11°33	15°13	29°10	9°30	27°17	28°38	15° 7	n.a.	F 16
S 17	1 34 34	24°33'44	14°57	4°D31	11°28	7°11	6°52	11°34	15°15	29°10	9°32	27°18	28°35	15°14	n.a.	S 17
S 18	1 38 30	25°34'54	28°54	4°35	12°25	7°29	7° 1	11°34	15°17	29° 9	9°35	27°R18	28°32	15°21	n.a.	S 18
M19	1 42 27	26°36'04	12♌37	4°47	13°22	7°47	7° 9	11°34	15°19	29° 9	9°37	27°17	28°28	15°27	n.a.	M19
T 20	1 46 24	27°37'13	26° 5	5° 5	14°18	8° 4	7°18	11°35	15°20	29° 8	9°39	27°15	28°25	15°34	n.a.	T 20
W21	1 50 20	28°38'21	9♍18	5°31	15°14	8°21	7°27	11°36	15°22	29° 8	9°41	27°11	28°22	15°41	n.a.	W21
T 22	1 54 17	29°39'28	22°18	6° 2	16° 9	8°38	7°36	11°36	15°24	29° 7	9°43	27° 6	28°19	15°47	n.a.	T 22
F 23	1 58 13	0♏40'33	5♎ 5	6°39	17° 3	8°54	7°45	11°37	15°25	29° 7	9°45	27° 2	28°16	15°54	n.a.	F 23
S 24	2 2 10	1°41'38	17°40	7°20	17°57	9° 9	7°55	11°38	15°27	29° 6	9°47	26°58	28°13	16° 1	n.a.	S 24
S 25	2 6 6	2°42'41	0♏ 2	8° 6	18°50	9°24	8° 4	11°40	15°28	29° 5	9°49	26°54	28° 9	16° 7	n.a.	S 25
M26	2 10 3	3°43'43	12°13	8°56	19°42	9°39	8°14	11°41	15°30	29° 4	9°51	26°52	28° 6	16°14	n.a.	M26
T 27	2 14 0	4°44'44	24°15	9°49	20°34	9°53	8°24	11°42	15°31	29° 4	9°53	26°D51	28° 3	16°21	n.a.	T 27
W28	2 17 56	5°45'43	6♐ 9	10°46	21°24	10° 7	8°33	11°44	15°33	29° 3	9°55	26°51	28° 0	16°27	n.a.	W28
T 29	2 21 53	6°46'41	17°58	11°46	22°14	10°20	8°43	11°45	15°34	29° 2	9°57	26°53	27°57	16°34	n.a.	T 29
F 30	2 25 49	7♏47'37	29♐45	12♎48	23♐ 3	10♋33	8♑54	11♒47	15♘35	29♊ 1	9♎59	26♉54	27♉53	16♐41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s21	23s37	1s 4	7s17	0n21	22s23	2s53	26n13	2n 7	25s33	1s32	20s24	2s46	17n42	0n51	25n 0	0n53	1n37	5n46	20n15	20n36	24s18		n.a.
F 2	3 46	25 55	2 5	6 38	0 41	22 38	2 52	26 14	2 8	25 33	1 32	20 24	2 46	17 41	0 51	25 0	0 53	1 36	5 46	20 16	20 35	24 20		n.a.
S 3	4 11	27 4	3 0	5 55	1 1	22 52	2 51	26 16	2 10	25 33	1 32	20 24	2 45	17 41	0 51	25 0	0 53	1 35	5 45	20 16	20 34	24 21		n.a.
S 4	4 35	26 59	3 48	5 9	1 21	23 6	2 50	26 17	2 12	25 32	1 32	20 25	2 45	17 40	0 51	25 0	0 53	1 34	5 45	20 16	20 34	24 23		n.a.
M 5	5 0	25 36	4 27	4 21	1 41	23 19	2 48	26 18	2 14	25 32	1 31	20 25	2 45	17 39	0 51	25 0	0 53	1 33	5 45	20 16	20 33	24 25		n.a.
T 6	5 24	22 58	4 55	3 32	1 59	23 32	2 47	26 20	2 15	25 31	1 31	20 25	2 45	17 39	0 51	25 0	0 53	1 32	5 45	20 15	20 32	24 26		n.a.
W 7	5 49	19 9	5 8	2 45	2 15	23 44	2 45	26 21	2 17	25 30	1 31	20 25	2 44	17 38	0 51	25 0	0 53	1 31	5 45	20 14	20 32	24 28		n.a.
T 8	6 13	14 18	5 6	2 0	2 30	23 55	2 44	26 22	2 19	25 30	1 31	20 25	2 44	17 37	0 51	25 0	0 53	1 31	5 45	20 12	20 31	24 30		n.a.
F 9	6 37	8 37	4 47	1 19	2 43	24 6	2 42	26 23	2 21	25 29	1 31	20 25	2 44	17 37	0 51	25 0	0 53	1 30	5 45	20 10	20 30	24 31		n.a.
S 10	7 2	2 22	4 11	0 42	2 54	24 16	2 40	26 24	2 23	25 29	1 30	20 25	2 44	17 36	0 51	25 0	0 54	1 29	5 45	20 9	20 29	24 33		n.a.
S 11	7 26	4n10	3 18	0 10	3 2	24 25	2 37	26 25	2 25	25 28	1 30	20 24	2 43	17 35	0 51	25 0	0 54	1 28	5 45	20 7	20 29	24 35		n.a.
M12	7 49	10 37	2 11	0n16	3 8	24 33	2 35	26 26	2 27	25 28	1 30	20 24	2 43	17 35	0 51	25 0	0 54	1 27	5 45	20 6	20 28	24 36		n.a.
T 13	8 13	16 32	0 55	0 36	3 12	24 41	2 32	26 28	2 29	25 27	1 30	20 24	2 43	17 34	0 51	25 0	0 54	1 26	5 45	20 6	20 27	24 38		n.a.
W14	8 37	21 30	0n25	0 51	3 15	24 49	2 30	26 29	2 31	25 26	1 29	20 24	2 43	17 34	0 51	25 0	0 54	1 25	5 45	20 6	20 26	24 40		n.a.
T 15	9 0	25 5	1 42	1 1	3 15	24 55	2 27	26 30	2 33	25 26	1 29	20 24	2 42	17 33	0 51	25 1	0 54	1 24	5 44	20 6	20 26	24 41		n.a.
F 16	9 23	27 0	2 53	1 5	3 14	25 1	2 23	26 31	2 35	25 25	1 29	20 23	2 42	17 32	0 51	25 1	0 54	1 23	5 44	20 6	20 25	24 43		n.a.
S 17	9 47	27 5	3 52	1 5	3 12	25 6	2 20	26 32	2 37	25 25	1 29	20 23	2 42	17 32	0 51	25 1	0 54	1 22	5 44	20 7	20 24	24 44		n.a.
S 18	10 10	25 27	4 36	1 0	3 9	25 11	2 16	26 33	2 39	25 24	1 29	20 23	2 41	17 31	0 51	25 1	0 54	1 21	5 44	20 7	20 24	24 46		n.a.
M19	10 32	22 19	5 3	0 51	3 4	25 14	2 13	26 34	2 41	25 23	1 28	20 22	2 41	17 31	0 51	25 1	0 54	1 20	5 44	20 6	20 23	24 48		n.a.
T 20	10 55	18 4	5 13	0 39	2 59	25 18	2 9	26 35	2 43	25 22	1 28	20 22	2 41	17 30	0 51	25 1	0 54	1 20	5 44	20 6	20 22	24 49		n.a.
W21	11 18	13 0	5 6	0 23	2 53	25 20	2 5	26 36	2 46	25 22	1 28	20 21	2 41	17 30	0 51	25 1	0 54	1 19	5 44	20 5	20 21	24 51		n.a.
T 22	11 40	7 27	4 43	0 5	2 47	25 22	2 0	26 37	2 48	25 21	1 28	20 21	2 40	17 29	0 51	25 1	0 54	1 18	5 44	20 4	20 21	24 52		n.a.
F 23	12 2	1 41	4 7	0s16	2 40	25 23	1 56	26 38	2 50	25 20	1 28	20 20	2 40	17 29	0 52	25 1	0 54	1 17	5 44	20 3	20 20	24 54		n.a.
S 24	12 24	4s 4	3 19	0 40	2 33	25 24	1 51	26 39	2 52	25 20	1 27	20 20	2 40	17 29	0 52	25 1	0 54	1 16	5 44	20 2	20 19	24 55		n.a.
S 25	12 45	9 35	2 22	1 6	2 25	25 23	1 46	26 40	2 55	25 19	1 27	20 19	2 39	17 28	0 52	25 1	0 54	1 15	5 44	20 1	20 19	24 57		n.a.
M26	13 7	14 40	1 20	1 33	2 17	25 23	1 41	26 41	2 57	25 18	1 27	20 18	2 39	17 28	0 52	25 1	0 54	1 14	5 44	20 0	20 18	24 59		n.a.
T 27	13 28	19 8	0 14	2 2	2 9	25 21	1 35	26 43	2 59	25 17	1 27	20 18	2 39	17 27	0 52	25 1	0 54	1 14	5 44	20 0	20 17	25 0		n.a.
W28	13 49	22 47	0s51	2 32	2 1	25 19	1 30	26 44	3 1	25 16	1 27	20 17	2 39	17 27	0 52	25 1	0 54	1 13	5 44	20 0	20 16	25 2		n.a.
T 29	14 9	25 27	1 54	3 4	1 52	25 17	1 24	26 45	3 4	25 15	1 26	20 16	2 38	17 27	0 52	25 1	0 54	1 12	5 44	20 1	20 16	25 3		n.a.
F 30	14s30	26s59	2s52	3s37	1n44	25s13	1s18	26n46	3n 6	25s15	1s26	20s16	2s38	17n26	0n52	25n 1	0n54	1n11	5n44	20n 1	20n15	25s 5		n.a.

Julian Day Number = 202652.5, Delta T = 32h07m19s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°12'02, Lahiri = -61°05'01 Julian Calendar 1 Nov. 4159 BCE == Greg. Calendar 29 Sept. 4159 BCE

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ASTRODIENST EPHEMERIS for the year 4159 BCE
geocentric

DECEMBER 4159 BCE (-4158) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 29 46	8♏48'31	11♑34	13♎53	23♐51	10♋45	9♑ 4	11♒49	15♌36	29°R 0	10♎ 1	26♉56	27♉50	16♐47	n.a.	S 1
S 2	2 33 42	9°49'24	23°30	15° 0	24°39	10°56	9°14	11°51	15°37	28♊59	10° 3	26°57	27°47	16°54	n.a.	S 2
M 3	2 37 39	10°50'15	5♒36	16° 9	25°25	11° 7	9°24	11°53	15°39	28°58	10° 5	26°R58	27°44	17° 0	n.a.	M 3
T 4	2 41 36	11°51'04	17°58	17°21	26°10	11°18	9°35	11°55	15°40	28°57	10° 7	26°58	27°41	17° 7	n.a.	T 4
W 5	2 45 32	12°51'50	0♓41	18°34	26°54	11°27	9°46	11°57	15°41	28°56	10° 9	26°57	27°38	17°14	n.a.	W 5
T 6	2 49 29	13°52'35	13°48	19°48	27°37	11°37	9°56	12° 0	15°41	28°55	10°11	26°56	27°34	17°20	n.a.	T 6
F 7	2 53 25	14°53'18	27°21	21° 4	28°19	11°45	10° 7	12° 2	15°42	28°54	10°13	26°54	27°31	17°27	n.a.	F 7
S 8	2 57 22	15°53'59	11♈22	22°22	29° 0	11°53	10°18	12° 5	15°43	28°53	10°15	26°53	27°28	17°34	n.a.	S 8
S 9	3 1 18	16°54'38	25°47	23°41	29°40	12° 1	10°29	12° 8	15°44	28°52	10°16	26°52	27°25	17°40	n.a.	S 9
M10	3 5 15	17°55'15	10♉33	25° 1	0♑18	12° 7	10°40	12°10	15°45	28°51	10°18	26°51	27°22	17°47	n.a.	M10
T 11	3 9 12	18°55'51	25°32	26°23	0°55	12°13	10°52	12°13	15°45	28°50	10°20	26°D50	27°18	17°54	n.a.	T 11
W12	3 13 8	19°56'24	10♊36	27°45	1°31	12°19	11° 3	12°16	15°46	28°48	10°22	26°51	27°15	18° 0	n.a.	W12
T 13	3 17 5	20°56'56	25°37	29° 9	2° 5	12°24	11°14	12°20	15°46	28°47	10°24	26°51	27°12	18° 7	n.a.	T 13
F 14	3 21 1	21°57'27	10♋26	0♏34	2°38	12°28	11°26	12°23	15°47	28°46	10°25	26°52	27° 9	18°14	n.a.	F 14
S 15	3 24 58	22°57'56	24°57	2° 0	3° 9	12°31	11°38	12°26	15°47	28°45	10°27	26°52	27° 6	18°20	n.a.	S 15
S 16	3 28 54	23°58'23	9♌ 7	3°27	3°38	12°34	11°49	12°30	15°48	28°44	10°29	26°52	27° 3	18°27	n.a.	S 16
M17	3 32 51	24°58'48	22°54	4°56	4° 6	12°36	12° 1	12°33	15°48	28°42	10°31	26°R52	26°59	18°34	n.a.	M17
T 18	3 36 48	25°59'11	6♍18	6°25	4°32	12°37	12°13	12°37	15°48	28°41	10°32	26°52	26°56	18°40	n.a.	T 18
W19	3 40 44	26°59'33	19°22	7°55	4°57	12°R38	12°25	12°41	15°49	28°40	10°34	26°D52	26°53	18°47	n.a.	W19
T 20	3 44 41	27°59'53	2♎ 7	9°26	5°19	12°37	12°37	12°44	15°49	28°38	10°36	26°52	26°50	18°54	n.a.	T 20
F 21	3 48 37	29° 0'12	14°37	10°58	5°40	12°36	12°49	12°48	15°49	28°37	10°37	26°53	26°47	19° 0	n.a.	F 21
S 22	3 52 34	0♐ 0'28	26°54	12°31	5°59	12°35	13° 1	12°52	15°R49	28°35	10°39	26°53	26°44	19° 7	n.a.	S 22
S 23	3 56 30	1° 0'43	9♏ 1	14° 5	6°16	12°32	13°14	12°56	15°49	28°34	10°40	26°53	26°40	19°14	n.a.	S 23
M24	4 0 27	2° 0'55	21° 0	15°41	6°30	12°29	13°26	13° 1	15°49	28°33	10°42	26°R53	26°37	19°20	n.a.	M24
T 25	4 4 23	3° 1'06	2♐53	17°17	6°43	12°25	13°38	13° 5	15°49	28°31	10°43	26°53	26°34	19°27	n.a.	T 25
W26	4 8 20	4° 1'14	14°43	18°54	6°53	12°20	13°51	13° 9	15°48	28°30	10°45	26°53	26°31	19°34	n.a.	W26
T 27	4 12 17	5° 1'21	26°31	20°32	7° 1	12°14	14° 3	13°14	15°48	28°28	10°46	26°52	26°28	19°40	n.a.	T 27
F 28	4 16 13	6° 1'25	8♑19	22°11	7° 6	12° 8	14°16	13°18	15°48	28°27	10°48	26°51	26°24	19°47	n.a.	F 28
S 29	4 20 10	7° 1'27	20°11	23°51	7°10	12° 1	14°29	13°23	15°48	28°25	10°49	26°50	26°21	19°54	n.a.	S 29
S 30	4 24 6	8° 1'26	2♒ 9	25°32	7°R10	11°53	14°42	13°28	15°47	28°24	10°51	26°48	26°18	20° 0	n.a.	S 30
M31	4 28 3	9♐ 1'23	14♒17	27♏15	7♑ 9	11♋44	14♑54	13♒33	15♌47	28♊22	10♎52	26♉47	26♉15	20♐ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s50	27s18	3s43	4s10	1n35	25s 9	1s11	26n48	3n 9	25s14	1s26	20s15	2s38	17n26	0n52	25n 1	0n54	1n10	5n44	20n 1	20n14	25s 6		n.a.
S 2	15 10	26 21	4 24	4 45	1 27	25 5	1 5	26 49	3 11	25 13	1 26	20 14	2 37	17 26	0 52	25 1	0 54	1 9	5 44	20 2	20 13	25 8		n.a.
M 3	15 30	24 9	4 55	5 20	1 18	25 0	0 58	26 51	3 13	25 12	1 26	20 13	2 37	17 25	0 52	25 1	0 54	1 9	5 44	20 2	20 13	25 9		n.a.
T 4	15 49	20 49	5 13	5 56	1 10	24 54	0 51	26 52	3 16	25 11	1 26	20 12	2 37	17 25	0 52	25 1	0 55	1 8	5 44	20 2	20 12	25 11		n.a.
W 5	16 8	16 26	5 16	6 32	1 1	24 48	0 44	26 54	3 18	25 10	1 25	20 11	2 37	17 25	0 52	25 1	0 55	1 7	5 44	20 2	20 11	25 12		n.a.
T 6	16 27	11 11	5 3	7 9	0 53	24 42	0 36	26 56	3 21	25 9	1 25	20 10	2 36	17 25	0 52	25 1	0 55	1 6	5 44	20 1	20 10	25 14		n.a.
F 7	16 45	5 14	4 33	7 46	0 44	24 34	0 28	26 57	3 23	25 8	1 25	20 9	2 36	17 24	0 52	25 1	0 55	1 6	5 44	20 1	20 10	25 15		n.a.
S 8	17 4	1n 9	3 46	8 23	0 36	24 27	0 20	26 59	3 26	25 7	1 25	20 8	2 36	17 24	0 52	25 1	0 55	1 5	5 44	20 1	20 9	25 17		n.a.
S 9	17 21	7 42	2 44	9 1	0 28	24 19	0 12	27 1	3 29	25 6	1 25	20 7	2 35	17 24	0 52	25 1	0 55	1 4	5 44	20 0	20 8	25 18		n.a.
M10	17 39	14 0	1 29	9 39	0 20	24 10	0 3	27 3	3 31	25 5	1 25	20 6	2 35	17 24	0 52	25 1	0 55	1 3	5 44	20 0	20 7	25 20		n.a.
T 11	17 56	19 34	0 7	10 17	0 12	24 1	0n 6	27 5	3 34	25 4	1 25	20 5	2 35	17 24	0 52	25 1	0 55	1 3	5 44	20 0	20 7	25 21		n.a.
W12	18 13	23 55	1n16	10 54	0 4	23 52	0 15	27 7	3 36	25 3	1 24	20 4	2 35	17 24	0 52	25 1	0 55	1 2	5 44	20 0	20 6	25 23		n.a.
T 13	18 30	26 36	2 33	11 32	0s 4	23 42	0 24	27 9	3 39	25 1	1 24	20 3	2 34	17 23	0 52	25 1	0 55	1 1	5 44	20 0	20 5	25 24		n.a.
F 14	18 46	27 20	3 39	12 10	0 11	23 31	0 34	27 11	3 42	25 0	1 24	20 1	2 34	17 23	0 53	25 1	0 55	1 1	5 44	20 0	20 4	25 25		n.a.
S 15	19 2	26 10	4 30	12 48	0 18	23 21	0 44	27 14	3 44	24 59	1 24	20 0	2 34	17 23	0 53	25 1	0 55	1 0	5 44	20 0	20 4	25 27		n.a.
S 16	19 18	23 20	5 3	13 25	0 26	23 10	0 54	27 16	3 47	24 58	1 24	19 59	2 34	17 23	0 53	25 1	0 55	0 59	5 44	20 0	20 3	25 28		n.a.
M17	19 33	19 14	5 17	14 2	0 33	22 58	1 5	27 18	3 50	24 57	1 24	19 58	2 33	17 23	0 53	25 1	0 55	0 59	5 44	20 1	20 2	25 30		n.a.
T 18	19 48	14 17	5 13	14 39	0 39	22 47	1 15	27 21	3 52	24 55	1 24	19 56	2 33	17 23	0 53	25 2	0 55	0 58	5 44	20 1	20 1	25 31		n.a.
W19	20 2	8 48	4 54	15 16	0 46	22 35	1 26	27 24	3 55	24 54	1 23	19 55	2 33	17 23	0 53	25 2	0 55	0 57	5 44	20 0	20 1	25 33		n.a.
T 20	20 16	3 5	4 20	15 52	0 52	22 23	1 38	27 26	3 58	24 53	1 23	19 54	2 33	17 23	0 53	25 2	0 55	0 57	5 44	20 1	20 0	25 34		n.a.
F 21	20 30	2s39	3 34	16 28	0 58	22 10	1 49	27 29	4 0	24 51	1 23	19 52	2 32	17 23	0 53	25 2	0 55	0 56	5 44	20 1	19 59	25 35		n.a.
S 22	20 43	8 11	2 39	17 3	1 4	21 58	2 1	27 32	4 3	24 50	1 23	19 51	2 32	17 23	0 53	25 2	0 55	0 56	5 44	20 1	19 58	25 37		n.a.
S 23	20 56	13 22	1 38	17 37	1 10	21 45	2 13	27 35	4 6	24 49	1 23	19 49	2 32	17 23	0 53	25 2	0 55	0 55	5 44	20 1	19 58	25 38		n.a.
M24	21 9	17 59	0 33	18 11	1 15	21 32	2 25	27 38	4 8	24 47	1 23	19 48	2 32	17 23	0 53	25 2	0 55	0 54	5 44	20 1	19 57	25 39		n.a.
T 25	21 21	21 52	0s33	18 45	1 20	21 19	2 38	27 41	4 11	24 46	1 23	19 46	2 31	17 23	0 53	25 2	0 55	0 54	5 44	20 1	19 56	25 41		n.a.
W26	21 33	24 49	1 37	19 17	1 25	21 5	2 51	27 44	4 14	24 44	1 23	19 45	2 31	17 23	0 53	25 2	0 55	0 53	5 44	20 1	19 55	25 42		n.a.
T 27	21 44	26 41	2 37	19 49	1 30	20 52	3 4	27 47	4 16	24 43	1 23	19 43	2 31	17 23	0 53	25 2	0 55	0 53	5 44	20 0	19 55	25 44		n.a.
F 28	21 55	27 20	3 30	20 20	1 34	20 39	3 17	27 50	4 19	24 42	1 22	19 42	2 31	17 24	0 53	25 2	0 55	0 52	5 45	20 0	19 54	25 45		n.a.
S 29	22 6	26 44	4 14	20 50	1 38	20 25	3 30	27 54	4 21	24 40	1 22	19 40	2 30	17 24	0 53	25 2	0 55	0 52	5 45	20 0	19 53	25 46		n.a.
S 30	22 16	24 54	4 48	21 19	1 41	20 12	3 44	27 57	4 24	24 38	1 22	19 38	2 30	17 24	0 53	25 2	0 55	0 51	5 45	19 59	19 52	25 48		n.a.
M31	22s25	21s55	5s 9	21s47	1s44	19s58	3n57	28n 0	4n27	24s37	1s22	19s37	2s30	17n24	0n53	25n 2	0n55	0n51	5n45	19n59	19n52	25s49		n.a.

Julian Day Number = 202682.5, Delta T = 32h07m16s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'58, Lahiri = -61°04'57 Julian Calendar 1 Dec. 4159 BCE == Greg. Calendar 29 Oct. 4159 BCE

The year -4158 astronomical counting style corresponds to year 4159 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

JANUARY 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 31 59	10♐ 1'17	26♒38	28♏58	7°R 4	11°R35	15♑ 7	13♒38	15°R46	28°R21	10♎53	26°R46	26♉12	20♐14	n.a.	T 1
W 2	4 35 56	11° 1'10	9♓16	0♐43	6♑58	11♋24	15°20	13°43	15♌46	28♊19	10°55	26°D45	26° 9	20°20	n.a.	W 2
T 3	4 39 52	12° 0'59	22°16	2°28	6°48	11°13	15°33	13°48	15°45	28°18	10°56	26♉45	26° 5	20°27	n.a.	T 3
F 4	4 43 49	13° 0'46	5♈40	4°15	6°36	11° 1	15°46	13°53	15°44	28°16	10°57	26°46	26° 2	20°34	n.a.	F 4
S 5	4 47 46	14° 0'30	19°30	6° 3	6°22	10°49	15°59	13°58	15°44	28°14	10°58	26°47	25°59	20°40	n.a.	S 5
S 6	4 51 42	15° 0'12	3♉47	7°52	6° 5	10°36	16°13	14° 4	15°43	28°13	11° 0	26°49	25°56	20°47	n.a.	S 6
M 7	4 55 39	15°59'52	18°28	9°42	5°46	10°22	16°26	14° 9	15°42	28°11	11° 1	26°50	25°53	20°54	n.a.	M 7
T 8	4 59 35	16°59'29	3♊29	11°33	5°24	10° 7	16°39	14°15	15°41	28°10	11° 2	26°R50	25°50	21° 0	n.a.	T 8
W 9	5 3 32	17°59'04	18°42	13°25	5° 0	9°52	16°52	14°20	15°40	28° 8	11° 3	26°49	25°46	21° 7	n.a.	W 9
T 10	5 7 28	18°58'37	3♋57	15°19	4°33	9°36	17° 6	14°26	15°39	28° 6	11° 4	26°47	25°43	21°14	n.a.	T 10
F 11	5 11 25	19°58'07	19° 4	17°13	4° 5	9°19	17°19	14°31	15°38	28° 5	11° 5	26°44	25°40	21°20	n.a.	F 11
S 12	5 15 21	20°57'35	3♌54	19° 9	3°35	9° 2	17°33	14°37	15°37	28° 3	11° 6	26°40	25°37	21°27	n.a.	S 12
S 13	5 19 18	21°57'02	18°20	21° 6	3° 3	8°44	17°46	14°43	15°36	28° 1	11° 7	26°37	25°34	21°34	n.a.	S 13
M14	5 23 14	22°56'26	2♍19	23° 3	2°29	8°25	18° 0	14°49	15°35	28° 0	11° 8	26°35	25°30	21°40	n.a.	M14
T 15	5 27 11	23°55'48	15°50	25° 2	1°54	8° 6	18°13	14°55	15°34	27°58	11° 9	26°33	25°27	21°47	n.a.	T 15
W16	5 31 8	24°55'08	28°55	27° 1	1°18	7°46	18°27	15° 1	15°33	27°56	11°10	26°D33	25°24	21°53	n.a.	W16
T 17	5 35 4	25°54'26	11♎37	29° 1	0°41	7°26	18°40	15° 7	15°31	27°55	11°11	26°34	25°21	22° 0	n.a.	T 17
F 18	5 39 1	26°53'42	23°59	1♑ 2	0° 3	7° 6	18°54	15°13	15°30	27°53	11°12	26°36	25°18	22° 7	n.a.	F 18
S 19	5 42 57	27°52'56	6♏ 7	3° 3	29♐25	6°45	19° 8	15°20	15°29	27°52	11°13	26°37	25°15	22°13	n.a.	S 19
S 20	5 46 54	28°52'07	18° 5	5° 4	28°46	6°23	19°22	15°26	15°27	27°50	11°13	26°39	25°11	22°20	n.a.	S 20
M21	5 50 50	29°51'17	29°56	7° 5	28° 8	6° 2	19°35	15°32	15°26	27°48	11°14	26°R39	25° 8	22°27	n.a.	M21
T 22	5 54 47	0♑50'25	11♐44	9° 6	27°30	5°40	19°49	15°39	15°24	27°47	11°15	26°38	25° 5	22°33	n.a.	T 22
W23	5 58 43	1°49'31	23°31	11° 6	26°53	5°18	20° 3	15°45	15°23	27°45	11°16	26°35	25° 2	22°40	n.a.	W23
T 24	6 2 40	2°48'34	5♑20	13° 6	26°16	4°55	20°17	15°52	15°21	27°43	11°16	26°30	24°59	22°47	n.a.	T 24
F 25	6 6 36	3°47'35	17°13	15° 4	25°41	4°32	20°31	15°59	15°20	27°42	11°17	26°24	24°56	22°53	n.a.	F 25
S 26	6 10 33	4°46'33	29°12	17° 0	25° 7	4°10	20°45	16° 5	15°18	27°40	11°17	26°17	24°52	23° 0	n.a.	S 26
S 27	6 14 29	5°45'30	11♒17	18°54	24°34	3°47	20°59	16°12	15°16	27°38	11°18	26° 9	24°49	23° 7	n.a.	S 27
M28	6 18 26	6°44'24	23°32	20°46	24° 3	3°24	21°13	16°19	15°14	27°37	11°19	26° 3	24°46	23°13	n.a.	M28
T 29	6 22 22	7°43'15	5♓59	22°35	23°33	3° 1	21°27	16°26	15°13	27°35	11°19	25°57	24°43	23°20	n.a.	T 29
W30	6 26 19	8°42'04	18°39	24°21	23° 6	2°38	21°41	16°32	15°11	27°33	11°20	25°53	24°40	23°27	n.a.	W30
T 31	6 30 16	9♑40'50	1♈36	26♑ 3	22♐41	2♋16	21♑55	16♒39	15♌ 9	27♊32	11♎20	25♉51	24♉36	23♐33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	22s35	17s55	5s17	22s14	1s47	19s45	4n11	28n 4	4n29	24s35	1s22	19s35	2s30	17n24	0n53	25n 2	0n55	0n50	5n45	19n59	19n51	25s50			n.a.
W 2	22 44	13 4	5 9	22 40	1 50	19 32	4 24	28 7	4 32	24 34	1 22	19 33	2 30	17 25	0 53	25 2	0 55	0 50	5 45	19 59	19 50	25 52			n.a.
T 3	22 52	7 30	4 46	23 4	1 52	19 18	4 38	28 10	4 34	24 32	1 22	19 32	2 29	17 25	0 53	25 2	0 55	0 49	5 45	19 59	19 49	25 53			n.a.
F 4	23 0	1 27	4 7	23 27	1 53	19 5	4 52	28 14	4 36	24 30	1 22	19 30	2 29	17 25	0 54	25 2	0 55	0 49	5 45	19 59	19 48	25 54			n.a.
S 5	23 7	4n53	3 12	23 48	1 55	18 52	5 5	28 17	4 39	24 29	1 22	19 28	2 29	17 25	0 54	25 2	0 55	0 48	5 45	19 59	19 48	25 55			n.a.
S 6	23 15	11 12	2 4	24 8	1 55	18 40	5 19	28 21	4 41	24 27	1 22	19 26	2 29	17 26	0 54	25 2	0 56	0 48	5 45	20 0	19 47	25 57			n.a.
M 7	23 21	17 4	0 46	24 26	1 56	18 27	5 32	28 24	4 43	24 25	1 22	19 24	2 28	17 26	0 54	25 2	0 56	0 48	5 45	20 0	19 46	25 58			n.a.
T 8	23 27	22 3	0n37	24 42	1 55	18 15	5 45	28 27	4 45	24 23	1 21	19 23	2 28	17 26	0 54	25 2	0 56	0 47	5 45	20 0	19 45	25 59			n.a.
W 9	23 33	25 35	1 58	24 57	1 55	18 3	5 58	28 31	4 47	24 22	1 21	19 21	2 28	17 26	0 54	25 2	0 56	0 47	5 45	20 0	19 45	26 1			n.a.
T 10	23 38	27 14	3 11	25 9	1 53	17 52	6 10	28 34	4 49	24 20	1 21	19 19	2 28	17 27	0 54	25 2	0 56	0 46	5 45	19 59	19 44	26 2			n.a.
F 11	23 43	26 50	4 9	25 20	1 51	17 41	6 22	28 37	4 51	24 18	1 21	19 17	2 28	17 27	0 54	25 2	0 56	0 46	5 45	19 58	19 43	26 3			n.a.
S 12	23 48	24 31	4 50	25 28	1 49	17 30	6 34	28 40	4 53	24 16	1 21	19 15	2 27	17 27	0 54	25 2	0 56	0 46	5 45	19 58	19 42	26 4			n.a.
S 13	23 52	20 40	5 11	25 34	1 46	17 20	6 45	28 44	4 55	24 14	1 21	19 13	2 27	17 28	0 54	25 2	0 56	0 45	5 46	19 57	19 42	26 6			n.a.
M14	23 55	15 47	5 13	25 38	1 43	17 10	6 55	28 46	4 57	24 12	1 21	19 11	2 27	17 28	0 54	25 2	0 56	0 45	5 46	19 56	19 41	26 7			n.a.
T 15	23 58	10 16	4 57	25 39	1 38	17 1	7 5	28 49	4 58	24 10	1 21	19 9	2 27	17 29	0 54	25 2	0 56	0 45	5 46	19 56	19 40	26 8			n.a.
W16	24 1	4 29	4 26	25 38	1 34	16 52	7 14	28 52	5 0	24 8	1 21	19 7	2 27	17 29	0 54	25 2	0 56	0 44	5 46	19 56	19 39	26 9			n.a.
T 17	24 3	1s19	3 42	25 35	1 28	16 44	7 23	28 55	5 1	24 6	1 21	19 5	2 26	17 30	0 54	25 2	0 56	0 44	5 46	19 56	19 38	26 10			n.a.
F 18	24 4	6 56	2 50	25 29	1 22	16 37	7 30	28 57	5 3	24 4	1 21	19 3	2 26	17 30	0 54	25 2	0 56	0 44	5 46	19 56	19 38	26 12			n.a.
S 19	24 6	12 12	1 50	25 20	1 15	16 30	7 37	29 0	5 4	24 2	1 21	19 1	2 26	17 30	0 54	25 2	0 56	0 44	5 46	19 57	19 37	26 13			n.a.
S 20	24 6	16 57	0 47	25 9	1 8	16 24	7 43	29 2	5 5	24 0	1 21	18 59	2 26	17 31	0 54	25 2	0 56	0 43	5 46	19 57	19 36	26 14			n.a.
M21	24 7	21 0	0s18	24 55	1 0	16 19	7 48	29 4	5 6	23 58	1 21	18 56	2 26	17 31	0 54	25 2	0 56	0 43	5 46	19 57	19 35	26 15			n.a.
T 22	24 7	24 10	1 22	24 38	0 51	16 14	7 52	29 6	5 7	23 56	1 21	18 54	2 26	17 32	0 54	25 2	0 56	0 43	5 46	19 57	19 34	26 16			n.a.
W23	24 6	26 18	2 21	24 20	0 42	16 10	7 55	29 7	5 7	23 54	1 21	18 52	2 25	17 32	0 54	25 2	0 56	0 43	5 46	19 56	19 34	26 18			n.a.
T 24	24 5	27 15	3 15	23 58	0 32	16 7	7 57	29 9	5 8	23 52	1 21	18 50	2 25	17 33	0 54	25 1	0 56	0 43	5 46	19 55	19 33	26 19			n.a.
F 25	24 3	26 57	4 1	23 35	0 21	16 4	7 59	29 10	5 8	23 49	1 21	18 48	2 25	17 33	0 54	25 1	0 56	0 42	5 46	19 54	19 32	26 20			n.a.
S 26	24 1	25 23	4 36	23 10	0 10	16 3	7 59	29 12	5 9	23 47	1 21	18 46	2 25	17 34	0 54	25 1	0 56	0 42	5 47	19 52	19 31	26 21			n.a.
S 27	23 59	22 39	4 59	22 43	0n 2	16 2	7 59	29 12	5 9	23 45	1 21	18 43	2 25	17 35	0 54	25 1	0 56	0 42	5 47	19 50	19 30	26 22			n.a.
M28	23 56	18 54	5 9	22 14	0 13	16 2	7 58	29 13	5 9	23 43	1 20	18 41	2 25	17 35	0 54	25 1	0 56	0 42	5 47	19 49	19 30	26 23			n.a.
T 29	23 53	14 16	5 5	21 44	0 26	16 2	7 56	29 14	5 9	23 40	1 20	18 39	2 25	17 36	0 55	25 1	0 56	0 42	5 47	19 47	19 29	26 25			n.a.
W30	23 49	8 58	4 46	21 14	0 38	16 3	7 53	29 14	5 9	23 38	1 20	18 37	2 24	17 36	0 55	25 1	0 56	0 42	5 47	19 46	19 28	26 26			n.a.
T 31	23s45	3s10	4s12	20s42	0n51	16s 6	7n50	29n14	5n 9	23s36	1s20	18s34	2s24	17n37	0n55	25n 1	0n56	0n42	5n47	19n46	19n27	26s27			n.a.

Julian Day Number = 202713.5, Delta T = 32h07m12s
Ecliptic obliquity = 24°06'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'53, Lahiri = -61°04'53 Julian Calendar 1 Jan. 4158 BCE == Greg. Calendar 29 Nov. 4159 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

FEBRUARY 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 34 12	10♉39'34	14♈53	27♉41	22°R18	1°R53	22♉ 9	16♒46	15°R 7	27°R30	11♎20	25°D51	24♉33	23♐40	n.a.	F 1
S 2	6 38 9	11°38'15	28°32	29°14	21♐57	1♋31	22°23	16°53	15♌ 5	27♊29	11°21	25♉52	24°30	23°47	n.a.	S 2
S 3	6 42 5	12°36'54	12♉35	0♒44	21°38	1° 9	22°37	17° 1	15° 3	27°27	11°21	25°53	24°27	23°53	n.a.	S 3
M 4	6 46 2	13°35'30	27° 2	2° 8	21°22	0°47	22°51	17° 8	15° 1	27°25	11°22	25°R54	24°24	24° 0	n.a.	M 4
T 5	6 49 58	14°34'04	11♊50	3°27	21° 9	0°26	23° 6	17°15	14°59	27°24	11°22	25°53	24°21	24° 7	n.a.	T 5
W 6	6 53 55	15°32'36	26°54	4°41	20°58	0° 5	23°20	17°22	14°57	27°22	11°22	25°49	24°17	24°13	n.a.	W 6
T 7	6 57 51	16°31'05	12♋ 5	5°49	20°49	29♊44	23°34	17°29	14°55	27°21	11°22	25°44	24°14	24°20	n.a.	T 7
F 8	7 1 48	17°29'33	27°14	6°51	20°43	29°24	23°48	17°37	14°53	27°19	11°23	25°37	24°11	24°27	n.a.	F 8
S 9	7 5 44	18°27'58	12♌10	7°48	20°39	29° 4	24° 2	17°44	14°51	27°18	11°23	25°29	24° 8	24°33	n.a.	S 9
S 10	7 9 41	19°26'21	26°46	8°38	20°D38	28°45	24°16	17°51	14°49	27°16	11°23	25°21	24° 5	24°40	n.a.	S 10
M11	7 13 37	20°24'42	10♍54	9°23	20°39	28°26	24°31	17°59	14°46	27°15	11°23	25°14	24° 2	24°47	n.a.	M11
T 12	7 17 34	21°23'01	24°33	10° 1	20°42	28° 8	24°45	18° 6	14°44	27°13	11°23	25° 9	23°58	24°53	n.a.	T 12
W13	7 21 30	22°21'19	7♎44	10°34	20°48	27°51	24°59	18°14	14°42	27°12	11°23	25° 6	23°55	25° 0	n.a.	W13
T 14	7 25 27	23°19'35	20°28	10°59	20°56	27°34	25°13	18°21	14°40	27°10	11°R23	25°D 4	23°52	25° 7	n.a.	T 14
F 15	7 29 24	24°17'49	2♏51	11°19	21° 6	27°18	25°27	18°29	14°37	27° 9	11°23	25° 5	23°49	25°13	n.a.	F 15
S 16	7 33 20	25°16'01	14°57	11°33	21°18	27° 2	25°42	18°36	14°35	27° 7	11°23	25° 6	23°46	25°20	n.a.	S 16
S 17	7 37 17	26°14'11	26°52	11°40	21°32	26°47	25°56	18°44	14°33	27° 6	11°23	25°R 6	23°42	25°27	n.a.	S 17
M18	7 41 13	27°12'20	8♐40	11°R42	21°49	26°33	26°10	18°51	14°30	27° 5	11°23	25° 5	23°39	25°33	n.a.	M18
T 19	7 45 10	28°10'27	20°27	11°38	22° 7	26°20	26°24	18°59	14°28	27° 3	11°23	25° 2	23°36	25°40	n.a.	T 19
W20	7 49 6	29° 8'33	2♑15	11°28	22°27	26° 7	26°38	19° 7	14°26	27° 2	11°23	24°56	23°33	25°47	n.a.	W20
T 21	7 53 3	0♒ 6'36	14° 8	11°13	22°49	25°55	26°53	19°15	14°23	27° 1	11°22	24°48	23°30	25°53	n.a.	T 21
F 22	7 56 59	1° 4'38	26° 9	10°53	23°12	25°44	27° 7	19°22	14°21	26°59	11°22	24°37	23°27	26° 0	n.a.	F 22
S 23	8 0 56	2° 2'37	8♒17	10°29	23°38	25°34	27°21	19°30	14°18	26°58	11°22	24°25	23°23	26° 7	n.a.	S 23
S 24	8 4 52	3° 0'35	20°35	10° 1	24° 5	25°24	27°35	19°38	14°16	26°57	11°22	24°13	23°20	26°13	n.a.	S 24
M25	8 8 49	3°58'31	3♓ 4	9°30	24°33	25°16	27°49	19°46	14°13	26°55	11°21	24° 1	23°17	26°20	n.a.	M25
T 26	8 12 45	4°56'25	15°43	8°55	25° 3	25° 8	28° 3	19°53	14°11	26°54	11°21	23°51	23°14	26°27	n.a.	T 26
W27	8 16 42	5°54'17	28°34	8°19	25°34	25° 1	28°17	20° 1	14° 8	26°53	11°20	23°44	23°11	26°33	n.a.	W27
T 28	8 20 38	6♒52'07	11♈38	7♒41	26♐ 7	24♊55	28♉32	20♒ 9	14♌ 6	26♊52	11♎20	23♉39	23♉ 8	26♐40	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s40	2n55	3s23	20s10	1n 4	16s 8	7n45	29n14	5n 8	23s33	1s20	18s32	2s24	17n37	0n55	25n 1	0n56	0n41	5n47	19n46	19n27	26s28		n.a.
S 2	23 35	9 3	2 22	19 38	1 17	16 12	7 41	29 14	5 8	23 31	1 20	18 30	2 24	17 38	0 55	25 1	0 56	0 41	5 47	19 46	19 26	26 29		n.a.
S 3	23 30	14 55	1 11	19 7	1 29	16 16	7 35	29 14	5 7	23 29	1 20	18 27	2 24	17 39	0 55	25 1	0 56	0 41	5 47	19 46	19 25	26 30		n.a.
M 4	23 24	20 9	0n 6	18 35	1 42	16 21	7 30	29 13	5 6	23 26	1 20	18 25	2 24	17 39	0 55	25 1	0 56	0 41	5 47	19 46	19 24	26 31		n.a.
T 5	23 17	24 15	1 25	18 5	1 54	16 26	7 23	29 12	5 5	23 24	1 20	18 22	2 24	17 40	0 55	25 1	0 56	0 41	5 47	19 46	19 23	26 32		n.a.
W 6	23 11	26 44	2 39	17 35	2 6	16 32	7 17	29 11	5 4	23 21	1 20	18 20	2 23	17 41	0 55	25 1	0 56	0 41	5 48	19 45	19 23	26 33		n.a.
T 7	23 3	27 14	3 42	17 7	2 18	16 39	7 9	29 10	5 3	23 19	1 20	18 18	2 23	17 41	0 55	25 1	0 56	0 41	5 48	19 44	19 22	26 34		n.a.
F 8	22 56	25 42	4 30	16 41	2 29	16 46	7 2	29 9	5 2	23 16	1 20	18 15	2 23	17 42	0 55	25 1	0 56	0 41	5 48	19 42	19 21	26 35		n.a.
S 9	22 48	22 23	4 58	16 16	2 40	16 54	6 54	29 7	5 1	23 14	1 20	18 13	2 23	17 43	0 55	25 1	0 56	0 41	5 48	19 40	19 20	26 36		n.a.
S 10	22 39	17 43	5 6	15 53	2 50	17 2	6 46	29 6	4 59	23 11	1 20	18 10	2 23	17 43	0 55	25 1	0 56	0 41	5 48	19 38	19 19	26 38		n.a.
M11	22 31	12 12	4 55	15 32	2 59	17 10	6 37	29 4	4 58	23 8	1 20	18 8	2 23	17 44	0 55	25 1	0 56	0 41	5 48	19 37	19 18	26 39		n.a.
T 12	22 22	6 17	4 27	15 14	3 8	17 19	6 29	29 2	4 56	23 6	1 20	18 5	2 23	17 45	0 55	25 1	0 56	0 41	5 48	19 35	19 18	26 40		n.a.
W13	22 12	0 18	3 46	14 58	3 15	17 28	6 20	29 0	4 54	23 3	1 20	18 3	2 23	17 45	0 55	25 1	0 56	0 41	5 48	19 35	19 17	26 41		n.a.
T 14	22 2	5s32	2 55	14 44	3 22	17 37	6 11	28 58	4 52	23 1	1 20	18 0	2 23	17 46	0 55	25 1	0 56	0 41	5 48	19 34	19 16	26 42		n.a.
F 15	21 52	10 59	1 56	14 33	3 27	17 47	6 2	28 56	4 50	22 58	1 20	17 58	2 23	17 47	0 55	25 1	0 56	0 41	5 48	19 34	19 15	26 43		n.a.
S 16	21 41	15 55	0 54	14 25	3 31	17 57	5 53	28 53	4 48	22 55	1 20	17 55	2 22	17 47	0 55	25 1	0 56	0 42	5 48	19 35	19 14	26 44		n.a.
S 17	21 30	20 10	0s 9	14 20	3 35	18 7	5 44	28 51	4 46	22 52	1 21	17 53	2 22	17 48	0 55	25 1	0 56	0 42	5 48	19 35	19 14	26 45		n.a.
M18	21 18	23 33	1 12	14 18	3 37	18 18	5 34	28 48	4 44	22 50	1 21	17 50	2 22	17 49	0 55	25 1	0 56	0 42	5 49	19 34	19 13	26 46		n.a.
T 19	21 6	25 56	2 11	14 19	3 37	18 28	5 25	28 46	4 42	22 47	1 21	17 48	2 22	17 50	0 55	25 1	0 56	0 42	5 49	19 34	19 12	26 47		n.a.
W20	20 54	27 10	3 4	14 22	3 36	18 39	5 16	28 43	4 40	22 44	1 21	17 45	2 22	17 50	0 55	25 1	0 56	0 42	5 49	19 32	19 11	26 48		n.a.
T 21	20 42	27 9	3 50	14 28	3 34	18 49	5 6	28 40	4 37	22 41	1 21	17 43	2 22	17 51	0 55	25 1	0 56	0 42	5 49	19 30	19 10	26 49		n.a.
F 22	20 29	25 52	4 26	14 37	3 31	19 0	4 57	28 37	4 35	22 39	1 21	17 40	2 22	17 52	0 55	25 1	0 56	0 42	5 49	19 27	19 10	26 50		n.a.
S 23	20 16	23 22	4 50	14 49	3 26	19 10	4 47	28 35	4 32	22 36	1 21	17 38	2 22	17 53	0 55	25 1	0 56	0 43	5 49	19 24	19 9	26 51		n.a.
S 24	20 2	19 46	5 1	15 3	3 19	19 21	4 38	28 32	4 30	22 33	1 21	17 35	2 22	17 53	0 55	25 1	0 56	0 43	5 49	19 21	19 8	26 51		n.a.
M25	19 48	15 17	4 58	15 19	3 11	19 32	4 29	28 29	4 27	22 30	1 21	17 32	2 22	17 54	0 55	25 1	0 56	0 43	5 49	19 18	19 7	26 52		n.a.
T 26	19 34	10 4	4 40	15 37	3 2	19 42	4 19	28 26	4 25	22 27	1 21	17 30	2 22	17 55	0 55	25 1	0 56	0 43	5 49	19 16	19 6	26 53		n.a.
W27	19 19	4 22	4 8	15 57	2 51	19 52	4 10	28 23	4 22	22 24	1 21	17 27	2 22	17 56	0 55	25 1	0 56	0 43	5 49	19 14	19 5	26 54		n.a.
T 28	19s 5	1n38	3s23	16s18	2n40	20s 2	4n 1	28n20	4n20	22s21	1s21	17s25	2s22	17n56	0n55	25n 0	0n56	0n44	5n49	19n13	19n 5	26s55		n.a.

Julian Day Number = 202744.5, Delta T = 32h07m09s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'49, Lahiri = -61°04'49 Julian Calendar 1 Feb. 4158 BCE == Greg. Calendar 30 Dec. 4159 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

MARCH 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 24 35	7♒49'55	24♈57	7°R 2	26♐41	24°R49	28♑46	20♒17	14°R 3	26°R51	11°R20	23°R36	23♉ 4	26♐47	n.a.	F 1
S 2	8 28 32	8°47'41	8♉33	6♒23	27°16	24♊45	29° 0	20°25	14♌ 1	26♊49	11♎19	23°D36	23° 1	26°53	n.a.	S 2
S 3	8 32 28	9°45'25	22°26	5°45	27°52	24°41	29°14	20°33	13°58	26°48	11°19	23°R36	22°58	27° 0	n.a.	S 3
M 4	8 36 25	10°43'07	6♊38	5° 7	28°30	24°38	29°28	20°41	13°56	26°47	11°18	23♉36	22°55	27° 7	n.a.	M 4
T 5	8 40 21	11°40'47	21° 8	4°32	29° 9	24°36	29°42	20°49	13°53	26°46	11°18	23°33	22°52	27°14	n.a.	T 5
W 6	8 44 18	12°38'26	5♋53	3°59	29°49	24°35	29°56	20°57	13°51	26°45	11°17	23°29	22°48	27°20	n.a.	W 6
T 7	8 48 14	13°36'02	20°46	3°29	0♑30	24°D34	0♒10	21° 5	13°48	26°44	11°16	23°22	22°45	27°27	n.a.	T 7
F 8	8 52 11	14°33'37	5♌40	3° 3	1°11	24°34	0°24	21°13	13°46	26°43	11°16	23°12	22°42	27°34	n.a.	F 8
S 9	8 56 7	15°31'10	20°26	2°40	1°54	24°35	0°38	21°21	13°43	26°42	11°15	23° 1	22°39	27°40	n.a.	S 9
S 10	9 0 4	16°28'42	4♍56	2°21	2°38	24°37	0°52	21°29	13°41	26°41	11°14	22°50	22°36	27°47	n.a.	S 10
M11	9 4 0	17°26'12	19° 3	2° 6	3°23	24°40	1° 6	21°37	13°38	26°40	11°14	22°40	22°33	27°54	n.a.	M11
T 12	9 7 57	18°23'41	2♎43	1°56	4° 8	24°43	1°19	21°45	13°36	26°39	11°13	22°32	22°29	28° 0	n.a.	T 12
W13	9 11 54	19°21'09	15°56	1°50	4°55	24°47	1°33	21°53	13°33	26°38	11°12	22°26	22°26	28° 7	n.a.	W13
T 14	9 15 50	20°18'36	28°44	1°D49	5°42	24°52	1°47	22° 1	13°31	26°38	11°11	22°23	22°23	28°14	n.a.	T 14
F 15	9 19 47	21°16'01	11♏ 9	1°53	6°30	24°57	2° 1	22° 9	13°28	26°37	11°10	22°22	22°20	28°20	n.a.	F 15
S 16	9 23 43	22°13'26	23°17	2° 1	7°19	25° 3	2°15	22°17	13°26	26°36	11°10	22°22	22°17	28°27	n.a.	S 16
S 17	9 27 40	23°10'49	5♐13	2°14	8° 8	25°10	2°28	22°25	13°23	26°35	11° 9	22°22	22°13	28°34	n.a.	S 17
M18	9 31 36	24° 8'12	17° 3	2°31	8°58	25°18	2°42	22°33	13°21	26°35	11° 8	22°20	22°10	28°40	n.a.	M18
T 19	9 35 33	25° 5'33	28°51	2°53	9°49	25°26	2°56	22°41	13°18	26°34	11° 7	22°17	22° 7	28°47	n.a.	T 19
W20	9 39 29	26° 2'54	10♑42	3°19	10°40	25°35	3° 9	22°49	13°16	26°33	11° 6	22°11	22° 4	28°54	n.a.	W20
T 21	9 43 26	27° 0'13	22°41	3°49	11°32	25°45	3°23	22°57	13°13	26°33	11° 5	22° 2	22° 1	29° 0	n.a.	T 21
F 22	9 47 22	27°57'32	4♒49	4°24	12°25	25°55	3°36	23° 5	13°11	26°32	11° 4	21°51	21°58	29° 7	n.a.	F 22
S 23	9 51 19	28°54'49	17° 9	5° 2	13°18	26° 6	3°50	23°13	13° 9	26°31	11° 3	21°39	21°54	29°14	n.a.	S 23
S 24	9 55 16	29°52'06	29°42	5°44	14°12	26°18	4° 3	23°21	13° 6	26°31	11° 2	21°25	21°51	29°20	n.a.	S 24
M25	9 59 12	0♓49'21	12♓28	6°30	15° 6	26°30	4°17	23°29	13° 4	26°30	11° 1	21°13	21°48	29°27	n.a.	M25
T 26	10 3 9	1°46'35	25°26	7°20	16° 1	26°42	4°30	23°37	13° 1	26°30	11° 0	21° 2	21°45	29°34	n.a.	T 26
W27	10 7 5	2°43'48	8♈35	8°13	16°56	26°56	4°43	23°44	12°59	26°29	10°59	20°54	21°42	29°40	n.a.	W27
T 28	10 11 2	3°41'00	21°56	9° 9	17°51	27°10	4°57	23°52	12°57	26°29	10°57	20°49	21°39	29°47	n.a.	T 28
F 29	10 14 58	4°38'11	5♉28	10° 9	18°47	27°24	5°10	24° 0	12°54	26°28	10°56	20°46	21°35	29°54	n.a.	F 29
S 30	10 18 55	5°35'21	19°10	11°12	19°44	27°40	5°23	24° 8	12°52	26°28	10°55	20°D46	21°32	0♑ 0	n.a.	S 30
S 31	10 22 51	6♓32'29	3♊ 4	12♒19	20♑41	27♊55	5♒36	24♒16	12♌50	26♊28	10♎54	20°R46	21♉29	0♑ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
F 1	18s49	7n40	2s26	16s40	2n27	20s12	3n52	28n17	4n17	22s18	1s21	17s22	2s22	17n57	0n55	25n 0	0n56	0n44	5n49	19n12	19n 4	26s56			n.a.
S 2	18 34	13 30	1 19	17 4	2 13	20 22	3 43	28 14	4 14	22 16	1 21	17 19	2 22	17 58	0 55	25 0	0 56	0 44	5 49	19 12	19 3	26 57			n.a.
S 3	18 18	18 48	0 6	17 27	1 59	20 32	3 34	28 12	4 11	22 13	1 21	17 17	2 22	17 59	0 55	25 0	0 56	0 44	5 49	19 12	19 2	26 58			n.a.
M 4	18 2	23 9	1n 9	17 51	1 43	20 41	3 25	28 9	4 9	22 10	1 21	17 14	2 22	17 59	0 55	25 0	0 56	0 45	5 50	19 12	19 1	26 59			n.a.
T 5	17 46	26 8	2 20	18 15	1 28	20 50	3 16	28 6	4 6	22 7	1 21	17 11	2 22	18 0	0 55	25 0	0 56	0 45	5 50	19 11	19 0	27 0			n.a.
W 6	17 29	27 22	3 24	18 38	1 12	20 59	3 8	28 3	4 3	22 4	1 21	17 9	2 22	18 1	0 55	25 0	0 56	0 45	5 50	19 10	19 0	27 1			n.a.
T 7	17 12	26 38	4 14	19 1	0 56	21 8	2 59	28 0	4 0	22 1	1 21	17 6	2 21	18 2	0 55	25 0	0 56	0 46	5 50	19 8	18 59	27 1			n.a.
F 8	16 55	24 0	4 47	19 23	0 40	21 16	2 51	27 58	3 58	21 58	1 21	17 3	2 21	18 2	0 55	25 0	0 56	0 46	5 50	19 6	18 58	27 2			n.a.
S 9	16 38	19 49	5 0	19 44	0 23	21 24	2 42	27 55	3 55	21 54	1 22	17 1	2 21	18 3	0 55	25 0	0 56	0 46	5 50	19 3	18 57	27 3			n.a.
S 10	16 20	14 30	4 54	20 4	0 8	21 31	2 34	27 52	3 52	21 51	1 22	16 58	2 21	18 4	0 55	25 0	0 56	0 46	5 50	19 0	18 56	27 4			n.a.
M11	16 2	8 34	4 30	20 23	0s 8	21 38	2 26	27 49	3 49	21 48	1 22	16 55	2 21	18 5	0 55	25 0	0 56	0 47	5 50	18 57	18 56	27 5			n.a.
T 12	15 44	2 24	3 50	20 40	0 23	21 45	2 18	27 47	3 47	21 45	1 22	16 53	2 21	18 5	0 55	25 0	0 56	0 47	5 50	18 55	18 55	27 6			n.a.
W13	15 26	3s41	3 0	20 55	0 37	21 51	2 10	27 44	3 44	21 42	1 22	16 50	2 21	18 6	0 55	25 0	0 56	0 48	5 50	18 54	18 54	27 6			n.a.
T 14	15 7	9 26	2 2	21 9	0 51	21 57	2 2	27 42	3 41	21 39	1 22	16 47	2 21	18 7	0 55	25 0	0 56	0 48	5 50	18 53	18 53	27 7			n.a.
F 15	14 49	14 40	0 59	21 21	1 4	22 3	1 54	27 39	3 38	21 36	1 22	16 45	2 21	18 8	0 55	25 0	0 56	0 48	5 50	18 53	18 52	27 8			n.a.
S 16	14 30	19 12	0s 5	21 31	1 17	22 8	1 47	27 36	3 35	21 33	1 22	16 42	2 21	18 8	0 55	25 0	0 56	0 49	5 50	18 53	18 51	27 9			n.a.
S 17	14 10	22 53	1 8	21 39	1 29	22 12	1 39	27 34	3 33	21 30	1 22	16 39	2 21	18 9	0 55	25 0	0 56	0 49	5 50	18 53	18 50	27 10			n.a.
M18	13 51	25 34	2 7	21 46	1 40	22 16	1 32	27 31	3 30	21 27	1 22	16 36	2 21	18 10	0 55	25 0	0 56	0 49	5 50	18 52	18 50	27 10			n.a.
T 19	13 31	27 7	3 0	21 51	1 50	22 20	1 25	27 29	3 27	21 23	1 22	16 34	2 21	18 10	0 55	25 0	0 56	0 50	5 50	18 51	18 49	27 11			n.a.
W20	13 11	27 25	3 46	21 54	1 59	22 23	1 18	27 27	3 24	21 20	1 23	16 31	2 21	18 11	0 55	25 0	0 56	0 50	5 50	18 50	18 48	27 12			n.a.
T 21	12 51	26 27	4 22	21 55	2 8	22 26	1 11	27 24	3 22	21 17	1 23	16 28	2 22	18 12	0 55	25 0	0 56	0 51	5 50	18 47	18 47	27 13			n.a.
F 22	12 31	24 14	4 47	21 54	2 16	22 28	1 4	27 22	3 19	21 14	1 23	16 26	2 22	18 13	0 55	25 0	0 56	0 51	5 50	18 45	18 46	27 14			n.a.
S 23	12 11	20 52	4 59	21 51	2 23	22 29	0 57	27 20	3 16	21 11	1 23	16 23	2 22	18 13	0 55	25 0	0 56	0 51	5 50	18 41	18 45	27 14			n.a.
S 24	11 50	16 30	4 57	21 46	2 29	22 30	0 50	27 17	3 14	21 8	1 23	16 20	2 22	18 14	0 55	25 0	0 56	0 52	5 50	18 38	18 45	27 15			n.a.
M25	11 29	11 22	4 40	21 39	2 34	22 30	0 44	27 15	3 11	21 4	1 23	16 18	2 22	18 15	0 55	25 0	0 56	0 52	5 50	18 34	18 44	27 16			n.a.
T 26	11 8	5 39	4 8	21 30	2 38	22 30	0 37	27 13	3 8	21 1	1 23	16 15	2 22	18 15	0 55	25 0	0 56	0 53	5 50	18 31	18 43	27 16			n.a.
W27	10 47	0n24	3 23	21 20	2 42	22 30	0 31	27 10	3 6	20 58	1 23	16 12	2 22	18 16	0 55	25 0	0 56	0 53	5 50	18 29	18 42	27 17			n.a.
T 28	10 26	6 32	2 26	21 7	2 45	22 28	0 25	27 8	3 3	20 55	1 23	16 10	2 22	18 17	0 55	25 0	0 56	0 54	5 51	18 28	18 41	27 18			n.a.
F 29	10 5	12 27	1 20	20 53	2 47	22 27	0 19	27 6	3 0	20 52	1 24	16 7	2 22	18 17	0 55	25 0	0 56	0 54	5 51	18 27	18 40	27 19			n.a.
S 30	9 43	17 52	0 8	20 36	2 49	22 24	0 13	27 3	2 58	20 49	1 24	16 4	2 22	18 18	0 55	25 0	0 56	0 55	5 51	18 27	18 39	27 19			n.a.
S 31	9s22	22n25	1n 5	20s17	2s50	22s21	0n 7	27n 1	2n55	20s45	1s24	16s 2	2s22	18n19	0n55	24n59	0n56	0n55	5n51	18n27	18n39	27s20			n.a.

Julian Day Number = 202772.5, Delta T = 32h07m06s
Ecliptic obliquity = 24°06'55, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'46, Lahiri = -61°04'45 Julian Calendar 1 March 4158 BCE == Greg. Calendar 27 Jan. 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

APRIL 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 26 48	7♓29'37	17♊ 9	13♒28	21♑38	28♊11	5♒49	24♒24	12°R48	26°R27	10°R53	20°R45	21♉26	0♑14	n.a.	M 1
T 2	10 30 45	8°26'43	1♋25	14°41	22°36	28°28	6° 2	24°32	12♌46	26♊27	10♎52	20♉44	21°23	0°20	n.a.	T 2
W 3	10 34 41	9°23'49	15°50	15°56	23°34	28°46	6°15	24°40	12°43	26°27	10°50	20°40	21°19	0°27	n.a.	W 3
T 4	10 38 38	10°20'53	0♌20	17°14	24°33	29° 3	6°28	24°48	12°41	26°27	10°49	20°33	21°16	0°34	n.a.	T 4
F 5	10 42 34	11°17'57	14°50	18°36	25°32	29°22	6°41	24°55	12°39	26°27	10°48	20°24	21°13	0°40	n.a.	F 5
S 6	10 46 31	12°14'59	29°13	20° 0	26°31	29°40	6°54	25° 3	12°37	26°26	10°46	20°14	21°10	0°47	n.a.	S 6
S 7	10 50 27	13°12'01	13♍24	21°27	27°30	29°59	7° 6	25°11	12°35	26°26	10°45	20° 4	21° 7	0°54	n.a.	S 7
M 8	10 54 24	14° 9'03	27°17	22°57	28°30	0♋19	7°19	25°19	12°33	26°26	10°44	19°55	21° 4	1° 0	n.a.	M 8
T 9	10 58 21	15° 6'03	10♎48	24°30	29°31	0°40	7°32	25°26	12°31	26°26	10°43	19°47	21° 0	1° 7	n.a.	T 9
W10	11 2 17	16° 3'04	23°56	26° 5	0♒31	1° 0	7°44	25°34	12°29	26°D26	10°41	19°42	20°57	1°14	n.a.	W10
T 11	11 6 14	17° 0'04	6♏41	27°43	1°32	1°21	7°57	25°42	12°27	26°26	10°40	19°40	20°54	1°21	n.a.	T 11
F 12	11 10 10	17°57'04	19° 7	29°24	2°33	1°43	8° 9	25°49	12°25	26°26	10°38	19°D39	20°51	1°27	n.a.	F 12
S 13	11 14 7	18°54'04	1♐16	1♓ 8	3°35	2° 5	8°21	25°57	12°23	26°26	10°37	19°39	20°48	1°34	n.a.	S 13
S 14	11 18 3	19°51'04	13°14	2°54	4°37	2°27	8°34	26° 5	12°21	26°26	10°36	19°40	20°45	1°41	n.a.	S 14
M15	11 22 0	20°48'03	25° 5	4°43	5°39	2°50	8°46	26°12	12°20	26°27	10°34	19°R40	20°41	1°47	n.a.	M15
T 16	11 25 56	21°45'03	6♑56	6°34	6°41	3°13	8°58	26°20	12°18	26°27	10°33	19°39	20°38	1°54	n.a.	T 16
W17	11 29 53	22°42'03	18°50	8°28	7°43	3°37	9°10	26°27	12°16	26°27	10°31	19°35	20°35	2° 1	n.a.	W17
T 18	11 33 50	23°39'02	0♒53	10°25	8°46	4° 1	9°22	26°35	12°14	26°27	10°30	19°30	20°32	2° 7	n.a.	T 18
F 19	11 37 46	24°36'02	13° 8	12°23	9°49	4°25	9°34	26°42	12°13	26°27	10°28	19°23	20°29	2°14	n.a.	F 19
S 20	11 41 43	25°33'01	25°37	14°24	10°52	4°50	9°46	26°49	12°11	26°28	10°27	19°14	20°25	2°21	n.a.	S 20
S 21	11 45 39	26°30'01	8♓23	16°27	11°56	5°15	9°58	26°57	12°10	26°28	10°25	19° 5	20°22	2°27	n.a.	S 21
M22	11 49 36	27°27'01	21°26	18°31	13° 0	5°40	10° 9	27° 4	12° 8	26°28	10°24	18°56	20°19	2°34	n.a.	M22
T 23	11 53 32	28°24'00	4♈44	20°37	14° 4	6° 6	10°21	27°11	12° 7	26°29	10°23	18°48	20°16	2°41	n.a.	T 23
W24	11 57 29	29°21'00	18°17	22°45	15° 8	6°32	10°33	27°19	12° 5	26°29	10°21	18°43	20°13	2°47	n.a.	W24
T 25	12 1 26	0♈17'59	2♉ 1	24°53	16°12	6°59	10°44	27°26	12° 4	26°30	10°19	18°39	20°10	2°54	n.a.	T 25
F 26	12 5 22	1°14'58	15°54	27° 3	17°17	7°25	10°55	27°33	12° 2	26°30	10°18	18°D38	20° 6	3° 1	n.a.	F 26
S 27	12 9 19	2°11'58	29°54	29°13	18°21	7°53	11° 7	27°40	12° 1	26°31	10°16	18°39	20° 3	3° 7	n.a.	S 27
S 28	12 13 15	3° 8'57	14♊ 0	1♈23	19°26	8°20	11°18	27°47	12° 0	26°31	10°15	18°40	20° 0	3°14	n.a.	S 28
M29	12 17 12	4° 5'56	28° 9	3°33	20°31	8°48	11°29	27°54	11°59	26°32	10°13	18°R41	19°57	3°21	n.a.	M29
T 30	12 21 9	5♈ 2'55	12♋20	5♈43	21♒37	9♋16	11♒40	28♒ 1	11♌57	26♊33	10♎12	18♉41	19♉54	3♑27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	9s 0	25n43	2n15	19s57	2s49	22s18	0n 2	26n59	2n53	20s42	1s24	15s59	2s22	18n19	0n55	24n59	0n55	0n56	5n51	18n27	18n38	27s21		n.a.
T 2	8 38	27 24	3 18	19 34	2 49	22 13	0s 4	26 57	2 50	20 39	1 24	15 56	2 22	18 20	0 55	24 59	0 55	0 56	5 51	18 26	18 37	27 21		n.a.
W 3	8 16	27 16	4 9	19 10	2 47	22 9	0 9	26 54	2 48	20 36	1 24	15 54	2 22	18 20	0 55	24 59	0 55	0 57	5 51	18 25	18 36	27 22		n.a.
T 4	7 54	25 16	4 44	18 43	2 45	22 3	0 15	26 52	2 45	20 32	1 24	15 51	2 22	18 21	0 55	24 59	0 55	0 57	5 51	18 23	18 35	27 23		n.a.
F 5	7 32	21 37	5 1	18 14	2 42	21 58	0 20	26 50	2 43	20 29	1 25	15 48	2 22	18 22	0 55	24 59	0 55	0 58	5 51	18 21	18 34	27 23		n.a.
S 6	7 9	16 42	4 59	17 44	2 39	21 51	0 25	26 47	2 40	20 26	1 25	15 46	2 22	18 22	0 55	24 59	0 55	0 58	5 51	18 18	18 33	27 24		n.a.
S 7	6 47	10 57	4 38	17 11	2 35	21 44	0 30	26 45	2 38	20 23	1 25	15 43	2 22	18 23	0 55	24 59	0 55	0 59	5 51	18 16	18 33	27 25		n.a.
M 8	6 24	4 47	4 1	16 36	2 30	21 36	0 35	26 42	2 36	20 20	1 25	15 40	2 23	18 23	0 55	24 59	0 55	0 59	5 50	18 13	18 32	27 25		n.a.
T 9	6 2	1s28	3 11	15 59	2 25	21 28	0 39	26 40	2 33	20 17	1 25	15 38	2 23	18 24	0 55	24 59	0 55	1 0	5 50	18 11	18 31	27 26		n.a.
W10	5 39	7 30	2 13	15 20	2 19	21 19	0 44	26 37	2 31	20 13	1 25	15 35	2 23	18 25	0 55	24 59	0 55	1 0	5 50	18 9	18 30	27 26		n.a.
T 11	5 16	13 3	1 9	14 40	2 12	21 10	0 48	26 35	2 28	20 10	1 25	15 33	2 23	18 25	0 55	24 59	0 55	1 1	5 50	18 9	18 29	27 27		n.a.
F 12	4 54	17 57	0 3	13 57	2 5	21 0	0 53	26 32	2 26	20 7	1 26	15 30	2 23	18 26	0 55	24 59	0 55	1 1	5 50	18 8	18 28	27 28		n.a.
S 13	4 31	22 0	1s 2	13 12	1 57	20 49	0 57	26 30	2 24	20 4	1 26	15 27	2 23	18 26	0 55	24 59	0 55	1 2	5 50	18 9	18 27	27 28		n.a.
S 14	4 8	25 3	2 3	12 25	1 49	20 38	1 1	26 27	2 22	20 1	1 26	15 25	2 23	18 27	0 55	24 59	0 55	1 2	5 50	18 9	18 27	27 29		n.a.
M15	3 45	26 59	2 58	11 36	1 40	20 26	1 5	26 24	2 19	19 58	1 26	15 22	2 23	18 27	0 54	24 59	0 55	1 3	5 50	18 9	18 26	27 29		n.a.
T 16	3 22	27 41	3 45	10 45	1 31	20 14	1 9	26 21	2 17	19 54	1 26	15 20	2 23	18 28	0 54	24 59	0 55	1 3	5 50	18 8	18 25	27 30		n.a.
W17	2 59	27 5	4 23	9 53	1 22	20 1	1 12	26 19	2 15	19 51	1 27	15 17	2 23	18 28	0 54	24 59	0 55	1 4	5 50	18 8	18 24	27 31		n.a.
T 18	2 35	25 14	4 50	8 59	1 12	19 48	1 16	26 16	2 13	19 48	1 27	15 15	2 24	18 28	0 54	24 59	0 55	1 4	5 50	18 6	18 23	27 31		n.a.
F 19	2 12	22 11	5 4	8 3	1 2	19 34	1 19	26 13	2 10	19 45	1 27	15 12	2 24	18 29	0 54	24 59	0 55	1 5	5 50	18 4	18 22	27 32		n.a.
S 20	1 49	18 5	5 4	7 6	0 52	19 19	1 23	26 10	2 8	19 42	1 27	15 10	2 24	18 29	0 54	24 59	0 55	1 6	5 50	18 2	18 21	27 32		n.a.
S 21	1 26	13 5	4 49	6 8	0 41	19 4	1 26	26 6	2 6	19 39	1 27	15 7	2 24	18 30	0 54	24 59	0 55	1 6	5 50	17 59	18 21	27 33		n.a.
M22	1 2	7 25	4 18	5 8	0 31	18 48	1 29	26 3	2 4	19 36	1 27	15 5	2 24	18 30	0 54	24 59	0 55	1 7	5 50	17 56	18 20	27 33		n.a.
T 23	0 39	1 19	3 34	4 7	0 20	18 32	1 32	26 0	2 2	19 33	1 28	15 2	2 24	18 31	0 54	24 59	0 55	1 7	5 50	17 54	18 19	27 34		n.a.
W24	0 16	4n58	2 36	3 6	0 9	18 16	1 35	25 56	2 0	19 30	1 28	15 0	2 24	18 31	0 54	24 59	0 55	1 8	5 50	17 53	18 18	27 34		n.a.
T 25	0n 7	11 8	1 28	2 4	0n 2	17 58	1 38	25 53	1 58	19 27	1 28	14 57	2 24	18 31	0 54	24 59	0 55	1 8	5 50	17 52	18 17	27 35		n.a.
F 26	0 31	16 50	0 15	1 1	0 12	17 41	1 40	25 49	1 55	19 24	1 28	14 55	2 25	18 32	0 54	24 59	0 55	1 9	5 50	17 51	18 16	27 35		n.a.
S 27	0 54	21 41	1n 0	0n 1	0 22	17 23	1 43	25 46	1 53	19 21	1 28	14 53	2 25	18 32	0 54	24 59	0 55	1 9	5 50	17 52	18 15	27 36		n.a.
S 28	1 17	25 19	2 13	1 3	0 32	17 4	1 45	25 42	1 51	19 18	1 29	14 50	2 25	18 32	0 54	24 59	0 55	1 10	5 50	17 52	18 14	27 36		n.a.
M29	1 40	27 23	3 17	2 5	0 42	16 45	1 47	25 38	1 49	19 15	1 29	14 48	2 25	18 33	0 54	24 59	0 55	1 10	5 49	17 52	18 13	27 37		n.a.
T 30	2n 4	27n40	4n10	3n 7	0n51	16s25	1s50	25n34	1n47	19s12	1s29	14s46	2s25	18n33	0n54	24n59	0n55	1n11	5n49	17n52	18n13	27s37		n.a.

Julian Day Number = 202803.5, Delta T = 32h07m03s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'41, Lahiri = -61°04'41 Julian Calendar 1 Apr. 4158 BCE == Greg. Calendar 27 Feb. 4158 BCE

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

MAY 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 25 5	5♈59'54	26♋32	7♈53	22♒42	9♋45	11♒51	28♒ 8	11°R56	26♊33	10°R10	18°R39	19♉50	3♑34	n.a.	W 1
T 2	12 29 2	6°56'53	10♌42	10° 1	23°48	10°13	12° 2	28°15	11♌55	26°34	10♎ 9	18♉35	19°47	3°41	n.a.	T 2
F 3	12 32 58	7°53'52	24°46	12° 9	24°53	10°42	12°12	28°22	11°54	26°35	10° 7	18°30	19°44	3°48	n.a.	F 3
S 4	12 36 55	8°50'51	8♍43	14°16	25°59	11°12	12°23	28°29	11°53	26°35	10° 6	18°25	19°41	3°54	n.a.	S 4
S 5	12 40 51	9°47'50	22°28	16°21	27° 6	11°41	12°34	28°35	11°52	26°36	10° 4	18°18	19°38	4° 1	n.a.	S 5
M 6	12 44 48	10°44'49	5♎57	18°25	28°12	12°11	12°44	28°42	11°51	26°37	10° 3	18°13	19°35	4° 8	n.a.	M 6
T 7	12 48 45	11°41'49	19°10	20°27	29°18	12°41	12°54	28°49	11°50	26°38	10° 1	18° 9	19°31	4°14	n.a.	T 7
W 8	12 52 41	12°38'49	2♏ 5	22°28	0♓25	13°12	13° 5	28°55	11°50	26°39	10° 0	18° 6	19°28	4°21	n.a.	W 8
T 9	12 56 38	13°35'50	14°42	24°27	1°32	13°42	13°15	29° 2	11°49	26°40	9°58	18°D 5	19°25	4°28	n.a.	T 9
F 10	13 0 34	14°32'52	27° 3	26°25	2°39	14°13	13°25	29° 8	11°48	26°40	9°57	18° 5	19°22	4°34	n.a.	F 10
S 11	13 4 31	15°29'55	9♐10	28°20	3°46	14°44	13°35	29°15	11°47	26°41	9°55	18° 6	19°19	4°41	n.a.	S 11
S 12	13 8 27	16°26'58	21° 8	0♑14	4°53	15°16	13°44	29°21	11°47	26°42	9°53	18° 8	19°16	4°48	n.a.	S 12
M13	13 12 24	17°24'03	3♑ 0	2° 6	6° 0	15°48	13°54	29°27	11°46	26°43	9°52	18° 9	19°12	4°54	n.a.	M13
T 14	13 16 21	18°21'08	14°51	3°56	7° 8	16°19	14° 4	29°33	11°46	26°44	9°50	18°R10	19° 9	5° 1	n.a.	T 14
W15	13 20 17	19°18'14	26°47	5°45	8°15	16°52	14°13	29°40	11°45	26°46	9°49	18°10	19° 6	5° 8	n.a.	W15
T 16	13 24 14	20°15'22	8♒51	7°31	9°23	17°24	14°23	29°46	11°45	26°47	9°47	18° 9	19° 3	5°14	n.a.	T 16
F 17	13 28 10	21°12'30	21° 9	9°16	10°31	17°57	14°32	29°52	11°44	26°48	9°46	18° 6	19° 0	5°21	n.a.	F 17
S 18	13 32 7	22° 9'39	3♓43	10°59	11°39	18°29	14°41	29°58	11°44	26°49	9°44	18° 3	18°56	5°28	n.a.	S 18
S 19	13 36 3	23° 6'50	16°37	12°40	12°47	19° 3	14°50	0♓ 4	11°44	26°50	9°43	17°59	18°53	5°34	n.a.	S 19
M20	13 40 0	24° 4'01	29°51	14°19	13°56	19°36	14°59	0° 9	11°44	26°51	9°41	17°55	18°50	5°41	n.a.	M20
T 21	13 43 57	25° 1'14	13♈26	15°57	15° 4	20° 9	15° 8	0°15	11°43	26°53	9°40	17°52	18°47	5°48	n.a.	T 21
W22	13 47 53	25°58'27	27°20	17°33	16°12	20°43	15°16	0°21	11°43	26°54	9°38	17°50	18°44	5°55	n.a.	W22
T 23	13 51 50	26°55'42	11♉28	19° 6	17°21	21°17	15°25	0°26	11°43	26°55	9°37	17°D49	18°41	6° 1	n.a.	T 23
F 24	13 55 46	27°52'57	25°48	20°38	18°30	21°51	15°33	0°32	11°D43	26°56	9°36	17°49	18°37	6° 8	n.a.	F 24
S 25	13 59 43	28°50'14	10♊13	22° 9	19°39	22°26	15°41	0°38	11°43	26°58	9°34	17°50	18°34	6°15	n.a.	S 25
S 26	14 3 40	29°47'32	24°40	23°37	20°48	23° 0	15°49	0°43	11°43	26°59	9°33	17°51	18°31	6°21	n.a.	S 26
M27	14 7 36	0♉44'50	9♋ 4	25° 3	21°57	23°35	15°57	0°48	11°44	27° 1	9°31	17°52	18°28	6°28	n.a.	M27
T 28	14 11 33	1°42'09	23°21	26°28	23° 6	24°10	16° 5	0°54	11°44	27° 2	9°30	17°53	18°25	6°35	n.a.	T 28
W29	14 15 29	2°39'29	7♌30	27°50	24°15	24°45	16°13	0°59	11°44	27° 3	9°29	17°R53	18°22	6°41	n.a.	W29
T 30	14 19 26	3°36'50	21°27	29°11	25°25	25°21	16°20	1° 4	11°44	27° 5	9°27	17°53	18°18	6°48	n.a.	T 30
F 31	14 23 22	4♉34'12	5♍13	0♊29	26♓34	25♋56	16♒28	1♓ 9	11♌45	27♊ 6	9♎26	17♉51	18♉15	6♑55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	2n27	26n 7	4n47	4n 7	1n 0	16s 5	1s52	25n30	1n45	19s 9	1s29	14s43	2s25	18n33	0n54	24n59	0n55	1n11	5n49	17n52	18n12	27s38			n.a.
T 2	2 50	22 57	5 6	5 7	1 8	15 45	1 53	25 26	1 43	19 6	1 29	14 41	2 26	18 34	0 54	24 59	0 55	1 12	5 49	17 51	18 11	27 38			n.a.
F 3	3 13	18 26	5 7	6 6	1 16	15 24	1 55	25 21	1 41	19 3	1 30	14 39	2 26	18 34	0 54	24 59	0 55	1 13	5 49	17 49	18 10	27 38			n.a.
S 4	3 36	12 59	4 50	7 3	1 23	15 2	1 57	25 17	1 39	19 0	1 30	14 36	2 26	18 34	0 54	24 59	0 55	1 13	5 49	17 48	18 9	27 39			n.a.
S 5	3 59	6 59	4 17	7 59	1 30	14 40	1 59	25 12	1 37	18 57	1 30	14 34	2 26	18 34	0 54	24 59	0 55	1 14	5 49	17 46	18 8	27 39			n.a.
M 6	4 22	0 45	3 29	8 53	1 36	14 18	2 0	25 7	1 36	18 54	1 30	14 32	2 26	18 35	0 54	24 59	0 55	1 14	5 49	17 44	18 7	27 40			n.a.
T 7	4 45	5s24	2 31	9 46	1 41	13 56	2 1	25 3	1 34	18 51	1 31	14 30	2 26	18 35	0 54	24 59	0 55	1 15	5 49	17 43	18 6	27 40			n.a.
W 8	5 8	11 12	1 26	10 37	1 46	13 33	2 3	24 58	1 32	18 49	1 31	14 27	2 27	18 35	0 54	24 59	0 55	1 15	5 49	17 42	18 6	27 41			n.a.
T 9	5 31	16 25	0 18	11 26	1 50	13 9	2 4	24 53	1 30	18 46	1 31	14 25	2 27	18 35	0 54	24 59	0 55	1 16	5 48	17 42	18 5	27 41			n.a.
F 10	5 53	20 51	0s49	12 13	1 53	12 45	2 5	24 47	1 28	18 43	1 31	14 23	2 27	18 35	0 54	24 59	0 55	1 16	5 48	17 42	18 4	27 41			n.a.
S 11	6 16	24 18	1 53	12 59	1 56	12 21	2 6	24 42	1 26	18 40	1 32	14 21	2 27	18 35	0 53	24 59	0 55	1 17	5 48	17 42	18 3	27 42			n.a.
S 12	6 39	26 39	2 51	13 43	1 58	11 57	2 7	24 37	1 24	18 38	1 32	14 19	2 27	18 36	0 53	24 59	0 55	1 17	5 48	17 43	18 2	27 42			n.a.
M13	7 1	27 46	3 41	14 25	2 0	11 32	2 7	24 31	1 23	18 35	1 32	14 17	2 28	18 36	0 53	24 59	0 55	1 18	5 48	17 43	18 1	27 42			n.a.
T 14	7 23	27 36	4 22	15 5	2 1	11 7	2 8	24 25	1 21	18 33	1 32	14 15	2 28	18 36	0 53	24 59	0 55	1 18	5 48	17 43	18 0	27 43			n.a.
W15	7 46	26 9	4 52	15 43	2 1	10 41	2 9	24 19	1 19	18 30	1 33	14 13	2 28	18 36	0 53	24 59	0 55	1 19	5 48	17 43	17 59	27 43			n.a.
T 16	8 8	23 31	5 9	16 19	2 1	10 15	2 9	24 13	1 17	18 27	1 33	14 11	2 28	18 36	0 53	24 59	0 55	1 19	5 48	17 43	17 58	27 43			n.a.
F 17	8 30	19 46	5 13	16 53	2 1	9 49	2 9	24 7	1 15	18 25	1 33	14 9	2 28	18 36	0 53	24 59	0 55	1 20	5 47	17 42	17 58	27 44			n.a.
S 18	8 52	15 5	5 2	17 26	1 59	9 23	2 10	24 1	1 14	18 22	1 33	14 7	2 29	18 36	0 53	24 59	0 55	1 20	5 47	17 41	17 57	27 44			n.a.
S 19	9 14	9 38	4 35	17 56	1 57	8 56	2 10	23 54	1 12	18 20	1 34	14 5	2 29	18 36	0 53	24 59	0 55	1 20	5 47	17 40	17 56	27 44			n.a.
M20	9 35	3 37	3 54	18 25	1 55	8 29	2 10	23 48	1 10	18 17	1 34	14 3	2 29	18 36	0 53	24 59	0 55	1 21	5 47	17 39	17 55	27 45			n.a.
T 21	9 57	2n44	2 58	18 52	1 52	8 2	2 10	23 41	1 8	18 15	1 34	14 1	2 29	18 36	0 53	24 59	0 55	1 21	5 47	17 38	17 54	27 45			n.a.
W22	10 18	9 6	1 50	19 17	1 49	7 34	2 9	23 34	1 7	18 13	1 34	13 59	2 29	18 36	0 53	24 59	0 55	1 22	5 47	17 38	17 53	27 45			n.a.
T 23	10 40	15 9	0 35	19 40	1 45	7 6	2 9	23 27	1 5	18 10	1 35	13 57	2 30	18 36	0 53	24 59	0 55	1 22	5 47	17 37	17 52	27 46			n.a.
F 24	11 1	20 28	0n44	20 2	1 40	6 38	2 9	23 20	1 3	18 8	1 35	13 55	2 30	18 36	0 53	24 59	0 55	1 23	5 46	17 37	17 51	27 46			n.a.
S 25	11 22	24 36	2 0	20 21	1 36	6 10	2 8	23 12	1 2	18 6	1 35	13 53	2 30	18 36	0 53	24 59	0 55	1 23	5 46	17 38	17 50	27 46			n.a.
S 26	11 43	27 10	3 9	20 39	1 30	5 42	2 8	23 5	1 0	18 3	1 36	13 52	2 30	18 36	0 53	24 59	0 55	1 24	5 46	17 38	17 49	27 46			n.a.
M27	12 3	27 53	4 6	20 56	1 24	5 13	2 7	22 57	0 58	18 1	1 36	13 50	2 31	18 36	0 53	24 59	0 55	1 24	5 46	17 38	17 49	27 47			n.a.
T 28	12 24	26 45	4 47	21 11	1 18	4 44	2 7	22 49	0 57	17 59	1 36	13 48	2 31	18 36	0 53	24 59	0 55	1 24	5 46	17 39	17 48	27 47			n.a.
W29	12 44	23 54	5 11	21 24	1 12	4 15	2 6	22 41	0 55	17 57	1 36	13 47	2 31	18 36	0 53	24 59	0 55	1 25	5 45	17 39	17 47	27 47			n.a.
T 30	13 4	19 42	5 15	21 35	1 5	3 46	2 5	22 33	0 54	17 55	1 37	13 45	2 31	18 35	0 53	24 59	0 55	1 25	5 45	17 38	17 46	27 47			n.a.
F 31	13n24	14n31	5n 2	21n45	0n57	3s17	2s 4	22n24	0n52	17s53	1s37	13s43	2s32	18n35	0n53	24n59	0n55	1n26	5n45	17n38	17n45	27s47			n.a.

Julian Day Number = 202833.5, Delta T = 32h07m00s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'37, Lahiri = -61°04'37 Julian Calendar 1 May 4158 BCE == Greg. Calendar 29 March 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

JUNE 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 27 19	5♉31'35	18♍46	1♊46	27♓44	26♋32	16♒35	1♓14	11♌45	27♊ 8	9°R24	17°R50	18♉12	7♑ 1	n.a.	S 1
S 2	14 31 16	6°28'58	2♎ 5	3° 0	28°54	27° 8	16°42	1°19	11°46	27° 9	9♎23	17♉48	18° 9	7° 8	n.a.	S 2
M 3	14 35 12	7°26'23	15°10	4°12	0♈ 3	27°44	16°49	1°23	11°46	27°11	9°22	17°47	18° 6	7°15	n.a.	M 3
T 4	14 39 9	8°23'50	28° 1	5°22	1°13	28°20	16°56	1°28	11°47	27°13	9°20	17°46	18° 2	7°22	n.a.	T 4
W 5	14 43 5	9°21'18	10♏39	6°29	2°23	28°57	17° 2	1°33	11°47	27°14	9°19	17°46	17°59	7°28	n.a.	W 5
T 6	14 47 2	10°18'47	23° 3	7°34	3°33	29°33	17° 9	1°37	11°48	27°16	9°18	17°D46	17°56	7°35	n.a.	T 6
F 7	14 50 58	11°16'17	5♐15	8°37	4°44	0♌10	17°15	1°42	11°49	27°18	9°17	17°46	17°53	7°42	n.a.	F 7
S 8	14 54 55	12°13'50	17°17	9°37	5°54	0°47	17°22	1°46	11°50	27°19	9°15	17°47	17°50	7°48	n.a.	S 8
S 9	14 58 52	13°11'24	29°13	10°34	7° 4	1°24	17°28	1°50	11°50	27°21	9°14	17°47	17°47	7°55	n.a.	S 9
M10	15 2 48	14° 9'00	11♑ 4	11°28	8°15	2° 1	17°33	1°55	11°51	27°23	9°13	17°48	17°43	8° 2	n.a.	M10
T 11	15 6 45	15° 6'37	22°55	12°18	9°25	2°39	17°39	1°59	11°52	27°24	9°12	17°48	17°40	8° 8	n.a.	T 11
W12	15 10 41	16° 4'17	4♒50	13° 6	10°36	3°16	17°45	2° 3	11°53	27°26	9°11	17°48	17°37	8°15	n.a.	W12
T 13	15 14 38	17° 1'58	16°53	13°50	11°47	3°54	17°50	2° 7	11°54	27°28	9°10	17°R48	17°34	8°22	n.a.	T 13
F 14	15 18 34	17°59'41	29° 9	14°31	12°58	4°32	17°55	2°10	11°55	27°30	9° 8	17°D48	17°31	8°28	n.a.	F 14
S 15	15 22 31	18°57'26	11♓42	15° 8	14° 9	5°10	18° 0	2°14	11°56	27°32	9° 7	17°48	17°27	8°35	n.a.	S 15
S 16	15 26 27	19°55'13	24°37	15°41	15°20	5°48	18° 5	2°18	11°58	27°33	9° 6	17°48	17°24	8°42	n.a.	S 16
M17	15 30 24	20°53'02	7♈54	16° 9	16°31	6°27	18°10	2°21	11°59	27°35	9° 5	17°48	17°21	8°49	n.a.	M17
T 18	15 34 21	21°50'53	21°37	16°33	17°42	7° 5	18°15	2°25	12° 0	27°37	9° 4	17°49	17°18	8°55	n.a.	T 18
W19	15 38 17	22°48'46	5♉43	16°52	18°54	7°44	18°19	2°28	12° 2	27°39	9° 3	17°49	17°15	9° 2	n.a.	W19
T 20	15 42 14	23°46'40	20°10	17° 7	20° 5	8°23	18°23	2°31	12° 3	27°41	9° 2	17°R49	17°12	9° 9	n.a.	T 20
F 21	15 46 10	24°44'37	4♊52	17°16	21°16	9° 2	18°27	2°35	12° 4	27°43	9° 1	17°49	17° 8	9°15	n.a.	F 21
S 22	15 50 7	25°42'36	19°43	17°R19	22°28	9°41	18°31	2°38	12° 6	27°45	9° 0	17°48	17° 5	9°22	n.a.	S 22
S 23	15 54 3	26°40'36	4♋35	17°17	23°40	10°20	18°35	2°41	12° 7	27°47	8°59	17°47	17° 2	9°29	n.a.	S 23
M24	15 58 0	27°38'38	19°21	17°10	24°51	10°59	18°38	2°43	12° 9	27°49	8°59	17°46	16°59	9°35	n.a.	M24
T 25	16 1 57	28°36'42	3♌54	16°56	26° 3	11°39	18°41	2°46	12°11	27°51	8°58	17°45	16°56	9°42	n.a.	T 25
W26	16 5 53	29°34'47	18°10	16°36	27°15	12°19	18°44	2°49	12°12	27°53	8°57	17°45	16°53	9°49	n.a.	W26
T 27	16 9 50	0♊32'53	2♍ 6	16°10	28°27	12°58	18°47	2°51	12°14	27°55	8°56	17°D44	16°49	9°56	n.a.	T 27
F 28	16 13 46	1°31'02	15°43	15°38	29°39	13°38	18°50	2°54	12°16	27°57	8°55	17°45	16°46	10° 2	n.a.	F 28
S 29	16 17 43	2°29'12	29° 0	15° 0	0♉51	14°18	18°53	2°56	12°18	27°59	8°54	17°46	16°43	10° 9	n.a.	S 29
S 30	16 21 39	3♊27'24	12♎ 0	14♊18	2♉ 3	14♌59	18♒55	2♓58	12♌20	28♊ 1	8♎54	17♉47	16♉40	10♑16	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n44	8n42	4n31	21n54	0n49	2s48	2s 3	22n16	0n50	17s51	1s37	13s42	2s32	18n35	0n52	25n 0	0n55	1n26	5n45	17n38	17n44	27s48		n.a.
S 2	14 3	2 36	3 47	22 1	0 41	2 18	2 2	22 7	0 49	17 49	1 38	13 40	2 32	18 35	0 52	25 0	0 55	1 26	5 45	17 37	17 43	27 48		n.a.
M 3	14 23	3s32	2 51	22 7	0 32	1 49	2 1	21 58	0 47	17 47	1 38	13 39	2 32	18 35	0 52	25 0	0 55	1 27	5 45	17 37	17 42	27 48		n.a.
T 4	14 42	9 24	1 47	22 11	0 23	1 19	1 59	21 49	0 46	17 45	1 38	13 37	2 33	18 34	0 52	25 0	0 55	1 27	5 44	17 37	17 41	27 48		n.a.
W 5	15 1	14 49	0 39	22 14	0 14	0 49	1 58	21 40	0 44	17 44	1 38	13 36	2 33	18 34	0 52	25 0	0 54	1 27	5 44	17 36	17 40	27 48		n.a.
T 6	15 20	19 32	0s29	22 16	0 4	0 19	1 57	21 31	0 43	17 42	1 39	13 34	2 33	18 34	0 52	25 0	0 54	1 28	5 44	17 36	17 39	27 49		n.a.
F 7	15 38	23 21	1 35	22 16	0s 6	0n11	1 55	21 21	0 41	17 40	1 39	13 33	2 33	18 34	0 52	25 0	0 54	1 28	5 44	17 37	17 39	27 49		n.a.
S 8	15 56	26 5	2 36	22 15	0 16	0 41	1 53	21 12	0 40	17 38	1 39	13 31	2 34	18 34	0 52	25 0	0 54	1 28	5 44	17 37	17 38	27 49		n.a.
S 9	16 14	27 37	3 30	22 13	0 27	1 11	1 52	21 2	0 38	17 37	1 40	13 30	2 34	18 33	0 52	25 0	0 54	1 29	5 43	17 37	17 37	27 49		n.a.
M10	16 32	27 52	4 14	22 10	0 38	1 41	1 50	20 52	0 37	17 35	1 40	13 29	2 34	18 33	0 52	25 0	0 54	1 29	5 43	17 37	17 36	27 49		n.a.
T 11	16 49	26 50	4 48	22 6	0 49	2 11	1 48	20 42	0 35	17 34	1 40	13 28	2 34	18 33	0 52	25 0	0 54	1 29	5 43	17 37	17 35	27 49		n.a.
W12	17 7	24 35	5 9	22 1	1 0	2 41	1 47	20 31	0 34	17 32	1 41	13 26	2 35	18 32	0 52	25 0	0 54	1 29	5 43	17 37	17 34	27 49		n.a.
T 13	17 24	21 14	5 17	21 55	1 12	3 11	1 45	20 21	0 32	17 31	1 41	13 25	2 35	18 32	0 52	25 0	0 54	1 30	5 42	17 37	17 33	27 50		n.a.
F 14	17 40	16 55	5 11	21 48	1 24	3 41	1 43	20 10	0 31	17 30	1 41	13 24	2 35	18 32	0 52	25 0	0 54	1 30	5 42	17 37	17 32	27 50		n.a.
S 15	17 57	11 49	4 50	21 41	1 35	4 11	1 41	19 59	0 29	17 28	1 42	13 23	2 36	18 31	0 52	25 0	0 54	1 30	5 42	17 37	17 31	27 50		n.a.
S 16	18 13	6 4	4 14	21 32	1 48	4 41	1 39	19 48	0 28	17 27	1 42	13 22	2 36	18 31	0 52	25 0	0 54	1 30	5 42	17 37	17 30	27 50		n.a.
M17	18 29	0n 7	3 24	21 23	2 0	5 11	1 37	19 37	0 27	17 26	1 42	13 21	2 36	18 30	0 52	25 0	0 54	1 31	5 42	17 37	17 29	27 50		n.a.
T 18	18 44	6 30	2 20	21 14	2 12	5 41	1 34	19 26	0 25	17 25	1 43	13 20	2 36	18 30	0 52	25 0	0 54	1 31	5 41	17 37	17 28	27 50		n.a.
W19	19 0	12 45	1 7	21 4	2 24	6 11	1 32	19 14	0 24	17 24	1 43	13 19	2 37	18 30	0 52	25 0	0 54	1 31	5 41	17 37	17 27	27 50		n.a.
T 20	19 15	18 30	0n13	20 53	2 36	6 41	1 30	19 2	0 22	17 23	1 43	13 18	2 37	18 29	0 52	25 0	0 54	1 31	5 41	17 37	17 27	27 50		n.a.
F 21	19 29	23 14	1 33	20 42	2 48	7 11	1 28	18 51	0 21	17 22	1 44	13 17	2 37	18 29	0 52	25 0	0 54	1 31	5 41	17 37	17 26	27 50		n.a.
S 22	19 44	26 29	2 48	20 31	3 0	7 40	1 25	18 39	0 20	17 21	1 44	13 16	2 38	18 28	0 52	25 0	0 54	1 31	5 40	17 37	17 25	27 50		n.a.
S 23	19 58	27 53	3 51	20 19	3 11	8 10	1 23	18 26	0 18	17 20	1 44	13 15	2 38	18 28	0 51	25 0	0 54	1 32	5 40	17 37	17 24	27 50		n.a.
M24	20 11	27 16	4 38	20 8	3 22	8 39	1 20	18 14	0 17	17 19	1 45	13 14	2 38	18 27	0 51	25 0	0 54	1 32	5 40	17 37	17 23	27 50		n.a.
T 25	20 25	24 47	5 7	19 57	3 32	9 8	1 18	18 2	0 16	17 18	1 45	13 14	2 38	18 27	0 51	25 0	0 54	1 32	5 40	17 36	17 22	27 50		n.a.
W26	20 38	20 49	5 16	19 45	3 41	9 37	1 15	17 49	0 14	17 18	1 45	13 13	2 39	18 26	0 51	25 0	0 54	1 32	5 39	17 36	17 21	27 50		n.a.
T 27	20 50	15 46	5 6	19 34	3 50	10 6	1 13	17 36	0 13	17 17	1 46	13 12	2 39	18 26	0 51	25 0	0 54	1 32	5 39	17 36	17 20	27 50		n.a.
F 28	21 3	10 3	4 40	19 23	3 57	10 34	1 10	17 23	0 12	17 16	1 46	13 12	2 39	18 25	0 51	25 0	0 54	1 32	5 39	17 36	17 19	27 50		n.a.
S 29	21 15	4 2	3 58	19 13	4 3	11 3	1 8	17 10	0 10	17 16	1 46	13 11	2 40	18 24	0 51	25 0	0 54	1 32	5 39	17 36	17 18	27 50		n.a.
S 30	21n26	2s 3	3n 5	19n 3	4s 8	11n31	1s 5	16n57	0n 9	17s16	1s47	13s10	2s40	18n24	0n51	25n 0	0n54	1n32	5n38	17n37	17n17	27s50		n.a.

Julian Day Number = 202864.5, Delta T = 32h06m56s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'33, Lahiri = -61°04'33 Julian Calendar 1 June 4158 BCE == Greg. Calendar 29 Apr. 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

JULY 4158 BCE (-4157) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 25 36	4♊25'37	24♎45	13°R30	3♉16	15♌39	18♒57	3♓ 0	12♌21	28♊ 3	8°R53	17♉48	16♉37	10♑22	n.a.	M 1
T 2	16 29 32	5°23'53	7♏16	12♊38	4°28	16°19	18°59	3° 3	12°23	28° 5	8♎52	17°49	16°33	10°29	n.a.	T 2
W 3	16 33 29	6°22'10	19°36	11°43	5°40	17° 0	19° 1	3° 4	12°25	28° 7	8°52	17°R49	16°30	10°36	n.a.	W 3
T 4	16 37 25	7°20'30	1♐47	10°45	6°53	17°40	19° 2	3° 6	12°27	28° 9	8°51	17°49	16°27	10°42	n.a.	T 4
F 5	16 41 22	8°18'51	13°49	9°46	8° 5	18°21	19° 4	3° 8	12°30	28°12	8°50	17°47	16°24	10°49	n.a.	F 5
S 6	16 45 19	9°17'15	25°46	8°48	9°18	19° 2	19° 5	3°10	12°32	28°14	8°50	17°45	16°21	10°56	n.a.	S 6
S 7	16 49 15	10°15'41	7♑38	7°50	10°31	19°43	19° 6	3°11	12°34	28°16	8°49	17°41	16°18	11° 2	n.a.	S 7
M 8	16 53 12	11°14'09	19°29	6°55	11°44	20°24	19° 7	3°12	12°36	28°18	8°49	17°37	16°14	11° 9	n.a.	M 8
T 9	16 57 8	12°12'40	1♒20	6° 5	12°56	21° 5	19° 7	3°14	12°38	28°20	8°48	17°33	16°11	11°16	n.a.	T 9
W10	17 1 5	13°11'13	13°15	5°19	14° 9	21°47	19° 8	3°15	12°41	28°22	8°48	17°30	16° 8	11°23	n.a.	W10
T 11	17 5 1	14° 9'48	25°17	4°40	15°22	22°28	19°R 8	3°16	12°43	28°25	8°47	17°27	16° 5	11°29	n.a.	T 11
F 12	17 8 58	15° 8'25	7♓31	4° 8	16°35	23°10	19° 8	3°17	12°45	28°27	8°47	17°26	16° 2	11°36	n.a.	F 12
S 13	17 12 54	16° 7'05	20° 0	3°44	17°49	23°51	19° 8	3°18	12°48	28°29	8°47	17°D25	15°59	11°43	n.a.	S 13
S 14	17 16 51	17° 5'48	2♈48	3°29	19° 2	24°33	19° 7	3°18	12°50	28°31	8°46	17°26	15°55	11°49	n.a.	S 14
M15	17 20 47	18° 4'33	16° 1	3°D23	20°15	25°15	19° 7	3°19	12°53	28°33	8°46	17°28	15°52	11°56	n.a.	M15
T 16	17 24 44	19° 3'20	29°40	3°27	21°28	25°57	19° 6	3°19	12°55	28°36	8°46	17°29	15°49	12° 3	n.a.	T 16
W17	17 28 41	20° 2'11	13♉46	3°40	22°42	26°39	19° 5	3°20	12°58	28°38	8°46	17°R30	15°46	12° 9	n.a.	W17
T 18	17 32 37	21° 1'03	28°18	4° 3	23°55	27°21	19° 4	3°20	13° 1	28°40	8°45	17°30	15°43	12°16	n.a.	T 18
F 19	17 36 34	21°59'58	13♊12	4°34	25° 9	28° 3	19° 2	3°20	13° 3	28°42	8°45	17°28	15°39	12°23	n.a.	F 19
S 20	17 40 30	22°58'56	28°20	5°15	26°23	28°46	19° 1	3°R20	13° 6	28°44	8°45	17°24	15°36	12°30	n.a.	S 20
S 21	17 44 27	23°57'55	13♋33	6° 4	27°36	29°28	18°59	3°20	13° 9	28°47	8°45	17°19	15°33	12°36	n.a.	S 21
M22	17 48 23	24°56'57	28°40	7° 1	28°50	0♍11	18°57	3°20	13°12	28°49	8°45	17°14	15°30	12°43	n.a.	M22
T 23	17 52 20	25°56'01	13♌33	8° 5	0♊ 4	0°53	18°55	3°20	13°14	28°51	8°45	17° 8	15°27	12°50	n.a.	T 23
W24	17 56 16	26°55'07	28° 3	9°16	1°18	1°36	18°52	3°19	13°17	28°53	8°D45	17° 4	15°24	12°56	n.a.	W24
T 25	18 0 13	27°54'14	12♍ 7	10°33	2°32	2°19	18°50	3°19	13°20	28°56	8°45	17° 1	15°20	13° 3	n.a.	T 25
F 26	18 4 9	28°53'24	25°45	11°55	3°45	3° 2	18°47	3°18	13°23	28°58	8°45	17°D 0	15°17	13°10	n.a.	F 26
S 27	18 8 6	29°52'36	8♎58	13°22	4°59	3°45	18°44	3°17	13°26	29° 0	8°45	17° 0	15°14	13°17	n.a.	S 27
S 28	18 12 2	0♋51'50	21°48	14°53	6°14	4°28	18°41	3°16	13°29	29° 2	8°45	17° 1	15°11	13°23	n.a.	S 28
M29	18 15 59	1°51'05	4♏20	16°28	7°28	5°11	18°37	3°15	13°32	29° 5	8°45	17° 3	15° 8	13°30	n.a.	M29
T 30	18 19 56	2°50'23	16°38	18° 6	8°42	5°55	18°34	3°14	13°35	29° 7	8°45	17°R 3	15° 5	13°37	n.a.	T 30
W31	18 23 52	3♋49'43	28♏46	19♊46	9♊56	6♍38	18♒30	3♓13	13♌38	29♊ 9	8♎45	17♉ 3	15♉ 1	13♑43	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n37	7s56	2n 4	18n54	4s11	11n59	1s 2	16n43	0n 8	17s15	1s47	13s10	2s40	18n23	0n51	25n 0	0n54	1n32	5n38	17n37	17n16	27s50			n.a.
T 2	21 48	13 25	0 58	18 46	4 13	12 26	1 0	16 30	0 6	17 15	1 47	13 9	2 41	18 23	0 51	25 0	0 54	1 32	5 38	17 37	17 15	27 50			n.a.
W 3	21 59	18 17	0s10	18 39	4 12	12 54	0 57	16 16	0 5	17 15	1 48	13 9	2 41	18 22	0 51	25 0	0 54	1 32	5 38	17 38	17 14	27 50			n.a.
T 4	22 9	22 21	1 16	18 34	4 10	13 21	0 54	16 2	0 4	17 14	1 48	13 9	2 41	18 21	0 51	25 1	0 54	1 32	5 37	17 37	17 14	27 50			n.a.
F 5	22 19	25 23	2 18	18 29	4 6	13 48	0 51	15 48	0 3	17 14	1 48	13 8	2 41	18 21	0 51	25 1	0 54	1 32	5 37	17 37	17 13	27 50			n.a.
S 6	22 28	27 16	3 14	18 27	4 0	14 14	0 49	15 34	0 1	17 14	1 49	13 8	2 42	18 20	0 51	25 1	0 54	1 32	5 37	17 36	17 12	27 50			n.a.
S 7	22 37	27 53	4 0	18 26	3 52	14 40	0 46	15 19	0 0	17 14	1 49	13 8	2 42	18 19	0 51	25 1	0 54	1 32	5 37	17 35	17 11	27 50			n.a.
M 8	22 45	27 13	4 37	18 26	3 41	15 6	0 43	15 5	0s 1	17 14	1 49	13 7	2 42	18 19	0 51	25 1	0 54	1 32	5 36	17 34	17 10	27 50			n.a.
T 9	22 54	25 18	5 1	18 29	3 30	15 32	0 40	14 50	0 2	17 14	1 50	13 7	2 43	18 18	0 51	25 1	0 54	1 32	5 36	17 33	17 9	27 50			n.a.
W10	23 1	22 17	5 12	18 34	3 16	15 57	0 37	14 35	0 3	17 15	1 50	13 7	2 43	18 17	0 51	25 1	0 54	1 32	5 36	17 32	17 8	27 50			n.a.
T 11	23 9	18 18	5 10	18 42	3 2	16 21	0 34	14 20	0 5	17 15	1 50	13 7	2 43	18 17	0 51	25 1	0 54	1 32	5 36	17 31	17 7	27 49			n.a.
F 12	23 15	13 31	4 54	18 51	2 46	16 46	0 32	14 5	0 6	17 15	1 51	13 7	2 44	18 16	0 51	25 1	0 54	1 32	5 35	17 31	17 6	27 49			n.a.
S 13	23 22	8 6	4 24	19 3	2 29	17 10	0 29	13 50	0 7	17 16	1 51	13 7	2 44	18 15	0 51	25 1	0 54	1 32	5 35	17 31	17 5	27 49			n.a.
S 14	23 28	2 12	3 40	19 17	2 12	17 33	0 26	13 35	0 8	17 16	1 52	13 7	2 44	18 14	0 51	25 1	0 54	1 32	5 35	17 31	17 4	27 49			n.a.
M15	23 34	3n58	2 44	19 33	1 54	17 56	0 23	13 19	0 9	17 17	1 52	13 7	2 45	18 14	0 51	25 1	0 54	1 32	5 35	17 31	17 3	27 49			n.a.
T 16	23 39	10 10	1 36	19 51	1 37	18 19	0 20	13 4	0 10	17 17	1 52	13 7	2 45	18 13	0 51	25 1	0 54	1 32	5 34	17 32	17 2	27 49			n.a.
W17	23 44	16 6	0 20	20 11	1 19	18 41	0 17	12 48	0 11	17 18	1 53	13 7	2 45	18 12	0 50	25 1	0 54	1 31	5 34	17 32	17 1	27 49			n.a.
T 18	23 48	21 18	0n59	20 33	1 2	19 3	0 14	12 32	0 13	17 19	1 53	13 8	2 45	18 11	0 50	25 1	0 54	1 31	5 34	17 32	17 0	27 48			n.a.
F 19	23 52	25 16	2 16	20 55	0 45	19 24	0 12	12 16	0 14	17 19	1 53	13 8	2 46	18 10	0 50	25 1	0 54	1 31	5 33	17 31	16 59	27 48			n.a.
S 20	23 55	27 30	3 24	21 19	0 28	19 45	0 9	12 0	0 15	17 20	1 54	13 8	2 46	18 10	0 50	25 1	0 54	1 31	5 33	17 30	16 58	27 48			n.a.
S 21	23 58	27 41	4 18	21 43	0 12	20 5	0 6	11 44	0 16	17 21	1 54	13 8	2 46	18 9	0 50	25 1	0 54	1 31	5 33	17 29	16 58	27 48			n.a.
M22	24 1	25 48	4 54	22 8	0n 2	20 25	0 3	11 28	0 17	17 22	1 54	13 9	2 47	18 8	0 50	25 1	0 55	1 30	5 33	17 27	16 57	27 48			n.a.
T 23	24 3	22 9	5 9	22 33	0 16	20 44	0 0	11 11	0 18	17 23	1 54	13 9	2 47	18 7	0 50	25 1	0 55	1 30	5 32	17 26	16 56	27 48			n.a.
W24	24 5	17 13	5 4	22 57	0 30	21 2	0n 2	10 54	0 19	17 24	1 55	13 10	2 47	18 6	0 50	25 1	0 55	1 30	5 32	17 24	16 55	27 47			n.a.
T 25	24 6	11 31	4 41	23 21	0 42	21 20	0 5	10 38	0 20	17 25	1 55	13 10	2 48	18 5	0 50	25 1	0 55	1 30	5 32	17 23	16 54	27 47			n.a.
F 26	24 6	5 25	4 2	23 43	0 53	21 38	0 8	10 21	0 21	17 26	1 55	13 11	2 48	18 4	0 50	25 1	0 55	1 29	5 31	17 23	16 53	27 47			n.a.
S 27	24 7	0s44	3 11	24 5	1 3	21 54	0 11	10 4	0 22	17 28	1 56	13 11	2 48	18 3	0 50	25 1	0 55	1 29	5 31	17 23	16 52	27 47			n.a.
S 28	24 7	6 41	2 12	24 25	1 12	22 10	0 13	9 47	0 23	17 29	1 56	13 12	2 49	18 3	0 50	25 1	0 55	1 29	5 31	17 24	16 51	27 46			n.a.
M29	24 6	12 15	1 8	24 44	1 20	22 26	0 16	9 30	0 24	17 30	1 56	13 12	2 49	18 2	0 50	25 1	0 55	1 29	5 31	17 24	16 50	27 46			n.a.
T 30	24 5	17 15	0 2	25 0	1 27	22 41	0 19	9 12	0 25	17 32	1 57	13 13	2 49	18 1	0 50	25 1	0 55	1 28	5 30	17 24	16 49	27 46			n.a.
W31	24n 3	21s28	1s 3	25n15	1n33	22n55	0n21	8n55	0s26	17s33	1s57	13s14	2s49	18n 0	0n50	25n 1	0n55	1n28	5n30	17n24	16n48	27s46			n.a.

Julian Day Number = 202894.5, Delta T = 32h06m53s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'29, Lahiri = -61°04'29 Julian Calendar 1 July 4158 BCE == Greg. Calendar 29 May 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

AUGUST 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 27 49	4♋49'05	10♐45	21♊28	11♊10	7♍22	18°R26	3°R12	13♌41	29♊11	8♎46	17°R 0	14♉58	13♂50	n.a.	T 1
F 2	18 31 45	5°48'30	22°40	23°11	12°25	8° 5	18♒22	3♓10	13°45	29°14	8°46	16♉55	14°55	13°57	n.a.	F 2
S 3	18 35 42	6°47'56	4♂32	24°56	13°39	8°49	18°18	3° 9	13°48	29°16	8°46	16°47	14°52	14° 3	n.a.	S 3
S 4	18 39 38	7°47'25	16°23	26°42	14°54	9°33	18°13	3° 7	13°51	29°18	8°47	16°38	14°49	14°10	n.a.	S 4
M 5	18 43 35	8°46'57	28°15	28°28	16° 8	10°16	18° 9	3° 5	13°54	29°20	8°47	16°28	14°45	14°17	n.a.	M 5
T 6	18 47 31	9°46'30	10♒ 9	0♋15	17°23	11° 0	18° 4	3° 3	13°57	29°22	8°47	16°17	14°42	14°24	n.a.	T 6
W 7	18 51 28	10°46'06	22° 8	2° 1	18°37	11°44	17°59	3° 1	14° 1	29°25	8°48	16° 8	14°39	14°30	n.a.	W 7
T 8	18 55 24	11°45'44	4♓13	3°48	19°52	12°28	17°54	2°59	14° 4	29°27	8°48	16° 0	14°36	14°37	n.a.	T 8
F 9	18 59 21	12°45'25	16°27	5°35	21° 7	13°12	17°48	2°57	14° 7	29°29	8°49	15°54	14°33	14°44	n.a.	F 9
S 10	19 3 17	13°45'08	28°54	7°21	22°21	13°56	17°43	2°55	14°11	29°31	8°49	15°50	14°30	14°50	n.a.	S 10
S 11	19 7 14	14°44'54	11♈38	9° 7	23°36	14°40	17°37	2°52	14°14	29°33	8°50	15°D49	14°26	14°57	n.a.	S 11
M12	19 11 10	15°44'42	24°42	10°53	24°51	15°25	17°31	2°50	14°17	29°36	8°50	15°49	14°23	15° 4	n.a.	M12
T 13	19 15 7	16°44'33	8♉11	12°38	26° 6	16° 9	17°25	2°47	14°21	29°38	8°51	15°50	14°20	15°11	n.a.	T 13
W14	19 19 4	17°44'27	22° 7	14°22	27°21	16°54	17°19	2°45	14°24	29°40	8°52	15°R50	14°17	15°17	n.a.	W14
T 15	19 23 0	18°44'23	6♊31	16° 6	28°36	17°38	17°13	2°42	14°28	29°42	8°52	15°48	14°14	15°24	n.a.	T 15
F 16	19 26 57	19°44'21	21°19	17°50	29°51	18°23	17° 7	2°39	14°31	29°44	8°53	15°44	14°11	15°31	n.a.	F 16
S 17	19 30 53	20°44'22	6♋28	19°32	1♌ 6	19° 7	17° 0	2°36	14°35	29°46	8°54	15°37	14° 7	15°37	n.a.	S 17
S 18	19 34 50	21°44'25	21°47	21°15	2°21	19°52	16°53	2°33	14°38	29°48	8°55	15°28	14° 4	15°44	n.a.	S 18
M19	19 38 46	22°44'30	7♌ 4	22°56	3°36	20°37	16°47	2°30	14°42	29°51	8°55	15°18	14° 1	15°51	n.a.	M19
T 20	19 42 43	23°44'38	22°10	24°37	4°51	21°22	16°40	2°27	14°45	29°53	8°56	15° 8	13°58	15°58	n.a.	T 20
W21	19 46 39	24°44'47	6♍54	26°18	6° 6	22° 7	16°33	2°23	14°49	29°55	8°57	14°59	13°55	16° 4	n.a.	W21
T 22	19 50 36	25°44'58	21°10	27°57	7°22	22°52	16°25	2°20	14°53	29°57	8°58	14°52	13°51	16°11	n.a.	T 22
F 23	19 54 32	26°45'10	4♎56	29°36	8°37	23°37	16°18	2°16	14°56	29°59	8°59	14°48	13°48	16°18	n.a.	F 23
S 24	19 58 29	27°45'25	18°13	1♏15	9°52	24°22	16°11	2°13	15° 0	0♋ 1	9° 0	14°46	13°45	16°24	n.a.	S 24
S 25	20 2 25	28°45'41	1♏ 4	2°53	11° 7	25° 7	16° 3	2° 9	15° 4	0° 3	9° 1	14°D46	13°42	16°31	n.a.	S 25
M26	20 6 22	29°45'59	13°33	4°30	12°23	25°52	15°56	2° 5	15° 7	0° 5	9° 2	14°R46	13°39	16°38	n.a.	M26
T 27	20 10 19	0♏46'19	25°46	6° 7	13°38	26°37	15°48	2° 1	15°11	0° 7	9° 3	14°45	13°36	16°44	n.a.	T 27
W28	20 14 15	1°46'41	7♐47	7°44	14°54	27°22	15°41	1°57	15°15	0° 9	9° 4	14°43	13°32	16°51	n.a.	W28
T 29	20 18 12	2°47'05	19°41	9°20	16° 9	28° 8	15°33	1°54	15°18	0°11	9° 5	14°38	13°29	16°58	n.a.	T 29
F 30	20 22 8	3°47'30	1♑31	10°55	17°24	28°53	15°25	1°49	15°22	0°13	9° 6	14°31	13°26	17° 5	n.a.	F 30
S 31	20 26 5	4♌47'57	13♑22	12♌30	18♋40	29♍39	15♒17	1♓45	15♌26	0♋15	9♎ 7	14♉20	13♉23	17♂11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	24n 1	24s44	2s 4	25n28	1n38	23n 8	0n24	8n38	0s27	17s35	1s57	13s15	2s50	17n59	0n50	25n 1	0n55	1n28	5n30	17n23	16n47	27s45			n.a.
F 2	23 59	26 54	3 0	25 39	1 43	23 21	0 26	8 20	0 28	17 36	1 57	13 15	2 50	17 58	0 50	25 1	0 55	1 27	5 30	17 22	16 46	27 45			n.a.
S 3	23 56	27 49	3 47	25 47	1 46	23 33	0 29	8 2	0 29	17 38	1 58	13 16	2 50	17 57	0 50	25 1	0 55	1 27	5 29	17 19	16 45	27 45			n.a.
S 4	23 53	27 27	4 24	25 53	1 49	23 45	0 31	7 45	0 30	17 40	1 58	13 17	2 51	17 56	0 50	25 2	0 55	1 26	5 29	17 17	16 44	27 44			n.a.
M 5	23 49	25 49	4 50	25 57	1 51	23 56	0 34	7 27	0 31	17 41	1 58	13 18	2 51	17 55	0 50	25 2	0 55	1 26	5 29	17 14	16 43	27 44			n.a.
T 6	23 44	23 3	5 3	25 59	1 52	24 6	0 36	7 9	0 32	17 43	1 59	13 19	2 51	17 54	0 50	25 2	0 55	1 26	5 28	17 11	16 42	27 44			n.a.
W 7	23 40	19 17	5 3	25 59	1 53	24 15	0 38	6 51	0 33	17 45	1 59	13 20	2 51	17 53	0 50	25 2	0 55	1 25	5 28	17 8	16 41	27 43			n.a.
T 8	23 34	14 43	4 50	25 56	1 53	24 23	0 41	6 33	0 34	17 47	1 59	13 21	2 52	17 52	0 50	25 2	0 55	1 25	5 28	17 5	16 40	27 43			n.a.
F 9	23 29	9 31	4 23	25 52	1 52	24 31	0 43	6 15	0 35	17 49	1 59	13 22	2 52	17 51	0 50	25 2	0 55	1 24	5 28	17 4	16 39	27 43			n.a.
S 10	23 23	3 51	3 43	25 45	1 51	24 38	0 45	5 57	0 36	17 51	2 0	13 23	2 52	17 50	0 50	25 2	0 55	1 24	5 27	17 3	16 38	27 42			n.a.
S 11	23 16	2n 6	2 52	25 37	1 50	24 45	0 47	5 38	0 37	17 53	2 0	13 24	2 52	17 49	0 50	25 2	0 55	1 23	5 27	17 2	16 37	27 42			n.a.
M12	23 9	8 8	1 50	25 27	1 48	24 50	0 49	5 20	0 38	17 55	2 0	13 25	2 53	17 48	0 50	25 2	0 55	1 23	5 27	17 2	16 36	27 42			n.a.
T 13	23 2	13 59	0 41	25 14	1 45	24 55	0 52	5 1	0 38	17 57	2 0	13 27	2 53	17 47	0 50	25 2	0 55	1 22	5 27	17 3	16 35	27 41			n.a.
W14	22 54	19 21	0n33	25 1	1 42	24 59	0 54	4 43	0 39	17 59	2 0	13 28	2 53	17 46	0 50	25 2	0 55	1 22	5 26	17 3	16 34	27 41			n.a.
T 15	22 46	23 46	1 48	24 45	1 39	25 2	0 56	4 24	0 40	18 1	2 1	13 29	2 54	17 45	0 50	25 2	0 55	1 21	5 26	17 2	16 33	27 41			n.a.
F 16	22 37	26 46	2 57	24 28	1 36	25 4	0 57	4 6	0 41	18 4	2 1	13 30	2 54	17 44	0 50	25 2	0 55	1 21	5 26	17 1	16 33	27 40			n.a.
S 17	22 28	27 52	3 55	24 9	1 32	25 6	0 59	3 47	0 42	18 6	2 1	13 32	2 54	17 42	0 50	25 2	0 55	1 20	5 25	16 59	16 32	27 40			n.a.
S 18	22 18	26 51	4 37	23 49	1 28	25 7	1 1	3 28	0 43	18 8	2 1	13 33	2 54	17 41	0 50	25 2	0 55	1 20	5 25	16 56	16 31	27 39			n.a.
M19	22 8	23 50	4 59	23 28	1 23	25 7	1 3	3 9	0 43	18 10	2 1	13 35	2 54	17 40	0 50	25 2	0 55	1 19	5 25	16 53	16 30	27 39			n.a.
T 20	21 58	19 13	5 0	23 5	1 18	25 6	1 5	2 51	0 44	18 13	2 2	13 36	2 55	17 39	0 50	25 2	0 55	1 19	5 25	16 50	16 29	27 38			n.a.
W21	21 47	13 33	4 41	22 41	1 14	25 4	1 6	2 32	0 45	18 15	2 2	13 37	2 55	17 38	0 50	25 2	0 55	1 18	5 24	16 47	16 28	27 38			n.a.
T 22	21 35	7 19	4 4	22 16	1 8	25 2	1 8	2 13	0 46	18 17	2 2	13 39	2 55	17 37	0 50	25 2	0 55	1 17	5 24	16 45	16 27	27 38			n.a.
F 23	21 24	0 57	3 14	21 50	1 3	24 59	1 9	1 54	0 47	18 20	2 2	13 40	2 55	17 36	0 50	25 2	0 55	1 17	5 24	16 44	16 26	27 37			n.a.
S 24	21 12	5s15	2 16	21 23	0 58	24 55	1 11	1 35	0 47	18 22	2 2	13 42	2 56	17 35	0 50	25 2	0 55	1 16	5 24	16 43	16 25	27 37			n.a.
S 25	20 59	11 3	1 12	20 54	0 52	24 50	1 12	1 16	0 48	18 25	2 2	13 43	2 56	17 34	0 50	25 2	0 55	1 16	5 23	16 43	16 24	27 36			n.a.
M26	20 46	16 15	0 6	20 25	0 46	24 45	1 14	0 57	0 49	18 27	2 2	13 45	2 56	17 33	0 50	25 2	0 55	1 15	5 23	16 43	16 23	27 36			n.a.
T 27	20 33	20 41	0s58	19 55	0 40	24 38	1 15	0 37	0 50	18 29	2 2	13 47	2 56	17 31	0 50	25 2	0 55	1 14	5 23	16 43	16 22	27 35			n.a.
W28	20 19	24 10	1 59	19 24	0 34	24 31	1 16	0 18	0 50	18 32	2 3	13 48	2 56	17 30	0 49	25 2	0 55	1 14	5 23	16 42	16 21	27 35			n.a.
T 29	20 5	26 35	2 53	18 52	0 28	24 23	1 17	0s 1	0 51	18 34	2 3	13 50	2 56	17 29	0 49	25 2	0 55	1 13	5 22	16 41	16 20	27 34			n.a.
F 30	19 51	27 47	3 40	18 20	0 22	24 14	1 18	0 20	0 52	18 37	2 3	13 52	2 57	17 28	0 49	25 2	0 55	1 12	5 22	16 39	16 19	27 34			n.a.
S 31	19n36	27s41	4s17	17n47	0n15	24n 5	1n19	0s39	0s53	18s39	2s 3	13s53	2s57	17n27	0n49	25n 2	0n55	1n12	5n22	16n35	16n18	27s33			n.a.

Julian Day Number = 202925.5, Delta T = 32h06m50s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'25, Lahiri = -61°04'24 Julian Calendar 1 Aug. 4158 BCE == Greg. Calendar 29 June 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

SEPTEMBER 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 30 1	5♌48'26	25♉14	14♌ 4	19♋55	0♎24	15°R 9	1°R41	15♌29	0♋17	9♎ 8	14°R 7	13♉20	17♉18	n.a.	S 1
M 2	20 33 58	6°48'56	7♒10	15°38	21°11	1°10	15♒ 1	1♓37	15°33	0°19	9°10	13♉53	13°17	17°25	n.a.	M 2
T 3	20 37 54	7°49'29	19°11	17°12	22°27	1°55	14°53	1°33	15°37	0°20	9°11	13°38	13°13	17°31	n.a.	T 3
W 4	20 41 51	8°50'03	1♓18	18°45	23°42	2°41	14°45	1°28	15°41	0°22	9°12	13°24	13°10	17°38	n.a.	W 4
T 5	20 45 47	9°50'40	13°31	20°18	24°58	3°26	14°37	1°24	15°44	0°24	9°13	13°12	13° 7	17°45	n.a.	T 5
F 6	20 49 44	10°51'18	25°54	21°50	26°13	4°12	14°29	1°19	15°48	0°26	9°15	13° 3	13° 4	17°52	n.a.	F 6
S 7	20 53 40	11°51'58	8♈27	23°22	27°29	4°58	14°21	1°15	15°52	0°28	9°16	12°57	13° 1	17°58	n.a.	S 7
S 8	20 57 37	12°52'40	21°13	24°54	28°45	5°44	14°12	1°10	15°56	0°30	9°17	12°54	12°57	18° 5	n.a.	S 8
M 9	21 1 34	13°53'24	4♉15	26°25	0♌ 0	6°29	14° 4	1° 5	15°59	0°31	9°19	12°53	12°54	18°12	n.a.	M 9
T 10	21 5 30	14°54'10	17°37	27°56	1°16	7°15	13°56	1° 1	16° 3	0°33	9°20	12°53	12°51	18°18	n.a.	T 10
W11	21 9 27	15°54'58	1♊21	29°27	2°32	8° 1	13°48	0°56	16° 7	0°35	9°22	12°52	12°48	18°25	n.a.	W11
T 12	21 13 23	16°55'48	15°29	0♍57	3°47	8°47	13°40	0°51	16°11	0°36	9°23	12°50	12°45	18°32	n.a.	T 12
F 13	21 17 20	17°56'41	0♋ 1	2°27	5° 3	9°33	13°32	0°46	16°14	0°38	9°25	12°45	12°42	18°39	n.a.	F 13
S 14	21 21 16	18°57'34	14°53	3°56	6°19	10°19	13°23	0°42	16°18	0°40	9°26	12°38	12°38	18°45	n.a.	S 14
S 15	21 25 13	19°58'30	29°58	5°25	7°35	11° 5	13°15	0°37	16°22	0°41	9°28	12°28	12°35	18°52	n.a.	S 15
M16	21 29 9	20°59'27	15♌ 8	6°53	8°50	11°51	13° 7	0°32	16°26	0°43	9°29	12°16	12°32	18°59	n.a.	M16
T 17	21 33 6	22° 0'26	0♍11	8°21	10° 6	12°37	12°59	0°27	16°30	0°45	9°31	12° 4	12°29	19° 5	n.a.	T 17
W18	21 37 2	23° 1'26	14°57	9°49	11°22	13°23	12°51	0°22	16°33	0°46	9°32	11°54	12°26	19°12	n.a.	W18
T 19	21 40 59	24° 2'27	29°19	11°15	12°38	14°10	12°43	0°17	16°37	0°48	9°34	11°46	12°23	19°19	n.a.	T 19
F 20	21 44 56	25° 3'29	13♎12	12°42	13°54	14°56	12°36	0°12	16°41	0°49	9°36	11°40	12°19	19°26	n.a.	F 20
S 21	21 48 52	26° 4'32	26°36	14° 7	15° 9	15°42	12°28	0° 7	16°45	0°51	9°37	11°37	12°16	19°32	n.a.	S 21
S 22	21 52 49	27° 5'37	9♏33	15°32	16°25	16°28	12°20	0° 2	16°48	0°52	9°39	11°D36	12°13	19°39	n.a.	S 22
M23	21 56 45	28° 6'42	22° 6	16°56	17°41	17°14	12°12	29♒57	16°52	0°53	9°41	11°R36	12°10	19°46	n.a.	M23
T 24	22 0 42	29° 7'49	4♐20	18°18	18°57	18° 1	12° 5	29°52	16°56	0°55	9°43	11°36	12° 7	19°52	n.a.	T 24
W25	22 4 38	0♍ 8'56	16°21	19°40	20°13	18°47	11°58	29°47	16°59	0°56	9°44	11°35	12° 3	19°59	n.a.	W25
T 26	22 8 35	1°10'05	28°14	21° 0	21°28	19°33	11°50	29°42	17° 3	0°58	9°46	11°31	12° 0	20° 6	n.a.	T 26
F 27	22 12 31	2°11'14	10♑ 4	22°19	22°44	20°20	11°43	29°37	17° 7	0°59	9°48	11°25	11°57	20°13	n.a.	F 27
S 28	22 16 28	3°12'24	21°55	23°36	24° 0	21° 6	11°36	29°32	17°10	1° 0	9°50	11°16	11°54	20°19	n.a.	S 28
S 29	22 20 25	4°13'35	3♒50	24°51	25°16	21°52	11°29	29°27	17°14	1° 1	9°52	11° 5	11°51	20°26	n.a.	S 29
M30	22 24 21	5♍14'46	15♒52	26♍ 4	26♌32	22♎39	11♒22	29♒22	17♌18	1♋ 3	9♎53	10♉52	11♉48	20♑33	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n21	26s20	4s43	17n13	0n 9	23n55	1n20	0s58	0s53	18s42	2s 3	13s55	2s57	17n26	0n49	25n 2	0n55	1n11	5n21	16n31	16n17	27s33		n.a.
M 2	19 5	23 47	4 57	16 38	0 3	23 44	1 21	1 18	0 54	18 44	2 3	13 57	2 57	17 25	0 49	25 2	0 55	1 10	5 21	16 27	16 16	27 32		n.a.
T 3	18 50	20 11	4 58	16 3	0s 4	23 32	1 22	1 37	0 55	18 47	2 3	13 58	2 57	17 23	0 49	25 2	0 55	1 9	5 21	16 22	16 15	27 32		n.a.
W 4	18 33	15 44	4 45	15 28	0 10	23 20	1 23	1 56	0 55	18 49	2 3	14 0	2 57	17 22	0 49	25 2	0 55	1 9	5 21	16 18	16 14	27 31		n.a.
T 5	18 17	10 37	4 19	14 52	0 17	23 7	1 24	2 15	0 56	18 52	2 3	14 2	2 58	17 21	0 49	25 2	0 56	1 8	5 21	16 15	16 13	27 30		n.a.
F 6	18 0	5 2	3 40	14 15	0 24	22 53	1 24	2 35	0 57	18 54	2 3	14 4	2 58	17 20	0 49	25 2	0 56	1 7	5 20	16 12	16 12	27 30		n.a.
S 7	17 43	0n50	2 51	13 38	0 30	22 38	1 25	2 54	0 57	18 57	2 3	14 6	2 58	17 19	0 49	25 2	0 56	1 6	5 20	16 10	16 11	27 29		n.a.
S 8	17 25	6 47	1 52	13 1	0 37	22 23	1 25	3 13	0 58	18 59	2 3	14 7	2 58	17 18	0 49	25 2	0 56	1 6	5 20	16 9	16 10	27 29		n.a.
M 9	17 7	12 35	0 45	12 23	0 43	22 7	1 26	3 32	0 58	19 2	2 3	14 9	2 58	17 17	0 49	25 3	0 56	1 5	5 20	16 9	16 9	27 28		n.a.
T 10	16 49	17 58	0n25	11 45	0 50	21 50	1 26	3 51	0 59	19 4	2 3	14 11	2 58	17 15	0 49	25 3	0 56	1 4	5 19	16 9	16 8	27 28		n.a.
W11	16 31	22 34	1 36	11 7	0 56	21 33	1 26	4 10	1 0	19 7	2 3	14 13	2 58	17 14	0 49	25 3	0 56	1 3	5 19	16 8	16 7	27 27		n.a.
T 12	16 12	26 0	2 43	10 29	1 2	21 15	1 27	4 30	1 0	19 9	2 3	14 15	2 58	17 13	0 49	25 3	0 56	1 3	5 19	16 8	16 6	27 26		n.a.
F 13	15 53	27 48	3 41	9 50	1 9	20 57	1 27	4 49	1 1	19 11	2 3	14 17	2 58	17 12	0 49	25 3	0 56	1 2	5 19	16 6	16 5	27 26		n.a.
S 14	15 34	27 40	4 26	9 11	1 15	20 37	1 27	5 8	1 1	19 14	2 3	14 18	2 59	17 11	0 49	25 3	0 56	1 1	5 18	16 4	16 4	27 25		n.a.
S 15	15 14	25 29	4 53	8 32	1 21	20 18	1 27	5 27	1 2	19 16	2 3	14 20	2 59	17 10	0 49	25 3	0 56	1 0	5 18	16 1	16 3	27 24		n.a.
M16	14 54	21 30	5 0	7 53	1 27	19 57	1 27	5 46	1 2	19 18	2 3	14 22	2 59	17 8	0 49	25 3	0 56	0 59	5 18	15 57	16 2	27 24		n.a.
T 17	14 34	16 9	4 45	7 14	1 33	19 36	1 27	6 5	1 3	19 21	2 3	14 24	2 59	17 7	0 49	25 3	0 56	0 58	5 18	15 53	16 1	27 23		n.a.
W18	14 13	9 57	4 12	6 35	1 39	19 15	1 27	6 24	1 3	19 23	2 2	14 26	2 59	17 6	0 49	25 3	0 56	0 58	5 17	15 50	16 0	27 22		n.a.
T 19	13 53	3 22	3 24	5 57	1 44	18 52	1 27	6 43	1 4	19 25	2 2	14 28	2 59	17 5	0 49	25 3	0 56	0 57	5 17	15 47	15 59	27 22		n.a.
F 20	13 32	3s 9	2 24	5 18	1 49	18 30	1 26	7 2	1 4	19 27	2 2	14 30	2 59	17 4	0 49	25 3	0 56	0 56	5 17	15 46	15 58	27 21		n.a.
S 21	13 11	9 20	1 19	4 40	1 55	18 7	1 26	7 20	1 5	19 29	2 2	14 31	2 59	17 3	0 49	25 3	0 56	0 55	5 17	15 45	15 57	27 20		n.a.
S 22	12 49	14 54	0 11	4 2	1 59	17 43	1 25	7 39	1 5	19 31	2 2	14 33	2 59	17 1	0 49	25 3	0 56	0 54	5 17	15 44	15 56	27 20		n.a.
M23	12 28	19 42	0s55	3 24	2 4	17 19	1 25	7 58	1 6	19 33	2 2	14 35	2 59	17 0	0 49	25 3	0 56	0 53	5 16	15 44	15 55	27 19		n.a.
T 24	12 6	23 32	1 57	2 47	2 8	16 54	1 24	8 17	1 6	19 36	2 2	14 37	2 59	16 59	0 49	25 3	0 56	0 52	5 16	15 44	15 54	27 18		n.a.
W25	11 44	26 16	2 53	2 11	2 12	16 29	1 24	8 35	1 7	19 38	2 1	14 39	2 59	16 58	0 49	25 3	0 56	0 51	5 16	15 44	15 53	27 18		n.a.
T 26	11 22	27 47	3 41	1 35	2 16	16 3	1 23	8 54	1 7	19 39	2 1	14 41	2 59	16 57	0 49	25 3	0 56	0 51	5 16	15 43	15 52	27 17		n.a.
F 27	10 59	28 1	4 18	1 1	2 19	15 37	1 22	9 12	1 8	19 41	2 1	14 42	2 59	16 56	0 50	25 3	0 56	0 50	5 16	15 41	15 51	27 16		n.a.
S 28	10 37	26 57	4 45	0 27	2 22	15 10	1 22	9 30	1 8	19 43	2 1	14 44	2 59	16 55	0 50	25 3	0 56	0 49	5 15	15 38	15 50	27 15		n.a.
S 29	10 14	24 40	4 59	0s 6	2 24	14 43	1 21	9 49	1 8	19 45	2 1	14 46	2 59	16 53	0 50	25 3	0 56	0 48	5 15	15 35	15 49	27 15		n.a.
M30	9n51	21s18	5s 1	0s37	2s26	14n16	1n20	10s 7	1s 9	19s47	2s 0	14s48	2s59	16n52	0n50	25n 3	0n56	0n47	5n15	15n31	15n48	27s14		n.a.

Julian Day Number = 202956.5, Delta T = 32h06m47s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'21, Lahiri = -61°04'20 Julian Calendar 1 Sept. 4158 BCE == Greg. Calendar 30 July 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

OCTOBER 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 28 18	6♍15'59	28♒ 2	27♍14	27♌47	23♎25	11°R15	29°R17	17♌21	1♋ 4	9♎55	10°R40	11♉44	20♑39	n.a.	T 1
W 2	22 32 14	7°17'12	10♓21	28°21	29° 3	24°12	11♒ 9	29♒12	17°25	1° 5	9°57	10♉27	11°41	20°46	n.a.	W 2
T 3	22 36 11	8°18'26	22°49	29°25	0♍19	24°58	11° 2	29° 7	17°28	1° 6	9°59	10°17	11°38	20°53	n.a.	T 3
F 4	22 40 7	9°19'41	5♈28	0♎25	1°35	25°45	10°56	29° 2	17°32	1° 7	10° 1	10° 9	11°35	21° 0	n.a.	F 4
S 5	22 44 4	10°20'58	18°16	1°20	2°51	26°31	10°50	28°57	17°36	1° 8	10° 3	10° 4	11°32	21° 6	n.a.	S 5
S 6	22 48 0	11°22'15	1♉16	2°10	4° 6	27°18	10°44	28°52	17°39	1° 9	10° 5	10° 2	11°28	21°13	n.a.	S 6
M 7	22 51 57	12°23'33	14°28	2°54	5°22	28° 4	10°38	28°47	17°43	1°10	10° 7	10°D 1	11°25	21°20	n.a.	M 7
T 8	22 55 54	13°24'52	27°54	3°31	6°38	28°50	10°32	28°43	17°46	1°11	10° 9	10° 2	11°22	21°26	n.a.	T 8
W 9	22 59 50	14°26'12	11♊36	4° 1	7°54	29°37	10°26	28°38	17°50	1°12	10°11	10°R 3	11°19	21°33	n.a.	W 9
T 10	23 3 47	15°27'32	25°34	4°22	9° 9	0♏24	10°21	28°33	17°53	1°13	10°13	10° 3	11°16	21°40	n.a.	T 10
F 11	23 7 43	16°28'54	9♋49	4°34	10°25	1°10	10°16	28°29	17°57	1°14	10°15	10° 0	11°13	21°47	n.a.	F 11
S 12	23 11 40	17°30'17	24°18	4°R36	11°41	1°57	10°11	28°24	18° 0	1°15	10°17	9°55	11° 9	21°53	n.a.	S 12
S 13	23 15 36	18°31'40	8♌58	4°28	12°57	2°43	10° 6	28°19	18° 3	1°16	10°19	9°49	11° 6	22° 0	n.a.	S 13
M14	23 19 33	19°33'04	23°43	4° 8	14°12	3°30	10° 1	28°15	18° 7	1°16	10°21	9°41	11° 3	22° 7	n.a.	M14
T 15	23 23 30	20°34'28	8♍24	3°36	15°28	4°16	9°56	28°10	18°10	1°17	10°23	9°32	11° 0	22°13	n.a.	T 15
W16	23 27 26	21°35'53	22°55	2°53	16°44	5° 3	9°52	28° 6	18°13	1°18	10°25	9°24	10°57	22°20	n.a.	W16
T 17	23 31 23	22°37'18	7♎ 8	1°59	18° 0	5°49	9°48	28° 2	18°17	1°18	10°27	9°18	10°54	22°27	n.a.	T 17
F 18	23 35 19	23°38'43	20°58	0°55	19°15	6°36	9°44	27°57	18°20	1°19	10°29	9°15	10°50	22°34	n.a.	F 18
S 19	23 39 16	24°40'09	4♏23	29♍43	20°31	7°22	9°40	27°53	18°23	1°20	10°31	9°D13	10°47	22°40	n.a.	S 19
S 20	23 43 12	25°41'34	17°23	28°25	21°47	8° 9	9°36	27°49	18°26	1°20	10°33	9°13	10°44	22°47	n.a.	S 20
M21	23 47 9	26°42'59	0♐ 1	27° 4	23° 2	8°55	9°33	27°45	18°30	1°21	10°36	9°14	10°41	22°54	n.a.	M21
T 22	23 51 6	27°44'24	12°19	25°42	24°18	9°42	9°30	27°41	18°33	1°21	10°38	9°16	10°38	23° 0	n.a.	T 22
W23	23 55 2	28°45'49	24°24	24°22	25°34	10°29	9°27	27°37	18°36	1°22	10°40	9°R17	10°34	23° 7	n.a.	W23
T 24	23 58 59	29°47'14	6♑19	23° 6	26°49	11°15	9°24	27°33	18°39	1°22	10°42	9°17	10°31	23°14	n.a.	T 24
F 25	0 2 55	0♎48'38	18°11	21°57	28° 5	12° 2	9°21	27°30	18°42	1°23	10°44	9°15	10°28	23°21	n.a.	F 25
S 26	0 6 52	1°50'02	0♒ 3	20°57	29°20	12°48	9°19	27°26	18°45	1°23	10°46	9°12	10°25	23°27	n.a.	S 26
S 27	0 10 48	2°51'25	12° 0	20° 6	0♎36	13°35	9°16	27°22	18°48	1°23	10°48	9° 6	10°22	23°34	n.a.	S 27
M28	0 14 45	3°52'48	24° 6	19°25	1°51	14°21	9°14	27°19	18°51	1°24	10°51	9° 0	10°19	23°41	n.a.	M28
T 29	0 18 42	4°54'11	6♓23	18°55	3° 7	15° 8	9°13	27°15	18°54	1°24	10°53	8°54	10°15	23°48	n.a.	T 29
W30	0 22 38	5°55'33	18°53	18°36	4°22	15°54	9°11	27°12	18°57	1°24	10°55	8°48	10°12	23°54	n.a.	W30
T 31	0 26 35	6♎56'55	1♈38	18♍26	5♎38	16♏40	9♒10	27♒ 9	19♌ 0	1♋24	10♎57	8♉42	10♉ 9	24♑ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	9n28	16s59	4s48	1s 6	2s27	13n48	1n19	10s25	1s 9	19s49	2s 0	14s49	2s59	16n51	0n50	25n 3	0n56	0n46	5n15	15n26	15n47	27s13			n.a.
W 2	9 5	11 55	4 22	1 34	2 27	13 20	1 18	10 43	1 10	19 50	2 0	14 51	2 59	16 50	0 50	25 3	0 57	0 45	5 15	15 22	15 46	27 12			n.a.
T 3	8 41	6 20	3 44	2 0	2 27	12 52	1 17	11 1	1 10	19 52	2 0	14 53	2 59	16 49	0 50	25 3	0 57	0 44	5 14	15 19	15 45	27 12			n.a.
F 4	8 18	0 25	2 53	2 23	2 26	12 23	1 16	11 19	1 10	19 53	2 0	14 55	2 59	16 48	0 50	25 3	0 57	0 43	5 14	15 17	15 44	27 11			n.a.
S 5	7 54	5n37	1 53	2 44	2 24	11 54	1 14	11 36	1 11	19 55	1 59	14 56	2 58	16 47	0 50	25 3	0 57	0 42	5 14	15 15	15 43	27 10			n.a.
S 6	7 30	11 31	0 47	3 1	2 21	11 24	1 13	11 54	1 11	19 56	1 59	14 58	2 58	16 46	0 50	25 3	0 57	0 41	5 14	15 14	15 42	27 9			n.a.
M 7	7 6	17 1	0n24	3 15	2 16	10 55	1 12	12 11	1 11	19 58	1 59	15 0	2 58	16 45	0 50	25 3	0 57	0 40	5 14	15 14	15 41	27 8			n.a.
T 8	6 42	21 47	1 34	3 26	2 11	10 25	1 10	12 29	1 12	19 59	1 58	15 1	2 58	16 43	0 50	25 3	0 57	0 39	5 14	15 14	15 40	27 8			n.a.
W 9	6 18	25 28	2 41	3 32	2 4	9 54	1 9	12 46	1 12	20 1	1 58	15 3	2 58	16 42	0 50	25 3	0 57	0 38	5 13	15 15	15 39	27 7			n.a.
T 10	5 53	27 41	3 39	3 33	1 56	9 24	1 8	13 3	1 12	20 2	1 58	15 5	2 58	16 41	0 50	25 3	0 57	0 37	5 13	15 14	15 38	27 6			n.a.
F 11	5 29	28 9	4 25	3 29	1 47	8 53	1 6	13 20	1 13	20 3	1 58	15 6	2 58	16 40	0 50	25 4	0 57	0 36	5 13	15 14	15 37	27 5			n.a.
S 12	5 4	26 42	4 55	3 20	1 35	8 22	1 4	13 37	1 13	20 4	1 57	15 8	2 58	16 39	0 50	25 4	0 57	0 36	5 13	15 12	15 36	27 4			n.a.
S 13	4 40	23 25	5 6	3 5	1 22	7 51	1 3	13 54	1 13	20 5	1 57	15 9	2 58	16 38	0 50	25 4	0 57	0 35	5 13	15 10	15 35	27 3			n.a.
M14	4 15	18 39	4 57	2 43	1 8	7 19	1 1	14 11	1 13	20 6	1 57	15 11	2 57	16 37	0 50	25 4	0 57	0 34	5 13	15 7	15 34	27 2			n.a.
T 15	3 50	12 46	4 28	2 16	0 52	6 48	0 59	14 27	1 14	20 7	1 56	15 12	2 57	16 36	0 50	25 4	0 57	0 33	5 12	15 5	15 33	27 2			n.a.
W16	3 25	6 17	3 43	1 42	0 34	6 16	0 58	14 44	1 14	20 8	1 56	15 14	2 57	16 35	0 50	25 4	0 57	0 32	5 12	15 2	15 32	27 1			n.a.
T 17	3 0	0s24	2 44	1 3	0 16	5 44	0 56	15 0	1 14	20 9	1 56	15 15	2 57	16 34	0 50	25 4	0 57	0 31	5 12	15 0	15 31	27 0			n.a.
F 18	2 35	6 55	1 37	0 19	0n 4	5 12	0 54	15 16	1 14	20 10	1 55	15 16	2 57	16 33	0 50	25 4	0 57	0 30	5 12	14 59	15 30	26 59			n.a.
S 19	2 11	12 56	0 26	0n29	0 25	4 39	0 52	15 32	1 15	20 11	1 55	15 18	2 57	16 32	0 50	25 4	0 57	0 29	5 12	14 58	15 29	26 58			n.a.
S 20	1 45	18 12	0s44	1 20	0 45	4 7	0 50	15 48	1 15	20 11	1 55	15 19	2 57	16 31	0 50	25 4	0 57	0 28	5 12	14 58	15 28	26 57			n.a.
M21	1 20	22 31	1 50	2 11	1 5	3 35	0 48	16 3	1 15	20 12	1 54	15 20	2 56	16 30	0 50	25 4	0 57	0 27	5 12	14 59	15 27	26 56			n.a.
T 22	0 55	25 43	2 50	3 2	1 24	3 2	0 46	16 19	1 15	20 12	1 54	15 22	2 56	16 29	0 50	25 4	0 57	0 26	5 11	14 59	15 26	26 55			n.a.
W23	0 30	27 40	3 40	3 51	1 42	2 29	0 44	16 34	1 15	20 13	1 54	15 23	2 56	16 28	0 50	25 4	0 57	0 25	5 11	15 0	15 25	26 54			n.a.
T 24	0 5	28 18	4 21	4 37	1 58	1 57	0 42	16 49	1 16	20 13	1 53	15 24	2 56	16 27	0 50	25 4	0 58	0 24	5 11	15 0	15 24	26 53			n.a.
F 25	0s20	27 37	4 50	5 18	2 13	1 24	0 40	17 4	1 16	20 14	1 53	15 25	2 56	16 26	0 50	25 4	0 58	0 23	5 11	14 59	15 23	26 52			n.a.
S 26	0 45	25 41	5 6	5 54	2 25	0 51	0 38	17 19	1 16	20 14	1 53	15 26	2 55	16 25	0 50	25 4	0 58	0 22	5 11	14 58	15 22	26 51			n.a.
S 27	1 10	22 37	5 10	6 24	2 35	0 18	0 36	17 34	1 16	20 14	1 52	15 27	2 55	16 24	0 50	25 4	0 58	0 21	5 11	14 56	15 21	26 50			n.a.
M28	1 35	18 33	5 0	6 47	2 43	0s14	0 34	17 48	1 16	20 15	1 52	15 28	2 55	16 23	0 50	25 4	0 58	0 20	5 11	14 54	15 20	26 49			n.a.
T 29	2 0	13 40	4 36	7 5	2 49	0 47	0 32	18 3	1 16	20 15	1 52	15 29	2 55	16 22	0 50	25 4	0 58	0 19	5 11	14 52	15 19	26 48			n.a.
W30	2 25	8 9	3 58	7 17	2 54	1 20	0 30	18 17	1 17	20 15	1 51	15 30	2 54	16 22	0 50	25 4	0 58	0 18	5 10	14 50	15 18	26 47			n.a.
T 31	2s50	2s12	3s 8	7n23	2n56	1s53	0n28	18s31	1s17	20s15	1s51	15s31	2s54	16n21	0n50	25n 4	0n58	0n17	5n10	14n48	15n17	26s46			n.a.

Julian Day Number = 202986.5, Delta T = 32h06m43s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'17, Lahiri = -61°04'16 Julian Calendar 1 Oct. 4158 BCE == Greg. Calendar 29 Aug. 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

NOVEMBER 4158 BCE (-4157) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 30 31	7♎58'16	14♈36	18°D26	6♎53	17♏27	9°R 8	27°R 6	19♌ 2	1♋24	10♎59	8°R39	10♉ 6	24♑ 8	n.a.	F 1
S 2	0 34 28	8°59'37	27°47	18♍34	8° 9	18°13	9♒ 7	27♒ 2	19° 5	1°25	11° 1	8♉37	10° 3	24°14	n.a.	S 2
S 3	0 38 24	10° 0'58	11♉11	18°51	9°24	19° 0	9° 7	27° 0	19° 8	1°25	11° 4	8°D36	9°59	24°21	n.a.	S 3
M 4	0 42 21	11° 2'19	24°46	19°15	10°40	19°46	9° 6	26°57	19°10	1°25	11° 6	8°37	9°56	24°28	n.a.	M 4
T 5	0 46 18	12° 3'39	8♊30	19°46	11°55	20°32	9° 6	26°54	19°13	1°R25	11° 8	8°38	9°53	24°35	n.a.	T 5
W 6	0 50 14	13° 4'59	22°24	20°23	13°11	21°19	9°D 6	26°51	19°16	1°25	11°10	8°40	9°50	24°41	n.a.	W 6
T 7	0 54 11	14° 6'19	6♋26	21° 5	14°26	22° 5	9° 6	26°49	19°18	1°25	11°12	8°41	9°47	24°48	n.a.	T 7
F 8	0 58 7	15° 7'38	20°35	21°52	15°41	22°51	9° 6	26°46	19°21	1°25	11°14	8°R41	9°44	24°55	n.a.	F 8
S 9	1 2 4	16° 8'57	4♌48	22°44	16°57	23°38	9° 6	26°44	19°23	1°24	11°17	8°40	9°40	25° 1	n.a.	S 9
S 10	1 6 1	17°10'16	19° 5	23°39	18°12	24°24	9° 7	26°42	19°26	1°24	11°19	8°38	9°37	25° 8	n.a.	S 10
M11	1 9 57	18°11'34	3♍20	24°38	19°27	25°10	9° 8	26°39	19°28	1°24	11°21	8°35	9°34	25°15	n.a.	M11
T 12	1 13 54	19°12'51	17°31	25°40	20°43	25°57	9° 9	26°37	19°31	1°24	11°23	8°32	9°31	25°22	n.a.	T 12
W13	1 17 50	20°14'08	1♎33	26°44	21°58	26°43	9°10	26°35	19°33	1°24	11°25	8°30	9°28	25°28	n.a.	W13
T 14	1 21 47	21°15'24	15°23	27°52	23°13	27°29	9°12	26°34	19°35	1°23	11°27	8°28	9°25	25°35	n.a.	T 14
F 15	1 25 43	22°16'39	28°55	29° 1	24°28	28°15	9°13	26°32	19°37	1°23	11°29	8°27	9°21	25°42	n.a.	F 15
S 16	1 29 40	23°17'53	12♏10	0♎12	25°44	29° 1	9°15	26°30	19°40	1°23	11°32	8°D27	9°18	25°48	n.a.	S 16
S 17	1 33 37	24°19'06	25° 5	1°26	26°59	29°47	9°17	26°29	19°42	1°22	11°34	8°27	9°15	25°55	n.a.	S 17
M18	1 37 33	25°20'17	7♐41	2°40	28°14	0♐34	9°20	26°27	19°44	1°22	11°36	8°28	9°12	26° 2	n.a.	M18
T 19	1 41 30	26°21'28	20° 1	3°57	29°29	1°20	9°22	26°26	19°46	1°21	11°38	8°29	9° 9	26° 9	n.a.	T 19
W20	1 45 26	27°22'37	2♑ 8	5°15	0♏44	2° 6	9°25	26°25	19°48	1°21	11°40	8°31	9° 5	26°15	n.a.	W20
T 21	1 49 23	28°23'45	14° 6	6°34	2° 0	2°52	9°28	26°24	19°50	1°20	11°42	8°31	9° 2	26°22	n.a.	T 21
F 22	1 53 19	29°24'51	25°59	7°54	3°15	3°38	9°31	26°23	19°52	1°20	11°44	8°R32	8°59	26°29	n.a.	F 22
S 23	1 57 16	0♏25'56	7♒51	9°16	4°30	4°24	9°34	26°22	19°53	1°19	11°46	8°32	8°56	26°36	n.a.	S 23
S 24	2 1 13	1°27'00	19°49	10°38	5°45	5°10	9°38	26°21	19°55	1°19	11°48	8°31	8°53	26°42	n.a.	S 24
M25	2 5 9	2°28'01	1♓55	12° 2	7° 0	5°56	9°41	26°21	19°57	1°18	11°50	8°31	8°50	26°49	n.a.	M25
T 26	2 9 6	3°29'01	14°15	13°26	8°15	6°42	9°45	26°20	19°59	1°17	11°53	8°30	8°46	26°56	n.a.	T 26
W27	2 13 2	4°30'00	26°51	14°52	9°30	7°27	9°49	26°20	20° 0	1°17	11°55	8°29	8°43	27° 2	n.a.	W27
T 28	2 16 59	5°30'57	9♈46	16°18	10°45	8°13	9°53	26°20	20° 2	1°16	11°57	8°29	8°40	27° 9	n.a.	T 28
F 29	2 20 55	6°31'52	23° 0	17°45	12° 0	8°59	9°58	26°D20	20° 4	1°15	11°59	8°29	8°37	27°16	n.a.	F 29
S 30	2 24 52	7♏32'46	6♉33	19♎13	13♏15	9♐45	10♒ 2	26♒20	20♌ 5	1♋14	12♎ 1	8°D29	8♉34	27♑23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s15	3n58	2s 7	7n24	2n57	2s25	0n25	18s44	1s17	20s15	1s51	15s32	2s54	16n20	0n50	25n 4	0n58	0n16	5n10	14n47	15n15	26s45		n.a.
S 2	3 40	10 4	0 59	7 21	2 57	2 58	0 23	18 58	1 17	20 15	1 50	15 33	2 54	16 19	0 50	25 4	0 58	0 15	5 10	14 46	15 14	26 44		n.a.
S 3	4 4	15 50	0n14	7 13	2 56	3 31	0 21	19 11	1 17	20 15	1 50	15 34	2 54	16 18	0 50	25 4	0 58	0 14	5 10	14 46	15 13	26 43		n.a.
M 4	4 29	20 54	1 27	7 1	2 53	4 3	0 19	19 24	1 17	20 14	1 49	15 35	2 53	16 17	0 50	25 5	0 58	0 13	5 10	14 46	15 12	26 42		n.a.
T 5	4 54	24 55	2 37	6 45	2 50	4 36	0 16	19 37	1 17	20 14	1 49	15 35	2 53	16 16	0 50	25 5	0 58	0 12	5 10	14 47	15 11	26 41		n.a.
W 6	5 18	27 31	3 37	6 27	2 46	5 8	0 14	19 50	1 17	20 14	1 49	15 36	2 53	16 16	0 50	25 5	0 58	0 11	5 10	14 47	15 10	26 40		n.a.
T 7	5 43	28 23	4 26	6 5	2 41	5 40	0 12	20 3	1 17	20 13	1 48	15 37	2 52	16 15	0 51	25 5	0 58	0 10	5 10	14 48	15 9	26 39		n.a.
F 8	6 7	27 24	4 59	5 41	2 36	6 12	0 9	20 15	1 17	20 13	1 48	15 37	2 52	16 14	0 51	25 5	0 58	0 9	5 10	14 48	15 8	26 38		n.a.
S 9	6 31	24 40	5 13	5 15	2 30	6 44	0 7	20 27	1 17	20 13	1 48	15 38	2 52	16 13	0 51	25 5	0 58	0 9	5 9	14 47	15 7	26 37		n.a.
S 10	6 56	20 24	5 9	4 47	2 24	7 16	0 5	20 39	1 17	20 12	1 47	15 39	2 52	16 13	0 51	25 5	0 58	0 8	5 9	14 47	15 6	26 36		n.a.
M11	7 20	14 59	4 46	4 17	2 18	7 47	0 2	20 51	1 17	20 11	1 47	15 39	2 51	16 12	0 51	25 5	0 58	0 7	5 9	14 46	15 5	26 35		n.a.
T 12	7 44	8 48	4 5	3 46	2 11	8 18	0s 0	21 2	1 17	20 11	1 46	15 40	2 51	16 11	0 51	25 5	0 58	0 6	5 9	14 45	15 4	26 34		n.a.
W13	8 7	2 15	3 9	3 13	2 4	8 50	0 2	21 13	1 17	20 10	1 46	15 40	2 51	16 10	0 51	25 5	0 58	0 5	5 9	14 44	15 3	26 33		n.a.
T 14	8 31	4s19	2 4	2 39	1 57	9 21	0 5	21 24	1 17	20 9	1 46	15 40	2 51	16 10	0 51	25 5	0 58	0 4	5 9	14 43	15 2	26 32		n.a.
F 15	8 55	10 35	0 52	2 4	1 49	9 51	0 7	21 35	1 17	20 8	1 45	15 41	2 50	16 9	0 51	25 5	0 59	0 3	5 9	14 43	15 1	26 31		n.a.
S 16	9 18	16 14	0s21	1 28	1 42	10 22	0 9	21 46	1 17	20 8	1 45	15 41	2 50	16 8	0 51	25 5	0 59	0 2	5 9	14 43	15 0	26 29		n.a.
S 17	9 41	21 2	1 31	0 51	1 34	10 52	0 12	21 56	1 17	20 7	1 45	15 41	2 50	16 8	0 51	25 5	0 59	0 1	5 9	14 43	14 59	26 28		n.a.
M18	10 4	24 45	2 35	0 13	1 26	11 22	0 14	22 6	1 17	20 6	1 44	15 41	2 49	16 7	0 51	25 5	0 59	0 0	5 9	14 43	14 58	26 27		n.a.
T 19	10 27	27 13	3 30	0s25	1 19	11 51	0 16	22 16	1 17	20 5	1 44	15 42	2 49	16 6	0 51	25 5	0 59	0s 1	5 9	14 44	14 57	26 26		n.a.
W20	10 50	28 21	4 15	1 4	1 11	12 21	0 19	22 26	1 17	20 4	1 43	15 42	2 49	16 6	0 51	25 5	0 59	0 2	5 9	14 44	14 56	26 25		n.a.
T 21	11 12	28 7	4 48	1 43	1 3	12 50	0 21	22 35	1 17	20 2	1 43	15 42	2 48	16 5	0 51	25 5	0 59	0 2	5 9	14 45	14 55	26 24		n.a.
F 22	11 34	26 36	5 9	2 22	0 56	13 18	0 23	22 44	1 17	20 1	1 43	15 42	2 48	16 5	0 51	25 5	0 59	0 3	5 9	14 45	14 54	26 22		n.a.
S 23	11 57	23 54	5 17	3 2	0 48	13 47	0 25	22 53	1 17	20 0	1 42	15 42	2 48	16 4	0 51	25 5	0 59	0 4	5 9	14 45	14 53	26 21		n.a.
S 24	12 18	20 11	5 10	3 43	0 40	14 15	0 28	23 1	1 17	19 59	1 42	15 42	2 48	16 4	0 51	25 5	0 59	0 5	5 8	14 45	14 52	26 20		n.a.
M25	12 40	15 35	4 51	4 23	0 33	14 42	0 30	23 10	1 17	19 57	1 42	15 42	2 47	16 3	0 51	25 6	0 59	0 6	5 8	14 44	14 51	26 19		n.a.
T 26	13 2	10 18	4 17	5 4	0 25	15 9	0 32	23 18	1 17	19 56	1 41	15 42	2 47	16 2	0 51	25 6	0 59	0 7	5 8	14 44	14 50	26 18		n.a.
W27	13 23	4 29	3 31	5 45	0 18	15 36	0 34	23 26	1 17	19 54	1 41	15 41	2 47	16 2	0 51	25 6	0 59	0 8	5 8	14 44	14 48	26 17		n.a.
T 28	13 44	1n39	2 32	6 26	0 10	16 3	0 36	23 33	1 17	19 53	1 40	15 41	2 46	16 2	0 51	25 6	0 59	0 8	5 8	14 44	14 47	26 15		n.a.
F 29	14 4	7 53	1 25	7 7	0 3	16 28	0 38	23 41	1 16	19 51	1 40	15 41	2 46	16 1	0 51	25 6	0 59	0 9	5 8	14 44	14 46	26 14		n.a.
S 30	14s25	13n55	0s11	7s48	0s 4	16s54	0s41	23s48	1s16	19s50	1s40	15s41	2s46	16n 1	0n51	25n 6	0n59	0s10	5n 8	14n44	14n45	26s13		n.a.

Julian Day Number = 203017.5, Delta T = 32h06m40s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'13, Lahiri = -61°04'12 Julian Calendar 1 Nov. 4158 BCE == Greg. Calendar 29 Sept. 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4158 BCE
geocentric

DECEMBER 4158 BCE (-4157) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 28 49	8♏33'38	20♉23	20♎42	14♏30	10♐30	10♒ 7	26♒20	20♌ 6	1°R13	12♎ 3	8°R29	8♉31	27♑29	n.a.	S 1
M 2	2 32 45	9°34'29	4♊27	22°11	15°45	11°16	10°12	26°20	20° 8	1♋13	12° 5	8♉29	8°27	27°36	n.a.	M 2
T 3	2 36 42	10°35'19	18°41	23°42	17° 0	12° 2	10°17	26°20	20° 9	1°12	12° 7	8°28	8°24	27°43	n.a.	T 3
W 4	2 40 38	11°36'07	3♋ 0	25°13	18°15	12°47	10°22	26°21	20°10	1°11	12° 9	8°28	8°21	27°49	n.a.	W 4
T 5	2 44 35	12°36'54	17°20	26°45	19°30	13°33	10°28	26°22	20°12	1°10	12°10	8°28	8°18	27°56	n.a.	T 5
F 6	2 48 32	13°37'40	1♌38	28°17	20°45	14°19	10°34	26°22	20°13	1° 9	12°12	8°27	8°15	28° 3	n.a.	F 6
S 7	2 52 28	14°38'24	15°50	29°51	21°59	15° 4	10°39	26°23	20°14	1° 8	12°14	8°D27	8°11	28°10	n.a.	S 7
S 8	2 56 25	15°39'06	29°55	1♏25	23°14	15°50	10°45	26°24	20°15	1° 7	12°16	8°27	8° 8	28°16	n.a.	S 8
M 9	3 0 21	16°39'47	13♍50	3° 0	24°29	16°35	10°51	26°25	20°16	1° 6	12°18	8°28	8° 5	28°23	n.a.	M 9
T 10	3 4 18	17°40'27	27°34	4°36	25°44	17°20	10°58	26°26	20°17	1° 5	12°20	8°29	8° 2	28°30	n.a.	T 10
W11	3 8 14	18°41'05	11♎ 7	6°12	26°59	18° 6	11° 4	26°28	20°18	1° 4	12°22	8°30	7°59	28°37	n.a.	W11
T 12	3 12 11	19°41'41	24°28	7°50	28°13	18°51	11°11	26°29	20°19	1° 3	12°24	8°30	7°56	28°43	n.a.	T 12
F 13	3 16 7	20°42'16	7♏36	9°28	29°28	19°36	11°18	26°30	20°20	1° 1	12°25	8°R31	7°52	28°50	n.a.	F 13
S 14	3 20 4	21°42'49	20°30	11° 7	0♐43	20°22	11°25	26°32	20°20	1° 0	12°27	8°31	7°49	28°57	n.a.	S 14
S 15	3 24 1	22°43'20	3♐11	12°47	1°58	21° 7	11°32	26°34	20°21	0°59	12°29	8°29	7°46	29° 3	n.a.	S 15
M16	3 27 57	23°43'49	15°39	14°28	3°12	21°52	11°39	26°36	20°22	0°58	12°31	8°28	7°43	29°10	n.a.	M16
T 17	3 31 54	24°44'17	27°55	16°10	4°27	22°37	11°46	26°38	20°22	0°57	12°32	8°25	7°40	29°17	n.a.	T 17
W18	3 35 50	25°44'42	10♑ 0	17°53	5°42	23°22	11°54	26°40	20°23	0°55	12°34	8°22	7°36	29°24	n.a.	W18
T 19	3 39 47	26°45'05	21°58	19°37	6°56	24° 7	12° 2	26°42	20°23	0°54	12°36	8°20	7°33	29°30	n.a.	T 19
F 20	3 43 43	27°45'25	3♒51	21°21	8°11	24°52	12°10	26°44	20°24	0°53	12°37	8°17	7°30	29°37	n.a.	F 20
S 21	3 47 40	28°45'44	15°43	23° 7	9°26	25°37	12°18	26°47	20°24	0°51	12°39	8°16	7°27	29°44	n.a.	S 21
S 22	3 51 37	29°46'00	27°39	24°53	10°40	26°22	12°26	26°49	20°24	0°50	12°41	8°D15	7°24	29°51	n.a.	S 22
M23	3 55 33	0♐46'13	9♓43	26°41	11°55	27° 7	12°34	26°52	20°25	0°49	12°42	8°15	7°21	29°57	n.a.	M23
T 24	3 59 30	1°46'25	22° 0	28°29	13° 9	27°52	12°42	26°54	20°25	0°47	12°44	8°16	7°17	0♒ 4	n.a.	T 24
W25	4 3 26	2°46'34	4♈35	0♐19	14°24	28°37	12°51	26°57	20°25	0°46	12°45	8°18	7°14	0°11	n.a.	W25
T 26	4 7 23	3°46'40	17°32	2° 9	15°38	29°22	13° 0	27° 0	20°25	0°44	12°47	8°20	7°11	0°17	n.a.	T 26
F 27	4 11 19	4°46'44	0♉52	4° 0	16°53	0♑ 6	13° 8	27° 3	20°R25	0°43	12°48	8°21	7° 8	0°24	n.a.	F 27
S 28	4 15 16	5°46'46	14°37	5°53	18° 7	0°51	13°17	27° 6	20°25	0°42	12°50	8°R21	7° 5	0°31	n.a.	S 28
S 29	4 19 12	6°46'46	28°46	7°46	19°22	1°36	13°26	27°10	20°25	0°40	12°51	8°19	7° 2	0°38	n.a.	S 29
M30	4 23 9	7°46'44	13♊15	9°40	20°36	2°20	13°36	27°13	20°25	0°39	12°53	8°17	6°58	0°44	n.a.	M30
T 31	4 27 6	8♐46'39	27♊57	11♐34	21♐50	3♑ 5	13♒45	27♒16	20♌25	0♋37	12♎54	8♉13	6♉55	0♒51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s45	19n24	1n 6	8s29	0s11	17s19	0s43	23s55	1s16	19s48	1s39	15s40	2s45	16n 0	0n52	25n 6	0n59	0s11	5n 8	14n44	14n44	26s12		n.a.	S 1
M 2	15 5	23 54	2 19	9 9	0 18	17 44	0 45	24 1	1 16	19 46	1 39	15 40	2 45	16 0	0 52	25 6	0 59	0 12	5 8	14 44	14 43	26 10		n.a.	M 2
T 3	15 25	27 1	3 25	9 50	0 25	18 8	0 47	24 7	1 16	19 44	1 39	15 40	2 45	15 59	0 52	25 6	0 59	0 13	5 8	14 44	14 42	26 9		n.a.	T 3
W 4	15 44	28 23	4 18	10 31	0 32	18 31	0 49	24 13	1 16	19 43	1 38	15 39	2 44	15 59	0 52	25 6	0 59	0 13	5 8	14 43	14 41	26 8		n.a.	W 4
T 5	16 3	27 50	4 56	11 11	0 38	18 54	0 51	24 19	1 16	19 41	1 38	15 39	2 44	15 59	0 52	25 6	0 59	0 14	5 8	14 43	14 40	26 7		n.a.	T 5
F 6	16 22	25 27	5 14	11 51	0 44	19 17	0 52	24 25	1 15	19 39	1 38	15 38	2 44	15 58	0 52	25 6	0 59	0 15	5 8	14 43	14 39	26 5		n.a.	F 6
S 7	16 41	21 31	5 14	12 31	0 51	19 39	0 54	24 30	1 15	19 37	1 37	15 37	2 43	15 58	0 52	25 6	0 59	0 16	5 8	14 43	14 38	26 4		n.a.	S 7
S 8	16 59	16 24	4 55	13 10	0 56	20 1	0 56	24 35	1 15	19 35	1 37	15 37	2 43	15 58	0 52	25 6	1 0	0 16	5 8	14 43	14 37	26 3		n.a.	S 8
M 9	17 17	10 29	4 19	13 50	1 2	20 22	0 58	24 40	1 15	19 33	1 37	15 36	2 43	15 57	0 52	25 6	1 0	0 17	5 8	14 43	14 36	26 1		n.a.	M 9
T 10	17 35	4 9	3 28	14 28	1 8	20 42	1 0	24 44	1 15	19 31	1 36	15 35	2 43	15 57	0 52	25 6	1 0	0 18	5 8	14 44	14 35	26 0		n.a.	T 10
W11	17 52	2s18	2 26	15 6	1 13	21 2	1 1	24 48	1 15	19 28	1 36	15 35	2 42	15 57	0 52	25 6	1 0	0 19	5 8	14 44	14 34	25 59		n.a.	W11
T 12	18 9	8 33	1 17	15 44	1 18	21 21	1 3	24 52	1 14	19 26	1 36	15 34	2 42	15 57	0 52	25 6	1 0	0 19	5 8	14 44	14 33	25 57		n.a.	T 12
F 13	18 26	14 21	0 5	16 21	1 23	21 39	1 5	24 56	1 14	19 24	1 35	15 33	2 42	15 56	0 52	25 6	1 0	0 20	5 8	14 44	14 32	25 56		n.a.	F 13
S 14	18 42	19 26	1s 6	16 58	1 27	21 57	1 6	24 59	1 14	19 22	1 35	15 32	2 41	15 56	0 52	25 6	1 0	0 21	5 8	14 44	14 31	25 55		n.a.	S 14
S 15	18 58	23 33	2 12	17 34	1 31	22 15	1 8	25 2	1 14	19 19	1 35	15 31	2 41	15 56	0 52	25 6	1 0	0 22	5 8	14 44	14 29	25 53		n.a.	S 15
M16	19 14	26 29	3 11	18 9	1 35	22 31	1 9	25 5	1 14	19 17	1 34	15 30	2 41	15 56	0 52	25 7	1 0	0 22	5 8	14 43	14 28	25 52		n.a.	M16
T 17	19 29	28 6	4 0	18 43	1 39	22 47	1 11	25 7	1 13	19 15	1 34	15 29	2 40	15 56	0 52	25 7	1 0	0 23	5 8	14 42	14 27	25 51		n.a.	T 17
W18	19 44	28 20	4 37	19 16	1 42	23 3	1 12	25 10	1 13	19 12	1 34	15 28	2 40	15 56	0 52	25 7	1 0	0 24	5 8	14 42	14 26	25 49		n.a.	W18
T 19	19 59	27 14	5 2	19 49	1 45	23 17	1 13	25 12	1 13	19 10	1 33	15 27	2 40	15 55	0 52	25 7	1 0	0 24	5 8	14 41	14 25	25 48		n.a.	T 19
F 20	20 13	24 54	5 14	20 20	1 48	23 31	1 15	25 13	1 13	19 7	1 33	15 26	2 39	15 55	0 52	25 7	1 0	0 25	5 8	14 40	14 24	25 47		n.a.	F 20
S 21	20 27	21 31	5 12	20 50	1 50	23 44	1 16	25 15	1 12	19 4	1 33	15 25	2 39	15 55	0 52	25 7	1 0	0 26	5 8	14 39	14 23	25 45		n.a.	S 21
S 22	20 40	17 15	4 57	21 20	1 52	23 57	1 17	25 16	1 12	19 2	1 32	15 24	2 39	15 55	0 52	25 7	1 0	0 26	5 8	14 39	14 22	25 44		n.a.	S 22
M23	20 53	12 16	4 29	21 47	1 53	24 9	1 18	25 17	1 12	18 59	1 32	15 23	2 38	15 55	0 53	25 7	1 0	0 27	5 8	14 39	14 21	25 42		n.a.	M23
T 24	21 6	6 43	3 48	22 14	1 54	24 20	1 19	25 17	1 12	18 56	1 32	15 21	2 38	15 55	0 53	25 7	1 0	0 27	5 8	14 40	14 20	25 41		n.a.	T 24
W25	21 18	0 47	2 55	22 39	1 54	24 30	1 20	25 18	1 11	18 53	1 32	15 20	2 38	15 55	0 53	25 7	1 0	0 28	5 8	14 40	14 19	25 40		n.a.	W25
T 26	21 30	5n21	1 52	23 3	1 54	24 40	1 21	25 18	1 11	18 51	1 31	15 19	2 38	15 55	0 53	25 7	1 0	0 29	5 8	14 41	14 18	25 38		n.a.	T 26
F 27	21 41	11 28	0 41	23 24	1 54	24 49	1 22	25 18	1 11	18 48	1 31	15 17	2 37	15 55	0 53	25 7	1 0	0 29	5 8	14 41	14 17	25 37		n.a.	F 27
S 28	21 52	17 13	0n34	23 45	1 53	24 57	1 23	25 17	1 10	18 45	1 31	15 16	2 37	15 55	0 53	25 7	1 0	0 30	5 8	14 41	14 16	25 35		n.a.	S 28
S 29	22 3	22 14	1 49	24 3	1 51	25 4	1 24	25 17	1 10	18 42	1 30	15 15	2 37	15 55	0 53	25 7	1 0	0 30	5 8	14 41	14 15	25 34		n.a.	S 29
M30	22 13	26 0	2 59	24 19	1 49	25 11	1 25	25 16	1 10	18 39	1 30	15 13	2 36	15 55	0 53	25 7	1 0	0 31	5 8	14 40	14 14	25 32		n.a.	M30
T 31	22s23	28n 4	3n58	24s34	1s46	25s16	1s25	25s14	1s10	18s36	1s30	15s12	2s36	15n56	0n53	25n 7	1n 0	0s31	5n 8	14n38	14n12	25s31		n.a.	T 31

Julian Day Number = 203047.5, Delta T = 32h06m37s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'09, Lahiri = -61°04'08 Julian Calendar 1 Dec. 4158 BCE == Greg. Calendar 29 Oct. 4158 BCE

The year -4157 astronomical counting style corresponds to year 4158 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

JANUARY 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 31 2	9♐46'33	12♋46	13♐30	23♐ 5	3♑49	13♒54	27♒20	20°R25	0°R36	12♎56	8°R 8	6♉52	0♒58	n.a.	W 1
T 2	4 34 59	10°46'24	27°33	15°26	24°19	4°34	14° 4	27°24	20♌24	0♋34	12°57	8♉ 3	6°49	1° 4	n.a.	T 2
F 3	4 38 55	11°46'14	12♌11	17°22	25°33	5°18	14°14	27°27	20°24	0°33	12°58	7°59	6°46	1°11	n.a.	F 3
S 4	4 42 52	12°46'01	26°35	19°19	26°48	6° 2	14°23	27°31	20°24	0°31	13° 0	7°57	6°42	1°18	n.a.	S 4
S 5	4 46 48	13°45'46	10♍42	21°16	28° 2	6°47	14°33	27°35	20°23	0°29	13° 1	7°D56	6°39	1°25	n.a.	S 5
M 6	4 50 45	14°45'30	24°30	23°13	29°16	7°31	14°43	27°39	20°23	0°28	13° 2	7°56	6°36	1°31	n.a.	M 6
T 7	4 54 41	15°45'11	8♎ 1	25° 9	0♑30	8°15	14°53	27°43	20°22	0°26	13° 3	7°57	6°33	1°38	n.a.	T 7
W 8	4 58 38	16°44'51	21°14	27° 5	1°45	8°59	15° 4	27°47	20°21	0°25	13° 5	7°59	6°30	1°45	n.a.	W 8
T 9	5 2 34	17°44'28	4♏12	29° 0	2°59	9°43	15°14	27°52	20°21	0°23	13° 6	8°R 0	6°27	1°52	n.a.	T 9
F 10	5 6 31	18°44'04	16°58	0♑53	4°13	10°28	15°24	27°56	20°20	0°22	13° 7	7°59	6°23	1°58	n.a.	F 10
S 11	5 10 28	19°43'37	29°32	2°45	5°27	11°12	15°35	28° 1	20°19	0°20	13° 8	7°57	6°20	2° 5	n.a.	S 11
S 12	5 14 24	20°43'08	11♐56	4°35	6°41	11°56	15°45	28° 5	20°18	0°18	13° 9	7°53	6°17	2°12	n.a.	S 12
M13	5 18 21	21°42'37	24°11	6°22	7°55	12°40	15°56	28°10	20°18	0°17	13°10	7°47	6°14	2°18	n.a.	M13
T 14	5 22 17	22°42'04	6♑18	8° 6	9° 9	13°23	16° 7	28°15	20°17	0°15	13°11	7°39	6°11	2°25	n.a.	T 14
W15	5 26 14	23°41'28	18°18	9°46	10°24	14° 7	16°18	28°19	20°16	0°13	13°12	7°30	6° 8	2°32	n.a.	W15
T 16	5 30 10	24°40'50	0♒13	11°23	11°38	14°51	16°29	28°24	20°15	0°12	13°13	7°20	6° 4	2°39	n.a.	T 16
F 17	5 34 7	25°40'10	12° 5	12°55	12°52	15°35	16°40	28°29	20°14	0°10	13°14	7°12	6° 1	2°45	n.a.	F 17
S 18	5 38 3	26°39'27	23°57	14°22	14° 6	16°19	16°51	28°34	20°13	0° 8	13°15	7° 5	5°58	2°52	n.a.	S 18
S 19	5 42 0	27°38'41	5♓51	15°44	15°20	17° 2	17° 3	28°40	20°11	0° 7	13°16	7° 1	5°55	2°59	n.a.	S 19
M20	5 45 56	28°37'53	17°53	17° 0	16°33	17°46	17°14	28°45	20°10	0° 5	13°17	6°58	5°52	3° 6	n.a.	M20
T 21	5 49 53	29°37'02	0♈ 7	18°10	17°47	18°29	17°25	28°50	20° 9	0° 4	13°18	6°D57	5°48	3°12	n.a.	T 21
W22	5 53 49	0♑36'09	12°37	19°14	19° 1	19°13	17°37	28°56	20° 8	0° 2	13°18	6°58	5°45	3°19	n.a.	W22
T 23	5 57 46	1°35'13	25°29	20°11	20°15	19°56	17°49	29° 1	20° 6	0° 0	13°19	6°59	5°42	3°26	n.a.	T 23
F 24	6 1 43	2°34'15	8♉46	21° 1	21°29	20°40	18° 0	29° 7	20° 5	29♊59	13°20	6°R59	5°39	3°32	n.a.	F 24
S 25	6 5 39	3°33'14	22°32	21°44	22°43	21°23	18°12	29°12	20° 4	29°57	13°21	6°58	5°36	3°39	n.a.	S 25
S 26	6 9 36	4°32'11	6♊46	22°19	23°56	22° 7	18°24	29°18	20° 2	29°55	13°21	6°55	5°33	3°46	n.a.	S 26
M27	6 13 32	5°31'05	21°26	22°48	25°10	22°50	18°36	29°24	20° 1	29°54	13°22	6°49	5°29	3°53	n.a.	M27
T 28	6 17 29	6°29'57	6♋26	23° 9	26°24	23°33	18°48	29°30	19°59	29°52	13°23	6°42	5°26	3°59	n.a.	T 28
W29	6 21 25	7°28'47	21°36	23°22	27°37	24°16	19° 0	29°36	19°57	29°50	13°23	6°33	5°23	4° 6	n.a.	W29
T 30	6 25 22	8°27'35	6♌47	23°R29	28°51	24°59	19°12	29°41	19°56	29°49	13°24	6°23	5°20	4°13	n.a.	T 30
F 31	6 29 18	9♑26'20	21♌48	23♑28	0♒ 4	25♑42	19♒24	29♒48	19♌54	29♊47	13♎24	6♉15	5♉17	4♒20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	22s32	28n 9	4n42	24s46	1s43	25s21	1s26	25s13	1s 9	18s33	1s30	15s10	2s36	15n56	0n53	25n 7	1n 0	0s32	5n 8	14n37	14n11	25s30			n.a.
T 2	22 41	26 14	5 6	24 56	1 39	25 26	1 26	25 11	1 9	18 30	1 29	15 9	2 35	15 56	0 53	25 7	1 0	0 32	5 8	14 35	14 10	25 28			n.a.
F 3	22 50	22 34	5 11	25 4	1 34	25 29	1 27	25 9	1 9	18 26	1 29	15 7	2 35	15 56	0 53	25 7	1 0	0 33	5 9	14 34	14 9	25 27			n.a.
S 4	22 58	17 36	4 55	25 9	1 29	25 32	1 27	25 7	1 8	18 23	1 29	15 5	2 35	15 56	0 53	25 7	1 0	0 33	5 9	14 33	14 8	25 25			n.a.
S 5	23 6	11 47	4 22	25 12	1 23	25 34	1 28	25 4	1 8	18 20	1 29	15 4	2 35	15 56	0 53	25 7	1 0	0 34	5 9	14 33	14 7	25 24			n.a.
M 6	23 13	5 30	3 34	25 12	1 16	25 35	1 28	25 1	1 8	18 17	1 28	15 2	2 34	15 57	0 53	25 7	1 0	0 34	5 9	14 33	14 6	25 22			n.a.
T 7	23 20	0s53	2 36	25 10	1 9	25 35	1 28	24 58	1 7	18 13	1 28	15 0	2 34	15 57	0 53	25 7	1 0	0 35	5 9	14 33	14 5	25 21			n.a.
W 8	23 26	7 8	1 30	25 5	1 0	25 34	1 28	24 55	1 7	18 10	1 28	14 58	2 34	15 57	0 53	25 7	1 0	0 35	5 9	14 34	14 4	25 19			n.a.
T 9	23 32	12 57	0 21	24 58	0 52	25 33	1 28	24 51	1 7	18 7	1 27	14 57	2 34	15 57	0 53	25 7	1 0	0 36	5 9	14 34	14 3	25 18			n.a.
F 10	23 37	18 9	0s48	24 49	0 42	25 31	1 28	24 48	1 6	18 3	1 27	14 55	2 33	15 57	0 53	25 7	1 1	0 36	5 9	14 34	14 2	25 16			n.a.
S 11	23 42	22 28	1 54	24 37	0 32	25 28	1 28	24 43	1 6	18 0	1 27	14 53	2 33	15 58	0 53	25 7	1 1	0 36	5 9	14 33	14 1	25 14			n.a.
S 12	23 47	25 43	2 53	24 23	0 21	25 25	1 28	24 39	1 6	17 56	1 27	14 51	2 33	15 58	0 53	25 7	1 1	0 37	5 9	14 32	14 0	25 13			n.a.
M13	23 51	27 42	3 43	24 7	0 9	25 20	1 28	24 35	1 5	17 53	1 27	14 49	2 32	15 58	0 53	25 8	1 1	0 37	5 9	14 30	13 58	25 11			n.a.
T 14	23 54	28 20	4 23	23 49	0n 3	25 15	1 28	24 30	1 5	17 49	1 26	14 47	2 32	15 59	0 54	25 8	1 1	0 37	5 9	14 27	13 57	25 10			n.a.
W15	23 57	27 36	4 50	23 29	0 16	25 9	1 27	24 25	1 5	17 46	1 26	14 45	2 32	15 59	0 54	25 8	1 1	0 38	5 9	14 24	13 56	25 8			n.a.
T 16	24 0	25 37	5 4	23 8	0 29	25 2	1 27	24 19	1 4	17 42	1 26	14 43	2 32	15 59	0 54	25 8	1 1	0 38	5 9	14 21	13 55	25 7			n.a.
F 17	24 2	22 31	5 6	22 46	0 42	24 55	1 27	24 14	1 4	17 38	1 26	14 41	2 31	16 0	0 54	25 8	1 1	0 38	5 9	14 18	13 54	25 5			n.a.
S 18	24 4	18 31	4 54	22 23	0 56	24 46	1 26	24 8	1 3	17 35	1 25	14 39	2 31	16 0	0 54	25 8	1 1	0 39	5 9	14 16	13 53	25 3			n.a.
S 19	24 5	13 46	4 29	22 0	1 10	24 37	1 26	24 2	1 3	17 31	1 25	14 37	2 31	16 1	0 54	25 8	1 1	0 39	5 9	14 14	13 52	25 2			n.a.
M20	24 6	8 28	3 52	21 36	1 24	24 28	1 25	23 56	1 3	17 27	1 25	14 35	2 31	16 1	0 54	25 8	1 1	0 39	5 9	14 13	13 51	25 0			n.a.
T 21	24 7	2 46	3 4	21 13	1 38	24 17	1 24	23 50	1 2	17 23	1 25	14 33	2 30	16 2	0 54	25 8	1 1	0 40	5 9	14 13	13 50	24 59			n.a.
W22	24 7	3n11	2 7	20 50	1 52	24 6	1 23	23 43	1 2	17 19	1 24	14 31	2 30	16 2	0 54	25 8	1 1	0 40	5 9	14 13	13 49	24 57			n.a.
T 23	24 6	9 11	1 1	20 28	2 6	23 54	1 23	23 36	1 1	17 16	1 24	14 28	2 30	16 2	0 54	25 8	1 1	0 40	5 10	14 14	13 48	24 55			n.a.
F 24	24 5	14 58	0n10	20 7	2 20	23 41	1 22	23 29	1 1	17 12	1 24	14 26	2 30	16 3	0 54	25 8	1 1	0 40	5 10	14 14	13 47	24 54			n.a.
S 25	24 4	20 15	1 22	19 48	2 33	23 28	1 21	23 22	1 1	17 8	1 24	14 24	2 29	16 3	0 54	25 8	1 1	0 41	5 10	14 13	13 45	24 52			n.a.
S 26	24 2	24 33	2 32	19 30	2 45	23 14	1 20	23 14	1 0	17 4	1 24	14 22	2 29	16 4	0 54	25 8	1 1	0 41	5 10	14 12	13 44	24 50			n.a.
M27	24 0	27 23	3 34	19 13	2 57	22 59	1 19	23 6	1 0	17 0	1 23	14 19	2 29	16 4	0 54	25 8	1 1	0 41	5 10	14 10	13 43	24 49			n.a.
T 28	23 57	28 19	4 23	18 59	3 8	22 44	1 17	22 58	0 59	16 56	1 23	14 17	2 29	16 5	0 54	25 8	1 1	0 41	5 10	14 8	13 42	24 47			n.a.
W29	23 54	27 9	4 53	18 47	3 18	22 28	1 16	22 50	0 59	16 52	1 23	14 15	2 29	16 6	0 54	25 8	1 1	0 41	5 10	14 5	13 41	24 46			n.a.
T 30	23 50	23 59	5 3	18 37	3 27	22 11	1 15	22 42	0 59	16 47	1 23	14 12	2 28	16 6	0 54	25 8	1 1	0 42	5 10	14 2	13 40	24 44			n.a.
F 31	23s46	19n14	4n52	18s29	3n35	21s54	1s14	22s33	0s58	16s43	1s23	14s10	2s28	16n 7	0n54	25n 8	1n 1	0s42	5n10	13n59	13n39	24s42			n.a.

Julian Day Number = 203078.5, Delta T = 32h06m34s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'04, Lahiri = -61°04'04 Julian Calendar 1 Jan. 4157 BCE == Greg. Calendar 29 Nov. 4158 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

FEBRUARY 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 33 15	10♉25'03	6♍30	23°R20	1♒18	26♉25	19♒37	29♒54	19°R52	29°R45	13♎25	6°R 9	5♉14	4♒26	n.a.	S 1
S 2	6 37 11	11°23'45	20°49	23♉ 6	2°32	27° 8	19°49	29°59	19♌51	29♊44	13°25	6♉ 5	5°10	4°33	n.a.	S 2
M 3	6 41 8	12°22'24	4♎42	22°46	3°45	27°51	20° 1	0♓ 6	19°49	29°42	13°26	6° 3	5° 7	4°40	n.a.	M 3
T 4	6 45 4	13°21'02	18°11	22°20	4°58	28°34	20°14	0°12	19°47	29°41	13°26	6°D 3	5° 4	4°46	n.a.	T 4
W 5	6 49 1	14°19'38	1♏17	21°49	6°12	29°17	20°26	0°19	19°45	29°39	13°26	6°R 3	5° 1	4°53	n.a.	W 5
T 6	6 52 58	15°18'12	14° 4	21°14	7°25	29°59	20°39	0°25	19°43	29°37	13°27	6° 3	4°58	5° 0	n.a.	T 6
F 7	6 56 54	16°16'44	26°35	20°35	8°39	0♒43	20°52	0°32	19°41	29°36	13°27	6° 1	4°54	5° 7	n.a.	F 7
S 8	7 0 51	17°15'14	8♐55	19°53	9°52	1°25	21° 4	0°38	19°39	29°34	13°27	5°57	4°51	5°13	n.a.	S 8
S 9	7 4 47	18°13'42	21° 5	19° 9	11° 5	2° 8	21°17	0°45	19°37	29°33	13°28	5°50	4°48	5°20	n.a.	S 9
M10	7 8 44	19°12'08	3♑ 9	18°24	12°18	2°51	21°30	0°51	19°35	29°31	13°28	5°40	4°45	5°27	n.a.	M10
T 11	7 12 40	20°10'32	15° 8	17°39	13°32	3°33	21°43	0°58	19°33	29°30	13°28	5°28	4°42	5°34	n.a.	T 11
W12	7 16 37	21° 8'54	27° 3	16°54	14°45	4°16	21°56	1° 5	19°31	29°28	13°28	5°14	4°39	5°40	n.a.	W12
T 13	7 20 33	22° 7'14	8♒55	16°11	15°58	4°58	22° 9	1°12	19°29	29°27	13°28	5° 1	4°35	5°47	n.a.	T 13
F 14	7 24 30	23° 5'32	20°47	15°30	17°11	5°41	22°22	1°19	19°27	29°25	13°28	4°48	4°32	5°54	n.a.	F 14
S 15	7 28 26	24° 3'48	2♓39	14°51	18°24	6°23	22°35	1°25	19°25	29°24	13°28	4°37	4°29	6° 0	n.a.	S 15
S 16	7 32 23	25° 2'01	14°35	14°16	19°37	7° 5	22°48	1°32	19°23	29°22	13°R28	4°28	4°26	6° 7	n.a.	S 16
M17	7 36 19	26° 0'12	26°37	13°44	20°50	7°48	23° 1	1°39	19°20	29°21	13°28	4°23	4°23	6°14	n.a.	M17
T 18	7 40 16	26°58'21	8♈50	13°17	22° 3	8°30	23°14	1°46	19°18	29°19	13°28	4°20	4°20	6°21	n.a.	T 18
W19	7 44 12	27°56'28	21°18	12°54	23°16	9°12	23°28	1°54	19°16	29°18	13°28	4°19	4°16	6°27	n.a.	W19
T 20	7 48 9	28°54'32	4♉ 5	12°36	24°29	9°54	23°41	2° 1	19°14	29°17	13°28	4°19	4°13	6°34	n.a.	T 20
F 21	7 52 5	29°52'35	17°16	12°22	25°42	10°36	23°54	2° 8	19°11	29°15	13°28	4°18	4°10	6°41	n.a.	F 21
S 22	7 56 2	0♒50'35	0♊55	12°14	26°54	11°18	24° 8	2°15	19° 9	29°14	13°28	4°17	4° 7	6°48	n.a.	S 22
S 23	7 59 59	1°48'33	15° 4	12°D11	28° 7	12° 0	24°21	2°22	19° 7	29°12	13°28	4°13	4° 4	6°54	n.a.	S 23
M24	8 3 55	2°46'29	29°40	12°12	29°20	12°42	24°34	2°30	19° 4	29°11	13°27	4° 6	4° 0	7° 1	n.a.	M24
T 25	8 7 52	3°44'23	14♋41	12°19	0♓32	13°24	24°48	2°37	19° 2	29°10	13°27	3°57	3°57	7° 8	n.a.	T 25
W26	8 11 48	4°42'15	29°57	12°30	1°45	14° 6	25° 1	2°44	19° 0	29° 9	13°27	3°47	3°54	7°14	n.a.	W26
T 27	8 15 45	5°40'06	15♌18	12°46	2°58	14°48	25°15	2°52	18°57	29° 7	13°27	3°36	3°51	7°21	n.a.	T 27
F 28	8 19 41	6°37'54	0♍32	13° 7	4°10	15°29	25°28	2°59	18°55	29° 6	13°26	3°26	3°48	7°28	n.a.	F 28
S 29	8 23 38	7♒35'41	15♍29	13♉32	5♓22	16♒11	25♒42	3♓ 7	18♌52	29♊ 5	13♎26	3♉18	3♉45	7♒35	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s41	13n25	4n22	18s24	3n42	21s36	1s12	22s24	0s58	16s39	1s22	14s 7	2s28	16n 7	0n54	25n 8	1n 1	0s42	5n10	13n57	13n38	24s40		n.a.
S 2	23 36	7 2	3 36	18 21	3 47	21 18	1 11	22 15	0 57	16 35	1 22	14 5	2 28	16 8	0 54	25 8	1 1	0 42	5 10	13 55	13 37	24 39		n.a.
M 3	23 31	0 29	2 39	18 21	3 51	20 59	1 9	22 6	0 57	16 31	1 22	14 3	2 28	16 9	0 54	25 8	1 1	0 42	5 10	13 55	13 36	24 37		n.a.
T 4	23 25	5s53	1 34	18 23	3 53	20 39	1 7	21 57	0 56	16 27	1 22	14 0	2 27	16 9	0 54	25 8	1 1	0 42	5 10	13 55	13 35	24 35		n.a.
W 5	23 19	11 51	0 25	18 27	3 53	20 19	1 6	21 47	0 56	16 22	1 22	13 58	2 27	16 10	0 54	25 8	1 1	0 42	5 10	13 55	13 33	24 34		n.a.
T 6	23 12	17 11	0s42	18 34	3 52	19 58	1 4	21 38	0 56	16 18	1 22	13 55	2 27	16 10	0 54	25 8	1 1	0 42	5 10	13 55	13 32	24 32		n.a.
F 7	23 5	21 40	1 47	18 42	3 50	19 37	1 2	21 28	0 55	16 14	1 21	13 52	2 27	16 11	0 54	25 8	1 1	0 42	5 10	13 54	13 31	24 30		n.a.
S 8	22 58	25 7	2 45	18 53	3 45	19 15	1 0	21 18	0 55	16 9	1 21	13 50	2 27	16 12	0 54	25 8	1 1	0 42	5 11	13 53	13 30	24 28		n.a.
S 9	22 50	27 22	3 34	19 5	3 39	18 52	0 59	21 7	0 54	16 5	1 21	13 47	2 26	16 12	0 54	25 8	1 1	0 42	5 11	13 50	13 29	24 27		n.a.
M10	22 42	28 18	4 14	19 19	3 32	18 29	0 57	20 57	0 54	16 0	1 21	13 45	2 26	16 13	0 54	25 8	1 1	0 42	5 11	13 47	13 28	24 25		n.a.
T 11	22 33	27 53	4 42	19 34	3 22	18 6	0 55	20 46	0 53	15 56	1 21	13 42	2 26	16 14	0 54	25 8	1 1	0 42	5 11	13 43	13 27	24 23		n.a.
W12	22 24	26 11	4 57	19 50	3 12	17 42	0 53	20 35	0 53	15 52	1 21	13 39	2 26	16 14	0 55	25 8	1 1	0 42	5 11	13 38	13 26	24 21		n.a.
T 13	22 14	23 20	4 59	20 7	3 1	17 18	0 50	20 24	0 52	15 47	1 20	13 37	2 26	16 15	0 55	25 8	1 1	0 42	5 11	13 33	13 25	24 20		n.a.
F 14	22 4	19 31	4 49	20 24	2 48	16 53	0 48	20 13	0 52	15 43	1 20	13 34	2 26	16 16	0 55	25 8	1 1	0 42	5 11	13 29	13 24	24 18		n.a.
S 15	21 54	14 55	4 25	20 42	2 34	16 28	0 46	20 2	0 51	15 38	1 20	13 31	2 25	16 17	0 55	25 8	1 1	0 42	5 11	13 25	13 23	24 16		n.a.
S 16	21 44	9 46	3 50	21 0	2 20	16 2	0 44	19 51	0 51	15 33	1 20	13 29	2 25	16 17	0 55	25 8	1 1	0 42	5 11	13 22	13 21	24 14		n.a.
M17	21 32	4 11	3 5	21 18	2 6	15 36	0 42	19 39	0 51	15 29	1 20	13 26	2 25	16 18	0 55	25 8	1 1	0 42	5 11	13 20	13 20	24 13		n.a.
T 18	21 21	1n37	2 10	21 36	1 50	15 10	0 39	19 27	0 50	15 24	1 20	13 23	2 25	16 19	0 55	25 8	1 1	0 42	5 11	13 19	13 19	24 11		n.a.
W19	21 9	7 29	1 8	21 54	1 35	14 43	0 37	19 15	0 50	15 20	1 20	13 20	2 25	16 20	0 55	25 8	1 1	0 42	5 11	13 19	13 18	24 9		n.a.
T 20	20 57	13 13	0 1	22 11	1 20	14 16	0 34	19 3	0 49	15 15	1 19	13 18	2 25	16 20	0 55	25 8	1 1	0 42	5 11	13 19	13 17	24 7		n.a.
F 21	20 45	18 33	1n 8	22 27	1 4	13 49	0 32	18 51	0 49	15 10	1 19	13 15	2 24	16 21	0 55	25 8	1 1	0 42	5 11	13 19	13 16	24 5		n.a.
S 22	20 32	23 8	2 15	22 43	0 49	13 21	0 29	18 39	0 48	15 6	1 19	13 12	2 24	16 22	0 55	25 8	1 1	0 42	5 11	13 18	13 15	24 3		n.a.
S 23	20 19	26 31	3 17	22 58	0 34	12 53	0 27	18 26	0 48	15 1	1 19	13 9	2 24	16 23	0 55	25 8	1 1	0 42	5 11	13 17	13 14	24 2		n.a.
M24	20 5	28 15	4 8	23 13	0 19	12 24	0 24	18 14	0 47	14 56	1 19	13 6	2 24	16 23	0 55	25 8	1 1	0 42	5 12	13 15	13 13	24 0		n.a.
T 25	19 52	27 58	4 43	23 26	0 5	11 56	0 22	18 1	0 47	14 51	1 19	13 3	2 24	16 24	0 55	25 8	1 1	0 41	5 12	13 11	13 12	23 58		n.a.
W26	19 37	25 36	4 59	23 39	0s 9	11 27	0 19	17 48	0 46	14 47	1 19	13 1	2 24	16 25	0 55	25 8	1 1	0 41	5 12	13 8	13 10	23 56		n.a.
T 27	19 23	21 22	4 54	23 51	0 22	10 57	0 16	17 35	0 46	14 42	1 19	12 58	2 24	16 26	0 55	25 8	1 1	0 41	5 12	13 4	13 9	23 54		n.a.
F 28	19 8	15 44	4 27	24 1	0 35	10 28	0 13	17 22	0 45	14 37	1 19	12 55	2 24	16 27	0 55	25 8	1 1	0 41	5 12	13 0	13 8	23 52		n.a.
S 29	18s53	9n17	3n43	24s11	0s47	9s58	0s11	17s 8	0s45	14s32	1s18	12s52	2s23	16n27	0n55	25n 8	1n 1	0s41	5n12	12n58	13n 7	23s50		n.a.

Julian Day Number = 203109.5, Delta T = 32h06m30s
Ecliptic obliquity = 24°06'56, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°11'00, Lahiri = -61°04'00 Julian Calendar 1 Feb. 4157 BCE == Greg. Calendar 30 Dec. 4158 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

MARCH 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 27 34	8♒33'26	0♎ 1	14♉ 1	6♓35	16♒53	25♒56	3♓14	18°R50	29°R 4	13°R25	3°R12	3♉41	7♒41	n.a.	S 1
M 2	8 31 31	9°31'10	14° 4	14°34	7°47	17°34	26° 9	3°22	18♌47	29♊ 2	13♎25	3♉10	3°38	7°48	n.a.	M 2
T 3	8 35 27	10°28'52	27°39	15°12	8°59	18°16	26°23	3°29	18°45	29° 1	13°25	3° 9	3°35	7°55	n.a.	T 3
W 4	8 39 24	11°26'33	10♏47	15°53	10°12	18°58	26°37	3°37	18°42	29° 0	13°24	3° 9	3°32	8° 2	n.a.	W 4
T 5	8 43 20	12°24'13	23°33	16°38	11°24	19°39	26°50	3°45	18°40	28°59	13°24	3° 8	3°29	8° 8	n.a.	T 5
F 6	8 47 17	13°21'52	6♐ 0	17°26	12°36	20°20	27° 4	3°52	18°37	28°58	13°23	3° 7	3°26	8°15	n.a.	F 6
S 7	8 51 14	14°19'29	18°13	18°18	13°48	21° 2	27°18	4° 0	18°35	28°57	13°22	3° 3	3°22	8°22	n.a.	S 7
S 8	8 55 10	15°17'05	0♉16	19°13	15° 0	21°43	27°32	4° 8	18°32	28°56	13°22	2°56	3°19	8°28	n.a.	S 8
M 9	8 59 7	16°14'39	12°13	20°11	16°12	22°25	27°45	4°16	18°30	28°55	13°21	2°46	3°16	8°35	n.a.	M 9
T 10	9 3 3	17°12'13	24° 6	21°13	17°24	23° 6	27°59	4°23	18°27	28°54	13°21	2°35	3°13	8°42	n.a.	T 10
W11	9 7 0	18° 9'45	5♒58	22°17	18°36	23°47	28°13	4°31	18°25	28°53	13°20	2°22	3°10	8°49	n.a.	W11
T 12	9 10 56	19° 7'15	17°50	23°24	19°48	24°28	28°27	4°39	18°22	28°52	13°19	2° 8	3° 6	8°55	n.a.	T 12
F 13	9 14 53	20° 4'44	29°44	24°34	20°59	25° 9	28°41	4°47	18°20	28°51	13°18	1°56	3° 3	9° 2	n.a.	F 13
S 14	9 18 49	21° 2'12	11♓41	25°46	22°11	25°51	28°54	4°55	18°17	28°50	13°18	1°45	3° 0	9° 9	n.a.	S 14
S 15	9 22 46	21°59'38	23°42	27° 2	23°23	26°32	29° 8	5° 2	18°15	28°49	13°17	1°37	2°57	9°15	n.a.	S 15
M16	9 26 42	22°57'02	5♈51	28°19	24°34	27°13	29°22	5°10	18°12	28°49	13°16	1°32	2°54	9°22	n.a.	M16
T 17	9 30 39	23°54'26	18° 9	29°40	25°46	27°54	29°36	5°18	18°10	28°48	13°15	1°29	2°51	9°29	n.a.	T 17
W18	9 34 36	24°51'47	0♉40	1♒ 2	26°57	28°35	29°50	5°26	18° 7	28°47	13°14	1°D28	2°47	9°36	n.a.	W18
T 19	9 38 32	25°49'08	13°28	2°28	28° 9	29°15	0♓ 4	5°34	18° 5	28°46	13°13	1°28	2°44	9°42	n.a.	T 19
F 20	9 42 29	26°46'27	26°37	3°55	29°20	29°56	0°18	5°42	18° 2	28°45	13°13	1°R29	2°41	9°49	n.a.	F 20
S 21	9 46 25	27°43'44	10♊10	5°25	0♈32	0♓37	0°32	5°50	18° 0	28°45	13°12	1°28	2°38	9°56	n.a.	S 21
S 22	9 50 22	28°41'00	24° 9	6°58	1°43	1°18	0°46	5°58	17°57	28°44	13°11	1°26	2°35	10° 3	n.a.	S 22
M23	9 54 18	29°38'15	8♋34	8°33	2°54	1°59	1° 0	6° 6	17°55	28°44	13°10	1°21	2°32	10° 9	n.a.	M23
T 24	9 58 15	0♓35'29	23°23	10°10	4° 5	2°39	1°13	6°14	17°52	28°43	13° 9	1°14	2°28	10°16	n.a.	T 24
W25	10 2 11	1°32'41	8♌29	11°49	5°16	3°20	1°27	6°22	17°50	28°42	13° 8	1° 6	2°25	10°23	n.a.	W25
T 26	10 6 8	2°29'52	23°42	13°31	6°27	4° 1	1°41	6°30	17°48	28°42	13° 7	0°57	2°22	10°29	n.a.	T 26
F 27	10 10 5	3°27'02	8♍53	15°15	7°38	4°41	1°55	6°38	17°45	28°41	13° 5	0°49	2°19	10°36	n.a.	F 27
S 28	10 14 1	4°24'11	23°51	17° 1	8°49	5°22	2° 9	6°46	17°43	28°41	13° 4	0°43	2°16	10°43	n.a.	S 28
S 29	10 17 58	5°21'19	8♎28	18°50	9°59	6° 2	2°23	6°54	17°40	28°40	13° 3	0°39	2°12	10°50	n.a.	S 29
M30	10 21 54	6°18'26	22°38	20°41	11°10	6°42	2°37	7° 2	17°38	28°40	13° 2	0°37	2° 9	10°56	n.a.	M30
T 31	10 25 51	7♓15'33	6♏20	22♒34	12♈21	7♓23	2♓51	7♓10	17♌36	28♊40	13♎ 1	0°D37	2♉ 6	11♒ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	18s38	2n31	2n45	24s19	0s58	9s28	0s 8	16s55	0s44	14s27	1s18	12s49	2s23	16n28	0n55	25n 8	1n 1	0s40	5n12	12n56	13n 6	23s49			n.a.
M 2	18 22	4s11	1 39	24 26	1 9	8 58	0 5	16 42	0 44	14 23	1 18	12 46	2 23	16 29	0 55	25 8	1 1	0 40	5 12	12 55	13 5	23 47			n.a.
T 3	18 6	10 29	0 29	24 32	1 20	8 27	0 2	16 28	0 43	14 18	1 18	12 43	2 23	16 30	0 55	25 8	1 1	0 40	5 12	12 55	13 4	23 45			n.a.
W 4	17 50	16 7	0s40	24 37	1 29	7 57	0n 1	16 14	0 43	14 13	1 18	12 40	2 23	16 31	0 55	25 8	1 1	0 40	5 12	12 55	13 3	23 43			n.a.
T 5	17 33	20 53	1 46	24 40	1 38	7 26	0 4	16 0	0 42	14 8	1 18	12 37	2 23	16 31	0 55	25 7	1 1	0 40	5 12	12 54	13 2	23 41			n.a.
F 6	17 17	24 36	2 44	24 42	1 46	6 55	0 6	15 46	0 42	14 3	1 18	12 34	2 23	16 32	0 55	25 7	1 1	0 39	5 12	12 54	13 0	23 39			n.a.
S 7	17 0	27 8	3 34	24 42	1 54	6 24	0 9	15 32	0 41	13 58	1 18	12 31	2 23	16 33	0 55	25 7	1 1	0 39	5 12	12 52	12 59	23 37			n.a.
S 8	16 42	28 20	4 14	24 41	2 1	5 53	0 12	15 18	0 41	13 53	1 18	12 28	2 23	16 34	0 55	25 7	1 1	0 39	5 12	12 50	12 58	23 35			n.a.
M 9	16 25	28 12	4 41	24 39	2 7	5 21	0 15	15 4	0 40	13 48	1 18	12 25	2 22	16 35	0 55	25 7	1 1	0 38	5 12	12 47	12 57	23 33			n.a.
T 10	16 7	26 46	4 57	24 35	2 13	4 50	0 18	14 49	0 40	13 43	1 17	12 22	2 22	16 35	0 55	25 7	1 1	0 38	5 12	12 43	12 56	23 31			n.a.
W11	15 49	24 8	5 0	24 29	2 18	4 18	0 21	14 35	0 39	13 38	1 17	12 19	2 22	16 36	0 55	25 7	1 1	0 38	5 12	12 38	12 55	23 29			n.a.
T 12	15 30	20 29	4 49	24 21	2 22	3 47	0 24	14 20	0 39	13 33	1 17	12 16	2 22	16 37	0 55	25 7	1 1	0 38	5 12	12 33	12 54	23 27			n.a.
F 13	15 12	16 1	4 26	24 12	2 26	3 15	0 27	14 6	0 38	13 28	1 17	12 13	2 22	16 38	0 55	25 7	1 1	0 37	5 12	12 29	12 53	23 25			n.a.
S 14	14 53	10 56	3 51	24 1	2 29	2 43	0 30	13 51	0 38	13 23	1 17	12 10	2 22	16 39	0 55	25 7	1 1	0 37	5 12	12 25	12 52	23 23			n.a.
S 15	14 34	5 24	3 6	23 49	2 31	2 12	0 33	13 36	0 37	13 18	1 17	12 7	2 22	16 39	0 55	25 7	1 1	0 37	5 12	12 22	12 50	23 21			n.a.
M16	14 15	0n23	2 12	23 34	2 33	1 40	0 36	13 21	0 37	13 13	1 17	12 4	2 22	16 40	0 55	25 7	1 1	0 36	5 12	12 20	12 49	23 19			n.a.
T 17	13 56	6 14	1 10	23 18	2 34	1 8	0 39	13 6	0 36	13 8	1 17	12 1	2 22	16 41	0 55	25 7	1 1	0 36	5 13	12 19	12 48	23 17			n.a.
W18	13 36	11 58	0 4	22 59	2 34	0 36	0 42	12 51	0 35	13 3	1 17	11 58	2 22	16 42	0 55	25 7	1 1	0 35	5 13	12 19	12 47	23 16			n.a.
T 19	13 16	17 20	1n 3	22 39	2 34	0 4	0 45	12 36	0 35	12 57	1 17	11 55	2 22	16 43	0 55	25 7	1 1	0 35	5 13	12 19	12 46	23 13			n.a.
F 20	12 56	22 3	2 10	22 17	2 33	0n28	0 48	12 21	0 34	12 52	1 17	11 52	2 22	16 43	0 55	25 7	1 1	0 35	5 13	12 19	12 45	23 11			n.a.
S 21	12 36	25 45	3 11	21 53	2 31	1 0	0 51	12 5	0 34	12 47	1 17	11 49	2 22	16 44	0 55	25 7	1 1	0 34	5 13	12 19	12 44	23 9			n.a.
S 22	12 16	28 1	4 2	21 27	2 29	1 32	0 54	11 50	0 33	12 42	1 17	11 46	2 22	16 45	0 55	25 7	1 1	0 34	5 13	12 18	12 43	23 7			n.a.
M23	11 55	28 30	4 40	20 59	2 26	2 3	0 57	11 35	0 33	12 37	1 17	11 43	2 22	16 46	0 55	25 7	1 1	0 34	5 13	12 16	12 41	23 5			n.a.
T 24	11 34	26 58	5 1	20 29	2 23	2 35	1 0	11 19	0 32	12 32	1 16	11 40	2 22	16 46	0 55	25 7	1 1	0 33	5 13	12 14	12 40	23 3			n.a.
W25	11 13	23 29	5 1	19 57	2 19	3 7	1 3	11 3	0 32	12 27	1 16	11 37	2 22	16 47	0 55	25 7	1 0	0 33	5 13	12 11	12 39	23 1			n.a.
T 26	10 52	18 23	4 41	19 22	2 14	3 38	1 6	10 48	0 31	12 21	1 16	11 33	2 21	16 48	0 55	25 7	1 0	0 32	5 13	12 8	12 38	22 59			n.a.
F 27	10 31	12 9	4 0	18 46	2 9	4 10	1 9	10 32	0 31	12 16	1 16	11 30	2 21	16 49	0 55	25 7	1 0	0 32	5 13	12 5	12 37	22 57			n.a.
S 28	10 10	5 18	3 3	18 7	2 3	4 41	1 12	10 16	0 30	12 11	1 16	11 27	2 21	16 49	0 55	25 7	1 0	0 31	5 13	12 3	12 36	22 55			n.a.
S 29	9 49	1s41	1 56	17 27	1 57	5 12	1 15	10 1	0 30	12 6	1 16	11 24	2 21	16 50	0 55	25 7	1 0	0 31	5 13	12 1	12 35	22 53			n.a.
M30	9 27	8 23	0 43	16 44	1 50	5 43	1 18	9 45	0 29	12 1	1 16	11 21	2 21	16 51	0 55	25 7	1 0	0 31	5 13	12 1	12 34	22 51			n.a.
T 31	9s 5	14s29	0s31	15s59	1s43	6n14	1n20	9s29	0s29	11s56	1s16	11s18	2s21	16n52	0n55	25n 7	1n 0	0s30	5n13	12n 1	12n32	22s49			n.a.

Julian Day Number = 203138.5, Delta T = 32h06m27s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'56, Lahiri = -61°03'56 Julian Calendar 1 March 4157 BCE == Greg. Calendar 28 Jan. 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

APRIL 4157 BCE (-4156) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 29 47	8♓12'39	19♏34	24♒30	13♈31	8♓ 3	3♓ 5	7♓18	17°R33	28°R39	13°R 0	0♉38	2♉ 3	11♒10	n.a.	W 1
T 2	10 33 44	9° 9'45	2♐24	26°27	14°42	8°44	3°18	7°26	17♌31	28♊39	12♎59	0°39	2° 0	11°17	n.a.	T 2
F 3	10 37 40	10° 6'51	14°53	28°27	15°52	9°24	3°32	7°34	17°29	28°39	12°57	0°R39	1°57	11°23	n.a.	F 3
S 4	10 41 37	11° 3'56	27° 6	0♓28	17° 2	10° 4	3°46	7°42	17°27	28°38	12°56	0°37	1°53	11°30	n.a.	S 4
S 5	10 45 34	12° 1'01	9♑ 8	2°32	18°13	10°44	4° 0	7°50	17°24	28°38	12°55	0°34	1°50	11°37	n.a.	S 5
M 6	10 49 30	12°58'05	21° 3	4°37	19°23	11°25	4°14	7°58	17°22	28°38	12°54	0°29	1°47	11°43	n.a.	M 6
T 7	10 53 27	13°55'09	2♒55	6°43	20°33	12° 5	4°28	8° 6	17°20	28°38	12°52	0°21	1°44	11°50	n.a.	T 7
W 8	10 57 23	14°52'13	14°46	8°51	21°43	12°45	4°41	8°14	17°18	28°38	12°51	0°13	1°41	11°57	n.a.	W 8
T 9	11 1 20	15°49'16	26°40	11° 1	22°53	13°25	4°55	8°22	17°16	28°38	12°50	0° 5	1°37	12° 4	n.a.	T 9
F 10	11 5 16	16°46'18	8♓39	13°11	24° 3	14° 5	5° 9	8°30	17°14	28°38	12°48	29♈57	1°34	12°10	n.a.	F 10
S 11	11 9 13	17°43'21	20°43	15°21	25°12	14°45	5°23	8°38	17°12	28°37	12°47	29°51	1°31	12°17	n.a.	S 11
S 12	11 13 10	18°40'22	2♈55	17°32	26°22	15°25	5°36	8°46	17°10	28°D37	12°46	29°46	1°28	12°24	n.a.	S 12
M13	11 17 6	19°37'24	15°15	19°44	27°32	16° 5	5°50	8°53	17° 8	28°38	12°44	29°43	1°25	12°30	n.a.	M13
T 14	11 21 3	20°34'25	27°46	21°55	28°41	16°45	6° 4	9° 1	17° 6	28°38	12°43	29°D42	1°22	12°37	n.a.	T 14
W15	11 24 59	21°31'25	10♉30	24° 5	29°51	17°25	6°17	9° 9	17° 4	28°38	12°42	29°42	1°18	12°44	n.a.	W15
T 16	11 28 56	22°28'25	23°28	26°15	1♉ 0	18° 4	6°31	9°17	17° 2	28°38	12°40	29°44	1°15	12°51	n.a.	T 16
F 17	11 32 52	23°25'25	6♊42	28°24	2° 9	18°44	6°45	9°25	17° 0	28°38	12°39	29°45	1°12	12°57	n.a.	F 17
S 18	11 36 49	24°22'24	20°16	0♈32	3°18	19°24	6°58	9°33	16°58	28°38	12°37	29°R46	1° 9	13° 4	n.a.	S 18
S 19	11 40 46	25°19'22	4♋ 9	2°39	4°28	20° 4	7°12	9°41	16°56	28°38	12°36	29°46	1° 6	13°11	n.a.	S 19
M20	11 44 42	26°16'21	18°23	4°44	5°37	20°43	7°25	9°48	16°55	28°39	12°35	29°44	1° 3	13°18	n.a.	M20
T 21	11 48 39	27°13'19	2♌55	6°48	6°45	21°23	7°39	9°56	16°53	28°39	12°33	29°41	0°59	13°24	n.a.	T 21
W22	11 52 35	28°10'16	17°41	8°50	7°54	22° 3	7°52	10° 4	16°51	28°39	12°32	29°37	0°56	13°31	n.a.	W22
T 23	11 56 32	29° 7'13	2♍34	10°50	9° 3	22°42	8° 5	10°12	16°50	28°40	12°30	29°33	0°53	13°38	n.a.	T 23
F 24	12 0 28	0♈ 4'10	17°27	12°48	10°11	23°22	8°19	10°19	16°48	28°40	12°29	29°29	0°50	13°44	n.a.	F 24
S 25	12 4 25	1° 1'07	2♎12	14°44	11°20	24° 1	8°32	10°27	16°46	28°40	12°27	29°26	0°47	13°51	n.a.	S 25
S 26	12 8 22	1°58'04	16°40	16°39	12°28	24°41	8°45	10°35	16°45	28°41	12°26	29°24	0°43	13°58	n.a.	S 26
M27	12 12 18	2°55'01	0♏47	18°31	13°36	25°20	8°59	10°42	16°43	28°41	12°24	29°D24	0°40	14° 5	n.a.	M27
T 28	12 16 15	3°51'59	14°29	20°21	14°44	26° 0	9°12	10°50	16°42	28°42	12°23	29°24	0°37	14°11	n.a.	T 28
W29	12 20 11	4°48'57	27°47	22° 9	15°52	26°39	9°25	10°58	16°41	28°42	12°21	29°26	0°34	14°18	n.a.	W29
T 30	12 24 8	5♈45'55	10♐40	23♈55	17♉ 0	27♓18	9♓38	11♓ 5	16♌39	28♊43	12♎20	29♈27	0♉31	14♒25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8 s43	19 s43	1 s40	15 s13	1 s35	6n45	1n23	9 s13	0 s28	11 s50	1 s16	11 s15	2 s21	16n52	0n55	25n 7	1n 0	0 s30	5n13	12n 1	12n31	22 s47		n.a.
T 2	8 21	23 52	2 42	14 24	1 26	7 16	1 26	8 57	0 27	11 45	1 16	11 12	2 21	16 53	0 55	25 7	1 0	0 29	5 13	12 1	12 30	22 45		n.a.
F 3	7 59	26 47	3 35	13 33	1 18	7 46	1 29	8 41	0 27	11 40	1 16	11 9	2 21	16 54	0 55	25 7	1 0	0 29	5 13	12 1	12 29	22 43		n.a.
S 4	7 37	28 21	4 16	12 41	1 8	8 16	1 31	8 25	0 26	11 35	1 16	11 6	2 21	16 54	0 55	25 7	1 0	0 28	5 13	12 1	12 28	22 41		n.a.
S 5	7 15	28 33	4 46	11 47	0 59	8 47	1 34	8 9	0 26	11 30	1 16	11 3	2 21	16 55	0 55	25 7	1 0	0 28	5 13	12 0	12 27	22 38		n.a.
M 6	6 52	27 24	5 3	10 51	0 49	9 16	1 36	7 52	0 25	11 24	1 16	11 0	2 21	16 56	0 55	25 7	1 0	0 27	5 13	11 58	12 26	22 36		n.a.
T 7	6 30	25 1	5 7	9 53	0 39	9 46	1 39	7 36	0 25	11 19	1 16	10 57	2 21	16 56	0 55	25 7	1 0	0 27	5 13	11 55	12 25	22 34		n.a.
W 8	6 7	21 35	4 57	8 55	0 29	10 15	1 41	7 20	0 24	11 14	1 16	10 53	2 21	16 57	0 54	25 7	1 0	0 26	5 13	11 52	12 23	22 32		n.a.
T 9	5 45	17 16	4 35	7 55	0 18	10 44	1 44	7 4	0 24	11 9	1 16	10 50	2 21	16 58	0 54	25 7	1 0	0 26	5 13	11 49	12 22	22 30		n.a.
F 10	5 22	12 15	4 1	6 54	0 8	11 13	1 46	6 47	0 23	11 4	1 16	10 47	2 21	16 58	0 54	25 7	1 0	0 25	5 13	11 46	12 21	22 28		n.a.
S 11	4 59	6 45	3 15	5 53	0n 3	11 42	1 49	6 31	0 22	10 58	1 16	10 44	2 21	16 59	0 54	25 7	1 0	0 25	5 12	11 44	12 20	22 26		n.a.
S 12	4 36	0 56	2 20	4 51	0 13	12 10	1 51	6 14	0 22	10 53	1 16	10 41	2 21	16 59	0 54	25 7	1 0	0 24	5 12	11 42	12 19	22 24		n.a.
M13	4 13	4n59	1 18	3 49	0 24	12 38	1 53	5 58	0 21	10 48	1 16	10 38	2 21	17 0	0 54	25 7	1 0	0 24	5 12	11 41	12 18	22 21		n.a.
T 14	3 50	10 49	0 10	2 47	0 34	13 6	1 55	5 42	0 21	10 43	1 16	10 35	2 21	17 1	0 54	25 7	1 0	0 23	5 12	11 41	12 17	22 19		n.a.
W15	3 27	16 18	0n58	1 45	0 43	13 33	1 57	5 25	0 20	10 38	1 16	10 32	2 22	17 1	0 54	25 7	1 0	0 23	5 12	11 41	12 15	22 17		n.a.
T 16	3 4	21 11	2 6	0 44	0 53	14 0	1 59	5 9	0 20	10 32	1 16	10 29	2 22	17 2	0 54	25 7	1 0	0 22	5 12	11 41	12 14	22 15		n.a.
F 17	2 41	25 7	3 8	0n17	1 2	14 27	2 1	4 52	0 19	10 27	1 16	10 26	2 22	17 2	0 54	25 7	1 0	0 22	5 12	11 42	12 13	22 13		n.a.
S 18	2 18	27 45	4 1	1 17	1 10	14 53	2 3	4 36	0 19	10 22	1 16	10 23	2 22	17 3	0 54	25 7	1 0	0 21	5 12	11 42	12 12	22 11		n.a.
S 19	1 55	28 44	4 41	2 17	1 18	15 19	2 5	4 19	0 18	10 17	1 16	10 20	2 22	17 3	0 54	25 7	1 0	0 21	5 12	11 42	12 11	22 8		n.a.
M20	1 31	27 51	5 6	3 14	1 26	15 45	2 7	4 3	0 17	10 12	1 16	10 17	2 22	17 4	0 54	25 7	1 0	0 20	5 12	11 41	12 10	22 6		n.a.
T 21	1 8	25 5	5 11	4 11	1 33	16 10	2 9	3 46	0 17	10 7	1 16	10 14	2 22	17 4	0 54	25 7	1 0	0 20	5 12	11 40	12 9	22 4		n.a.
W22	0 45	20 39	4 56	5 6	1 39	16 35	2 10	3 29	0 16	10 1	1 16	10 11	2 22	17 5	0 54	25 6	1 0	0 19	5 12	11 39	12 8	22 2		n.a.
T 23	0 22	14 54	4 22	6 0	1 45	16 59	2 12	3 13	0 16	9 56	1 16	10 8	2 22	17 5	0 54	25 6	1 0	0 19	5 12	11 37	12 6	21 59		n.a.
F 24	0n 2	8 17	3 29	6 53	1 50	17 23	2 13	2 56	0 15	9 51	1 16	10 5	2 22	17 6	0 54	25 6	1 0	0 18	5 12	11 36	12 5	21 57		n.a.
S 25	0 25	1 17	2 23	7 43	1 55	17 47	2 14	2 40	0 15	9 46	1 16	10 2	2 22	17 6	0 54	25 6	1 0	0 17	5 12	11 35	12 4	21 55		n.a.
S 26	0 48	5 s40	1 9	8 32	1 59	18 10	2 16	2 23	0 14	9 41	1 16	9 59	2 22	17 7	0 54	25 6	1 0	0 17	5 12	11 34	12 3	21 53		n.a.
M27	1 11	12 11	0 s 8	9 19	2 2	18 32	2 17	2 7	0 14	9 36	1 16	9 56	2 22	17 7	0 54	25 6	1 0	0 16	5 12	11 34	12 2	21 51		n.a.
T 28	1 35	17 56	1 22	10 5	2 5	18 54	2 18	1 50	0 13	9 31	1 16	9 54	2 22	17 8	0 54	25 6	1 0	0 16	5 12	11 34	12 1	21 48		n.a.
W29	1 58	22 39	2 29	10 49	2 7	19 16	2 19	1 33	0 12	9 26	1 16	9 51	2 22	17 8	0 54	25 6	1 0	0 15	5 11	11 35	12 0	21 46		n.a.
T 30	2n21	26 s 6	3 s27	11n30	2n 8	19n37	2n20	1 s17	0 s12	9 s21	1 s16	9 s48	2 s22	17n 8	0n54	25n 6	1n 0	0 s15	5n11	11n35	11n58	21 s44		n.a.

Julian Day Number = 203169.5, Delta T = 32h06m24s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'52, Lahiri = -61°03'52 Julian Calendar 1 Apr. 4157 BCE == Greg. Calendar 28 Feb. 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

MAY 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 28 4	6♈42'54	23♐13	25♈39	18♉ 8	27♓58	9♓51	11♓13	16°R38	28♊44	12°R18	29♈28	0♉28	14♒31	n.a.	F 1
S 2	12 32 1	7°39'54	5♑29	27°21	19°15	28°37	10° 4	11°20	16♌37	28°44	12♎17	29°R29	0°24	14°38	n.a.	S 2
S 3	12 35 58	8°36'54	17°33	29° 1	20°23	29°16	10°17	11°28	16°35	28°45	12°15	29°29	0°21	14°45	n.a.	S 3
M 4	12 39 54	9°33'55	29°29	0♉38	21°30	29°55	10°30	11°35	16°34	28°46	12°14	29°27	0°18	14°52	n.a.	M 4
T 5	12 43 51	10°30'56	11♒21	2°14	22°37	0♈35	10°43	11°42	16°33	28°46	12°12	29°25	0°15	14°58	n.a.	T 5
W 6	12 47 47	11°27'58	23°14	3°48	23°44	1°14	10°56	11°50	16°32	28°47	12°10	29°23	0°12	15° 5	n.a.	W 6
T 7	12 51 44	12°25'01	5♓11	5°19	24°51	1°53	11° 9	11°57	16°31	28°48	12° 9	29°20	0° 8	15°12	n.a.	T 7
F 8	12 55 40	13°22'04	17°15	6°48	25°58	2°32	11°22	12° 4	16°30	28°49	12° 7	29°18	0° 5	15°19	n.a.	F 8
S 9	12 59 37	14°19'08	29°29	8°16	27° 5	3°11	11°34	12°11	16°29	28°49	12° 6	29°16	0° 2	15°25	n.a.	S 9
S 10	13 3 34	15°16'13	11♈53	9°41	28°11	3°50	11°47	12°19	16°28	28°50	12° 4	29°15	29♈59	15°32	n.a.	S 10
M11	13 7 30	16°13'18	24°30	11° 3	29°18	4°29	12° 0	12°26	16°27	28°51	12° 3	29°D14	29°56	15°39	n.a.	M11
T 12	13 11 27	17°10'24	7♉20	12°24	0♊24	5° 8	12°12	12°33	16°26	28°52	12° 1	29°14	29°53	15°45	n.a.	T 12
W13	13 15 23	18° 7'31	20°24	13°42	1°30	5°47	12°25	12°40	16°26	28°53	12° 0	29°15	29°49	15°52	n.a.	W13
T 14	13 19 20	19° 4'38	3♊40	14°58	2°36	6°26	12°37	12°47	16°25	28°54	11°58	29°15	29°46	15°59	n.a.	T 14
F 15	13 23 17	20° 1'46	17°11	16°12	3°42	7° 5	12°49	12°54	16°24	28°55	11°57	29°16	29°43	16° 6	n.a.	F 15
S 16	13 27 13	20°58'54	0♋55	17°23	4°47	7°44	13° 2	13° 1	16°24	28°56	11°55	29°17	29°40	16°12	n.a.	S 16
S 17	13 31 10	21°56'03	14°52	18°31	5°53	8°23	13°14	13° 8	16°23	28°57	11°54	29°17	29°37	16°19	n.a.	S 17
M18	13 35 6	22°53'12	29° 1	19°37	6°58	9° 2	13°26	13°14	16°22	28°58	11°52	29°R17	29°34	16°26	n.a.	M18
T 19	13 39 3	23°50'22	13♌19	20°40	8° 3	9°41	13°38	13°21	16°22	29° 0	11°51	29°17	29°30	16°32	n.a.	T 19
W20	13 42 59	24°47'33	27°44	21°41	9° 8	10°19	13°50	13°28	16°22	29° 1	11°49	29°17	29°27	16°39	n.a.	W20
T 21	13 46 56	25°44'44	12♍13	22°38	10°12	10°58	14° 2	13°35	16°21	29° 2	11°48	29°16	29°24	16°46	n.a.	T 21
F 22	13 50 53	26°41'55	26°39	23°32	11°17	11°37	14°14	13°41	16°21	29° 3	11°46	29°16	29°21	16°53	n.a.	F 22
S 23	13 54 49	27°39'08	10♎59	24°23	12°21	12°15	14°26	13°48	16°21	29° 4	11°45	29°16	29°18	16°59	n.a.	S 23
S 24	13 58 46	28°36'22	25° 7	25°11	13°25	12°54	14°38	13°54	16°20	29° 6	11°43	29°16	29°14	17° 6	n.a.	S 24
M25	14 2 42	29°33'37	9♏ 0	25°56	14°29	13°33	14°49	14° 1	16°20	29° 7	11°42	29°16	29°11	17°13	n.a.	M25
T 26	14 6 39	0♉30'53	22°33	26°36	15°32	14°11	15° 1	14° 7	16°20	29° 8	11°40	29°16	29° 8	17°19	n.a.	T 26
W27	14 10 35	1°28'10	5♐46	27°13	16°36	14°50	15°13	14°13	16°20	29°10	11°39	29°16	29° 5	17°26	n.a.	W27
T 28	14 14 32	2°25'29	18°38	27°46	17°39	15°29	15°24	14°20	16°D20	29°11	11°38	29°15	29° 2	17°33	n.a.	T 28
F 29	14 18 29	3°22'49	1♑12	28°15	18°41	16° 7	15°35	14°26	16°20	29°13	11°36	29°15	28°59	17°40	n.a.	F 29
S 30	14 22 25	4°20'10	13°30	28°40	19°44	16°46	15°47	14°32	16°20	29°14	11°35	29°14	28°55	17°46	n.a.	S 30
S 31	14 26 22	5♉17'33	25♑35	29♉ 0	20♊46	17♈24	15♓58	14♓38	16♌20	29♊15	11♎34	29♈14	28♈52	17♒53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n44	28s10	4s14	12n10	2n 9	19n58	2n21	1s 0	0s11	9s16	1s16	9s45	2s23	17n 9	0n54	25n 6	1n 0	0s14	5n11	11n36	11n57	21s42		n.a.
S 2	3 7	28 47	4 47	12 49	2 9	20 18	2 22	0 44	0 11	9 11	1 16	9 42	2 23	17 9	0 54	25 6	1 0	0 14	5 11	11 36	11 56	21 39		n.a.
S 3	3 31	28 0	5 8	13 25	2 8	20 37	2 22	0 27	0 10	9 6	1 16	9 39	2 23	17 9	0 54	25 6	1 0	0 13	5 11	11 36	11 55	21 37		n.a.
M 4	3 54	25 57	5 14	14 0	2 7	20 56	2 23	0 11	0 10	9 0	1 16	9 36	2 23	17 10	0 54	25 6	1 0	0 13	5 11	11 35	11 54	21 35		n.a.
T 5	4 17	22 46	5 8	14 33	2 6	21 15	2 23	0n 6	0 9	8 55	1 16	9 34	2 23	17 10	0 54	25 6	1 0	0 12	5 11	11 35	11 53	21 32		n.a.
W 6	4 39	18 40	4 48	15 4	2 3	21 33	2 23	0 23	0 8	8 51	1 16	9 31	2 23	17 10	0 54	25 6	1 0	0 12	5 11	11 34	11 52	21 30		n.a.
T 7	5 2	13 49	4 15	15 33	2 1	21 50	2 24	0 39	0 8	8 46	1 16	9 28	2 23	17 11	0 53	25 6	1 0	0 11	5 11	11 33	11 50	21 28		n.a.
F 8	5 25	8 24	3 31	16 0	1 57	22 7	2 24	0 56	0 7	8 41	1 16	9 25	2 23	17 11	0 53	25 6	1 0	0 11	5 11	11 32	11 49	21 25		n.a.
S 9	5 48	2 36	2 37	16 26	1 53	22 23	2 24	1 12	0 7	8 36	1 17	9 23	2 23	17 11	0 53	25 6	1 0	0 10	5 11	11 31	11 48	21 23		n.a.
S 10	6 11	3n23	1 34	16 50	1 49	22 39	2 24	1 28	0 6	8 31	1 17	9 20	2 23	17 11	0 53	25 6	1 0	0 10	5 10	11 31	11 47	21 21		n.a.
M11	6 33	9 21	0 26	17 12	1 44	22 54	2 23	1 45	0 5	8 26	1 17	9 17	2 24	17 12	0 53	25 6	1 0	0 9	5 10	11 31	11 46	21 19		n.a.
T 12	6 56	15 3	0n45	17 32	1 38	23 8	2 23	2 1	0 5	8 21	1 17	9 14	2 24	17 12	0 53	25 6	1 0	0 9	5 10	11 31	11 45	21 16		n.a.
W13	7 18	20 11	1 54	17 51	1 32	23 22	2 23	2 18	0 4	8 16	1 17	9 12	2 24	17 12	0 53	25 6	1 0	0 8	5 10	11 31	11 43	21 14		n.a.
T 14	7 40	24 25	2 59	18 8	1 25	23 35	2 22	2 34	0 4	8 11	1 17	9 9	2 24	17 12	0 53	25 6	1 0	0 8	5 10	11 31	11 42	21 12		n.a.
F 15	8 3	27 23	3 55	18 23	1 18	23 48	2 21	2 50	0 3	8 6	1 17	9 6	2 24	17 12	0 53	25 6	1 0	0 7	5 10	11 31	11 41	21 9		n.a.
S 16	8 25	28 45	4 39	18 37	1 10	24 0	2 21	3 7	0 3	8 2	1 17	9 4	2 24	17 13	0 53	25 6	0 59	0 7	5 10	11 32	11 40	21 7		n.a.
S 17	8 47	28 20	5 6	18 49	1 2	24 11	2 20	3 23	0 2	7 57	1 17	9 1	2 24	17 13	0 53	25 6	0 59	0 6	5 10	11 32	11 39	21 4		n.a.
M18	9 9	26 5	5 16	18 59	0 54	24 22	2 19	3 39	0 1	7 52	1 17	8 59	2 24	17 13	0 53	25 6	0 59	0 6	5 9	11 32	11 38	21 2		n.a.
T 19	9 30	22 11	5 7	19 8	0 44	24 32	2 17	3 55	0 1	7 47	1 17	8 56	2 25	17 13	0 53	25 6	0 59	0 5	5 9	11 32	11 37	21 0		n.a.
W20	9 52	16 56	4 38	19 15	0 35	24 41	2 16	4 12	0 0	7 43	1 17	8 54	2 25	17 13	0 53	25 6	0 59	0 5	5 9	11 32	11 35	20 57		n.a.
T 21	10 13	10 43	3 52	19 21	0 25	24 50	2 15	4 28	0n 0	7 38	1 17	8 51	2 25	17 13	0 53	25 6	0 59	0 4	5 9	11 31	11 34	20 55		n.a.
F 22	10 35	3 58	2 51	19 25	0 14	24 58	2 13	4 44	0 1	7 33	1 17	8 49	2 25	17 13	0 53	25 6	0 59	0 4	5 9	11 31	11 33	20 53		n.a.
S 23	10 56	2s57	1 40	19 27	0 4	25 5	2 11	5 0	0 1	7 29	1 17	8 46	2 25	17 13	0 53	25 6	0 59	0 3	5 9	11 31	11 32	20 50		n.a.
S 24	11 17	9 38	0 23	19 28	0s 8	25 12	2 10	5 16	0 2	7 24	1 18	8 44	2 25	17 13	0 53	25 6	0 59	0 3	5 9	11 31	11 31	20 48		n.a.
M25	11 38	15 44	0s54	19 28	0 19	25 18	2 8	5 32	0 3	7 20	1 18	8 41	2 26	17 13	0 53	25 6	0 59	0 3	5 8	11 31	11 30	20 45		n.a.
T 26	11 58	20 57	2 5	19 26	0 32	25 23	2 5	5 48	0 3	7 15	1 18	8 39	2 26	17 13	0 53	25 6	0 59	0 2	5 8	11 31	11 28	20 43		n.a.
W27	12 19	24 58	3 9	19 23	0 44	25 28	2 3	6 4	0 4	7 11	1 18	8 37	2 26	17 13	0 53	25 6	0 59	0 2	5 8	11 31	11 27	20 41		n.a.
T 28	12 39	27 36	4 1	19 18	0 57	25 32	2 1	6 20	0 4	7 6	1 18	8 34	2 26	17 13	0 53	25 6	0 59	0 1	5 8	11 31	11 26	20 38		n.a.
F 29	12 59	28 46	4 39	19 12	1 10	25 35	1 58	6 35	0 5	7 2	1 18	8 32	2 26	17 13	0 52	25 6	0 59	0 1	5 8	11 31	11 25	20 36		n.a.
S 30	13 19	28 27	5 5	19 5	1 23	25 38	1 56	6 51	0 6	6 57	1 18	8 30	2 26	17 13	0 52	25 6	0 59	0 1	5 8	11 31	11 24	20 33		n.a.
S 31	13n39	26s47	5s16	18n56	1s36	25n40	1n53	7n 7	0n 6	6s53	1s18	8s27	2s27	17n13	0n52	25n 6	0n59	0s 0	5n 7	11n31	11n23	20s31		n.a.

Julian Day Number = 203199.5, Delta T = 32h06m21s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'48, Lahiri = -61°03'48 Julian Calendar 1 May 4157 BCE == Greg. Calendar 29 March 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

JUNE 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 30 18	6♉14'58	7♒32	29♉15	21♊48	18♈ 3	16♓ 9	14♓44	16♌21	29♊17	11°R32	29°D14	28♈49	18♒ 0	n.a.	M 1
T 2	14 34 15	7°12'24	19°25	29°25	22°50	18°41	16°20	14°50	16°21	29°18	11♎31	29♈14	28°46	18° 6	n.a.	T 2
W 3	14 38 11	8° 9'52	1♓19	29°31	23°51	19°20	16°31	14°56	16°21	29°20	11°29	29°15	28°43	18°13	n.a.	W 3
T 4	14 42 8	9° 7'21	13°18	29°R31	24°53	19°58	16°42	15° 2	16°22	29°22	11°28	29°16	28°40	18°20	n.a.	T 4
F 5	14 46 5	10° 4'52	25°26	29°26	25°53	20°36	16°53	15° 7	16°22	29°23	11°27	29°17	28°36	18°27	n.a.	F 5
S 6	14 50 1	11° 2'24	7♈48	29°15	26°54	21°15	17° 3	15°13	16°22	29°25	11°26	29°17	28°33	18°33	n.a.	S 6
S 7	14 53 58	11°59'59	20°24	28°59	27°54	21°53	17°14	15°19	16°23	29°26	11°24	29°18	28°30	18°40	n.a.	S 7
M 8	14 57 54	12°57'35	3♉18	28°38	28°54	22°31	17°24	15°24	16°24	29°28	11°23	29°R18	28°27	18°47	n.a.	M 8
T 9	15 1 51	13°55'12	16°29	28°11	29°54	23°10	17°35	15°30	16°24	29°30	11°22	29°18	28°24	18°53	n.a.	T 9
W10	15 5 47	14°52'51	29°56	27°40	0♋53	23°48	17°45	15°35	16°25	29°31	11°21	29°16	28°20	19° 0	n.a.	W10
T 11	15 9 44	15°50'32	13♊39	27° 4	1°52	24°26	17°55	15°40	16°26	29°33	11°19	29°14	28°17	19° 7	n.a.	T 11
F 12	15 13 41	16°48'14	27°34	26°23	2°50	25° 4	18° 5	15°46	16°26	29°35	11°18	29°12	28°14	19°14	n.a.	F 12
S 13	15 17 37	17°45'58	11♋39	25°39	3°48	25°43	18°15	15°51	16°27	29°37	11°17	29°10	28°11	19°20	n.a.	S 13
S 14	15 21 34	18°43'43	25°50	24°51	4°46	26°21	18°25	15°56	16°28	29°38	11°16	29° 8	28° 8	19°27	n.a.	S 14
M15	15 25 30	19°41'29	10♌ 3	24° 2	5°43	26°59	18°35	16° 1	16°29	29°40	11°15	29° 7	28° 5	19°34	n.a.	M15
T 16	15 29 27	20°39'17	24°17	23°10	6°40	27°37	18°45	16° 6	16°30	29°42	11°14	29°D 7	28° 1	19°41	n.a.	T 16
W17	15 33 23	21°37'06	8♍28	22°19	7°37	28°15	18°54	16°11	16°31	29°44	11°13	29° 7	27°58	19°47	n.a.	W17
T 18	15 37 20	22°34'56	22°35	21°27	8°32	28°53	19° 4	16°15	16°32	29°46	11°12	29° 9	27°55	19°54	n.a.	T 18
F 19	15 41 17	23°32'48	6♎36	20°37	9°28	29°31	19°13	16°20	16°33	29°48	11°11	29°10	27°52	20° 1	n.a.	F 19
S 20	15 45 13	24°30'42	20°28	19°50	10°23	0♉ 9	19°22	16°25	16°34	29°49	11°10	29°11	27°49	20° 7	n.a.	S 20
S 21	15 49 10	25°28'37	4♏10	19° 7	11°17	0°47	19°31	16°29	16°36	29°51	11° 9	29°R11	27°45	20°14	n.a.	S 21
M22	15 53 6	26°26'34	17°40	18°27	12°11	1°25	19°40	16°33	16°37	29°53	11° 8	29°10	27°42	20°21	n.a.	M22
T 23	15 57 3	27°24'33	0♐56	17°54	13° 4	2° 3	19°49	16°38	16°38	29°55	11° 7	29° 8	27°39	20°28	n.a.	T 23
W24	16 0 59	28°22'34	13°56	17°26	13°57	2°41	19°58	16°42	16°40	29°57	11° 6	29° 4	27°36	20°34	n.a.	W24
T 25	16 4 56	29°20'37	26°41	17° 6	14°49	3°19	20° 6	16°46	16°41	29°59	11° 5	28°59	27°33	20°41	n.a.	T 25
F 26	16 8 52	0♊18'42	9♑11	16°52	15°40	3°57	20°15	16°50	16°43	0♋ 1	11° 4	28°54	27°30	20°48	n.a.	F 26
S 27	16 12 49	1°16'49	21°26	16°D47	16°31	4°35	20°23	16°54	16°44	0° 3	11° 3	28°49	27°26	20°54	n.a.	S 27
S 28	16 16 46	2°14'58	3♒31	16°50	17°21	5°13	20°31	16°58	16°46	0° 5	11° 2	28°44	27°23	21° 1	n.a.	S 28
M29	16 20 42	3°13'10	15°27	17° 1	18°10	5°51	20°39	17° 2	16°47	0° 7	11° 1	28°41	27°20	21° 8	n.a.	M29
T 30	16 24 39	4♊11'24	27♒19	17♉20	18♋59	6♉29	20♓47	17♓ 6	16♌49	0♋ 9	11♎ 1	28♈40	27♈17	21♒15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n59	23s56	5s13	18n46	1s50	25n41	1n50	7n22	0n 7	6s49	1s18	8s25	2s27	17n13	0n52	25n 6	0n59	0n 0	5n 7	11n31	11n22	20s28		n.a.
T 2	14 18	20 6	4 57	18 35	2 3	25 41	1 47	7 38	0 7	6 44	1 18	8 23	2 27	17 13	0 52	25 6	0 59	0 1	5 7	11 31	11 20	20 26		n.a.
W 3	14 37	15 28	4 28	18 23	2 17	25 41	1 43	7 54	0 8	6 40	1 19	8 21	2 27	17 13	0 52	25 6	0 59	0 1	5 7	11 31	11 19	20 24		n.a.
T 4	14 56	10 14	3 48	18 10	2 30	25 41	1 40	8 9	0 9	6 36	1 19	8 19	2 27	17 12	0 52	25 6	0 59	0 1	5 7	11 31	11 18	20 21		n.a.
F 5	15 15	4 33	2 56	17 56	2 44	25 39	1 36	8 25	0 9	6 32	1 19	8 17	2 27	17 12	0 52	25 6	0 59	0 2	5 7	11 32	11 17	20 19		n.a.
S 6	15 34	1n24	1 56	17 41	2 57	25 37	1 33	8 40	0 10	6 27	1 19	8 14	2 28	17 12	0 52	25 6	0 59	0 2	5 6	11 32	11 16	20 16		n.a.
S 7	15 52	7 26	0 49	17 26	3 9	25 35	1 29	8 55	0 10	6 23	1 19	8 12	2 28	17 12	0 52	25 6	0 59	0 2	5 6	11 32	11 15	20 14		n.a.
M 8	16 10	13 18	0n22	17 9	3 21	25 31	1 25	9 10	0 11	6 19	1 19	8 10	2 28	17 12	0 52	25 6	0 59	0 3	5 6	11 32	11 13	20 11		n.a.
T 9	16 28	18 43	1 33	16 52	3 32	25 27	1 20	9 26	0 12	6 15	1 19	8 8	2 28	17 11	0 52	25 6	0 59	0 3	5 6	11 32	11 12	20 9		n.a.
W10	16 45	23 20	2 41	16 35	3 43	25 23	1 16	9 41	0 12	6 11	1 19	8 6	2 28	17 11	0 52	25 6	0 59	0 3	5 6	11 31	11 11	20 6		n.a.
T 11	17 3	26 44	3 41	16 18	3 52	25 18	1 12	9 56	0 13	6 7	1 19	8 5	2 29	17 11	0 52	25 6	0 59	0 4	5 5	11 31	11 10	20 4		n.a.
F 12	17 20	28 34	4 28	16 0	4 0	25 12	1 7	10 11	0 13	6 3	1 20	8 3	2 29	17 11	0 52	25 6	0 59	0 4	5 5	11 30	11 9	20 1		n.a.
S 13	17 36	28 34	5 0	15 43	4 7	25 6	1 2	10 26	0 14	5 59	1 20	8 1	2 29	17 10	0 52	25 6	0 59	0 4	5 5	11 29	11 8	19 59		n.a.
S 14	17 53	26 43	5 14	15 27	4 12	24 59	0 57	10 40	0 15	5 55	1 20	7 59	2 29	17 10	0 52	25 6	0 59	0 4	5 5	11 28	11 6	19 56		n.a.
M15	18 9	23 10	5 9	15 11	4 16	24 51	0 52	10 55	0 15	5 52	1 20	7 57	2 30	17 10	0 52	25 6	0 59	0 5	5 5	11 28	11 5	19 54		n.a.
T 16	18 25	18 15	4 45	14 56	4 18	24 43	0 46	11 10	0 16	5 48	1 20	7 55	2 30	17 9	0 52	25 6	0 59	0 5	5 4	11 28	11 4	19 51		n.a.
W17	18 41	12 22	4 3	14 43	4 18	24 34	0 41	11 24	0 16	5 44	1 20	7 54	2 30	17 9	0 52	25 6	0 59	0 5	5 4	11 28	11 3	19 49		n.a.
T 18	18 56	5 53	3 8	14 31	4 16	24 25	0 35	11 39	0 17	5 40	1 20	7 52	2 30	17 8	0 52	25 6	0 59	0 5	5 4	11 29	11 2	19 46		n.a.
F 19	19 11	0s51	2 1	14 22	4 13	24 15	0 29	11 53	0 18	5 37	1 20	7 50	2 30	17 8	0 51	25 6	0 59	0 6	5 4	11 29	11 1	19 44		n.a.
S 20	19 26	7 29	0 48	14 14	4 7	24 5	0 23	12 8	0 18	5 33	1 21	7 49	2 31	17 8	0 51	25 6	0 59	0 6	5 4	11 30	10 59	19 41		n.a.
S 21	19 40	13 41	0s27	14 9	4 0	23 54	0 17	12 22	0 19	5 30	1 21	7 47	2 31	17 7	0 51	25 6	0 59	0 6	5 3	11 30	10 58	19 38		n.a.
M22	19 54	19 10	1 39	14 7	3 51	23 43	0 11	12 36	0 19	5 26	1 21	7 46	2 31	17 7	0 51	25 6	0 59	0 6	5 3	11 29	10 57	19 36		n.a.
T 23	20 8	23 36	2 45	14 7	3 41	23 31	0 4	12 50	0 20	5 23	1 21	7 44	2 31	17 6	0 51	25 6	0 59	0 6	5 3	11 28	10 56	19 33		n.a.
W24	20 21	26 46	3 40	14 11	3 29	23 19	0s 3	13 4	0 21	5 19	1 21	7 43	2 32	17 6	0 51	25 6	0 59	0 7	5 3	11 27	10 55	19 31		n.a.
T 25	20 35	28 28	4 24	14 17	3 16	23 7	0 9	13 18	0 21	5 16	1 21	7 41	2 32	17 5	0 51	25 6	0 59	0 7	5 2	11 25	10 54	19 28		n.a.
F 26	20 47	28 40	4 53	14 27	3 2	22 54	0 17	13 32	0 22	5 13	1 21	7 40	2 32	17 5	0 51	25 6	0 59	0 7	5 2	11 23	10 52	19 26		n.a.
S 27	21 0	27 26	5 9	14 39	2 47	22 40	0 24	13 46	0 22	5 10	1 22	7 38	2 32	17 4	0 51	25 6	0 59	0 7	5 2	11 21	10 51	19 23		n.a.
S 28	21 12	24 56	5 10	14 55	2 32	22 26	0 31	13 59	0 23	5 6	1 22	7 37	2 33	17 4	0 51	25 6	0 59	0 7	5 2	11 20	10 50	19 20		n.a.
M29	21 23	21 23	4 58	15 14	2 16	22 12	0 39	14 13	0 24	5 3	1 22	7 36	2 33	17 3	0 51	25 6	0 59	0 7	5 1	11 19	10 49	19 18		n.a.
T 30	21n35	17s 0	4s33	15n35	2s 0	21n57	0s47	14n26	0n24	5s 0	1s22	7s34	2s33	17n 3	0n51	25n 6	0n59	0n 7	5n 1	11n18	10n48	19s15		n.a.

Julian Day Number = 203230.5, Delta T = 32h06m17s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'44, Lahiri = -61°03'43 Julian Calendar 1 June 4157 BCE == Greg. Calendar 29 Apr. 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

JULY 4157 BCE (-4156) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 28 35	5♊ 9'39	9♓12	17♉48	19♋47	7♉ 7	20♓55	17♓ 9	16♌51	0♋11	11°R 0	28°D39	27♈14	21♒21	n.a.	W 1
T 2	16 32 32	6° 7'58	21°10	18°24	20°34	7°44	21° 3	17°13	16°53	0°13	10♎59	28♈40	27°11	21°28	n.a.	T 2
F 3	16 36 28	7° 6'18	3♈19	19° 8	21°20	8°22	21°10	17°16	16°54	0°16	10°59	28°42	27° 7	21°35	n.a.	F 3
S 4	16 40 25	8° 4'41	15°43	20° 0	22° 6	9° 0	21°18	17°19	16°56	0°18	10°58	28°43	27° 4	21°41	n.a.	S 4
S 5	16 44 21	9° 3'06	28°26	20°59	22°50	9°38	21°25	17°22	16°58	0°20	10°57	28°R44	27° 1	21°48	n.a.	S 5
M 6	16 48 18	10° 1'34	11♉31	22° 5	23°34	10°15	21°32	17°26	17° 0	0°22	10°57	28°43	26°58	21°55	n.a.	M 6
T 7	16 52 14	11° 0'04	24°59	23°17	24°17	10°53	21°39	17°29	17° 2	0°24	10°56	28°41	26°55	22° 1	n.a.	T 7
W 8	16 56 11	11°58'36	8♊49	24°36	24°59	11°31	21°46	17°31	17° 4	0°26	10°56	28°36	26°51	22° 8	n.a.	W 8
T 9	17 0 8	12°57'10	22°59	26° 0	25°39	12° 9	21°52	17°34	17° 6	0°28	10°55	28°30	26°48	22°15	n.a.	T 9
F 10	17 4 4	13°55'47	7♋23	27°29	26°19	12°46	21°59	17°37	17° 8	0°30	10°55	28°23	26°45	22°22	n.a.	F 10
S 11	17 8 1	14°54'26	21°54	29° 3	26°57	13°24	22° 5	17°40	17°11	0°33	10°54	28°16	26°42	22°28	n.a.	S 11
S 12	17 11 57	15°53'06	6♌28	0♊40	27°35	14° 1	22°11	17°42	17°13	0°35	10°54	28° 9	26°39	22°35	n.a.	S 12
M13	17 15 54	16°51'49	20°57	2°21	28°11	14°39	22°17	17°44	17°15	0°37	10°53	28° 5	26°36	22°42	n.a.	M13
T 14	17 19 50	17°50'33	5♍17	4° 5	28°46	15°17	22°23	17°47	17°17	0°39	10°53	28° 2	26°32	22°48	n.a.	T 14
W15	17 23 47	18°49'19	19°25	5°50	29°20	15°54	22°29	17°49	17°20	0°41	10°53	28°D 1	26°29	22°55	n.a.	W15
T 16	17 27 43	19°48'07	3♎20	7°38	29°52	16°32	22°34	17°51	17°22	0°44	10°52	28° 2	26°26	23° 2	n.a.	T 16
F 17	17 31 40	20°46'57	17° 3	9°27	0♌23	17° 9	22°40	17°53	17°25	0°46	10°52	28° 3	26°23	23° 9	n.a.	F 17
S 18	17 35 36	21°45'49	0♏32	11°17	0°52	17°47	22°45	17°55	17°27	0°48	10°52	28°R 3	26°20	23°15	n.a.	S 18
S 19	17 39 33	22°44'43	13°50	13° 8	1°20	18°24	22°50	17°56	17°30	0°50	10°51	28° 2	26°17	23°22	n.a.	S 19
M20	17 43 30	23°43'40	26°56	15° 0	1°46	19° 2	22°55	17°58	17°32	0°52	10°51	27°59	26°13	23°29	n.a.	M20
T 21	17 47 26	24°42'38	9♐51	16°51	2°10	19°39	23° 0	17°59	17°35	0°55	10°51	27°53	26°10	23°35	n.a.	T 21
W22	17 51 23	25°41'39	22°34	18°43	2°33	20°16	23° 4	18° 1	17°37	0°57	10°51	27°44	26° 7	23°42	n.a.	W22
T 23	17 55 19	26°40'42	5♑ 6	20°34	2°54	20°54	23° 8	18° 2	17°40	0°59	10°51	27°34	26° 4	23°49	n.a.	T 23
F 24	17 59 16	27°39'47	17°26	22°26	3°13	21°31	23°13	18° 3	17°43	1° 1	10°51	27°22	26° 1	23°56	n.a.	F 24
S 25	18 3 12	28°38'55	29°36	24°16	3°31	22° 8	23°17	18° 4	17°45	1° 4	10°51	27°11	25°57	24° 2	n.a.	S 25
S 26	18 7 9	29°38'05	11♒37	26° 6	3°46	22°46	23°20	18° 5	17°48	1° 6	10°D51	27° 1	25°54	24° 9	n.a.	S 26
M27	18 11 5	0♋37'17	23°31	27°56	4° 0	23°23	23°24	18° 6	17°51	1° 8	10°51	26°53	25°51	24°16	n.a.	M27
T 28	18 15 2	1°36'32	5♓21	29°45	4°11	24° 0	23°27	18° 7	17°54	1°10	10°51	26°47	25°48	24°22	n.a.	T 28
W29	18 18 58	2°35'49	17°11	1♋33	4°20	24°38	23°31	18° 7	17°57	1°13	10°51	26°43	25°45	24°29	n.a.	W29
T 30	18 22 55	3°35'09	29° 7	3°21	4°27	25°15	23°34	18° 8	18° 0	1°15	10°51	26°D42	25°42	24°36	n.a.	T 30
F 31	18 26 51	4♋34'32	11♈13	5♋ 7	4♌32	25♉52	23♓37	18♓ 8	18♌ 3	1♋17	10♎51	26♈42	25♈38	24♒43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n46	11s59	3s57	15n58	1s43	21n43	0s55	14n40	0n25	4s57	1s22	7s33	2s33	17n 2	0n51	25n 6	0n59	0n 7	5n 1	11n18	10n46	19s13			n.a.
T 2	21 56	6 29	3 10	16 24	1 27	21 27	1 3	14 53	0 26	4 54	1 22	7 32	2 34	17 1	0 51	25 6	0 59	0 7	5 1	11 18	10 45	19 10			n.a.
F 3	22 6	0 41	2 14	16 52	1 11	21 12	1 11	15 6	0 26	4 51	1 23	7 31	2 34	17 1	0 51	25 6	0 59	0 8	5 1	11 19	10 44	19 8			n.a.
S 4	22 16	5n17	1 10	17 22	0 55	20 56	1 20	15 19	0 27	4 48	1 23	7 30	2 34	17 0	0 51	25 6	0 59	0 8	5 0	11 19	10 43	19 5			n.a.
S 5	22 26	11 12	0 2	17 53	0 39	20 40	1 29	15 32	0 27	4 46	1 23	7 29	2 34	17 0	0 51	25 6	0 59	0 8	5 0	11 20	10 42	19 2			n.a.
M 6	22 35	16 48	1n 9	18 25	0 24	20 24	1 38	15 45	0 28	4 43	1 23	7 28	2 35	16 59	0 51	25 6	0 59	0 8	5 0	11 19	10 41	19 0			n.a.
T 7	22 43	21 46	2 17	18 58	0 10	20 7	1 47	15 58	0 29	4 40	1 23	7 27	2 35	16 58	0 51	25 6	0 59	0 8	5 0	11 18	10 39	18 57			n.a.
W 8	22 52	25 40	3 19	19 31	0n 4	19 50	1 56	16 11	0 29	4 38	1 23	7 26	2 35	16 58	0 51	25 6	0 59	0 8	4 59	11 17	10 38	18 54			n.a.
T 9	22 59	28 6	4 11	20 4	0 17	19 33	2 5	16 23	0 30	4 35	1 24	7 25	2 35	16 57	0 51	25 6	0 59	0 8	4 59	11 14	10 37	18 52			n.a.
F 10	23 7	28 41	4 47	20 37	0 29	19 16	2 15	16 36	0 31	4 33	1 24	7 24	2 36	16 56	0 51	25 6	0 59	0 8	4 59	11 12	10 36	18 49			n.a.
S 11	23 14	27 18	5 5	21 10	0 40	18 59	2 25	16 48	0 31	4 30	1 24	7 23	2 36	16 55	0 51	25 6	0 59	0 8	4 59	11 9	10 35	18 46			n.a.
S 12	23 20	24 4	5 4	21 42	0 51	18 42	2 35	17 0	0 32	4 28	1 24	7 23	2 36	16 55	0 50	25 6	0 59	0 8	4 58	11 7	10 34	18 44			n.a.
M13	23 27	19 22	4 43	22 12	1 0	18 25	2 45	17 12	0 32	4 26	1 24	7 22	2 37	16 54	0 50	25 6	0 59	0 7	4 58	11 5	10 32	18 41			n.a.
T 14	23 32	13 37	4 5	22 41	1 9	18 8	2 56	17 24	0 33	4 23	1 24	7 21	2 37	16 53	0 50	25 6	0 59	0 7	4 58	11 4	10 31	18 38			n.a.
W15	23 38	7 14	3 12	23 9	1 17	17 50	3 6	17 36	0 34	4 21	1 25	7 21	2 37	16 52	0 50	25 6	0 59	0 7	4 58	11 4	10 30	18 36			n.a.
T 16	23 43	0 36	2 9	23 34	1 24	17 33	3 17	17 48	0 34	4 19	1 25	7 20	2 37	16 52	0 50	25 6	0 59	0 7	4 57	11 4	10 29	18 33			n.a.
F 17	23 47	5s59	0 59	23 58	1 30	17 16	3 28	17 59	0 35	4 17	1 25	7 20	2 38	16 51	0 50	25 6	0 59	0 7	4 57	11 5	10 28	18 30			n.a.
S 18	23 51	12 11	0s13	24 20	1 35	16 59	3 39	18 11	0 36	4 15	1 25	7 19	2 38	16 50	0 50	25 6	0 59	0 7	4 57	11 5	10 26	18 28			n.a.
S 19	23 54	17 46	1 23	24 39	1 39	16 42	3 50	18 22	0 36	4 13	1 25	7 19	2 38	16 49	0 50	25 6	0 59	0 7	4 57	11 4	10 25	18 25			n.a.
M20	23 58	22 25	2 28	24 57	1 43	16 25	4 1	18 33	0 37	4 12	1 26	7 18	2 38	16 48	0 50	25 6	0 59	0 7	4 56	11 3	10 24	18 22			n.a.
T 21	24 0	25 55	3 24	25 12	1 46	16 8	4 13	18 45	0 38	4 10	1 26	7 18	2 39	16 48	0 50	25 6	0 59	0 6	4 56	11 1	10 23	18 20			n.a.
W22	24 2	28 2	4 9	25 25	1 48	15 51	4 24	18 56	0 38	4 8	1 26	7 18	2 39	16 47	0 50	25 6	0 59	0 6	4 56	10 58	10 22	18 17			n.a.
T 23	24 4	28 41	4 40	25 35	1 49	15 35	4 36	19 6	0 39	4 7	1 26	7 17	2 39	16 46	0 50	25 6	0 59	0 6	4 56	10 54	10 21	18 14			n.a.
F 24	24 5	27 52	4 58	25 43	1 50	15 19	4 48	19 17	0 39	4 5	1 26	7 17	2 40	16 45	0 50	25 6	0 59	0 6	4 55	10 50	10 19	18 12			n.a.
S 25	24 6	25 44	5 3	25 50	1 50	15 4	5 0	19 28	0 40	4 4	1 27	7 17	2 40	16 44	0 50	25 6	0 59	0 6	4 55	10 46	10 18	18 9			n.a.
S 26	24 7	22 28	4 53	25 53	1 50	14 49	5 12	19 38	0 41	4 2	1 27	7 17	2 40	16 43	0 50	25 6	0 59	0 5	4 55	10 42	10 17	18 6			n.a.
M27	24 7	18 19	4 31	25 55	1 49	14 34	5 24	19 49	0 41	4 1	1 27	7 17	2 40	16 42	0 50	25 6	0 59	0 5	4 55	10 39	10 16	18 3			n.a.
T 28	24 6	13 29	3 58	25 55	1 48	14 19	5 36	19 59	0 42	4 0	1 27	7 17	2 41	16 41	0 50	25 6	0 59	0 5	4 54	10 37	10 15	18 1			n.a.
W29	24 5	8 9	3 14	25 53	1 46	14 6	5 48	20 9	0 43	3 59	1 27	7 17	2 41	16 40	0 50	25 6	0 59	0 5	4 54	10 35	10 13	17 58			n.a.
T 30	24 4	2 30	2 21	25 48	1 44	13 52	6 0	20 19	0 43	3 57	1 27	7 17	2 41	16 39	0 50	25 6	0 59	0 4	4 54	10 35	10 12	17 55			n.a.
F 31	24n 2	3n19	1s21	25n42	1n41	13n39	6s12	20n29	0n44	3s56	1s28	7s17	2s41	16n38	0n50	25n 6	0n59	0n 4	4n54	10n35	10n11	17s52			n.a.

Julian Day Number = 203260.5, Delta T = 32h06m14s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'40, Lahiri = -61°03'39 Julian Calendar 1 July 4157 BCE == Greg. Calendar 29 May 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

AUGUST 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 30 48	5♋33'57	23♈35	6♋53	4♌34	26♉29	23♓39	18♓ 9	18♌ 6	1♋19	10♎51	26°R42	25♈35	24♒49	n.a.	S 1
S 2	18 34 44	6°33'24	6♉17	8°38	4°R35	27° 6	23°42	18° 9	18° 9	1°22	10°52	26♈42	25°32	24°56	n.a.	S 2
M 3	18 38 41	7°32'55	19°24	10°22	4°32	27°44	23°44	18°R 9	18°12	1°24	10°52	26°40	25°29	25° 3	n.a.	M 3
T 4	18 42 38	8°32'27	2♊59	12° 6	4°28	28°21	23°46	18° 9	18°15	1°26	10°52	26°36	25°26	25° 9	n.a.	T 4
W 5	18 46 34	9°32'03	17° 2	13°48	4°21	28°58	23°48	18° 9	18°18	1°28	10°52	26°28	25°23	25°16	n.a.	W 5
T 6	18 50 31	10°31'41	1♋29	15°30	4°12	29°35	23°50	18° 8	18°21	1°30	10°53	26°19	25°19	25°23	n.a.	T 6
F 7	18 54 27	11°31'21	16°16	17°11	4° 0	0♊12	23°51	18° 8	18°24	1°33	10°53	26° 8	25°16	25°29	n.a.	F 7
S 8	18 58 24	12°31'03	1♌14	18°51	3°46	0°49	23°53	18° 7	18°27	1°35	10°54	25°56	25°13	25°36	n.a.	S 8
S 9	19 2 20	13°30'48	16°14	20°31	3°30	1°26	23°54	18° 7	18°31	1°37	10°54	25°46	25°10	25°43	n.a.	S 9
M10	19 6 17	14°30'34	1♍ 5	22°10	3°11	2° 3	23°55	18° 6	18°34	1°39	10°54	25°38	25° 7	25°50	n.a.	M10
T 11	19 10 13	15°30'22	15°42	23°48	2°51	2°40	23°56	18° 5	18°37	1°42	10°55	25°33	25° 3	25°56	n.a.	T 11
W12	19 14 10	16°30'13	29°59	25°25	2°27	3°17	23°56	18° 4	18°41	1°44	10°55	25°30	25° 0	26° 3	n.a.	W12
T 13	19 18 6	17°30'05	13♎55	27° 1	2° 2	3°54	23°56	18° 3	18°44	1°46	10°56	25°30	24°57	26°10	n.a.	T 13
F 14	19 22 3	18°29'59	27°31	28°37	1°35	4°31	23°R57	18° 2	18°47	1°48	10°57	25°30	24°54	26°16	n.a.	F 14
S 15	19 25 59	19°29'55	10♏48	0♌13	1° 6	5° 8	23°56	18° 0	18°51	1°50	10°57	25°29	24°51	26°23	n.a.	S 15
S 16	19 29 56	20°29'53	23°49	1°47	0°36	5°44	23°56	17°59	18°54	1°52	10°58	25°27	24°48	26°30	n.a.	S 16
M17	19 33 52	21°29'53	6♐37	3°21	0° 4	6°21	23°56	17°57	18°57	1°55	10°59	25°22	24°44	26°37	n.a.	M17
T 18	19 37 49	22°29'55	19°13	4°55	29♋31	6°58	23°55	17°56	19° 1	1°57	10°59	25°14	24°41	26°43	n.a.	T 18
W19	19 41 46	23°29'59	1♑40	6°27	28°56	7°35	23°54	17°54	19° 4	1°59	11° 0	25° 3	24°38	26°50	n.a.	W19
T 20	19 45 42	24°30'05	13°57	7°59	28°21	8°11	23°53	17°52	19° 8	2° 1	11° 1	24°49	24°35	26°57	n.a.	T 20
F 21	19 49 39	25°30'13	26° 7	9°31	27°45	8°48	23°52	17°50	19°11	2° 3	11° 2	24°35	24°32	27° 3	n.a.	F 21
S 22	19 53 35	26°30'23	8♒ 9	11° 2	27° 9	9°25	23°50	17°48	19°15	2° 5	11° 2	24°20	24°29	27°10	n.a.	S 22
S 23	19 57 32	27°30'35	20° 5	12°32	26°32	10° 2	23°49	17°46	19°18	2° 7	11° 3	24° 7	24°25	27°17	n.a.	S 23
M24	20 1 28	28°30'50	1♓56	14° 2	25°56	10°38	23°47	17°44	19°22	2° 9	11° 4	23°56	24°22	27°23	n.a.	M24
T 25	20 5 25	29°31'06	13°45	15°31	25°20	11°15	23°45	17°41	19°26	2°11	11° 5	23°47	24°19	27°30	n.a.	T 25
W26	20 9 21	0♌31'25	25°34	17° 0	24°45	11°51	23°42	17°39	19°29	2°13	11° 6	23°42	24°16	27°37	n.a.	W26
T 27	20 13 18	1°31'46	7♈28	18°28	24°11	12°28	23°40	17°36	19°33	2°15	11° 7	23°39	24°13	27°44	n.a.	T 27
F 28	20 17 14	2°32'09	19°32	19°55	23°38	13° 4	23°37	17°33	19°36	2°17	11° 8	23°D38	24° 9	27°50	n.a.	F 28
S 29	20 21 11	3°32'34	1♉49	21°22	23° 6	13°41	23°34	17°31	19°40	2°19	11° 9	23°R38	24° 6	27°57	n.a.	S 29
S 30	20 25 7	4°33'02	14°26	22°48	22°35	14°17	23°31	17°28	19°44	2°21	11°10	23°38	24° 3	28° 4	n.a.	S 30
M31	20 29 4	5♌33'32	27♉28	24♌13	22♋ 6	14♊54	23♓28	17♓25	19♌47	2♋23	11♎11	23♈36	24♈ 0	28♒10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 0	9n 9	0s17	25n34	1n38	13n27	6s24	20n38	0n45	3s56	1s28	7s17	2s42	16n37	0n50	25n 6	0n59	0n 4	4n53	10n35	10n10	17s50		n.a.
S 2	23 57	14 47	0n51	25 24	1 35	13 16	6 35	20 48	0 45	3 55	1 28	7 17	2 42	16 36	0 50	25 6	0 59	0 3	4 53	10 35	10 9	17 47		n.a.
M 3	23 53	19 57	1 57	25 13	1 31	13 5	6 47	20 57	0 46	3 54	1 28	7 17	2 42	16 35	0 50	25 6	0 59	0 3	4 53	10 34	10 7	17 44		n.a.
T 4	23 50	24 17	3 0	25 0	1 27	12 55	6 58	21 7	0 47	3 53	1 28	7 18	2 43	16 34	0 50	25 6	0 59	0 3	4 52	10 32	10 6	17 41		n.a.
W 5	23 46	27 20	3 53	24 45	1 23	12 46	7 10	21 16	0 47	3 53	1 29	7 18	2 43	16 33	0 50	25 6	0 59	0 2	4 52	10 30	10 5	17 39		n.a.
T 6	23 41	28 40	4 33	24 29	1 18	12 37	7 21	21 25	0 48	3 52	1 29	7 18	2 43	16 32	0 50	25 6	0 59	0 2	4 52	10 26	10 4	17 36		n.a.
F 7	23 36	27 59	4 56	24 11	1 13	12 30	7 31	21 34	0 49	3 52	1 29	7 19	2 43	16 31	0 50	25 6	0 59	0 2	4 52	10 22	10 3	17 33		n.a.
S 8	23 30	25 18	4 59	23 52	1 8	12 23	7 42	21 42	0 49	3 51	1 29	7 19	2 44	16 30	0 50	25 6	0 59	0 1	4 51	10 18	10 1	17 30		n.a.
S 9	23 24	20 53	4 42	23 32	1 3	12 17	7 51	21 51	0 50	3 51	1 29	7 20	2 44	16 29	0 50	25 6	0 59	0 1	4 51	10 14	10 0	17 28		n.a.
M10	23 18	15 12	4 6	23 11	0 58	12 12	8 1	21 59	0 51	3 51	1 30	7 20	2 44	16 28	0 50	25 6	0 59	0 0	4 51	10 11	9 59	17 25		n.a.
T 11	23 11	8 45	3 14	22 48	0 52	12 8	8 10	22 7	0 51	3 51	1 30	7 21	2 44	16 27	0 49	25 6	0 59	0s 0	4 51	10 9	9 58	17 22		n.a.
W12	23 4	1 59	2 10	22 25	0 46	12 5	8 18	22 15	0 52	3 51	1 30	7 22	2 45	16 26	0 49	25 6	0 59	0 0	4 50	10 8	9 57	17 19		n.a.
T 13	22 56	4s43	1 1	22 0	0 40	12 3	8 25	22 23	0 53	3 51	1 30	7 22	2 45	16 25	0 49	25 6	0 59	0 1	4 50	10 8	9 56	17 16		n.a.
F 14	22 48	11 3	0s11	21 34	0 34	12 3	8 32	22 31	0 54	3 51	1 30	7 23	2 45	16 24	0 49	25 6	0 59	0 1	4 50	10 8	9 54	17 14		n.a.
S 15	22 39	16 45	1 20	21 8	0 28	12 3	8 39	22 39	0 54	3 51	1 31	7 24	2 46	16 23	0 49	25 6	1 0	0 2	4 50	10 8	9 53	17 11		n.a.
S 16	22 30	21 34	2 23	20 40	0 21	12 4	8 44	22 46	0 55	3 51	1 31	7 25	2 46	16 22	0 49	25 6	1 0	0 2	4 49	10 7	9 52	17 8		n.a.
M17	22 20	25 17	3 19	20 12	0 15	12 6	8 49	22 53	0 56	3 52	1 31	7 25	2 46	16 20	0 49	25 6	1 0	0 3	4 49	10 5	9 51	17 5		n.a.
T 18	22 11	27 42	4 3	19 43	0 8	12 9	8 52	23 1	0 56	3 52	1 31	7 26	2 46	16 19	0 49	25 6	1 0	0 3	4 49	10 2	9 50	17 2		n.a.
W19	22 0	28 41	4 35	19 13	0 2	12 14	8 55	23 8	0 57	3 53	1 31	7 27	2 47	16 18	0 49	25 6	1 0	0 4	4 49	9 58	9 48	16 59		n.a.
T 20	21 49	28 14	4 54	18 42	0s 5	12 19	8 57	23 14	0 58	3 53	1 31	7 28	2 47	16 17	0 49	25 6	1 0	0 4	4 48	9 53	9 47	16 57		n.a.
F 21	21 38	26 24	4 59	18 11	0 12	12 25	8 58	23 21	0 58	3 54	1 32	7 29	2 47	16 16	0 49	25 6	1 0	0 5	4 48	9 47	9 46	16 54		n.a.
S 22	21 27	23 24	4 51	17 39	0 18	12 32	8 57	23 28	0 59	3 55	1 32	7 30	2 47	16 15	0 49	25 6	1 0	0 6	4 48	9 42	9 45	16 51		n.a.
S 23	21 15	19 27	4 29	17 7	0 25	12 40	8 56	23 34	1 0	3 55	1 32	7 31	2 47	16 14	0 49	25 6	1 0	0 6	4 48	9 37	9 44	16 48		n.a.
M24	21 2	14 45	3 57	16 34	0 32	12 49	8 54	23 40	1 1	3 56	1 32	7 33	2 48	16 12	0 49	25 6	1 0	0 7	4 47	9 32	9 42	16 45		n.a.
T 25	20 49	9 32	3 14	16 1	0 39	12 58	8 51	23 46	1 1	3 57	1 32	7 34	2 48	16 11	0 49	25 6	1 0	0 7	4 47	9 29	9 41	16 42		n.a.
W26	20 36	3 59	2 22	15 27	0 46	13 8	8 47	23 52	1 2	3 58	1 32	7 35	2 48	16 10	0 49	25 6	1 0	0 8	4 47	9 27	9 40	16 40		n.a.
T 27	20 23	1n46	1 24	14 53	0 53	13 19	8 42	23 58	1 3	4 0	1 33	7 36	2 48	16 9	0 49	25 6	1 0	0 9	4 47	9 26	9 39	16 37		n.a.
F 28	20 9	7 31	0 22	14 19	0 59	13 31	8 36	24 3	1 3	4 1	1 33	7 37	2 49	16 8	0 49	25 6	1 0	0 9	4 46	9 26	9 38	16 34		n.a.
S 29	19 54	13 7	0n43	13 44	1 6	13 42	8 29	24 9	1 4	4 2	1 33	7 39	2 49	16 7	0 49	25 6	1 0	0 10	4 46	9 26	9 36	16 31		n.a.
S 30	19 40	18 20	1 48	13 10	1 13	13 55	8 22	24 14	1 5	4 3	1 33	7 40	2 49	16 5	0 49	25 6	1 0	0 10	4 46	9 25	9 35	16 28		n.a.
M31	19n25	22n53	2n49	12n35	1s20	14n 8	8s14	24n19	1n 6	4s 5	1s33	7s42	2s49	16n 4	0n49	25n 6	1n 0	0s11	4n46	9n25	9n34	16s25		n.a.

Julian Day Number = 203291.5, Delta T = 32h06m11s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'36, Lahiri = -61°03'35 Julian Calendar 1 Aug. 4157 BCE == Greg. Calendar 29 June 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

SEPTEMBER 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 33 1	6♌34'04	10♊59	25♌37	21°R40	15♊30	23°R25	17°R22	19♌51	2♋25	11♎12	23°R32	23♈57	28♒17	n.a.	T 1
W 2	20 36 57	7°34'39	24°59	27° 1	21♋15	16° 7	23♓21	17♓18	19°55	2°27	11°14	23♈25	23°54	28°24	n.a.	W 2
T 3	20 40 54	8°35'15	9♋30	28°24	20°52	16°43	23°17	17°15	19°58	2°29	11°15	23°16	23°50	28°30	n.a.	T 3
F 4	20 44 50	9°35'54	24°24	29°46	20°31	17°19	23°13	17°12	20° 2	2°31	11°16	23° 5	23°47	28°37	n.a.	F 4
S 5	20 48 47	10°36'34	9♌36	1♍ 7	20°13	17°56	23° 9	17° 8	20° 6	2°33	11°17	22°54	23°44	28°44	n.a.	S 5
S 6	20 52 43	11°37'16	24°53	2°26	19°57	18°32	23° 5	17° 5	20°10	2°35	11°19	22°44	23°41	28°51	n.a.	S 6
M 7	20 56 40	12°38'00	10♍ 5	3°45	19°43	19° 8	23° 0	17° 1	20°13	2°36	11°20	22°36	23°38	28°57	n.a.	M 7
T 8	21 0 36	13°38'45	25° 1	5° 2	19°32	19°44	22°55	16°58	20°17	2°38	11°21	22°30	23°35	29° 4	n.a.	T 8
W 9	21 4 33	14°39'31	9♎35	6°18	19°23	20°20	22°50	16°54	20°21	2°40	11°23	22°28	23°31	29°11	n.a.	W 9
T 10	21 8 29	15°40'19	23°43	7°32	19°17	20°56	22°45	16°50	20°24	2°42	11°24	22°D27	23°28	29°17	n.a.	T 10
F 11	21 12 26	16°41'09	7♏25	8°44	19°13	21°32	22°40	16°46	20°28	2°44	11°25	22°27	23°25	29°24	n.a.	F 11
S 12	21 16 23	17°42'00	20°43	9°54	19°D12	22° 8	22°35	16°42	20°32	2°45	11°27	22°R28	23°22	29°31	n.a.	S 12
S 13	21 20 19	18°42'52	3♐39	11° 1	19°13	22°44	22°29	16°38	20°36	2°47	11°28	22°26	23°19	29°37	n.a.	S 13
M14	21 24 16	19°43'45	16°18	12° 6	19°16	23°20	22°23	16°34	20°39	2°49	11°30	22°23	23°15	29°44	n.a.	M14
T 15	21 28 12	20°44'40	28°43	13° 8	19°22	23°56	22°17	16°29	20°43	2°50	11°31	22°17	23°12	29°51	n.a.	T 15
W16	21 32 9	21°45'36	10♑57	14° 6	19°30	24°32	22°11	16°25	20°47	2°52	11°33	22° 8	23° 9	29°58	n.a.	W16
T 17	21 36 5	22°46'33	23° 3	15° 0	19°40	25° 8	22° 5	16°21	20°51	2°54	11°34	21°58	23° 6	0♓ 4	n.a.	T 17
F 18	21 40 2	23°47'31	5♒ 3	15°50	19°52	25°44	21°59	16°16	20°55	2°55	11°36	21°46	23° 3	0°11	n.a.	F 18
S 19	21 43 58	24°48'31	16°58	16°35	20° 7	26°19	21°52	16°12	20°58	2°57	11°37	21°34	23° 0	0°18	n.a.	S 19
S 20	21 47 55	25°49'32	28°50	17°14	20°24	26°55	21°46	16° 7	21° 2	2°58	11°39	21°23	22°56	0°24	n.a.	S 20
M21	21 51 51	26°50'34	10♓40	17°47	20°42	27°31	21°39	16° 3	21° 6	3° 0	11°41	21°14	22°53	0°31	n.a.	M21
T 22	21 55 48	27°51'38	22°31	18°13	21° 3	28° 6	21°32	15°58	21° 9	3° 1	11°42	21° 8	22°50	0°38	n.a.	T 22
W23	21 59 45	28°52'43	4♈23	18°31	21°26	28°42	21°25	15°54	21°13	3° 3	11°44	21° 4	22°47	0°44	n.a.	W23
T 24	22 3 41	29°53'49	16°21	18°R40	21°50	29°18	21°18	15°49	21°17	3° 4	11°46	21°D 2	22°44	0°51	n.a.	T 24
F 25	22 7 38	0♍54'56	28°26	18°40	22°17	29°53	21°11	15°44	21°21	3° 5	11°47	21° 2	22°41	0°58	n.a.	F 25
S 26	22 11 34	1°56'06	10♉44	18°29	22°45	0♋28	21° 4	15°39	21°24	3° 7	11°49	21° 3	22°37	1° 5	n.a.	S 26
S 27	22 15 31	2°57'16	23°19	18° 8	23°14	1° 4	20°56	15°35	21°28	3° 8	11°51	21° 4	22°34	1°11	n.a.	S 27
M28	22 19 27	3°58'28	6♊16	17°36	23°46	1°39	20°49	15°30	21°32	3°10	11°53	21°R 5	22°31	1°18	n.a.	M28
T 29	22 23 24	4°59'41	19°37	16°54	24°19	2°15	20°41	15°25	21°35	3°11	11°54	21° 4	22°28	1°25	n.a.	T 29
W30	22 27 20	6♍ 0'55	3♋27	16♍ 0	24♋53	2♋50	20♓34	15♓20	21♌39	3♋12	11♎56	21♈ 1	22♈25	1♓31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n 9	26n24	3n43	11n59	1s26	14n21	8s 5	24n24	1n 6	4s 6	1s33	7s43	2s49	16n 3	0n49	25n 6	1n 0	0s12	4n46	9n23	9n33	16s22		n.a.
W 2	18 53	28 26	4 25	11 24	1 33	14 34	7 55	24 29	1 7	4 8	1 33	7 44	2 50	16 2	0 49	25 6	1 0	0 12	4 45	9 21	9 32	16 19		n.a.
T 3	18 37	28 38	4 53	10 49	1 39	14 47	7 45	24 33	1 8	4 10	1 34	7 46	2 50	16 1	0 49	25 6	1 0	0 13	4 45	9 17	9 30	16 17		n.a.
F 4	18 21	26 46	5 1	10 14	1 45	15 1	7 34	24 38	1 9	4 11	1 34	7 47	2 50	15 59	0 49	25 6	1 0	0 14	4 45	9 13	9 29	16 14		n.a.
S 5	18 4	22 58	4 49	9 39	1 51	15 15	7 23	24 42	1 9	4 13	1 34	7 49	2 50	15 58	0 49	25 6	1 0	0 15	4 45	9 9	9 28	16 11		n.a.
S 6	17 47	17 35	4 16	9 5	1 57	15 28	7 11	24 46	1 10	4 15	1 34	7 51	2 50	15 57	0 49	25 6	1 0	0 15	4 44	9 5	9 27	16 8		n.a.
M 7	17 29	11 9	3 25	8 31	2 3	15 42	6 59	24 50	1 11	4 17	1 34	7 52	2 51	15 56	0 49	25 6	1 0	0 16	4 44	9 2	9 26	16 5		n.a.
T 8	17 12	4 10	2 20	7 57	2 8	15 56	6 47	24 54	1 12	4 19	1 34	7 54	2 51	15 54	0 49	25 6	1 0	0 17	4 44	9 0	9 24	16 2		n.a.
W 9	16 54	2s52	1 8	7 24	2 13	16 10	6 35	24 57	1 12	4 21	1 34	7 55	2 51	15 53	0 49	25 6	1 0	0 17	4 44	8 59	9 23	15 59		n.a.
T 10	16 35	9 34	0s 7	6 51	2 18	16 23	6 22	25 1	1 13	4 23	1 34	7 57	2 51	15 52	0 49	25 6	1 0	0 18	4 43	8 59	9 22	15 56		n.a.
F 11	16 17	15 37	1 19	6 20	2 23	16 36	6 9	25 4	1 14	4 26	1 34	7 59	2 51	15 51	0 49	25 6	1 0	0 19	4 43	8 59	9 21	15 53		n.a.
S 12	15 58	20 45	2 24	5 49	2 27	16 49	5 56	25 7	1 15	4 28	1 35	8 1	2 51	15 50	0 49	25 6	1 0	0 20	4 43	8 59	9 19	15 50		n.a.
S 13	15 38	24 46	3 21	5 20	2 30	17 2	5 43	25 10	1 15	4 30	1 35	8 2	2 51	15 48	0 49	25 6	1 0	0 21	4 43	8 58	9 18	15 47		n.a.
M14	15 19	27 28	4 6	4 51	2 34	17 14	5 30	25 13	1 16	4 33	1 35	8 4	2 52	15 47	0 49	25 6	1 0	0 21	4 43	8 57	9 17	15 44		n.a.
T 15	14 59	28 45	4 39	4 25	2 36	17 27	5 17	25 15	1 17	4 35	1 35	8 6	2 52	15 46	0 49	25 6	1 0	0 22	4 42	8 55	9 16	15 42		n.a.
W16	14 39	28 36	4 58	4 0	2 38	17 38	5 4	25 18	1 18	4 38	1 35	8 8	2 52	15 45	0 49	25 6	1 0	0 23	4 42	8 51	9 15	15 39		n.a.
T 17	14 18	27 4	5 3	3 37	2 40	17 50	4 51	25 20	1 18	4 40	1 35	8 10	2 52	15 43	0 49	25 6	1 1	0 24	4 42	8 47	9 13	15 36		n.a.
F 18	13 58	24 18	4 55	3 17	2 40	18 1	4 38	25 22	1 19	4 43	1 35	8 11	2 52	15 42	0 49	25 6	1 1	0 25	4 42	8 43	9 12	15 33		n.a.
S 19	13 37	20 32	4 35	2 59	2 40	18 11	4 25	25 24	1 20	4 46	1 35	8 13	2 52	15 41	0 49	25 6	1 1	0 25	4 42	8 38	9 11	15 30		n.a.
S 20	13 16	15 58	4 2	2 45	2 39	18 21	4 13	25 26	1 21	4 48	1 35	8 15	2 52	15 40	0 49	25 6	1 1	0 26	4 41	8 34	9 10	15 27		n.a.
M21	12 55	10 49	3 19	2 34	2 37	18 31	4 0	25 27	1 22	4 51	1 35	8 17	2 52	15 38	0 49	25 6	1 1	0 27	4 41	8 31	9 9	15 24		n.a.
T 22	12 33	5 17	2 27	2 27	2 33	18 40	3 47	25 29	1 22	4 54	1 35	8 19	2 52	15 37	0 49	25 6	1 1	0 28	4 41	8 28	9 7	15 21		n.a.
W23	12 11	0n27	1 28	2 24	2 29	18 49	3 35	25 30	1 23	4 57	1 35	8 21	2 52	15 36	0 49	25 6	1 1	0 29	4 41	8 27	9 6	15 18		n.a.
T 24	11 49	6 13	0 25	2 26	2 23	18 57	3 23	25 31	1 24	5 0	1 35	8 23	2 53	15 35	0 49	25 6	1 1	0 30	4 41	8 26	9 5	15 15		n.a.
F 25	11 27	11 50	0n40	2 33	2 15	19 5	3 11	25 32	1 25	5 3	1 35	8 25	2 53	15 33	0 49	25 6	1 1	0 30	4 40	8 26	9 4	15 12		n.a.
S 26	11 5	17 7	1 44	2 46	2 6	19 11	2 59	25 33	1 26	5 5	1 35	8 27	2 53	15 32	0 49	25 6	1 1	0 31	4 40	8 26	9 3	15 9		n.a.
S 27	10 42	21 47	2 45	3 4	1 55	19 18	2 48	25 33	1 26	5 8	1 35	8 29	2 53	15 31	0 49	25 6	1 1	0 32	4 40	8 27	9 1	15 6		n.a.
M28	10 20	25 34	3 40	3 29	1 42	19 24	2 36	25 34	1 27	5 11	1 35	8 31	2 53	15 30	0 49	25 6	1 1	0 33	4 40	8 27	9 0	15 3		n.a.
T 29	9 57	28 5	4 24	3 59	1 27	19 29	2 25	25 34	1 28	5 15	1 35	8 33	2 53	15 29	0 49	25 6	1 1	0 34	4 40	8 27	8 59	15 0		n.a.
W30	9n34	28n59	4n55	4n36	1s11	19n33	2s14	25n34	1n29	5s18	1s35	8s35	2s53	15n27	0n49	25n 6	1n 1	0s35	4n39	8n25	8n58	14s57		n.a.

Julian Day Number = 203322.5, Delta T = 32h06m08s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'32, Lahiri = -61°03'31 Julian Calendar 1 Sept. 4157 BCE == Greg. Calendar 30 July 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

OCTOBER 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 31 17	7♍ 2'11	17♋45	14°R57	25♋29	3♋25	20°R26	15°R15	21♌43	3♋13	11♎58	20°R56	22♈21	1♓38	n.a.	T 1
F 2	22 35 14	8° 3'28	2♌29	13♍45	26° 6	4° 0	20♓18	15♓10	21°46	3°14	12° 0	20♈49	22°18	1°45	n.a.	F 2
S 3	22 39 10	9° 4'46	17°34	12°27	26°44	4°35	20°10	15° 5	21°50	3°16	12° 2	20°43	22°15	1°51	n.a.	S 3
S 4	22 43 7	10° 6'04	2♍51	11° 6	27°24	5°10	20° 2	15° 0	21°54	3°17	12° 4	20°36	22°12	1°58	n.a.	S 4
M 5	22 47 3	11° 7'24	18° 7	9°43	28° 5	5°45	19°54	14°55	21°57	3°18	12° 6	20°31	22° 9	2° 5	n.a.	M 5
T 6	22 51 0	12° 8'44	3♎14	8°22	28°47	6°20	19°46	14°50	22° 1	3°19	12° 7	20°28	22° 6	2°11	n.a.	T 6
W 7	22 54 56	13°10'05	18° 2	7° 5	29°30	6°55	19°38	14°45	22° 5	3°20	12° 9	20°D27	22° 2	2°18	n.a.	W 7
T 8	22 58 53	14°11'26	2♏25	5°55	0♌14	7°30	19°30	14°40	22° 8	3°21	12°11	20°27	21°59	2°25	n.a.	T 8
F 9	23 2 50	15°12'47	16°20	4°54	1° 0	8° 5	19°22	14°35	22°12	3°22	12°13	20°29	21°56	2°32	n.a.	F 9
S 10	23 6 46	16°14'09	29°47	4° 3	1°46	8°39	19°14	14°30	22°15	3°23	12°15	20°30	21°53	2°38	n.a.	S 10
S 11	23 10 43	17°15'32	12♐49	3°23	2°33	9°14	19° 5	14°25	22°19	3°24	12°17	20°R31	21°50	2°45	n.a.	S 11
M12	23 14 39	18°16'54	25°29	2°53	3°21	9°48	18°57	14°20	22°22	3°25	12°19	20°31	21°46	2°52	n.a.	M12
T 13	23 18 36	19°18'17	7♑52	2°35	4°10	10°23	18°49	14°15	22°26	3°26	12°21	20°30	21°43	2°58	n.a.	T 13
W14	23 22 32	20°19'40	20° 1	2°D28	5° 0	10°57	18°41	14°10	22°29	3°26	12°23	20°26	21°40	3° 5	n.a.	W14
T 15	23 26 29	21°21'02	2♒ 1	2°31	5°51	11°32	18°33	14° 5	22°32	3°27	12°25	20°22	21°37	3°12	n.a.	T 15
F 16	23 30 26	22°22'25	13°55	2°43	6°43	12° 6	18°25	14° 0	22°36	3°28	12°27	20°17	21°34	3°18	n.a.	F 16
S 17	23 34 22	23°23'48	25°46	3° 4	7°35	12°40	18°16	13°55	22°39	3°29	12°29	20°12	21°31	3°25	n.a.	S 17
S 18	23 38 19	24°25'11	7♓36	3°33	8°28	13°14	18° 8	13°50	22°43	3°29	12°31	20° 7	21°27	3°32	n.a.	S 18
M19	23 42 15	25°26'34	19°28	4° 8	9°22	13°48	18° 0	13°45	22°46	3°30	12°34	20° 3	21°24	3°38	n.a.	M19
T 20	23 46 12	26°27'58	1♈23	4°50	10°16	14°22	17°52	13°40	22°49	3°31	12°36	20° 1	21°21	3°45	n.a.	T 20
W21	23 50 8	27°29'21	13°24	5°38	11°11	14°56	17°44	13°35	22°52	3°31	12°38	19°59	21°18	3°52	n.a.	W21
T 22	23 54 5	28°30'45	25°31	6°30	12° 7	15°30	17°36	13°31	22°56	3°32	12°40	19°D59	21°15	3°59	n.a.	T 22
F 23	23 58 2	29°32'08	7♉48	7°27	13° 3	16° 4	17°28	13°26	22°59	3°32	12°42	20° 0	21°12	4° 5	n.a.	F 23
S 24	0 1 58	0♎33'32	20°16	8°27	14° 0	16°37	17°21	13°21	23° 2	3°33	12°44	20° 2	21° 8	4°12	n.a.	S 24
S 25	0 5 55	1°34'56	2♊58	9°31	14°58	17°11	17°13	13°17	23° 5	3°33	12°46	20° 3	21° 5	4°19	n.a.	S 25
M26	0 9 51	2°36'20	15°57	10°38	15°56	17°45	17° 5	13°12	23° 8	3°34	12°48	20° 5	21° 2	4°25	n.a.	M26
T 27	0 13 48	3°37'45	29°15	11°48	16°55	18°18	16°58	13° 7	23°12	3°34	12°50	20°R 5	20°59	4°32	n.a.	T 27
W28	0 17 44	4°39'09	12♋55	12°59	17°54	18°51	16°50	13° 3	23°15	3°34	12°53	20° 5	20°56	4°39	n.a.	W28
T 29	0 21 41	5°40'34	26°58	14°13	18°53	19°25	16°43	12°58	23°18	3°35	12°55	20° 4	20°52	4°45	n.a.	T 29
F 30	0 25 38	6°41'58	11♌23	15°29	19°53	19°58	16°36	12°54	23°21	3°35	12°57	20° 3	20°49	4°52	n.a.	F 30
S 31	0 29 34	7♎43'23	26♌ 6	16♍47	20♌54	20♋31	16♓28	12♓50	23♌24	3♋35	12♎59	20♈ 1	20♈46	4♓59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	9n10	27n59	5n 8	5n17	0s53	19n37	2s 3	25n34	1n30	5s21	1s35	8s37	2s53	15n26	0n49	25n 6	1n 1	0s36	4n39	8n24	8n56	14s54		n.a.	T 1
F 2	8 47	25 3	5 3	6 3	0 34	19 41	1 53	25 34	1 31	5 24	1 35	8 39	2 53	15 25	0 49	25 6	1 1	0 37	4 39	8 21	8 55	14 51		n.a.	F 2
S 3	8 23	20 22	4 36	6 52	0 14	19 43	1 43	25 33	1 32	5 27	1 35	8 41	2 53	15 24	0 49	25 6	1 1	0 38	4 39	8 18	8 54	14 48		n.a.	S 3
S 4	8 0	14 18	3 49	7 43	0n 7	19 45	1 33	25 33	1 32	5 30	1 35	8 43	2 53	15 23	0 49	25 6	1 1	0 38	4 39	8 16	8 53	14 45		n.a.	S 4
M 5	7 36	7 22	2 46	8 34	0 27	19 47	1 23	25 32	1 33	5 33	1 35	8 45	2 53	15 21	0 49	25 6	1 1	0 39	4 39	8 14	8 52	14 42		n.a.	M 5
T 6	7 12	0 5	1 32	9 23	0 47	19 48	1 13	25 32	1 34	5 37	1 35	8 47	2 53	15 20	0 49	25 6	1 1	0 40	4 38	8 13	8 50	14 39		n.a.	T 6
W 7	6 48	7s 4	0 13	10 10	1 6	19 48	1 4	25 31	1 35	5 40	1 35	8 49	2 53	15 19	0 49	25 6	1 1	0 41	4 38	8 12	8 49	14 36		n.a.	W 7
T 8	6 23	13 40	1s 5	10 53	1 24	19 47	0 54	25 29	1 36	5 43	1 35	8 51	2 53	15 18	0 49	25 6	1 1	0 42	4 38	8 13	8 48	14 33		n.a.	T 8
F 9	5 59	19 22	2 16	11 31	1 39	19 46	0 45	25 28	1 37	5 46	1 35	8 53	2 53	15 17	0 49	25 6	1 1	0 43	4 38	8 13	8 47	14 30		n.a.	F 9
S 10	5 35	23 54	3 18	12 3	1 54	19 44	0 37	25 27	1 38	5 49	1 35	8 55	2 53	15 15	0 49	25 6	1 2	0 44	4 38	8 14	8 46	14 27		n.a.	S 10
S 11	5 10	27 4	4 7	12 30	2 6	19 41	0 28	25 25	1 38	5 53	1 34	8 57	2 53	15 14	0 49	25 6	1 2	0 45	4 38	8 14	8 44	14 24		n.a.	S 11
M12	4 46	28 45	4 43	12 50	2 16	19 38	0 20	25 24	1 39	5 56	1 34	8 59	2 53	15 13	0 49	25 6	1 2	0 46	4 37	8 14	8 43	14 21		n.a.	M12
T 13	4 21	28 57	5 5	13 4	2 24	19 34	0 12	25 22	1 40	5 59	1 34	9 1	2 53	15 12	0 49	25 6	1 2	0 47	4 37	8 13	8 42	14 18		n.a.	T 13
W14	3 56	27 43	5 12	13 13	2 30	19 29	0 4	25 20	1 41	6 2	1 34	9 2	2 52	15 11	0 49	25 6	1 2	0 48	4 37	8 12	8 41	14 15		n.a.	W14
T 15	3 31	25 14	5 6	13 16	2 35	19 24	0n 4	25 18	1 42	6 5	1 34	9 4	2 52	15 10	0 49	25 6	1 2	0 49	4 37	8 11	8 39	14 12		n.a.	T 15
F 16	3 6	21 40	4 46	13 15	2 38	19 18	0 11	25 15	1 43	6 8	1 34	9 6	2 52	15 9	0 49	25 6	1 2	0 50	4 37	8 9	8 38	14 8		n.a.	F 16
S 17	2 42	17 16	4 15	13 9	2 40	19 11	0 19	25 13	1 44	6 12	1 34	9 8	2 52	15 8	0 49	25 6	1 2	0 51	4 37	8 7	8 37	14 5		n.a.	S 17
S 18	2 17	12 13	3 32	12 59	2 41	19 4	0 26	25 10	1 45	6 15	1 33	9 10	2 52	15 6	0 49	25 6	1 2	0 52	4 36	8 5	8 36	14 2		n.a.	S 18
M19	1 52	6 43	2 40	12 45	2 41	18 56	0 32	25 8	1 46	6 18	1 33	9 12	2 52	15 5	0 49	25 6	1 2	0 53	4 36	8 3	8 35	13 59		n.a.	M19
T 20	1 27	0 58	1 41	12 28	2 39	18 47	0 39	25 5	1 47	6 21	1 33	9 14	2 52	15 4	0 49	25 6	1 2	0 53	4 36	8 2	8 33	13 56		n.a.	T 20
W21	1 2	4n53	0 36	12 8	2 37	18 38	0 45	25 2	1 48	6 24	1 33	9 15	2 52	15 3	0 49	25 6	1 2	0 54	4 36	8 2	8 32	13 53		n.a.	W21
T 22	0 36	10 37	0n30	11 45	2 34	18 28	0 52	24 59	1 49	6 27	1 33	9 17	2 52	15 2	0 49	25 6	1 2	0 55	4 36	8 2	8 31	13 50		n.a.	T 22
F 23	0 11	16 1	1 37	11 20	2 31	18 17	0 58	24 56	1 49	6 30	1 33	9 19	2 52	15 1	0 49	25 6	1 2	0 56	4 36	8 2	8 30	13 47		n.a.	F 23
S 24	0s14	20 52	2 39	10 53	2 26	18 6	1 4	24 52	1 50	6 33	1 32	9 21	2 51	15 0	0 50	25 6	1 2	0 57	4 36	8 3	8 28	13 44		n.a.	S 24
S 25	0 39	24 52	3 36	10 24	2 22	17 54	1 9	24 49	1 51	6 36	1 32	9 22	2 51	14 59	0 50	25 6	1 2	0 58	4 36	8 3	8 27	13 41		n.a.	S 25
M26	1 4	27 41	4 22	9 53	2 17	17 42	1 15	24 45	1 52	6 39	1 32	9 24	2 51	14 58	0 50	25 6	1 2	0 59	4 35	8 4	8 26	13 38		n.a.	M26
T 27	1 29	29 2	4 56	9 21	2 11	17 28	1 20	24 42	1 53	6 41	1 32	9 26	2 51	14 57	0 50	25 6	1 2	1 0	4 35	8 4	8 25	13 35		n.a.	T 27
W28	1 54	28 40	5 14	8 47	2 6	17 15	1 25	24 38	1 54	6 44	1 32	9 27	2 51	14 56	0 50	25 6	1 2	1 1	4 35	8 4	8 24	13 32		n.a.	W28
T 29	2 19	26 29	5 14	8 12	2 0	17 0	1 30	24 34	1 55	6 47	1 31	9 29	2 51	14 55	0 50	25 6	1 2	1 2	4 35	8 4	8 22	13 28		n.a.	T 29
F 30	2 44	22 33	4 55	7 37	1 53	16 45	1 34	24 30	1 56	6 50	1 31	9 31	2 50	14 54	0 50	25 6	1 2	1 3	4 35	8 3	8 21	13 25		n.a.	F 30
S 31	3s 9	17n10	4n16	7n 0	1n47	16n29	1n39	24n26	1n57	6s52	1s31	9s32	2s50	14n53	0n50	25n 6	1n 3	1s 4	4n35	8n 2	8n20	13s22		n.a.	S 31

Julian Day Number = 203352.5, Delta T = 32h06m04s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'27, Lahiri = -61°03'27 Julian Calendar 1 Oct. 4157 BCE == Greg. Calendar 29 Aug. 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

NOVEMBER 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 33 31	8♎44'47	11♍ 3	18♍ 5	21♌55	21♋ 4	16°R21	12°R45	23♌27	3♋35	13♎ 1	20°R 0	20♈43	5♓ 5	n.a.	S 1
M 2	0 37 27	9°46'10	26° 4	19°26	22°56	21°37	16♓14	12♓41	23°29	3°36	13° 3	19♈59	20°40	5°12	n.a.	M 2
T 3	0 41 24	10°47'34	11♎ 3	20°47	23°58	22°10	16° 8	12°37	23°32	3°36	13° 5	19°58	20°37	5°19	n.a.	T 3
W 4	0 45 20	11°48'57	25°49	22° 9	25° 0	22°42	16° 1	12°33	23°35	3°36	13° 8	19°D58	20°33	5°25	n.a.	W 4
T 5	0 49 17	12°50'19	10♏16	23°33	26° 3	23°15	15°54	12°29	23°38	3°36	13°10	19°58	20°30	5°32	n.a.	T 5
F 6	0 53 14	13°51'41	24°20	24°57	27° 5	23°47	15°48	12°25	23°41	3°36	13°12	19°59	20°27	5°39	n.a.	F 6
S 7	0 57 10	14°53'02	7♐57	26°22	28° 9	24°20	15°42	12°21	23°43	3°R36	13°14	19°59	20°24	5°46	n.a.	S 7
S 8	1 1 7	15°54'22	21° 8	27°48	29°12	24°52	15°35	12°18	23°46	3°36	13°16	20° 0	20°21	5°52	n.a.	S 8
M 9	1 5 3	16°55'41	3♑56	29°14	0♍16	25°24	15°29	12°14	23°49	3°36	13°18	20° 0	20°18	5°59	n.a.	M 9
T 10	1 9 0	17°56'59	16°23	0♎41	1°20	25°56	15°24	12°10	23°51	3°36	13°20	20°R 0	20°14	6° 6	n.a.	T 10
W11	1 12 56	18°58'16	28°33	2° 9	2°25	26°28	15°18	12° 7	23°54	3°36	13°23	20° 0	20°11	6°12	n.a.	W11
T 12	1 16 53	19°59'32	10♒32	3°38	3°29	27° 0	15°12	12° 3	23°56	3°35	13°25	20°D 0	20° 8	6°19	n.a.	T 12
F 13	1 20 50	21° 0'46	22°24	5° 7	4°34	27°31	15° 7	12° 0	23°59	3°35	13°27	20° 0	20° 5	6°26	n.a.	F 13
S 14	1 24 46	22° 2'00	4♓13	6°37	5°40	28° 3	15° 2	11°57	24° 1	3°35	13°29	20° 0	20° 2	6°32	n.a.	S 14
S 15	1 28 43	23° 3'12	16° 4	8° 7	6°45	28°34	14°57	11°54	24° 4	3°35	13°31	20° 1	19°58	6°39	n.a.	S 15
M16	1 32 39	24° 4'23	27°59	9°38	7°51	29° 6	14°52	11°51	24° 6	3°34	13°33	20° 1	19°55	6°46	n.a.	M16
T 17	1 36 36	25° 5'33	10♈ 1	11° 9	8°57	29°37	14°47	11°48	24° 8	3°34	13°35	20° 2	19°52	6°52	n.a.	T 17
W18	1 40 33	26° 6'42	22°12	12°41	10° 3	0♌ 8	14°43	11°45	24°10	3°34	13°37	20°R 2	19°49	6°59	n.a.	W18
T 19	1 44 29	27° 7'49	4♉35	14°13	11°10	0°39	14°38	11°42	24°13	3°33	13°40	20° 1	19°46	7° 6	n.a.	T 19
F 20	1 48 26	28° 8'56	17° 9	15°46	12°16	1°10	14°34	11°39	24°15	3°33	13°42	20° 1	19°43	7°12	n.a.	F 20
S 21	1 52 22	29°10'02	29°56	17°20	13°23	1°40	14°30	11°37	24°17	3°32	13°44	20° 0	19°39	7°19	n.a.	S 21
S 22	1 56 19	0♏11'06	12♊57	18°54	14°30	2°11	14°26	11°34	24°19	3°32	13°46	19°58	19°36	7°26	n.a.	S 22
M23	2 0 15	1°12'10	26°11	20°29	15°38	2°41	14°23	11°32	24°21	3°31	13°48	19°57	19°33	7°32	n.a.	M23
T 24	2 4 12	2°13'12	9♋39	22° 5	16°45	3°11	14°19	11°30	24°23	3°31	13°50	19°56	19°30	7°39	n.a.	T 24
W25	2 8 9	3°14'14	23°21	23°41	17°53	3°41	14°16	11°28	24°25	3°30	13°52	19°55	19°27	7°46	n.a.	W25
T 26	2 12 5	4°15'14	7♌17	25°17	19° 1	4°11	14°13	11°26	24°27	3°30	13°54	19°D54	19°23	7°53	n.a.	T 26
F 27	2 16 2	5°16'13	21°27	26°55	20° 9	4°41	14°10	11°24	24°29	3°29	13°56	19°55	19°20	7°59	n.a.	F 27
S 28	2 19 58	6°17'11	5♍47	28°33	21°17	5°10	14° 8	11°22	24°30	3°28	13°58	19°56	19°17	8° 6	n.a.	S 28
S 29	2 23 55	7°18'08	20°17	0♏12	22°25	5°40	14° 5	11°20	24°32	3°27	14° 0	19°57	19°14	8°13	n.a.	S 29
M30	2 27 51	8♏19'04	4♎51	1♏51	23♍34	6♌ 9	14♓ 3	11♓19	24♌34	3♋27	14♎ 2	19♈58	19♈11	8♓19	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s34	10n41	3n19	6n22	1n40	16n13	1n43	24n22	1n58	6 s55	1 s31	9 s34	2 s50	14n52	0n50	25n 7	1n 3	1 s 5	4n35	8n 2	8n19	13 s19		n.a.
M 2	3 59	3 34	2 9	5 44	1 33	15 56	1 47	24 17	1 59	6 57	1 30	9 35	2 50	14 51	0 50	25 7	1 3	1 6	4 35	8 1	8 17	13 16		n.a.
T 3	4 23	3 s44	0 49	5 4	1 27	15 39	1 51	24 13	2 0	7 0	1 30	9 37	2 50	14 50	0 50	25 7	1 3	1 7	4 34	8 1	8 16	13 13		n.a.
W 4	4 48	10 45	0 s32	4 25	1 20	15 21	1 55	24 8	2 1	7 2	1 30	9 38	2 50	14 49	0 50	25 7	1 3	1 8	4 34	8 1	8 15	13 10		n.a.
T 5	5 13	17 3	1 50	3 44	1 13	15 3	1 59	24 3	2 2	7 5	1 30	9 39	2 49	14 48	0 50	25 7	1 3	1 9	4 34	8 1	8 14	13 7		n.a.
F 6	5 37	22 17	2 59	3 4	1 5	14 44	2 2	23 59	2 3	7 7	1 29	9 41	2 49	14 47	0 50	25 7	1 3	1 10	4 34	8 2	8 12	13 4		n.a.
S 7	6 1	26 8	3 56	2 22	0 58	14 24	2 5	23 54	2 4	7 9	1 29	9 42	2 49	14 46	0 50	25 7	1 3	1 11	4 34	8 2	8 11	13 0		n.a.
S 8	6 26	28 26	4 38	1 41	0 51	14 4	2 8	23 49	2 5	7 12	1 29	9 43	2 49	14 45	0 50	25 7	1 3	1 12	4 34	8 2	8 10	12 57		n.a.
M 9	6 50	29 8	5 5	0 59	0 44	13 44	2 11	23 44	2 7	7 14	1 28	9 45	2 48	14 45	0 50	25 7	1 3	1 12	4 34	8 2	8 9	12 54		n.a.
T 10	7 14	28 19	5 17	0 17	0 37	13 23	2 14	23 39	2 8	7 16	1 28	9 46	2 48	14 44	0 50	25 7	1 3	1 13	4 34	8 2	8 8	12 51		n.a.
W11	7 38	26 9	5 14	0 s26	0 30	13 1	2 17	23 33	2 9	7 18	1 28	9 47	2 48	14 43	0 50	25 7	1 3	1 14	4 34	8 2	8 6	12 48		n.a.
T 12	8 2	22 51	4 57	1 8	0 23	12 39	2 19	23 28	2 10	7 20	1 28	9 48	2 48	14 42	0 50	25 7	1 3	1 15	4 34	8 2	8 5	12 45		n.a.
F 13	8 25	18 38	4 28	1 51	0 16	12 17	2 21	23 23	2 11	7 21	1 27	9 49	2 47	14 41	0 50	25 7	1 3	1 16	4 34	8 2	8 4	12 42		n.a.
S 14	8 49	13 45	3 48	2 34	0 9	11 54	2 23	23 17	2 12	7 23	1 27	9 50	2 47	14 41	0 50	25 7	1 3	1 17	4 33	8 2	8 3	12 38		n.a.
S 15	9 12	8 22	2 58	3 17	0 2	11 31	2 25	23 12	2 13	7 25	1 27	9 51	2 47	14 40	0 50	25 7	1 3	1 18	4 33	8 2	8 1	12 35		n.a.
M16	9 36	2 38	1 59	4 0	0 s 5	11 8	2 27	23 6	2 14	7 27	1 26	9 52	2 47	14 39	0 50	25 7	1 3	1 19	4 33	8 2	8 0	12 32		n.a.
T 17	9 59	3n14	0 55	4 43	0 12	10 44	2 29	23 0	2 15	7 28	1 26	9 53	2 46	14 38	0 50	25 7	1 3	1 20	4 33	8 3	7 59	12 29		n.a.
W18	10 22	9 4	0n12	5 26	0 18	10 19	2 30	22 55	2 16	7 30	1 26	9 54	2 46	14 37	0 50	25 7	1 3	1 21	4 33	8 3	7 58	12 26		n.a.
T 19	10 44	14 39	1 20	6 8	0 25	9 54	2 32	22 49	2 17	7 31	1 25	9 55	2 46	14 37	0 50	25 7	1 3	1 22	4 33	8 3	7 56	12 23		n.a.
F 20	11 7	19 44	2 25	6 51	0 31	9 29	2 33	22 43	2 19	7 32	1 25	9 56	2 46	14 36	0 50	25 8	1 4	1 23	4 33	8 2	7 55	12 19		n.a.
S 21	11 29	24 1	3 24	7 34	0 37	9 4	2 34	22 37	2 20	7 34	1 25	9 56	2 45	14 35	0 50	25 8	1 4	1 23	4 33	8 2	7 54	12 16		n.a.
S 22	11 51	27 10	4 13	8 17	0 44	8 38	2 35	22 31	2 21	7 35	1 24	9 57	2 45	14 35	0 50	25 8	1 4	1 24	4 33	8 1	7 53	12 13		n.a.
M23	12 13	28 53	4 50	8 59	0 49	8 12	2 36	22 25	2 22	7 36	1 24	9 58	2 45	14 34	0 51	25 8	1 4	1 25	4 33	8 1	7 52	12 10		n.a.
T 24	12 35	28 56	5 11	9 41	0 55	7 46	2 36	22 19	2 23	7 37	1 24	9 58	2 44	14 33	0 51	25 8	1 4	1 26	4 33	8 0	7 50	12 7		n.a.
W25	12 56	27 13	5 16	10 23	1 1	7 19	2 37	22 13	2 24	7 38	1 23	9 59	2 44	14 33	0 51	25 8	1 4	1 27	4 33	8 0	7 49	12 3		n.a.
T 26	13 18	23 49	5 2	11 5	1 6	6 52	2 37	22 6	2 26	7 39	1 23	9 59	2 44	14 32	0 51	25 8	1 4	1 28	4 33	8 0	7 48	12 0		n.a.
F 27	13 39	19 0	4 30	11 46	1 11	6 25	2 37	22 0	2 27	7 40	1 23	10 0	2 44	14 32	0 51	25 8	1 4	1 29	4 33	8 0	7 47	11 57		n.a.
S 28	13 59	13 3	3 41	12 27	1 16	5 57	2 37	21 54	2 28	7 40	1 22	10 0	2 43	14 31	0 51	25 8	1 4	1 29	4 33	8 0	7 45	11 54		n.a.
S 29	14 20	6 21	2 37	13 7	1 21	5 29	2 37	21 47	2 29	7 41	1 22	10 1	2 43	14 30	0 51	25 8	1 4	1 30	4 33	8 1	7 44	11 51		n.a.
M30	14 s40	0 s43	1n23	13 s47	1 s26	5n 1	2n37	21n41	2n30	7 s42	1 s22	10 s 1	2 s43	14n30	0n51	25n 8	1n 4	1 s31	4n33	8n 1	7n43	11 s47		n.a.

Julian Day Number = 203383.5, Delta T = 32h06m01s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'23, Lahiri = -61°03'23 Julian Calendar 1 Nov. 4157 BCE == Greg. Calendar 29 Sept. 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4157 BCE
geocentric

DECEMBER 4157 BCE (-4156) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 31 48	9♏19'58	19♎24	3♏31	24♍42	6♌38	14°R 1	11°R17	24♌35	3°R26	14♎ 4	19°R59	19♈ 8	8♓26	n.a.	T 1
W 2	2 35 45	10°20'51	3♏52	5°12	25°51	7° 7	13♓59	11♓16	24°37	3♋25	14° 6	19♈58	19° 4	8°33	n.a.	W 2
T 3	2 39 41	11°21'42	18° 7	6°54	27° 0	7°36	13°58	11°14	24°39	3°24	14° 8	19°57	19° 1	8°39	n.a.	T 3
F 4	2 43 38	12°22'32	2♐ 5	8°36	28° 9	8° 4	13°56	11°13	24°40	3°23	14°10	19°54	18°58	8°46	n.a.	F 4
S 5	2 47 34	13°23'20	15°42	10°19	29°18	8°32	13°55	11°12	24°42	3°22	14°12	19°50	18°55	8°53	n.a.	S 5
S 6	2 51 31	14°24'06	28°56	12° 3	0♎27	9° 0	13°54	11°11	24°43	3°22	14°14	19°47	18°52	8°59	n.a.	S 6
M 7	2 55 27	15°24'50	11♑48	13°48	1°36	9°28	13°53	11°11	24°44	3°21	14°16	19°43	18°49	9° 6	n.a.	M 7
T 8	2 59 24	16°25'32	24°19	15°34	2°46	9°56	13°52	11°10	24°45	3°20	14°18	19°40	18°45	9°13	n.a.	T 8
W 9	3 3 21	17°26'12	6♒33	17°20	3°55	10°23	13°52	11° 9	24°47	3°19	14°20	19°38	18°42	9°19	n.a.	W 9
T 10	3 7 17	18°26'51	18°34	19° 7	5° 5	10°51	13°D52	11° 9	24°48	3°18	14°22	19°D37	18°39	9°26	n.a.	T 10
F 11	3 11 14	19°27'27	0♓27	20°55	6°15	11°18	13°52	11° 9	24°49	3°17	14°23	19°38	18°36	9°33	n.a.	F 11
S 12	3 15 10	20°28'00	12°16	22°43	7°25	11°44	13°52	11° 8	24°50	3°15	14°25	19°39	18°33	9°39	n.a.	S 12
S 13	3 19 7	21°28'32	24° 7	24°33	8°35	12°11	13°53	11°D 8	24°51	3°14	14°27	19°41	18°29	9°46	n.a.	S 13
M14	3 23 3	22°29'02	6♈ 5	26°23	9°45	12°37	13°53	11° 8	24°52	3°13	14°29	19°43	18°26	9°53	n.a.	M14
T 15	3 27 0	23°29'29	18°12	28°13	10°55	13° 3	13°54	11° 8	24°53	3°12	14°31	19°R44	18°23	9°59	n.a.	T 15
W16	3 30 57	24°29'55	0♉34	0♐ 4	12° 5	13°29	13°55	11° 9	24°54	3°11	14°32	19°43	18°20	10° 6	n.a.	W16
T 17	3 34 53	25°30'18	13°11	1°56	13°15	13°55	13°56	11° 9	24°55	3°10	14°34	19°41	18°17	10°13	n.a.	T 17
F 18	3 38 50	26°30'39	26° 5	3°48	14°25	14°20	13°58	11° 9	24°55	3° 8	14°36	19°37	18°14	10°19	n.a.	F 18
S 19	3 42 46	27°30'59	9♊16	5°40	15°36	14°45	13°59	11°10	24°56	3° 7	14°37	19°31	18°10	10°26	n.a.	S 19
S 20	3 46 43	28°31'16	22°42	7°32	16°46	15°10	14° 1	11°11	24°57	3° 6	14°39	19°25	18° 7	10°33	n.a.	S 20
M21	3 50 39	29°31'32	6♋21	9°24	17°57	15°34	14° 3	11°12	24°57	3° 5	14°41	19°18	18° 4	10°39	n.a.	M21
T 22	3 54 36	0♐31'46	20°11	11°15	19° 7	15°59	14° 5	11°12	24°58	3° 3	14°42	19°12	18° 1	10°46	n.a.	T 22
W23	3 58 32	1°31'58	4♌ 9	13° 6	20°18	16°23	14° 7	11°13	24°58	3° 2	14°44	19° 7	17°58	10°53	n.a.	W23
T 24	4 2 29	2°32'08	18°12	14°55	21°29	16°46	14°10	11°15	24°59	3° 1	14°46	19° 4	17°55	10°59	n.a.	T 24
F 25	4 6 26	3°32'16	2♍19	16°44	22°39	17°10	14°13	11°16	24°59	2°59	14°47	19°D 3	17°51	11° 6	n.a.	F 25
S 26	4 10 22	4°32'22	16°28	18°30	23°50	17°33	14°16	11°17	24°59	2°58	14°49	19° 4	17°48	11°13	n.a.	S 26
S 27	4 14 19	5°32'26	0♎37	20°14	25° 1	17°55	14°19	11°19	24°59	2°56	14°50	19° 5	17°45	11°20	n.a.	S 27
M28	4 18 15	6°32'29	14°45	21°56	26°12	18°18	14°22	11°20	25° 0	2°55	14°52	19°R 6	17°42	11°26	n.a.	M28
T 29	4 22 12	7°32'30	28°50	23°34	27°23	18°40	14°26	11°22	25° 0	2°54	14°53	19° 5	17°39	11°33	n.a.	T 29
W30	4 26 8	8°32'28	12♏50	25° 8	28°34	19° 2	14°29	11°24	25° 0	2°52	14°55	19° 3	17°35	11°40	n.a.	W30
T 31	4 30 5	9♐32'25	26♏41	26♐39	29♎45	19♌23	14♓33	11♓26	25°R 0	2♋51	14♎56	18♈58	17♈32	11♓46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s 0	7s45	0n 3	14s27	1s30	4n33	2n37	21n35	2n32	7s42	1s21	10s 1	2s42	14n29	0n51	25n 8	1n 4	1s32	4n33	8n 2	7n42	11s44		n.a.
W 2	15 20	14 21	1s16	15 6	1 34	4 5	2 37	21 28	2 33	7 43	1 21	10 2	2 42	14 29	0 51	25 8	1 4	1 33	4 32	8 1	7 40	11 41		n.a.
T 3	15 40	20 5	2 29	15 44	1 38	3 36	2 36	21 22	2 34	7 43	1 20	10 2	2 42	14 28	0 51	25 8	1 4	1 34	4 32	8 1	7 39	11 38		n.a.
F 4	15 59	24 37	3 31	16 21	1 41	3 8	2 36	21 15	2 35	7 43	1 20	10 2	2 41	14 28	0 51	25 8	1 4	1 34	4 32	8 0	7 38	11 35		n.a.
S 5	16 18	27 38	4 20	16 58	1 44	2 39	2 35	21 9	2 36	7 43	1 20	10 2	2 41	14 27	0 51	25 8	1 4	1 35	4 32	7 58	7 37	11 31		n.a.
S 6	16 37	29 0	4 53	17 34	1 47	2 10	2 34	21 2	2 38	7 43	1 19	10 2	2 41	14 27	0 51	25 9	1 4	1 36	4 32	7 57	7 35	11 28		n.a.
M 7	16 55	28 44	5 11	18 10	1 49	1 40	2 33	20 56	2 39	7 43	1 19	10 2	2 40	14 27	0 51	25 9	1 4	1 37	4 32	7 55	7 34	11 25		n.a.
T 8	17 13	26 59	5 13	18 44	1 51	1 11	2 32	20 49	2 40	7 43	1 19	10 2	2 40	14 26	0 51	25 9	1 4	1 38	4 32	7 54	7 33	11 22		n.a.
W 9	17 31	23 59	5 0	19 17	1 53	0 42	2 31	20 43	2 42	7 43	1 18	10 2	2 40	14 26	0 51	25 9	1 4	1 38	4 32	7 53	7 32	11 19		n.a.
T 10	17 48	20 1	4 35	19 49	1 54	0 12	2 30	20 37	2 43	7 43	1 18	10 2	2 39	14 26	0 51	25 9	1 4	1 39	4 32	7 53	7 30	11 15		n.a.
F 11	18 5	15 19	3 58	20 20	1 55	0s17	2 29	20 30	2 44	7 42	1 18	10 2	2 39	14 25	0 51	25 9	1 4	1 40	4 32	7 53	7 29	11 12		n.a.
S 12	18 22	10 4	3 11	20 49	1 55	0 47	2 27	20 24	2 45	7 42	1 17	10 2	2 39	14 25	0 51	25 9	1 4	1 41	4 32	7 54	7 28	11 9		n.a.
S 13	18 38	4 28	2 16	21 17	1 55	1 16	2 26	20 17	2 47	7 42	1 17	10 1	2 38	14 25	0 51	25 9	1 5	1 41	4 32	7 55	7 27	11 6		n.a.
M14	18 54	1n21	1 14	21 44	1 54	1 46	2 24	20 11	2 48	7 41	1 17	10 1	2 38	14 24	0 51	25 9	1 5	1 42	4 32	7 55	7 25	11 2		n.a.
T 15	19 10	7 12	0 8	22 9	1 52	2 16	2 23	20 4	2 49	7 40	1 16	10 1	2 38	14 24	0 51	25 9	1 5	1 43	4 32	7 56	7 24	10 59		n.a.
W16	19 26	12 54	0n59	22 32	1 50	2 45	2 21	19 58	2 51	7 40	1 16	10 0	2 37	14 24	0 52	25 9	1 5	1 43	4 32	7 55	7 23	10 56		n.a.
T 17	19 41	18 12	2 4	22 53	1 48	3 15	2 19	19 51	2 52	7 39	1 15	10 0	2 37	14 24	0 52	25 9	1 5	1 44	4 32	7 55	7 22	10 53		n.a.
F 18	19 55	22 48	3 5	23 13	1 45	3 45	2 17	19 45	2 53	7 38	1 15	9 59	2 37	14 23	0 52	25 9	1 5	1 45	4 32	7 53	7 21	10 49		n.a.
S 19	20 9	26 22	3 57	23 30	1 41	4 14	2 15	19 39	2 55	7 37	1 15	9 59	2 37	14 23	0 52	25 9	1 5	1 45	4 32	7 51	7 19	10 46		n.a.
S 20	20 23	28 31	4 37	23 46	1 36	4 44	2 13	19 32	2 56	7 36	1 14	9 58	2 36	14 23	0 52	25 9	1 5	1 46	4 32	7 48	7 18	10 43		n.a.
M21	20 37	28 59	5 1	23 59	1 31	5 13	2 11	19 26	2 58	7 35	1 14	9 58	2 36	14 23	0 52	25 10	1 5	1 47	4 32	7 46	7 17	10 40		n.a.
T 22	20 50	27 38	5 9	24 10	1 25	5 43	2 9	19 20	2 59	7 34	1 14	9 57	2 36	14 23	0 52	25 10	1 5	1 47	4 32	7 43	7 16	10 36		n.a.
W23	21 3	24 35	4 59	24 18	1 18	6 12	2 6	19 14	3 0	7 32	1 13	9 56	2 35	14 23	0 52	25 10	1 5	1 48	4 32	7 41	7 14	10 33		n.a.
T 24	21 15	20 4	4 30	24 24	1 10	6 42	2 4	19 8	3 2	7 31	1 13	9 55	2 35	14 22	0 52	25 10	1 5	1 49	4 32	7 40	7 13	10 30		n.a.
F 25	21 27	14 26	3 46	24 28	1 2	7 11	2 2	19 2	3 3	7 30	1 13	9 55	2 35	14 22	0 52	25 10	1 5	1 49	4 32	7 40	7 12	10 27		n.a.
S 26	21 39	8 2	2 47	24 29	0 53	7 40	1 59	18 56	3 5	7 28	1 12	9 54	2 34	14 22	0 52	25 10	1 5	1 50	4 32	7 40	7 11	10 23		n.a.
S 27	21 50	1 14	1 38	24 27	0 43	8 9	1 57	18 50	3 6	7 27	1 12	9 53	2 34	14 22	0 52	25 10	1 5	1 50	4 32	7 41	7 9	10 20		n.a.
M28	22 1	5s37	0 23	24 24	0 32	8 38	1 54	18 44	3 7	7 25	1 12	9 52	2 34	14 22	0 52	25 10	1 5	1 51	4 32	7 41	7 8	10 17		n.a.
T 29	22 11	12 11	0s52	24 18	0 20	9 6	1 51	18 38	3 9	7 23	1 11	9 51	2 33	14 22	0 52	25 10	1 5	1 52	4 32	7 41	7 7	10 13		n.a.
W30	22 21	18 6	2 4	24 9	0 8	9 35	1 49	18 33	3 10	7 22	1 11	9 50	2 33	14 22	0 52	25 10	1 5	1 52	4 32	7 40	7 6	10 10		n.a.
T 31	22s30	23s 0	3s 8	23s59	0n 5	10s 3	1n46	18n27	3n12	7s20	1s11	9s49	2s33	14n22	0n52	25n10	1n 5	1s53	4n32	7n38	7n 4	10s 7		n.a.

Julian Day Number = 203413.5, Delta T = 32h05m58s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'19, Lahiri = -61°03'19 Julian Calendar 1 Dec. 4157 BCE == Greg. Calendar 29 Oct. 4157 BCE

The year -4156 astronomical counting style corresponds to year 4157 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

JANUARY 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 34 1	10♐32'20	10♐19	28♐ 4	0♏56	19♌44	14♓37	11♓28	25°R 0	2°R49	14♎58	18°R51	17♈29	11♓53	n.a.	F 1
S 2	4 37 58	11°32'12	23°43	29°24	2° 7	20° 5	14°41	11°30	25♌ 0	2♋48	14°59	18♈42	17°26	12° 0	n.a.	S 2
S 3	4 41 55	12°32'02	6♑49	0♑37	3°19	20°25	14°46	11°32	25° 0	2°46	15° 0	18°32	17°23	12° 6	n.a.	S 3
M 4	4 45 51	13°31'50	19°37	1°44	4°30	20°45	14°50	11°35	24°59	2°45	15° 2	18°23	17°20	12°13	n.a.	M 4
T 5	4 49 48	14°31'35	2♒ 7	2°44	5°41	21° 4	14°55	11°37	24°59	2°43	15° 3	18°14	17°16	12°20	n.a.	T 5
W 6	4 53 44	15°31'18	14°22	3°37	6°52	21°23	15° 0	11°40	24°59	2°41	15° 4	18° 7	17°13	12°26	n.a.	W 6
T 7	4 57 41	16°30'58	26°23	4°22	8° 4	21°42	15° 5	11°43	24°59	2°40	15° 5	18° 3	17°10	12°33	n.a.	T 7
F 8	5 1 37	17°30'36	8♓16	4°58	9°15	22° 0	15°10	11°45	24°58	2°38	15° 7	18° 0	17° 7	12°40	n.a.	F 8
S 9	5 5 34	18°30'11	20° 5	5°26	10°26	22°18	15°16	11°48	24°58	2°37	15° 8	18°D 0	17° 4	12°46	n.a.	S 9
S 10	5 9 30	19°29'44	1♈56	5°46	11°38	22°35	15°21	11°51	24°57	2°35	15° 9	18° 0	17° 1	12°53	n.a.	S 10
M11	5 13 27	20°29'14	13°54	5°57	12°49	22°52	15°27	11°54	24°57	2°34	15°10	18°R 1	16°57	13° 0	n.a.	M11
T 12	5 17 23	21°28'41	26° 4	5°R59	14° 1	23° 9	15°33	11°58	24°56	2°32	15°11	18° 1	16°54	13° 6	n.a.	T 12
W13	5 21 20	22°28'07	8♉31	5°53	15°12	23°25	15°39	12° 1	24°55	2°30	15°12	17°59	16°51	13°13	n.a.	W13
T 14	5 25 17	23°27'29	21°18	5°39	16°24	23°40	15°45	12° 4	24°55	2°29	15°13	17°54	16°48	13°20	n.a.	T 14
F 15	5 29 13	24°26'49	4♊27	5°18	17°35	23°55	15°52	12° 8	24°54	2°27	15°15	17°47	16°45	13°26	n.a.	F 15
S 16	5 33 10	25°26'07	17°58	4°49	18°47	24°10	15°58	12°11	24°53	2°25	15°16	17°38	16°41	13°33	n.a.	S 16
S 17	5 37 6	26°25'23	1♋49	4°14	19°58	24°24	16° 5	12°15	24°52	2°24	15°16	17°27	16°38	13°40	n.a.	S 17
M18	5 41 3	27°24'36	15°56	3°34	21°10	24°37	16°12	12°19	24°51	2°22	15°17	17°16	16°35	13°46	n.a.	M18
T 19	5 44 59	28°23'47	0♌14	2°49	22°22	24°50	16°19	12°23	24°50	2°21	15°18	17° 6	16°32	13°53	n.a.	T 19
W20	5 48 56	29°22'56	14°37	2° 0	23°33	25° 3	16°26	12°27	24°49	2°19	15°19	16°57	16°29	14° 0	n.a.	W20
T 21	5 52 52	0♑22'03	28°59	1° 9	24°45	25°15	16°33	12°31	24°48	2°17	15°20	16°51	16°26	14° 6	n.a.	T 21
F 22	5 56 49	1°21'07	13♍17	0°17	25°57	25°26	16°41	12°35	24°47	2°16	15°21	16°48	16°22	14°13	n.a.	F 22
S 23	6 0 45	2°20'10	27°28	29♐24	27° 8	25°37	16°48	12°39	24°46	2°14	15°22	16°D47	16°19	14°20	n.a.	S 23
S 24	6 4 42	3°19'11	11♎30	28°32	28°20	25°47	16°56	12°44	24°45	2°12	15°22	16°R47	16°16	14°26	n.a.	S 24
M25	6 8 38	4°18'10	25°23	27°42	29°32	25°57	17° 4	12°48	24°44	2°11	15°23	16°47	16°13	14°33	n.a.	M25
T 26	6 12 35	5°17'06	9♏ 7	26°55	0♐44	26° 6	17°12	12°53	24°42	2° 9	15°24	16°45	16°10	14°40	n.a.	T 26
W27	6 16 32	6°16'01	22°43	26°10	1°55	26°14	17°20	12°57	24°41	2° 7	15°25	16°41	16° 7	14°46	n.a.	W27
T 28	6 20 28	7°14'54	6♐ 8	25°30	3° 7	26°22	17°28	13° 2	24°40	2° 6	15°25	16°35	16° 3	14°53	n.a.	T 28
F 29	6 24 25	8°13'45	19°23	24°55	4°19	26°29	17°36	13° 7	24°38	2° 4	15°26	16°25	16° 0	15° 0	n.a.	F 29
S 30	6 28 21	9°12'34	2♑25	24°24	5°31	26°35	17°45	13°12	24°37	2° 2	15°26	16°13	15°57	15° 6	n.a.	S 30
S 31	6 32 18	10♑11'20	15♑15	23♐59	6♐43	26♌41	17♓53	13♓17	24♌35	2♋ 1	15♎27	15♈59	15♈54	15♓13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s39	26s35	4s 0	23s47	0n19	10s31	1n43	18n21	3n13	7s18	1s10	9s48	2s32	14n22	0n52	25n10	1n 5	1s53	4n32	7n35	7n 3	10s 4		n.a.
S 2	22 48	28 35	4 37	23 34	0 33	10 59	1 40	18 16	3 15	7 16	1 10	9 47	2 32	14 22	0 52	25 10	1 5	1 54	4 32	7 32	7 2	10 0		n.a.
S 3	22 56	28 55	4 59	23 19	0 47	11 27	1 38	18 11	3 16	7 14	1 10	9 46	2 32	14 22	0 52	25 10	1 5	1 54	4 32	7 28	7 1	9 57		n.a.
M 4	23 4	27 40	5 5	23 4	1 3	11 54	1 35	18 6	3 18	7 12	1 9	9 44	2 31	14 23	0 52	25 10	1 5	1 55	4 32	7 24	6 59	9 54		n.a.
T 5	23 11	25 3	4 56	22 47	1 18	12 21	1 32	18 0	3 19	7 9	1 9	9 43	2 31	14 23	0 52	25 10	1 5	1 55	4 32	7 21	6 58	9 50		n.a.
W 6	23 18	21 20	4 34	22 30	1 33	12 48	1 29	17 55	3 21	7 7	1 9	9 42	2 31	14 23	0 52	25 11	1 5	1 56	4 32	7 18	6 57	9 47		n.a.
T 7	23 24	16 49	4 0	22 14	1 49	13 14	1 26	17 51	3 22	7 5	1 8	9 40	2 30	14 23	0 53	25 11	1 5	1 56	4 32	7 16	6 56	9 44		n.a.
F 8	23 30	11 43	3 16	21 57	2 4	13 41	1 23	17 46	3 23	7 2	1 8	9 39	2 30	14 23	0 53	25 11	1 5	1 57	4 32	7 15	6 54	9 40		n.a.
S 9	23 36	6 13	2 24	21 40	2 20	14 7	1 20	17 41	3 25	7 0	1 8	9 38	2 30	14 23	0 53	25 11	1 5	1 57	4 32	7 15	6 53	9 37		n.a.
S 10	23 41	0 30	1 25	21 25	2 34	14 32	1 17	17 37	3 26	6 58	1 7	9 36	2 29	14 24	0 53	25 11	1 5	1 58	4 32	7 15	6 52	9 34		n.a.
M11	23 46	5n18	0 22	21 10	2 49	14 57	1 14	17 32	3 28	6 55	1 7	9 35	2 29	14 24	0 53	25 11	1 5	1 58	4 33	7 16	6 51	9 31		n.a.
T 12	23 50	11 0	0n43	20 57	3 2	15 22	1 11	17 28	3 29	6 52	1 7	9 33	2 29	14 24	0 53	25 11	1 5	1 58	4 33	7 16	6 49	9 27		n.a.
W13	23 54	16 25	1 47	20 44	3 15	15 47	1 7	17 24	3 31	6 50	1 6	9 31	2 28	14 24	0 53	25 11	1 5	1 59	4 33	7 15	6 48	9 24		n.a.
T 14	23 57	21 17	2 47	20 34	3 26	16 11	1 4	17 20	3 32	6 47	1 6	9 30	2 28	14 25	0 53	25 11	1 5	1 59	4 33	7 13	6 47	9 21		n.a.
F 15	24 0	25 14	3 41	20 24	3 36	16 35	1 1	17 16	3 34	6 44	1 6	9 28	2 28	14 25	0 53	25 11	1 5	2 0	4 33	7 10	6 46	9 17		n.a.
S 16	24 2	27 55	4 23	20 17	3 45	16 58	0 58	17 13	3 35	6 41	1 6	9 26	2 28	14 25	0 53	25 11	1 6	2 0	4 33	7 7	6 44	9 14		n.a.
S 17	24 4	28 57	4 51	20 11	3 52	17 21	0 55	17 9	3 37	6 38	1 5	9 25	2 27	14 26	0 53	25 11	1 6	2 0	4 33	7 2	6 43	9 11		n.a.
M18	24 5	28 7	5 2	20 7	3 57	17 44	0 52	17 6	3 38	6 35	1 5	9 23	2 27	14 26	0 53	25 11	1 6	2 1	4 33	6 58	6 42	9 7		n.a.
T 19	24 6	25 27	4 54	20 5	4 1	18 6	0 48	17 3	3 40	6 32	1 5	9 21	2 27	14 26	0 53	25 11	1 6	2 1	4 33	6 54	6 41	9 4		n.a.
W20	24 7	21 10	4 28	20 4	4 2	18 28	0 45	17 0	3 41	6 29	1 4	9 19	2 26	14 27	0 53	25 11	1 6	2 1	4 33	6 51	6 39	9 1		n.a.
T 21	24 7	15 39	3 45	20 5	4 2	18 49	0 42	16 57	3 43	6 26	1 4	9 17	2 26	14 27	0 53	25 11	1 6	2 2	4 33	6 48	6 38	8 57		n.a.
F 22	24 6	9 19	2 47	20 7	4 0	19 10	0 39	16 54	3 44	6 23	1 4	9 16	2 26	14 28	0 53	25 11	1 6	2 2	4 33	6 47	6 37	8 54		n.a.
S 23	24 5	2 34	1 40	20 11	3 56	19 30	0 36	16 52	3 46	6 19	1 3	9 14	2 26	14 28	0 53	25 11	1 6	2 2	4 33	6 47	6 36	8 51		n.a.
S 24	24 4	4s15	0 28	20 16	3 50	19 50	0 32	16 50	3 47	6 16	1 3	9 12	2 25	14 28	0 53	25 11	1 6	2 2	4 33	6 47	6 34	8 47		n.a.
M25	24 2	10 47	0s45	20 23	3 43	20 9	0 29	16 47	3 48	6 13	1 3	9 10	2 25	14 29	0 53	25 11	1 6	2 3	4 33	6 47	6 33	8 44		n.a.
T 26	24 0	16 45	1 55	20 31	3 34	20 27	0 26	16 46	3 50	6 9	1 3	9 8	2 25	14 29	0 53	25 12	1 6	2 3	4 33	6 46	6 32	8 41		n.a.
W27	23 58	21 49	2 58	20 40	3 24	20 46	0 23	16 44	3 51	6 6	1 2	9 5	2 24	14 30	0 53	25 12	1 6	2 3	4 33	6 44	6 31	8 37		n.a.
T 28	23 54	25 42	3 49	20 49	3 13	21 3	0 20	16 43	3 53	6 2	1 2	9 3	2 24	14 30	0 53	25 12	1 6	2 3	4 33	6 42	6 29	8 34		n.a.
F 29	23 51	28 7	4 28	21 0	3 1	21 20	0 17	16 41	3 54	5 58	1 2	9 1	2 24	14 31	0 53	25 12	1 6	2 3	4 33	6 38	6 28	8 31		n.a.
S 30	23 47	28 57	4 51	21 12	2 48	21 37	0 13	16 40	3 55	5 55	1 2	8 59	2 24	14 31	0 53	25 12	1 6	2 4	4 33	6 33	6 27	8 27		n.a.
S 31	23s43	28s11	5s 0	21s24	2n35	21s52	0n10	16n39	3n57	5s51	1s 1	8s57	2s23	14n32	0n53	25n12	1n 6	2s 4	4n33	6n28	6n26	8s24		n.a.

Julian Day Number = 203444.5, Delta T = 32h05m55s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'15, Lahiri = -61°03'15 Julian Calendar 1 Jan. 4156 BCE == Greg. Calendar 29 Nov. 4157 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

FEBRUARY 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 36 14	11♉10'04	27♉51	23°R39	7♐55	26♌46	18♓ 2	13♓22	24°R34	1°R59	15♎28	15°R46	15♈51	15♓20	n.a.	M 1
T 2	6 40 11	12° 8'46	10♒13	23♐25	9° 7	26°50	18°11	13°27	24♌32	1♋58	15°28	15♈34	15°47	15°26	n.a.	T 2
W 3	6 44 7	13° 7'25	22°22	23°16	10°19	26°54	18°20	13°32	24°30	1°56	15°29	15°24	15°44	15°33	n.a.	W 3
T 4	6 48 4	14° 6'02	4♓20	23°D13	11°31	26°57	18°29	13°37	24°29	1°54	15°29	15°16	15°41	15°40	n.a.	T 4
F 5	6 52 0	15° 4'37	16°12	23°15	12°43	26°59	18°38	13°43	24°27	1°53	15°29	15°11	15°38	15°46	n.a.	F 5
S 6	6 55 57	16° 3'09	28° 0	23°22	13°55	27° 1	18°48	13°48	24°25	1°51	15°30	15° 9	15°35	15°53	n.a.	S 6
S 7	6 59 53	17° 1'39	9♈49	23°34	15° 7	27° 1	18°57	13°53	24°24	1°50	15°30	15° 8	15°32	16° 0	n.a.	S 7
M 8	7 3 50	18° 0'06	21°46	23°52	16°19	27°R 2	19° 7	13°59	24°22	1°48	15°30	15° 8	15°28	16° 6	n.a.	M 8
T 9	7 7 46	18°58'31	3♉56	24°14	17°31	27° 1	19°16	14° 5	24°20	1°46	15°31	15° 8	15°25	16°13	n.a.	T 9
W10	7 11 43	19°56'54	16°23	24°40	18°43	26°59	19°26	14°10	24°18	1°45	15°31	15° 6	15°22	16°20	n.a.	W10
T 11	7 15 40	20°55'15	29°13	25°11	19°55	26°57	19°36	14°16	24°16	1°43	15°31	15° 1	15°19	16°26	n.a.	T 11
F 12	7 19 36	21°53'33	12♊28	25°46	21° 7	26°54	19°46	14°22	24°14	1°42	15°31	14°54	15°16	16°33	n.a.	F 12
S 13	7 23 33	22°51'49	26°10	26°25	22°19	26°51	19°56	14°28	24°12	1°40	15°31	14°45	15°13	16°40	n.a.	S 13
S 14	7 27 29	23°50'02	10♋17	27° 8	23°31	26°46	20° 6	14°34	24°10	1°39	15°32	14°34	15° 9	16°46	n.a.	S 14
M15	7 31 26	24°48'14	24°45	27°54	24°43	26°41	20°16	14°40	24° 8	1°37	15°32	14°23	15° 6	16°53	n.a.	M15
T 16	7 35 22	25°46'24	9♌28	28°43	25°55	26°35	20°27	14°46	24° 6	1°36	15°32	14°12	15° 3	17° 0	n.a.	T 16
W17	7 39 19	26°44'31	24°16	29°36	27° 7	26°28	20°37	14°52	24° 4	1°34	15°R32	14° 3	15° 0	17° 6	n.a.	W17
T 18	7 43 15	27°42'37	9♍ 3	0♉32	28°19	26°21	20°48	14°59	24° 2	1°33	15°32	13°57	14°57	17°13	n.a.	T 18
F 19	7 47 12	28°40'41	23°41	1°31	29°31	26°13	20°58	15° 5	24° 0	1°31	15°32	13°54	14°53	17°20	n.a.	F 19
S 20	7 51 8	29°38'43	8♎ 5	2°33	0♉44	26° 4	21° 9	15°11	23°57	1°30	15°32	13°D52	14°50	17°26	n.a.	S 20
S 21	7 55 5	0♒36'44	22°13	3°38	1°56	25°54	21°20	15°18	23°55	1°29	15°32	13°52	14°47	17°33	n.a.	S 21
M22	7 59 1	1°34'43	6♏ 4	4°45	3° 8	25°44	21°31	15°24	23°53	1°27	15°31	13°R52	14°44	17°40	n.a.	M22
T 23	8 2 58	2°32'41	19°40	5°55	4°20	25°32	21°42	15°31	23°51	1°26	15°31	13°51	14°41	17°46	n.a.	T 23
W24	8 6 54	3°30'37	3♐ 0	7° 7	5°32	25°20	21°53	15°37	23°48	1°24	15°31	13°48	14°38	17°53	n.a.	W24
T 25	8 10 51	4°28'31	16° 7	8°22	6°45	25° 8	22° 4	15°44	23°46	1°23	15°31	13°42	14°34	18° 0	n.a.	T 25
F 26	8 14 48	5°26'24	29° 1	9°39	7°57	24°55	22°15	15°51	23°44	1°22	15°31	13°34	14°31	18° 6	n.a.	F 26
S 27	8 18 44	6°24'16	11♉44	10°58	9° 9	24°41	22°26	15°57	23°41	1°21	15°30	13°23	14°28	18°13	n.a.	S 27
S 28	8 22 41	7♒22'06	24♉15	12♉20	10♉22	24♌26	22♓38	16♓ 4	23♌39	1♋19	15♎30	13♈12	14♈25	18♓20	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	23s38	25s58	4s53	21s37	2n21	22s 8	0n 7	16n39	3n58	5s47	1s 1	8s55	2s23	14n33	0n54	25n12	1n 6	2s 4	4n33	6n22	6n24	8s20		n.a.	M 1
T 2	23 32	22 33	4 33	21 50	2 7	22 22	0 4	16 38	3 59	5 44	1 1	8 52	2 23	14 33	0 54	25 12	1 6	2 4	4 33	6 18	6 23	8 17		n.a.	T 2
W 3	23 27	18 13	4 1	22 4	1 52	22 36	0 1	16 38	4 0	5 40	1 0	8 50	2 23	14 34	0 54	25 12	1 6	2 4	4 33	6 14	6 22	8 14		n.a.	W 3
T 4	23 21	13 15	3 18	22 18	1 38	22 50	0s 2	16 38	4 2	5 36	1 0	8 48	2 22	14 34	0 54	25 12	1 6	2 4	4 33	6 11	6 21	8 10		n.a.	T 4
F 5	23 14	7 50	2 27	22 33	1 24	23 2	0 5	16 39	4 3	5 32	1 0	8 45	2 22	14 35	0 54	25 12	1 6	2 5	4 34	6 9	6 19	8 7		n.a.	F 5
S 6	23 7	2 11	1 29	22 47	1 9	23 15	0 8	16 39	4 4	5 28	1 0	8 43	2 22	14 36	0 54	25 12	1 6	2 5	4 34	6 8	6 18	8 4		n.a.	S 6
S 7	23 0	3n34	0 28	23 2	0 56	23 26	0 11	16 40	4 5	5 24	0 59	8 41	2 22	14 36	0 54	25 12	1 6	2 5	4 34	6 8	6 17	8 0		n.a.	S 7
M 8	22 52	9 15	0n35	23 16	0 42	23 37	0 13	16 41	4 6	5 20	0 59	8 38	2 21	14 37	0 54	25 12	1 6	2 5	4 34	6 8	6 15	7 57		n.a.	M 8
T 9	22 44	14 42	1 38	23 31	0 29	23 47	0 16	16 42	4 7	5 16	0 59	8 36	2 21	14 37	0 54	25 12	1 6	2 5	4 34	6 7	6 14	7 54		n.a.	T 9
W10	22 35	19 42	2 37	23 45	0 16	23 56	0 19	16 44	4 8	5 12	0 59	8 33	2 21	14 38	0 54	25 12	1 6	2 5	4 34	6 6	6 13	7 50		n.a.	W10
T 11	22 26	23 58	3 31	23 58	0 3	24 5	0 22	16 45	4 9	5 7	0 58	8 31	2 21	14 39	0 54	25 12	1 6	2 5	4 34	6 5	6 12	7 47		n.a.	T 11
F 12	22 17	27 8	4 14	24 12	0s 9	24 13	0 25	16 47	4 10	5 3	0 58	8 28	2 20	14 40	0 54	25 12	1 6	2 5	4 34	6 2	6 10	7 43		n.a.	F 12
S 13	22 7	28 49	4 45	24 25	0 21	24 20	0 27	16 49	4 11	4 59	0 58	8 26	2 20	14 40	0 54	25 12	1 6	2 5	4 34	5 58	6 9	7 40		n.a.	S 13
S 14	21 57	28 41	5 0	24 37	0 32	24 27	0 30	16 51	4 11	4 54	0 58	8 23	2 20	14 41	0 54	25 12	1 6	2 5	4 34	5 54	6 8	7 37		n.a.	S 14
M15	21 46	26 37	4 56	24 48	0 42	24 33	0 33	16 54	4 12	4 50	0 57	8 20	2 20	14 42	0 54	25 12	1 6	2 5	4 34	5 49	6 7	7 33		n.a.	M15
T 16	21 35	22 45	4 32	24 59	0 53	24 38	0 35	16 56	4 13	4 46	0 57	8 18	2 19	14 42	0 54	25 12	1 6	2 5	4 34	5 45	6 5	7 30		n.a.	T 16
W17	21 24	17 25	3 50	25 9	1 2	24 43	0 38	16 59	4 13	4 41	0 57	8 15	2 19	14 43	0 54	25 12	1 6	2 5	4 34	5 42	6 4	7 26		n.a.	W17
T 18	21 12	11 4	2 53	25 18	1 11	24 46	0 40	17 2	4 14	4 37	0 57	8 12	2 19	14 44	0 54	25 12	1 6	2 5	4 34	5 39	6 3	7 23		n.a.	T 18
F 19	21 0	4 11	1 45	25 26	1 20	24 49	0 43	17 6	4 14	4 32	0 57	8 10	2 19	14 45	0 54	25 12	1 6	2 5	4 34	5 38	6 2	7 20		n.a.	F 19
S 20	20 48	2s49	0 31	25 33	1 28	24 52	0 45	17 9	4 14	4 28	0 56	8 7	2 19	14 45	0 54	25 12	1 6	2 5	4 34	5 37	6 0	7 16		n.a.	S 20
S 21	20 35	9 34	0s44	25 39	1 35	24 53	0 47	17 13	4 15	4 23	0 56	8 4	2 18	14 46	0 54	25 12	1 6	2 5	4 34	5 37	5 59	7 13		n.a.	S 21
M22	20 22	15 43	1 55	25 44	1 42	24 54	0 49	17 17	4 15	4 19	0 56	8 1	2 18	14 47	0 54	25 12	1 6	2 5	4 34	5 37	5 58	7 9		n.a.	M22
T 23	20 9	20 59	2 58	25 47	1 49	24 54	0 52	17 21	4 15	4 14	0 56	7 59	2 18	14 48	0 54	25 12	1 6	2 5	4 34	5 37	5 57	7 6		n.a.	T 23
W24	19 55	25 6	3 50	25 50	1 55	24 54	0 54	17 25	4 15	4 9	0 55	7 56	2 18	14 49	0 54	25 12	1 6	2 5	4 34	5 36	5 55	7 3		n.a.	W24
T 25	19 41	27 49	4 28	25 50	2 0	24 52	0 56	17 29	4 15	4 5	0 55	7 53	2 18	14 49	0 54	25 12	1 6	2 4	4 34	5 33	5 54	6 59		n.a.	T 25
F 26	19 26	28 59	4 53	25 49	2 5	24 50	0 58	17 34	4 14	4 0	0 55	7 50	2 17	14 50	0 54	25 12	1 6	2 4	4 34	5 30	5 53	6 56		n.a.	F 26
S 27	19 12	28 36	5 2	25 47	2 9	24 47	1 0	17 38	4 14	3 55	0 55	7 47	2 17	14 51	0 54	25 12	1 6	2 4	4 34	5 26	5 52	6 52		n.a.	S 27
S 28	18s57	26s44	4s57	25s43	2s12	24s44	1s 2	17n43	4n14	3s50	0s55	7s44	2s17	14n52	0n54	25n12	1n 6	2s 4	4n34	5n21	5n50	6s49		n.a.	S 28

Julian Day Number = 203475.5, Delta T = 32h05m51s
Ecliptic obliquity = 24°06'57, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'11, Lahiri = -61°03'10 Julian Calendar 1 Feb. 4156 BCE == Greg. Calendar 30 Dec. 4157 BCE

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

MARCH 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 26 37	8♒19'53	6♒36	13♉43	11♉34	24°R11	22♓49	16♓11	23°R37	1°R18	15°R30	13°R 0	14♈22	18♓26	n.a.	M 1
T 2	8 30 34	9°17'40	18°46	15° 9	12°46	23♌55	23° 1	16°18	23♌34	1♋17	15♎29	12♈49	14°19	18°33	n.a.	T 2
W 3	8 34 30	10°15'24	0♓47	16°37	13°59	23°39	23°12	16°25	23°32	1°16	15°29	12°40	14°15	18°40	n.a.	W 3
T 4	8 38 27	11°13'07	12°40	18° 7	15°11	23°22	23°24	16°32	23°29	1°14	15°29	12°33	14°12	18°46	n.a.	T 4
F 5	8 42 23	12°10'48	24°29	19°39	16°23	23° 4	23°36	16°39	23°27	1°13	15°28	12°29	14° 9	18°53	n.a.	F 5
S 6	8 46 20	13° 8'27	6♈15	21°13	17°36	22°47	23°48	16°46	23°25	1°12	15°28	12°28	14° 6	19° 0	n.a.	S 6
S 7	8 50 16	14° 6'04	18° 5	22°49	18°48	22°28	24° 0	16°53	23°22	1°11	15°27	12°D28	14° 3	19° 6	n.a.	S 7
M 8	8 54 13	15° 3'40	0♉ 1	24°27	20° 1	22°10	24°11	17° 0	23°20	1°10	15°27	12°28	13°59	19°13	n.a.	M 8
T 9	8 58 9	16° 1'14	12° 9	26° 7	21°13	21°51	24°23	17° 7	23°17	1° 9	15°26	12°R29	13°56	19°20	n.a.	T 9
W10	9 2 6	16°58'46	24°35	27°49	22°26	21°31	24°36	17°15	23°15	1° 8	15°25	12°29	13°53	19°26	n.a.	W10
T 11	9 6 3	17°56'16	7♊23	29°33	23°38	21°12	24°48	17°22	23°12	1° 7	15°25	12°27	13°50	19°33	n.a.	T 11
F 12	9 9 59	18°53'45	20°37	1♒19	24°50	20°52	25° 0	17°29	23°10	1° 6	15°24	12°23	13°47	19°40	n.a.	F 12
S 13	9 13 56	19°51'12	4♋19	3° 7	26° 3	20°32	25°12	17°37	23° 7	1° 5	15°23	12°17	13°44	19°46	n.a.	S 13
S 14	9 17 52	20°48'38	18°30	4°57	27°15	20°12	25°24	17°44	23° 5	1° 4	15°23	12°10	13°40	19°53	n.a.	S 14
M15	9 21 49	21°46'02	3♌ 6	6°49	28°28	19°52	25°37	17°51	23° 2	1° 3	15°22	12° 2	13°37	20° 0	n.a.	M15
T 16	9 25 45	22°43'24	18° 1	8°43	29°41	19°32	25°49	17°59	23° 0	1° 2	15°21	11°55	13°34	20° 6	n.a.	T 16
W17	9 29 42	23°40'45	3♍ 6	10°39	0♒53	19°12	26° 2	18° 6	22°57	1° 1	15°21	11°49	13°31	20°13	n.a.	W17
T 18	9 33 38	24°38'05	18°12	12°37	2° 6	18°52	26°14	18°14	22°55	1° 0	15°20	11°45	13°28	20°20	n.a.	T 18
F 19	9 37 35	25°35'24	3♎10	14°37	3°18	18°31	26°27	18°21	22°52	0°59	15°19	11°43	13°24	20°26	n.a.	F 19
S 20	9 41 31	26°32'42	17°52	16°38	4°31	18°11	26°39	18°29	22°50	0°59	15°18	11°D43	13°21	20°33	n.a.	S 20
S 21	9 45 28	27°29'59	2♏14	18°41	5°43	17°52	26°52	18°37	22°47	0°58	15°17	11°44	13°18	20°39	n.a.	S 21
M22	9 49 25	28°27'15	16°14	20°46	6°56	17°32	27° 5	18°44	22°45	0°57	15°16	11°45	13°15	20°46	n.a.	M22
T 23	9 53 21	29°24'30	29°52	22°53	8° 9	17°13	27°17	18°52	22°42	0°57	15°15	11°R46	13°12	20°53	n.a.	T 23
W24	9 57 18	0♓21'45	13♐ 8	25° 0	9°21	16°54	27°30	19° 0	22°40	0°56	15°14	11°45	13° 9	20°59	n.a.	W24
T 25	10 1 14	1°18'59	26° 6	27° 9	10°34	16°35	27°43	19° 7	22°37	0°55	15°13	11°42	13° 5	21° 6	n.a.	T 25
F 26	10 5 11	2°16'12	8♉48	29°19	11°47	16°17	27°56	19°15	22°35	0°55	15°12	11°38	13° 2	21°13	n.a.	F 26
S 27	10 9 7	3°13'24	21°16	1♓29	13° 0	15°59	28° 9	19°23	22°32	0°54	15°11	11°33	12°59	21°19	n.a.	S 27
S 28	10 13 4	4°10'36	3♒33	3°41	14°12	15°42	28°22	19°31	22°30	0°53	15°10	11°26	12°56	21°26	n.a.	S 28
M29	10 17 1	5° 7'46	15°40	5°52	15°25	15°25	28°35	19°38	22°27	0°53	15° 9	11°20	12°53	21°33	n.a.	M29
T 30	10 20 57	6° 4'56	27°39	8° 3	16°38	15° 8	28°48	19°46	22°25	0°52	15° 8	11°14	12°50	21°39	n.a.	T 30
W31	10 24 54	7♓ 2'05	9♓32	10♓14	17♒51	14♌53	29♓ 1	19♓54	22♌23	0♋52	15♎ 7	11♈ 9	12♈46	21♓46	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18s41	23s37	4s37	25s38	2s15	24s39	1s 4	17n48	4n13	3s45	0s54	7s42	2s17	14n53	0n54	25n12	1n 6	2s 4	4n35	5n16	5n49	6s46		n.a.
T 2	18 26	19 30	4 6	25 30	2 18	24 34	1 6	17 53	4 12	3 40	0 54	7 39	2 17	14 53	0 54	25 12	1 6	2 4	4 35	5 12	5 48	6 42		n.a.
W 3	18 10	14 39	3 23	25 21	2 20	24 29	1 7	17 58	4 12	3 36	0 54	7 36	2 17	14 54	0 54	25 12	1 6	2 3	4 35	5 8	5 46	6 39		n.a.
T 4	17 54	9 19	2 32	25 11	2 21	24 22	1 9	18 3	4 11	3 31	0 54	7 33	2 16	14 55	0 54	25 12	1 6	2 3	4 35	5 6	5 45	6 35		n.a.
F 5	17 37	3 42	1 35	24 58	2 22	24 15	1 11	18 8	4 10	3 26	0 54	7 30	2 16	14 56	0 54	25 12	1 6	2 3	4 35	5 4	5 44	6 32		n.a.
S 6	17 21	2n 3	0 33	24 43	2 22	24 7	1 12	18 13	4 9	3 21	0 53	7 27	2 16	14 57	0 54	25 12	1 6	2 3	4 35	5 3	5 43	6 29		n.a.
S 7	17 4	7 45	0n30	24 27	2 21	23 58	1 14	18 18	4 8	3 16	0 53	7 24	2 16	14 58	0 54	25 12	1 6	2 3	4 35	5 3	5 41	6 25		n.a.
M 8	16 46	13 14	1 33	24 8	2 20	23 49	1 15	18 23	4 6	3 11	0 53	7 21	2 16	14 58	0 54	25 12	1 6	2 2	4 35	5 4	5 40	6 22		n.a.
T 9	16 29	18 19	2 32	23 47	2 19	23 39	1 17	18 28	4 5	3 6	0 53	7 18	2 16	14 59	0 54	25 12	1 6	2 2	4 35	5 4	5 39	6 18		n.a.
W10	16 11	22 46	3 26	23 24	2 16	23 28	1 18	18 33	4 3	3 1	0 53	7 15	2 15	15 0	0 54	25 12	1 6	2 2	4 35	5 4	5 38	6 15		n.a.
T 11	15 53	26 17	4 12	23 0	2 13	23 17	1 19	18 38	4 2	2 55	0 52	7 12	2 15	15 1	0 54	25 12	1 6	2 2	4 35	5 3	5 36	6 11		n.a.
F 12	15 35	28 31	4 45	22 32	2 10	23 5	1 20	18 43	4 0	2 50	0 52	7 8	2 15	15 2	0 54	25 12	1 6	2 1	4 35	5 2	5 35	6 8		n.a.
S 13	15 16	29 6	5 4	22 3	2 6	22 52	1 22	18 48	3 58	2 45	0 52	7 5	2 15	15 3	0 54	25 12	1 6	2 1	4 35	4 59	5 34	6 5		n.a.
S 14	14 58	27 50	5 5	21 32	2 2	22 39	1 23	18 52	3 56	2 40	0 52	7 2	2 15	15 4	0 54	25 12	1 6	2 1	4 35	4 56	5 33	6 1		n.a.
M15	14 39	24 39	4 46	20 58	1 56	22 25	1 24	18 57	3 54	2 35	0 52	6 59	2 15	15 4	0 54	25 12	1 6	2 0	4 35	4 53	5 31	5 58		n.a.
T 16	14 20	19 47	4 8	20 22	1 51	22 10	1 25	19 1	3 51	2 30	0 52	6 56	2 15	15 5	0 54	25 12	1 5	2 0	4 35	4 50	5 30	5 54		n.a.
W17	14 0	13 38	3 13	19 44	1 44	21 55	1 25	19 6	3 49	2 24	0 51	6 53	2 14	15 6	0 54	25 12	1 5	2 0	4 35	4 48	5 29	5 51		n.a.
T 18	13 41	6 40	2 3	19 3	1 38	21 39	1 26	19 10	3 46	2 19	0 51	6 50	2 14	15 7	0 54	25 12	1 5	2 0	4 35	4 46	5 27	5 47		n.a.
F 19	13 21	0s36	0 46	18 21	1 30	21 22	1 27	19 14	3 44	2 14	0 51	6 47	2 14	15 8	0 54	25 12	1 5	1 59	4 35	4 46	5 26	5 44		n.a.
S 20	13 1	7 43	0s33	17 36	1 22	21 5	1 28	19 18	3 41	2 8	0 51	6 43	2 14	15 9	0 54	25 12	1 5	1 59	4 35	4 46	5 25	5 41		n.a.
S 21	12 41	14 17	1 49	16 49	1 14	20 48	1 28	19 21	3 38	2 3	0 51	6 40	2 14	15 9	0 54	25 12	1 5	1 58	4 35	4 46	5 24	5 37		n.a.
M22	12 20	19 58	2 56	16 0	1 5	20 29	1 29	19 25	3 35	1 58	0 51	6 37	2 14	15 10	0 54	25 12	1 5	1 58	4 35	4 46	5 22	5 34		n.a.
T 23	12 0	24 27	3 51	15 10	0 56	20 10	1 29	19 28	3 32	1 52	0 50	6 34	2 14	15 11	0 54	25 12	1 5	1 58	4 35	4 47	5 21	5 30		n.a.
W24	11 39	27 31	4 32	14 17	0 47	19 51	1 29	19 31	3 29	1 47	0 50	6 31	2 14	15 12	0 54	25 12	1 5	1 57	4 35	4 46	5 20	5 27		n.a.
T 25	11 19	29 2	4 59	13 23	0 37	19 31	1 30	19 34	3 26	1 42	0 50	6 28	2 13	15 13	0 54	25 12	1 5	1 57	4 35	4 45	5 19	5 23		n.a.
F 26	10 58	28 58	5 10	12 27	0 27	19 11	1 30	19 37	3 23	1 36	0 50	6 24	2 13	15 14	0 54	25 12	1 5	1 57	4 35	4 44	5 17	5 20		n.a.
S 27	10 36	27 24	5 5	11 30	0 17	18 50	1 30	19 39	3 19	1 31	0 50	6 21	2 13	15 14	0 54	25 12	1 5	1 56	4 35	4 41	5 16	5 16		n.a.
S 28	10 15	24 33	4 47	10 32	0 6	18 28	1 30	19 41	3 16	1 25	0 50	6 18	2 13	15 15	0 54	25 12	1 5	1 56	4 35	4 39	5 15	5 13		n.a.
M29	9 54	20 39	4 17	9 33	0n 4	18 6	1 30	19 43	3 12	1 20	0 49	6 15	2 13	15 16	0 54	25 12	1 5	1 55	4 35	4 36	5 14	5 10		n.a.
T 30	9 32	15 58	3 35	8 34	0 15	17 43	1 30	19 45	3 9	1 14	0 49	6 11	2 13	15 17	0 54	25 12	1 5	1 55	4 35	4 34	5 12	5 6		n.a.
W31	9s10	10s43	2s44	7s34	0n25	17s20	1s30	19n46	3n 5	1s 9	0s49	6s 8	2s13	15n18	0n54	25n12	1n 5	1s55	4n35	4n32	5n11	5s 3		n.a.

Julian Day Number = 203503.5, Delta T = 32h05m48s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'07, Lahiri = -61°03'07 Julian Calendar 1 March 4156 BCE == Greg. Calendar 27 Jan. 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

APRIL 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 28 50	7♓59'13	21♓21	12♓25	19♒ 4	14°R37	29♓14	20♓ 2	22°R20	0°R52	15°R 6	11°R 5	12♈43	21♓53	n.a.	T 1
F 2	10 32 47	8°56'21	3♈ 8	14°34	20°17	14♌23	29°27	20°10	22♌18	0♋51	15♎ 5	11♈ 4	12°40	21°59	n.a.	F 2
S 3	10 36 43	9°53'27	14°56	16°43	21°29	14° 9	29°40	20°18	22°15	0°51	15° 4	11°D 3	12°37	22° 6	n.a.	S 3
S 4	10 40 40	10°50'33	26°47	18°50	22°42	13°56	29°54	20°26	22°13	0°50	15° 3	11° 4	12°34	22°13	n.a.	S 4
M 5	10 44 36	11°47'38	8♉46	20°56	23°55	13°43	0♈ 7	20°33	22°11	0°50	15° 1	11° 6	12°30	22°19	n.a.	M 5
T 6	10 48 33	12°44'42	20°56	23° 0	25° 8	13°32	0°20	20°41	22° 9	0°50	15° 0	11° 8	12°27	22°26	n.a.	T 6
W 7	10 52 30	13°41'45	3♊22	25° 2	26°21	13°21	0°33	20°49	22° 6	0°50	14°59	11° 9	12°24	22°33	n.a.	W 7
T 8	10 56 26	14°38'47	16° 7	27° 2	27°34	13°11	0°47	20°57	22° 4	0°49	14°58	11°R 9	12°21	22°39	n.a.	T 8
F 9	11 0 23	15°35'49	29°17	29° 0	28°47	13° 1	1° 0	21° 5	22° 2	0°49	14°56	11° 8	12°18	22°46	n.a.	F 9
S 10	11 4 19	16°32'50	12♋54	0♈56	29°59	12°53	1°13	21°13	22° 0	0°49	14°55	11° 7	12°15	22°53	n.a.	S 10
S 11	11 8 16	17°29'50	26°58	2°50	1♓13	12°45	1°27	21°21	21°57	0°49	14°54	11° 4	12°11	22°59	n.a.	S 11
M12	11 12 12	18°26'50	11♌29	4°42	2°26	12°38	1°40	21°29	21°55	0°49	14°53	11° 1	12° 8	23° 6	n.a.	M12
T 13	11 16 9	19°23'48	26°22	6°31	3°39	12°32	1°53	21°37	21°53	0°49	14°51	10°58	12° 5	23°13	n.a.	T 13
W14	11 20 6	20°20'47	11♍29	8°18	4°52	12°27	2° 7	21°45	21°51	0°D49	14°50	10°56	12° 2	23°19	n.a.	W14
T 15	11 24 2	21°17'45	26°42	10° 2	6° 5	12°22	2°20	21°53	21°49	0°49	14°48	10°55	11°59	23°26	n.a.	T 15
F 16	11 27 59	22°14'42	11♎51	11°44	7°18	12°19	2°34	22° 1	21°47	0°49	14°47	10°D54	11°56	23°33	n.a.	F 16
S 17	11 31 55	23°11'40	26°47	13°24	8°31	12°16	2°47	22° 9	21°45	0°49	14°46	10°55	11°52	23°39	n.a.	S 17
S 18	11 35 52	24° 8'37	11♏23	15° 1	9°45	12°14	3° 1	22°17	21°43	0°49	14°44	10°56	11°49	23°46	n.a.	S 18
M19	11 39 48	25° 5'35	25°35	16°36	10°58	12°13	3°14	22°25	21°41	0°49	14°43	10°57	11°46	23°53	n.a.	M19
T 20	11 43 45	26° 2'32	9♐21	18° 9	12°11	12°D13	3°28	22°33	21°39	0°49	14°42	10°58	11°43	23°59	n.a.	T 20
W21	11 47 42	26°59'30	22°42	19°39	13°24	12°13	3°41	22°41	21°37	0°50	14°40	10°R58	11°40	24° 6	n.a.	W21
T 22	11 51 38	27°56'29	5♑40	21° 6	14°37	12°14	3°55	22°49	21°35	0°50	14°39	10°58	11°36	24°12	n.a.	T 22
F 23	11 55 35	28°53'27	18°17	22°31	15°51	12°17	4° 8	22°56	21°33	0°50	14°37	10°58	11°33	24°19	n.a.	F 23
S 24	11 59 31	29°50'26	0♒38	23°54	17° 4	12°20	4°22	23° 4	21°32	0°50	14°36	10°57	11°30	24°26	n.a.	S 24
S 25	12 3 28	0♈47'25	12°46	25°14	18°17	12°23	4°35	23°12	21°30	0°51	14°34	10°55	11°27	24°32	n.a.	S 25
M26	12 7 24	1°44'24	24°45	26°31	19°31	12°28	4°49	23°20	21°28	0°51	14°33	10°54	11°24	24°39	n.a.	M26
T 27	12 11 21	2°41'23	6♓37	27°46	20°44	12°33	5° 2	23°28	21°26	0°52	14°31	10°53	11°21	24°46	n.a.	T 27
W28	12 15 18	3°38'23	18°25	28°58	21°57	12°39	5°16	23°36	21°25	0°52	14°30	10°52	11°17	24°52	n.a.	W28
T 29	12 19 14	4°35'23	0♈12	0♉ 7	23°11	12°46	5°30	23°44	21°23	0°52	14°28	10°51	11°14	24°59	n.a.	T 29
F 30	12 23 11	5♈32'23	12♈ 1	1♉13	24♓24	12♌54	5♈43	23♓52	21♌22	0♋53	14♎27	10°D51	11♈11	25♓ 6	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8s48	5s 8	1s46	6s33	0n35	16s57	1s30	19n48	3n 2	1s 4	0s49	6s 5	2s13	15n18	0n54	25n12	1n 5	1s54	4n35	4n30	5n10	4s59		n.a.
F 2	8 27	0n38	0 43	5 33	0 45	16 33	1 30	19 48	2 58	0 58	0 49	6 2	2 13	15 19	0 54	25 12	1 5	1 54	4 35	4 30	5 8	4 56		n.a.
S 3	8 4	6 22	0n21	4 33	0 55	16 9	1 30	19 49	2 54	0 53	0 49	5 58	2 13	15 20	0 54	25 12	1 5	1 53	4 35	4 30	5 7	4 52		n.a.
S 4	7 42	11 56	1 25	3 34	1 4	15 44	1 29	19 49	2 50	0 47	0 49	5 55	2 13	15 21	0 54	25 12	1 5	1 53	4 35	4 30	5 6	4 49		n.a.
M 5	7 20	17 7	2 26	2 35	1 13	15 19	1 29	19 50	2 47	0 41	0 48	5 52	2 13	15 21	0 54	25 12	1 5	1 52	4 35	4 31	5 5	4 45		n.a.
T 6	6 58	21 44	3 22	1 37	1 22	14 53	1 28	19 49	2 43	0 36	0 48	5 49	2 12	15 22	0 54	25 12	1 5	1 52	4 35	4 31	5 3	4 42		n.a.
W 7	6 35	25 29	4 9	0 40	1 30	14 27	1 28	19 49	2 39	0 30	0 48	5 45	2 12	15 23	0 54	25 12	1 5	1 51	4 35	4 32	5 2	4 38		n.a.
T 8	6 13	28 6	4 45	0n16	1 37	14 1	1 27	19 48	2 35	0 25	0 48	5 42	2 12	15 24	0 54	25 12	1 5	1 51	4 35	4 32	5 1	4 35		n.a.
F 9	5 50	29 15	5 8	1 10	1 44	13 34	1 26	19 47	2 31	0 19	0 48	5 39	2 12	15 24	0 54	25 12	1 5	1 50	4 35	4 32	5 0	4 31		n.a.
S 10	5 27	28 41	5 14	2 4	1 50	13 7	1 26	19 46	2 27	0 14	0 48	5 35	2 12	15 25	0 54	25 12	1 5	1 50	4 35	4 31	4 58	4 28		n.a.
S 11	5 4	26 18	5 3	2 55	1 56	12 40	1 25	19 45	2 23	0 8	0 48	5 32	2 12	15 26	0 54	25 12	1 5	1 50	4 35	4 30	4 57	4 25		n.a.
M12	4 42	22 9	4 31	3 45	2 1	12 12	1 24	19 43	2 20	0 3	0 48	5 29	2 12	15 27	0 54	25 12	1 5	1 49	4 35	4 29	4 56	4 21		n.a.
T 13	4 19	16 32	3 41	4 34	2 5	11 44	1 23	19 41	2 16	0n 3	0 47	5 26	2 12	15 27	0 54	25 12	1 5	1 49	4 35	4 28	4 54	4 18		n.a.
W14	3 56	9 50	2 35	5 21	2 9	11 16	1 22	19 39	2 12	0 9	0 47	5 22	2 12	15 28	0 54	25 12	1 5	1 48	4 35	4 27	4 53	4 14		n.a.
T 15	3 33	2 32	1 18	6 6	2 12	10 47	1 21	19 36	2 8	0 14	0 47	5 19	2 12	15 29	0 54	25 12	1 5	1 48	4 35	4 26	4 52	4 11		n.a.
F 16	3 10	4s54	0s 5	6 50	2 15	10 18	1 20	19 34	2 4	0 20	0 47	5 16	2 12	15 29	0 54	25 12	1 5	1 47	4 34	4 26	4 51	4 7		n.a.
S 17	2 46	11 57	1 27	7 31	2 17	9 49	1 19	19 31	2 0	0 25	0 47	5 13	2 12	15 30	0 54	25 12	1 5	1 47	4 34	4 26	4 49	4 4		n.a.
S 18	2 23	18 13	2 41	8 11	2 18	9 20	1 18	19 28	1 56	0 31	0 47	5 9	2 12	15 31	0 54	25 12	1 5	1 46	4 34	4 27	4 48	4 0		n.a.
M19	2 0	23 18	3 43	8 49	2 18	8 50	1 16	19 24	1 52	0 37	0 47	5 6	2 12	15 31	0 54	25 12	1 5	1 46	4 34	4 27	4 47	3 57		n.a.
T 20	1 37	26 55	4 30	9 26	2 18	8 20	1 15	19 21	1 49	0 42	0 47	5 3	2 12	15 32	0 54	25 12	1 5	1 45	4 34	4 27	4 45	3 53		n.a.
W21	1 14	28 55	5 1	10 0	2 17	7 50	1 14	19 17	1 45	0 48	0 46	5 0	2 12	15 32	0 54	25 12	1 5	1 45	4 34	4 28	4 44	3 50		n.a.
T 22	0 50	29 14	5 15	10 33	2 16	7 20	1 12	19 13	1 41	0 54	0 46	4 56	2 12	15 33	0 54	25 12	1 5	1 44	4 34	4 28	4 43	3 46		n.a.
F 23	0 27	28 0	5 14	11 4	2 14	6 49	1 11	19 9	1 37	0 59	0 46	4 53	2 12	15 34	0 54	25 12	1 5	1 44	4 34	4 27	4 42	3 43		n.a.
S 24	0 4	25 25	4 58	11 33	2 11	6 18	1 9	19 5	1 34	1 5	0 46	4 50	2 12	15 34	0 54	25 11	1 5	1 43	4 34	4 27	4 40	3 39		n.a.
S 25	0n19	21 44	4 29	12 0	2 8	5 48	1 8	19 0	1 30	1 10	0 46	4 47	2 12	15 35	0 53	25 11	1 5	1 42	4 34	4 26	4 39	3 36		n.a.
M26	0 43	17 13	3 49	12 25	2 4	5 17	1 6	18 55	1 26	1 16	0 46	4 43	2 12	15 35	0 53	25 11	1 5	1 42	4 34	4 26	4 38	3 32		n.a.
T 27	1 6	12 5	2 59	12 49	1 59	4 45	1 4	18 50	1 23	1 22	0 46	4 40	2 12	15 36	0 53	25 11	1 5	1 41	4 34	4 25	4 37	3 29		n.a.
W28	1 29	6 33	2 1	13 11	1 54	4 14	1 3	18 45	1 19	1 27	0 46	4 37	2 12	15 36	0 53	25 11	1 5	1 41	4 34	4 25	4 35	3 25		n.a.
T 29	1 52	0 49	0 59	13 30	1 48	3 43	1 1	18 40	1 16	1 33	0 46	4 34	2 12	15 37	0 53	25 11	1 5	1 40	4 34	4 25	4 34	3 22		n.a.
F 30	2n16	4n59	0n 6	13n48	1n41	3s11	0s59	18n34	1n12	1n38	0s46	4s31	2s12	15n37	0n53	25n11	1n 5	1s40	4n34	4n25	4n33	3s18		n.a.

Julian Day Number = 203534.5, Delta T = 32h05m45s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°10'03, Lahiri = -61°03'03 Julian Calendar 1 Apr. 4156 BCE == Greg. Calendar 27 Feb. 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

MAY 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 27 7	6♈29'23	23♈53	2♉17	25♓38	13♌ 2	5♈57	24♓ 0	21°R20	0♋53	14°R25	10♈51	11♈ 8	25♓12	n.a.	S 1
S 2	12 31 4	7°26'23	5♉51	3°17	26°51	13°12	6°10	24° 7	21♌19	0°54	14♎24	10°52	11° 5	25°19	n.a.	S 2
M 3	12 35 0	8°23'24	17°57	4°14	28° 4	13°22	6°24	24°15	21°17	0°55	14°22	10°52	11° 1	25°26	n.a.	M 3
T 4	12 38 57	9°20'25	0♊14	5° 8	29°18	13°32	6°37	24°23	21°16	0°55	14°21	10°52	10°58	25°32	n.a.	T 4
W 5	12 42 54	10°17'26	12°46	5°59	0♈31	13°44	6°51	24°31	21°14	0°56	14°19	10°52	10°55	25°39	n.a.	W 5
T 6	12 46 50	11°14'28	25°34	6°46	1°45	13°56	7° 5	24°39	21°13	0°57	14°18	10°R52	10°52	25°46	n.a.	T 6
F 7	12 50 47	12°11'30	8♋43	7°30	2°59	14° 9	7°18	24°46	21°12	0°57	14°16	10°D52	10°49	25°52	n.a.	F 7
S 8	12 54 43	13° 8'32	22°13	8°10	4°12	14°22	7°32	24°54	21°11	0°58	14°15	10°52	10°46	25°59	n.a.	S 8
S 9	12 58 40	14° 5'34	6♌ 8	8°46	5°26	14°36	7°45	25° 2	21° 9	0°59	14°13	10°53	10°42	26° 6	n.a.	S 9
M10	13 2 36	15° 2'36	20°25	9°18	6°39	14°51	7°59	25° 9	21° 8	1° 0	14°12	10°53	10°39	26°12	n.a.	M10
T 11	13 6 33	15°59'39	5♍ 4	9°46	7°53	15° 7	8°12	25°17	21° 7	1° 0	14°10	10°53	10°36	26°19	n.a.	T 11
W12	13 10 30	16°56'42	20° 0	10° 9	9° 7	15°23	8°26	25°25	21° 6	1° 1	14° 9	10°54	10°33	26°26	n.a.	W12
T 13	13 14 26	17°53'45	5♎ 5	10°28	10°20	15°39	8°39	25°32	21° 5	1° 2	14° 7	10°R54	10°30	26°32	n.a.	T 13
F 14	13 18 23	18°50'49	20°11	10°43	11°34	15°57	8°53	25°40	21° 4	1° 3	14° 6	10°54	10°27	26°39	n.a.	F 14
S 15	13 22 19	19°47'54	5♏ 9	10°52	12°48	16°14	9° 6	25°47	21° 3	1° 4	14° 4	10°53	10°23	26°45	n.a.	S 15
S 16	13 26 16	20°45'00	19°51	10°57	14° 2	16°33	9°19	25°55	21° 2	1° 5	14° 3	10°53	10°20	26°52	n.a.	S 16
M17	13 30 12	21°42'07	4♐11	10°R58	15°15	16°52	9°33	26° 2	21° 2	1° 6	14° 1	10°51	10°17	26°59	n.a.	M17
T 18	13 34 9	22°39'15	18° 5	10°53	16°29	17°12	9°46	26°10	21° 1	1° 7	14° 0	10°50	10°14	27° 5	n.a.	T 18
W19	13 38 6	23°36'24	1♑33	10°43	17°43	17°32	9°59	26°17	21° 0	1° 8	13°58	10°49	10°11	27°12	n.a.	W19
T 20	13 42 2	24°33'34	14°34	10°29	18°57	17°52	10°13	26°24	20°59	1° 9	13°57	10°48	10° 7	27°19	n.a.	T 20
F 21	13 45 59	25°30'46	27°13	10° 9	20°11	18°14	10°26	26°32	20°59	1°10	13°55	10°D48	10° 4	27°25	n.a.	F 21
S 22	13 49 55	26°27'59	9♒32	9°46	21°25	18°35	10°39	26°39	20°58	1°12	13°54	10°48	10° 1	27°32	n.a.	S 22
S 23	13 53 52	27°25'13	21°37	9°17	22°38	18°58	10°53	26°46	20°58	1°13	13°52	10°49	9°58	27°39	n.a.	S 23
M24	13 57 49	28°22'28	3♓32	8°45	23°52	19°20	11° 6	26°54	20°57	1°14	13°51	10°51	9°55	27°45	n.a.	M24
T 25	14 1 45	29°19'44	15°21	8° 9	25° 6	19°43	11°19	27° 1	20°57	1°15	13°49	10°52	9°52	27°52	n.a.	T 25
W26	14 5 42	0♉17'02	27° 8	7°31	26°20	20° 7	11°32	27° 8	20°56	1°17	13°48	10°53	9°48	27°59	n.a.	W26
T 27	14 9 38	1°14'21	8♈57	6°49	27°34	20°31	11°46	27°15	20°56	1°18	13°46	10°R54	9°45	28° 5	n.a.	T 27
F 28	14 13 35	2°11'41	20°50	6° 6	28°48	20°56	11°59	27°22	20°56	1°19	13°45	10°53	9°42	28°12	n.a.	F 28
S 29	14 17 31	3° 9'03	2♉50	5°21	0♉ 3	21°21	12°12	27°29	20°56	1°20	13°44	10°52	9°39	28°19	n.a.	S 29
S 30	14 21 28	4° 6'26	14°59	4°37	1°17	21°47	12°25	27°36	20°56	1°22	13°42	10°50	9°36	28°25	n.a.	S 30
M31	14 25 25	5♉ 3'50	27♉19	3♉52	2♉31	22♌13	12♈38	27♓43	20♌55	1♋23	13♎41	10♈46	9♈32	28♓32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n39	10n38	1n12	14n 4	1n34	2s40	0s57	18n28	1n 9	1n44	0s45	4s27	2s12	15n38	0n53	25n11	1n 5	1s39	4n34	4n25	4n31	3s15		n.a.
S 2	3 2	15 57	2 14	14 18	1 26	2 8	0 56	18 22	1 5	1 50	0 45	4 24	2 12	15 38	0 53	25 11	1 4	1 39	4 33	4 25	4 30	3 11		n.a.
M 3	3 25	20 43	3 12	14 30	1 18	1 36	0 54	18 16	1 2	1 55	0 45	4 21	2 12	15 39	0 53	25 11	1 4	1 38	4 33	4 25	4 29	3 8		n.a.
T 4	3 48	24 42	4 1	14 41	1 9	1 4	0 52	18 10	0 59	2 1	0 45	4 18	2 12	15 39	0 53	25 11	1 4	1 38	4 33	4 25	4 28	3 4		n.a.
W 5	4 11	27 36	4 40	14 49	0 59	0 33	0 50	18 3	0 55	2 6	0 45	4 15	2 12	15 39	0 53	25 11	1 4	1 37	4 33	4 25	4 26	3 1		n.a.
T 6	4 34	29 8	5 6	14 55	0 49	0 1	0 48	17 57	0 52	2 12	0 45	4 12	2 12	15 40	0 53	25 11	1 4	1 37	4 33	4 25	4 25	2 58		n.a.
F 7	4 57	29 6	5 17	15 0	0 38	0n31	0 46	17 50	0 49	2 18	0 45	4 8	2 12	15 40	0 53	25 11	1 4	1 36	4 33	4 25	4 24	2 54		n.a.
S 8	5 20	27 20	5 11	15 3	0 27	1 3	0 44	17 43	0 46	2 23	0 45	4 5	2 12	15 41	0 53	25 11	1 4	1 36	4 33	4 25	4 22	2 51		n.a.
S 9	5 43	23 54	4 47	15 3	0 15	1 35	0 42	17 35	0 43	2 29	0 45	4 2	2 12	15 41	0 53	25 11	1 4	1 35	4 33	4 25	4 21	2 47		n.a.
M10	6 5	18 57	4 5	15 2	0 2	2 7	0 39	17 28	0 40	2 34	0 45	3 59	2 12	15 41	0 53	25 11	1 4	1 35	4 33	4 25	4 20	2 44		n.a.
T 11	6 28	12 47	3 6	14 59	0s10	2 39	0 37	17 20	0 36	2 40	0 44	3 56	2 12	15 42	0 53	25 11	1 4	1 34	4 33	4 26	4 19	2 40		n.a.
W12	6 50	5 48	1 53	14 54	0 24	3 10	0 35	17 13	0 33	2 45	0 44	3 53	2 12	15 42	0 53	25 11	1 4	1 34	4 32	4 26	4 17	2 37		n.a.
T 13	7 13	1s35	0 32	14 47	0 37	3 42	0 33	17 5	0 31	2 51	0 44	3 50	2 12	15 42	0 53	25 11	1 4	1 33	4 32	4 26	4 16	2 33		n.a.
F 14	7 35	8 53	0s51	14 39	0 52	4 14	0 31	16 57	0 28	2 56	0 44	3 47	2 12	15 42	0 53	25 11	1 4	1 33	4 32	4 26	4 15	2 30		n.a.
S 15	7 57	15 39	2 10	14 28	1 6	4 45	0 28	16 48	0 25	3 2	0 44	3 44	2 12	15 43	0 53	25 11	1 4	1 32	4 32	4 26	4 14	2 26		n.a.
S 16	8 19	21 23	3 20	14 16	1 21	5 17	0 26	16 40	0 22	3 7	0 44	3 41	2 12	15 43	0 53	25 11	1 4	1 32	4 32	4 25	4 12	2 23		n.a.
M17	8 41	25 44	4 14	14 2	1 35	5 48	0 24	16 31	0 19	3 13	0 44	3 38	2 12	15 43	0 53	25 11	1 4	1 31	4 32	4 25	4 11	2 19		n.a.
T 18	9 3	28 25	4 52	13 46	1 50	6 20	0 22	16 23	0 16	3 18	0 44	3 35	2 12	15 43	0 53	25 11	1 4	1 31	4 32	4 24	4 10	2 16		n.a.
W19	9 25	29 19	5 12	13 29	2 5	6 51	0 19	16 14	0 14	3 24	0 44	3 32	2 12	15 44	0 53	25 11	1 4	1 30	4 32	4 24	4 8	2 12		n.a.
T 20	9 47	28 31	5 16	13 11	2 20	7 22	0 17	16 5	0 11	3 29	0 44	3 29	2 12	15 44	0 52	25 11	1 4	1 30	4 31	4 23	4 7	2 9		n.a.
F 21	10 8	26 16	5 4	12 51	2 34	7 53	0 15	15 56	0 8	3 35	0 44	3 26	2 13	15 44	0 52	25 11	1 4	1 29	4 31	4 23	4 6	2 5		n.a.
S 22	10 29	22 49	4 38	12 30	2 48	8 23	0 12	15 46	0 6	3 40	0 44	3 23	2 13	15 44	0 52	25 11	1 4	1 29	4 31	4 24	4 5	2 2		n.a.
S 23	10 51	18 28	4 0	12 8	3 2	8 54	0 10	15 37	0 3	3 46	0 44	3 20	2 13	15 44	0 52	25 11	1 4	1 29	4 31	4 24	4 3	1 58		n.a.
M24	11 12	13 28	3 12	11 46	3 14	9 24	0 8	15 27	0 1	3 51	0 43	3 17	2 13	15 44	0 52	25 11	1 4	1 28	4 31	4 24	4 2	1 55		n.a.
T 25	11 33	8 1	2 16	11 23	3 26	9 54	0 5	15 17	0s 2	3 56	0 43	3 15	2 13	15 44	0 52	25 11	1 4	1 28	4 31	4 25	4 1	1 51		n.a.
W26	11 53	2 19	1 15	11 0	3 37	10 24	0 3	15 7	0 4	4 2	0 43	3 12	2 13	15 44	0 52	25 11	1 4	1 27	4 31	4 26	3 59	1 48		n.a.
T 27	12 14	3n29	0 11	10 37	3 47	10 54	0 1	14 57	0 7	4 7	0 43	3 9	2 13	15 45	0 52	25 11	1 4	1 27	4 31	4 26	3 58	1 44		n.a.
F 28	12 34	9 12	0n55	10 14	3 55	11 23	0n 2	14 47	0 9	4 12	0 43	3 6	2 13	15 45	0 52	25 11	1 4	1 26	4 30	4 26	3 57	1 40		n.a.
S 29	12 55	14 38	1 58	9 53	4 2	11 52	0 4	14 36	0 11	4 18	0 43	3 3	2 13	15 45	0 52	25 10	1 4	1 26	4 30	4 25	3 56	1 37		n.a.
S 30	13 15	19 36	2 57	9 32	4 8	12 21	0 7	14 26	0 14	4 23	0 43	3 1	2 13	15 45	0 52	25 10	1 4	1 25	4 30	4 24	3 54	1 33		n.a.
M31	13n34	23n48	3n48	9n14	4s12	12n49	0n 9	14n15	0s16	4n28	0s43	2s58	2s13	15n45	0n52	25n10	1n 4	1s25	4n30	4n23	3n53	1s30		n.a.

Julian Day Number = 203564.5, Delta T = 32h05m42s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'59, Lahiri = -61°02'58 Julian Calendar 1 May 4156 BCE == Greg. Calendar 29 March 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

JUNE 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 29 21	6♉ 1'15	9♊51	3°R 9	3♉45	22♌39	12♈51	27♓50	20°R55	1♋25	13°R39	10°R42	9♈29	28♓38	n.a.	T 1
W 2	14 33 18	6°58'42	22°36	2♉28	4°59	23° 6	13° 4	27°57	20°D55	1°26	13♎38	10♈38	9°26	28°45	n.a.	W 2
T 3	14 37 14	7°56'09	5♋35	1°50	6°13	23°33	13°17	28° 3	20♌55	1°28	13°37	10°35	9°23	28°52	n.a.	T 3
F 4	14 41 11	8°53'38	18°49	1°15	7°27	24° 1	13°29	28°10	20°56	1°29	13°35	10°32	9°20	28°58	n.a.	F 4
S 5	14 45 7	9°51'08	2♌20	0°45	8°42	24°29	13°42	28°17	20°56	1°31	13°34	10°31	9°17	29° 5	n.a.	S 5
S 6	14 49 4	10°48'39	16° 7	0°20	9°56	24°57	13°55	28°23	20°56	1°32	13°33	10°D31	9°13	29°12	n.a.	S 6
M 7	14 53 1	11°46'11	0♍12	0° 0	11°10	25°26	14° 8	28°30	20°56	1°34	13°31	10°31	9°10	29°18	n.a.	M 7
T 8	14 56 57	12°43'45	14°34	29♈47	12°24	25°55	14°21	28°36	20°56	1°35	13°30	10°33	9° 7	29°25	n.a.	T 8
W 9	15 0 54	13°41'19	29° 9	29°39	13°39	26°25	14°33	28°43	20°57	1°37	13°29	10°34	9° 4	29°32	n.a.	W 9
T 10	15 4 50	14°38'55	13♎54	29°D39	14°53	26°55	14°46	28°49	20°57	1°39	13°27	10°R34	9° 1	29°38	n.a.	T 10
F 11	15 8 47	15°36'33	28°43	29°45	16° 7	27°25	14°58	28°55	20°58	1°40	13°26	10°33	8°58	29°45	n.a.	F 11
S 12	15 12 43	16°34'11	13♏29	29°58	17°22	27°55	15°11	29° 2	20°58	1°42	13°25	10°31	8°54	29°52	n.a.	S 12
S 13	15 16 40	17°31'52	28° 4	0♉19	18°36	28°26	15°23	29° 8	20°59	1°44	13°24	10°26	8°51	29°58	n.a.	S 13
M14	15 20 37	18°29'34	12♐22	0°46	19°50	28°57	15°36	29°14	20°59	1°45	13°23	10°21	8°48	0♈ 5	n.a.	M14
T 15	15 24 33	19°27'19	26°17	1°21	21° 5	29°29	15°48	29°20	21° 0	1°47	13°22	10°14	8°45	0°12	n.a.	T 15
W16	15 28 30	20°25'05	9♑48	2° 3	22°19	0♍ 1	16° 0	29°26	21° 1	1°49	13°20	10° 9	8°42	0°18	n.a.	W16
T 17	15 32 26	21°22'53	22°53	2°52	23°34	0°33	16°12	29°32	21° 2	1°51	13°19	10° 4	8°38	0°25	n.a.	T 17
F 18	15 36 23	22°20'43	5♒34	3°48	24°48	1° 5	16°25	29°38	21° 2	1°53	13°18	10° 1	8°35	0°32	n.a.	F 18
S 19	15 40 19	23°18'35	17°55	4°50	26° 3	1°38	16°37	29°44	21° 3	1°54	13°17	9°59	8°32	0°38	n.a.	S 19
S 20	15 44 16	24°16'29	29°59	5°59	27°17	2°11	16°49	29°50	21° 4	1°56	13°16	9°D59	8°29	0°45	n.a.	S 20
M21	15 48 12	25°14'25	11♓54	7°14	28°32	2°44	17° 1	29°55	21° 5	1°58	13°15	10° 0	8°26	0°51	n.a.	M21
T 22	15 52 9	26°12'23	23°42	8°34	29°46	3°18	17°13	0♈ 1	21° 6	2° 0	13°14	10° 2	8°23	0°58	n.a.	T 22
W23	15 56 6	27°10'23	5♈30	10° 0	1♊ 1	3°51	17°24	0° 6	21° 7	2° 2	13°13	10°R 3	8°19	1° 5	n.a.	W23
T 24	16 0 2	28° 8'25	17°21	11°31	2°15	4°25	17°36	0°12	21° 8	2° 4	13°12	10° 3	8°16	1°11	n.a.	T 24
F 25	16 3 59	29° 6'30	29°21	13° 6	3°30	5° 0	17°48	0°17	21°10	2° 6	13°11	10° 0	8°13	1°18	n.a.	F 25
S 26	16 7 55	0♊ 4'37	11♉31	14°45	4°45	5°34	18° 0	0°23	21°11	2° 8	13°10	9°56	8°10	1°25	n.a.	S 26
S 27	16 11 52	1° 2'45	23°54	16°28	5°59	6° 9	18°11	0°28	21°12	2°10	13° 9	9°50	8° 7	1°31	n.a.	S 27
M28	16 15 48	2° 0'56	6♊31	18°14	7°14	6°44	18°23	0°33	21°13	2°12	13° 8	9°42	8° 4	1°38	n.a.	M28
T 29	16 19 45	2°59'09	19°23	20° 2	8°29	7°20	18°34	0°38	21°15	2°14	13° 7	9°32	8° 0	1°45	n.a.	T 29
W30	16 23 41	3♊57'23	2♋29	21♉53	9♊43	7♍55	18♈45	0♈43	21♌16	2♋16	13♎ 7	9♈23	7♈57	1♈51	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n54	26n59	4n29	8n57	4s14	13n18	0n11	14n 4	0s18	4n33	0s43	2s55	2s14	15n45	0n52	25n10	1n 4	1s25	4n30	4n21	3n52	1s26		n.a.
W 2	14 14	28 52	4 58	8 42	4 14	13 46	0 14	13 53	0 20	4 39	0 43	2 52	2 14	15 45	0 52	25 10	1 4	1 24	4 30	4 20	3 50	1 23		n.a.
T 3	14 33	29 11	5 12	8 30	4 13	14 13	0 16	13 42	0 23	4 44	0 43	2 50	2 14	15 44	0 52	25 10	1 4	1 24	4 29	4 18	3 49	1 19		n.a.
F 4	14 52	27 52	5 10	8 20	4 11	14 40	0 18	13 30	0 25	4 49	0 43	2 47	2 14	15 44	0 52	25 10	1 4	1 23	4 29	4 17	3 48	1 16		n.a.
S 5	15 11	24 55	4 51	8 14	4 6	15 7	0 20	13 19	0 27	4 54	0 43	2 44	2 14	15 44	0 52	25 10	1 4	1 23	4 29	4 16	3 47	1 12		n.a.
S 6	15 29	20 29	4 15	8 10	4 0	15 34	0 23	13 7	0 29	4 59	0 43	2 42	2 14	15 44	0 52	25 10	1 4	1 23	4 29	4 16	3 45	1 9		n.a.
M 7	15 48	14 52	3 23	8 10	3 53	16 0	0 25	12 55	0 31	5 4	0 43	2 39	2 14	15 44	0 52	25 10	1 4	1 22	4 29	4 17	3 44	1 5		n.a.
T 8	16 6	8 21	2 17	8 13	3 44	16 26	0 27	12 43	0 33	5 10	0 43	2 37	2 14	15 44	0 52	25 10	1 4	1 22	4 29	4 17	3 43	1 2		n.a.
W 9	16 23	1 18	1 2	8 20	3 34	16 51	0 29	12 31	0 35	5 15	0 42	2 34	2 14	15 44	0 52	25 10	1 4	1 22	4 28	4 18	3 41	0 58		n.a.
T 10	16 41	5s55	0s18	8 30	3 23	17 16	0 32	12 19	0 37	5 20	0 42	2 32	2 15	15 44	0 51	25 10	1 4	1 21	4 28	4 18	3 40	0 55		n.a.
F 11	16 58	12 50	1 37	8 43	3 12	17 40	0 34	12 7	0 39	5 25	0 42	2 29	2 15	15 43	0 51	25 10	1 4	1 21	4 28	4 18	3 39	0 51		n.a.
S 12	17 16	19 1	2 50	9 0	2 59	18 4	0 36	11 54	0 40	5 30	0 42	2 27	2 15	15 43	0 51	25 10	1 4	1 21	4 28	4 16	3 38	0 48		n.a.
S 13	17 32	24 1	3 50	9 20	2 45	18 27	0 38	11 41	0 42	5 35	0 42	2 24	2 15	15 43	0 51	25 10	1 4	1 20	4 28	4 15	3 36	0 44		n.a.
M14	17 49	27 27	4 34	9 42	2 32	18 50	0 40	11 29	0 44	5 40	0 42	2 22	2 15	15 43	0 51	25 10	1 4	1 20	4 27	4 12	3 35	0 41		n.a.
T 15	18 5	29 5	5 1	10 8	2 17	19 13	0 42	11 16	0 46	5 44	0 42	2 20	2 15	15 42	0 51	25 10	1 4	1 20	4 27	4 10	3 34	0 37		n.a.
W16	18 21	28 54	5 10	10 37	2 3	19 35	0 44	11 3	0 48	5 49	0 42	2 17	2 15	15 42	0 51	25 10	1 4	1 20	4 27	4 8	3 32	0 34		n.a.
T 17	18 37	27 5	5 2	11 8	1 48	19 56	0 46	10 50	0 49	5 54	0 42	2 15	2 15	15 42	0 51	25 10	1 4	1 19	4 27	4 6	3 31	0 30		n.a.
F 18	18 52	23 56	4 40	11 41	1 33	20 17	0 48	10 36	0 51	5 59	0 42	2 13	2 16	15 41	0 51	25 10	1 4	1 19	4 27	4 4	3 30	0 27		n.a.
S 19	19 7	19 46	4 5	12 17	1 18	20 37	0 50	10 23	0 53	6 4	0 42	2 11	2 16	15 41	0 51	25 10	1 4	1 19	4 27	4 4	3 29	0 23		n.a.
S 20	19 22	14 54	3 20	12 54	1 3	20 57	0 52	10 9	0 54	6 9	0 42	2 8	2 16	15 41	0 51	25 10	1 4	1 19	4 26	4 4	3 27	0 20		n.a.
M21	19 37	9 32	2 26	13 33	0 49	21 16	0 54	9 55	0 56	6 13	0 42	2 6	2 16	15 40	0 51	25 10	1 4	1 18	4 26	4 4	3 26	0 16		n.a.
T 22	19 51	3 54	1 27	14 13	0 35	21 35	0 56	9 42	0 57	6 18	0 42	2 4	2 16	15 40	0 51	25 10	1 4	1 18	4 26	4 5	3 25	0 13		n.a.
W23	20 5	1n52	0 25	14 54	0 21	21 53	0 57	9 28	0 59	6 23	0 42	2 2	2 16	15 40	0 51	25 10	1 4	1 18	4 26	4 5	3 23	0 9		n.a.
T 24	20 18	7 36	0n39	15 35	0 8	22 10	0 59	9 14	1 0	6 27	0 42	2 0	2 17	15 39	0 51	25 10	1 4	1 18	4 26	4 5	3 22	0 6		n.a.
F 25	20 31	13 8	1 42	16 17	0n 5	22 27	1 1	8 59	1 2	6 32	0 42	1 58	2 17	15 39	0 51	25 10	1 4	1 17	4 25	4 4	3 21	0 2		n.a.
S 26	20 44	18 15	2 41	16 59	0 17	22 43	1 3	8 45	1 3	6 37	0 42	1 56	2 17	15 38	0 51	25 9	1 4	1 17	4 25	4 3	3 20	0n 1		n.a.
S 27	20 57	22 43	3 33	17 41	0 29	22 58	1 4	8 31	1 5	6 41	0 42	1 54	2 17	15 38	0 51	25 9	1 4	1 17	4 25	4 0	3 18	0 5		n.a.
M28	21 9	26 13	4 16	18 22	0 39	23 13	1 6	8 16	1 6	6 46	0 42	1 52	2 17	15 37	0 51	25 9	1 4	1 17	4 25	3 57	3 17	0 8		n.a.
T 29	21 21	28 26	4 47	19 3	0 49	23 27	1 7	8 1	1 7	6 50	0 42	1 50	2 17	15 37	0 51	25 9	1 4	1 17	4 24	3 53	3 16	0 12		n.a.
W30	21n32	29n 8	5n 3	19n42	0n59	23n40	1n 9	7n47	1s 9	6n55	0s42	1s48	2s18	15n36	0n51	25n 9	1n 4	1s17	4n24	3n49	3n14	0n15		n.a.

Julian Day Number = 203595.5, Delta T = 32h05m39s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'55, Lahiri = -61°02'54 Julian Calendar 1 June 4156 BCE == Greg. Calendar 29 Apr. 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

JULY 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 27 38	4♊55'40	15♋47	23♉46	10♊58	8♍31	18♈57	0♈48	21♌18	2♋18	13°R 6	9°R14	7♈54	1♈58	n.a.	T 1
F 2	16 31 35	5°53'58	29°17	25°40	12°13	9° 7	19° 8	0°53	21°19	2°20	13♎ 5	9♈ 7	7°51	2° 5	n.a.	F 2
S 3	16 35 31	6°52'19	12♌57	27°35	13°28	9°43	19°19	0°58	21°21	2°22	13° 4	9° 3	7°48	2°11	n.a.	S 3
S 4	16 39 28	7°50'41	26°47	29°31	14°42	10°20	19°30	1° 2	21°23	2°24	13° 4	9° 0	7°44	2°18	n.a.	S 4
M 5	16 43 24	8°49'04	10♍47	1♊27	15°57	10°56	19°41	1° 7	21°24	2°26	13° 3	9°D 0	7°41	2°25	n.a.	M 5
T 6	16 47 21	9°47'30	24°55	3°23	17°12	11°33	19°52	1°11	21°26	2°28	13° 2	9° 0	7°38	2°31	n.a.	T 6
W 7	16 51 17	10°45'57	9♎11	5°20	18°27	12°10	20° 3	1°16	21°28	2°30	13° 2	9°R 1	7°35	2°38	n.a.	W 7
T 8	16 55 14	11°44'26	23°33	7°16	19°42	12°48	20°13	1°20	21°30	2°32	13° 1	9° 0	7°32	2°44	n.a.	T 8
F 9	16 59 10	12°42'57	7♏57	9°11	20°56	13°25	20°24	1°24	21°31	2°34	13° 0	8°57	7°29	2°51	n.a.	F 9
S 10	17 3 7	13°41'31	22°19	11° 6	22°11	14° 3	20°34	1°28	21°33	2°37	13° 0	8°51	7°25	2°58	n.a.	S 10
S 11	17 7 3	14°40'06	6♐35	13° 0	23°26	14°41	20°45	1°32	21°35	2°39	12°59	8°43	7°22	3° 4	n.a.	S 11
M12	17 11 0	15°38'43	20°38	14°54	24°41	15°19	20°55	1°36	21°37	2°41	12°59	8°33	7°19	3°11	n.a.	M12
T 13	17 14 57	16°37'23	4♑24	16°46	25°56	15°57	21° 5	1°40	21°39	2°43	12°58	8°22	7°16	3°18	n.a.	T 13
W14	17 18 53	17°36'05	17°48	18°38	27°11	16°35	21°15	1°44	21°41	2°45	12°58	8°11	7°13	3°24	n.a.	W14
T 15	17 22 50	18°34'50	0♒51	20°29	28°25	17°14	21°25	1°48	21°44	2°47	12°57	8° 1	7°10	3°31	n.a.	T 15
F 16	17 26 46	19°33'36	13°31	22°19	29°40	17°52	21°35	1°51	21°46	2°50	12°57	7°54	7° 6	3°38	n.a.	F 16
S 17	17 30 43	20°32'26	25°52	24° 8	0♋55	18°31	21°45	1°55	21°48	2°52	12°57	7°49	7° 3	3°44	n.a.	S 17
S 18	17 34 39	21°31'17	7♓58	25°55	2°10	19°10	21°55	1°58	21°50	2°54	12°56	7°46	7° 0	3°51	n.a.	S 18
M19	17 38 36	22°30'11	19°52	27°42	3°25	19°49	22° 4	2° 1	21°53	2°56	12°56	7°D45	6°57	3°58	n.a.	M19
T 20	17 42 32	23°29'08	1♈41	29°28	4°40	20°29	22°14	2° 5	21°55	2°58	12°56	7°R45	6°54	4° 4	n.a.	T 20
W21	17 46 29	24°28'07	13°29	1♋13	5°55	21° 8	22°23	2° 8	21°57	3° 1	12°56	7°45	6°50	4°11	n.a.	W21
T 22	17 50 25	25°27'09	25°23	2°57	7°10	21°48	22°32	2°11	22° 0	3° 3	12°55	7°44	6°47	4°18	n.a.	T 22
F 23	17 54 22	26°26'13	7♉27	4°40	8°25	22°28	22°42	2°14	22° 2	3° 5	12°55	7°41	6°44	4°24	n.a.	F 23
S 24	17 58 19	27°25'20	19°45	6°22	9°40	23° 8	22°51	2°16	22° 5	3° 7	12°55	7°35	6°41	4°31	n.a.	S 24
S 25	18 2 15	28°24'29	2♊20	8° 3	10°55	23°48	22°59	2°19	22° 7	3° 9	12°55	7°26	6°38	4°37	n.a.	S 25
M26	18 6 12	29°23'41	15°14	9°43	12°10	24°28	23° 8	2°22	22°10	3°12	12°55	7°15	6°35	4°44	n.a.	M26
T 27	18 10 8	0♋22'55	28°26	11°22	13°25	25° 8	23°17	2°24	22°12	3°14	12°55	7° 2	6°31	4°51	n.a.	T 27
W28	18 14 5	1°22'12	11♋56	13° 0	14°40	25°49	23°25	2°27	22°15	3°16	12°D55	6°49	6°28	4°57	n.a.	W28
T 29	18 18 1	2°21'30	25°39	14°38	15°55	26°29	23°34	2°29	22°18	3°18	12°55	6°37	6°25	5° 4	n.a.	T 29
F 30	18 21 58	3°20'51	9♌33	16°14	17°10	27°10	23°42	2°31	22°21	3°21	12°55	6°28	6°22	5°11	n.a.	F 30
S 31	18 25 54	4♋20'14	23♌34	17♋50	18♋25	27♍51	23♈50	2♈33	22♌23	3♋23	12♎55	6♈21	6♈19	5♈17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n43	28n10	5n 3	20n19	1n 7	23n53	1n10	7n32	1s10	6n59	0s42	1s46	2s18	15n36	0n50	25n 9	1n 4	1s17	4n24	3n46	3n13	0n19			n.a.
F 2	21 54	25 33	4 47	20 55	1 15	24 4	1 11	7 17	1 11	7 3	0 42	1 44	2 18	15 35	0 50	25 9	1 4	1 16	4 24	3 43	3 12	0 22			n.a.
S 3	22 4	21 27	4 14	21 30	1 21	24 16	1 13	7 1	1 13	7 8	0 42	1 43	2 18	15 35	0 50	25 9	1 4	1 16	4 24	3 41	3 11	0 26			n.a.
S 4	22 14	16 8	3 26	22 2	1 27	24 26	1 14	6 46	1 14	7 12	0 41	1 41	2 18	15 34	0 50	25 9	1 4	1 16	4 23	3 40	3 9	0 30			n.a.
M 5	22 23	9 57	2 25	22 32	1 33	24 36	1 15	6 31	1 15	7 16	0 41	1 39	2 18	15 33	0 50	25 9	1 4	1 16	4 23	3 40	3 8	0 33			n.a.
T 6	22 33	3 13	1 15	23 1	1 37	24 45	1 16	6 15	1 16	7 21	0 41	1 37	2 19	15 33	0 50	25 9	1 4	1 16	4 23	3 40	3 7	0 37			n.a.
W 7	22 41	3s45	0s 1	23 27	1 41	24 53	1 17	6 0	1 18	7 25	0 41	1 36	2 19	15 32	0 50	25 9	1 4	1 16	4 23	3 40	3 5	0 40			n.a.
T 8	22 50	10 35	1 17	23 50	1 44	25 0	1 18	5 44	1 19	7 29	0 41	1 34	2 19	15 32	0 50	25 9	1 4	1 16	4 23	3 40	3 4	0 44			n.a.
F 9	22 58	16 52	2 28	24 12	1 46	25 7	1 19	5 28	1 20	7 33	0 41	1 33	2 19	15 31	0 50	25 9	1 4	1 16	4 22	3 39	3 3	0 47			n.a.
S 10	23 5	22 14	3 29	24 31	1 48	25 13	1 20	5 13	1 21	7 37	0 41	1 31	2 19	15 30	0 50	25 9	1 4	1 16	4 22	3 36	3 2	0 51			n.a.
S 11	23 12	26 14	4 17	24 48	1 49	25 18	1 21	4 57	1 22	7 41	0 41	1 30	2 20	15 30	0 50	25 9	1 4	1 16	4 22	3 33	3 0	0 54			n.a.
M12	23 19	28 34	4 48	25 2	1 49	25 22	1 22	4 41	1 23	7 45	0 41	1 28	2 20	15 29	0 50	25 9	1 4	1 16	4 22	3 29	2 59	0 58			n.a.
T 13	23 25	29 4	5 2	25 15	1 49	25 25	1 22	4 24	1 24	7 49	0 41	1 27	2 20	15 28	0 50	25 9	1 4	1 16	4 21	3 24	2 58	1 1			n.a.
W14	23 31	27 49	4 58	25 25	1 49	25 28	1 23	4 8	1 25	7 53	0 41	1 25	2 20	15 27	0 50	25 9	1 4	1 16	4 21	3 20	2 56	1 5			n.a.
T 15	23 36	25 4	4 39	25 33	1 47	25 30	1 24	3 52	1 26	7 57	0 41	1 24	2 20	15 27	0 50	25 9	1 4	1 16	4 21	3 16	2 55	1 8			n.a.
F 16	23 41	21 9	4 6	25 39	1 46	25 31	1 24	3 36	1 27	8 1	0 41	1 23	2 21	15 26	0 50	25 9	1 4	1 16	4 21	3 13	2 54	1 12			n.a.
S 17	23 46	16 25	3 23	25 43	1 44	25 31	1 25	3 19	1 28	8 5	0 41	1 22	2 21	15 25	0 50	25 9	1 4	1 16	4 20	3 11	2 53	1 15			n.a.
S 18	23 50	11 9	2 31	25 44	1 41	25 31	1 25	3 3	1 29	8 8	0 41	1 20	2 21	15 24	0 50	25 9	1 4	1 16	4 20	3 10	2 51	1 19			n.a.
M19	23 54	5 33	1 34	25 44	1 38	25 30	1 25	2 46	1 30	8 12	0 41	1 19	2 21	15 24	0 50	25 9	1 4	1 16	4 20	3 10	2 50	1 22			n.a.
T 20	23 57	0n12	0 32	25 42	1 35	25 27	1 26	2 30	1 31	8 16	0 41	1 18	2 21	15 23	0 50	25 8	1 4	1 17	4 20	3 10	2 49	1 26			n.a.
W21	24 0	5 56	0n30	25 38	1 32	25 25	1 26	2 13	1 31	8 19	0 41	1 17	2 22	15 22	0 50	25 8	1 4	1 17	4 20	3 10	2 47	1 29			n.a.
T 22	24 2	11 30	1 32	25 33	1 28	25 21	1 26	1 56	1 32	8 23	0 41	1 16	2 22	15 21	0 50	25 8	1 4	1 17	4 19	3 9	2 46	1 33			n.a.
F 23	24 4	16 45	2 30	25 25	1 24	25 16	1 26	1 39	1 33	8 26	0 41	1 15	2 22	15 20	0 50	25 8	1 4	1 17	4 19	3 8	2 45	1 36			n.a.
S 24	24 5	21 25	3 23	25 16	1 19	25 11	1 26	1 22	1 34	8 30	0 41	1 14	2 22	15 19	0 50	25 8	1 4	1 17	4 19	3 5	2 44	1 40			n.a.
S 25	24 6	25 14	4 6	25 6	1 14	25 5	1 26	1 5	1 35	8 33	0 41	1 13	2 23	15 18	0 49	25 8	1 4	1 17	4 19	3 2	2 42	1 43			n.a.
M26	24 7	27 53	4 39	24 54	1 9	24 58	1 26	0 48	1 35	8 36	0 41	1 12	2 23	15 17	0 49	25 8	1 4	1 17	4 18	2 57	2 41	1 47			n.a.
T 27	24 7	29 3	4 57	24 40	1 4	24 50	1 26	0 31	1 36	8 40	0 41	1 12	2 23	15 17	0 49	25 8	1 4	1 18	4 18	2 52	2 40	1 50			n.a.
W28	24 6	28 31	4 59	24 26	0 58	24 42	1 25	0 14	1 37	8 43	0 41	1 11	2 23	15 16	0 49	25 8	1 4	1 18	4 18	2 47	2 38	1 54			n.a.
T 29	24 5	26 15	4 44	24 10	0 53	24 33	1 25	0s 3	1 38	8 46	0 41	1 10	2 23	15 15	0 49	25 8	1 4	1 18	4 18	2 42	2 37	1 57			n.a.
F 30	24 4	22 24	4 12	23 52	0 47	24 23	1 25	0 20	1 38	8 49	0 41	1 9	2 24	15 14	0 49	25 8	1 4	1 18	4 17	2 38	2 36	2 1			n.a.
S 31	24n 2	17n15	3n25	23n34	0n41	24n12	1n24	0s37	1s39	8n52	0s41	1s 9	2s24	15n13	0n49	25n 8	1n 4	1s19	4n17	2n35	2n34	2n 4			n.a.

Julian Day Number = 203625.5, Delta T = 32h05m35s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'51, Lahiri = -61°02'50 Julian Calendar 1 July 4156 BCE == Greg. Calendar 29 May 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

AUGUST 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 29 51	5♋19'39	7♍39	19♋25	19♋40	28♍32	23♈58	2♈35	22♌26	3♋25	12♎55	6°R16	6♈16	5♈24	n.a.	S 1
M 2	18 33 47	6°19'06	21°45	20°58	20°55	29°13	24° 6	2°37	22°29	3°27	12°55	6♈15	6°12	5°31	n.a.	M 2
T 3	18 37 44	7°18'35	5♎51	22°32	22°10	29°54	24°14	2°38	22°32	3°30	12°55	6°14	6° 9	5°37	n.a.	T 3
W 4	18 41 40	8°18'06	19°56	24° 4	23°25	0♎35	24°22	2°40	22°35	3°32	12°56	6°14	6° 6	5°44	n.a.	W 4
T 5	18 45 37	9°17'39	4♏ 0	25°35	24°40	1°17	24°29	2°42	22°38	3°34	12°56	6°13	6° 3	5°51	n.a.	T 5
F 6	18 49 33	10°17'13	18° 1	27° 6	25°55	1°58	24°36	2°43	22°41	3°36	12°56	6° 9	6° 0	5°57	n.a.	F 6
S 7	18 53 30	11°16'50	1♐57	28°36	27°10	2°40	24°44	2°44	22°44	3°39	12°56	6° 2	5°56	6° 4	n.a.	S 7
S 8	18 57 27	12°16'30	15°47	0♑ 5	28°25	3°22	24°51	2°45	22°47	3°41	12°57	5°53	5°53	6°11	n.a.	S 8
M 9	19 1 23	13°16'11	29°26	1°33	29°39	4° 4	24°57	2°46	22°50	3°43	12°57	5°41	5°50	6°17	n.a.	M 9
T 10	19 5 20	14°15'54	12♒52	3° 1	0♑54	4°46	25° 4	2°47	22°53	3°45	12°57	5°28	5°47	6°24	n.a.	T 10
W11	19 9 16	15°15'40	26° 1	4°27	2° 9	5°28	25°11	2°48	22°56	3°48	12°58	5°16	5°44	6°30	n.a.	W11
T 12	19 13 13	16°15'28	8♓53	5°53	3°24	6°10	25°17	2°49	22°59	3°50	12°58	5° 4	5°41	6°37	n.a.	T 12
F 13	19 17 9	17°15'18	21°27	7°18	4°39	6°52	25°24	2°49	23° 3	3°52	12°59	4°55	5°37	6°44	n.a.	F 13
S 14	19 21 6	18°15'10	3♈44	8°42	5°54	7°34	25°30	2°50	23° 6	3°54	12°59	4°48	5°34	6°50	n.a.	S 14
S 15	19 25 2	19°15'05	15°48	10° 5	7° 9	8°16	25°36	2°50	23° 9	3°56	13° 0	4°45	5°31	6°57	n.a.	S 15
M16	19 28 59	20°15'03	27°41	11°27	8°24	8°59	25°41	2°51	23°12	3°58	13° 0	4°43	5°28	7° 4	n.a.	M16
T 17	19 32 55	21°15'02	9♈29	12°48	9°39	9°41	25°47	2°51	23°16	4° 1	13° 1	4°D43	5°25	7°10	n.a.	T 17
W18	19 36 52	22°15'04	21°17	14° 8	10°54	10°24	25°53	2°R51	23°19	4° 3	13° 2	4°R43	5°22	7°17	n.a.	W18
T 19	19 40 48	23°15'09	3♉11	15°26	12° 9	11° 7	25°58	2°51	23°22	4° 5	13° 2	4°43	5°18	7°24	n.a.	T 19
F 20	19 44 45	24°15'16	15°15	16°44	13°24	11°49	26° 3	2°50	23°26	4° 7	13° 3	4°41	5°15	7°30	n.a.	F 20
S 21	19 48 41	25°15'25	27°36	18° 0	14°39	12°32	26° 8	2°50	23°29	4° 9	13° 4	4°36	5°12	7°37	n.a.	S 21
S 22	19 52 38	26°15'37	10♊17	19°14	15°54	13°15	26°13	2°50	23°32	4°11	13° 5	4°29	5° 9	7°44	n.a.	S 22
M23	19 56 35	27°15'51	23°20	20°27	17° 9	13°58	26°18	2°49	23°36	4°13	13° 5	4°20	5° 6	7°50	n.a.	M23
T 24	20 0 31	28°16'08	6♋47	21°38	18°23	14°41	26°22	2°48	23°39	4°16	13° 6	4° 9	5° 2	7°57	n.a.	T 24
W25	20 4 28	29°16'27	20°36	22°48	19°38	15°24	26°26	2°48	23°43	4°18	13° 7	3°58	4°59	8° 4	n.a.	W25
T 26	20 8 24	0♌16'47	4♌43	23°55	20°53	16° 7	26°30	2°47	23°46	4°20	13° 8	3°47	4°56	8°10	n.a.	T 26
F 27	20 12 21	1°17'10	19° 4	25° 0	22° 8	16°51	26°34	2°46	23°50	4°22	13° 9	3°38	4°53	8°17	n.a.	F 27
S 28	20 16 17	2°17'34	3♍32	26° 2	23°23	17°34	26°38	2°45	23°53	4°24	13°10	3°32	4°50	8°23	n.a.	S 28
S 29	20 20 14	3°18'00	18° 1	27° 2	24°38	18°17	26°42	2°43	23°57	4°26	13°11	3°29	4°47	8°30	n.a.	S 29
M30	20 24 10	4°18'28	2♎26	27°58	25°53	19° 1	26°45	2°42	24° 1	4°28	13°12	3°D28	4°43	8°37	n.a.	M30
T 31	20 28 7	5♌18'58	16♎44	28♌51	27♌ 7	19♎44	26♈48	2♈41	24♌ 4	4♋30	13♎13	3♈29	4♈40	8♈43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 0	11n10	2n25	23n14	0n34	24n 1	1n24	0s55	1s39	8n55	0s41	1s 8	2s24	15n12	0n49	25n 8	1n 4	1s19	4n17	2n34	2n33	2n 8		n.a.
M 2	23 57	4 31	1 16	22 53	0 28	23 48	1 23	1 12	1 40	8 58	0 41	1 8	2 24	15 11	0 49	25 8	1 4	1 19	4 17	2 33	2 32	2 12		n.a.
T 3	23 54	2s21	0 2	22 32	0 21	23 35	1 23	1 29	1 41	9 1	0 41	1 7	2 25	15 10	0 49	25 8	1 4	1 19	4 16	2 33	2 31	2 15		n.a.
W 4	23 51	9 7	1s12	22 9	0 15	23 22	1 22	1 47	1 41	9 4	0 41	1 7	2 25	15 9	0 49	25 8	1 4	1 20	4 16	2 33	2 29	2 19		n.a.
T 5	23 47	15 24	2 21	21 45	0 8	23 8	1 21	2 4	1 42	9 7	0 41	1 6	2 25	15 8	0 49	25 8	1 4	1 20	4 16	2 32	2 28	2 22		n.a.
F 6	23 42	20 54	3 21	21 21	0 1	22 52	1 20	2 22	1 42	9 10	0 41	1 6	2 25	15 7	0 49	25 8	1 4	1 20	4 16	2 31	2 27	2 26		n.a.
S 7	23 37	25 12	4 9	20 55	0s 6	22 37	1 19	2 39	1 43	9 13	0 41	1 6	2 25	15 6	0 49	25 8	1 4	1 21	4 16	2 28	2 25	2 29		n.a.
S 8	23 32	28 0	4 42	20 30	0 13	22 20	1 18	2 57	1 43	9 15	0 41	1 5	2 26	15 5	0 49	25 8	1 4	1 21	4 15	2 24	2 24	2 33		n.a.
M 9	23 26	29 5	4 58	20 3	0 20	22 3	1 17	3 14	1 44	9 18	0 41	1 5	2 26	15 4	0 49	25 8	1 4	1 21	4 15	2 19	2 23	2 36		n.a.
T 10	23 19	28 25	4 58	19 36	0 27	21 46	1 16	3 32	1 44	9 20	0 41	1 5	2 26	15 3	0 49	25 8	1 4	1 22	4 15	2 14	2 22	2 40		n.a.
W11	23 13	26 8	4 41	19 8	0 35	21 27	1 15	3 49	1 45	9 23	0 41	1 5	2 26	15 1	0 49	25 7	1 4	1 22	4 15	2 9	2 20	2 43		n.a.
T 12	23 5	22 33	4 10	18 39	0 42	21 8	1 14	4 7	1 45	9 25	0 41	1 5	2 27	15 0	0 49	25 7	1 4	1 22	4 14	2 4	2 19	2 47		n.a.
F 13	22 58	18 1	3 28	18 10	0 49	20 49	1 13	4 24	1 46	9 28	0 41	1 5	2 27	14 59	0 49	25 7	1 4	1 23	4 14	2 0	2 18	2 50		n.a.
S 14	22 50	12 50	2 36	17 41	0 57	20 28	1 11	4 42	1 46	9 30	0 41	1 5	2 27	14 58	0 49	25 7	1 4	1 23	4 14	1 58	2 16	2 54		n.a.
S 15	22 41	7 16	1 39	17 12	1 4	20 8	1 10	4 59	1 46	9 32	0 41	1 5	2 27	14 57	0 49	25 7	1 4	1 24	4 14	1 56	2 15	2 57		n.a.
M16	22 32	1 31	0 37	16 42	1 11	19 46	1 8	5 17	1 47	9 34	0 41	1 5	2 27	14 56	0 49	25 7	1 4	1 24	4 13	1 56	2 14	3 1		n.a.
T 17	22 23	4n15	0n25	16 12	1 18	19 24	1 7	5 34	1 47	9 36	0 41	1 5	2 28	14 55	0 49	25 7	1 4	1 25	4 13	1 55	2 13	3 4		n.a.
W18	22 13	9 52	1 27	15 41	1 26	19 2	1 5	5 52	1 47	9 38	0 41	1 5	2 28	14 54	0 49	25 7	1 4	1 25	4 13	1 56	2 11	3 8		n.a.
T 19	22 3	15 11	2 25	15 11	1 33	18 39	1 4	6 9	1 48	9 40	0 41	1 6	2 28	14 52	0 49	25 7	1 4	1 26	4 13	1 55	2 10	3 11		n.a.
F 20	21 52	20 1	3 18	14 41	1 40	18 15	1 2	6 27	1 48	9 42	0 41	1 6	2 28	14 51	0 49	25 7	1 4	1 26	4 13	1 55	2 9	3 15		n.a.
S 21	21 41	24 7	4 3	14 11	1 47	17 51	1 0	6 44	1 48	9 44	0 41	1 6	2 29	14 50	0 49	25 7	1 4	1 27	4 12	1 53	2 7	3 18		n.a.
S 22	21 30	27 11	4 37	13 41	1 54	17 27	0 58	7 2	1 48	9 46	0 41	1 7	2 29	14 49	0 49	25 7	1 4	1 27	4 12	1 50	2 6	3 22		n.a.
M23	21 18	28 53	4 57	13 11	2 0	17 2	0 57	7 19	1 49	9 48	0 41	1 7	2 29	14 48	0 49	25 7	1 4	1 28	4 12	1 46	2 5	3 25		n.a.
T 24	21 5	28 58	5 2	12 41	2 7	16 36	0 55	7 37	1 49	9 49	0 41	1 7	2 29	14 46	0 49	25 7	1 4	1 28	4 12	1 42	2 3	3 29		n.a.
W25	20 53	27 16	4 50	12 13	2 13	16 11	0 53	7 54	1 49	9 51	0 41	1 8	2 29	14 45	0 49	25 7	1 4	1 29	4 11	1 37	2 2	3 32		n.a.
T 26	20 40	23 50	4 20	11 44	2 19	15 44	0 51	8 11	1 49	9 53	0 41	1 8	2 30	14 44	0 49	25 7	1 4	1 29	4 11	1 33	2 1	3 36		n.a.
F 27	20 26	18 54	3 34	11 17	2 25	15 17	0 49	8 29	1 50	9 54	0 41	1 9	2 30	14 43	0 49	25 7	1 4	1 30	4 11	1 29	2 0	3 39		n.a.
S 28	20 12	12 51	2 33	10 50	2 31	14 50	0 47	8 46	1 50	9 55	0 41	1 10	2 30	14 42	0 49	25 7	1 4	1 30	4 11	1 27	1 58	3 43		n.a.
S 29	19 58	6 7	1 22	10 25	2 36	14 23	0 44	9 3	1 50	9 57	0 41	1 10	2 30	14 40	0 49	25 7	1 4	1 31	4 10	1 25	1 57	3 46		n.a.
M30	19 43	0s55	0 6	10 1	2 41	13 55	0 42	9 20	1 50	9 58	0 41	1 11	2 30	14 39	0 49	25 7	1 4	1 32	4 10	1 25	1 56	3 50		n.a.
T 31	19n28	7s50	1s10	9n38	2s45	13n26	0n40	9s37	1s50	9n59	0s41	1s12	2s31	14n38	0n48	25n 7	1n 4	1s32	4n10	1n25	1n54	3n53		n.a.

Julian Day Number = 203656.5, Delta T = 32h05m32s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'47, Lahiri = -61°02'46 Julian Calendar 1 Aug. 4156 BCE == Greg. Calendar 29 June 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

SEPTEMBER 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 32 3	6♌19'29	0♏52	29♌39	28♌22	20♎28	26♈51	2°R39	24♌ 8	4♋32	13♎14	3°R29	4♈37	8♈50	n.a.	W 1
T 2	20 36 0	7°20'02	14°50	0♍24	29°37	21°11	26°54	2♈37	24°11	4°34	13°15	3♈29	4°34	8°57	n.a.	T 2
F 3	20 39 56	8°20'36	28°38	1° 3	0♍52	21°55	26°57	2°36	24°15	4°36	13°16	3°27	4°31	9° 3	n.a.	F 3
S 4	20 43 53	9°21'12	12♐14	1°37	2° 7	22°39	26°59	2°34	24°19	4°38	13°17	3°23	4°28	9°10	n.a.	S 4
S 5	20 47 50	10°21'50	25°40	2° 5	3°21	23°22	27° 2	2°32	24°22	4°40	13°18	3°16	4°24	9°17	n.a.	S 5
M 6	20 51 46	11°22'29	8♑54	2°26	4°36	24° 6	27° 4	2°30	24°26	4°41	13°20	3° 8	4°21	9°23	n.a.	M 6
T 7	20 55 43	12°23'10	21°55	2°40	5°51	24°50	27° 5	2°27	24°30	4°43	13°21	2°58	4°18	9°30	n.a.	T 7
W 8	20 59 39	13°23'52	4♒44	2°R45	7° 5	25°34	27° 7	2°25	24°33	4°45	13°22	2°49	4°15	9°37	n.a.	W 8
T 9	21 3 36	14°24'36	17°19	2°42	8°20	26°18	27° 9	2°23	24°37	4°47	13°23	2°40	4°12	9°43	n.a.	T 9
F 10	21 7 32	15°25'21	29°41	2°29	9°35	27° 2	27°10	2°20	24°41	4°49	13°25	2°34	4° 8	9°50	n.a.	F 10
S 11	21 11 29	16°26'09	11♓50	2° 7	10°49	27°46	27°11	2°17	24°44	4°51	13°26	2°29	4° 5	9°57	n.a.	S 11
S 12	21 15 25	17°26'58	23°49	1°34	12° 4	28°30	27°12	2°15	24°48	4°52	13°27	2°27	4° 2	10° 3	n.a.	S 12
M13	21 19 22	18°27'48	5♈40	0°51	13°19	29°14	27°13	2°12	24°52	4°54	13°29	2°D26	3°59	10°10	n.a.	M13
T 14	21 23 18	19°28'41	17°27	29♌58	14°33	29°58	27°13	2° 9	24°56	4°56	13°30	2°27	3°56	10°16	n.a.	T 14
W15	21 27 15	20°29'35	29°15	28°56	15°48	0♏42	27°13	2° 6	24°59	4°58	13°31	2°29	3°53	10°23	n.a.	W15
T 16	21 31 12	21°30'31	11♉ 7	27°46	17° 2	1°26	27°R14	2° 3	25° 3	4°59	13°33	2°30	3°49	10°30	n.a.	T 16
F 17	21 35 8	22°31'29	23°10	26°30	18°17	2°10	27°13	2° 0	25° 7	5° 1	13°34	2°R31	3°46	10°36	n.a.	F 17
S 18	21 39 5	23°32'28	5♊28	25°10	19°31	2°54	27°13	1°56	25°11	5° 3	13°36	2°30	3°43	10°43	n.a.	S 18
S 19	21 43 1	24°33'29	18° 6	23°48	20°46	3°38	27°13	1°53	25°14	5° 4	13°37	2°28	3°40	10°50	n.a.	S 19
M20	21 46 58	25°34'32	1♋ 8	22°28	22° 0	4°22	27°12	1°50	25°18	5° 6	13°39	2°23	3°37	10°56	n.a.	M20
T 21	21 50 54	26°35'37	14°37	21°11	23°15	5° 7	27°11	1°46	25°22	5° 7	13°41	2°18	3°33	11° 3	n.a.	T 21
W22	21 54 51	27°36'43	28°33	20° 1	24°29	5°51	27°10	1°42	25°26	5° 9	13°42	2°12	3°30	11°10	n.a.	W22
T 23	21 58 47	28°37'50	12♌53	19° 0	25°44	6°35	27° 9	1°39	25°29	5°10	13°44	2° 7	3°27	11°16	n.a.	T 23
F 24	22 2 44	29°38'58	27°32	18° 8	26°58	7°20	27° 7	1°35	25°33	5°12	13°45	2° 2	3°24	11°23	n.a.	F 24
S 25	22 6 41	0♍40'08	12♍23	17°28	28°13	8° 4	27° 5	1°31	25°37	5°13	13°47	1°59	3°21	11°30	n.a.	S 25
S 26	22 10 37	1°41'19	27°19	16°59	29°27	8°48	27° 4	1°27	25°41	5°15	13°49	1°D58	3°18	11°36	n.a.	S 26
M27	22 14 34	2°42'30	12♎10	16°42	0♎41	9°33	27° 1	1°23	25°44	5°16	13°50	1°58	3°14	11°43	n.a.	M27
T 28	22 18 30	3°43'43	26°50	16°D36	1°56	10°17	26°59	1°19	25°48	5°18	13°52	2° 0	3°11	11°50	n.a.	T 28
W29	22 22 27	4°44'56	11♏15	16°41	3°10	11° 1	26°57	1°15	25°52	5°19	13°54	2° 1	3° 8	11°56	n.a.	W29
T 30	22 26 23	5♍46'10	25♏22	16♌55	4♎24	11♏46	26♈54	1♈11	25♌55	5♋20	13♎56	2♈ 2	3♈ 5	12♈ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n13	14s18	2s21	9n17	2s49	12n58	0n38	9s54	1s50	10n 0	0s41	1s13	2s31	14n37	0n48	25n 7	1n 4	1s33	4n10	1n25	1n53	3n57		n.a.
T 2	18 57	19 58	3 23	8 59	2 52	12 29	0 36	10 11	1 50	10 1	0 41	1 14	2 31	14 35	0 48	25 7	1 4	1 33	4 10	1 25	1 52	4 0		n.a.
F 3	18 41	24 30	4 12	8 42	2 54	11 59	0 33	10 28	1 50	10 2	0 41	1 15	2 31	14 34	0 48	25 6	1 5	1 34	4 9	1 25	1 51	4 4		n.a.
S 4	18 25	27 37	4 46	8 28	2 56	11 30	0 31	10 45	1 50	10 3	0 41	1 15	2 31	14 33	0 48	25 6	1 5	1 35	4 9	1 23	1 49	4 7		n.a.
S 5	18 8	29 6	5 3	8 18	2 56	11 0	0 28	11 2	1 51	10 4	0 41	1 16	2 32	14 32	0 48	25 6	1 5	1 35	4 9	1 20	1 48	4 11		n.a.
M 6	17 51	28 52	5 4	8 10	2 56	10 30	0 26	11 19	1 51	10 5	0 41	1 17	2 32	14 30	0 48	25 6	1 5	1 36	4 9	1 17	1 47	4 14		n.a.
T 7	17 34	27 2	4 50	8 7	2 55	9 59	0 24	11 35	1 51	10 6	0 41	1 19	2 32	14 29	0 48	25 6	1 5	1 37	4 9	1 13	1 45	4 18		n.a.
W 8	17 16	23 49	4 20	8 7	2 52	9 29	0 21	11 52	1 51	10 6	0 41	1 20	2 32	14 28	0 48	25 6	1 5	1 37	4 8	1 9	1 44	4 21		n.a.
T 9	16 58	19 33	3 39	8 12	2 48	8 58	0 18	12 8	1 51	10 7	0 41	1 21	2 32	14 27	0 48	25 6	1 5	1 38	4 8	1 6	1 43	4 25		n.a.
F 10	16 40	14 30	2 47	8 22	2 42	8 26	0 16	12 25	1 51	10 7	0 41	1 22	2 32	14 25	0 48	25 6	1 5	1 39	4 8	1 3	1 41	4 28		n.a.
S 11	16 21	8 59	1 49	8 37	2 35	7 55	0 13	12 41	1 51	10 8	0 41	1 23	2 33	14 24	0 48	25 6	1 5	1 40	4 8	1 1	1 40	4 32		n.a.
S 12	16 2	3 14	0 47	8 58	2 25	7 24	0 11	12 57	1 51	10 8	0 41	1 24	2 33	14 23	0 48	25 6	1 5	1 40	4 7	1 0	1 39	4 35		n.a.
M13	15 43	2n35	0n18	9 24	2 14	6 52	0 8	13 13	1 50	10 8	0 41	1 26	2 33	14 21	0 48	25 6	1 5	1 41	4 7	1 0	1 38	4 39		n.a.
T 14	15 24	8 17	1 21	9 55	2 1	6 20	0 5	13 29	1 50	10 9	0 41	1 27	2 33	14 20	0 48	25 6	1 5	1 42	4 7	1 0	1 36	4 42		n.a.
W15	15 4	13 42	2 20	10 31	1 46	5 48	0 3	13 45	1 50	10 9	0 40	1 28	2 33	14 19	0 48	25 6	1 5	1 43	4 7	1 1	1 35	4 46		n.a.
T 16	14 44	18 39	3 15	11 12	1 30	5 16	0 0	14 1	1 50	10 9	0 40	1 30	2 33	14 18	0 48	25 6	1 5	1 43	4 7	1 1	1 34	4 49		n.a.
F 17	14 24	22 58	4 1	11 55	1 11	4 43	0s 3	14 17	1 50	10 9	0 40	1 31	2 34	14 16	0 48	25 6	1 5	1 44	4 6	1 2	1 32	4 53		n.a.
S 18	14 3	26 22	4 38	12 41	0 52	4 11	0 5	14 32	1 50	10 9	0 40	1 33	2 34	14 15	0 48	25 6	1 5	1 45	4 6	1 1	1 31	4 56		n.a.
S 19	13 42	28 34	5 2	13 28	0 32	3 38	0 8	14 48	1 50	10 9	0 40	1 34	2 34	14 14	0 48	25 6	1 5	1 46	4 6	1 0	1 30	4 59		n.a.
M20	13 21	29 18	5 11	14 14	0 11	3 6	0 11	15 3	1 50	10 8	0 40	1 36	2 34	14 12	0 48	25 6	1 5	1 46	4 6	0 59	1 28	5 3		n.a.
T 21	13 0	28 20	5 4	14 59	0n 9	2 33	0 14	15 18	1 50	10 8	0 40	1 37	2 34	14 11	0 48	25 6	1 5	1 47	4 6	0 56	1 27	5 6		n.a.
W22	12 38	25 35	4 39	15 40	0 29	2 0	0 16	15 34	1 49	10 8	0 40	1 39	2 34	14 10	0 48	25 6	1 5	1 48	4 5	0 54	1 26	5 10		n.a.
T 23	12 17	21 11	3 56	16 18	0 47	1 27	0 19	15 49	1 49	10 7	0 40	1 41	2 34	14 8	0 48	25 6	1 5	1 49	4 5	0 52	1 25	5 13		n.a.
F 24	11 55	15 26	2 57	16 51	1 5	0 54	0 22	16 3	1 49	10 7	0 40	1 42	2 34	14 7	0 48	25 6	1 5	1 50	4 5	0 50	1 23	5 17		n.a.
S 25	11 33	8 43	1 45	17 18	1 20	0 21	0 25	16 18	1 49	10 6	0 40	1 44	2 35	14 6	0 48	25 6	1 5	1 50	4 5	0 49	1 22	5 20		n.a.
S 26	11 10	1 29	0 26	17 41	1 34	0s11	0 27	16 33	1 49	10 5	0 40	1 46	2 35	14 5	0 48	25 6	1 5	1 51	4 5	0 48	1 21	5 24		n.a.
M27	10 48	5s47	0s56	17 58	1 46	0 44	0 30	16 47	1 49	10 5	0 40	1 47	2 35	14 3	0 48	25 6	1 5	1 52	4 5	0 48	1 19	5 27		n.a.
T 28	10 25	12 41	2 12	18 9	1 57	1 17	0 33	17 2	1 48	10 4	0 40	1 49	2 35	14 2	0 48	25 6	1 5	1 53	4 4	0 49	1 18	5 31		n.a.
W29	10 2	18 46	3 19	18 16	2 5	1 50	0 36	17 16	1 48	10 3	0 40	1 51	2 35	14 1	0 48	25 6	1 6	1 54	4 4	0 49	1 17	5 34		n.a.
T 30	9n39	23s43	4s13	18n18	2n12	2s23	0s38	17s30	1s48	10n 2	0s40	1s53	2s35	13n59	0n48	25n 6	1n 6	1s55	4n 4	0n50	1n16	5n38		n.a.

Julian Day Number = 203687.5, Delta T = 32h05m29s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'42, Lahiri = -61°02'42 Julian Calendar 1 Sept. 4156 BCE == Greg. Calendar 30 July 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

OCTOBER 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 30 20	6♍47'25	9♐ 9	17♌19	5♎39	12♏30	26°R51	1°R 6	25♌59	5♋22	13♎57	2°R 3	3♈ 2	12♈10	n.a.	F 1
S 2	22 34 16	7°48'40	22°38	17°52	6°53	13°15	26♈48	1♈ 2	26° 3	5°23	13°59	2♈ 2	2°59	12°16	n.a.	S 2
S 3	22 38 13	8°49'56	5♑50	18°31	8° 7	13°59	26°45	0°57	26° 6	5°24	14° 1	2° 0	2°55	12°23	n.a.	S 3
M 4	22 42 10	9°51'12	18°45	19°18	9°21	14°43	26°41	0°53	26°10	5°25	14° 3	1°57	2°52	12°29	n.a.	M 4
T 5	22 46 6	10°52'29	1♒26	20°10	10°35	15°28	26°38	0°48	26°14	5°27	14° 5	1°53	2°49	12°36	n.a.	T 5
W 6	22 50 3	11°53'47	13°55	21° 7	11°49	16°12	26°34	0°44	26°17	5°28	14° 7	1°50	2°46	12°43	n.a.	W 6
T 7	22 53 59	12°55'05	26°12	22° 9	13° 3	16°57	26°30	0°39	26°21	5°29	14° 8	1°47	2°43	12°49	n.a.	T 7
F 8	22 57 56	13°56'24	8♓20	23°15	14°17	17°41	26°26	0°35	26°25	5°30	14°10	1°45	2°39	12°56	n.a.	F 8
S 9	23 1 52	14°57'43	20°20	24°24	15°32	18°26	26°21	0°30	26°28	5°31	14°12	1°43	2°36	13° 3	n.a.	S 9
S 10	23 5 49	15°59'03	2♈13	25°35	16°45	19°10	26°17	0°25	26°32	5°32	14°14	1°D43	2°33	13° 9	n.a.	S 10
M11	23 9 45	17° 0'23	14° 2	26°50	17°59	19°55	26°12	0°20	26°36	5°33	14°16	1°43	2°30	13°16	n.a.	M11
T 12	23 13 42	18° 1'44	25°49	28° 7	19°13	20°39	26° 7	0°16	26°39	5°34	14°18	1°44	2°27	13°23	n.a.	T 12
W13	23 17 39	19° 3'06	7♉37	29°25	20°27	21°23	26° 2	0°11	26°43	5°35	14°20	1°46	2°24	13°29	n.a.	W13
T 14	23 21 35	20° 4'28	19°30	0♍46	21°41	22° 8	25°57	0° 6	26°46	5°36	14°22	1°47	2°20	13°36	n.a.	T 14
F 15	23 25 32	21° 5'51	1♊32	2° 7	22°55	22°52	25°51	0° 1	26°50	5°37	14°24	1°48	2°17	13°43	n.a.	F 15
S 16	23 29 28	22° 7'15	13°48	3°30	24° 9	23°37	25°46	29♓56	26°53	5°37	14°26	1°48	2°14	13°49	n.a.	S 16
S 17	23 33 25	23° 8'39	26°21	4°55	25°23	24°21	25°40	29°51	26°57	5°38	14°28	1°R49	2°11	13°56	n.a.	S 17
M18	23 37 21	24°10'04	9♋16	6°20	26°36	25° 6	25°34	29°46	27° 0	5°39	14°30	1°48	2° 8	14° 3	n.a.	M18
T 19	23 41 18	25°11'29	22°37	7°46	27°50	25°50	25°28	29°41	27° 4	5°40	14°32	1°48	2° 5	14° 9	n.a.	T 19
W20	23 45 15	26°12'54	6♌25	9°12	29° 4	26°34	25°22	29°36	27° 7	5°40	14°34	1°47	2° 1	14°16	n.a.	W20
T 21	23 49 11	27°14'20	20°41	10°40	0♏17	27°19	25°16	29°31	27°10	5°41	14°36	1°46	1°58	14°22	n.a.	T 21
F 22	23 53 8	28°15'47	5♍21	12° 8	1°31	28° 3	25° 9	29°26	27°14	5°42	14°38	1°46	1°55	14°29	n.a.	F 22
S 23	23 57 4	29°17'13	20°21	13°36	2°44	28°48	25° 3	29°21	27°17	5°42	14°40	1°46	1°52	14°36	n.a.	S 23
S 24	0 1 1	0♎18'39	5♎31	15° 5	3°58	29°32	24°56	29°16	27°20	5°43	14°42	1°D46	1°49	14°42	n.a.	S 24
M25	0 4 57	1°20'05	20°42	16°34	5°11	0♐16	24°49	29°11	27°24	5°43	14°44	1°R46	1°45	14°49	n.a.	M25
T 26	0 8 54	2°21'31	5♏45	18° 4	6°25	1° 1	24°42	29° 6	27°27	5°44	14°46	1°46	1°42	14°56	n.a.	T 26
W27	0 12 51	3°22'57	20°32	19°35	7°38	1°45	24°35	29° 1	27°30	5°44	14°49	1°46	1°39	15° 2	n.a.	W27
T 28	0 16 47	4°24'22	4♐57	21° 5	8°52	2°29	24°28	28°56	27°33	5°45	14°51	1°45	1°36	15° 9	n.a.	T 28
F 29	0 20 44	5°25'47	18°57	22°36	10° 5	3°14	24°21	28°51	27°36	5°45	14°53	1°45	1°33	15°16	n.a.	F 29
S 30	0 24 40	6°27'11	2♑31	24° 8	11°18	3°58	24°14	28°46	27°40	5°46	14°55	1°D45	1°30	15°22	n.a.	S 30
S 31	0 28 37	7♎28'35	15♑40	25♍39	12♏32	4♐42	24♈ 6	28♓41	27♌43	5♋46	14♎57	1♈45	1♈26	15♈29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	9n16	27s13	4s50	18n16	2n18	2s56	0s41	17s44	1s48	10n 1	0s40	1s55	2s35	13n58	0n48	25n 6	1n 6	1s56	4n 4	0n50	1n14	5n41		n.a.
S 2	8 53	29 4	5 10	18 9	2 22	3 28	0 44	17 57	1 47	10 0	0 40	1 56	2 35	13 57	0 48	25 6	1 6	1 56	4 4	0 50	1 13	5 45		n.a.
S 3	8 29	29 13	5 14	17 59	2 25	4 1	0 46	18 11	1 47	9 59	0 40	1 58	2 35	13 56	0 48	25 6	1 6	1 57	4 3	0 49	1 12	5 48		n.a.
M 4	8 5	27 44	5 1	17 46	2 26	4 33	0 49	18 24	1 47	9 57	0 40	2 0	2 35	13 54	0 48	25 6	1 6	1 58	4 3	0 48	1 10	5 52		n.a.
T 5	7 42	24 51	4 34	17 29	2 27	5 6	0 52	18 38	1 46	9 56	0 40	2 2	2 35	13 53	0 48	25 6	1 6	1 59	4 3	0 46	1 9	5 55		n.a.
W 6	7 18	20 50	3 54	17 10	2 27	5 38	0 54	18 51	1 46	9 55	0 40	2 4	2 35	13 52	0 48	25 6	1 6	2 0	4 3	0 45	1 8	5 59		n.a.
T 7	6 54	16 0	3 4	16 48	2 26	6 10	0 57	19 4	1 46	9 53	0 40	2 6	2 35	13 50	0 48	25 6	1 6	2 1	4 3	0 44	1 6	6 2		n.a.
F 8	6 29	10 37	2 6	16 24	2 24	6 42	1 0	19 16	1 46	9 52	0 40	2 8	2 36	13 49	0 48	25 6	1 6	2 2	4 3	0 43	1 5	6 5		n.a.
S 9	6 5	4 54	1 3	15 58	2 21	7 14	1 2	19 29	1 45	9 50	0 40	2 10	2 36	13 48	0 48	25 6	1 6	2 3	4 3	0 42	1 4	6 9		n.a.
S 10	5 41	0n57	0n 3	15 31	2 18	7 46	1 5	19 41	1 45	9 49	0 39	2 12	2 36	13 47	0 48	25 6	1 6	2 4	4 2	0 42	1 3	6 12		n.a.
M11	5 16	6 43	1 8	15 1	2 15	8 17	1 7	19 53	1 45	9 47	0 39	2 14	2 36	13 45	0 48	25 6	1 6	2 4	4 2	0 42	1 1	6 16		n.a.
T 12	4 52	12 15	2 10	14 30	2 11	8 48	1 10	20 5	1 44	9 45	0 39	2 16	2 36	13 44	0 48	25 6	1 6	2 5	4 2	0 43	1 0	6 19		n.a.
W13	4 27	17 22	3 6	13 57	2 6	9 19	1 12	20 17	1 44	9 43	0 39	2 18	2 36	13 43	0 48	25 6	1 6	2 6	4 2	0 43	0 59	6 23		n.a.
T 14	4 2	21 52	3 55	13 24	2 1	9 50	1 15	20 29	1 44	9 42	0 39	2 20	2 36	13 42	0 48	25 6	1 6	2 7	4 2	0 44	0 57	6 26		n.a.
F 15	3 37	25 31	4 34	12 49	1 56	10 20	1 17	20 40	1 43	9 40	0 39	2 22	2 36	13 41	0 48	25 6	1 6	2 8	4 2	0 44	0 56	6 30		n.a.
S 16	3 13	28 6	5 2	12 13	1 51	10 51	1 19	20 51	1 43	9 38	0 39	2 24	2 36	13 39	0 49	25 6	1 6	2 9	4 1	0 44	0 55	6 33		n.a.
S 17	2 48	29 20	5 16	11 36	1 45	11 21	1 22	21 3	1 42	9 36	0 39	2 26	2 36	13 38	0 49	25 6	1 6	2 10	4 1	0 44	0 53	6 37		n.a.
M18	2 23	29 1	5 15	10 58	1 39	11 51	1 24	21 13	1 42	9 33	0 39	2 28	2 36	13 37	0 49	25 6	1 6	2 11	4 1	0 44	0 52	6 40		n.a.
T 19	1 58	27 2	4 57	10 20	1 33	12 20	1 26	21 24	1 42	9 31	0 39	2 30	2 36	13 36	0 49	25 6	1 6	2 12	4 1	0 44	0 51	6 43		n.a.
W20	1 33	23 24	4 21	9 41	1 27	12 49	1 28	21 34	1 41	9 29	0 39	2 32	2 35	13 35	0 49	25 6	1 7	2 13	4 1	0 44	0 50	6 47		n.a.
T 21	1 8	18 18	3 29	9 1	1 21	13 18	1 30	21 45	1 41	9 27	0 39	2 34	2 35	13 33	0 49	25 6	1 7	2 14	4 1	0 43	0 48	6 50		n.a.
F 22	0 43	12 0	2 22	8 21	1 14	13 46	1 33	21 55	1 40	9 24	0 38	2 36	2 35	13 32	0 49	25 6	1 7	2 15	4 1	0 43	0 47	6 54		n.a.
S 23	0 17	4 54	1 3	7 40	1 8	14 14	1 35	22 5	1 40	9 22	0 38	2 38	2 35	13 31	0 49	25 6	1 7	2 16	4 0	0 43	0 46	6 57		n.a.
S 24	0s 8	2s34	0s21	6 58	1 1	14 42	1 37	22 14	1 39	9 20	0 38	2 40	2 35	13 30	0 49	25 6	1 7	2 17	4 0	0 43	0 44	7 1		n.a.
M25	0 33	9 54	1 43	6 17	0 55	15 10	1 38	22 24	1 39	9 17	0 38	2 42	2 35	13 29	0 49	25 6	1 7	2 17	4 0	0 43	0 43	7 4		n.a.
T 26	0 58	16 36	2 58	5 34	0 48	15 37	1 40	22 33	1 39	9 15	0 38	2 44	2 35	13 28	0 49	25 6	1 7	2 18	4 0	0 43	0 42	7 8		n.a.
W27	1 23	22 13	3 59	4 52	0 41	16 3	1 42	22 42	1 38	9 12	0 38	2 46	2 35	13 26	0 49	25 6	1 7	2 19	4 0	0 43	0 40	7 11		n.a.
T 28	1 48	26 22	4 44	4 9	0 34	16 29	1 44	22 50	1 38	9 10	0 38	2 48	2 35	13 25	0 49	25 6	1 7	2 20	4 0	0 43	0 39	7 14		n.a.
F 29	2 13	28 47	5 10	3 26	0 28	16 55	1 45	22 59	1 37	9 7	0 38	2 50	2 35	13 24	0 49	25 6	1 7	2 21	4 0	0 43	0 38	7 18		n.a.
S 30	2 38	29 23	5 18	2 43	0 21	17 20	1 47	23 7	1 37	9 4	0 38	2 52	2 35	13 23	0 49	25 6	1 7	2 22	4 0	0 43	0 37	7 21		n.a.
S 31	3s 3	28s16	5s 8	1n59	0n14	17s45	1s49	23s15	1s36	9n 2	0s37	2s53	2s35	13n22	0n49	25n 6	1n 7	2s23	4n 0	0n43	0n35	7n25		n.a.

Julian Day Number = 203717.5, Delta T = 32h05m26s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'38, Lahiri = -61°02'38 Julian Calendar 1 Oct. 4156 BCE == Greg. Calendar 29 Aug. 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

NOVEMBER 4156 BCE (-4155) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 32 34	8♎29'58	28♉28	27♍11	13♏45	5♐26	23°R59	28°R36	27♌46	5♋46	14♎59	1♈45	1♈23	15♈36	n.a.	M 1
T 2	0 36 30	9°31'20	10♒58	28°44	14°58	6°11	23♈51	28♓31	27°49	5°46	15° 1	1°46	1°20	15°42	n.a.	T 2
W 3	0 40 27	10°32'42	23°14	0♎16	16°11	6°55	23°43	28°26	27°52	5°47	15° 3	1°47	1°17	15°49	n.a.	W 3
T 4	0 44 23	11°34'03	5♓18	1°50	17°24	7°39	23°36	28°21	27°55	5°47	15° 6	1°48	1°14	15°56	n.a.	T 4
F 5	0 48 20	12°35'23	17°14	3°23	18°37	8°23	23°28	28°17	27°58	5°47	15° 8	1°49	1°10	16° 2	n.a.	F 5
S 6	0 52 16	13°36'42	29° 6	4°57	19°50	9° 7	23°20	28°12	28° 1	5°47	15°10	1°R49	1° 7	16° 9	n.a.	S 6
S 7	0 56 13	14°38'01	10♈54	6°31	21° 3	9°51	23°12	28° 7	28° 4	5°47	15°12	1°49	1° 4	16°16	n.a.	S 7
M 8	1 0 10	15°39'19	22°42	8° 6	22°15	10°36	23° 4	28° 3	28° 6	5°47	15°14	1°48	1° 1	16°22	n.a.	M 8
T 9	1 4 6	16°40'36	4♉32	9°41	23°28	11°20	22°56	27°58	28° 9	5°R47	15°16	1°46	0°58	16°29	n.a.	T 9
W10	1 8 3	17°41'53	16°25	11°16	24°41	12° 4	22°48	27°53	28°12	5°47	15°18	1°44	0°55	16°35	n.a.	W10
T 11	1 11 59	18°43'09	28°24	12°52	25°53	12°48	22°40	27°49	28°15	5°47	15°20	1°41	0°51	16°42	n.a.	T 11
F 12	1 15 56	19°44'25	10♊31	14°29	27° 6	13°32	22°32	27°44	28°17	5°47	15°23	1°38	0°48	16°49	n.a.	F 12
S 13	1 19 52	20°45'39	22°50	16° 6	28°18	14°16	22°24	27°40	28°20	5°47	15°25	1°36	0°45	16°55	n.a.	S 13
S 14	1 23 49	21°46'54	5♋23	17°43	29°30	15° 0	22°16	27°36	28°23	5°47	15°27	1°34	0°42	17° 2	n.a.	S 14
M15	1 27 46	22°48'07	18°13	19°21	0♐43	15°44	22° 8	27°31	28°25	5°47	15°29	1°D33	0°39	17° 9	n.a.	M15
T 16	1 31 42	23°49'20	1♌25	21° 0	1°55	16°27	22° 0	27°27	28°28	5°46	15°31	1°33	0°36	17°15	n.a.	T 16
W17	1 35 39	24°50'32	15° 0	22°39	3° 7	17°11	21°52	27°23	28°30	5°46	15°33	1°34	0°32	17°22	n.a.	W17
T 18	1 39 35	25°51'44	29° 1	24°18	4°19	17°55	21°44	27°19	28°33	5°46	15°35	1°36	0°29	17°29	n.a.	T 18
F 19	1 43 32	26°52'54	13♍27	25°58	5°31	18°39	21°36	27°15	28°35	5°46	15°37	1°37	0°26	17°35	n.a.	F 19
S 20	1 47 29	27°54'04	28°16	27°39	6°43	19°23	21°28	27°11	28°37	5°45	15°39	1°R38	0°23	17°42	n.a.	S 20
S 21	1 51 25	28°55'12	13♎21	29°20	7°55	20° 7	21°20	27° 7	28°40	5°45	15°42	1°37	0°20	17°49	n.a.	S 21
M22	1 55 22	29°56'19	28°34	1♏ 2	9° 7	20°50	21°12	27° 3	28°42	5°44	15°44	1°36	0°16	17°55	n.a.	M22
T 23	1 59 18	0♏57'26	13♏46	2°45	10°19	21°34	21° 4	26°59	28°44	5°44	15°46	1°32	0°13	18° 2	n.a.	T 23
W24	2 3 15	1°58'31	28°47	4°28	11°30	22°18	20°56	26°56	28°46	5°43	15°48	1°28	0°10	18° 9	n.a.	W24
T 25	2 7 11	2°59'34	13♐27	6°12	12°42	23° 1	20°48	26°52	28°49	5°43	15°50	1°23	0° 7	18°15	n.a.	T 25
F 26	2 11 8	4° 0'36	27°42	7°56	13°53	23°45	20°41	26°49	28°51	5°42	15°52	1°19	0° 4	18°22	n.a.	F 26
S 27	2 15 5	5° 1'36	11♑27	9°41	15° 4	24°29	20°33	26°45	28°53	5°42	15°54	1°15	0° 1	18°29	n.a.	S 27
S 28	2 19 1	6° 2'35	24°44	11°26	16°16	25°12	20°25	26°42	28°55	5°41	15°56	1°13	29♓57	18°35	n.a.	S 28
M29	2 22 58	7° 3'32	7♒34	13°12	17°27	25°56	20°18	26°39	28°57	5°41	15°58	1°D12	29°54	18°42	n.a.	M29
T 30	2 26 54	8♏ 4'27	20♒ 3	14♏58	18♐38	26♐39	20♈10	26♓36	28♌59	5♋40	16♎ 0	1♈13	29♓51	18♈49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3 s28	25 s40	4 s44	1n16	0n 8	18 s 9	1 s50	23 s23	1 s36	8n59	0 s37	2 s55	2 s35	13n21	0n49	25n 6	1n 7	2 s24	3n59	0n43	0n34	7n28		n.a.
T 2	3 53	21 54	4 6	0 32	0 1	18 33	1 51	23 31	1 35	8 56	0 37	2 57	2 34	13 20	0 49	25 6	1 7	2 25	3 59	0 43	0 33	7 32		n.a.
W 3	4 17	17 16	3 18	0 s12	0 s 6	18 56	1 53	23 38	1 35	8 53	0 37	2 59	2 34	13 19	0 49	25 6	1 7	2 26	3 59	0 44	0 31	7 35		n.a.
T 4	4 42	12 1	2 22	0 56	0 12	19 19	1 54	23 45	1 34	8 51	0 37	3 1	2 34	13 18	0 49	25 6	1 7	2 27	3 59	0 44	0 30	7 38		n.a.
F 5	5 7	6 24	1 20	1 40	0 19	19 42	1 55	23 52	1 34	8 48	0 37	3 3	2 34	13 17	0 49	25 6	1 7	2 28	3 59	0 44	0 29	7 42		n.a.
S 6	5 31	0 36	0 15	2 24	0 25	20 3	1 56	23 59	1 33	8 45	0 37	3 5	2 34	13 16	0 49	25 6	1 7	2 29	3 59	0 45	0 28	7 45		n.a.
S 7	5 55	5n12	0n50	3 8	0 31	20 24	1 57	24 5	1 33	8 42	0 37	3 6	2 34	13 15	0 49	25 7	1 7	2 30	3 59	0 45	0 26	7 49		n.a.
M 8	6 20	10 49	1 53	3 52	0 37	20 45	1 58	24 11	1 32	8 39	0 36	3 8	2 34	13 14	0 49	25 7	1 7	2 31	3 59	0 44	0 25	7 52		n.a.
T 9	6 44	16 4	2 51	4 36	0 43	21 5	1 59	24 17	1 32	8 36	0 36	3 10	2 33	13 13	0 49	25 7	1 8	2 32	3 59	0 43	0 24	7 55		n.a.
W10	7 8	20 45	3 42	5 20	0 49	21 25	2 0	24 23	1 31	8 33	0 36	3 12	2 33	13 12	0 49	25 7	1 8	2 32	3 58	0 42	0 22	7 59		n.a.
T 11	7 32	24 39	4 24	6 4	0 55	21 43	2 1	24 28	1 31	8 30	0 36	3 13	2 33	13 11	0 49	25 7	1 8	2 33	3 58	0 41	0 21	8 2		n.a.
F 12	7 56	27 30	4 54	6 47	1 0	22 2	2 1	24 34	1 30	8 28	0 36	3 15	2 33	13 10	0 49	25 7	1 8	2 34	3 58	0 40	0 20	8 6		n.a.
S 13	8 20	29 6	5 12	7 31	1 6	22 19	2 2	24 38	1 30	8 25	0 36	3 17	2 33	13 9	0 49	25 7	1 8	2 35	3 58	0 39	0 18	8 9		n.a.
S 14	8 43	29 15	5 15	8 14	1 11	22 36	2 2	24 43	1 29	8 22	0 35	3 18	2 33	13 8	0 49	25 7	1 8	2 36	3 58	0 38	0 17	8 12		n.a.
M15	9 7	27 49	5 2	8 57	1 16	22 52	2 3	24 48	1 29	8 19	0 35	3 20	2 32	13 7	0 49	25 7	1 8	2 37	3 58	0 38	0 16	8 16		n.a.
T 16	9 30	24 51	4 34	9 40	1 21	23 8	2 3	24 52	1 28	8 16	0 35	3 21	2 32	13 6	0 49	25 7	1 8	2 38	3 58	0 38	0 15	8 19		n.a.
W17	9 53	20 26	3 49	10 22	1 25	23 23	2 3	24 56	1 27	8 13	0 35	3 23	2 32	13 6	0 49	25 7	1 8	2 39	3 58	0 38	0 13	8 23		n.a.
T 18	10 16	14 47	2 50	11 4	1 30	23 37	2 3	24 59	1 27	8 10	0 35	3 24	2 32	13 5	0 49	25 7	1 8	2 40	3 58	0 39	0 12	8 26		n.a.
F 19	10 39	8 11	1 38	11 45	1 34	23 51	2 3	25 3	1 26	8 7	0 35	3 26	2 32	13 4	0 49	25 7	1 8	2 41	3 58	0 40	0 11	8 29		n.a.
S 20	11 1	1 0	0 19	12 27	1 38	24 4	2 3	25 6	1 26	8 4	0 34	3 27	2 31	13 3	0 49	25 7	1 8	2 42	3 58	0 40	0 9	8 33		n.a.
S 21	11 24	6 s23	1 s 4	13 7	1 41	24 16	2 3	25 9	1 25	8 1	0 34	3 29	2 31	13 2	0 49	25 7	1 8	2 42	3 58	0 40	0 8	8 36		n.a.
M22	11 46	13 29	2 23	13 47	1 44	24 28	2 3	25 12	1 25	7 58	0 34	3 30	2 31	13 2	0 50	25 7	1 8	2 43	3 58	0 39	0 7	8 40		n.a.
T 23	12 8	19 45	3 31	14 27	1 47	24 39	2 2	25 14	1 24	7 55	0 34	3 31	2 31	13 1	0 50	25 7	1 8	2 44	3 57	0 38	0 5	8 43		n.a.
W24	12 30	24 44	4 23	15 5	1 50	24 49	2 2	25 16	1 23	7 53	0 34	3 33	2 30	13 0	0 50	25 8	1 8	2 45	3 57	0 36	0 4	8 46		n.a.
T 25	12 51	27 58	4 57	15 43	1 52	24 58	2 1	25 18	1 23	7 50	0 33	3 34	2 30	12 59	0 50	25 8	1 8	2 46	3 57	0 34	0 3	8 50		n.a.
F 26	13 13	29 18	5 12	16 20	1 54	25 7	2 1	25 20	1 22	7 47	0 33	3 35	2 30	12 59	0 50	25 8	1 8	2 47	3 57	0 32	0 2	8 53		n.a.
S 27	13 34	28 43	5 8	16 56	1 55	25 14	2 0	25 21	1 22	7 44	0 33	3 36	2 30	12 58	0 50	25 8	1 8	2 48	3 57	0 31	0 0	8 57		n.a.
S 28	13 55	26 29	4 47	17 31	1 56	25 22	1 59	25 23	1 21	7 42	0 33	3 37	2 29	12 57	0 50	25 8	1 8	2 48	3 57	0 30	0 s 1	9 0		n.a.
M29	14 15	22 56	4 12	18 5	1 57	25 28	1 58	25 24	1 21	7 39	0 33	3 38	2 29	12 57	0 50	25 8	1 9	2 49	3 57	0 29	0 2	9 3		n.a.
T 30	14 s36	18 s27	3 s26	18 s38	1 s56	25 s33	1 s57	25 s24	1 s20	7n36	0 s32	3 s39	2 s29	12n56	0n50	25n 8	1n 9	2 s50	3n57	0n30	0 s 4	9n 7		n.a.

Julian Day Number = 203748.5, Delta T = 32h05m22s
Ecliptic obliquity = 24°06'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'34, Lahiri = -61°02'34 Julian Calendar 1 Nov. 4156 BCE == Greg. Calendar 29 Sept. 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4156 BCE
geocentric

DECEMBER 4156 BCE (-4155) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 30 51	9♏ 5'20	2♓14	16♏44	19♐49	27♐23	20°R 3	26°R33	29♌ 0	5°R39	16♎ 2	1♈14	29♓48	18♈55	n.a.	W 1
T 2	2 34 47	10° 6'11	14°12	18°31	20°59	28° 6	19♈56	26♓30	29° 2	5♋38	16° 4	1°16	29°45	19° 2	n.a.	T 2
F 3	2 38 44	11° 7'01	26° 3	20°18	22°10	28°50	19°49	26°27	29° 4	5°38	16° 6	1°R17	29°42	19° 9	n.a.	F 3
S 4	2 42 41	12° 7'48	7♈50	22° 5	23°21	29°33	19°42	26°24	29° 6	5°37	16° 8	1°17	29°38	19°15	n.a.	S 4
S 5	2 46 37	13° 8'34	19°37	23°52	24°31	0♉16	19°35	26°22	29° 7	5°36	16°10	1°15	29°35	19°22	n.a.	S 5
M 6	2 50 34	14° 9'18	1♉27	25°38	25°41	1° 0	19°28	26°19	29° 9	5°35	16°12	1°11	29°32	19°28	n.a.	M 6
T 7	2 54 30	15°10'01	13°22	27°24	26°51	1°43	19°21	26°17	29°11	5°34	16°14	1° 5	29°29	19°35	n.a.	T 7
W 8	2 58 27	16°10'42	25°23	29° 9	28° 1	2°26	19°15	26°14	29°12	5°33	16°16	0°57	29°26	19°42	n.a.	W 8
T 9	3 2 23	17°11'21	7♊33	0♐53	29°11	3° 9	19° 9	26°12	29°14	5°32	16°18	0°48	29°22	19°48	n.a.	T 9
F 10	3 6 20	18°11'58	19°53	2°35	0♉21	3°52	19° 2	26°10	29°15	5°31	16°20	0°39	29°19	19°55	n.a.	F 10
S 11	3 10 17	19°12'34	2♋23	4°15	1°31	4°35	18°56	26° 8	29°16	5°30	16°21	0°31	29°16	20° 2	n.a.	S 11
S 12	3 14 13	20°13'08	15° 5	5°53	2°40	5°19	18°50	26° 6	29°18	5°29	16°23	0°24	29°13	20° 8	n.a.	S 12
M13	3 18 10	21°13'40	28° 0	7°28	3°49	6° 2	18°44	26° 4	29°19	5°28	16°25	0°19	29°10	20°15	n.a.	M13
T 14	3 22 6	22°14'11	11♌11	9° 0	4°58	6°45	18°39	26° 3	29°20	5°27	16°27	0°16	29° 7	20°22	n.a.	T 14
W15	3 26 3	23°14'40	24°39	10°28	6° 7	7°28	18°33	26° 1	29°21	5°26	16°29	0°D15	29° 3	20°28	n.a.	W15
T 16	3 29 59	24°15'08	8♍27	11°50	7°16	8°10	18°28	26° 0	29°22	5°25	16°30	0°16	29° 0	20°35	n.a.	T 16
F 17	3 33 56	25°15'34	22°36	13° 8	8°25	8°53	18°23	25°58	29°23	5°24	16°32	0°17	28°57	20°42	n.a.	F 17
S 18	3 37 52	26°15'58	7♎ 4	14°19	9°33	9°36	18°17	25°57	29°24	5°23	16°34	0°R17	28°54	20°48	n.a.	S 18
S 19	3 41 49	27°16'20	21°49	15°24	10°41	10°19	18°13	25°56	29°25	5°22	16°36	0°15	28°51	20°55	n.a.	S 19
M20	3 45 46	28°16'41	6♏46	16°21	11°50	11° 2	18° 8	25°55	29°26	5°20	16°37	0°11	28°47	21° 2	n.a.	M20
T 21	3 49 42	29°16'59	21°47	17°11	12°58	11°45	18° 3	25°54	29°27	5°19	16°39	0° 4	28°44	21° 8	n.a.	T 21
W22	3 53 39	0♐17'16	6♐43	17°51	14° 5	12°27	17°59	25°53	29°28	5°18	16°41	29♓55	28°41	21°15	n.a.	W22
T 23	3 57 35	1°17'31	21°24	18°23	15°13	13°10	17°55	25°52	29°29	5°17	16°42	29°45	28°38	21°22	n.a.	T 23
F 24	4 1 32	2°17'44	5♑43	18°45	16°20	13°53	17°51	25°52	29°29	5°15	16°44	29°35	28°35	21°28	n.a.	F 24
S 25	4 5 28	3°17'54	19°36	18°58	17°27	14°35	17°47	25°51	29°30	5°14	16°46	29°26	28°32	21°35	n.a.	S 25
S 26	4 9 25	4°18'02	2♒59	19°R 1	18°34	15°18	17°43	25°51	29°30	5°13	16°47	29°20	28°28	21°42	n.a.	S 26
M27	4 13 22	5°18'07	15°56	18°54	19°41	16° 0	17°40	25°51	29°31	5°11	16°49	29°16	28°25	21°48	n.a.	M27
T 28	4 17 18	6°18'10	28°28	18°38	20°47	16°43	17°36	25°D51	29°31	5°10	16°50	29°14	28°22	21°55	n.a.	T 28
W29	4 21 15	7°18'10	10♓41	18°13	21°53	17°25	17°33	25°51	29°32	5° 8	16°52	29°D13	28°19	22° 2	n.a.	W29
T 30	4 25 11	8°18'08	22°40	17°39	22°59	18° 8	17°30	25°51	29°32	5° 7	16°53	29°14	28°16	22° 8	n.a.	T 30
F 31	4 29 8	9♐18'04	4♈30	16♐58	24♑ 5	18♑50	17♈28	25♓51	29♌32	5♋ 6	16♎55	29°R14	28♓13	22♈15	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	14s56	13s19	2s32	19s 9	1s56	25s38	1s56	25s25	1s19	7n33	0s32	3s40	2s29	12n55	0n50	25n 8	1n 9	2s51	3n57	0n30	0s 5	9n10			n.a.
T 2	15 15	7 47	1 32	19 39	1 55	25 42	1 55	25 25	1 19	7 31	0 32	3 41	2 28	12 55	0 50	25 8	1 9	2 52	3 57	0 31	0 6	9 13			n.a.
F 3	15 35	2 3	0 28	20 8	1 53	25 46	1 53	25 25	1 18	7 28	0 32	3 42	2 28	12 54	0 50	25 8	1 9	2 53	3 57	0 32	0 8	9 17			n.a.
S 4	15 54	3n44	0n36	20 35	1 51	25 48	1 52	25 24	1 18	7 26	0 32	3 43	2 28	12 53	0 50	25 8	1 9	2 53	3 57	0 32	0 9	9 20			n.a.
S 5	16 13	9 23	1 38	21 0	1 48	25 50	1 50	25 24	1 17	7 23	0 31	3 44	2 28	12 53	0 50	25 8	1 9	2 54	3 57	0 31	0 10	9 24			n.a.
M 6	16 32	14 44	2 36	21 23	1 44	25 51	1 49	25 23	1 16	7 21	0 31	3 45	2 27	12 52	0 50	25 8	1 9	2 55	3 57	0 29	0 11	9 27			n.a.
T 7	16 50	19 35	3 28	21 44	1 39	25 51	1 47	25 22	1 16	7 19	0 31	3 45	2 27	12 52	0 50	25 9	1 9	2 56	3 57	0 27	0 13	9 30			n.a.
W 8	17 9	23 42	4 11	22 4	1 34	25 51	1 45	25 21	1 15	7 16	0 31	3 46	2 27	12 51	0 50	25 9	1 9	2 57	3 57	0 23	0 14	9 34			n.a.
T 9	17 26	26 50	4 42	22 21	1 28	25 50	1 43	25 19	1 14	7 14	0 31	3 47	2 26	12 51	0 50	25 9	1 9	2 57	3 57	0 20	0 15	9 37			n.a.
F 10	17 44	28 44	5 2	22 35	1 21	25 48	1 41	25 17	1 14	7 12	0 30	3 47	2 26	12 50	0 50	25 9	1 9	2 58	3 57	0 16	0 17	9 40			n.a.
S 11	18 1	29 12	5 7	22 47	1 13	25 45	1 39	25 15	1 13	7 9	0 30	3 48	2 26	12 50	0 50	25 9	1 9	2 59	3 57	0 12	0 18	9 44			n.a.
S 12	18 18	28 9	4 57	22 57	1 4	25 42	1 36	25 13	1 13	7 7	0 30	3 48	2 26	12 49	0 50	25 9	1 9	3 0	3 57	0 10	0 19	9 47			n.a.
M13	18 34	25 35	4 32	23 4	0 55	25 37	1 34	25 10	1 12	7 5	0 30	3 49	2 25	12 49	0 50	25 9	1 9	3 0	3 57	0 8	0 21	9 50			n.a.
T 14	18 51	21 37	3 53	23 9	0 44	25 32	1 31	25 8	1 11	7 3	0 29	3 49	2 25	12 49	0 50	25 9	1 9	3 1	3 56	0 7	0 22	9 54			n.a.
W15	19 6	16 29	2 59	23 11	0 33	25 27	1 29	25 5	1 11	7 1	0 29	3 50	2 25	12 48	0 50	25 9	1 9	3 2	3 56	0 6	0 23	9 57			n.a.
T 16	19 22	10 23	1 54	23 11	0 20	25 20	1 26	25 1	1 10	6 59	0 29	3 50	2 24	12 48	0 50	25 9	1 9	3 3	3 56	0 7	0 24	10 0			n.a.
F 17	19 37	3 39	0 41	23 8	0 7	25 13	1 23	24 58	1 10	6 58	0 29	3 50	2 24	12 48	0 51	25 9	1 9	3 3	3 56	0 7	0 26	10 4			n.a.
S 18	19 52	3s26	0s36	23 3	0n 7	25 6	1 20	24 54	1 9	6 56	0 29	3 50	2 24	12 47	0 51	25 9	1 9	3 4	3 56	0 7	0 27	10 7			n.a.
S 19	20 6	10 28	1 53	22 56	0 22	24 57	1 17	24 50	1 8	6 54	0 28	3 51	2 23	12 47	0 51	25 10	1 9	3 5	3 56	0 6	0 28	10 10			n.a.
M20	20 20	17 1	3 2	22 46	0 37	24 48	1 14	24 46	1 8	6 52	0 28	3 51	2 23	12 47	0 51	25 10	1 9	3 5	3 56	0 4	0 30	10 14			n.a.
T 21	20 34	22 34	3 59	22 35	0 54	24 38	1 11	24 42	1 7	6 51	0 28	3 51	2 23	12 46	0 51	25 10	1 9	3 6	3 56	0 2	0 31	10 17			n.a.
W22	20 47	26 38	4 40	22 23	1 10	24 28	1 7	24 37	1 6	6 49	0 28	3 51	2 22	12 46	0 51	25 10	1 10	3 7	3 56	0s 2	0 32	10 20			n.a.
T 23	21 0	28 50	5 1	22 9	1 27	24 17	1 4	24 32	1 6	6 48	0 27	3 51	2 22	12 46	0 51	25 10	1 10	3 7	3 56	0 6	0 34	10 24			n.a.
F 24	21 12	29 1	5 2	21 54	1 44	24 5	1 0	24 27	1 5	6 47	0 27	3 51	2 22	12 46	0 51	25 10	1 10	3 8	3 56	0 10	0 35	10 27			n.a.
S 25	21 24	27 21	4 45	21 38	2 1	23 52	0 57	24 22	1 4	6 45	0 27	3 51	2 22	12 46	0 51	25 10	1 10	3 9	3 56	0 14	0 36	10 30			n.a.
S 26	21 36	24 9	4 13	21 22	2 18	23 39	0 53	24 16	1 4	6 44	0 27	3 51	2 21	12 45	0 51	25 10	1 10	3 9	3 56	0 16	0 37	10 34			n.a.
M27	21 47	19 50	3 29	21 5	2 34	23 26	0 49	24 10	1 3	6 43	0 26	3 50	2 21	12 45	0 51	25 10	1 10	3 10	3 56	0 18	0 39	10 37			n.a.
T 28	21 58	14 46	2 36	20 48	2 50	23 12	0 45	24 4	1 3	6 42	0 26	3 50	2 21	12 45	0 51	25 10	1 10	3 11	3 56	0 19	0 40	10 40			n.a.
W29	22 9	9 16	1 37	20 31	3 4	22 57	0 41	23 58	1 2	6 41	0 26	3 50	2 20	12 45	0 51	25 10	1 10	3 11	3 56	0 19	0 41	10 44			n.a.
T 30	22 19	3 31	0 35	20 15	3 18	22 42	0 36	23 52	1 1	6 40	0 26	3 50	2 20	12 45	0 51	25 11	1 10	3 12	3 56	0 19	0 43	10 47			n.a.
F 31	22s28	2n16	0n28	19s59	3n30	22s26	0s32	23s45	1s 1	6n39	0s26	3s49	2s20	12n45	0n51	25n11	1n10	3s12	3n56	0s19	0s44	10n50			n.a.

Julian Day Number = 203778.5, Delta T = 32h05m19s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'30, Lahiri = -61°02'30 Julian Calendar 1 Dec. 4156 BCE == Greg. Calendar 29 Oct. 4156 BCE

The year -4155 astronomical counting style corresponds to year 4156 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

JANUARY 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 33 4	10♐17'57	16♈16	16°R11	25♉11	19♉32	17°R25	25♓51	29♌33	5°R 4	16♎56	29°R12	28♓ 9	22♈22	n.a.	S 1
S 2	4 37 1	11°17'47	28° 4	15♐18	26°16	20°15	17♈23	25°52	29°33	5♋ 3	16°58	29♓ 9	28° 6	22°28	n.a.	S 2
M 3	4 40 57	12°17'36	9♉58	14°21	27°21	20°57	17°21	25°52	29°33	5° 1	16°59	29° 2	28° 3	22°35	n.a.	M 3
T 4	4 44 54	13°17'21	21°59	13°22	28°25	21°39	17°19	25°53	29°33	5° 0	17° 0	28°53	28° 0	22°42	n.a.	T 4
W 5	4 48 50	14°17'05	4♊12	12°22	29°30	22°21	17°17	25°54	29°R33	4°58	17° 2	28°42	27°57	22°48	n.a.	W 5
T 6	4 52 47	15°16'46	16°36	11°22	0♒34	23° 4	17°15	25°55	29°33	4°57	17° 3	28°28	27°53	22°55	n.a.	T 6
F 7	4 56 44	16°16'26	29°12	10°24	1°37	23°46	17°14	25°56	29°33	4°55	17° 4	28°15	27°50	23° 2	n.a.	F 7
S 8	5 0 40	17°16'02	12♋ 0	9°28	2°41	24°28	17°13	25°57	29°33	4°54	17° 6	28° 2	27°47	23° 8	n.a.	S 8
S 9	5 4 37	18°15'37	25° 0	8°36	3°44	25°10	17°12	25°58	29°33	4°52	17° 7	27°52	27°44	23°15	n.a.	S 9
M10	5 8 33	19°15'10	8♌10	7°49	4°46	25°52	17°11	26° 0	29°32	4°50	17° 8	27°44	27°41	23°22	n.a.	M10
T 11	5 12 30	20°14'40	21°33	7° 7	5°49	26°34	17°10	26° 1	29°32	4°49	17° 9	27°39	27°38	23°28	n.a.	T 11
W12	5 16 26	21°14'09	5♍ 6	6°30	6°51	27°15	17°10	26° 3	29°32	4°47	17°11	27°36	27°34	23°35	n.a.	W12
T 13	5 20 23	22°13'35	18°52	6° 0	7°52	27°57	17°10	26° 4	29°31	4°46	17°12	27°35	27°31	23°42	n.a.	T 13
F 14	5 24 19	23°12'59	2♎52	5°35	8°54	28°39	17°D10	26° 6	29°31	4°44	17°13	27°35	27°28	23°48	n.a.	F 14
S 15	5 28 16	24°12'22	17° 4	5°17	9°54	29°21	17°10	26° 8	29°30	4°43	17°14	27°35	27°25	23°55	n.a.	S 15
S 16	5 32 12	25°11'42	1♏28	5° 6	10°55	0♒ 3	17°10	26°10	29°30	4°41	17°15	27°32	27°22	24° 2	n.a.	S 16
M17	5 36 9	26°11'00	16° 1	5°D 0	11°55	0°44	17°11	26°12	29°29	4°39	17°16	27°26	27°19	24° 8	n.a.	M17
T 18	5 40 6	27°10'17	0♐38	5° 0	12°55	1°26	17°12	26°14	29°28	4°38	17°17	27°18	27°15	24°15	n.a.	T 18
W19	5 44 2	28° 9'31	15°12	5° 6	13°54	2° 8	17°12	26°17	29°28	4°36	17°18	27° 7	27°12	24°22	n.a.	W19
T 20	5 47 59	29° 8'43	29°36	5°18	14°53	2°49	17°14	26°19	29°27	4°34	17°19	26°55	27° 9	24°28	n.a.	T 20
F 21	5 51 55	0♑ 7'53	13♑44	5°35	15°51	3°31	17°15	26°22	29°26	4°33	17°20	26°43	27° 6	24°35	n.a.	F 21
S 22	5 55 52	1° 7'00	27°31	5°56	16°49	4°12	17°16	26°24	29°25	4°31	17°21	26°32	27° 3	24°42	n.a.	S 22
S 23	5 59 48	2° 6'05	10♒52	6°23	17°46	4°54	17°18	26°27	29°24	4°29	17°22	26°24	26°59	24°48	n.a.	S 23
M24	6 3 45	3° 5'08	23°50	6°54	18°43	5°35	17°20	26°30	29°23	4°28	17°22	26°18	26°56	24°55	n.a.	M24
T 25	6 7 41	4° 4'07	6♓24	7°29	19°39	6°17	17°22	26°33	29°22	4°26	17°23	26°14	26°53	25° 1	n.a.	T 25
W26	6 11 38	5° 3'05	18°39	8° 8	20°34	6°58	17°24	26°36	29°21	4°24	17°24	26°13	26°50	25° 8	n.a.	W26
T 27	6 15 34	6° 1'59	0♈40	8°51	21°30	7°39	17°27	26°39	29°20	4°23	17°25	26°13	26°47	25°15	n.a.	T 27
F 28	6 19 31	7° 0'51	12°32	9°38	22°24	8°21	17°29	26°42	29°19	4°21	17°25	26°13	26°44	25°21	n.a.	F 28
S 29	6 23 27	7°59'41	24°21	10°27	23°18	9° 2	17°32	26°46	29°18	4°20	17°26	26°12	26°40	25°28	n.a.	S 29
S 30	6 27 24	8°58'28	6♉11	11°21	24°11	9°43	17°35	26°49	29°17	4°18	17°27	26° 9	26°37	25°35	n.a.	S 30
M31	6 31 21	9♑57'13	18♉ 8	12♐17	25♒ 4	10♒24	17♈38	26♓53	29♌15	4♋16	17♎27	26♓ 3	26♓34	25♈41	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s37	7n56	1n29	19s44	3n40	22s 9	0s28	23s38	1s 0	6n38	0s25	3s49	2s19	12n45	0n51	25n11	1n10	3s13	3n56	0s19	0s45	10n54		n.a.
S 2	22 46	13 22	2 27	19 29	3 49	21 52	0 23	23 31	0 59	6 37	0 25	3 48	2 19	12 45	0 51	25 11	1 10	3 13	3 56	0 21	0 46	10 57		n.a.
M 3	22 54	18 20	3 18	19 16	3 55	21 35	0 19	23 24	0 59	6 37	0 25	3 48	2 19	12 45	0 51	25 11	1 10	3 14	3 56	0 24	0 48	11 0		n.a.
T 4	23 2	22 39	4 1	19 5	4 0	21 17	0 14	23 16	0 58	6 36	0 25	3 47	2 18	12 45	0 51	25 11	1 10	3 15	3 56	0 27	0 49	11 4		n.a.
W 5	23 9	26 3	4 34	18 55	4 2	20 59	0 9	23 9	0 57	6 36	0 24	3 47	2 18	12 45	0 51	25 11	1 10	3 15	3 56	0 32	0 50	11 7		n.a.
T 6	23 16	28 17	4 54	18 46	4 3	20 40	0 4	23 1	0 57	6 35	0 24	3 46	2 18	12 45	0 51	25 11	1 10	3 16	3 56	0 37	0 52	11 10		n.a.
F 7	23 23	29 7	5 0	18 40	4 1	20 21	0n 1	22 53	0 56	6 35	0 24	3 45	2 17	12 45	0 51	25 11	1 10	3 16	3 56	0 43	0 53	11 13		n.a.
S 8	23 29	28 24	4 52	18 35	3 58	20 1	0 6	22 45	0 55	6 35	0 24	3 44	2 17	12 45	0 51	25 11	1 10	3 17	3 56	0 48	0 54	11 17		n.a.
S 9	23 35	26 7	4 28	18 32	3 53	19 41	0 11	22 36	0 55	6 35	0 24	3 44	2 17	12 45	0 52	25 11	1 10	3 17	3 56	0 52	0 56	11 20		n.a.
M10	23 40	22 25	3 49	18 31	3 46	19 21	0 16	22 27	0 54	6 35	0 23	3 43	2 16	12 45	0 52	25 12	1 10	3 17	3 56	0 56	0 57	11 23		n.a.
T 11	23 45	17 31	2 58	18 32	3 38	19 0	0 22	22 19	0 54	6 34	0 23	3 42	2 16	12 46	0 52	25 12	1 10	3 18	3 56	0 58	0 58	11 27		n.a.
W12	23 49	11 41	1 56	18 35	3 28	18 39	0 27	22 10	0 53	6 35	0 23	3 41	2 16	12 46	0 52	25 12	1 10	3 18	3 56	0 59	0 59	11 30		n.a.
T 13	23 53	5 13	0 46	18 40	3 18	18 17	0 33	22 0	0 52	6 35	0 23	3 40	2 16	12 46	0 52	25 12	1 10	3 19	3 56	0 59	1 1	11 33		n.a.
F 14	23 56	1s35	0s28	18 47	3 7	17 56	0 38	21 51	0 52	6 35	0 22	3 39	2 15	12 46	0 52	25 12	1 10	3 19	3 56	0 59	1 2	11 36		n.a.
S 15	23 59	8 26	1 41	18 55	2 55	17 34	0 44	21 42	0 51	6 35	0 22	3 38	2 15	12 46	0 52	25 12	1 10	3 20	3 56	0 59	1 3	11 40		n.a.
S 16	24 1	14 56	2 49	19 5	2 43	17 11	0 50	21 32	0 50	6 35	0 22	3 37	2 15	12 47	0 52	25 12	1 10	3 20	3 56	1 1	1 5	11 43		n.a.
M17	24 3	20 41	3 46	19 17	2 30	16 49	0 56	21 22	0 50	6 36	0 22	3 36	2 14	12 47	0 52	25 12	1 10	3 20	3 56	1 3	1 6	11 46		n.a.
T 18	24 5	25 14	4 29	19 29	2 17	16 26	1 2	21 12	0 49	6 36	0 22	3 34	2 14	12 47	0 52	25 12	1 10	3 21	3 56	1 6	1 7	11 50		n.a.
W19	24 6	28 8	4 54	19 43	2 4	16 3	1 8	21 2	0 48	6 37	0 21	3 33	2 14	12 47	0 52	25 12	1 10	3 21	3 56	1 10	1 9	11 53		n.a.
T 20	24 7	29 7	5 0	19 58	1 51	15 39	1 14	20 51	0 48	6 38	0 21	3 32	2 13	12 48	0 52	25 12	1 10	3 22	3 56	1 15	1 10	11 56		n.a.
F 21	24 7	28 8	4 47	20 14	1 38	15 16	1 20	20 41	0 47	6 38	0 21	3 31	2 13	12 48	0 52	25 12	1 10	3 22	3 56	1 20	1 11	11 59		n.a.
S 22	24 6	25 27	4 18	20 31	1 25	14 52	1 27	20 30	0 46	6 39	0 21	3 29	2 13	12 48	0 52	25 12	1 10	3 22	3 56	1 25	1 12	12 3		n.a.
S 23	24 6	21 26	3 35	20 48	1 12	14 28	1 33	20 19	0 46	6 40	0 21	3 28	2 12	12 49	0 52	25 13	1 10	3 23	3 57	1 28	1 14	12 6		n.a.
M24	24 5	16 30	2 42	21 6	1 0	14 4	1 39	20 8	0 45	6 41	0 20	3 26	2 12	12 49	0 52	25 13	1 10	3 23	3 57	1 31	1 15	12 9		n.a.
T 25	24 3	11 0	1 43	21 24	0 47	13 40	1 46	19 57	0 44	6 42	0 20	3 25	2 12	12 50	0 52	25 13	1 10	3 23	3 57	1 32	1 16	12 12		n.a.
W26	24 1	5 13	0 40	21 42	0 35	13 16	1 52	19 46	0 44	6 43	0 20	3 23	2 12	12 50	0 52	25 13	1 10	3 23	3 57	1 33	1 18	12 16		n.a.
T 27	23 58	0n38	0n24	22 1	0 24	12 52	1 59	19 34	0 43	6 44	0 20	3 22	2 11	12 50	0 52	25 13	1 10	3 24	3 57	1 33	1 19	12 19		n.a.
F 28	23 55	6 24	1 25	22 19	0 12	12 27	2 6	19 22	0 43	6 45	0 19	3 20	2 11	12 51	0 52	25 13	1 10	3 24	3 57	1 33	1 20	12 22		n.a.
S 29	23 52	11 54	2 23	22 37	0 1	12 3	2 13	19 11	0 42	6 47	0 19	3 19	2 11	12 51	0 52	25 13	1 10	3 24	3 57	1 33	1 22	12 25		n.a.
S 30	23 48	17 1	3 15	22 56	0s 9	11 39	2 20	18 59	0 41	6 48	0 19	3 17	2 10	12 52	0 52	25 13	1 10	3 24	3 57	1 34	1 23	12 28		n.a.
M31	23s44	21n31	3n58	23s14	0s20	11s14	2n26	18s47	0s41	6n49	0s19	3s15	2s10	12n52	0n52	25n13	1n10	3s25	3n57	1s37	1s24	12n32		n.a.

Julian Day Number = 203809.5, Delta T = 32h05m16s
Ecliptic obliquity = 24°06'58, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'26, Lahiri = -61°02'26 Julian Calendar 1 Jan. 4155 BCE == Greg. Calendar 29 Nov. 4156 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

FEBRUARY 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 35 17	10♉55'55	0♊15	13♐16	25♒55	11♒ 5	17♈42	26♓57	29°R14	4°R15	17♎28	25°R55	26♓31	25♈48	n.a.	T 1
W 2	6 39 14	11°54'35	12°37	14°17	26°47	11°46	17°45	27° 0	29♌13	4♋13	17°28	25♓45	26°28	25°55	n.a.	W 2
T 3	6 43 10	12°53'13	25°14	15°22	27°37	12°28	17°49	27° 4	29°11	4°11	17°29	25°33	26°25	26° 1	n.a.	T 3
F 4	6 47 7	13°51'48	8♋ 6	16°29	28°27	13° 9	17°53	27° 8	29°10	4°10	17°30	25°21	26°21	26° 8	n.a.	F 4
S 5	6 51 3	14°50'22	21°15	17°38	29°15	13°50	17°57	27°12	29° 8	4° 8	17°30	25° 9	26°18	26°15	n.a.	S 5
S 6	6 55 0	15°48'53	4♌37	18°49	0♓ 3	14°30	18° 1	27°16	29° 7	4° 7	17°30	24°59	26°15	26°21	n.a.	S 6
M 7	6 58 56	16°47'22	18°11	20° 3	0°50	15°11	18° 6	27°20	29° 5	4° 5	17°31	24°52	26°12	26°28	n.a.	M 7
T 8	7 2 53	17°45'48	1♍54	21°19	1°37	15°52	18°10	27°25	29° 3	4° 3	17°31	24°47	26° 9	26°35	n.a.	T 8
W 9	7 6 49	18°44'13	15°45	22°37	2°22	16°33	18°15	27°29	29° 2	4° 2	17°32	24°45	26° 5	26°41	n.a.	W 9
T 10	7 10 46	19°42'36	29°43	23°57	3° 6	17°14	18°20	27°33	29° 0	4° 0	17°32	24°D45	26° 2	26°48	n.a.	T 10
F 11	7 14 42	20°40'58	13♎46	25°19	3°50	17°55	18°25	27°38	28°58	3°59	17°32	24°R46	25°59	26°55	n.a.	F 11
S 12	7 18 39	21°39'17	27°53	26°42	4°32	18°35	18°30	27°43	28°57	3°57	17°32	24°46	25°56	27° 1	n.a.	S 12
S 13	7 22 35	22°37'35	12♏ 4	28° 8	5°13	19°16	18°35	27°47	28°55	3°55	17°33	24°44	25°53	27° 8	n.a.	S 13
M14	7 26 32	23°35'51	26°17	29°36	5°54	19°57	18°41	27°52	28°53	3°54	17°33	24°40	25°50	27°15	n.a.	M14
T 15	7 30 29	24°34'05	10♐29	1♑ 5	6°33	20°37	18°46	27°57	28°51	3°52	17°33	24°34	25°46	27°21	n.a.	T 15
W16	7 34 25	25°32'18	24°36	2°36	7°11	21°18	18°52	28° 2	28°49	3°51	17°33	24°26	25°43	27°28	n.a.	W16
T 17	7 38 22	26°30'28	8♑34	4° 9	7°47	21°58	18°58	28° 7	28°47	3°49	17°33	24°17	25°40	27°35	n.a.	T 17
F 18	7 42 18	27°28'37	22°19	5°44	8°23	22°39	19° 4	28°12	28°45	3°48	17°33	24° 7	25°37	27°42	n.a.	F 18
S 19	7 46 15	28°26'44	5♒47	7°20	8°57	23°19	19°11	28°17	28°43	3°46	17°33	23°59	25°34	27°48	n.a.	S 19
S 20	7 50 11	29°24'49	18°56	8°58	9°29	24° 0	19°17	28°23	28°41	3°45	17°R33	23°52	25°31	27°55	n.a.	S 20
M21	7 54 8	0♒22'52	1♓45	10°38	10° 1	24°40	19°24	28°28	28°39	3°44	17°33	23°47	25°27	28° 2	n.a.	M21
T 22	7 58 4	1°20'52	14°16	12°20	10°30	25°21	19°30	28°33	28°37	3°42	17°33	23°45	25°24	28° 8	n.a.	T 22
W23	8 2 1	2°18'51	26°29	14° 4	10°59	26° 1	19°37	28°39	28°35	3°41	17°33	23°D44	25°21	28°15	n.a.	W23
T 24	8 5 57	3°16'47	8♈31	15°49	11°25	26°41	19°44	28°44	28°33	3°39	17°33	23°45	25°18	28°22	n.a.	T 24
F 25	8 9 54	4°14'42	20°24	17°36	11°50	27°22	19°51	28°50	28°30	3°38	17°33	23°46	25°15	28°28	n.a.	F 25
S 26	8 13 50	5°12'34	2♉14	19°24	12°13	28° 2	19°58	28°56	28°28	3°37	17°33	23°R47	25°11	28°35	n.a.	S 26
S 27	8 17 47	6°10'24	14° 5	21°15	12°35	28°42	20° 6	29° 1	28°26	3°35	17°32	23°47	25° 8	28°42	n.a.	S 27
M28	8 21 43	7♒ 8'13	26♉ 4	23♑ 7	12♓54	29♒22	20♈13	29♓ 7	28♌24	3♋34	17♎32	23♓45	25♓ 5	28♈48	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat	
T 1	23 s39	25n12	4n32	23 s31	0 s29	10 s50	2n33	18 s34	0 s40	6n51	0 s19	3 s13	2 s10	12n53	0n52	25n13	1n10	3 s25	3n57	1 s40	1 s25	12n35					n.a.	
W 2	23 34	27 48	4 53	23 48	0 39	10 26	2 40	18 22	0 39	6 52	0 18	3 12	2 10	12 53	0 52	25 13	1 10	3 25	3 57	1 44	1 27	12 38					n.a.	
T 3	23 28	29 3	5 1	24 5	0 48	10 2	2 47	18 10	0 39	6 54	0 18	3 10	2 9	12 54	0 52	25 13	1 11	3 25	3 57	1 49	1 28	12 41					n.a.	
F 4	23 22	28 45	4 54	24 21	0 57	9 38	2 55	17 57	0 38	6 56	0 18	3 8	2 9	12 54	0 53	25 13	1 11	3 25	3 57	1 54	1 29	12 45					n.a.	
S 5	23 16	26 50	4 31	24 36	1 5	9 14	3 2	17 44	0 37	6 58	0 18	3 6	2 9	12 55	0 53	25 13	1 11	3 26	3 57	1 59	1 31	12 48					n.a.	
S 6	23 9	23 25	3 53	24 50	1 12	8 50	3 9	17 32	0 37	6 59	0 18	3 4	2 8	12 56	0 53	25 13	1 11	3 26	3 57	2 3	1 32	12 51					n.a.	
M 7	23 1	18 40	3 1	25 3	1 20	8 26	3 16	17 19	0 36	7 1	0 17	3 2	2 8	12 56	0 53	25 14	1 11	3 26	3 57	2 6	1 33	12 54					n.a.	
T 8	22 54	12 56	1 58	25 16	1 27	8 3	3 23	17 6	0 36	7 3	0 17	3 0	2 8	12 57	0 53	25 14	1 11	3 26	3 57	2 8	1 34	12 57					n.a.	
W 9	22 46	6 30	0 48	25 27	1 33	7 39	3 31	16 52	0 35	7 5	0 17	2 58	2 8	12 57	0 53	25 14	1 11	3 26	3 57	2 8	1 36	13 1					n.a.	
T 10	22 37	0 s17	0 s26	25 37	1 39	7 16	3 38	16 39	0 34	7 7	0 17	2 56	2 7	12 58	0 53	25 14	1 11	3 26	3 57	2 8	1 37	13 4					n.a.	
F 11	22 28	7 6	1 39	25 46	1 45	6 54	3 45	16 26	0 34	7 10	0 17	2 54	2 7	12 59	0 53	25 14	1 11	3 26	3 57	2 8	1 38	13 7					n.a.	
S 12	22 19	13 36	2 47	25 54	1 50	6 31	3 53	16 12	0 33	7 12	0 16	2 52	2 7	12 59	0 53	25 14	1 11	3 26	3 57	2 8	1 40	13 10					n.a.	
S 13	22 9	19 26	3 44	26 0	1 54	6 9	4 0	15 58	0 32	7 14	0 16	2 50	2 7	13 0	0 53	25 14	1 11	3 26	3 57	2 9	1 41	13 13					n.a.	
M14	21 59	24 12	4 28	26 5	1 58	5 47	4 8	15 45	0 32	7 16	0 16	2 47	2 6	13 1	0 53	25 14	1 11	3 26	3 57	2 10	1 42	13 17					n.a.	
T 15	21 49	27 31	4 55	26 8	2 2	5 26	4 15	15 31	0 31	7 19	0 16	2 45	2 6	13 1	0 53	25 14	1 11	3 26	3 57	2 13	1 44	13 20					n.a.	
W16	21 38	29 4	5 4	26 10	2 5	5 5	4 22	15 17	0 30	7 21	0 16	2 43	2 6	13 2	0 53	25 14	1 11	3 26	3 57	2 16	1 45	13 23					n.a.	
T 17	21 27	28 44	4 55	26 10	2 7	4 44	4 30	15 3	0 30	7 24	0 16	2 41	2 5	13 3	0 53	25 14	1 11	3 27	3 57	2 20	1 46	13 26					n.a.	
F 18	21 15	26 37	4 29	26 8	2 9	4 24	4 37	14 49	0 29	7 26	0 15	2 38	2 5	13 4	0 53	25 14	1 11	3 27	3 57	2 24	1 47	13 29					n.a.	
S 19	21 3	23 1	3 48	26 5	2 11	4 4	4 44	14 34	0 29	7 29	0 15	2 36	2 5	13 4	0 53	25 14	1 11	3 27	3 57	2 27	1 49	13 33					n.a.	
S 20	20 51	18 20	2 55	26 0	2 12	3 45	4 52	14 20	0 28	7 31	0 15	2 34	2 5	13 5	0 53	25 14	1 11	3 26	3 57	2 30	1 50	13 36					n.a.	
M21	20 38	12 56	1 55	25 52	2 12	3 26	4 59	14 6	0 27	7 34	0 15	2 31	2 4	13 6	0 53	25 14	1 11	3 26	3 57	2 32	1 51	13 39					n.a.	
T 22	20 25	7 8	0 51	25 43	2 12	3 8	5 6	13 51	0 27	7 37	0 15	2 29	2 4	13 7	0 53	25 14	1 11	3 26	3 57	2 33	1 53	13 42					n.a.	
W23	20 12	1 12	0n15	25 32	2 12	2 51	5 13	13 37	0 26	7 40	0 14	2 26	2 4	13 7	0 53	25 14	1 11	3 26	3 57	2 33	1 54	13 45					n.a.	
T 24	19 58	4n40	1 19	25 18	2 10	2 34	5 20	13 22	0 25	7 43	0 14	2 24	2 4	13 8	0 53	25 14	1 11	3 26	3 57	2 33	1 55	13 48					n.a.	
F 25	19 44	10 19	2 19	25 3	2 9	2 18	5 27	13 7	0 25	7 46	0 14	2 21	2 4	13 9	0 53	25 14	1 10	3 26	3 57	2 32	1 56	13 51					n.a.	
S 26	19 30	15 35	3 12	24 45	2 6	2 2	5 34	12 52	0 24	7 49	0 14	2 19	2 3	13 10	0 53	25 14	1 10	3 26	3 57	2 32	1 58	13 55					n.a.	
S 27	19 15	20 17	3 58	24 25	2 3	1 48	5 41	12 37	0 24	7 52	0 14	2 16	2 3	13 11	0 53	25 14	1 10	3 26	3 57	2 32	1 59	13 58					n.a.	
M28	19 s 0	24n14	4n33	24 s 2	2 s 0	1 s34	5n47	12 s22	0 s23	7n55	0 s14	2 s14	2 s 3	13n11	0n53	25n14	1n10	3 s26	3n57	2 s33	2 s 0	14n 1					n.a.	

Julian Day Number = 203840.5, Delta T = 32h05m13s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'22, Lahiri = -61°02'21 Julian Calendar 1 Feb. 4155 BCE == Greg. Calendar 30 Dec. 4156 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

MARCH 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 25 40	8♒ 5'59	8♊15	25♉ 1	13♓12	0♓ 2	20♈21	29♓13	28°R22	3°R33	17°R32	23°R41	25♓ 2	28♈55	n.a.	T 1
W 2	8 29 37	9° 3'44	20°41	26°57	13°28	0°42	20°29	29°19	28♌19	3♋31	17♎32	23♓35	24°59	29° 2	n.a.	W 2
T 3	8 33 33	10° 1'26	3♋25	28°54	13°42	1°23	20°37	29°25	28°17	3°30	17°31	23°29	24°56	29° 8	n.a.	T 3
F 4	8 37 30	10°59'07	16°30	0♒53	13°53	2° 3	20°45	29°31	28°15	3°29	17°31	23°21	24°52	29°15	n.a.	F 4
S 5	8 41 26	11°56'46	29°55	2°54	14° 3	2°43	20°53	29°37	28°12	3°28	17°31	23°15	24°49	29°22	n.a.	S 5
S 6	8 45 23	12°54'23	13♌37	4°56	14°10	3°23	21° 1	29°44	28°10	3°26	17°30	23° 9	24°46	29°28	n.a.	S 6
M 7	8 49 19	13°51'59	27°35	7° 0	14°15	4° 2	21°10	29°50	28° 7	3°25	17°30	23° 5	24°43	29°35	n.a.	M 7
T 8	8 53 16	14°49'33	11♍45	9° 5	14°18	4°42	21°18	29°56	28° 5	3°24	17°29	23° 3	24°40	29°42	n.a.	T 8
W 9	8 57 12	15°47'06	26° 1	11°12	14°R18	5°22	21°27	0♈ 3	28° 3	3°23	17°29	23°D 2	24°37	29°48	n.a.	W 9
T 10	9 1 9	16°44'37	10♎20	13°20	14°16	6° 2	21°35	0° 9	28° 0	3°22	17°28	23° 3	24°33	29°55	n.a.	T 10
F 11	9 5 5	17°42'07	24°39	15°29	14°12	6°42	21°44	0°16	27°58	3°21	17°28	23° 4	24°30	0♉ 2	n.a.	F 11
S 12	9 9 2	18°39'37	8♏54	17°38	14° 5	7°22	21°53	0°22	27°55	3°20	17°27	23° 6	24°27	0° 8	n.a.	S 12
S 13	9 12 59	19°37'05	23° 4	19°48	13°56	8° 1	22° 2	0°29	27°53	3°19	17°27	23°R 6	24°24	0°15	n.a.	S 13
M14	9 16 55	20°34'32	7♐ 7	21°59	13°44	8°41	22°12	0°35	27°50	3°18	17°26	23° 5	24°21	0°22	n.a.	M14
T 15	9 20 52	21°31'58	21° 1	24° 9	13°31	9°21	22°21	0°42	27°48	3°17	17°25	23° 2	24°17	0°28	n.a.	T 15
W16	9 24 48	22°29'23	4♑45	26°20	13°14	10° 1	22°30	0°49	27°45	3°16	17°25	22°59	24°14	0°35	n.a.	W16
T 17	9 28 45	23°26'46	18°17	28°30	12°55	10°40	22°40	0°56	27°43	3°15	17°24	22°54	24°11	0°42	n.a.	T 17
F 18	9 32 41	24°24'09	1♒36	0♓39	12°35	11°20	22°49	1° 3	27°40	3°14	17°23	22°50	24° 8	0°48	n.a.	F 18
S 19	9 36 38	25°21'31	14°40	2°47	12°11	11°59	22°59	1° 9	27°38	3°13	17°22	22°46	24° 5	0°55	n.a.	S 19
S 20	9 40 34	26°18'51	27°29	4°54	11°46	12°39	23° 9	1°16	27°36	3°12	17°22	22°43	24° 2	1° 2	n.a.	S 20
M21	9 44 31	27°16'10	10♓ 4	6°59	11°19	13°19	23°19	1°23	27°33	3°11	17°21	22°41	23°58	1° 8	n.a.	M21
T 22	9 48 27	28°13'28	22°24	9° 3	10°50	13°58	23°29	1°30	27°30	3°11	17°20	22°D40	23°55	1°15	n.a.	T 22
W23	9 52 24	29°10'45	4♈32	11° 5	10°19	14°38	23°39	1°38	27°28	3°10	17°19	22°41	23°52	1°22	n.a.	W23
T 24	9 56 21	0♓ 8'00	16°30	13° 4	9°46	15°17	23°49	1°45	27°25	3° 9	17°18	22°42	23°49	1°28	n.a.	T 24
F 25	10 0 17	1° 5'14	28°23	15° 2	9°12	15°56	23°59	1°52	27°23	3° 8	17°17	22°44	23°46	1°35	n.a.	F 25
S 26	10 4 14	2° 2'27	10♉12	16°57	8°37	16°36	24°10	1°59	27°21	3° 8	17°16	22°45	23°43	1°42	n.a.	S 26
S 27	10 8 10	2°59'39	22° 4	18°49	8° 1	17°15	24°20	2° 6	27°18	3° 7	17°15	22°46	23°39	1°48	n.a.	S 27
M28	10 12 7	3°56'50	4♊ 3	20°39	7°24	17°55	24°31	2°14	27°16	3° 6	17°14	22°R47	23°36	1°55	n.a.	M28
T 29	10 16 3	4°53'59	16°13	22°26	6°46	18°34	24°41	2°21	27°13	3° 6	17°13	22°46	23°33	2° 2	n.a.	T 29
W30	10 20 0	5°51'08	28°40	24°11	6° 8	19°13	24°52	2°28	27°11	3° 5	17°12	22°45	23°30	2° 8	n.a.	W30
T 31	10 23 56	6♓48'15	11♋26	25♓53	5♓30	19♓53	25♈ 3	2♈36	27♌ 8	3♋ 5	17♎11	22♓43	23♓27	2♉15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18s45	27n11	4n57	23s38	1s56	1s21	5n54	12s 7	0s22	7n58	0s13	2s11	2s 3	13n12	0n53	25n14	1n10	3s26	3n57	2s35	2s 2	14n 4		n.a.
W 2	18 30	28 54	5 8	23 11	1 51	1 9	6 0	11 52	0 22	8 1	0 13	2 8	2 2	13 13	0 53	25 14	1 10	3 26	3 57	2 37	2 3	14 7		n.a.
T 3	18 14	29 8	5 4	22 41	1 46	0 59	6 6	11 37	0 21	8 4	0 13	2 6	2 2	13 14	0 53	25 15	1 10	3 26	3 57	2 40	2 4	14 10		n.a.
F 4	17 58	27 45	4 44	22 9	1 40	0 49	6 12	11 22	0 20	8 7	0 13	2 3	2 2	13 15	0 53	25 15	1 10	3 25	3 57	2 43	2 6	14 13		n.a.
S 5	17 41	24 46	4 8	21 35	1 34	0 40	6 18	11 6	0 20	8 11	0 13	2 0	2 2	13 16	0 53	25 15	1 10	3 25	3 57	2 45	2 7	14 17		n.a.
S 6	17 25	20 21	3 17	20 58	1 27	0 32	6 23	10 51	0 19	8 14	0 13	1 58	2 2	13 16	0 53	25 15	1 10	3 25	3 57	2 48	2 8	14 20		n.a.
M 7	17 8	14 44	2 14	20 19	1 20	0 25	6 28	10 35	0 19	8 17	0 12	1 55	2 1	13 17	0 53	25 15	1 10	3 25	3 57	2 49	2 9	14 23		n.a.
T 8	16 51	8 17	1 1	19 38	1 12	0 20	6 33	10 20	0 18	8 21	0 12	1 52	2 1	13 18	0 53	25 15	1 10	3 25	3 57	2 50	2 11	14 26		n.a.
W 9	16 33	1 23	0s16	18 55	1 3	0 15	6 38	10 4	0 17	8 24	0 12	1 49	2 1	13 19	0 53	25 15	1 10	3 24	3 57	2 50	2 12	14 29		n.a.
T 10	16 15	5s37	1 33	18 9	0 54	0 12	6 42	9 49	0 17	8 28	0 12	1 46	2 1	13 20	0 53	25 15	1 10	3 24	3 57	2 50	2 13	14 32		n.a.
F 11	15 58	12 20	2 44	17 22	0 45	0 11	6 45	9 33	0 16	8 31	0 12	1 44	2 1	13 21	0 53	25 15	1 10	3 24	3 57	2 49	2 15	14 35		n.a.
S 12	15 39	18 23	3 44	16 33	0 36	0 10	6 49	9 17	0 16	8 35	0 12	1 41	2 0	13 22	0 53	25 15	1 10	3 24	3 57	2 49	2 16	14 38		n.a.
S 13	15 21	23 25	4 30	15 42	0 26	0 11	6 52	9 2	0 15	8 39	0 11	1 38	2 0	13 23	0 53	25 15	1 10	3 24	3 57	2 49	2 17	14 41		n.a.
M14	15 2	27 2	5 0	14 49	0 15	0 14	6 54	8 46	0 14	8 42	0 11	1 35	2 0	13 23	0 53	25 15	1 10	3 23	3 57	2 49	2 18	14 45		n.a.
T 15	14 43	28 59	5 12	13 55	0 5	0 17	6 56	8 30	0 14	8 46	0 11	1 32	2 0	13 24	0 53	25 15	1 10	3 23	3 57	2 50	2 20	14 48		n.a.
W16	14 24	29 7	5 6	13 0	0n 6	0 22	6 57	8 14	0 13	8 50	0 11	1 29	2 0	13 25	0 53	25 15	1 10	3 23	3 58	2 52	2 21	14 51		n.a.
T 17	14 5	27 29	4 42	12 5	0 16	0 29	6 58	7 58	0 13	8 53	0 11	1 26	1 59	13 26	0 53	25 15	1 10	3 23	3 58	2 54	2 22	14 54		n.a.
F 18	13 45	24 19	4 4	11 8	0 27	0 37	6 58	7 42	0 12	8 57	0 11	1 23	1 59	13 27	0 53	25 15	1 10	3 22	3 58	2 55	2 24	14 57		n.a.
S 19	13 26	19 58	3 13	10 12	0 37	0 47	6 57	7 26	0 11	9 1	0 11	1 20	1 59	13 28	0 53	25 15	1 10	3 22	3 58	2 57	2 25	15 0		n.a.
S 20	13 6	14 46	2 14	9 15	0 47	0 58	6 56	7 10	0 11	9 5	0 10	1 17	1 59	13 29	0 53	25 15	1 10	3 22	3 58	2 58	2 26	15 3		n.a.
M21	12 46	9 4	1 9	8 18	0 57	1 10	6 54	6 54	0 10	9 9	0 10	1 14	1 59	13 30	0 53	25 15	1 10	3 21	3 57	2 59	2 28	15 6		n.a.
T 22	12 25	3 7	0 1	7 22	1 7	1 24	6 51	6 38	0 10	9 13	0 10	1 11	1 59	13 31	0 53	25 15	1 10	3 21	3 57	2 59	2 29	15 9		n.a.
W23	12 5	2n50	1n 5	6 26	1 17	1 39	6 48	6 21	0 9	9 17	0 10	1 8	1 58	13 31	0 53	25 15	1 10	3 21	3 57	2 59	2 30	15 12		n.a.
T 24	11 44	8 37	2 7	5 31	1 26	1 55	6 43	6 5	0 8	9 21	0 10	1 5	1 58	13 32	0 53	25 15	1 10	3 20	3 57	2 59	2 31	15 15		n.a.
F 25	11 24	14 3	3 4	4 37	1 34	2 13	6 39	5 49	0 8	9 25	0 10	1 2	1 58	13 33	0 53	25 15	1 10	3 20	3 57	2 58	2 33	15 18		n.a.
S 26	11 3	18 58	3 53	3 44	1 42	2 31	6 33	5 33	0 7	9 29	0 10	0 59	1 58	13 34	0 53	25 15	1 10	3 20	3 57	2 57	2 34	15 21		n.a.
S 27	10 41	23 10	4 32	2 52	1 50	2 51	6 26	5 16	0 7	9 33	0 9	0 56	1 58	13 35	0 53	25 15	1 10	3 19	3 57	2 57	2 35	15 25		n.a.
M28	10 20	26 26	4 59	2 1	1 57	3 11	6 19	5 0	0 6	9 37	0 9	0 53	1 58	13 36	0 53	25 15	1 10	3 19	3 57	2 57	2 37	15 28		n.a.
T 29	9 59	28 34	5 13	1 12	2 3	3 33	6 11	4 44	0 5	9 41	0 9	0 50	1 57	13 37	0 53	25 15	1 10	3 18	3 57	2 57	2 38	15 31		n.a.
W30	9 37	29 20	5 14	0 25	2 9	3 55	6 2	4 27	0 5	9 45	0 9	0 47	1 57	13 38	0 53	25 15	1 10	3 18	3 57	2 57	2 39	15 34		n.a.
T 31	9s16	28n34	4n59	0n22	2n14	4s18	5n53	4s11	0s 4	9n50	0s 9	0s43	1s57	13n38	0n53	25n15	1n10	3s18	3n57	2s58	2s40	15n37		n.a.

Julian Day Number = 203868.5, Delta T = 32h05m10s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'18, Lahiri = -61°02'18 Julian Calendar 1 March 4155 BCE == Greg. Calendar 27 Jan. 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

APRIL 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 27 53	7♓45'21	24♋35	27♓32	4°R52	20♓32	25♈14	2♈43	27°R 6	3°R 4	17°R10	22°R41	23♓23	2♉22	n.a.	F 1
S 2	10 31 50	8°42'26	8♌ 7	29° 8	4♓15	21°11	25°25	2°50	27♌ 3	3♋ 4	17♎ 9	22♓39	23°20	2°28	n.a.	S 2
S 3	10 35 46	9°39'31	22° 3	0♈41	3°38	21°50	25°36	2°58	27° 1	3° 3	17° 8	22°38	23°17	2°35	n.a.	S 3
M 4	10 39 43	10°36'34	6♍19	2°11	3° 2	22°29	25°47	3° 5	26°58	3° 3	17° 7	22°37	23°14	2°42	n.a.	M 4
T 5	10 43 39	11°33'37	20°50	3°39	2°27	23° 9	25°58	3°13	26°56	3° 3	17° 6	22°D37	23°11	2°48	n.a.	T 5
W 6	10 47 36	12°30'39	5♎32	5° 4	1°54	23°48	26° 9	3°20	26°54	3° 2	17° 5	22°37	23° 8	2°55	n.a.	W 6
T 7	10 51 32	13°27'41	20°17	6°25	1°22	24°27	26°20	3°28	26°51	3° 2	17° 3	22°37	23° 4	3° 2	n.a.	T 7
F 8	10 55 29	14°24'42	4♏58	7°44	0°51	25° 6	26°32	3°36	26°49	3° 2	17° 2	22°38	23° 1	3° 9	n.a.	F 8
S 9	10 59 25	15°21'43	19°31	9° 0	0°23	25°45	26°43	3°43	26°47	3° 1	17° 1	22°39	22°58	3°15	n.a.	S 9
S 10	11 3 22	16°18'44	3♐50	10°12	29♒56	26°24	26°55	3°51	26°44	3° 1	17° 0	22°39	22°55	3°22	n.a.	S 10
M11	11 7 19	17°15'45	17°54	11°22	29°32	27° 3	27° 6	3°59	26°42	3° 1	16°59	22°R39	22°52	3°29	n.a.	M11
T 12	11 11 15	18°12'45	1♑40	12°28	29°10	27°42	27°18	4° 6	26°40	3° 1	16°57	22°39	22°48	3°35	n.a.	T 12
W13	11 15 12	19° 9'46	15°10	13°31	28°50	28°21	27°30	4°14	26°38	3° 1	16°56	22°39	22°45	3°42	n.a.	W13
T 14	11 19 8	20° 6'46	28°22	14°31	28°32	29° 0	27°41	4°22	26°35	3° 0	16°55	22°38	22°42	3°49	n.a.	T 14
F 15	11 23 5	21° 3'47	11♒19	15°27	28°17	29°39	27°53	4°29	26°33	3° 0	16°53	22°38	22°39	3°55	n.a.	F 15
S 16	11 27 2	22° 0'47	24° 2	16°20	28° 4	0♈18	28° 5	4°37	26°31	3° 0	16°52	22°38	22°36	4° 2	n.a.	S 16
S 17	11 30 58	22°57'47	6♓31	17° 9	27°53	0°57	28°17	4°45	26°29	3°D 0	16°51	22°D38	22°33	4° 9	n.a.	S 17
M18	11 34 55	23°54'46	18°50	17°54	27°45	1°36	28°29	4°53	26°27	3° 0	16°49	22°R38	22°29	4°15	n.a.	M18
T 19	11 38 51	24°51'46	0♈58	18°36	27°39	2°14	28°41	5° 1	26°25	3° 0	16°48	22°38	22°26	4°22	n.a.	T 19
W20	11 42 48	25°48'45	12°58	19°13	27°36	2°53	28°53	5° 8	26°22	3° 1	16°47	22°38	22°23	4°29	n.a.	W20
T 21	11 46 44	26°45'45	24°52	19°47	27°D34	3°32	29° 6	5°16	26°20	3° 1	16°45	22°38	22°20	4°35	n.a.	T 21
F 22	11 50 41	27°42'44	6♉42	20°17	27°36	4°11	29°18	5°24	26°18	3° 1	16°44	22°37	22°17	4°42	n.a.	F 22
S 23	11 54 37	28°39'43	18°31	20°42	27°39	4°50	29°30	5°32	26°16	3° 1	16°42	22°36	22°14	4°49	n.a.	S 23
S 24	11 58 34	29°36'42	0♊23	21° 3	27°45	5°29	29°42	5°40	26°14	3° 1	16°41	22°35	22°10	4°55	n.a.	S 24
M25	12 2 31	0♈33'40	12°22	21°19	27°53	6° 7	29°55	5°48	26°13	3° 2	16°40	22°35	22° 7	5° 2	n.a.	M25
T 26	12 6 27	1°30'39	24°31	21°31	28° 3	6°46	0♉ 7	5°56	26°11	3° 2	16°38	22°34	22° 4	5° 9	n.a.	T 26
W27	12 10 24	2°27'37	6♋55	21°38	28°15	7°25	0°20	6° 3	26° 9	3° 2	16°37	22°D34	22° 1	5°15	n.a.	W27
T 28	12 14 20	3°24'35	19°38	21°R41	28°29	8° 3	0°32	6°11	26° 7	3° 2	16°35	22°35	21°58	5°22	n.a.	T 28
F 29	12 18 17	4°21'33	2♌44	21°39	28°45	8°42	0°45	6°19	26° 5	3° 3	16°34	22°35	21°54	5°29	n.a.	F 29
S 30	12 22 14	5♈18'31	16♌15	21♈33	29♒ 3	9♈21	0♉57	6♈27	26♌ 3	3♋ 3	16♎32	22♓36	21♓51	5♉36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8s54	26n12	4n28	1n 6	2n19	4s41	5n43	3s55	0s 4	9n54	0s 9	0s40	1s57	13n39	0n53	25n15	1n10	3s17	3n57	2s59	2s42	15n40		n.a.
S 2	8 32	22 19	3 42	1 49	2 22	5 5	5 32	3 38	0 3	9 58	0 9	0 37	1 57	13 40	0 53	25 15	1 10	3 17	3 57	3 0	2 43	15 43		n.a.
S 3	8 10	17 5	2 41	2 30	2 26	5 29	5 21	3 22	0 3	10 2	0 8	0 34	1 57	13 41	0 53	25 15	1 10	3 17	3 57	3 0	2 44	15 46		n.a.
M 4	7 48	10 49	1 29	3 9	2 28	5 53	5 10	3 5	0 2	10 6	0 8	0 31	1 57	13 42	0 53	25 15	1 10	3 16	3 57	3 1	2 46	15 49		n.a.
T 5	7 25	3 53	0 10	3 46	2 30	6 17	4 58	2 49	0 1	10 11	0 8	0 28	1 57	13 43	0 53	25 15	1 10	3 16	3 57	3 1	2 47	15 52		n.a.
W 6	7 3	3s20	1s11	4 21	2 31	6 40	4 45	2 33	0 1	10 15	0 8	0 24	1 56	13 43	0 53	25 15	1 10	3 15	3 57	3 1	2 48	15 55		n.a.
T 7	6 41	10 24	2 27	4 55	2 31	7 4	4 32	2 16	0 0	10 19	0 8	0 21	1 56	13 44	0 53	25 15	1 10	3 15	3 57	3 0	2 49	15 58		n.a.
F 8	6 18	16 53	3 34	5 27	2 30	7 27	4 19	2 0	0n 0	10 24	0 8	0 18	1 56	13 45	0 53	25 15	1 10	3 14	3 57	3 0	2 51	16 1		n.a.
S 9	5 56	22 21	4 26	5 56	2 29	7 50	4 6	1 43	0 1	10 28	0 8	0 15	1 56	13 46	0 53	25 15	1 10	3 14	3 57	3 0	2 52	16 4		n.a.
S 10	5 33	26 25	5 0	6 24	2 27	8 12	3 52	1 27	0 2	10 33	0 7	0 12	1 56	13 47	0 53	25 15	1 10	3 13	3 57	3 0	2 53	16 7		n.a.
M11	5 10	28 47	5 16	6 49	2 25	8 33	3 39	1 10	0 2	10 37	0 7	0 8	1 56	13 47	0 53	25 15	1 10	3 13	3 57	3 0	2 55	16 10		n.a.
T 12	4 47	29 19	5 13	7 13	2 21	8 54	3 25	0 54	0 3	10 41	0 7	0 5	1 56	13 48	0 53	25 14	1 10	3 13	3 57	3 0	2 56	16 13		n.a.
W13	4 24	28 4	4 53	7 34	2 17	9 14	3 12	0 37	0 3	10 46	0 7	0 2	1 56	13 49	0 53	25 14	1 10	3 12	3 57	3 0	2 57	16 16		n.a.
T 14	4 1	25 16	4 17	7 54	2 12	9 33	2 58	0 21	0 4	10 50	0 7	0n 1	1 55	13 50	0 53	25 14	1 10	3 12	3 57	3 0	2 59	16 19		n.a.
F 15	3 38	21 13	3 30	8 11	2 6	9 51	2 44	0 5	0 4	10 55	0 7	0 5	1 55	13 50	0 53	25 14	1 10	3 11	3 57	3 0	3 0	16 22		n.a.
S 16	3 15	16 16	2 32	8 26	2 0	10 8	2 31	0n12	0 5	10 59	0 7	0 8	1 55	13 51	0 53	25 14	1 10	3 11	3 57	3 0	3 1	16 25		n.a.
S 17	2 52	10 44	1 28	8 39	1 53	10 24	2 18	0 28	0 6	11 4	0 7	0 11	1 55	13 52	0 53	25 14	1 10	3 10	3 57	3 0	3 2	16 28		n.a.
M18	2 29	4 52	0 21	8 49	1 45	10 39	2 5	0 45	0 6	11 8	0 6	0 14	1 55	13 53	0 53	25 14	1 10	3 10	3 57	3 0	3 4	16 31		n.a.
T 19	2 6	1n 6	0n46	8 58	1 36	10 53	1 52	1 1	0 7	11 13	0 6	0 18	1 55	13 53	0 53	25 14	1 9	3 9	3 57	3 0	3 5	16 34		n.a.
W20	1 43	6 57	1 50	9 4	1 27	11 6	1 39	1 17	0 7	11 17	0 6	0 21	1 55	13 54	0 53	25 14	1 9	3 9	3 57	3 0	3 6	16 37		n.a.
T 21	1 19	12 30	2 49	9 7	1 16	11 18	1 27	1 34	0 8	11 22	0 6	0 24	1 55	13 55	0 53	25 14	1 9	3 8	3 57	3 0	3 8	16 40		n.a.
F 22	0 56	17 35	3 41	9 9	1 6	11 29	1 15	1 50	0 8	11 27	0 6	0 27	1 55	13 55	0 53	25 14	1 9	3 8	3 57	3 1	3 9	16 43		n.a.
S 23	0 33	22 1	4 22	9 8	0 54	11 39	1 3	2 6	0 9	11 31	0 6	0 31	1 55	13 56	0 53	25 14	1 9	3 7	3 56	3 1	3 10	16 46		n.a.
S 24	0 10	25 35	4 53	9 5	0 42	11 48	0 51	2 23	0 9	11 36	0 6	0 34	1 55	13 57	0 53	25 14	1 9	3 7	3 56	3 1	3 11	16 48		n.a.
M25	0n14	28 4	5 12	8 59	0 29	11 56	0 40	2 39	0 10	11 40	0 5	0 37	1 54	13 57	0 53	25 14	1 9	3 6	3 56	3 2	3 13	16 51		n.a.
T 26	0 37	29 16	5 16	8 51	0 15	12 2	0 29	2 55	0 11	11 45	0 5	0 41	1 54	13 58	0 53	25 14	1 9	3 6	3 56	3 2	3 14	16 54		n.a.
W27	1 0	29 2	5 7	8 41	0 1	12 8	0 18	3 11	0 11	11 49	0 5	0 44	1 54	13 59	0 53	25 14	1 9	3 5	3 56	3 2	3 15	16 57		n.a.
T 28	1 24	27 17	4 42	8 28	0s14	12 13	0 8	3 28	0 12	11 54	0 5	0 47	1 54	13 59	0 53	25 14	1 9	3 5	3 56	3 2	3 17	17 0		n.a.
F 29	1 47	24 1	4 2	8 14	0 29	12 17	0s 2	3 44	0 12	11 59	0 5	0 50	1 54	14 0	0 53	25 14	1 9	3 4	3 56	3 1	3 18	17 3		n.a.
S 30	2n10	19n23	3n 8	7n57	0s44	12s19	0s12	4n 0	0n13	12n 3	0s 5	0n54	1s54	14n 0	0n53	25n14	1n 9	3s 4	3n56	3s 1	3s19	17n 6		n.a.

Julian Day Number = 203899.5, Delta T = 32h05m06s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'14, Lahiri = -61°02'13 Julian Calendar 1 Apr. 4155 BCE == Greg. Calendar 27 Feb. 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

MAY 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 26 10	6♈15'29	0♍12	21°R22	29♒22	9♈59	1♉10	6♈35	26°R 2	3♋ 4	16°R31	22♓37	21♓48	5♉42	n.a.	S 1
M 2	12 30 7	7°12'27	14°35	21♈ 6	29°44	10°38	1°22	6°43	26♌ 0	3° 4	16♎29	22°38	21°45	5°49	n.a.	M 2
T 3	12 34 3	8° 9'26	29°19	20°47	0♓ 7	11°17	1°35	6°51	25°58	3° 5	16°28	22°R38	21°42	5°56	n.a.	T 3
W 4	12 38 0	9° 6'24	14♎18	20°23	0°32	11°55	1°48	6°59	25°57	3° 5	16°26	22°37	21°39	6° 2	n.a.	W 4
T 5	12 41 56	10° 3'23	29°24	19°56	0°59	12°34	2° 1	7° 7	25°55	3° 6	16°25	22°36	21°35	6° 9	n.a.	T 5
F 6	12 45 53	11° 0'23	14♏27	19°25	1°27	13°12	2°13	7°14	25°54	3° 6	16°23	22°34	21°32	6°16	n.a.	F 6
S 7	12 49 50	11°57'23	29°20	18°52	1°56	13°51	2°26	7°22	25°52	3° 7	16°22	22°31	21°29	6°22	n.a.	S 7
S 8	12 53 46	12°54'24	13♐55	18°17	2°27	14°30	2°39	7°30	25°51	3° 8	16°20	22°29	21°26	6°29	n.a.	S 8
M 9	12 57 43	13°51'26	28° 8	17°40	3° 0	15° 8	2°52	7°38	25°49	3° 8	16°19	22°28	21°23	6°36	n.a.	M 9
T 10	13 1 39	14°48'29	11♑56	17° 1	3°33	15°47	3° 5	7°46	25°48	3° 9	16°17	22°D27	21°20	6°42	n.a.	T 10
W11	13 5 36	15°45'32	25°20	16°22	4° 8	16°25	3°18	7°54	25°47	3°10	16°16	22°27	21°16	6°49	n.a.	W11
T 12	13 9 32	16°42'37	8♒23	15°44	4°45	17° 4	3°31	8° 2	25°45	3°11	16°14	22°28	21°13	6°56	n.a.	T 12
F 13	13 13 29	17°39'42	21° 6	15° 6	5°22	17°42	3°44	8° 9	25°44	3°12	16°13	22°30	21°10	7° 2	n.a.	F 13
S 14	13 17 26	18°36'48	3♓33	14°30	6° 1	18°21	3°57	8°17	25°43	3°12	16°11	22°31	21° 7	7° 9	n.a.	S 14
S 15	13 21 22	19°33'56	15°48	13°56	6°40	18°59	4°10	8°25	25°42	3°13	16°10	22°32	21° 4	7°16	n.a.	S 15
M16	13 25 19	20°31'04	27°53	13°25	7°21	19°38	4°23	8°33	25°41	3°14	16° 8	22°R32	21° 0	7°22	n.a.	M16
T 17	13 29 15	21°28'13	9♈51	12°57	8° 3	20°16	4°36	8°41	25°40	3°15	16° 7	22°31	20°57	7°29	n.a.	T 17
W18	13 33 12	22°25'23	21°44	12°33	8°46	20°54	4°49	8°48	25°39	3°16	16° 5	22°28	20°54	7°36	n.a.	W18
T 19	13 37 8	23°22'33	3♉34	12°13	9°29	21°33	5° 2	8°56	25°38	3°17	16° 4	22°24	20°51	7°43	n.a.	T 19
F 20	13 41 5	24°19'45	15°24	11°59	10°14	22°11	5°16	9° 4	25°37	3°18	16° 2	22°19	20°48	7°49	n.a.	F 20
S 21	13 45 2	25°16'58	27°15	11°49	10°59	22°50	5°29	9°12	25°36	3°19	16° 1	22°13	20°45	7°56	n.a.	S 21
S 22	13 48 58	26°14'11	9♊ 9	11°D45	11°46	23°28	5°42	9°19	25°35	3°20	15°59	22° 7	20°41	8° 3	n.a.	S 22
M23	13 52 55	27°11'26	21° 9	11°46	12°33	24° 6	5°55	9°27	25°35	3°21	15°58	22° 2	20°38	8° 9	n.a.	M23
T 24	13 56 51	28° 8'41	3♋19	11°53	13°21	24°45	6° 8	9°35	25°34	3°23	15°56	21°58	20°35	8°16	n.a.	T 24
W25	14 0 48	29° 5'57	15°42	12° 7	14° 9	25°23	6°22	9°42	25°33	3°24	15°55	21°56	20°32	8°23	n.a.	W25
T 26	14 4 45	0♌ 3'14	28°22	12°26	14°59	26° 2	6°35	9°50	25°33	3°25	15°53	21°D55	20°29	8°29	n.a.	T 26
F 27	14 8 41	1° 0'32	11♌22	12°51	15°49	26°40	6°48	9°57	25°32	3°26	15°52	21°55	20°25	8°36	n.a.	F 27
S 28	14 12 38	1°57'50	24°45	13°22	16°40	27°18	7° 1	10° 5	25°31	3°27	15°50	21°56	20°22	8°43	n.a.	S 28
S 29	14 16 34	2°55'09	8♍36	14° 0	17°31	27°57	7°15	10°12	25°31	3°29	15°49	21°58	20°19	8°49	n.a.	S 29
M30	14 20 31	3°52'30	22°53	14°43	18°23	28°35	7°28	10°20	25°31	3°30	15°48	21°R58	20°16	8°56	n.a.	M30
T 31	14 24 27	4♉49'51	7♎36	15♈33	19♓16	29♈13	7♉41	10♈27	25♌30	3♋31	15♎46	21♓57	20♓13	9♉ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	2n33	13n36	2n 1	7n38	1s 0	12s21	0s22	4n16	0n13	12n 8	0s 5	0n57	1s54	14n 1	0n52	25n14	1n 9	3s 3	3n56	3s 0	3s20	17n 9			n.a.
M 2	2 56	6 55	0 44	7 18	1 15	12 22	0 31	4 32	0 14	12 13	0 5	1 0	1 54	14 2	0 52	25 14	1 9	3 3	3 56	3 0	3 22	17 12			n.a.
T 3	3 19	0s17	0s37	6 56	1 31	12 22	0 40	4 48	0 14	12 17	0 4	1 3	1 54	14 2	0 52	25 14	1 9	3 2	3 56	3 0	3 23	17 15			n.a.
W 4	3 42	7 35	1 57	6 32	1 47	12 20	0 48	5 4	0 15	12 22	0 4	1 7	1 54	14 3	0 52	25 14	1 9	3 2	3 56	3 0	3 24	17 18			n.a.
T 5	4 5	14 30	3 9	6 7	2 2	12 18	0 56	5 20	0 16	12 27	0 4	1 10	1 54	14 3	0 52	25 14	1 9	3 1	3 56	3 1	3 26	17 21			n.a.
F 6	4 28	20 34	4 8	5 42	2 18	12 15	1 4	5 36	0 16	12 31	0 4	1 13	1 54	14 4	0 52	25 14	1 9	3 1	3 55	3 2	3 27	17 23			n.a.
S 7	4 51	25 17	4 50	5 15	2 32	12 12	1 12	5 52	0 17	12 36	0 4	1 16	1 54	14 4	0 52	25 14	1 9	3 0	3 55	3 3	3 28	17 26			n.a.
S 8	5 14	28 16	5 11	4 49	2 46	12 7	1 19	6 8	0 17	12 41	0 4	1 20	1 54	14 5	0 52	25 14	1 9	3 0	3 55	3 4	3 29	17 29			n.a.
M 9	5 37	29 19	5 13	4 22	2 59	12 1	1 26	6 24	0 18	12 45	0 4	1 23	1 54	14 5	0 52	25 14	1 9	2 59	3 55	3 4	3 31	17 32			n.a.
T 10	6 0	28 29	4 57	3 56	3 11	11 55	1 33	6 40	0 18	12 50	0 4	1 26	1 54	14 5	0 52	25 14	1 9	2 59	3 55	3 5	3 32	17 35			n.a.
W11	6 22	26 0	4 25	3 31	3 23	11 48	1 39	6 55	0 19	12 54	0 4	1 29	1 54	14 6	0 52	25 14	1 9	2 58	3 55	3 5	3 33	17 38			n.a.
T 12	6 45	22 12	3 39	3 6	3 32	11 40	1 45	7 11	0 19	12 59	0 3	1 32	1 54	14 6	0 52	25 13	1 9	2 58	3 55	3 4	3 35	17 41			n.a.
F 13	7 7	17 27	2 44	2 44	3 41	11 31	1 51	7 27	0 20	13 4	0 3	1 36	1 54	14 7	0 52	25 13	1 9	2 57	3 55	3 4	3 36	17 44			n.a.
S 14	7 30	12 4	1 42	2 23	3 48	11 22	1 57	7 42	0 20	13 8	0 3	1 39	1 54	14 7	0 52	25 13	1 9	2 57	3 55	3 3	3 37	17 46			n.a.
S 15	7 52	6 19	0 37	2 4	3 54	11 12	2 2	7 58	0 21	13 13	0 3	1 42	1 54	14 7	0 52	25 13	1 9	2 56	3 55	3 3	3 38	17 49			n.a.
M16	8 14	0 25	0n29	1 48	3 58	11 1	2 7	8 13	0 22	13 18	0 3	1 45	1 54	14 8	0 52	25 13	1 9	2 56	3 54	3 2	3 40	17 52			n.a.
T 17	8 36	5n26	1 33	1 34	4 1	10 49	2 12	8 29	0 22	13 22	0 3	1 48	1 54	14 8	0 52	25 13	1 9	2 55	3 54	3 3	3 41	17 55			n.a.
W18	8 58	11 3	2 33	1 24	4 2	10 37	2 17	8 44	0 23	13 27	0 3	1 51	1 54	14 8	0 52	25 13	1 9	2 55	3 54	3 4	3 42	17 58			n.a.
T 19	9 20	16 16	3 26	1 16	4 2	10 24	2 21	8 59	0 23	13 32	0 3	1 54	1 54	14 9	0 52	25 13	1 9	2 54	3 54	3 6	3 44	18 1			n.a.
F 20	9 41	20 52	4 9	1 12	4 0	10 11	2 26	9 14	0 24	13 36	0 2	1 58	1 53	14 9	0 52	25 13	1 9	2 54	3 54	3 8	3 45	18 4			n.a.
S 21	10 3	24 40	4 42	1 11	3 57	9 56	2 29	9 30	0 24	13 41	0 2	2 1	1 53	14 9	0 52	25 13	1 9	2 53	3 54	3 10	3 46	18 6			n.a.
S 22	10 24	27 26	5 3	1 13	3 53	9 42	2 33	9 45	0 25	13 46	0 2	2 4	1 53	14 9	0 52	25 13	1 9	2 53	3 54	3 13	3 47	18 9			n.a.
M23	10 46	28 59	5 11	1 19	3 47	9 26	2 37	10 0	0 25	13 50	0 2	2 7	1 53	14 10	0 52	25 13	1 9	2 52	3 54	3 15	3 49	18 12			n.a.
T 24	11 7	29 9	5 5	1 28	3 41	9 10	2 40	10 15	0 26	13 55	0 2	2 10	1 53	14 10	0 52	25 13	1 9	2 52	3 53	3 16	3 50	18 15			n.a.
W25	11 28	27 52	4 45	1 40	3 33	8 54	2 43	10 30	0 26	13 59	0 2	2 13	1 53	14 10	0 51	25 13	1 9	2 51	3 53	3 17	3 51	18 18			n.a.
T 26	11 48	25 9	4 10	1 55	3 24	8 37	2 46	10 45	0 27	14 4	0 2	2 16	1 53	14 10	0 51	25 13	1 9	2 51	3 53	3 18	3 53	18 20			n.a.
F 27	12 9	21 6	3 22	2 14	3 15	8 19	2 49	10 59	0 27	14 9	0 2	2 19	1 54	14 10	0 51	25 13	1 9	2 51	3 53	3 18	3 54	18 23			n.a.
S 28	12 29	15 52	2 22	2 36	3 4	8 1	2 51	11 14	0 28	14 13	0 2	2 22	1 54	14 11	0 51	25 13	1 9	2 50	3 53	3 17	3 55	18 26			n.a.
S 29	12 50	9 41	1 12	3 1	2 53	7 43	2 53	11 29	0 28	14 18	0 1	2 25	1 54	14 11	0 51	25 13	1 9	2 50	3 53	3 17	3 56	18 29			n.a.
M30	13 10	2 50	0s 5	3 29	2 42	7 24	2 55	11 43	0 29	14 22	0 1	2 28	1 54	14 11	0 51	25 13	1 8	2 49	3 53	3 16	3 58	18 32			n.a.
T 31	13n30	4s22	1s24	4n 0	2s30	7s 4	2s57	11n58	0n29	14n27	0s 1	2n31	1s54	14n11	0n51	25n13	1n 8	2s49	3n52	3s17	3s59	18n34			n.a.

Julian Day Number = 203929.5, Delta T = 32h05m03s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'10, Lahiri = -61°02'09 Julian Calendar 1 May 4155 BCE == Greg. Calendar 29 March 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

JUNE 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 28 24	5♉47'14	22♎38	16♈28	20♓ 9	29♈51	7♉55	10♈35	25°R30	3♋33	15°R45	21°R55	20♓10	9♉10	n.a.	W 1
T 2	14 32 21	6°44'37	7♏53	17°29	21° 3	0♉30	8° 8	10°42	25♌30	3°34	15♎43	21♓50	20° 6	9°16	n.a.	T 2
F 3	14 36 17	7°42'03	23° 9	18°36	21°57	1° 8	8°21	10°49	25°29	3°35	15°42	21°44	20° 3	9°23	n.a.	F 3
S 4	14 40 14	8°39'29	8♐17	19°48	22°52	1°46	8°34	10°57	25°29	3°37	15°41	21°37	20° 0	9°30	n.a.	S 4
S 5	14 44 10	9°36'58	23° 7	21° 5	23°47	2°25	8°48	11° 4	25°29	3°38	15°39	21°30	19°57	9°36	n.a.	S 5
M 6	14 48 7	10°34'28	7♑31	22°28	24°43	3° 3	9° 1	11°11	25°29	3°40	15°38	21°25	19°54	9°43	n.a.	M 6
T 7	14 52 3	11°32'00	21°27	23°55	25°40	3°41	9°14	11°18	25°D29	3°41	15°37	21°21	19°51	9°50	n.a.	T 7
W 8	14 56 0	12°29'33	4♒54	25°28	26°37	4°19	9°28	11°26	25°29	3°43	15°35	21°19	19°47	9°56	n.a.	W 8
T 9	14 59 57	13°27'09	17°55	27° 4	27°34	4°58	9°41	11°33	25°29	3°44	15°34	21°D19	19°44	10° 3	n.a.	T 9
F 10	15 3 53	14°24'46	0♓33	28°45	28°32	5°36	9°54	11°40	25°29	3°46	15°33	21°20	19°41	10°10	n.a.	F 10
S 11	15 7 50	15°22'25	12°53	0♉29	29°30	6°14	10° 7	11°47	25°30	3°48	15°31	21°21	19°38	10°16	n.a.	S 11
S 12	15 11 46	16°20'05	25° 0	2°16	0♈29	6°52	10°21	11°54	25°30	3°49	15°30	21°R21	19°35	10°23	n.a.	S 12
M13	15 15 43	17°17'48	6♈57	4° 7	1°28	7°31	10°34	12° 1	25°30	3°51	15°29	21°20	19°31	10°30	n.a.	M13
T 14	15 19 39	18°15'32	18°48	6° 0	2°28	8° 9	10°47	12° 8	25°31	3°53	15°28	21°16	19°28	10°37	n.a.	T 14
W15	15 23 36	19°13'18	0♉38	7°55	3°28	8°47	11° 0	12°15	25°31	3°54	15°26	21°10	19°25	10°43	n.a.	W15
T 16	15 27 32	20°11'06	12°27	9°52	4°28	9°25	11°14	12°21	25°31	3°56	15°25	21° 1	19°22	10°50	n.a.	T 16
F 17	15 31 29	21° 8'56	24°19	11°50	5°28	10° 4	11°27	12°28	25°32	3°58	15°24	20°51	19°19	10°57	n.a.	F 17
S 18	15 35 26	22° 6'48	6♊14	13°50	6°29	10°42	11°40	12°35	25°32	4° 0	15°23	20°39	19°16	11° 3	n.a.	S 18
S 19	15 39 22	23° 4'41	18°15	15°50	7°31	11°20	11°53	12°42	25°33	4° 1	15°22	20°28	19°12	11°10	n.a.	S 19
M20	15 43 19	24° 2'36	0♋22	17°50	8°32	11°58	12° 6	12°48	25°34	4° 3	15°21	20°17	19° 9	11°17	n.a.	M20
T 21	15 47 15	25° 0'33	12°38	19°51	9°34	12°37	12°19	12°55	25°35	4° 5	15°20	20° 8	19° 6	11°23	n.a.	T 21
W22	15 51 12	25°58'31	25° 5	21°51	10°36	13°15	12°33	13° 1	25°35	4° 7	15°19	20° 2	19° 3	11°30	n.a.	W22
T 23	15 55 8	26°56'31	7♌46	23°51	11°39	13°53	12°46	13° 8	25°36	4° 9	15°18	19°58	19° 0	11°37	n.a.	T 23
F 24	15 59 5	27°54'33	20°43	25°51	12°42	14°31	12°59	13°14	25°37	4°11	15°17	19°56	18°57	11°44	n.a.	F 24
S 25	16 3 2	28°52'36	4♍ 0	27°50	13°45	15° 9	13°12	13°20	25°38	4°12	15°16	19°D56	18°53	11°50	n.a.	S 25
S 26	16 6 58	29°50'41	17°41	29°48	14°48	15°48	13°25	13°27	25°39	4°14	15°15	19°R56	18°50	11°57	n.a.	S 26
M27	16 10 55	0♊48'47	1♎46	1♊45	15°52	16°26	13°38	13°33	25°40	4°16	15°14	19°56	18°47	12° 4	n.a.	M27
T 28	16 14 51	1°46'55	16°16	3°41	16°56	17° 4	13°51	13°39	25°41	4°18	15°13	19°54	18°44	12°10	n.a.	T 28
W29	16 18 48	2°45'05	1♏ 8	5°36	18° 0	17°42	14° 4	13°45	25°42	4°20	15°12	19°49	18°41	12°17	n.a.	W29
T 30	16 22 44	3♊43'17	16♏16	7♊30	19♈ 5	18♉20	14♉17	13♈51	25♌43	4♋22	15♎11	19♓42	18♓37	12♉24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n49	11s29	2s38	4n33	2s17	6s44	2s59	12n12	0n30	14n31	0s 1	2n34	1s54	14n11	0n51	25n12	1n 8	2s48	3n52	3s18	4s 0	18n37		n.a.
T 2	14 9	18 1	3 42	5 9	2 4	6 24	3 1	12 26	0 31	14 36	0 1	2 37	1 54	14 11	0 51	25 12	1 8	2 48	3 52	3 20	4 2	18 40		n.a.
F 3	14 28	23 26	4 30	5 47	1 51	6 3	3 2	12 41	0 31	14 40	0 1	2 40	1 54	14 11	0 51	25 12	1 8	2 48	3 52	3 22	4 3	18 43		n.a.
S 4	14 47	27 14	4 59	6 27	1 38	5 42	3 3	12 55	0 32	14 45	0 1	2 43	1 54	14 11	0 51	25 12	1 8	2 47	3 52	3 25	4 4	18 46		n.a.
S 5	15 6	29 3	5 7	7 10	1 24	5 20	3 4	13 9	0 32	14 49	0 1	2 46	1 54	14 11	0 51	25 12	1 8	2 47	3 52	3 28	4 5	18 48		n.a.
M 6	15 25	28 49	4 56	7 54	1 11	4 58	3 5	13 23	0 33	14 54	0 0	2 49	1 54	14 11	0 51	25 12	1 8	2 46	3 52	3 30	4 7	18 51		n.a.
T 7	15 43	26 44	4 26	8 39	0 57	4 36	3 6	13 37	0 33	14 58	0 0	2 51	1 54	14 11	0 51	25 12	1 8	2 46	3 51	3 31	4 8	18 54		n.a.
W 8	16 1	23 11	3 43	9 26	0 44	4 13	3 6	13 51	0 34	15 3	0 0	2 54	1 54	14 11	0 51	25 12	1 8	2 46	3 51	3 32	4 9	18 57		n.a.
T 9	16 19	18 34	2 50	10 14	0 31	3 50	3 7	14 4	0 34	15 7	0 0	2 57	1 54	14 11	0 51	25 12	1 8	2 45	3 51	3 32	4 10	18 59		n.a.
F 10	16 37	13 17	1 49	11 3	0 18	3 27	3 7	14 18	0 35	15 12	0n 0	3 0	1 54	14 11	0 51	25 12	1 8	2 45	3 51	3 32	4 12	19 2		n.a.
S 11	16 54	7 36	0 45	11 52	0 6	3 3	3 7	14 32	0 35	15 16	0 0	3 3	1 54	14 11	0 51	25 12	1 8	2 45	3 51	3 31	4 13	19 5		n.a.
S 12	17 11	1 45	0n20	12 42	0n 6	2 39	3 7	14 45	0 36	15 20	0 0	3 5	1 54	14 10	0 51	25 12	1 8	2 44	3 51	3 31	4 14	19 8		n.a.
M13	17 28	4n 5	1 23	13 31	0 18	2 15	3 7	14 58	0 36	15 25	0 0	3 8	1 54	14 10	0 51	25 12	1 8	2 44	3 50	3 32	4 16	19 10		n.a.
T 14	17 45	9 44	2 21	14 21	0 29	1 50	3 7	15 12	0 37	15 29	0 0	3 11	1 54	14 10	0 51	25 12	1 8	2 44	3 50	3 33	4 17	19 13		n.a.
W15	18 1	15 2	3 14	15 9	0 39	1 25	3 6	15 25	0 37	15 34	0 1	3 14	1 54	14 10	0 50	25 12	1 8	2 43	3 50	3 36	4 18	19 16		n.a.
T 16	18 17	19 46	3 58	15 57	0 49	1 0	3 6	15 38	0 38	15 38	0 1	3 16	1 54	14 10	0 50	25 12	1 8	2 43	3 50	3 39	4 19	19 18		n.a.
F 17	18 33	23 45	4 31	16 43	0 58	0 35	3 5	15 51	0 38	15 42	0 1	3 19	1 54	14 9	0 50	25 11	1 8	2 43	3 50	3 44	4 21	19 21		n.a.
S 18	18 49	26 46	4 53	17 29	1 6	0 9	3 4	16 4	0 39	15 47	0 1	3 22	1 54	14 9	0 50	25 11	1 8	2 42	3 50	3 48	4 22	19 24		n.a.
S 19	19 4	28 36	5 2	18 12	1 13	0n16	3 3	16 17	0 39	15 51	0 1	3 24	1 54	14 9	0 50	25 11	1 8	2 42	3 49	3 53	4 23	19 26		n.a.
M20	19 19	29 5	4 58	18 54	1 20	0 42	3 2	16 29	0 40	15 55	0 1	3 27	1 54	14 9	0 50	25 11	1 8	2 42	3 49	3 57	4 25	19 29		n.a.
T 21	19 33	28 8	4 40	19 34	1 26	1 8	3 1	16 42	0 40	15 59	0 1	3 29	1 55	14 8	0 50	25 11	1 8	2 42	3 49	4 1	4 26	19 32		n.a.
W22	19 47	25 47	4 8	20 12	1 31	1 34	3 0	16 54	0 41	16 4	0 1	3 32	1 55	14 8	0 50	25 11	1 8	2 41	3 49	4 3	4 27	19 35		n.a.
T 23	20 1	22 8	3 24	20 49	1 36	2 1	2 58	17 6	0 41	16 8	0 2	3 34	1 55	14 8	0 50	25 11	1 8	2 41	3 49	4 5	4 28	19 37		n.a.
F 24	20 15	17 20	2 29	21 22	1 40	2 27	2 57	17 19	0 42	16 12	0 2	3 37	1 55	14 7	0 50	25 11	1 8	2 41	3 49	4 6	4 30	19 40		n.a.
S 25	20 28	11 36	1 24	21 54	1 43	2 54	2 55	17 31	0 42	16 16	0 2	3 39	1 55	14 7	0 50	25 11	1 8	2 41	3 48	4 6	4 31	19 43		n.a.
S 26	20 41	5 11	0 12	22 23	1 45	3 20	2 53	17 43	0 43	16 20	0 2	3 42	1 55	14 7	0 50	25 11	1 8	2 40	3 48	4 6	4 32	19 45		n.a.
M27	20 54	1s40	1s 2	22 51	1 47	3 47	2 52	17 54	0 43	16 24	0 2	3 44	1 55	14 6	0 50	25 11	1 8	2 40	3 48	4 6	4 34	19 48		n.a.
T 28	21 6	8 38	2 15	23 16	1 49	4 14	2 50	18 6	0 44	16 28	0 2	3 46	1 55	14 6	0 50	25 11	1 8	2 40	3 48	4 7	4 35	19 51		n.a.
W29	21 18	15 18	3 20	23 38	1 49	4 41	2 48	18 18	0 44	16 33	0 2	3 49	1 55	14 5	0 50	25 11	1 8	2 40	3 48	4 9	4 36	19 53		n.a.
T 30	21n29	21s10	4s12	23n59	1n49	5n 8	2s46	18n29	0n45	16n37	0n 2	3n51	1s55	14n 5	0n50	25n11	1n 8	2s40	3n47	4s12	4s37	19n56		n.a.

Julian Day Number = 203960.5, Delta T = 32h05m00s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'06, Lahiri = -61°02'05 Julian Calendar 1 June 4155 BCE == Greg. Calendar 29 Apr. 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

JULY 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 26 41	4♊41'31	1♐29	9♊23	20♈ 9	18♉59	14♉29	13♈57	25♌45	4♋24	15°R10	19°R32	18♓34	12♉30	n.a.	F 1
S 2	16 30 37	5°39'47	16°39	11°15	21°14	19°37	14°42	14° 3	25°46	4°26	15♎ 9	19♓21	18°31	12°37	n.a.	S 2
S 3	16 34 34	6°38'05	1♑33	13° 5	22°19	20°15	14°55	14° 9	25°47	4°28	15° 8	19°11	18°28	12°44	n.a.	S 3
M 4	16 38 31	7°36'25	16° 5	14°55	23°25	20°53	15° 8	14°15	25°49	4°30	15° 8	19° 2	18°25	12°50	n.a.	M 4
T 5	16 42 27	8°34'48	0♒ 8	16°43	24°31	21°31	15°21	14°20	25°50	4°32	15° 7	18°55	18°22	12°57	n.a.	T 5
W 6	16 46 24	9°33'12	13°41	18°30	25°37	22°10	15°33	14°26	25°52	4°34	15° 6	18°50	18°18	13° 4	n.a.	W 6
T 7	16 50 20	10°31'40	26°46	20°16	26°43	22°48	15°46	14°32	25°53	4°36	15° 5	18°48	18°15	13°11	n.a.	T 7
F 8	16 54 17	11°30'09	9♓25	22° 1	27°49	23°26	15°58	14°37	25°55	4°39	15° 5	18°48	18°12	13°17	n.a.	F 8
S 9	16 58 13	12°28'41	21°44	23°44	28°56	24° 4	16°11	14°43	25°56	4°41	15° 4	18°48	18° 9	13°24	n.a.	S 9
S 10	17 2 10	13°27'15	3♈49	25°27	0♉ 2	24°42	16°24	14°48	25°58	4°43	15° 4	18°47	18° 6	13°31	n.a.	S 10
M11	17 6 6	14°25'52	15°44	27° 8	1° 9	25°21	16°36	14°53	26° 0	4°45	15° 3	18°45	18° 3	13°37	n.a.	M11
T 12	17 10 3	15°24'31	27°33	28°48	2°17	25°59	16°49	14°58	26° 1	4°47	15° 2	18°40	17°59	13°44	n.a.	T 12
W13	17 13 59	16°23'13	9♉22	0♋28	3°24	26°37	17° 1	15° 3	26° 3	4°49	15° 2	18°32	17°56	13°51	n.a.	W13
T 14	17 17 56	17°21'57	21°13	2° 6	4°32	27°15	17°13	15° 9	26° 5	4°51	15° 1	18°22	17°53	13°57	n.a.	T 14
F 15	17 21 53	18°20'43	3♊10	3°43	5°39	27°54	17°26	15°13	26° 7	4°53	15° 1	18° 9	17°50	14° 4	n.a.	F 15
S 16	17 25 49	19°19'32	15°13	5°19	6°47	28°32	17°38	15°18	26° 9	4°56	15° 0	17°55	17°47	14°11	n.a.	S 16
S 17	17 29 46	20°18'23	27°24	6°54	7°55	29°10	17°50	15°23	26°11	4°58	15° 0	17°41	17°43	14°18	n.a.	S 17
M18	17 33 42	21°17'16	9♋43	8°28	9° 4	29°48	18° 2	15°28	26°13	5° 0	15° 0	17°28	17°40	14°24	n.a.	M18
T 19	17 37 39	22°16'12	22°12	10° 1	10°12	0♊26	18°14	15°32	26°15	5° 2	14°59	17°17	17°37	14°31	n.a.	T 19
W20	17 41 35	23°15'09	4♌51	11°32	11°21	1° 5	18°26	15°37	26°17	5° 4	14°59	17° 8	17°34	14°38	n.a.	W20
T 21	17 45 32	24°14'09	17°41	13° 3	12°29	1°43	18°38	15°41	26°19	5° 7	14°59	17° 3	17°31	14°44	n.a.	T 21
F 22	17 49 28	25°13'11	0♍45	14°33	13°38	2°21	18°50	15°46	26°22	5° 9	14°58	17° 0	17°28	14°51	n.a.	F 22
S 23	17 53 25	26°12'14	14° 3	16° 2	14°47	2°59	19° 2	15°50	26°24	5°11	14°58	16°D59	17°24	14°58	n.a.	S 23
S 24	17 57 21	27°11'20	27°39	17°30	15°57	3°38	19°14	15°54	26°26	5°13	14°58	16°R59	17°21	15° 5	n.a.	S 24
M25	18 1 18	28°10'27	11♎34	18°56	17° 6	4°16	19°25	15°58	26°29	5°15	14°58	16°59	17°18	15°11	n.a.	M25
T 26	18 5 14	29° 9'37	25°49	20°22	18°16	4°54	19°37	16° 2	26°31	5°18	14°57	16°57	17°15	15°18	n.a.	T 26
W27	18 9 11	0♋ 8'48	10♏22	21°46	19°25	5°32	19°49	16° 6	26°33	5°20	14°57	16°52	17°12	15°25	n.a.	W27
T 28	18 13 8	1° 8'02	25° 9	23°10	20°35	6°10	20° 0	16°10	26°36	5°22	14°57	16°45	17° 8	15°31	n.a.	T 28
F 29	18 17 4	2° 7'18	10♐ 4	24°32	21°45	6°49	20°12	16°14	26°38	5°24	14°57	16°35	17° 5	15°38	n.a.	F 29
S 30	18 21 1	3° 6'36	24°59	25°53	22°55	7°27	20°23	16°17	26°41	5°27	14°D57	16°24	17° 2	15°45	n.a.	S 30
S 31	18 24 57	4♋ 5'56	9♑43	27♋13	24♉ 6	8♊ 5	20♉34	16♈21	26♌44	5♋29	14♎57	16♓14	16♓59	15♉51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n40	25 s42	4 s46	24n17	1n49	5n35	2 s43	18n41	0n45	16n41	0n 2	3n53	1 s55	14n 4	0n50	25n10	1n 8	2 s40	3n47	4 s15	4 s39	19n58		n.a.
S 2	21 51	28 24	5 1	24 33	1 48	6 2	2 41	18 52	0 46	16 45	0 3	3 56	1 55	14 4	0 50	25 10	1 8	2 39	3 47	4 20	4 40	20 1		n.a.
S 3	22 2	29 0	4 54	24 47	1 47	6 29	2 39	19 3	0 46	16 49	0 3	3 58	1 56	14 3	0 50	25 10	1 8	2 39	3 47	4 24	4 41	20 4		n.a.
M 4	22 12	27 33	4 28	24 58	1 45	6 56	2 36	19 14	0 47	16 53	0 3	4 0	1 56	14 3	0 50	25 10	1 8	2 39	3 47	4 28	4 42	20 6		n.a.
T 5	22 21	24 23	3 47	25 8	1 43	7 23	2 34	19 25	0 47	16 57	0 3	4 2	1 56	14 2	0 50	25 10	1 8	2 39	3 46	4 30	4 44	20 9		n.a.
W 6	22 30	19 57	2 54	25 16	1 40	7 50	2 31	19 35	0 48	17 0	0 3	4 4	1 56	14 2	0 49	25 10	1 8	2 39	3 46	4 32	4 45	20 12		n.a.
T 7	22 39	14 43	1 54	25 21	1 37	8 17	2 29	19 46	0 48	17 4	0 3	4 7	1 56	14 1	0 49	25 10	1 8	2 39	3 46	4 33	4 46	20 14		n.a.
F 8	22 48	9 1	0 49	25 25	1 33	8 44	2 26	19 56	0 49	17 8	0 3	4 9	1 56	14 1	0 49	25 10	1 8	2 39	3 46	4 33	4 48	20 17		n.a.
S 9	22 56	3 8	0n16	25 27	1 29	9 11	2 23	20 7	0 49	17 12	0 3	4 11	1 56	14 0	0 49	25 10	1 8	2 39	3 46	4 33	4 49	20 19		n.a.
S 10	23 3	2n45	1 19	25 27	1 25	9 37	2 20	20 17	0 50	17 16	0 4	4 13	1 56	13 59	0 49	25 10	1 8	2 39	3 45	4 33	4 50	20 22		n.a.
M11	23 11	8 27	2 17	25 26	1 21	10 4	2 17	20 27	0 50	17 20	0 4	4 15	1 56	13 59	0 49	25 10	1 8	2 39	3 45	4 34	4 51	20 25		n.a.
T 12	23 17	13 49	3 9	25 23	1 16	10 31	2 14	20 37	0 51	17 23	0 4	4 17	1 57	13 58	0 49	25 10	1 8	2 39	3 45	4 36	4 53	20 27		n.a.
W13	23 24	18 41	3 53	25 18	1 11	10 57	2 11	20 47	0 51	17 27	0 4	4 19	1 57	13 57	0 49	25 9	1 8	2 39	3 45	4 39	4 54	20 30		n.a.
T 14	23 30	22 51	4 27	25 11	1 5	11 23	2 8	20 56	0 52	17 31	0 4	4 20	1 57	13 57	0 49	25 9	1 8	2 39	3 45	4 44	4 55	20 32		n.a.
F 15	23 35	26 6	4 49	25 4	1 0	11 49	2 5	21 6	0 52	17 35	0 4	4 22	1 57	13 56	0 49	25 9	1 8	2 39	3 44	4 49	4 56	20 35		n.a.
S 16	23 40	28 13	4 59	24 54	0 54	12 15	2 2	21 15	0 53	17 38	0 4	4 24	1 57	13 55	0 49	25 9	1 8	2 39	3 44	4 54	4 58	20 37		n.a.
S 17	23 45	29 0	4 55	24 44	0 48	12 41	1 59	21 24	0 53	17 42	0 4	4 26	1 57	13 55	0 49	25 9	1 8	2 39	3 44	5 0	4 59	20 40		n.a.
M18	23 49	28 21	4 37	24 32	0 42	13 6	1 55	21 33	0 54	17 46	0 5	4 28	1 57	13 54	0 49	25 9	1 8	2 39	3 44	5 5	5 0	20 43		n.a.
T 19	23 53	26 16	4 6	24 19	0 35	13 31	1 52	21 42	0 54	17 49	0 5	4 29	1 57	13 53	0 49	25 9	1 8	2 39	3 44	5 10	5 2	20 45		n.a.
W20	23 56	22 52	3 23	24 4	0 28	13 57	1 49	21 51	0 55	17 53	0 5	4 31	1 57	13 52	0 49	25 9	1 8	2 39	3 43	5 13	5 3	20 48		n.a.
T 21	23 59	18 18	2 28	23 49	0 22	14 21	1 45	21 59	0 55	17 56	0 5	4 33	1 58	13 51	0 49	25 9	1 8	2 39	3 43	5 15	5 4	20 50		n.a.
F 22	24 1	12 50	1 25	23 32	0 15	14 46	1 42	22 7	0 55	18 0	0 5	4 34	1 58	13 51	0 49	25 9	1 8	2 39	3 43	5 16	5 5	20 53		n.a.
S 23	24 3	6 41	0 16	23 15	0 7	15 10	1 38	22 16	0 56	18 3	0 5	4 36	1 58	13 50	0 49	25 9	1 8	2 39	3 43	5 17	5 7	20 55		n.a.
S 24	24 5	0 6	0 s56	22 56	0 0	15 34	1 35	22 24	0 56	18 7	0 5	4 37	1 58	13 49	0 49	25 9	1 8	2 39	3 42	5 17	5 8	20 58		n.a.
M25	24 6	6 s37	2 6	22 37	0 s 7	15 58	1 31	22 32	0 57	18 10	0 5	4 39	1 58	13 48	0 49	25 8	1 8	2 39	3 42	5 17	5 9	21 0		n.a.
T 26	24 7	13 11	3 10	22 17	0 15	16 21	1 28	22 39	0 57	18 13	0 6	4 40	1 58	13 47	0 49	25 8	1 8	2 39	3 42	5 18	5 10	21 3		n.a.
W27	24 7	19 10	4 3	21 56	0 22	16 44	1 24	22 47	0 58	18 17	0 6	4 42	1 58	13 46	0 49	25 8	1 8	2 39	3 42	5 20	5 12	21 5		n.a.
T 28	24 6	24 7	4 40	21 34	0 30	17 6	1 21	22 54	0 58	18 20	0 6	4 43	1 59	13 45	0 49	25 8	1 8	2 40	3 42	5 22	5 13	21 8		n.a.
F 29	24 6	27 31	4 59	21 12	0 38	17 29	1 17	23 2	0 59	18 23	0 6	4 44	1 59	13 44	0 49	25 8	1 8	2 40	3 41	5 26	5 14	21 10		n.a.
S 30	24 4	28 58	4 58	20 49	0 46	17 50	1 13	23 9	0 59	18 27	0 6	4 46	1 59	13 44	0 48	25 8	1 8	2 40	3 41	5 31	5 16	21 13		n.a.
S 31	24n 3	28 s20	4 s36	20n26	0 s54	18n12	1 s10	23n15	1n 0	18n30	0n 6	4n47	1 s59	13n43	0n48	25n 8	1n 8	2 s40	3n41	5 s35	5 s17	21n15		n.a.

Julian Day Number = 203990.5, Delta T = 32h04m57s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°09'02, Lahiri = -61°02'01 Julian Calendar 1 July 4155 BCE == Greg. Calendar 29 May 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

AUGUST 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 28 54	5♋ 5'18	24♑ 9	28♋31	25♉16	8♊43	20♉46	16♈24	26♌46	5♋31	14♎57	16°R 4	16♓56	15♉58	n.a.	M 1
T 2	18 32 50	6° 4'43	8♒12	29°48	26°27	9°22	20°57	16°28	26°49	5°33	14°57	15♓56	16°53	16° 5	n.a.	T 2
W 3	18 36 47	7° 4'11	21°47	1♌ 4	27°37	10° 0	21° 8	16°31	26°52	5°36	14°57	15°52	16°49	16°12	n.a.	W 3
T 4	18 40 43	8° 3'41	4♓55	2°18	28°48	10°38	21°19	16°34	26°54	5°38	14°57	15°49	16°46	16°18	n.a.	T 4
F 5	18 44 40	9° 3'13	17°38	3°31	29°59	11°16	21°30	16°37	26°57	5°40	14°58	15°D49	16°43	16°25	n.a.	F 5
S 6	18 48 36	10° 2'48	0♈ 0	4°42	1♊10	11°55	21°40	16°40	27° 0	5°42	14°58	15°49	16°40	16°32	n.a.	S 6
S 7	18 52 33	11° 2'25	12° 6	5°51	2°21	12°33	21°51	16°43	27° 3	5°45	14°58	15°R50	16°37	16°38	n.a.	S 7
M 8	18 56 29	12° 2'05	24° 2	6°58	3°33	13°11	22° 2	16°46	27° 6	5°47	14°58	15°49	16°34	16°45	n.a.	M 8
T 9	19 0 26	13° 1'47	5♉53	8° 3	4°44	13°50	22°12	16°48	27° 9	5°49	14°59	15°46	16°30	16°52	n.a.	T 9
W10	19 4 22	14° 1'32	17°43	9° 5	5°56	14°28	22°23	16°51	27°11	5°51	14°59	15°41	16°27	16°59	n.a.	W10
T 11	19 8 19	15° 1'20	29°37	10° 5	7° 7	15° 6	22°33	16°53	27°14	5°54	14°59	15°33	16°24	17° 5	n.a.	T 11
F 12	19 12 16	16° 1'10	11♊39	11° 2	8°19	15°44	22°43	16°56	27°17	5°56	15° 0	15°23	16°21	17°12	n.a.	F 12
S 13	19 16 12	17° 1'02	23°50	11°57	9°31	16°23	22°54	16°58	27°21	5°58	15° 0	15°12	16°18	17°19	n.a.	S 13
S 14	19 20 9	18° 0'57	6♋13	12°47	10°43	17° 1	23° 4	17° 0	27°24	6° 0	15° 0	15° 1	16°14	17°25	n.a.	S 14
M15	19 24 5	19° 0'53	18°47	13°34	11°55	17°39	23°14	17° 2	27°27	6° 2	15° 1	14°51	16°11	17°32	n.a.	M15
T 16	19 28 2	20° 0'53	1♌34	14°17	13° 7	18°18	23°24	17° 4	27°30	6° 5	15° 1	14°42	16° 8	17°39	n.a.	T 16
W17	19 31 58	21° 0'54	14°32	14°56	14°20	18°56	23°33	17° 6	27°33	6° 7	15° 2	14°36	16° 5	17°45	n.a.	W17
T 18	19 35 55	22° 0'57	27°42	15°29	15°32	19°34	23°43	17° 7	27°36	6° 9	15° 2	14°32	16° 2	17°52	n.a.	T 18
F 19	19 39 51	23° 1'02	11♍ 3	15°58	16°44	20°13	23°53	17° 9	27°39	6°11	15° 3	14°D30	15°59	17°59	n.a.	F 19
S 20	19 43 48	24° 1'09	24°34	16°20	17°57	20°51	24° 2	17°10	27°43	6°13	15° 4	14°31	15°55	18° 6	n.a.	S 20
S 21	19 47 44	25° 1'18	8♎17	16°36	19°10	21°29	24°11	17°11	27°46	6°15	15° 4	14°32	15°52	18°12	n.a.	S 21
M22	19 51 41	26° 1'28	22°12	16°44	20°23	22° 8	24°21	17°13	27°49	6°18	15° 5	14°R33	15°49	18°19	n.a.	M22
T 23	19 55 37	27° 1'41	6♏18	16°R45	21°35	22°46	24°30	17°14	27°53	6°20	15° 6	14°32	15°46	18°26	n.a.	T 23
W24	19 59 34	28° 1'55	20°34	16°38	22°48	23°24	24°39	17°15	27°56	6°22	15° 7	14°30	15°43	18°32	n.a.	W24
T 25	20 3 30	29° 2'11	4♐59	16°22	24° 1	24° 3	24°48	17°16	27°59	6°24	15° 7	14°26	15°40	18°39	n.a.	T 25
F 26	20 7 27	0♑ 2'29	19°27	15°57	25°15	24°41	24°56	17°16	28° 3	6°26	15° 8	14°20	15°36	18°46	n.a.	F 26
S 27	20 11 24	1° 2'49	3♑55	15°23	26°28	25°19	25° 5	17°17	28° 6	6°28	15° 9	14°13	15°33	18°53	n.a.	S 27
S 28	20 15 20	2° 3'11	18°14	14°39	27°41	25°58	25°14	17°18	28°10	6°30	15°10	14° 6	15°30	18°59	n.a.	S 28
M29	20 19 17	3° 3'34	2♒21	13°47	28°54	26°36	25°22	17°18	28°13	6°32	15°11	14° 0	15°27	19° 6	n.a.	M29
T 30	20 23 13	4° 4'00	16° 9	12°46	0♋ 8	27°14	25°30	17°18	28°16	6°34	15°12	13°55	15°24	19°13	n.a.	T 30
W31	20 27 10	5♑ 4'27	29♒37	11♌38	1♋21	27♊53	25♉38	17♈19	28♌20	6♋36	15♎13	13♓52	15♓20	19♉19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	24n 1	25s47	3s58	20n 2	1s 2	18n33	1s 6	23n22	1n 0	18n33	0n 6	4n48	1s59	13n42	0n48	25n 8	1n 8	2s40	3n41	5s39	5s18	21n18			n.a.
T 2	23 58	21 42	3 5	19 38	1 10	18 54	1 3	23 29	1 1	18 36	0 7	4 49	1 59	13 41	0 48	25 8	1 8	2 41	3 41	5 42	5 19	21 20			n.a.
W 3	23 55	16 35	2 4	19 14	1 18	19 14	0 59	23 35	1 1	18 39	0 7	4 50	1 59	13 40	0 48	25 8	1 8	2 41	3 40	5 44	5 21	21 23			n.a.
T 4	23 52	10 52	0 58	18 49	1 26	19 33	0 55	23 41	1 2	18 42	0 7	4 52	2 0	13 39	0 48	25 8	1 8	2 41	3 40	5 45	5 22	21 25			n.a.
F 5	23 48	4 52	0n10	18 24	1 34	19 53	0 52	23 47	1 2	18 45	0 7	4 53	2 0	13 38	0 48	25 8	1 8	2 41	3 40	5 45	5 23	21 27			n.a.
S 6	23 43	1n 8	1 15	17 59	1 41	20 11	0 48	23 53	1 3	18 49	0 7	4 54	2 0	13 37	0 48	25 7	1 8	2 42	3 40	5 45	5 24	21 30			n.a.
S 7	23 38	6 59	2 15	17 35	1 49	20 30	0 44	23 59	1 3	18 52	0 7	4 55	2 0	13 36	0 48	25 7	1 8	2 42	3 39	5 45	5 26	21 32			n.a.
M 8	23 33	12 29	3 9	17 10	1 57	20 47	0 41	24 4	1 4	18 54	0 7	4 56	2 0	13 35	0 48	25 7	1 8	2 42	3 39	5 45	5 27	21 35			n.a.
T 9	23 27	17 31	3 54	16 46	2 5	21 5	0 37	24 10	1 4	18 57	0 7	4 56	2 0	13 34	0 48	25 7	1 8	2 43	3 39	5 46	5 28	21 37			n.a.
W10	23 21	21 53	4 29	16 22	2 12	21 21	0 34	24 15	1 4	19 0	0 8	4 57	2 1	13 32	0 48	25 7	1 8	2 43	3 39	5 48	5 30	21 40			n.a.
T 11	23 14	25 23	4 52	15 59	2 20	21 37	0 30	24 20	1 5	19 3	0 8	4 58	2 1	13 31	0 48	25 7	1 8	2 43	3 39	5 51	5 31	21 42			n.a.
F 12	23 7	27 49	5 3	15 36	2 27	21 53	0 26	24 25	1 5	19 6	0 8	4 59	2 1	13 30	0 48	25 7	1 8	2 44	3 38	5 55	5 32	21 44			n.a.
S 13	23 0	28 58	5 0	15 14	2 34	22 8	0 23	24 29	1 6	19 9	0 8	5 0	2 1	13 29	0 48	25 7	1 8	2 44	3 38	5 59	5 33	21 47			n.a.
S 14	22 52	28 41	4 43	14 54	2 40	22 22	0 19	24 34	1 6	19 12	0 8	5 0	2 1	13 28	0 48	25 7	1 8	2 44	3 38	6 4	5 35	21 49			n.a.
M15	22 43	26 55	4 13	14 34	2 46	22 36	0 16	24 38	1 7	19 14	0 8	5 1	2 1	13 27	0 48	25 7	1 8	2 45	3 38	6 8	5 36	21 52			n.a.
T 16	22 34	23 46	3 29	14 16	2 52	22 49	0 12	24 42	1 7	19 17	0 8	5 1	2 1	13 26	0 48	25 7	1 8	2 45	3 37	6 11	5 37	21 54			n.a.
W17	22 25	19 22	2 33	13 59	2 58	23 1	0 9	24 46	1 8	19 20	0 9	5 2	2 2	13 25	0 48	25 7	1 8	2 45	3 37	6 14	5 38	21 56			n.a.
T 18	22 15	14 0	1 29	13 45	3 2	23 13	0 6	24 50	1 8	19 22	0 9	5 2	2 2	13 23	0 48	25 6	1 8	2 46	3 37	6 15	5 40	21 59			n.a.
F 19	22 5	7 55	0 19	13 32	3 6	23 24	0 2	24 53	1 9	19 25	0 9	5 3	2 2	13 22	0 48	25 6	1 8	2 46	3 37	6 16	5 41	22 1			n.a.
S 20	21 55	1 24	0s54	13 22	3 10	23 34	0n 1	24 56	1 9	19 27	0 9	5 3	2 2	13 21	0 48	25 6	1 8	2 47	3 37	6 16	5 42	22 4			n.a.
S 21	21 44	5s16	2 4	13 15	3 12	23 44	0 5	24 59	1 10	19 30	0 9	5 4	2 2	13 20	0 48	25 6	1 9	2 47	3 36	6 15	5 43	22 6			n.a.
M22	21 32	11 47	3 9	13 11	3 14	23 53	0 8	25 2	1 10	19 32	0 9	5 4	2 2	13 19	0 48	25 6	1 9	2 48	3 36	6 15	5 45	22 8			n.a.
T 23	21 20	17 48	4 2	13 10	3 14	24 1	0 11	25 5	1 11	19 35	0 10	5 4	2 3	13 18	0 48	25 6	1 9	2 48	3 36	6 15	5 46	22 11			n.a.
W24	21 8	22 55	4 42	13 13	3 14	24 9	0 14	25 8	1 11	19 37	0 10	5 5	2 3	13 16	0 48	25 6	1 9	2 49	3 36	6 16	5 47	22 13			n.a.
T 25	20 56	26 42	5 4	13 20	3 11	24 16	0 17	25 10	1 11	19 40	0 10	5 5	2 3	13 15	0 48	25 6	1 9	2 49	3 36	6 18	5 49	22 15			n.a.
F 26	20 43	28 47	5 7	13 32	3 7	24 22	0 21	25 12	1 12	19 42	0 10	5 5	2 3	13 14	0 48	25 6	1 9	2 50	3 35	6 20	5 50	22 18			n.a.
S 27	20 29	28 53	4 50	13 47	3 2	24 28	0 24	25 14	1 12	19 44	0 10	5 5	2 3	13 13	0 48	25 6	1 9	2 50	3 35	6 23	5 51	22 20			n.a.
S 28	20 15	27 3	4 16	14 7	2 54	24 32	0 27	25 16	1 13	19 47	0 10	5 5	2 3	13 11	0 48	25 6	1 9	2 51	3 35	6 26	5 52	22 22			n.a.
M29	20 1	23 31	3 26	14 32	2 45	24 36	0 30	25 18	1 13	19 49	0 10	5 5	2 4	13 10	0 48	25 6	1 9	2 51	3 35	6 28	5 54	22 25			n.a.
T 30	19 47	18 44	2 24	15 1	2 33	24 40	0 33	25 19	1 14	19 51	0 11	5 5	2 4	13 9	0 48	25 6	1 9	2 52	3 35	6 30	5 55	22 27			n.a.
W31	19n32	13s 7	1s17	15n33	2s20	24n42	0n35	25n20	1n14	19n53	0n11	5n 5	2s 4	13n 8	0n48	25n 5	1n 9	2s52	3n34	6s31	5s56	22n29			n.a.

Julian Day Number = 204021.5, Delta T = 32h04m53s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'57, Lahiri = -61°01'57 Julian Calendar 1 Aug. 4155 BCE == Greg. Calendar 29 June 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

SEPTEMBER 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 31 6	6♌ 4'56	12♓41	10°R24	2♋35	28♊31	25♉46	17°R19	28♌23	6♋38	15♎14	13°D51	15♓17	19♉26	n.a.	T 1
F 2	20 35 3	7° 5'27	25°25	9♌ 7	3°49	29° 9	25°54	17♈19	28°27	6°40	15°15	13♓52	15°14	19°33	n.a.	F 2
S 3	20 38 59	8° 6'01	7♈49	7°48	5° 3	29°48	26° 2	17°18	28°31	6°42	15°16	13°53	15°11	19°40	n.a.	S 3
S 4	20 42 56	9° 6'36	19°58	6°30	6°16	0♋26	26°10	17°18	28°34	6°44	15°17	13°55	15° 8	19°46	n.a.	S 4
M 5	20 46 52	10° 7'14	1♉56	5°16	7°30	1° 4	26°17	17°18	28°38	6°46	15°18	13°56	15° 5	19°53	n.a.	M 5
T 6	20 50 49	11° 7'53	13°49	4° 7	8°44	1°43	26°24	17°17	28°41	6°48	15°19	13°R57	15° 1	20° 0	n.a.	T 6
W 7	20 54 45	12° 8'35	25°40	3° 7	9°58	2°21	26°32	17°17	28°45	6°50	15°20	13°56	14°58	20° 6	n.a.	W 7
T 8	20 58 42	13° 9'19	7♊36	2°16	11°12	2°59	26°39	17°16	28°49	6°52	15°21	13°53	14°55	20°13	n.a.	T 8
F 9	21 2 39	14°10'04	19°40	1°36	12°27	3°38	26°46	17°15	28°52	6°54	15°22	13°49	14°52	20°20	n.a.	F 9
S 10	21 6 35	15°10'52	1♋56	1° 8	13°41	4°16	26°52	17°14	28°56	6°56	15°24	13°45	14°49	20°27	n.a.	S 10
S 11	21 10 32	16°11'41	14°27	0°51	14°55	4°55	26°59	17°13	28°59	6°58	15°25	13°40	14°46	20°33	n.a.	S 11
M12	21 14 28	17°12'33	27°14	0°D46	16°10	5°33	27° 5	17°12	29° 3	7° 0	15°26	13°35	14°42	20°40	n.a.	M12
T 13	21 18 25	18°13'25	10♌18	0°52	17°24	6°11	27°12	17°11	29° 7	7° 1	15°28	13°31	14°39	20°47	n.a.	T 13
W14	21 22 21	19°14'20	23°38	1° 8	18°38	6°50	27°18	17° 9	29°11	7° 3	15°29	13°29	14°36	20°53	n.a.	W14
T 15	21 26 18	20°15'16	7♍13	1°35	19°53	7°28	27°24	17° 8	29°14	7° 5	15°30	13°D28	14°33	21° 0	n.a.	T 15
F 16	21 30 14	21°16'13	21° 0	2°10	21° 7	8° 7	27°30	17° 6	29°18	7° 7	15°32	13°28	14°30	21° 7	n.a.	F 16
S 17	21 34 11	22°17'11	4♎57	2°53	22°22	8°45	27°35	17° 4	29°22	7° 8	15°33	13°29	14°26	21°14	n.a.	S 17
S 18	21 38 7	23°18'11	19° 1	3°43	23°37	9°23	27°41	17° 2	29°25	7°10	15°34	13°30	14°23	21°20	n.a.	S 18
M19	21 42 4	24°19'12	3♏ 9	4°39	24°51	10° 2	27°46	17° 1	29°29	7°12	15°36	13°31	14°20	21°27	n.a.	M19
T 20	21 46 1	25°20'14	17°19	5°41	26° 6	10°40	27°51	16°58	29°33	7°13	15°37	13°32	14°17	21°34	n.a.	T 20
W21	21 49 57	26°21'17	1♐30	6°47	27°21	11°19	27°56	16°56	29°37	7°15	15°39	13°R32	14°14	21°40	n.a.	W21
T 22	21 53 54	27°22'21	15°39	7°58	28°36	11°57	28° 1	16°54	29°40	7°17	15°40	13°32	14°11	21°47	n.a.	T 22
F 23	21 57 50	28°23'26	29°44	9°11	29°51	12°35	28° 6	16°52	29°44	7°18	15°42	13°30	14° 7	21°54	n.a.	F 23
S 24	22 1 47	29°24'32	13♑43	10°28	1♌ 5	13°14	28°10	16°49	29°48	7°20	15°44	13°28	14° 4	22° 1	n.a.	S 24
S 25	22 5 43	0♍25'39	27°33	11°48	2°20	13°52	28°15	16°47	29°51	7°21	15°45	13°26	14° 1	22° 7	n.a.	S 25
M26	22 9 40	1°26'47	11♒11	13°10	3°35	14°30	28°19	16°44	29°55	7°23	15°47	13°25	13°58	22°14	n.a.	M26
T 27	22 13 36	2°27'56	24°35	14°33	4°50	15° 9	28°23	16°41	29°59	7°24	15°48	13°24	13°55	22°21	n.a.	T 27
W28	22 17 33	3°29'05	7♓44	15°58	6° 5	15°47	28°27	16°38	0♍ 3	7°26	15°50	13°D23	13°52	22°27	n.a.	W28
T 29	22 21 30	4°30'16	20°37	17°25	7°20	16°26	28°30	16°35	0° 6	7°27	15°52	13°23	13°48	22°34	n.a.	T 29
F 30	22 25 26	5♍31'28	3♈13	18♌52	8♌35	17♋ 4	28♉34	16♈32	0♍10	7♋28	15♎53	13♓24	13♓45	22♉41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n17	7s 5	0s 6	16n 8	2s 4	24n44	0n38	25n21	1n15	19n55	0n11	5n 5	2s 4	13n 6	0n48	25n 5	1n 9	2s53	3n34	6s31	5s57	22n32		n.a.
F 2	19 1	0 55	1n 3	16 46	1 47	24 45	0 41	25 22	1 15	19 57	0 11	5 5	2 4	13 5	0 48	25 5	1 9	2 53	3 34	6 31	5 59	22 34		n.a.
S 3	18 45	5n 7	2 7	17 25	1 29	24 45	0 44	25 23	1 16	19 59	0 11	5 5	2 4	13 4	0 48	25 5	1 9	2 54	3 34	6 31	6 0	22 36		n.a.
S 4	18 29	10 51	3 4	18 4	1 9	24 44	0 46	25 23	1 16	20 1	0 11	5 4	2 4	13 3	0 48	25 5	1 9	2 55	3 34	6 30	6 1	22 38		n.a.
M 5	18 12	16 6	3 52	18 42	0 49	24 43	0 49	25 23	1 17	20 3	0 12	5 4	2 5	13 1	0 48	25 5	1 9	2 55	3 33	6 29	6 2	22 41		n.a.
T 6	17 55	20 43	4 30	19 19	0 28	24 41	0 52	25 23	1 17	20 5	0 12	5 4	2 5	13 0	0 47	25 5	1 9	2 56	3 33	6 29	6 4	22 43		n.a.
W 7	17 38	24 30	4 57	19 53	0 8	24 38	0 54	25 23	1 17	20 7	0 12	5 3	2 5	12 59	0 47	25 5	1 9	2 57	3 33	6 30	6 5	22 45		n.a.
T 8	17 20	27 17	5 10	20 23	0n11	24 34	0 57	25 23	1 18	20 9	0 12	5 3	2 5	12 57	0 47	25 5	1 9	2 57	3 33	6 31	6 6	22 47		n.a.
F 9	17 2	28 52	5 11	20 50	0 29	24 29	0 59	25 22	1 18	20 11	0 12	5 2	2 5	12 56	0 47	25 5	1 9	2 58	3 33	6 32	6 7	22 50		n.a.
S 10	16 44	29 3	4 57	21 13	0 46	24 24	1 1	25 21	1 19	20 13	0 12	5 2	2 5	12 55	0 47	25 5	1 9	2 59	3 32	6 34	6 9	22 52		n.a.
S 11	16 26	27 45	4 29	21 32	1 2	24 18	1 3	25 20	1 19	20 14	0 13	5 1	2 5	12 53	0 47	25 5	1 9	2 59	3 32	6 36	6 10	22 54		n.a.
M12	16 7	25 0	3 47	21 47	1 16	24 11	1 6	25 19	1 20	20 16	0 13	5 1	2 6	12 52	0 47	25 5	1 9	3 0	3 32	6 38	6 11	22 56		n.a.
T 13	15 48	20 54	2 52	21 58	1 28	24 4	1 8	25 18	1 20	20 18	0 13	5 0	2 6	12 51	0 47	25 5	1 9	3 1	3 32	6 39	6 12	22 59		n.a.
W14	15 28	15 42	1 47	22 4	1 39	23 56	1 10	25 16	1 21	20 19	0 13	4 59	2 6	12 49	0 47	25 4	1 9	3 1	3 32	6 40	6 14	23 1		n.a.
T 15	15 9	9 38	0 34	22 7	1 48	23 47	1 12	25 15	1 21	20 21	0 13	4 59	2 6	12 48	0 47	25 4	1 9	3 2	3 31	6 41	6 15	23 3		n.a.
F 16	14 49	3 2	0s41	22 6	1 55	23 37	1 13	25 13	1 21	20 22	0 13	4 58	2 6	12 47	0 47	25 4	1 9	3 3	3 31	6 41	6 16	23 5		n.a.
S 17	14 28	3s47	1 56	22 2	2 2	23 26	1 15	25 11	1 22	20 24	0 14	4 57	2 6	12 45	0 47	25 4	1 9	3 3	3 31	6 40	6 18	23 7		n.a.
S 18	14 8	10 28	3 3	21 55	2 7	23 15	1 17	25 8	1 22	20 25	0 14	4 56	2 6	12 44	0 47	25 4	1 9	3 4	3 31	6 40	6 19	23 10		n.a.
M19	13 47	16 39	4 1	21 45	2 11	23 3	1 19	25 6	1 23	20 27	0 14	4 55	2 7	12 43	0 47	25 4	1 9	3 5	3 31	6 39	6 20	23 12		n.a.
T 20	13 26	21 59	4 43	21 32	2 13	22 50	1 20	25 3	1 23	20 28	0 14	4 55	2 7	12 41	0 47	25 4	1 10	3 6	3 30	6 39	6 21	23 14		n.a.
W21	13 5	26 4	5 9	21 16	2 15	22 37	1 22	25 0	1 24	20 30	0 14	4 54	2 7	12 40	0 47	25 4	1 10	3 6	3 30	6 39	6 23	23 16		n.a.
T 22	12 43	28 32	5 15	20 58	2 16	22 23	1 23	24 57	1 24	20 31	0 15	4 53	2 7	12 39	0 47	25 4	1 10	3 7	3 30	6 39	6 24	23 18		n.a.
F 23	12 22	29 10	5 3	20 38	2 16	22 8	1 25	24 54	1 25	20 32	0 15	4 52	2 7	12 37	0 47	25 4	1 10	3 8	3 30	6 40	6 25	23 21		n.a.
S 24	12 0	27 54	4 33	20 16	2 15	21 52	1 26	24 51	1 25	20 33	0 15	4 51	2 7	12 36	0 47	25 4	1 10	3 9	3 30	6 41	6 26	23 23		n.a.
S 25	11 38	24 57	3 47	19 52	2 13	21 36	1 27	24 47	1 25	20 35	0 15	4 49	2 7	12 34	0 47	25 4	1 10	3 10	3 30	6 41	6 28	23 25		n.a.
M26	11 16	20 36	2 49	19 26	2 11	21 20	1 28	24 43	1 26	20 36	0 15	4 48	2 7	12 33	0 47	25 4	1 10	3 10	3 29	6 42	6 29	23 27		n.a.
T 27	10 53	15 18	1 42	18 58	2 9	21 2	1 29	24 39	1 26	20 37	0 16	4 47	2 7	12 32	0 47	25 4	1 10	3 11	3 29	6 42	6 30	23 29		n.a.
W28	10 31	9 23	0 31	18 29	2 5	20 44	1 30	24 35	1 27	20 38	0 16	4 46	2 8	12 30	0 47	25 4	1 10	3 12	3 29	6 43	6 31	23 31		n.a.
T 29	10 8	3 13	0n40	17 59	2 2	20 25	1 31	24 31	1 27	20 39	0 16	4 45	2 8	12 29	0 47	25 4	1 10	3 13	3 29	6 43	6 33	23 33		n.a.
F 30	9n45	2n57	1n48	17n27	1n58	20n 6	1n32	24n26	1n28	20n40	0n16	4n43	2s 8	12n28	0n47	25n 4	1n10	3s14	3n29	6s42	6s34	23n35		n.a.

Julian Day Number = 204052.5, Delta T = 32h04m50s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'53, Lahiri = -61°01'53 Julian Calendar 1 Sept. 4155 BCE == Greg. Calendar 30 July 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

OCTOBER 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 29 23	6♍32'41	15♈35	20♌20	9♌51	17♋42	28♉37	16°R29	0♍14	7♋30	15♎55	13♓24	13♓42	22♉48	n.a.	S 1
S 2	22 33 19	7°33'55	27°43	21°50	11° 6	18°21	28°40	16♈26	0°18	7°31	15°57	13°25	13°39	22°54	n.a.	S 2
M 3	22 37 16	8°35'10	9♉42	23°19	12°21	18°59	28°43	16°23	0°21	7°33	15°59	13°26	13°36	23° 1	n.a.	M 3
T 4	22 41 12	9°36'26	21°36	24°50	13°36	19°37	28°46	16°19	0°25	7°34	16° 0	13°26	13°32	23° 8	n.a.	T 4
W 5	22 45 9	10°37'44	3♊27	26°21	14°51	20°16	28°48	16°16	0°29	7°35	16° 2	13°26	13°29	23°14	n.a.	W 5
T 6	22 49 6	11°39'02	15°22	27°52	16° 7	20°54	28°51	16°12	0°32	7°36	16° 4	13°R26	13°26	23°21	n.a.	T 6
F 7	22 53 2	12°40'21	27°25	29°24	17°22	21°33	28°53	16° 9	0°36	7°37	16° 6	13°26	13°23	23°28	n.a.	F 7
S 8	22 56 59	13°41'42	9♋40	0♍55	18°37	22°11	28°55	16° 5	0°40	7°39	16° 8	13°D26	13°20	23°35	n.a.	S 8
S 9	23 0 55	14°43'03	22°12	2°28	19°52	22°49	28°56	16° 1	0°43	7°40	16°10	13°26	13°17	23°41	n.a.	S 9
M10	23 4 52	15°44'25	5♌ 4	4° 0	21° 8	23°28	28°58	15°57	0°47	7°41	16°11	13°26	13°13	23°48	n.a.	M10
T 11	23 8 48	16°45'47	18°18	5°32	22°23	24° 6	28°59	15°53	0°51	7°42	16°13	13°27	13°10	23°55	n.a.	T 11
W12	23 12 45	17°47'11	1♍53	7° 5	23°38	24°44	29° 0	15°49	0°54	7°43	16°15	13°27	13° 7	24° 1	n.a.	W12
T 13	23 16 41	18°48'35	15°50	8°38	24°54	25°23	29° 1	15°45	0°58	7°44	16°17	13°R27	13° 4	24° 8	n.a.	T 13
F 14	23 20 38	19°49'59	0♎ 4	10°11	26° 9	26° 1	29° 2	15°41	1° 1	7°45	16°19	13°27	13° 1	24°15	n.a.	F 14
S 15	23 24 35	20°51'23	14°31	11°44	27°25	26°39	29° 3	15°37	1° 5	7°46	16°21	13°26	12°57	24°22	n.a.	S 15
S 16	23 28 31	21°52'48	29° 4	13°17	28°40	27°18	29° 3	15°32	1° 9	7°47	16°23	13°25	12°54	24°28	n.a.	S 16
M17	23 32 28	22°54'13	13♏38	14°50	29°55	27°56	29°R 3	15°28	1°12	7°48	16°25	13°24	12°51	24°35	n.a.	M17
T 18	23 36 24	23°55'38	28° 8	16°24	1♍11	28°34	29° 3	15°23	1°16	7°49	16°27	13°23	12°48	24°42	n.a.	T 18
W19	23 40 21	24°57'03	12♐28	17°57	2°26	29°13	29° 3	15°19	1°19	7°49	16°29	13°22	12°45	24°48	n.a.	W19
T 20	23 44 17	25°58'28	26°35	19°31	3°41	29°51	29° 3	15°14	1°23	7°50	16°31	13°D22	12°42	24°55	n.a.	T 20
F 21	23 48 14	26°59'52	10♑29	21° 5	4°57	0♌29	29° 2	15°10	1°26	7°51	16°33	13°22	12°38	25° 2	n.a.	F 21
S 22	23 52 11	28° 1'17	24° 9	22°39	6°12	1° 7	29° 1	15° 5	1°30	7°52	16°35	13°23	12°35	25° 9	n.a.	S 22
S 23	23 56 7	29° 2'41	7♒34	24°14	7°28	1°46	29° 0	15° 1	1°33	7°52	16°37	13°25	12°32	25°15	n.a.	S 23
M24	0 0 4	0♎ 4'04	20°46	25°48	8°43	2°24	28°59	14°56	1°36	7°53	16°39	13°26	12°29	25°22	n.a.	M24
T 25	0 4 0	1° 5'28	3♓44	27°23	9°58	3° 2	28°58	14°51	1°40	7°54	16°41	13°27	12°26	25°29	n.a.	T 25
W26	0 7 57	2° 6'51	16°30	28°58	11°14	3°40	28°56	14°46	1°43	7°54	16°43	13°R27	12°23	25°35	n.a.	W26
T 27	0 11 54	3° 8'14	29° 5	0♎33	12°29	4°19	28°54	14°41	1°47	7°55	16°45	13°26	12°19	25°42	n.a.	T 27
F 28	0 15 50	4° 9'37	11♈28	2° 9	13°45	4°57	28°52	14°37	1°50	7°55	16°47	13°24	12°16	25°49	n.a.	F 28
S 29	0 19 47	5°10'59	23°41	3°45	15° 0	5°35	28°50	14°32	1°53	7°56	16°49	13°21	12°13	25°56	n.a.	S 29
S 30	0 23 43	6°12'22	5♉46	5°21	16°15	6°13	28°48	14°27	1°56	7°56	16°51	13°18	12°10	26° 2	n.a.	S 30
M31	0 27 40	7♎13'44	17♉43	6♎57	17♍31	6♌52	28♉45	14♈22	2♍ 0	7♋57	16♎53	13♓13	12♓ 7	26♉ 9	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	9n22	8n53	2n49	16n54	1n54	19n46	1n33	24n22	1n28	20n41	0n16	4n42	2s 8	12n26	0n47	25n 4	1n10	3s14	3n29	6s42	6s35	23n38		n.a.
S 2	8 58	14 23	3 42	16 20	1 49	19 26	1 34	24 17	1 28	20 42	0 16	4 41	2 8	12 25	0 47	25 4	1 10	3 15	3 28	6 42	6 36	23 40		n.a.
M 3	8 35	19 17	4 24	15 45	1 44	19 5	1 34	24 12	1 29	20 42	0 17	4 39	2 8	12 24	0 47	25 4	1 10	3 16	3 28	6 42	6 38	23 42		n.a.
T 4	8 11	23 24	4 54	15 10	1 39	18 43	1 35	24 6	1 29	20 43	0 17	4 38	2 8	12 22	0 47	25 4	1 10	3 17	3 28	6 41	6 39	23 44		n.a.
W 5	7 47	26 32	5 12	14 33	1 34	18 21	1 35	24 1	1 30	20 44	0 17	4 36	2 8	12 21	0 47	25 4	1 10	3 18	3 28	6 41	6 40	23 46		n.a.
T 6	7 23	28 32	5 17	13 55	1 28	17 58	1 35	23 55	1 30	20 45	0 17	4 35	2 8	12 20	0 47	25 4	1 10	3 19	3 28	6 41	6 41	23 48		n.a.
F 7	6 59	29 13	5 8	13 17	1 22	17 35	1 36	23 50	1 31	20 45	0 17	4 33	2 8	12 18	0 47	25 4	1 10	3 19	3 28	6 41	6 43	23 50		n.a.
S 8	6 35	28 29	4 44	12 38	1 16	17 11	1 36	23 44	1 31	20 46	0 18	4 32	2 8	12 17	0 47	25 4	1 10	3 20	3 27	6 41	6 44	23 52		n.a.
S 9	6 11	26 17	4 7	11 59	1 10	16 47	1 36	23 38	1 31	20 47	0 18	4 30	2 8	12 16	0 47	25 3	1 10	3 21	3 27	6 41	6 45	23 54		n.a.
M10	5 47	22 43	3 17	11 19	1 4	16 22	1 36	23 31	1 32	20 47	0 18	4 29	2 8	12 14	0 47	25 3	1 10	3 22	3 27	6 41	6 46	23 56		n.a.
T 11	5 22	17 54	2 15	10 38	0 58	15 57	1 36	23 25	1 32	20 48	0 18	4 27	2 9	12 13	0 47	25 3	1 10	3 23	3 27	6 41	6 48	23 58		n.a.
W12	4 57	12 5	1 4	9 57	0 52	15 32	1 36	23 18	1 33	20 48	0 18	4 26	2 9	12 12	0 47	25 3	1 11	3 24	3 27	6 41	6 49	24 0		n.a.
T 13	4 33	5 32	0s13	9 16	0 45	15 5	1 36	23 11	1 33	20 49	0 19	4 24	2 9	12 10	0 47	25 3	1 11	3 25	3 27	6 41	6 50	24 2		n.a.
F 14	4 8	1s24	1 31	8 34	0 39	14 39	1 36	23 4	1 34	20 49	0 19	4 22	2 9	12 9	0 47	25 3	1 11	3 26	3 27	6 41	6 51	24 4		n.a.
S 15	3 43	8 23	2 44	7 51	0 32	14 12	1 36	22 57	1 34	20 49	0 19	4 20	2 9	12 8	0 47	25 3	1 11	3 27	3 26	6 41	6 53	24 7		n.a.
S 16	3 18	14 58	3 47	7 9	0 26	13 45	1 35	22 50	1 34	20 50	0 19	4 19	2 9	12 7	0 47	25 3	1 11	3 27	3 26	6 42	6 54	24 9		n.a.
M17	2 54	20 44	4 35	6 26	0 19	13 17	1 35	22 42	1 35	20 50	0 19	4 17	2 9	12 5	0 47	25 3	1 11	3 28	3 26	6 42	6 55	24 11		n.a.
T 18	2 29	25 15	5 5	5 43	0 13	12 49	1 34	22 35	1 35	20 50	0 20	4 15	2 9	12 4	0 47	25 3	1 11	3 29	3 26	6 43	6 56	24 13		n.a.
W19	2 4	28 9	5 16	4 59	0 7	12 21	1 34	22 27	1 36	20 50	0 20	4 13	2 9	12 3	0 47	25 3	1 11	3 30	3 26	6 43	6 58	24 15		n.a.
T 20	1 39	29 12	5 8	4 16	0 0	11 52	1 33	22 19	1 36	20 50	0 20	4 12	2 9	12 1	0 47	25 3	1 11	3 31	3 26	6 43	6 59	24 17		n.a.
F 21	1 14	28 22	4 42	3 32	0s 6	11 23	1 32	22 11	1 36	20 50	0 20	4 10	2 9	12 0	0 47	25 3	1 11	3 32	3 26	6 43	7 0	24 18		n.a.
S 22	0 48	25 49	4 0	2 48	0 13	10 54	1 32	22 3	1 37	20 50	0 21	4 8	2 9	11 59	0 48	25 3	1 11	3 33	3 25	6 42	7 1	24 20		n.a.
S 23	0 23	21 53	3 5	2 4	0 19	10 24	1 31	21 54	1 37	20 50	0 21	4 6	2 9	11 58	0 48	25 3	1 11	3 34	3 25	6 42	7 3	24 22		n.a.
M24	0s 2	16 54	2 2	1 20	0 25	9 55	1 30	21 46	1 38	20 50	0 21	4 4	2 9	11 56	0 48	25 3	1 11	3 35	3 25	6 41	7 4	24 24		n.a.
T 25	0 27	11 15	0 53	0 35	0 31	9 24	1 29	21 37	1 38	20 50	0 21	4 2	2 9	11 55	0 48	25 3	1 11	3 36	3 25	6 41	7 5	24 26		n.a.
W26	0 52	5 13	0n17	0s 9	0 37	8 54	1 28	21 28	1 38	20 50	0 21	4 1	2 9	11 54	0 48	25 3	1 11	3 37	3 25	6 41	7 6	24 28		n.a.
T 27	1 17	0n55	1 25	0 53	0 43	8 24	1 27	21 19	1 39	20 50	0 22	3 59	2 9	11 53	0 48	25 4	1 11	3 37	3 25	6 41	7 8	24 30		n.a.
F 28	1 42	6 55	2 28	1 38	0 49	7 53	1 26	21 10	1 39	20 50	0 22	3 57	2 9	11 52	0 48	25 4	1 11	3 38	3 25	6 42	7 9	24 32		n.a.
S 29	2 7	12 35	3 23	2 22	0 55	7 22	1 24	21 1	1 40	20 49	0 22	3 55	2 9	11 50	0 48	25 4	1 11	3 39	3 25	6 43	7 10	24 34		n.a.
S 30	2 32	17 43	4 9	3 6	1 1	6 50	1 23	20 51	1 40	20 49	0 22	3 53	2 9	11 49	0 48	25 4	1 11	3 40	3 24	6 45	7 11	24 36		n.a.
M31	2s57	22n 6	4n43	3s50	1s 6	6n19	1n22	20n42	1n40	20n49	0n22	3n51	2s 9	11n48	0n48	25n 4	1n12	3s41	3n24	6s46	7s13	24n38		n.a.

Julian Day Number = 204082.5, Delta T = 32h04m47s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'49, Lahiri = -61°01'49 Julian Calendar 1 Oct. 4155 BCE == Greg. Calendar 29 Aug. 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

NOVEMBER 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 31 36	8♎15'06	29♉36	8♎34	18♍46	7♌30	28°R42	14°R17	2♍ 3	7♋57	16♎56	13°R 9	12♓ 3	26♉16	n.a.	T 1
W 2	0 35 33	9°16'28	11♊27	10°11	20° 2	8° 8	28♉39	14♈12	2° 6	7°57	16°58	13♓ 5	12° 0	26°22	n.a.	W 2
T 3	0 39 30	10°17'50	23°21	11°49	21°17	8°46	28°36	14° 7	2° 9	7°58	17° 0	13° 3	11°57	26°29	n.a.	T 3
F 4	0 43 26	11°19'11	5♋21	13°27	22°32	9°24	28°33	14° 2	2°12	7°58	17° 2	13° 1	11°54	26°36	n.a.	F 4
S 5	0 47 23	12°20'33	17°32	15° 5	23°48	10° 2	28°30	13°57	2°15	7°58	17° 4	13°D 1	11°51	26°43	n.a.	S 5
S 6	0 51 19	13°21'54	29°59	16°44	25° 3	10°40	28°26	13°52	2°18	7°58	17° 6	13° 2	11°48	26°49	n.a.	S 6
M 7	0 55 16	14°23'14	12♌47	18°23	26°18	11°19	28°22	13°47	2°21	7°58	17° 8	13° 4	11°44	26°56	n.a.	M 7
T 8	0 59 12	15°24'35	25°59	20° 2	27°34	11°57	28°18	13°42	2°24	7°59	17°10	13° 6	11°41	27° 3	n.a.	T 8
W 9	1 3 9	16°25'54	9♍37	21°42	28°49	12°35	28°14	13°37	2°27	7°59	17°12	13°R 7	11°38	27°10	n.a.	W 9
T 10	1 7 6	17°27'13	23°42	23°22	0♎ 4	13°13	28° 9	13°32	2°30	7°59	17°15	13° 6	11°35	27°16	n.a.	T 10
F 11	1 11 2	18°28'32	8♎12	25° 3	1°20	13°51	28° 5	13°27	2°33	7°R59	17°17	13° 4	11°32	27°23	n.a.	F 11
S 12	1 14 59	19°29'50	23° 1	26°44	2°35	14°29	28° 0	13°22	2°36	7°59	17°19	13° 0	11°29	27°30	n.a.	S 12
S 13	1 18 55	20°31'06	8♏ 2	28°25	3°50	15° 7	27°55	13°17	2°39	7°59	17°21	12°55	11°25	27°36	n.a.	S 13
M14	1 22 52	21°32'23	23° 5	0♏ 7	5° 5	15°45	27°50	13°12	2°42	7°59	17°23	12°49	11°22	27°43	n.a.	M14
T 15	1 26 48	22°33'37	8♐ 0	1°48	6°21	16°23	27°45	13° 8	2°44	7°59	17°25	12°43	11°19	27°50	n.a.	T 15
W16	1 30 45	23°34'51	22°41	3°30	7°36	17° 1	27°39	13° 3	2°47	7°58	17°27	12°38	11°16	27°57	n.a.	W16
T 17	1 34 42	24°36'04	7♑ 1	5°12	8°51	17°39	27°34	12°58	2°50	7°58	17°29	12°34	11°13	28° 3	n.a.	T 17
F 18	1 38 38	25°37'15	20°58	6°54	10° 6	18°17	27°28	12°53	2°52	7°58	17°31	12°D33	11° 9	28°10	n.a.	F 18
S 19	1 42 35	26°38'25	4♒33	8°35	11°21	18°55	27°22	12°48	2°55	7°58	17°34	12°33	11° 6	28°17	n.a.	S 19
S 20	1 46 31	27°39'33	17°46	10°16	12°37	19°32	27°16	12°44	2°58	7°57	17°36	12°34	11° 3	28°23	n.a.	S 20
M21	1 50 28	28°40'39	0♓41	11°57	13°52	20°10	27°10	12°39	3° 0	7°57	17°38	12°36	11° 0	28°30	n.a.	M21
T 22	1 54 25	29°41'45	13°21	13°37	15° 7	20°48	27° 4	12°34	3° 3	7°57	17°40	12°R36	10°57	28°37	n.a.	T 22
W23	1 58 21	0♏42'48	25°48	15°15	16°22	21°26	26°58	12°30	3° 5	7°56	17°42	12°35	10°54	28°44	n.a.	W23
T 24	2 2 18	1°43'51	8♈ 6	16°53	17°37	22° 4	26°51	12°25	3° 7	7°56	17°44	12°32	10°50	28°50	n.a.	T 24
F 25	2 6 14	2°44'52	20°15	18°29	18°52	22°41	26°45	12°20	3°10	7°56	17°46	12°26	10°47	28°57	n.a.	F 25
S 26	2 10 11	3°45'51	2♉18	20° 2	20° 7	23°19	26°38	12°16	3°12	7°55	17°48	12°18	10°44	29° 4	n.a.	S 26
S 27	2 14 7	4°46'49	14°17	21°33	21°22	23°57	26°31	12°12	3°14	7°55	17°50	12° 8	10°41	29°11	n.a.	S 27
M28	2 18 4	5°47'46	26°11	23° 1	22°37	24°34	26°24	12° 7	3°17	7°54	17°52	11°57	10°38	29°17	n.a.	M28
T 29	2 22 1	6°48'42	8♊ 4	24°25	23°52	25°12	26°17	12° 3	3°19	7°53	17°54	11°46	10°34	29°24	n.a.	T 29
W30	2 25 57	7♏49'36	19♊55	25♏45	25♎ 7	25♌50	26♉10	11♈59	3♍21	7♋53	17♎56	11♓36	10♓31	29♉31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s22	25n35	5n 4	4s35	1s11	5n48	1n20	20n32	1n41	20n48	0n23	3n49	2s 9	11n47	0n48	25n 4	1n12	3s42	3n24	6s48	7s14	24n40		n.a.
W 2	3 47	27 57	5 13	5 19	1 16	5 16	1 19	20 22	1 41	20 48	0 23	3 47	2 8	11 46	0 48	25 4	1 12	3 43	3 24	6 49	7 15	24 42		n.a.
T 3	4 11	29 4	5 8	6 2	1 21	4 44	1 18	20 12	1 42	20 47	0 23	3 45	2 8	11 45	0 48	25 4	1 12	3 44	3 24	6 51	7 16	24 44		n.a.
F 4	4 36	28 50	4 50	6 46	1 26	4 12	1 16	20 2	1 42	20 47	0 23	3 43	2 8	11 43	0 48	25 4	1 12	3 45	3 24	6 51	7 18	24 46		n.a.
S 5	5 1	27 12	4 18	7 29	1 31	3 40	1 14	19 52	1 42	20 46	0 24	3 42	2 8	11 42	0 48	25 4	1 12	3 46	3 24	6 51	7 19	24 47		n.a.
S 6	5 25	24 12	3 34	8 12	1 35	3 8	1 13	19 42	1 43	20 45	0 24	3 40	2 8	11 41	0 48	25 4	1 12	3 47	3 24	6 51	7 20	24 49		n.a.
M 7	5 50	19 58	2 38	8 55	1 39	2 35	1 11	19 31	1 43	20 45	0 24	3 38	2 8	11 40	0 48	25 4	1 12	3 48	3 24	6 50	7 21	24 51		n.a.
T 8	6 14	14 39	1 32	9 37	1 43	2 3	1 9	19 21	1 43	20 44	0 24	3 36	2 8	11 39	0 48	25 4	1 12	3 49	3 23	6 49	7 23	24 53		n.a.
W 9	6 38	8 28	0 19	10 19	1 46	1 31	1 8	19 10	1 44	20 43	0 24	3 34	2 8	11 38	0 48	25 4	1 12	3 49	3 23	6 49	7 24	24 55		n.a.
T 10	7 2	1 42	0s57	11 1	1 49	0 58	1 6	18 59	1 44	20 43	0 25	3 32	2 8	11 37	0 48	25 4	1 12	3 50	3 23	6 49	7 25	24 57		n.a.
F 11	7 26	5s22	2 12	11 41	1 52	0 26	1 4	18 48	1 45	20 42	0 25	3 30	2 8	11 36	0 48	25 4	1 12	3 51	3 23	6 50	7 26	24 59		n.a.
S 12	7 50	12 16	3 20	12 21	1 54	0s 7	1 2	18 37	1 45	20 41	0 25	3 28	2 8	11 35	0 48	25 4	1 12	3 52	3 23	6 52	7 28	25 0		n.a.
S 13	8 14	18 35	4 14	13 1	1 56	0 39	1 0	18 26	1 45	20 40	0 25	3 26	2 8	11 34	0 48	25 4	1 12	3 53	3 23	6 54	7 29	25 2		n.a.
M14	8 38	23 45	4 52	13 40	1 58	1 12	0 58	18 14	1 46	20 39	0 25	3 25	2 7	11 33	0 48	25 4	1 12	3 54	3 23	6 56	7 30	25 4		n.a.
T 15	9 1	27 20	5 8	14 17	1 59	1 44	0 56	18 3	1 46	20 38	0 26	3 23	2 7	11 32	0 48	25 4	1 12	3 55	3 23	6 58	7 31	25 6		n.a.
W16	9 24	28 59	5 5	14 54	2 0	2 16	0 54	17 51	1 46	20 37	0 26	3 21	2 7	11 31	0 48	25 4	1 12	3 56	3 23	7 0	7 32	25 8		n.a.
T 17	9 48	28 37	4 42	15 30	2 0	2 49	0 52	17 40	1 47	20 36	0 26	3 19	2 7	11 30	0 48	25 4	1 12	3 57	3 23	7 2	7 34	25 9		n.a.
F 18	10 11	26 25	4 3	16 4	2 0	3 21	0 50	17 28	1 47	20 35	0 26	3 17	2 7	11 29	0 48	25 4	1 12	3 58	3 23	7 2	7 35	25 11		n.a.
S 19	10 33	22 45	3 11	16 38	1 59	3 53	0 48	17 16	1 47	20 33	0 27	3 16	2 7	11 28	0 48	25 5	1 13	3 59	3 22	7 2	7 36	25 13		n.a.
S 20	10 56	18 0	2 10	17 9	1 57	4 25	0 46	17 4	1 48	20 32	0 27	3 14	2 7	11 27	0 48	25 5	1 13	3 59	3 22	7 2	7 37	25 15		n.a.
M21	11 18	12 32	1 4	17 40	1 55	4 57	0 43	16 52	1 48	20 31	0 27	3 12	2 6	11 26	0 48	25 5	1 13	4 0	3 22	7 1	7 39	25 17		n.a.
T 22	11 41	6 40	0n 4	18 8	1 52	5 29	0 41	16 40	1 48	20 30	0 27	3 10	2 6	11 25	0 48	25 5	1 13	4 1	3 22	7 1	7 40	25 18		n.a.
W23	12 3	0 38	1 11	18 35	1 48	6 1	0 39	16 28	1 49	20 28	0 27	3 9	2 6	11 24	0 48	25 5	1 13	4 2	3 22	7 1	7 41	25 20		n.a.
T 24	12 24	5n19	2 13	19 0	1 44	6 33	0 37	16 16	1 49	20 27	0 28	3 7	2 6	11 24	0 48	25 5	1 13	4 3	3 22	7 3	7 42	25 22		n.a.
F 25	12 46	11 1	3 8	19 23	1 38	7 4	0 34	16 3	1 49	20 26	0 28	3 5	2 6	11 23	0 48	25 5	1 13	4 4	3 22	7 5	7 44	25 24		n.a.
S 26	13 7	16 16	3 54	19 43	1 32	7 35	0 32	15 51	1 50	20 24	0 28	3 4	2 6	11 22	0 48	25 5	1 13	4 5	3 22	7 8	7 45	25 25		n.a.
S 27	13 29	20 51	4 30	20 1	1 25	8 6	0 30	15 38	1 50	20 23	0 28	3 2	2 5	11 21	0 48	25 5	1 13	4 6	3 22	7 12	7 46	25 27		n.a.
M28	13 49	24 35	4 53	20 17	1 17	8 37	0 27	15 25	1 50	20 21	0 28	3 1	2 5	11 20	0 48	25 5	1 13	4 6	3 22	7 16	7 47	25 29		n.a.
T 29	14 10	27 16	5 4	20 30	1 7	9 8	0 25	15 13	1 50	20 20	0 29	2 59	2 5	11 19	0 49	25 5	1 13	4 7	3 22	7 21	7 49	25 30		n.a.
W30	14s31	28n43	5n 1	20s40	0s57	9s38	0n23	15n 0	1n51	20n18	0n29	2n57	2s 5	11n19	0n49	25n 5	1n13	4s 8	3n22	7s24	7s50	25n32		n.a.

Julian Day Number = 204113.5, Delta T = 32h04m44s
Ecliptic obliquity = 24°06'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'45, Lahiri = -61°01'45 Julian Calendar 1 Nov. 4155 BCE == Greg. Calendar 29 Sept. 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4155 BCE
geocentric

DECEMBER 4155 BCE (-4154) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 29 54	8♏50'29	1♋50	26♏59	26♎22	26♌27	26°R 3	11°R55	3♍23	7°R52	17♎58	11°R28	10♓28	29♉37	n.a.	T 1
F 2	2 33 50	9°51'20	13°49	28° 8	27°37	27° 5	25♉55	11♈50	3°25	7♋52	18° 0	11♓22	10°25	29°44	n.a.	F 2
S 3	2 37 47	10°52'11	25°58	29°11	28°52	27°42	25°48	11°46	3°27	7°51	18° 2	11°18	10°22	29°51	n.a.	S 3
S 4	2 41 43	11°52'59	8♌20	0♐ 6	0♏ 7	28°20	25°41	11°42	3°29	7°50	18° 4	11°D17	10°19	29°58	n.a.	S 4
M 5	2 45 40	12°53'47	21° 1	0°52	1°22	28°57	25°33	11°39	3°31	7°49	18° 6	11°17	10°15	0♊ 4	n.a.	M 5
T 6	2 49 37	13°54'33	4♍ 5	1°30	2°37	29°35	25°25	11°35	3°33	7°49	18° 8	11°18	10°12	0°11	n.a.	T 6
W 7	2 53 33	14°55'18	17°35	1°59	3°52	0♍12	25°18	11°31	3°34	7°48	18°10	11°R18	10° 9	0°18	n.a.	W 7
T 8	2 57 30	15°56'01	1♎35	2°17	5° 7	0°50	25°10	11°27	3°36	7°47	18°12	11°16	10° 6	0°24	n.a.	T 8
F 9	3 1 26	16°56'42	16° 4	2°R25	6°22	1°27	25° 2	11°24	3°38	7°46	18°14	11°12	10° 3	0°31	n.a.	F 9
S 10	3 5 23	17°57'22	0♏58	2°22	7°37	2° 4	24°54	11°20	3°39	7°45	18°16	11° 5	10° 0	0°38	n.a.	S 10
S 11	3 9 19	18°58'01	16°11	2° 9	8°51	2°42	24°47	11°17	3°41	7°44	18°18	10°56	9°56	0°45	n.a.	S 11
M12	3 13 16	19°58'38	1♐30	1°45	10° 6	3°19	24°39	11°13	3°43	7°43	18°20	10°45	9°53	0°51	n.a.	M12
T 13	3 17 13	20°59'12	16°46	1°11	11°21	3°56	24°31	11°10	3°44	7°42	18°21	10°35	9°50	0°58	n.a.	T 13
W14	3 21 9	21°59'45	1♑47	0°28	12°36	4°33	24°23	11° 7	3°46	7°41	18°23	10°26	9°47	1° 5	n.a.	W14
T 15	3 25 6	23° 0'16	16°25	29♏37	13°51	5°10	24°15	11° 4	3°47	7°40	18°25	10°18	9°44	1°12	n.a.	T 15
F 16	3 29 2	24° 0'44	0♒35	28°40	15° 5	5°47	24° 7	11° 1	3°48	7°39	18°27	10°14	9°40	1°18	n.a.	F 16
S 17	3 32 59	25° 1'11	14°16	27°37	16°20	6°24	23°59	10°58	3°50	7°38	18°29	10°12	9°37	1°25	n.a.	S 17
S 18	3 36 55	26° 1'34	27°31	26°32	17°35	7° 1	23°51	10°55	3°51	7°37	18°30	10°D12	9°34	1°32	n.a.	S 18
M19	3 40 52	27° 1'56	10♓22	25°25	18°49	7°38	23°43	10°53	3°52	7°36	18°32	10°R12	9°31	1°38	n.a.	M19
T 20	3 44 48	28° 2'15	22°54	24°18	20° 4	8°15	23°35	10°50	3°53	7°35	18°34	10°11	9°28	1°45	n.a.	T 20
W21	3 48 45	29° 2'32	5♈12	23°13	21°19	8°52	23°27	10°48	3°54	7°34	18°36	10° 9	9°25	1°52	n.a.	W21
T 22	3 52 42	0♐ 2'47	17°18	22°11	22°33	9°29	23°20	10°45	3°55	7°32	18°37	10° 4	9°21	1°59	n.a.	T 22
F 23	3 56 38	1° 2'59	29°18	21°14	23°48	10° 5	23°12	10°43	3°56	7°31	18°39	9°56	9°18	2° 5	n.a.	F 23
S 24	4 0 35	2° 3'09	11♉14	20°22	25° 3	10°42	23° 4	10°41	3°57	7°30	18°41	9°45	9°15	2°12	n.a.	S 24
S 25	4 4 31	3° 3'17	23° 7	19°36	26°17	11°19	22°56	10°39	3°58	7°29	18°42	9°31	9°12	2°19	n.a.	S 25
M26	4 8 28	4° 3'23	4♊59	18°57	27°32	11°55	22°49	10°37	3°59	7°27	18°44	9°17	9° 9	2°26	n.a.	M26
T 27	4 12 24	5° 3'27	16°53	18°25	28°46	12°32	22°41	10°35	4° 0	7°26	18°46	9° 2	9° 6	2°32	n.a.	T 27
W28	4 16 21	6° 3'29	28°48	18° 0	0♐ 1	13° 8	22°33	10°33	4° 0	7°25	18°47	8°48	9° 2	2°39	n.a.	W28
T 29	4 20 17	7° 3'29	10♋46	17°43	1°15	13°45	22°26	10°32	4° 1	7°23	18°49	8°37	8°59	2°46	n.a.	T 29
F 30	4 24 14	8° 3'26	22°50	17°32	2°30	14°21	22°18	10°30	4° 1	7°22	18°50	8°28	8°56	2°52	n.a.	F 30
S 31	4 28 11	9♐ 3'22	5♌ 2	17°D28	3♐44	14♍57	22♉11	10♈29	4♍ 2	7♋21	18♎52	8♓22	8♓53	2♊59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	14s51	28n52	4n46	20s47	0s46	10s 9	0n20	14n47	1n51	20n17	0n29	2n56	2s 5	11n18	0n49	25n 5	1n13	4s 9	3n22	7s28	7s51	25n34			n.a.
F 2	15 11	27 38	4 17	20 51	0 34	10 39	0 18	14 34	1 51	20 15	0 29	2 54	2 4	11 17	0 49	25 6	1 13	4 10	3 22	7 30	7 52	25 36			n.a.
S 3	15 30	25 6	3 37	20 52	0 20	11 8	0 16	14 21	1 52	20 14	0 29	2 53	2 4	11 17	0 49	25 6	1 13	4 11	3 22	7 32	7 54	25 37			n.a.
S 4	15 50	21 22	2 46	20 50	0 6	11 38	0 13	14 8	1 52	20 12	0 30	2 52	2 4	11 16	0 49	25 6	1 13	4 11	3 21	7 32	7 55	25 39			n.a.
M 5	16 9	16 34	1 46	20 45	0n10	12 7	0 11	13 54	1 52	20 10	0 30	2 50	2 4	11 15	0 49	25 6	1 13	4 12	3 21	7 32	7 56	25 41			n.a.
T 6	16 28	10 53	0 38	20 37	0 26	12 36	0 8	13 41	1 52	20 9	0 30	2 49	2 4	11 15	0 49	25 6	1 13	4 13	3 21	7 32	7 57	25 42			n.a.
W 7	16 46	4 32	0s33	20 27	0 43	13 4	0 6	13 28	1 53	20 7	0 30	2 48	2 3	11 14	0 49	25 6	1 13	4 14	3 21	7 32	7 58	25 44			n.a.
T 8	17 4	2s15	1 46	20 13	1 0	13 32	0 4	13 14	1 53	20 5	0 30	2 46	2 3	11 13	0 49	25 6	1 13	4 15	3 21	7 32	8 0	25 46			n.a.
F 9	17 22	9 9	2 54	19 57	1 19	14 0	0 1	13 1	1 53	20 3	0 30	2 45	2 3	11 13	0 49	25 6	1 14	4 15	3 21	7 34	8 1	25 47			n.a.
S 10	17 40	15 44	3 52	19 38	1 37	14 27	0s 1	12 47	1 53	20 2	0 31	2 44	2 3	11 12	0 49	25 6	1 14	4 16	3 21	7 37	8 2	25 49			n.a.
S 11	17 57	21 30	4 34	19 18	1 55	14 55	0 4	12 34	1 54	20 0	0 31	2 43	2 3	11 12	0 49	25 6	1 14	4 17	3 21	7 40	8 3	25 50			n.a.
M12	18 14	25 54	4 58	18 55	2 13	15 21	0 6	12 20	1 54	19 58	0 31	2 42	2 2	11 11	0 49	25 7	1 14	4 18	3 21	7 44	8 5	25 52			n.a.
T 13	18 30	28 24	5 0	18 31	2 31	15 47	0 8	12 6	1 54	19 56	0 31	2 41	2 2	11 11	0 49	25 7	1 14	4 18	3 21	7 48	8 6	25 54			n.a.
W14	18 47	28 47	4 41	18 6	2 47	16 13	0 11	11 52	1 54	19 54	0 31	2 40	2 2	11 10	0 49	25 7	1 14	4 19	3 21	7 52	8 7	25 55			n.a.
T 15	19 3	27 7	4 4	17 40	3 2	16 39	0 13	11 39	1 54	19 52	0 32	2 39	2 2	11 10	0 49	25 7	1 14	4 20	3 21	7 55	8 8	25 57			n.a.
F 16	19 18	23 44	3 13	17 15	3 16	17 4	0 15	11 25	1 55	19 51	0 32	2 38	2 1	11 9	0 49	25 7	1 14	4 21	3 21	7 57	8 10	25 59			n.a.
S 17	19 33	19 7	2 13	16 49	3 28	17 28	0 18	11 11	1 55	19 49	0 32	2 37	2 1	11 9	0 49	25 7	1 14	4 21	3 21	7 57	8 11	26 0			n.a.
S 18	19 48	13 43	1 7	16 24	3 38	17 52	0 20	10 57	1 55	19 47	0 32	2 36	2 1	11 8	0 49	25 7	1 14	4 22	3 21	7 58	8 12	26 2			n.a.
M19	20 3	7 53	0n 1	16 1	3 46	18 16	0 22	10 43	1 55	19 45	0 32	2 35	2 1	11 8	0 49	25 7	1 14	4 23	3 21	7 57	8 13	26 3			n.a.
T 20	20 17	1 53	1 7	15 39	3 51	18 39	0 24	10 29	1 55	19 43	0 32	2 34	2 0	11 7	0 49	25 7	1 14	4 24	3 21	7 58	8 14	26 5			n.a.
W21	20 30	4n 4	2 8	15 19	3 54	19 1	0 27	10 15	1 55	19 41	0 32	2 33	2 0	11 7	0 49	25 8	1 14	4 24	3 21	7 59	8 16	26 6			n.a.
T 22	20 44	9 47	3 2	15 2	3 56	19 24	0 29	10 1	1 56	19 39	0 33	2 33	2 0	11 7	0 49	25 8	1 14	4 25	3 21	8 1	8 17	26 8			n.a.
F 23	20 57	15 4	3 48	14 48	3 55	19 45	0 31	9 47	1 56	19 37	0 33	2 32	2 0	11 6	0 49	25 8	1 14	4 26	3 21	8 4	8 18	26 9			n.a.
S 24	21 9	19 47	4 23	14 37	3 52	20 6	0 33	9 32	1 56	19 36	0 33	2 31	1 59	11 6	0 49	25 8	1 14	4 26	3 21	8 8	8 19	26 11			n.a.
S 25	21 21	23 41	4 47	14 29	3 48	20 26	0 35	9 18	1 56	19 34	0 33	2 31	1 59	11 6	0 50	25 8	1 14	4 27	3 21	8 13	8 21	26 12			n.a.
M26	21 33	26 37	4 58	14 24	3 42	20 46	0 37	9 4	1 56	19 32	0 33	2 30	1 59	11 6	0 50	25 8	1 14	4 28	3 21	8 19	8 22	26 14			n.a.
T 27	21 45	28 21	4 56	14 22	3 35	21 5	0 39	8 50	1 56	19 30	0 33	2 30	1 58	11 5	0 50	25 8	1 14	4 28	3 21	8 24	8 23	26 16			n.a.
W28	21 55	28 48	4 41	14 23	3 26	21 24	0 41	8 35	1 56	19 28	0 33	2 29	1 58	11 5	0 50	25 8	1 14	4 29	3 21	8 30	8 24	26 17			n.a.
T 29	22 6	27 53	4 14	14 27	3 17	21 42	0 43	8 21	1 56	19 26	0 34	2 29	1 58	11 5	0 50	25 8	1 14	4 29	3 21	8 34	8 25	26 19			n.a.
F 30	22 16	25 39	3 35	14 33	3 7	21 59	0 45	8 7	1 56	19 24	0 34	2 28	1 58	11 5	0 50	25 9	1 14	4 30	3 21	8 38	8 27	26 20			n.a.
S 31	22s26	22n13	2n46	14s42	2n57	22s16	0s47	7n52	1n57	19n23	0n34	2n28	1s57	11n 4	0n50	25n 9	1n14	4s31	3n21	8s40	8s28	26n21			n.a.

Julian Day Number = 204143.5, Delta T = 32h04m40s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'41, Lahiri = -61°01'41 Julian Calendar 1 Dec. 4155 BCE == Greg. Calendar 29 Oct. 4155 BCE

The year -4154 astronomical counting style corresponds to year 4155 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

JANUARY 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 32 7	10♐ 3'16	17♌26	17♏30	4♐59	15♍33	22°R 4	10°R27	4♍ 3	7°R19	18♎53	8°R18	8♓50	3♊ 6	n.a.	S 1
M 2	4 36 4	11° 3'07	0♍ 5	17°39	6°13	16°10	21♉57	10♈26	4° 3	7♋18	18°55	8♓17	8°46	3°13	n.a.	M 2
T 3	4 40 0	12° 2'57	13° 4	17°53	7°28	16°46	21°50	10°25	4° 3	7°16	18°56	8°17	8°43	3°19	n.a.	T 3
W 4	4 43 57	13° 2'44	26°26	18°13	8°42	17°22	21°43	10°24	4° 4	7°15	18°58	8°17	8°40	3°26	n.a.	W 4
T 5	4 47 53	14° 2'30	10♎15	18°38	9°57	17°58	21°36	10°23	4° 4	7°13	18°59	8°15	8°37	3°33	n.a.	T 5
F 6	4 51 50	15° 2'14	24°32	19° 8	11°11	18°34	21°29	10°22	4° 4	7°12	19° 0	8°11	8°34	3°40	n.a.	F 6
S 7	4 55 46	16° 1'56	9♏15	19°42	12°26	19°10	21°22	10°22	4° 4	7°10	19° 2	8° 4	8°31	3°46	n.a.	S 7
S 8	4 59 43	17° 1'36	24°20	20°20	13°40	19°45	21°16	10°21	4° 4	7° 9	19° 3	7°54	8°27	3°53	n.a.	S 8
M 9	5 3 40	18° 1'13	9♐37	21° 3	14°54	20°21	21° 9	10°21	4° 5	7° 7	19° 4	7°44	8°24	4° 0	n.a.	M 9
T 10	5 7 36	19° 0'49	24°55	21°49	16° 9	20°57	21° 3	10°20	4°R 5	7° 6	19° 6	7°32	8°21	4° 6	n.a.	T 10
W11	5 11 33	20° 0'22	10♑ 3	22°38	17°23	21°32	20°57	10°20	4° 4	7° 4	19° 7	7°22	8°18	4°13	n.a.	W11
T 12	5 15 29	20°59'53	24°51	23°31	18°37	22° 8	20°51	10°D20	4° 4	7° 3	19° 8	7°14	8°15	4°20	n.a.	T 12
F 13	5 19 26	21°59'21	9♒12	24°27	19°52	22°43	20°45	10°20	4° 4	7° 1	19° 9	7° 9	8°12	4°27	n.a.	F 13
S 14	5 23 22	22°58'47	23° 4	25°25	21° 6	23°18	20°39	10°20	4° 4	7° 0	19°10	7° 7	8° 8	4°33	n.a.	S 14
S 15	5 27 19	23°58'10	6♓26	26°26	22°20	23°53	20°33	10°20	4° 4	6°58	19°11	7°D 6	8° 5	4°40	n.a.	S 15
M16	5 31 15	24°57'31	19°22	27°30	23°35	24°28	20°28	10°21	4° 3	6°56	19°13	7°R 6	8° 2	4°47	n.a.	M16
T 17	5 35 12	25°56'49	1♈56	28°36	24°49	25° 3	20°23	10°21	4° 3	6°55	19°14	7° 6	7°59	4°54	n.a.	T 17
W18	5 39 8	26°56'04	14°12	29°45	26° 3	25°38	20°17	10°22	4° 3	6°53	19°15	7° 5	7°56	5° 0	n.a.	W18
T 19	5 43 5	27°55'17	26°17	0♐55	27°17	26°13	20°12	10°22	4° 2	6°52	19°16	7° 1	7°52	5° 7	n.a.	T 19
F 20	5 47 1	28°54'27	8♉13	2° 8	28°32	26°48	20° 8	10°23	4° 2	6°50	19°17	6°55	7°49	5°14	n.a.	F 20
S 21	5 50 58	29°53'35	20° 5	3°22	29°46	27°22	20° 3	10°24	4° 1	6°48	19°18	6°46	7°46	5°20	n.a.	S 21
S 22	5 54 55	0♑52'40	1♊56	4°39	1♑ 0	27°57	19°58	10°25	4° 0	6°47	19°19	6°35	7°43	5°27	n.a.	S 22
M23	5 58 51	1°51'43	13°49	5°57	2°14	28°31	19°54	10°26	4° 0	6°45	19°20	6°23	7°40	5°34	n.a.	M23
T 24	6 2 48	2°50'44	25°45	7°18	3°28	29° 6	19°50	10°27	3°59	6°43	19°20	6°11	7°37	5°41	n.a.	T 24
W25	6 6 44	3°49'42	7♋46	8°39	4°43	29°40	19°46	10°29	3°58	6°42	19°21	5°59	7°33	5°47	n.a.	W25
T 26	6 10 41	4°48'38	19°53	10° 3	5°57	0♎14	19°42	10°30	3°57	6°40	19°22	5°49	7°30	5°54	n.a.	T 26
F 27	6 14 37	5°47'32	2♌ 8	11°28	7°11	0°48	19°38	10°32	3°57	6°38	19°23	5°42	7°27	6° 1	n.a.	F 27
S 28	6 18 34	6°46'23	14°31	12°55	8°25	1°22	19°35	10°33	3°56	6°37	19°24	5°37	7°24	6° 7	n.a.	S 28
S 29	6 22 30	7°45'13	27° 4	14°24	9°39	1°55	19°31	10°35	3°55	6°35	19°24	5°35	7°21	6°14	n.a.	S 29
M30	6 26 27	8°44'00	9♍51	15°54	10°53	2°29	19°28	10°37	3°54	6°33	19°25	5°D35	7°18	6°21	n.a.	M30
T 31	6 30 23	9♑42'46	22♍54	17♐25	12♑ 7	3♎ 3	19♉25	10♈39	3♍53	6♋32	19♎26	5♓35	7♓14	6♊28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	22s35	17n45	1n48	14s53	2n46	22s32	0s49	7n38	1n57	19n21	0n34	2n28	1s57	11n 4	0n50	25n 9	1n14	4s31	3n20	8s41	8s29	26n23			n.a.
M 2	22 44	12 26	0 43	15 6	2 35	22 48	0 51	7 23	1 57	19 19	0 34	2 28	1 57	11 4	0 50	25 9	1 14	4 32	3 20	8 42	8 30	26 24			n.a.
T 3	22 52	6 27	0s25	15 21	2 23	23 2	0 53	7 9	1 57	19 17	0 34	2 27	1 57	11 4	0 50	25 9	1 15	4 32	3 20	8 42	8 32	26 26			n.a.
W 4	23 0	0 1	1 34	15 38	2 12	23 16	0 55	6 55	1 57	19 15	0 34	2 27	1 56	11 4	0 50	25 9	1 15	4 33	3 20	8 42	8 33	26 27			n.a.
T 5	23 8	6s37	2 40	15 56	2 0	23 30	0 56	6 40	1 57	19 14	0 34	2 27	1 56	11 4	0 50	25 9	1 15	4 34	3 20	8 42	8 34	26 29			n.a.
F 6	23 15	13 8	3 38	16 16	1 48	23 43	0 58	6 26	1 57	19 12	0 35	2 27	1 56	11 4	0 50	25 9	1 15	4 34	3 20	8 44	8 35	26 30			n.a.
S 7	23 21	19 8	4 23	16 36	1 37	23 55	1 0	6 11	1 57	19 10	0 35	2 27	1 55	11 4	0 50	25 9	1 15	4 35	3 20	8 47	8 37	26 32			n.a.
S 8	23 28	24 5	4 52	16 58	1 25	24 6	1 1	5 57	1 57	19 9	0 35	2 27	1 55	11 4	0 50	25 10	1 15	4 35	3 20	8 50	8 38	26 33			n.a.
M 9	23 33	27 27	5 0	17 21	1 14	24 16	1 3	5 42	1 57	19 7	0 35	2 27	1 55	11 4	0 50	25 10	1 15	4 36	3 20	8 55	8 39	26 34			n.a.
T 10	23 39	28 47	4 47	17 44	1 3	24 26	1 4	5 28	1 57	19 5	0 35	2 27	1 55	11 4	0 50	25 10	1 15	4 36	3 20	8 59	8 40	26 36			n.a.
W11	23 43	27 56	4 13	18 7	0 52	24 35	1 6	5 13	1 57	19 4	0 35	2 28	1 54	11 4	0 50	25 10	1 15	4 37	3 20	9 3	8 41	26 37			n.a.
T 12	23 48	25 6	3 23	18 31	0 41	24 44	1 7	4 59	1 56	19 2	0 35	2 28	1 54	11 4	0 50	25 10	1 15	4 37	3 20	9 6	8 43	26 39			n.a.
F 13	23 52	20 44	2 22	18 56	0 30	24 51	1 8	4 45	1 56	19 1	0 35	2 28	1 54	11 4	0 50	25 10	1 15	4 38	3 20	9 8	8 44	26 40			n.a.
S 14	23 55	15 22	1 14	19 20	0 20	24 58	1 10	4 30	1 56	18 59	0 35	2 28	1 53	11 4	0 50	25 10	1 15	4 38	3 20	9 9	8 45	26 41			n.a.
S 15	23 58	9 27	0 4	19 45	0 10	25 4	1 11	4 16	1 56	18 58	0 35	2 29	1 53	11 4	0 50	25 10	1 15	4 38	3 20	9 9	8 46	26 43			n.a.
M16	24 1	3 20	1n 5	20 9	0 0	25 9	1 12	4 1	1 56	18 56	0 36	2 29	1 53	11 5	0 50	25 10	1 15	4 39	3 20	9 9	8 47	26 44			n.a.
T 17	24 3	2n44	2 8	20 34	0s 9	25 14	1 13	3 47	1 56	18 55	0 36	2 30	1 53	11 5	0 50	25 11	1 15	4 39	3 20	9 9	8 49	26 45			n.a.
W18	24 5	8 33	3 3	20 58	0 19	25 18	1 14	3 33	1 56	18 54	0 36	2 30	1 52	11 5	0 51	25 11	1 15	4 40	3 20	9 9	8 50	26 47			n.a.
T 19	24 6	13 58	3 50	21 22	0 27	25 21	1 15	3 18	1 56	18 52	0 36	2 31	1 52	11 5	0 51	25 11	1 15	4 40	3 20	9 11	8 51	26 48			n.a.
F 20	24 6	18 48	4 25	21 46	0 36	25 23	1 16	3 4	1 55	18 51	0 36	2 31	1 52	11 5	0 51	25 11	1 15	4 41	3 20	9 13	8 52	26 49			n.a.
S 21	24 7	22 53	4 49	22 9	0 44	25 24	1 17	2 50	1 55	18 50	0 36	2 32	1 51	11 6	0 51	25 11	1 15	4 41	3 20	9 17	8 54	26 51			n.a.
S 22	24 7	26 2	5 1	22 31	0 52	25 25	1 18	2 35	1 55	18 49	0 36	2 32	1 51	11 6	0 51	25 11	1 15	4 41	3 20	9 21	8 55	26 52			n.a.
M23	24 6	28 3	4 59	22 53	1 0	25 25	1 19	2 21	1 55	18 47	0 36	2 33	1 51	11 6	0 51	25 11	1 15	4 42	3 20	9 25	8 56	26 53			n.a.
T 24	24 5	28 47	4 45	23 14	1 7	25 24	1 20	2 7	1 55	18 46	0 36	2 34	1 51	11 6	0 51	25 11	1 15	4 42	3 20	9 30	8 57	26 55			n.a.
W25	24 3	28 10	4 17	23 35	1 13	25 22	1 20	1 53	1 54	18 45	0 36	2 35	1 50	11 7	0 51	25 11	1 15	4 42	3 20	9 34	8 58	26 56			n.a.
T 26	24 1	26 11	3 38	23 54	1 20	25 20	1 21	1 38	1 54	18 44	0 36	2 36	1 50	11 7	0 51	25 12	1 15	4 43	3 20	9 38	9 0	26 57			n.a.
F 27	23 59	22 58	2 48	24 13	1 26	25 16	1 22	1 24	1 54	18 43	0 36	2 36	1 50	11 8	0 51	25 12	1 15	4 43	3 20	9 41	9 1	26 59			n.a.
S 28	23 56	18 41	1 50	24 30	1 32	25 12	1 22	1 10	1 53	18 42	0 36	2 37	1 49	11 8	0 51	25 12	1 15	4 43	3 20	9 43	9 2	27 0			n.a.
S 29	23 53	13 32	0 45	24 46	1 37	25 7	1 23	0 56	1 53	18 41	0 37	2 38	1 49	11 8	0 51	25 12	1 15	4 44	3 20	9 43	9 3	27 1			n.a.
M30	23 49	7 44	0s23	25 2	1 42	25 2	1 23	0 42	1 53	18 41	0 37	2 39	1 49	11 9	0 51	25 12	1 15	4 44	3 20	9 44	9 4	27 2			n.a.
T 31	23s45	1n30	1s31	25s16	1s46	24s56	1s23	0n28	1n52	18n40	0n37	2n40	1s49	11n 9	0n51	25n12	1n15	4s44	3n20	9s43	9s 6	27n 4			n.a.

Julian Day Number = 204174.5, Delta T = 32h04m37s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'37, Lahiri = -61°01'36 Julian Calendar 1 Jan. 4154 BCE == Greg. Calendar 29 Nov. 4155 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

FEBRUARY 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 34 20	10♉41'29	6♎15	18♐58	13♉21	3♎36	19°R22	10♈41	3°R52	6°R30	19♎26	5°R36	7♓11	6♊34	n.a.	W 1
T 2	6 38 16	11°40'11	19°58	20°33	14°35	4° 9	19♉20	10°43	3♍50	6♋29	19°27	5♓36	7° 8	6°41	n.a.	T 2
F 3	6 42 13	12°38'50	4♏ 3	22° 9	15°49	4°42	19°17	10°46	3°49	6°27	19°28	5°34	7° 5	6°48	n.a.	F 3
S 4	6 46 9	13°37'28	18°31	23°47	17° 4	5°15	19°15	10°48	3°48	6°25	19°28	5°30	7° 2	6°55	n.a.	S 4
S 5	6 50 6	14°36'04	3♐16	25°26	18°18	5°48	19°13	10°51	3°47	6°24	19°29	5°24	6°58	7° 1	n.a.	S 5
M 6	6 54 3	15°34'38	18°14	27° 7	19°32	6°21	19°11	10°53	3°45	6°22	19°29	5°17	6°55	7° 8	n.a.	M 6
T 7	6 57 59	16°33'10	3♑16	28°49	20°46	6°53	19° 9	10°56	3°44	6°20	19°30	5° 9	6°52	7°15	n.a.	T 7
W 8	7 1 56	17°31'40	18°13	0♑33	22° 0	7°25	19° 8	10°59	3°43	6°19	19°30	5° 2	6°49	7°21	n.a.	W 8
T 9	7 5 52	18°30'08	2♒55	2°18	23°14	7°58	19° 7	11° 2	3°41	6°17	19°31	4°57	6°46	7°28	n.a.	T 9
F 10	7 9 49	19°28'34	17°16	4° 5	24°28	8°30	19° 5	11° 5	3°40	6°16	19°31	4°53	6°43	7°35	n.a.	F 10
S 11	7 13 45	20°26'57	1♓11	5°54	25°42	9° 1	19° 4	11° 8	3°38	6°14	19°31	4°D52	6°39	7°42	n.a.	S 11
S 12	7 17 42	21°25'18	14°38	7°44	26°55	9°33	19° 4	11°11	3°36	6°12	19°32	4°52	6°36	7°48	n.a.	S 12
M13	7 21 38	22°23'37	27°40	9°36	28° 9	10° 4	19° 3	11°14	3°35	6°11	19°32	4°54	6°33	7°55	n.a.	M13
T 14	7 25 35	23°21'53	10♈19	11°29	29°23	10°36	19° 3	11°18	3°33	6° 9	19°32	4°55	6°30	8° 2	n.a.	T 14
W15	7 29 31	24°20'07	22°40	13°23	0♒37	11° 7	19° 3	11°21	3°31	6° 8	19°32	4°R56	6°27	8° 9	n.a.	W15
T 16	7 33 28	25°18'18	4♉46	15°20	1°51	11°38	19°D 3	11°25	3°30	6° 6	19°33	4°55	6°24	8°15	n.a.	T 16
F 17	7 37 24	26°16'28	16°43	17°18	3° 5	12° 8	19° 3	11°28	3°28	6° 5	19°33	4°53	6°20	8°22	n.a.	F 17
S 18	7 41 21	27°14'35	28°36	19°17	4°19	12°39	19° 3	11°32	3°26	6° 3	19°33	4°49	6°17	8°29	n.a.	S 18
S 19	7 45 18	28°12'40	10♊28	21°18	5°33	13° 9	19° 4	11°36	3°24	6° 2	19°33	4°44	6°14	8°35	n.a.	S 19
M20	7 49 14	29°10'43	22°23	23°20	6°47	13°39	19° 4	11°40	3°22	6° 0	19°33	4°38	6°11	8°42	n.a.	M20
T 21	7 53 11	0♒ 8'44	4♋23	25°23	8° 0	14° 9	19° 5	11°44	3°20	5°59	19°33	4°32	6° 8	8°49	n.a.	T 21
W22	7 57 7	1° 6'43	16°32	27°28	9°14	14°39	19° 6	11°48	3°19	5°57	19°R33	4°26	6° 4	8°56	n.a.	W22
T 23	8 1 4	2° 4'40	28°50	29°34	10°28	15° 8	19° 8	11°52	3°17	5°56	19°33	4°21	6° 1	9° 2	n.a.	T 23
F 24	8 5 0	3° 2'35	11♌18	1♒41	11°42	15°37	19° 9	11°57	3°15	5°54	19°33	4°18	5°58	9° 9	n.a.	F 24
S 25	8 8 57	4° 0'28	23°58	3°49	12°55	16° 6	19°11	12° 1	3°13	5°53	19°33	4°16	5°55	9°16	n.a.	S 25
S 26	8 12 53	4°58'20	6♍49	5°57	14° 9	16°35	19°13	12° 5	3°10	5°52	19°33	4°D15	5°52	9°23	n.a.	S 26
M27	8 16 50	5°56'09	19°54	8° 6	15°23	17° 4	19°15	12°10	3° 8	5°50	19°33	4°16	5°49	9°29	n.a.	M27
T 28	8 20 46	6♒53'58	3♎12	10♒15	16♒37	17♎32	19♉17	12♈15	3♍ 6	5♋49	19♎33	4♓18	5♓45	9♊36	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23 s40	4 s56	2 s37	25 s28	1 s50	24 s48	1 s23	0n14	1n52	18n39	0n37	2n41	1 s48	11n10	0n51	25n12	1n15	4 s44	3n20	9 s43	9 s 7	27n 5		n.a.
T 2	23 35	11 19	3 35	25 39	1 53	24 41	1 24	0 0	1 52	18 38	0 37	2 43	1 48	11 10	0 51	25 12	1 15	4 45	3 20	9 43	9 8	27 6		n.a.
F 3	23 30	17 18	4 21	25 49	1 57	24 32	1 24	0 s14	1 51	18 38	0 37	2 44	1 48	11 11	0 51	25 12	1 15	4 45	3 20	9 44	9 9	27 7		n.a.
S 4	23 24	22 30	4 53	25 57	1 59	24 23	1 24	0 28	1 51	18 37	0 37	2 45	1 48	11 11	0 51	25 12	1 15	4 45	3 20	9 45	9 11	27 8		n.a.
S 5	23 17	26 24	5 6	26 3	2 1	24 13	1 24	0 41	1 50	18 37	0 37	2 46	1 47	11 12	0 51	25 12	1 15	4 45	3 20	9 48	9 12	27 10		n.a.
M 6	23 10	28 32	4 59	26 8	2 3	24 2	1 24	0 55	1 50	18 36	0 37	2 48	1 47	11 12	0 51	25 13	1 15	4 45	3 20	9 50	9 13	27 11		n.a.
T 7	23 3	28 35	4 30	26 11	2 4	23 50	1 24	1 9	1 49	18 36	0 37	2 49	1 47	11 13	0 51	25 13	1 15	4 46	3 20	9 53	9 14	27 12		n.a.
W 8	22 56	26 32	3 44	26 12	2 5	23 38	1 24	1 22	1 49	18 35	0 37	2 50	1 46	11 13	0 51	25 13	1 15	4 46	3 20	9 56	9 15	27 13		n.a.
T 9	22 48	22 42	2 43	26 11	2 5	23 25	1 23	1 36	1 48	18 35	0 37	2 52	1 46	11 14	0 51	25 13	1 15	4 46	3 20	9 58	9 17	27 14		n.a.
F 10	22 39	17 35	1 34	26 8	2 5	23 12	1 23	1 49	1 47	18 35	0 37	2 53	1 46	11 14	0 51	25 13	1 15	4 46	3 20	9 59	9 18	27 16		n.a.
S 11	22 30	11 40	0 20	26 3	2 4	22 57	1 23	2 3	1 47	18 34	0 37	2 55	1 46	11 15	0 51	25 13	1 15	4 46	3 20	10 0	9 19	27 17		n.a.
S 12	22 21	5 24	0n53	25 55	2 3	22 42	1 22	2 16	1 46	18 34	0 37	2 56	1 45	11 16	0 51	25 13	1 15	4 46	3 20	9 59	9 20	27 18		n.a.
M13	22 12	0n53	2 0	25 46	2 1	22 27	1 22	2 29	1 46	18 34	0 37	2 58	1 45	11 16	0 51	25 13	1 15	4 46	3 20	9 59	9 21	27 19		n.a.
T 14	22 2	6 56	3 0	25 34	1 58	22 11	1 21	2 43	1 45	18 34	0 37	2 59	1 45	11 17	0 51	25 13	1 15	4 46	3 20	9 58	9 23	27 20		n.a.
W15	21 51	12 36	3 50	25 20	1 55	21 54	1 21	2 56	1 44	18 34	0 37	3 1	1 45	11 17	0 51	25 13	1 15	4 47	3 20	9 58	9 24	27 21		n.a.
T 16	21 40	17 40	4 28	25 3	1 52	21 36	1 20	3 9	1 43	18 34	0 37	3 3	1 44	11 18	0 52	25 13	1 15	4 47	3 20	9 58	9 25	27 22		n.a.
F 17	21 29	22 0	4 55	24 44	1 47	21 18	1 19	3 22	1 43	18 34	0 37	3 4	1 44	11 19	0 52	25 13	1 15	4 47	3 20	9 59	9 26	27 24		n.a.
S 18	21 18	25 24	5 8	24 23	1 43	20 59	1 18	3 35	1 42	18 34	0 37	3 6	1 44	11 20	0 52	25 14	1 15	4 47	3 20	10 1	9 27	27 25		n.a.
S 19	21 6	27 44	5 8	23 58	1 37	20 40	1 17	3 47	1 41	18 35	0 37	3 8	1 44	11 20	0 52	25 14	1 15	4 47	3 20	10 3	9 29	27 26		n.a.
M20	20 54	28 48	4 55	23 32	1 31	20 20	1 17	4 0	1 40	18 35	0 37	3 10	1 43	11 21	0 52	25 14	1 15	4 47	3 20	10 5	9 30	27 27		n.a.
T 21	20 41	28 32	4 29	23 3	1 25	20 0	1 16	4 13	1 39	18 35	0 37	3 12	1 43	11 22	0 52	25 14	1 15	4 47	3 20	10 7	9 31	27 28		n.a.
W22	20 28	26 52	3 51	22 31	1 18	19 39	1 15	4 26	1 38	18 35	0 37	3 13	1 43	11 22	0 52	25 14	1 15	4 47	3 20	10 9	9 32	27 29		n.a.
T 23	20 15	23 55	3 1	21 57	1 10	19 17	1 13	4 38	1 37	18 36	0 37	3 15	1 43	11 23	0 52	25 14	1 15	4 47	3 20	10 11	9 33	27 30		n.a.
F 24	20 2	19 49	2 2	21 21	1 2	18 55	1 12	4 51	1 36	18 36	0 38	3 17	1 42	11 24	0 52	25 14	1 15	4 47	3 20	10 12	9 35	27 31		n.a.
S 25	19 48	14 47	0 56	20 42	0 53	18 33	1 11	5 3	1 35	18 37	0 38	3 19	1 42	11 25	0 52	25 14	1 15	4 47	3 20	10 13	9 36	27 32		n.a.
S 26	19 33	9 2	0 s14	20 1	0 44	18 9	1 10	5 15	1 34	18 37	0 38	3 21	1 42	11 26	0 52	25 14	1 15	4 47	3 20	10 13	9 37	27 33		n.a.
M27	19 19	2 49	1 25	19 19	0 34	17 46	1 9	5 27	1 33	18 38	0 38	3 23	1 42	11 26	0 52	25 14	1 15	4 47	3 20	10 13	9 38	27 34		n.a.
T 28	19 s 4	3 s37	2 s32	18 s34	0 s25	17 s22	1 s 7	5 s40	1n32	18n38	0n38	3n25	1 s41	11n27	0n52	25n14	1n15	4 s47	3n20	10 s13	9 s39	27n35		n.a.

Julian Day Number = 204205.5, Delta T = 32h04m34s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'33, Lahiri = -61°01'32 Julian Calendar 1 Feb. 4154 BCE == Greg. Calendar 30 Dec. 4155 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

MARCH 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 24 43	7♒51'44	16♎44	12♒24	17♒50	18♎ 0	19♉19	12♈19	3°R 4	5°R47	19°R32	4♓19	5♓42	9♊43	n.a.	W 1
T 2	8 28 39	8°49'29	0♏31	14°32	19° 4	18°28	19°22	12°24	3♍ 2	5♋46	19♎32	4°20	5°39	9°49	n.a.	T 2
F 3	8 32 36	9°47'13	14°32	16°40	20°18	18°55	19°24	12°29	3° 0	5°45	19°32	4°R20	5°36	9°56	n.a.	F 3
S 4	8 36 32	10°44'56	28°48	18°47	21°31	19°22	19°27	12°34	2°58	5°44	19°32	4°19	5°33	10° 3	n.a.	S 4
S 5	8 40 29	11°42'37	13♐15	20°53	22°45	19°49	19°30	12°39	2°55	5°42	19°31	4°17	5°30	10°10	n.a.	S 5
M 6	8 44 26	12°40'18	27°49	22°57	23°59	20°15	19°34	12°44	2°53	5°41	19°31	4°15	5°26	10°16	n.a.	M 6
T 7	8 48 22	13°37'56	12♑25	25° 0	25°12	20°42	19°37	12°49	2°51	5°40	19°31	4°12	5°23	10°23	n.a.	T 7
W 8	8 52 19	14°35'33	26°58	27° 0	26°26	21° 8	19°41	12°54	2°48	5°39	19°30	4°10	5°20	10°30	n.a.	W 8
T 9	8 56 15	15°33'09	11♒19	28°58	27°40	21°33	19°44	13° 0	2°46	5°37	19°30	4° 8	5°17	10°37	n.a.	T 9
F 10	9 0 12	16°30'43	25°25	0♓54	28°53	21°58	19°48	13° 5	2°44	5°36	19°29	4° 7	5°14	10°43	n.a.	F 10
S 11	9 4 8	17°28'16	9♓11	2°46	0♓ 7	22°23	19°52	13°11	2°41	5°35	19°29	4°D 7	5°10	10°50	n.a.	S 11
S 12	9 8 5	18°25'47	22°35	4°37	1°20	22°48	19°57	13°16	2°39	5°34	19°28	4° 7	5° 7	10°57	n.a.	S 12
M13	9 12 1	19°23'17	5♈37	6°24	2°34	23°12	20° 1	13°22	2°37	5°33	19°28	4° 8	5° 4	11° 3	n.a.	M13
T 14	9 15 58	20°20'44	18°18	8° 8	3°47	23°35	20° 6	13°27	2°34	5°32	19°27	4° 9	5° 1	11°10	n.a.	T 14
W15	9 19 54	21°18'11	0♉41	9°49	5° 1	23°59	20°10	13°33	2°32	5°31	19°27	4°10	4°58	11°17	n.a.	W15
T 16	9 23 51	22°15'35	12°50	11°26	6°14	24°22	20°15	13°39	2°29	5°30	19°26	4°11	4°55	11°24	n.a.	T 16
F 17	9 27 48	23°12'59	24°50	13° 1	7°28	24°44	20°20	13°45	2°27	5°29	19°25	4°R11	4°51	11°30	n.a.	F 17
S 18	9 31 44	24°10'20	6♊44	14°32	8°41	25° 7	20°25	13°51	2°24	5°28	19°25	4°11	4°48	11°37	n.a.	S 18
S 19	9 35 41	25° 7'41	18°37	15°59	9°55	25°28	20°31	13°57	2°22	5°27	19°24	4°10	4°45	11°44	n.a.	S 19
M20	9 39 37	26° 4'59	0♋34	17°23	11° 8	25°50	20°36	14° 3	2°20	5°26	19°23	4° 9	4°42	11°51	n.a.	M20
T 21	9 43 34	27° 2'17	12°38	18°44	12°21	26°11	20°42	14° 9	2°17	5°25	19°22	4° 8	4°39	11°57	n.a.	T 21
W22	9 47 30	27°59'33	24°53	20° 1	13°35	26°31	20°48	14°15	2°15	5°24	19°22	4° 8	4°35	12° 4	n.a.	W22
T 23	9 51 27	28°56'48	7♌22	21°15	14°48	26°51	20°54	14°21	2°12	5°23	19°21	4° 7	4°32	12°11	n.a.	T 23
F 24	9 55 23	29°54'01	20° 4	22°25	16° 2	27°11	21° 0	14°28	2°10	5°23	19°20	4° 7	4°29	12°17	n.a.	F 24
S 25	9 59 20	0♓51'13	3♍ 3	23°31	17°15	27°30	21° 6	14°34	2° 7	5°22	19°19	4°D 6	4°26	12°24	n.a.	S 25
S 26	10 3 17	1°48'25	16°17	24°33	18°28	27°49	21°12	14°40	2° 5	5°21	19°18	4° 6	4°23	12°31	n.a.	S 26
M27	10 7 13	2°45'35	29°45	25°32	19°41	28° 7	21°19	14°47	2° 2	5°20	19°17	4° 7	4°20	12°38	n.a.	M27
T 28	10 11 10	3°42'45	13♎27	26°26	20°55	28°24	21°25	14°53	2° 0	5°20	19°16	4°R 7	4°16	12°44	n.a.	T 28
W29	10 15 6	4°39'54	27°20	27°17	22° 8	28°41	21°32	15° 0	1°57	5°19	19°16	4° 7	4°13	12°51	n.a.	W29
T 30	10 19 3	5°37'02	11♏22	28° 4	23°21	28°58	21°39	15° 7	1°55	5°18	19°15	4° 7	4°10	12°58	n.a.	T 30
F 31	10 22 59	6♓34'10	25♏31	28♓46	24♓34	29♎14	21♉46	15♈13	1♍52	5♋18	19♎14	4♓ 6	4♓ 7	13♊ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	18s49	10s 0	3s32	17s47	0s14	16s57	1s 6	5s52	1n31	18n39	0n38	3n27	1s41	11n28	0n52	25n14	1n15	4s46	3n20	10s12	9s41	27n36			n.a.
T 2	18 34	16 1	4 21	16 59	0 4	16 32	1 4	6 3	1 30	18 40	0 38	3 30	1 41	11 29	0 52	25 14	1 15	4 46	3 20	10 12	9 42	27 37			n.a.
F 3	18 18	21 20	4 55	16 10	0n 7	16 7	1 3	6 15	1 28	18 41	0 38	3 32	1 41	11 30	0 52	25 14	1 15	4 46	3 20	10 12	9 43	27 38			n.a.
S 4	18 2	25 31	5 12	15 20	0 18	15 41	1 1	6 27	1 27	18 41	0 38	3 34	1 40	11 30	0 52	25 14	1 15	4 46	3 20	10 12	9 44	27 39			n.a.
S 5	17 45	28 9	5 10	14 29	0 29	15 15	1 0	6 39	1 26	18 42	0 38	3 36	1 40	11 31	0 52	25 14	1 15	4 46	3 20	10 13	9 45	27 40			n.a.
M 6	17 29	28 54	4 48	13 38	0 40	14 49	0 58	6 50	1 24	18 43	0 38	3 38	1 40	11 32	0 52	25 14	1 15	4 46	3 20	10 14	9 47	27 41			n.a.
T 7	17 12	27 37	4 7	12 46	0 50	14 22	0 56	7 1	1 23	18 44	0 38	3 41	1 40	11 33	0 52	25 14	1 15	4 46	3 20	10 15	9 48	27 42			n.a.
W 8	16 55	24 28	3 10	11 54	1 1	13 54	0 54	7 13	1 22	18 45	0 38	3 43	1 40	11 34	0 52	25 14	1 15	4 46	3 20	10 16	9 49	27 43			n.a.
T 9	16 37	19 49	2 2	11 3	1 11	13 27	0 52	7 24	1 20	18 46	0 38	3 45	1 39	11 35	0 52	25 15	1 15	4 45	3 20	10 16	9 50	27 44			n.a.
F 10	16 20	14 9	0 48	10 12	1 21	12 59	0 51	7 35	1 19	18 47	0 38	3 48	1 39	11 36	0 52	25 15	1 15	4 45	3 20	10 17	9 51	27 45			n.a.
S 11	16 2	7 55	0n28	9 22	1 31	12 30	0 49	7 46	1 17	18 49	0 38	3 50	1 39	11 37	0 52	25 15	1 15	4 45	3 20	10 17	9 53	27 46			n.a.
S 12	15 44	1 30	1 40	8 32	1 41	12 2	0 47	7 57	1 15	18 50	0 38	3 52	1 39	11 37	0 52	25 15	1 15	4 45	3 20	10 16	9 54	27 47			n.a.
M13	15 25	4n48	2 45	7 44	1 49	11 33	0 45	8 7	1 14	18 51	0 38	3 55	1 38	11 38	0 52	25 15	1 15	4 45	3 20	10 16	9 55	27 48			n.a.
T 14	15 7	10 45	3 40	6 56	1 58	11 3	0 43	8 18	1 12	18 52	0 38	3 57	1 38	11 39	0 52	25 15	1 15	4 45	3 20	10 16	9 56	27 49			n.a.
W15	14 48	16 8	4 24	6 11	2 6	10 34	0 41	8 28	1 10	18 54	0 38	4 0	1 38	11 40	0 52	25 15	1 15	4 44	3 20	10 15	9 57	27 50			n.a.
T 16	14 29	20 47	4 54	5 26	2 13	10 4	0 39	8 39	1 9	18 55	0 38	4 2	1 38	11 41	0 52	25 15	1 15	4 44	3 20	10 15	9 59	27 50			n.a.
F 17	14 10	24 32	5 12	4 43	2 19	9 34	0 36	8 49	1 7	18 56	0 38	4 5	1 38	11 42	0 52	25 15	1 15	4 44	3 20	10 15	10 0	27 51			n.a.
S 18	13 50	27 13	5 16	4 2	2 25	9 4	0 34	8 59	1 5	18 58	0 38	4 7	1 37	11 43	0 52	25 15	1 15	4 44	3 20	10 15	10 1	27 52			n.a.
S 19	13 30	28 42	5 6	3 22	2 31	8 34	0 32	9 9	1 3	18 59	0 38	4 10	1 37	11 44	0 52	25 15	1 15	4 43	3 20	10 15	10 2	27 53			n.a.
M20	13 11	28 50	4 43	2 45	2 35	8 3	0 30	9 19	1 1	19 1	0 38	4 12	1 37	11 45	0 52	25 15	1 15	4 43	3 20	10 16	10 3	27 54			n.a.
T 21	12 51	27 36	4 8	2 9	2 39	7 32	0 27	9 29	0 59	19 2	0 38	4 15	1 37	11 46	0 52	25 15	1 15	4 43	3 20	10 16	10 5	27 55			n.a.
W22	12 30	25 2	3 20	1 35	2 42	7 1	0 25	9 38	0 57	19 4	0 38	4 18	1 37	11 46	0 52	25 15	1 15	4 42	3 20	10 16	10 6	27 56			n.a.
T 23	12 10	21 15	2 23	1 4	2 44	6 30	0 23	9 48	0 54	19 6	0 38	4 20	1 36	11 47	0 52	25 15	1 15	4 42	3 20	10 16	10 7	27 56			n.a.
F 24	11 49	16 25	1 17	0 34	2 46	5 58	0 20	9 57	0 52	19 7	0 38	4 23	1 36	11 48	0 52	25 15	1 15	4 42	3 20	10 17	10 8	27 57			n.a.
S 25	11 29	10 46	0 6	0 7	2 47	5 27	0 18	10 6	0 50	19 9	0 38	4 26	1 36	11 49	0 52	25 15	1 15	4 42	3 20	10 17	10 9	27 58			n.a.
S 26	11 8	4 32	1s 7	0n19	2 46	4 55	0 16	10 15	0 48	19 11	0 38	4 28	1 36	11 50	0 52	25 15	1 15	4 41	3 20	10 17	10 11	27 59			n.a.
M27	10 47	1s59	2 17	0 42	2 45	4 24	0 13	10 24	0 45	19 13	0 38	4 31	1 36	11 51	0 52	25 15	1 15	4 41	3 20	10 17	10 12	28 0			n.a.
T 28	10 25	8 31	3 21	1 2	2 44	3 52	0 11	10 33	0 43	19 14	0 38	4 34	1 36	11 52	0 52	25 15	1 15	4 41	3 20	10 17	10 13	28 1			n.a.
W29	10 4	14 44	4 14	1 20	2 41	3 20	0 8	10 41	0 40	19 16	0 38	4 37	1 35	11 53	0 52	25 15	1 15	4 40	3 20	10 17	10 14	28 1			n.a.
T 30	9 43	20 16	4 52	1 36	2 37	2 48	0 6	10 50	0 37	19 18	0 38	4 39	1 35	11 54	0 52	25 15	1 15	4 40	3 20	10 17	10 15	28 2			n.a.
F 31	9s21	24s44	5s13	1n50	2n33	2s16	0s 3	10s58	0n35	19n20	0n38	4n42	1s35	11n55	0n52	25n15	1n15	4s40	3n20	10s17	10s17	28n 3			n.a.

Julian Day Number = 204233.5, Delta T = 32h04m31s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'29, Lahiri = -61°01'28 Julian Calendar 1 March 4154 BCE == Greg. Calendar 27 Jan. 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

APRIL 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 26 56	7♓31'17	9♐45	29♓25	25♓48	29♎29	21♉53	15♈20	1°R50	5°R17	19°R13	4°D 6	4♓ 4	13♊11	n.a.	S 1
S 2	10 30 52	8°28'24	24° 0	29°59	27° 1	29°44	22° 1	15°27	1♍47	5♋17	19♎12	4♓ 7	4° 1	13°18	n.a.	S 2
M 3	10 34 49	9°25'30	8♑15	0♈29	28°14	29°59	22° 8	15°33	1°45	5°16	19°11	4° 7	3°57	13°25	n.a.	M 3
T 4	10 38 46	10°22'36	22°26	0°54	29°27	0♏12	22°16	15°40	1°42	5°16	19° 9	4° 7	3°54	13°31	n.a.	T 4
W 5	10 42 42	11°19'41	6♒30	1°15	0♈40	0°25	22°23	15°47	1°40	5°15	19° 8	4° 8	3°51	13°38	n.a.	W 5
T 6	10 46 39	12°16'46	20°25	1°31	1°54	0°38	22°31	15°54	1°37	5°15	19° 7	4° 8	3°48	13°45	n.a.	T 6
F 7	10 50 35	13°13'51	4♓ 7	1°43	3° 7	0°49	22°39	16° 1	1°35	5°14	19° 6	4°R 9	3°45	13°52	n.a.	F 7
S 8	10 54 32	14°10'55	17°34	1°51	4°20	1° 1	22°47	16° 8	1°33	5°14	19° 5	4° 8	3°41	13°58	n.a.	S 8
S 9	10 58 28	15° 7'58	0♈45	1°R53	5°33	1°11	22°55	16°15	1°30	5°14	19° 4	4° 8	3°38	14° 5	n.a.	S 9
M10	11 2 25	16° 5'00	13°39	1°52	6°46	1°21	23° 4	16°22	1°28	5°13	19° 3	4° 6	3°35	14°12	n.a.	M10
T 11	11 6 21	17° 2'02	26°16	1°45	7°59	1°30	23°12	16°29	1°25	5°13	19° 1	4° 5	3°32	14°18	n.a.	T 11
W12	11 10 18	17°59'04	8♉37	1°35	9°12	1°38	23°21	16°37	1°23	5°13	19° 0	4° 3	3°29	14°25	n.a.	W12
T 13	11 14 15	18°56'05	20°46	1°20	10°25	1°46	23°29	16°44	1°21	5°13	18°59	4° 1	3°26	14°32	n.a.	T 13
F 14	11 18 11	19°53'05	2♊46	1° 2	11°38	1°53	23°38	16°51	1°18	5°12	18°58	4° 0	3°22	14°39	n.a.	F 14
S 15	11 22 8	20°50'05	14°40	0°40	12°51	1°59	23°47	16°58	1°16	5°12	18°56	3°59	3°19	14°45	n.a.	S 15
S 16	11 26 4	21°47'04	26°34	0°15	14° 4	2° 5	23°56	17° 6	1°14	5°12	18°55	3°D59	3°16	14°52	n.a.	S 16
M17	11 30 1	22°44'03	8♋31	29♓46	15°17	2°10	24° 5	17°13	1°12	5°12	18°54	3°59	3°13	14°59	n.a.	M17
T 18	11 33 57	23°41'01	20°36	29°16	16°30	2°14	24°14	17°20	1° 9	5°12	18°52	4° 1	3°10	15° 5	n.a.	T 18
W19	11 37 54	24°37'59	2♌54	28°43	17°43	2°17	24°23	17°28	1° 7	5°D12	18°51	4° 2	3° 7	15°12	n.a.	W19
T 20	11 41 51	25°34'56	15°29	28°10	18°55	2°20	24°33	17°35	1° 5	5°12	18°50	4° 4	3° 3	15°19	n.a.	T 20
F 21	11 45 47	26°31'53	28°22	27°35	20° 8	2°22	24°42	17°43	1° 3	5°12	18°48	4°R 4	3° 0	15°26	n.a.	F 21
S 22	11 49 44	27°28'50	11♍37	27° 0	21°21	2°23	24°52	17°50	1° 1	5°12	18°47	4° 4	2°57	15°32	n.a.	S 22
S 23	11 53 40	28°25'47	25°11	26°26	22°34	2°R23	25° 1	17°58	0°59	5°12	18°46	4° 3	2°54	15°39	n.a.	S 23
M24	11 57 37	29°22'43	9♎ 5	25°52	23°47	2°23	25°11	18° 5	0°56	5°12	18°44	4° 1	2°51	15°46	n.a.	M24
T 25	12 1 33	0♈19'40	23°14	25°20	24°59	2°22	25°21	18°13	0°54	5°12	18°43	3°58	2°47	15°53	n.a.	T 25
W26	12 5 30	1°16'37	7♏34	24°50	26°12	2°20	25°31	18°20	0°52	5°13	18°41	3°54	2°44	15°59	n.a.	W26
T 27	12 9 27	2°13'34	22° 0	24°23	27°25	2°17	25°41	18°28	0°50	5°13	18°40	3°50	2°41	16° 6	n.a.	T 27
F 28	12 13 23	3°10'32	6♐26	23°59	28°37	2°14	25°51	18°35	0°48	5°13	18°39	3°47	2°38	16°13	n.a.	F 28
S 29	12 17 20	4° 7'30	20°48	23°39	29°50	2°10	26° 1	18°43	0°46	5°14	18°37	3°45	2°35	16°19	n.a.	S 29
S 30	12 21 16	5♈ 4'29	5♑ 2	23♓22	1♉ 3	2♏ 5	26♉12	18♈51	0♍44	5♋14	18♎36	3°D45	2♓32	16♊26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8 s59	27 s43	5 s15	2n 0	2n28	1 s44	0 s 1	11 s 6	0n32	19n22	0n38	4n45	1 s35	11n56	0n52	25n15	1n15	4 s39	3n20	10 s17	10 s18	28n 4		n.a.
S 2	8 37	28 56	4 58	2 9	2 21	1 11	0n 2	11 14	0 29	19 24	0 38	4 48	1 35	11 57	0 52	25 15	1 15	4 39	3 20	10 17	10 19	28 4		n.a.
M 3	8 15	28 13	4 22	2 14	2 14	0 39	0 4	11 22	0 26	19 26	0 38	4 51	1 35	11 57	0 52	25 15	1 15	4 38	3 20	10 17	10 20	28 5		n.a.
T 4	7 53	25 39	3 31	2 17	2 6	0 7	0 7	11 30	0 24	19 28	0 38	4 54	1 34	11 58	0 52	25 15	1 15	4 38	3 20	10 16	10 21	28 6		n.a.
W 5	7 31	21 32	2 27	2 17	1 57	0n25	0 10	11 37	0 21	19 30	0 38	4 56	1 34	11 59	0 52	25 15	1 14	4 38	3 20	10 16	10 22	28 7		n.a.
T 6	7 9	16 17	1 15	2 15	1 47	0 57	0 12	11 45	0 18	19 32	0 38	4 59	1 34	12 0	0 52	25 15	1 14	4 37	3 20	10 16	10 24	28 7		n.a.
F 7	6 46	10 17	0 0	2 10	1 36	1 30	0 15	11 52	0 14	19 34	0 38	5 2	1 34	12 1	0 52	25 15	1 14	4 37	3 20	10 16	10 25	28 8		n.a.
S 8	6 24	3 55	1n14	2 2	1 25	2 2	0 17	11 59	0 11	19 36	0 38	5 5	1 34	12 2	0 52	25 15	1 14	4 36	3 20	10 16	10 26	28 9		n.a.
S 9	6 1	2n28	2 22	1 52	1 12	2 34	0 20	12 5	0 8	19 38	0 38	5 8	1 34	12 3	0 52	25 15	1 14	4 36	3 20	10 16	10 27	28 9		n.a.
M10	5 38	8 36	3 21	1 39	0 59	3 6	0 22	12 12	0 5	19 41	0 38	5 11	1 33	12 4	0 52	25 15	1 14	4 36	3 20	10 17	10 28	28 10		n.a.
T 11	5 16	14 16	4 9	1 24	0 45	3 38	0 25	12 18	0 1	19 43	0 38	5 14	1 33	12 4	0 52	25 15	1 14	4 35	3 20	10 17	10 30	28 11		n.a.
W12	4 53	19 15	4 45	1 6	0 30	4 10	0 28	12 25	0 s 2	19 45	0 38	5 17	1 33	12 5	0 52	25 15	1 14	4 35	3 20	10 18	10 31	28 11		n.a.
T 13	4 30	23 22	5 7	0 47	0 15	4 42	0 30	12 31	0 6	19 47	0 38	5 20	1 33	12 6	0 52	25 15	1 14	4 34	3 20	10 19	10 32	28 12		n.a.
F 14	4 7	26 27	5 15	0 25	0 s 1	5 13	0 33	12 37	0 9	19 50	0 38	5 23	1 33	12 7	0 52	25 15	1 14	4 34	3 20	10 19	10 33	28 13		n.a.
S 15	3 44	28 20	5 10	0 1	0 17	5 45	0 35	12 42	0 13	19 52	0 38	5 26	1 33	12 8	0 52	25 15	1 14	4 33	3 19	10 20	10 34	28 13		n.a.
S 16	3 21	28 55	4 51	0 s24	0 33	6 16	0 38	12 48	0 17	19 54	0 38	5 29	1 33	12 9	0 52	25 15	1 14	4 33	3 19	10 20	10 35	28 14		n.a.
M17	2 58	28 9	4 20	0 51	0 49	6 48	0 40	12 53	0 21	19 57	0 38	5 32	1 32	12 9	0 52	25 15	1 14	4 33	3 19	10 19	10 37	28 15		n.a.
T 18	2 35	26 3	3 37	1 18	1 6	7 19	0 43	12 58	0 25	19 59	0 38	5 35	1 32	12 10	0 52	25 15	1 14	4 32	3 19	10 19	10 38	28 15		n.a.
W19	2 11	22 42	2 43	1 46	1 22	7 50	0 45	13 3	0 29	20 1	0 38	5 38	1 32	12 11	0 52	25 15	1 14	4 32	3 19	10 18	10 39	28 16		n.a.
T 20	1 48	18 15	1 40	2 15	1 38	8 21	0 48	13 8	0 33	20 4	0 39	5 41	1 32	12 12	0 52	25 15	1 14	4 31	3 19	10 18	10 40	28 17		n.a.
F 21	1 25	12 52	0 31	2 43	1 53	8 51	0 50	13 12	0 37	20 6	0 39	5 44	1 32	12 13	0 52	25 15	1 14	4 31	3 19	10 17	10 41	28 17		n.a.
S 22	1 2	6 46	0 s41	3 11	2 8	9 22	0 52	13 17	0 41	20 9	0 39	5 47	1 32	12 13	0 52	25 15	1 14	4 30	3 19	10 17	10 43	28 18		n.a.
S 23	0 38	0 14	1 53	3 37	2 22	9 52	0 55	13 21	0 45	20 11	0 39	5 50	1 32	12 14	0 52	25 15	1 14	4 30	3 19	10 18	10 44	28 18		n.a.
M24	0 15	6 s27	3 0	4 3	2 36	10 22	0 57	13 25	0 49	20 13	0 39	5 53	1 32	12 15	0 52	25 15	1 14	4 29	3 19	10 19	10 45	28 19		n.a.
T 25	0n 8	12 56	3 57	4 27	2 48	10 52	1 0	13 28	0 54	20 16	0 39	5 56	1 31	12 16	0 52	25 14	1 14	4 29	3 19	10 20	10 46	28 19		n.a.
W26	0 31	18 49	4 40	4 50	2 59	11 21	1 2	13 32	0 58	20 18	0 39	5 59	1 31	12 16	0 51	25 14	1 14	4 28	3 19	10 21	10 47	28 20		n.a.
T 27	0 55	23 41	5 6	5 10	3 9	11 50	1 4	13 35	1 3	20 21	0 39	6 2	1 31	12 17	0 51	25 14	1 14	4 28	3 19	10 23	10 48	28 21		n.a.
F 28	1 18	27 7	5 12	5 28	3 17	12 19	1 6	13 38	1 7	20 23	0 39	6 5	1 31	12 18	0 51	25 14	1 14	4 27	3 19	10 24	10 50	28 21		n.a.
S 29	1 41	28 45	4 59	5 43	3 25	12 48	1 9	13 41	1 12	20 26	0 39	6 8	1 31	12 18	0 51	25 14	1 14	4 27	3 19	10 25	10 51	28 22		n.a.
S 30	2n 4	28 s28	4 s27	5 s55	3 s31	13n16	1n11	13 s43	1 s16	20n28	0n39	6n11	1 s31	12n19	0n51	25n14	1n14	4 s26	3n19	10 s25	10 s52	28n22		n.a.

Julian Day Number = 204264.5, Delta T = 32h04m28s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'25, Lahiri = -61°01'24 Julian Calendar 1 Apr. 4154 BCE == Greg. Calendar 27 Feb. 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

MAY 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 25 13	6♈ 1'28	19♉ 7	23°R10	2♉15	1°R59	26♉22	18♈58	0°R43	5♋14	18°R34	3♓45	2♓28	16♊33	n.a.	M 1
T 2	12 29 10	6°58'28	3♒ 0	23♓ 2	3°28	1♏53	26°33	19° 6	0♍41	5°15	18♎33	3°46	2°25	16°40	n.a.	T 2
W 3	12 33 6	7°55'28	16°41	22°D58	4°40	1°46	26°43	19°14	0°39	5°15	18°31	3°48	2°22	16°46	n.a.	W 3
T 4	12 37 3	8°52'29	0♓10	23° 0	5°53	1°38	26°54	19°21	0°37	5°16	18°30	3°R49	2°19	16°53	n.a.	T 4
F 5	12 40 59	9°49'31	13°28	23° 7	7° 5	1°29	27° 4	19°29	0°35	5°16	18°28	3°48	2°16	17° 0	n.a.	F 5
S 6	12 44 56	10°46'32	26°32	23°18	8°18	1°20	27°15	19°37	0°34	5°17	18°27	3°46	2°12	17° 6	n.a.	S 6
S 7	12 48 52	11°43'35	9♈25	23°35	9°30	1°10	27°26	19°45	0°32	5°17	18°25	3°42	2° 9	17°13	n.a.	S 7
M 8	12 52 49	12°40'38	22° 4	23°57	10°43	1° 0	27°37	19°52	0°30	5°18	18°24	3°37	2° 6	17°20	n.a.	M 8
T 9	12 56 46	13°37'41	4♉31	24°25	11°55	0°48	27°48	20° 0	0°29	5°18	18°22	3°30	2° 3	17°27	n.a.	T 9
W10	13 0 42	14°34'45	16°47	24°57	13° 8	0°37	27°59	20° 8	0°27	5°19	18°21	3°23	2° 0	17°33	n.a.	W10
T 11	13 4 39	15°31'50	28°52	25°34	14°20	0°24	28°10	20°16	0°26	5°20	18°19	3°16	1°57	17°40	n.a.	T 11
F 12	13 8 35	16°28'55	10♊50	26°17	15°33	0°12	28°22	20°23	0°24	5°20	18°18	3°10	1°53	17°47	n.a.	F 12
S 13	13 12 32	17°26'00	22°42	27° 5	16°45	29♎58	28°33	20°31	0°23	5°21	18°16	3° 5	1°50	17°54	n.a.	S 13
S 14	13 16 28	18°23'06	4♋34	27°57	17°57	29°45	28°44	20°39	0°21	5°22	18°15	3° 2	1°47	18° 0	n.a.	S 14
M15	13 20 25	19°20'12	16°29	28°55	19° 9	29°30	28°56	20°47	0°20	5°23	18°13	3°D 1	1°44	18° 7	n.a.	M15
T 16	13 24 22	20°17'19	28°33	29°57	20°22	29°16	29° 7	20°55	0°19	5°24	18°12	3° 1	1°41	18°14	n.a.	T 16
W17	13 28 18	21°14'27	10♌50	1♈ 4	21°34	29° 1	29°19	21° 2	0°18	5°24	18°10	3° 2	1°38	18°20	n.a.	W17
T 18	13 32 15	22°11'34	23°25	2°16	22°46	28°46	29°30	21°10	0°16	5°25	18° 9	3° 4	1°34	18°27	n.a.	T 18
F 19	13 36 11	23° 8'43	6♍23	3°32	23°58	28°31	29°42	21°18	0°15	5°26	18° 7	3°R 4	1°31	18°34	n.a.	F 19
S 20	13 40 8	24° 5'52	19°45	4°53	25°10	28°15	29°54	21°26	0°14	5°27	18° 6	3° 3	1°28	18°41	n.a.	S 20
S 21	13 44 4	25° 3'02	3♎33	6°19	26°22	28° 0	0♊ 6	21°34	0°13	5°28	18° 4	2°59	1°25	18°47	n.a.	S 21
M22	13 48 1	26° 0'13	17°46	7°48	27°34	27°44	0°18	21°41	0°12	5°29	18° 3	2°54	1°22	18°54	n.a.	M22
T 23	13 51 58	26°57'24	2♏19	9°22	28°46	27°28	0°29	21°49	0°11	5°30	18° 1	2°47	1°18	19° 1	n.a.	T 23
W24	13 55 54	27°54'37	17° 6	11° 0	29°58	27°12	0°41	21°57	0°10	5°31	18° 0	2°38	1°15	19° 7	n.a.	W24
T 25	13 59 51	28°51'51	1♐58	12°41	1♊10	26°56	0°53	22° 5	0° 9	5°32	17°58	2°30	1°12	19°14	n.a.	T 25
F 26	14 3 47	29°49'07	16°46	14°26	2°22	26°40	1° 6	22°12	0° 8	5°34	17°57	2°23	1° 9	19°21	n.a.	F 26
S 27	14 7 44	0♉46'24	1♉25	16°15	3°34	26°24	1°18	22°20	0° 7	5°35	17°56	2°18	1° 6	19°28	n.a.	S 27
S 28	14 11 41	1°43'42	15°48	18° 6	4°46	26° 9	1°30	22°28	0° 7	5°36	17°54	2°15	1° 3	19°34	n.a.	S 28
M29	14 15 37	2°41'02	29°52	20° 0	5°58	25°53	1°42	22°36	0° 6	5°37	17°53	2°D14	0°59	19°41	n.a.	M29
T 30	14 19 34	3°38'23	13♒38	21°57	7°10	25°38	1°54	22°43	0° 5	5°38	17°51	2°14	0°56	19°48	n.a.	T 30
W31	14 23 30	4♉35'46	27♒ 6	23♈56	8♊21	25♎23	2♊ 7	22♈51	0♍ 5	5♋40	17♎50	2°R14	0♓53	19♊54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	2n27	26s20	3s40	6s 5	3s36	13n44	1n13	13s46	1s21	20n31	0n39	6n14	1s31	12n20	0n51	25n14	1n14	4s26	3n18	10s25	10s53	28n23			n.a.
T 2	2 51	22 38	2 40	6 11	3 39	14 11	1 15	13 48	1 26	20 34	0 39	6 17	1 31	12 20	0 51	25 14	1 14	4 25	3 18	10 24	10 54	28 23			n.a.
W 3	3 14	17 44	1 32	6 14	3 42	14 39	1 17	13 50	1 30	20 36	0 39	6 21	1 31	12 21	0 51	25 14	1 14	4 25	3 18	10 24	10 55	28 24			n.a.
T 4	3 37	12 2	0 20	6 15	3 43	15 6	1 19	13 51	1 35	20 39	0 39	6 24	1 30	12 22	0 51	25 14	1 14	4 24	3 18	10 23	10 57	28 24			n.a.
F 5	4 0	5 53	0n52	6 12	3 43	15 32	1 21	13 53	1 40	20 41	0 39	6 27	1 30	12 22	0 51	25 14	1 14	4 24	3 18	10 23	10 58	28 25			n.a.
S 6	4 23	0n25	2 0	6 6	3 41	15 58	1 23	13 54	1 45	20 44	0 39	6 30	1 30	12 23	0 51	25 14	1 14	4 23	3 18	10 24	10 59	28 25			n.a.
S 7	4 46	6 35	3 1	5 57	3 39	16 24	1 25	13 55	1 50	20 46	0 39	6 33	1 30	12 23	0 51	25 14	1 14	4 23	3 18	10 26	11 0	28 26			n.a.
M 8	5 9	12 24	3 52	5 45	3 36	16 49	1 27	13 55	1 54	20 49	0 39	6 36	1 30	12 24	0 51	25 14	1 14	4 22	3 18	10 28	11 1	28 26			n.a.
T 9	5 31	17 37	4 30	5 30	3 31	17 14	1 28	13 56	1 59	20 52	0 39	6 39	1 30	12 24	0 51	25 14	1 14	4 22	3 18	10 30	11 2	28 26			n.a.
W10	5 54	22 2	4 56	5 12	3 26	17 39	1 30	13 56	2 4	20 54	0 39	6 42	1 30	12 25	0 51	25 14	1 13	4 21	3 18	10 33	11 4	28 27			n.a.
T 11	6 17	25 28	5 7	4 51	3 20	18 3	1 32	13 56	2 9	20 57	0 39	6 45	1 30	12 25	0 51	25 14	1 13	4 21	3 18	10 35	11 5	28 27			n.a.
F 12	6 39	27 44	5 6	4 27	3 12	18 26	1 33	13 56	2 14	21 0	0 39	6 48	1 30	12 26	0 51	25 14	1 13	4 20	3 17	10 38	11 6	28 28			n.a.
S 13	7 2	28 45	4 51	4 0	3 5	18 49	1 35	13 56	2 18	21 2	0 39	6 51	1 30	12 26	0 51	25 14	1 13	4 20	3 17	10 40	11 7	28 28			n.a.
S 14	7 24	28 25	4 23	3 31	2 56	19 12	1 36	13 55	2 23	21 5	0 39	6 54	1 30	12 27	0 51	25 14	1 13	4 19	3 17	10 41	11 8	28 29			n.a.
M15	7 46	26 46	3 44	2 59	2 47	19 34	1 38	13 54	2 28	21 7	0 39	6 58	1 29	12 27	0 51	25 13	1 13	4 19	3 17	10 41	11 9	28 29			n.a.
T 16	8 9	23 53	2 55	2 25	2 37	19 55	1 39	13 54	2 33	21 10	0 39	7 1	1 29	12 28	0 51	25 13	1 13	4 18	3 17	10 41	11 11	28 29			n.a.
W17	8 31	19 52	1 57	1 48	2 27	20 16	1 40	13 52	2 37	21 13	0 39	7 4	1 29	12 28	0 51	25 13	1 13	4 18	3 17	10 41	11 12	28 30			n.a.
T 18	8 53	14 54	0 52	1 9	2 16	20 37	1 41	13 51	2 42	21 15	0 39	7 7	1 29	12 29	0 51	25 13	1 13	4 17	3 17	10 40	11 13	28 30			n.a.
F 19	9 14	9 9	0s18	0 27	2 5	20 57	1 43	13 50	2 47	21 18	0 40	7 10	1 29	12 29	0 51	25 13	1 13	4 17	3 17	10 40	11 14	28 30			n.a.
S 20	9 36	2 49	1 28	0n16	1 53	21 16	1 44	13 48	2 51	21 21	0 40	7 13	1 29	12 29	0 51	25 13	1 13	4 17	3 17	10 40	11 15	28 31			n.a.
S 21	9 58	3s50	2 36	1 2	1 41	21 35	1 45	13 47	2 56	21 23	0 40	7 16	1 29	12 30	0 51	25 13	1 13	4 16	3 16	10 42	11 16	28 31			n.a.
M22	10 19	10 28	3 36	1 49	1 29	21 53	1 46	13 45	3 0	21 26	0 40	7 19	1 29	12 30	0 51	25 13	1 13	4 16	3 16	10 44	11 18	28 32			n.a.
T 23	10 40	16 43	4 23	2 39	1 17	22 11	1 46	13 43	3 4	21 29	0 40	7 22	1 29	12 30	0 50	25 13	1 13	4 15	3 16	10 46	11 19	28 32			n.a.
W24	11 1	22 5	4 54	3 29	1 4	22 28	1 47	13 41	3 9	21 31	0 40	7 25	1 29	12 31	0 50	25 13	1 13	4 15	3 16	10 49	11 20	28 32			n.a.
T 25	11 22	26 6	5 5	4 21	0 52	22 44	1 48	13 39	3 13	21 34	0 40	7 28	1 29	12 31	0 50	25 13	1 13	4 14	3 16	10 52	11 21	28 32			n.a.
F 26	11 43	28 20	4 55	5 14	0 40	23 0	1 49	13 36	3 17	21 36	0 40	7 31	1 29	12 31	0 50	25 13	1 13	4 14	3 16	10 55	11 22	28 33			n.a.
S 27	12 4	28 33	4 27	6 9	0 28	23 15	1 49	13 34	3 21	21 39	0 40	7 34	1 29	12 32	0 50	25 13	1 13	4 13	3 16	10 57	11 23	28 33			n.a.
S 28	12 24	26 49	3 41	7 3	0 16	23 29	1 50	13 32	3 24	21 42	0 40	7 37	1 29	12 32	0 50	25 13	1 13	4 13	3 16	10 58	11 25	28 33			n.a.
M29	12 45	23 25	2 44	7 59	0 4	23 43	1 50	13 29	3 28	21 44	0 40	7 40	1 29	12 32	0 50	25 12	1 13	4 12	3 16	10 59	11 26	28 34			n.a.
T 30	13 5	18 45	1 38	8 54	0n 7	23 56	1 50	13 27	3 32	21 47	0 40	7 43	1 29	12 32	0 50	25 12	1 13	4 12	3 15	10 58	11 27	28 34			n.a.
W31	13n25	13s15	0s27	9n49	0n18	24n 8	1n51	13s25	3s35	21n49	0n40	7n46	1s29	12n32	0n50	25n12	1n13	4s11	3n15	10s58	11s28	28n34			n.a.

Julian Day Number = 204294.5, Delta T = 32h04m24s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'21, Lahiri = -61°01'20 Julian Calendar 1 May 4154 BCE == Greg. Calendar 29 March 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

JUNE 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 27 27	5♉33'10	10♓17	25♈56	9♊33	25°R 8	2♊19	22♈59	0°R 4	5♋41	17°R48	2°R14	0♓50	20♊ 1	n.a.	T 1
F 2	14 31 23	6°30'35	23°14	27°58	10°45	24♎54	2°31	23° 6	0♍ 4	5°42	17♎47	2♓12	0°47	20° 8	n.a.	F 2
S 3	14 35 20	7°28'03	5♈59	0♉ 1	11°56	24°40	2°44	23°14	0° 3	5°44	17°46	2° 8	0°44	20°15	n.a.	S 3
S 4	14 39 17	8°25'31	18°33	2° 5	13° 8	24°27	2°56	23°22	0° 3	5°45	17°44	2° 1	0°40	20°21	n.a.	S 4
M 5	14 43 13	9°23'02	0♉57	4° 9	14°20	24°14	3° 9	23°29	0° 2	5°46	17°43	1°51	0°37	20°28	n.a.	M 5
T 6	14 47 10	10°20'34	13°13	6°13	15°31	24° 1	3°21	23°37	0° 2	5°48	17°41	1°40	0°34	20°35	n.a.	T 6
W 7	14 51 6	11°18'07	25°19	8°17	16°43	23°49	3°34	23°45	0° 2	5°49	17°40	1°27	0°31	20°41	n.a.	W 7
T 8	14 55 3	12°15'42	7♊19	10°21	17°54	23°38	3°47	23°52	0° 2	5°51	17°39	1°15	0°28	20°48	n.a.	T 8
F 9	14 58 59	13°13'18	19°13	12°24	19° 6	23°27	3°59	24° 0	0° 1	5°52	17°37	1° 3	0°24	20°55	n.a.	F 9
S 10	15 2 56	14°10'56	1♋ 3	14°26	20°17	23°17	4°12	24° 7	0° 1	5°54	17°36	0°54	0°21	21° 2	n.a.	S 10
S 11	15 6 53	15° 8'35	12°53	16°28	21°28	23° 7	4°25	24°15	0°D 1	5°55	17°35	0°47	0°18	21° 8	n.a.	S 11
M12	15 10 49	16° 6'15	24°47	18°28	22°40	22°59	4°38	24°22	0° 1	5°57	17°34	0°43	0°15	21°15	n.a.	M12
T 13	15 14 46	17° 3'57	6♌48	20°28	23°51	22°51	4°50	24°29	0° 1	5°58	17°32	0°41	0°12	21°22	n.a.	T 13
W14	15 18 42	18° 1'40	19° 2	22°26	25° 2	22°43	5° 3	24°37	0° 1	6° 0	17°31	0°D41	0° 9	21°28	n.a.	W14
T 15	15 22 39	18°59'24	1♍33	24°23	26°13	22°37	5°16	24°44	0° 2	6° 2	17°30	0°R41	0° 5	21°35	n.a.	T 15
F 16	15 26 35	19°57'10	14°28	26°19	27°24	22°31	5°29	24°52	0° 2	6° 3	17°29	0°40	0° 2	21°42	n.a.	F 16
S 17	15 30 32	20°54'57	27°50	28°13	28°35	22°26	5°42	24°59	0° 2	6° 5	17°27	0°38	29♒59	21°49	n.a.	S 17
S 18	15 34 28	21°52'46	11♎41	0♊ 7	29°46	22°22	5°55	25° 6	0° 2	6° 7	17°26	0°34	29°56	21°55	n.a.	S 18
M19	15 38 25	22°50'36	26° 1	1°58	0♋57	22°18	6° 8	25°13	0° 3	6° 8	17°25	0°26	29°53	22° 2	n.a.	M19
T 20	15 42 22	23°48'29	10♏46	3°49	2° 8	22°16	6°21	25°21	0° 3	6°10	17°24	0°17	29°49	22° 9	n.a.	T 20
W21	15 46 18	24°46'22	25°50	5°38	3°19	22°14	6°34	25°28	0° 4	6°12	17°23	0° 6	29°46	22°15	n.a.	W21
T 22	15 50 15	25°44'18	11♐ 2	7°26	4°29	22°13	6°47	25°35	0° 4	6°14	17°22	29♒55	29°43	22°22	n.a.	T 22
F 23	15 54 11	26°42'16	26°12	9°12	5°40	22°D12	7° 0	25°42	0° 5	6°16	17°21	29°46	29°40	22°29	n.a.	F 23
S 24	15 58 8	27°40'16	11♑ 9	10°57	6°51	22°13	7°13	25°49	0° 5	6°17	17°20	29°38	29°37	22°36	n.a.	S 24
S 25	16 2 4	28°38'18	25°47	12°41	8° 1	22°14	7°26	25°56	0° 6	6°19	17°18	29°33	29°34	22°42	n.a.	S 25
M26	16 6 1	29°36'22	10♒ 1	14°23	9°12	22°16	7°39	26° 3	0° 7	6°21	17°17	29°31	29°30	22°49	n.a.	M26
T 27	16 9 58	0♊34'28	23°50	16° 5	10°22	22°19	7°52	26°10	0° 7	6°23	17°16	29°30	29°27	22°56	n.a.	T 27
W28	16 13 54	1°32'37	7♓15	17°45	11°32	22°23	8° 5	26°17	0° 8	6°25	17°15	29°30	29°24	23° 2	n.a.	W28
T 29	16 17 51	2°30'48	20°19	19°23	12°43	22°27	8°18	26°23	0° 9	6°27	17°15	29°29	29°21	23° 9	n.a.	T 29
F 30	16 21 47	3♊29'01	3♈ 5	21♊ 1	13♋53	22♎32	8♊31	26♈30	0♍10	6♋29	17♎14	29♒27	29♒18	23♊16	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n44	7s16	0n43	10n44	0n29	24n20	1n51	13s22	3s39	21n52	0n40	7n49	1s29	12n32	0n50	25n12	1n13	4s11	3n15	10s58	11s29	28n34		n.a.
F 2	14 4	1 6	1 49	11 39	0 39	24 31	1 51	13 20	3 42	21 55	0 40	7 52	1 28	12 33	0 50	25 12	1 13	4 11	3 15	10 59	11 30	28 35		n.a.
S 3	14 23	5n 1	2 49	12 33	0 48	24 41	1 51	13 17	3 45	21 57	0 40	7 55	1 28	12 33	0 50	25 12	1 13	4 10	3 15	11 1	11 32	28 35		n.a.
S 4	14 43	10 50	3 40	13 25	0 57	24 51	1 51	13 15	3 48	22 0	0 40	7 58	1 28	12 33	0 50	25 12	1 13	4 10	3 15	11 3	11 33	28 35		n.a.
M 5	15 1	16 10	4 19	14 17	1 5	25 0	1 50	13 13	3 51	22 2	0 40	8 1	1 28	12 33	0 50	25 12	1 13	4 9	3 15	11 7	11 34	28 35		n.a.
T 6	15 20	20 46	4 46	15 6	1 13	25 8	1 50	13 10	3 54	22 5	0 41	8 3	1 28	12 33	0 50	25 12	1 13	4 9	3 14	11 11	11 35	28 36		n.a.
W 7	15 39	24 28	4 59	15 55	1 19	25 15	1 50	13 8	3 56	22 7	0 41	8 6	1 28	12 33	0 50	25 12	1 13	4 9	3 14	11 16	11 36	28 36		n.a.
T 8	15 57	27 4	4 59	16 41	1 26	25 22	1 49	13 6	3 59	22 10	0 41	8 9	1 28	12 33	0 50	25 12	1 13	4 8	3 14	11 20	11 37	28 36		n.a.
F 9	16 15	28 25	4 46	17 26	1 31	25 28	1 49	13 4	4 1	22 12	0 41	8 12	1 28	12 33	0 50	25 12	1 13	4 8	3 14	11 24	11 38	28 36		n.a.
S 10	16 33	28 28	4 21	18 9	1 36	25 33	1 48	13 2	4 3	22 15	0 41	8 15	1 28	12 33	0 50	25 11	1 13	4 7	3 14	11 28	11 40	28 36		n.a.
S 11	16 50	27 11	3 44	18 49	1 40	25 37	1 47	13 1	4 5	22 18	0 41	8 18	1 28	12 33	0 50	25 11	1 13	4 7	3 14	11 30	11 41	28 37		n.a.
M12	17 7	24 41	2 58	19 28	1 43	25 41	1 47	12 59	4 7	22 20	0 41	8 21	1 28	12 33	0 50	25 11	1 13	4 7	3 14	11 32	11 42	28 37		n.a.
T 13	17 24	21 5	2 3	20 4	1 46	25 44	1 46	12 58	4 9	22 22	0 41	8 23	1 28	12 33	0 50	25 11	1 13	4 6	3 13	11 32	11 43	28 37		n.a.
W14	17 41	16 31	1 1	20 38	1 48	25 46	1 45	12 57	4 11	22 25	0 41	8 26	1 28	12 33	0 49	25 11	1 13	4 6	3 13	11 32	11 44	28 37		n.a.
T 15	17 57	11 9	0s 5	21 10	1 50	25 47	1 44	12 55	4 13	22 27	0 41	8 29	1 28	12 33	0 49	25 11	1 13	4 6	3 13	11 32	11 45	28 37		n.a.
F 16	18 13	5 11	1 12	21 40	1 51	25 48	1 42	12 55	4 14	22 30	0 41	8 32	1 28	12 33	0 49	25 11	1 13	4 5	3 13	11 33	11 46	28 37		n.a.
S 17	18 29	1s13	2 18	22 7	1 51	25 48	1 41	12 54	4 15	22 32	0 41	8 34	1 28	12 33	0 49	25 11	1 13	4 5	3 13	11 33	11 48	28 37		n.a.
S 18	18 45	7 46	3 18	22 33	1 51	25 47	1 40	12 53	4 17	22 35	0 41	8 37	1 28	12 32	0 49	25 11	1 13	4 5	3 13	11 35	11 49	28 37		n.a.
M19	19 0	14 9	4 8	22 56	1 50	25 45	1 38	12 53	4 18	22 37	0 41	8 40	1 28	12 32	0 49	25 11	1 13	4 4	3 12	11 38	11 50	28 38		n.a.
T 20	19 15	19 56	4 43	23 17	1 49	25 43	1 37	12 53	4 19	22 40	0 41	8 43	1 28	12 32	0 49	25 11	1 13	4 4	3 12	11 41	11 51	28 38		n.a.
W21	19 30	24 35	4 59	23 36	1 47	25 40	1 35	12 53	4 20	22 42	0 42	8 45	1 28	12 32	0 49	25 10	1 13	4 4	3 12	11 45	11 52	28 38		n.a.
T 22	19 44	27 35	4 54	23 53	1 45	25 36	1 34	12 54	4 21	22 44	0 42	8 48	1 28	12 32	0 49	25 10	1 13	4 4	3 12	11 49	11 53	28 38		n.a.
F 23	19 58	28 32	4 29	24 8	1 42	25 31	1 32	12 54	4 21	22 47	0 42	8 51	1 28	12 31	0 49	25 10	1 13	4 3	3 12	11 53	11 55	28 38		n.a.
S 24	20 12	27 22	3 45	24 21	1 39	25 26	1 30	12 55	4 22	22 49	0 42	8 53	1 28	12 31	0 49	25 10	1 13	4 3	3 12	11 55	11 56	28 38		n.a.
S 25	20 25	24 20	2 48	24 33	1 36	25 20	1 28	12 56	4 22	22 51	0 42	8 56	1 28	12 31	0 49	25 10	1 13	4 3	3 11	11 57	11 57	28 38		n.a.
M26	20 38	19 51	1 41	24 42	1 32	25 13	1 26	12 57	4 23	22 54	0 42	8 58	1 28	12 30	0 49	25 10	1 12	4 3	3 11	11 58	11 58	28 38		n.a.
T 27	20 51	14 25	0 30	24 49	1 28	25 5	1 23	12 58	4 23	22 56	0 42	9 1	1 28	12 30	0 49	25 10	1 12	4 2	3 11	11 58	11 59	28 38		n.a.
W28	21 3	8 28	0n41	24 55	1 23	24 57	1 21	13 0	4 23	22 58	0 42	9 3	1 28	12 30	0 49	25 10	1 12	4 2	3 11	11 58	12 0	28 38		n.a.
T 29	21 15	2 18	1 47	24 59	1 19	24 48	1 19	13 2	4 24	23 0	0 42	9 6	1 28	12 29	0 49	25 10	1 12	4 2	3 11	11 58	12 1	28 38		n.a.
F 30	21n27	3n48	2n47	25n 1	1n13	24n38	1n16	13s 4	4s24	23n 3	0n42	9n 8	1s28	12n29	0n49	25n 9	1n12	4s 2	3n11	11s59	12s 3	28n38		n.a.

Julian Day Number = 204325.5, Delta T = 32h04m21s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'17, Lahiri = -61°01'16 Julian Calendar 1 June 4154 BCE == Greg. Calendar 29 Apr. 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

JULY 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 25 44	4♊27'16	15♈36	22♊37	15♋ 3	22♎38	8♊45	26♈37	0♍11	6♋31	17°R13	29°R22	29♒15	23♊23	n.a.	S 1
S 2	16 29 40	5°25'33	27°57	24°12	16°13	22°45	8°58	26°44	0°12	6°33	17♎12	29♒14	29°11	23°29	n.a.	S 2
M 3	16 33 37	6°23'53	10♉ 8	25°45	17°23	22°52	9°11	26°50	0°13	6°35	17°11	29° 3	29° 8	23°36	n.a.	M 3
T 4	16 37 33	7°22'15	22°12	27°18	18°33	23° 1	9°24	26°57	0°14	6°37	17°10	28°50	29° 5	23°43	n.a.	T 4
W 5	16 41 30	8°20'40	4♊11	28°49	19°43	23° 9	9°37	27° 3	0°16	6°39	17° 9	28°36	29° 2	23°49	n.a.	W 5
T 6	16 45 26	9°19'06	16° 5	0♋19	20°53	23°19	9°50	27°10	0°17	6°41	17° 8	28°22	28°59	23°56	n.a.	T 6
F 7	16 49 23	10°17'35	27°57	1°48	22° 2	23°30	10° 3	27°16	0°18	6°43	17° 8	28°10	28°55	24° 3	n.a.	F 7
S 8	16 53 20	11°16'05	9♋46	3°15	23°12	23°41	10°17	27°23	0°19	6°45	17° 7	27°59	28°52	24°10	n.a.	S 8
S 9	16 57 16	12°14'38	21°37	4°41	24°22	23°53	10°30	27°29	0°21	6°47	17° 6	27°51	28°49	24°16	n.a.	S 9
M10	17 1 13	13°13'12	3♌31	6° 6	25°31	24° 5	10°43	27°35	0°22	6°49	17° 6	27°46	28°46	24°23	n.a.	M10
T 11	17 5 9	14°11'49	15°33	7°29	26°40	24°18	10°56	27°41	0°24	6°51	17° 5	27°44	28°43	24°30	n.a.	T 11
W12	17 9 6	15°10'27	27°45	8°52	27°50	24°32	11° 9	27°48	0°25	6°53	17° 4	27°D43	28°40	24°36	n.a.	W12
T 13	17 13 2	16° 9'08	10♍14	10°12	28°59	24°47	11°22	27°54	0°27	6°55	17° 4	27°R43	28°36	24°43	n.a.	T 13
F 14	17 16 59	17° 7'50	23° 4	11°32	0♌ 8	25° 2	11°36	28° 0	0°28	6°58	17° 3	27°43	28°33	24°50	n.a.	F 14
S 15	17 20 55	18° 6'34	6♎20	12°50	1°17	25°18	11°49	28° 6	0°30	7° 0	17° 3	27°42	28°30	24°57	n.a.	S 15
S 16	17 24 52	19° 5'20	20° 4	14° 6	2°26	25°35	12° 2	28°11	0°32	7° 2	17° 2	27°38	28°27	25° 3	n.a.	S 16
M17	17 28 48	20° 4'08	4♏19	15°20	3°34	25°52	12°15	28°17	0°34	7° 4	17° 2	27°32	28°24	25°10	n.a.	M17
T 18	17 32 45	21° 2'59	19° 1	16°33	4°43	26° 9	12°28	28°23	0°35	7° 6	17° 1	27°24	28°21	25°17	n.a.	T 18
W19	17 36 42	22° 1'51	4♐ 5	17°45	5°52	26°28	12°41	28°29	0°37	7° 8	17° 1	27°15	28°17	25°23	n.a.	W19
T 20	17 40 38	23° 0'46	19°23	18°54	7° 0	26°46	12°54	28°34	0°39	7°10	17° 0	27° 5	28°14	25°30	n.a.	T 20
F 21	17 44 35	23°59'42	4♑43	20° 1	8° 8	27° 6	13° 7	28°40	0°41	7°13	17° 0	26°56	28°11	25°37	n.a.	F 21
S 22	17 48 31	24°58'42	19°54	21° 6	9°16	27°26	13°20	28°45	0°43	7°15	17° 0	26°50	28° 8	25°44	n.a.	S 22
S 23	17 52 28	25°57'43	4♒46	22° 9	10°24	27°46	13°33	28°51	0°45	7°17	16°59	26°45	28° 5	25°50	n.a.	S 23
M24	17 56 24	26°56'47	19°12	23°10	11°32	28° 7	13°46	28°56	0°47	7°19	16°59	26°43	28° 1	25°57	n.a.	M24
T 25	18 0 21	27°55'54	3♓11	24° 7	12°40	28°28	13°59	29° 1	0°49	7°22	16°59	26°D43	27°58	26° 4	n.a.	T 25
W26	18 4 17	28°55'03	16°42	25° 2	13°48	28°50	14°12	29° 6	0°52	7°24	16°59	26°44	27°55	26°10	n.a.	W26
T 27	18 8 14	29°54'14	29°49	25°54	14°55	29°13	14°25	29°12	0°54	7°26	16°58	26°R45	27°52	26°17	n.a.	T 27
F 28	18 12 10	0♋53'28	12♈33	26°43	16° 3	29°35	14°38	29°17	0°56	7°28	16°58	26°44	27°49	26°24	n.a.	F 28
S 29	18 16 7	1°52'45	25° 0	27°28	17°10	29°59	14°51	29°22	0°58	7°30	16°58	26°41	27°46	26°31	n.a.	S 29
S 30	18 20 3	2°52'04	7♉13	28° 9	18°17	0♏22	15° 4	29°26	1° 1	7°33	16°58	26°36	27°42	26°37	n.a.	S 30
M31	18 24 0	3♋51'26	19♉17	28♋46	19♌24	0♏47	15♊17	29♈31	1♍ 3	7♋35	16♎58	26♒29	27♒39	26♊44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n38	9n38	3n38	25n 2	1n 8	24n28	1n14	13s 6	4s24	23n 5	0n42	9n11	1s28	12n29	0n49	25n 9	1n12	4s 1	3n10	12s 1	12s 4	28n38		n.a.
S 2	21 49	15 1	4 17	25 1	1 2	24 17	1 11	13 9	4 24	23 7	0 43	9 13	1 28	12 28	0 49	25 9	1 12	4 1	3 10	12 4	12 5	28 38		n.a.
M 3	21 59	19 44	4 44	24 59	0 56	24 5	1 8	13 11	4 23	23 9	0 43	9 16	1 28	12 28	0 49	25 9	1 12	4 1	3 10	12 8	12 6	28 38		n.a.
T 4	22 9	23 37	4 58	24 55	0 50	23 52	1 6	13 14	4 23	23 11	0 43	9 18	1 28	12 27	0 49	25 9	1 12	4 1	3 10	12 12	12 7	28 38		n.a.
W 5	22 19	26 27	4 58	24 50	0 43	23 39	1 3	13 18	4 23	23 13	0 43	9 21	1 28	12 27	0 48	25 9	1 12	4 1	3 10	12 17	12 8	28 38		n.a.
T 6	22 28	28 6	4 46	24 43	0 36	23 25	1 0	13 21	4 23	23 16	0 43	9 23	1 28	12 26	0 48	25 9	1 12	4 1	3 10	12 22	12 9	28 38		n.a.
F 7	22 37	28 27	4 21	24 36	0 29	23 11	0 57	13 25	4 22	23 18	0 43	9 25	1 28	12 26	0 48	25 9	1 12	4 1	3 9	12 27	12 10	28 38		n.a.
S 8	22 46	27 29	3 45	24 27	0 22	22 56	0 53	13 28	4 22	23 20	0 43	9 28	1 28	12 25	0 48	25 9	1 12	4 0	3 9	12 31	12 12	28 38		n.a.
S 9	22 54	25 16	2 59	24 16	0 15	22 40	0 50	13 33	4 21	23 22	0 43	9 30	1 28	12 25	0 48	25 8	1 12	4 0	3 9	12 33	12 13	28 38		n.a.
M10	23 2	21 56	2 4	24 5	0 7	22 24	0 47	13 37	4 20	23 24	0 43	9 32	1 28	12 24	0 48	25 8	1 12	4 0	3 9	12 35	12 14	28 38		n.a.
T 11	23 9	17 39	1 4	23 53	0s 1	22 7	0 43	13 41	4 20	23 26	0 43	9 34	1 28	12 24	0 48	25 8	1 12	4 0	3 9	12 36	12 15	28 38		n.a.
W12	23 16	12 35	0s 0	23 40	0 9	21 50	0 40	13 46	4 19	23 28	0 44	9 37	1 28	12 23	0 48	25 8	1 12	4 0	3 8	12 36	12 16	28 38		n.a.
T 13	23 22	6 56	1 6	23 26	0 17	21 32	0 36	13 51	4 18	23 30	0 44	9 39	1 29	12 22	0 48	25 8	1 12	4 0	3 8	12 36	12 17	28 38		n.a.
F 14	23 28	0 50	2 10	23 11	0 25	21 13	0 33	13 56	4 18	23 32	0 44	9 41	1 29	12 22	0 48	25 8	1 12	4 0	3 8	12 36	12 18	28 37		n.a.
S 15	23 34	5s28	3 10	22 55	0 33	20 54	0 29	14 1	4 17	23 34	0 44	9 43	1 29	12 21	0 48	25 8	1 12	4 0	3 8	12 37	12 20	28 37		n.a.
S 16	23 39	11 45	4 1	22 39	0 42	20 35	0 25	14 7	4 16	23 36	0 44	9 45	1 29	12 20	0 48	25 8	1 12	4 0	3 8	12 38	12 21	28 37		n.a.
M17	23 44	17 40	4 39	22 22	0 51	20 15	0 21	14 12	4 15	23 38	0 44	9 47	1 29	12 20	0 48	25 8	1 12	4 0	3 7	12 40	12 22	28 37		n.a.
T 18	23 48	22 45	5 0	22 5	0 59	19 54	0 17	14 18	4 14	23 40	0 44	9 49	1 29	12 19	0 48	25 7	1 12	4 0	3 7	12 43	12 23	28 37		n.a.
W19	23 52	26 29	5 1	21 47	1 8	19 33	0 13	14 24	4 13	23 41	0 44	9 51	1 29	12 18	0 48	25 7	1 12	4 0	3 7	12 46	12 24	28 37		n.a.
T 20	23 55	28 20	4 40	21 28	1 17	19 11	0 9	14 30	4 12	23 43	0 44	9 53	1 29	12 18	0 48	25 7	1 12	4 0	3 7	12 50	12 25	28 37		n.a.
F 21	23 58	28 2	4 0	21 10	1 26	18 49	0 5	14 36	4 11	23 45	0 45	9 55	1 29	12 17	0 48	25 7	1 12	4 0	3 7	12 53	12 26	28 36		n.a.
S 22	24 1	25 36	3 3	20 51	1 35	18 27	0 0	14 43	4 10	23 47	0 45	9 57	1 29	12 16	0 48	25 7	1 12	4 0	3 7	12 55	12 27	28 36		n.a.
S 23	24 3	21 28	1 54	20 32	1 44	18 4	0s 4	14 49	4 9	23 49	0 45	9 59	1 29	12 15	0 48	25 7	1 12	4 0	3 6	12 57	12 29	28 36		n.a.
M24	24 5	16 7	0 40	20 13	1 52	17 41	0 8	14 56	4 8	23 50	0 45	10 1	1 29	12 14	0 48	25 7	1 12	4 0	3 6	12 57	12 30	28 36		n.a.
T 25	24 6	10 5	0n35	19 54	2 1	17 17	0 13	15 3	4 7	23 52	0 45	10 3	1 29	12 14	0 48	25 7	1 12	4 0	3 6	12 57	12 31	28 36		n.a.
W26	24 6	3 47	1 45	19 36	2 10	16 53	0 17	15 10	4 5	23 54	0 45	10 5	1 29	12 13	0 48	25 6	1 12	4 0	3 6	12 57	12 32	28 35		n.a.
T 27	24 7	2n28	2 47	19 18	2 19	16 28	0 22	15 17	4 4	23 56	0 45	10 7	1 29	12 12	0 48	25 6	1 12	4 0	3 6	12 57	12 33	28 35		n.a.
F 28	24 7	8 27	3 40	19 0	2 27	16 3	0 27	15 24	4 3	23 57	0 45	10 8	1 29	12 11	0 47	25 6	1 12	4 0	3 5	12 57	12 34	28 35		n.a.
S 29	24 6	13 58	4 21	18 43	2 35	15 38	0 31	15 32	4 2	23 59	0 46	10 10	1 29	12 10	0 47	25 6	1 12	4 1	3 5	12 58	12 35	28 35		n.a.
S 30	24 5	18 50	4 49	18 27	2 43	15 12	0 36	15 39	4 0	24 0	0 46	10 12	1 29	12 9	0 47	25 6	1 12	4 1	3 5	13 0	12 36	28 35		n.a.
M31	24n 3	22n53	5n 3	18n12	2s51	14n47	0s41	15s47	3s59	24n 2	0n46	10n13	1s29	12n 8	0n47	25n 6	1n12	4s 1	3n 5	13s 2	12s38	28n34		n.a.

Julian Day Number = 204355.5, Delta T = 32h04m18s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'12, Lahiri = -61°01'12 Julian Calendar 1 July 4154 BCE == Greg. Calendar 29 May 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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AUGUST 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 27 56	4♋50'50	1♊14	29♋18	20♌31	1♏11	15♊29	29♈36	1♍ 6	7♋37	16°R58	26°R20	27♒36	26♊51	n.a.	T 1
W 2	18 31 53	5°50'17	13° 7	29°46	21°37	1°36	15°42	29°40	1° 8	7°39	16°D58	26♒10	27°33	26°57	n.a.	W 2
T 3	18 35 50	6°49'46	24°59	0♌ 8	22°44	2° 2	15°55	29°45	1°11	7°42	16♎58	26° 0	27°30	27° 4	n.a.	T 3
F 4	18 39 46	7°49'18	6♋50	0°24	23°50	2°28	16° 8	29°49	1°13	7°44	16°58	25°51	27°27	27°11	n.a.	F 4
S 5	18 43 43	8°48'52	18°42	0°34	24°56	2°54	16°20	29°54	1°16	7°46	16°58	25°43	27°23	27°17	n.a.	S 5
S 6	18 47 39	9°48'28	0♌37	0°R37	26° 2	3°21	16°33	29°58	1°18	7°48	16°58	25°38	27°20	27°24	n.a.	S 6
M 7	18 51 36	10°48'06	12°38	0°32	27° 8	3°48	16°46	0♉ 2	1°21	7°51	16°58	25°35	27°17	27°31	n.a.	M 7
T 8	18 55 32	11°47'46	24°46	0°20	28°13	4°15	16°58	0° 6	1°24	7°53	16°58	25°D34	27°14	27°38	n.a.	T 8
W 9	18 59 29	12°47'29	7♍ 4	0° 0	29°18	4°43	17°11	0°10	1°26	7°55	16°59	25°34	27°11	27°44	n.a.	W 9
T 10	19 3 25	13°47'13	19°37	29♋32	0♍23	5°11	17°23	0°14	1°29	7°57	16°59	25°36	27° 7	27°51	n.a.	T 10
F 11	19 7 22	14°46'59	2♎27	28°56	1°28	5°39	17°36	0°18	1°32	8° 0	16°59	25°37	27° 4	27°58	n.a.	F 11
S 12	19 11 18	15°46'48	15°38	28°11	2°33	6° 8	17°48	0°22	1°35	8° 2	16°59	25°R38	27° 1	28° 4	n.a.	S 12
S 13	19 15 15	16°46'38	29°14	27°18	3°37	6°37	18° 0	0°25	1°38	8° 4	17° 0	25°37	26°58	28°11	n.a.	S 13
M14	19 19 11	17°46'30	13♏16	26°19	4°42	7° 7	18°13	0°29	1°41	8° 6	17° 0	25°35	26°55	28°18	n.a.	M14
T 15	19 23 8	18°46'24	27°43	25°13	5°46	7°36	18°25	0°32	1°44	8° 9	17° 0	25°31	26°52	28°25	n.a.	T 15
W16	19 27 4	19°46'20	12♐32	24° 2	6°49	8° 6	18°37	0°36	1°47	8°11	17° 1	25°26	26°48	28°31	n.a.	W16
T 17	19 31 1	20°46'19	27°38	22°49	7°53	8°37	18°49	0°39	1°50	8°13	17° 1	25°20	26°45	28°38	n.a.	T 17
F 18	19 34 58	21°46'19	12♑49	21°34	8°56	9° 7	19° 1	0°42	1°53	8°15	17° 2	25°16	26°42	28°45	n.a.	F 18
S 19	19 38 54	22°46'21	27°58	20°21	9°59	9°38	19°13	0°45	1°56	8°17	17° 2	25°12	26°39	28°51	n.a.	S 19
S 20	19 42 51	23°46'26	12♒53	19°10	11° 1	10° 9	19°25	0°48	1°59	8°20	17° 3	25°10	26°36	28°58	n.a.	S 20
M21	19 46 47	24°46'32	27°27	18° 5	12° 3	10°40	19°37	0°51	2° 2	8°22	17° 3	25°D 9	26°33	29° 5	n.a.	M21
T 22	19 50 44	25°46'41	11♓35	17° 8	13° 5	11°12	19°49	0°53	2° 5	8°24	17° 4	25°10	26°29	29°11	n.a.	T 22
W23	19 54 40	26°46'52	25°16	16°20	14° 7	11°44	20° 1	0°56	2° 8	8°26	17° 5	25°12	26°26	29°18	n.a.	W23
T 24	19 58 37	27°47'05	8♈30	15°41	15° 8	12°16	20°12	0°59	2°12	8°28	17° 5	25°13	26°23	29°25	n.a.	T 24
F 25	20 2 33	28°47'21	21°20	15°14	16° 9	12°48	20°24	1° 1	2°15	8°30	17° 6	25°14	26°20	29°32	n.a.	F 25
S 26	20 6 30	29°47'39	3♉49	14°58	17°10	13°21	20°36	1° 3	2°18	8°32	17° 7	25°R15	26°17	29°38	n.a.	S 26
S 27	20 10 26	0♌48'00	16° 2	14°D54	18°10	13°53	20°47	1° 6	2°21	8°35	17° 8	25°14	26°13	29°45	n.a.	S 27
M28	20 14 23	1°48'22	28° 4	15° 1	19°10	14°26	20°59	1° 8	2°25	8°37	17° 8	25°11	26°10	29°52	n.a.	M28
T 29	20 18 19	2°48'47	9♊58	15°19	20° 9	14°59	21°10	1°10	2°28	8°39	17° 9	25° 8	26° 7	29°58	n.a.	T 29
W30	20 22 16	3°49'15	21°49	15°47	21° 8	15°33	21°21	1°12	2°31	8°41	17°10	25° 5	26° 4	0♋ 5	n.a.	W30
T 31	20 26 13	4♌49'44	3♋40	16♋24	22♍ 7	16♏ 6	21♊33	1♉13	2♍35	8♋43	17♎11	25♒ 1	26♒ 1	0♋12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	24n 1	25n57	5n 4	17n58	2s59	14n20	0s46	15s55	3s58	24n 4	0n46	10n15	1s29	12n 8	0n47	25n 6	1n12	4s 1	3n 5	13s 6	12s39	28n34			n.a.
W 2	23 59	27 51	4 53	17 45	3 6	13 54	0 51	16 2	3 56	24 5	0 46	10 17	1 30	12 7	0 47	25 6	1 12	4 1	3 4	13 9	12 40	28 34			n.a.
T 3	23 56	28 29	4 28	17 34	3 12	13 27	0 56	16 10	3 55	24 7	0 46	10 18	1 30	12 6	0 47	25 5	1 12	4 1	3 4	13 12	12 41	28 34			n.a.
F 4	23 52	27 47	3 52	17 25	3 18	13 0	1 1	16 18	3 54	24 8	0 46	10 20	1 30	12 5	0 47	25 5	1 12	4 2	3 4	13 16	12 42	28 33			n.a.
S 5	23 49	25 50	3 5	17 18	3 23	12 33	1 6	16 26	3 52	24 10	0 47	10 21	1 30	12 4	0 47	25 5	1 13	4 2	3 4	13 18	12 43	28 33			n.a.
S 6	23 44	22 42	2 11	17 13	3 27	12 5	1 11	16 35	3 51	24 11	0 47	10 23	1 30	12 3	0 47	25 5	1 13	4 2	3 4	13 20	12 44	28 33			n.a.
M 7	23 40	18 36	1 9	17 11	3 31	11 38	1 16	16 43	3 49	24 13	0 47	10 24	1 30	12 2	0 47	25 5	1 13	4 2	3 3	13 21	12 45	28 32			n.a.
T 8	23 34	13 42	0 4	17 11	3 33	11 10	1 21	16 51	3 48	24 14	0 47	10 26	1 30	12 1	0 47	25 5	1 13	4 2	3 3	13 22	12 47	28 32			n.a.
W 9	23 29	8 12	1s 2	17 15	3 34	10 42	1 27	17 0	3 47	24 16	0 47	10 27	1 30	12 0	0 47	25 5	1 13	4 3	3 3	13 21	12 48	28 32			n.a.
T 10	23 23	2 18	2 7	17 21	3 33	10 13	1 32	17 8	3 45	24 17	0 47	10 28	1 30	11 59	0 47	25 5	1 13	4 3	3 3	13 21	12 49	28 31			n.a.
F 11	23 16	3s50	3 7	17 31	3 31	9 45	1 37	17 17	3 44	24 18	0 47	10 30	1 30	11 57	0 47	25 4	1 13	4 3	3 3	13 20	12 50	28 31			n.a.
S 12	23 9	9 58	3 59	17 44	3 27	9 16	1 42	17 25	3 42	24 20	0 48	10 31	1 30	11 56	0 47	25 4	1 13	4 4	3 2	13 20	12 51	28 31			n.a.
S 13	23 2	15 50	4 39	18 1	3 21	8 47	1 48	17 34	3 41	24 21	0 48	10 32	1 30	11 55	0 47	25 4	1 13	4 4	3 2	13 20	12 52	28 30			n.a.
M14	22 54	21 4	5 4	18 20	3 12	8 19	1 53	17 43	3 39	24 22	0 48	10 33	1 30	11 54	0 47	25 4	1 13	4 4	3 2	13 21	12 53	28 30			n.a.
T 15	22 45	25 14	5 11	18 43	3 2	7 50	1 59	17 51	3 38	24 23	0 48	10 34	1 30	11 53	0 47	25 4	1 13	4 5	3 2	13 23	12 54	28 30			n.a.
W16	22 37	27 51	4 57	19 7	2 50	7 21	2 4	18 0	3 36	24 25	0 48	10 36	1 31	11 52	0 47	25 4	1 13	4 5	3 2	13 24	12 56	28 29			n.a.
T 17	22 27	28 29	4 23	19 34	2 36	6 52	2 9	18 9	3 35	24 26	0 48	10 37	1 31	11 51	0 47	25 4	1 13	4 5	3 1	13 26	12 57	28 29			n.a.
F 18	22 18	26 58	3 31	20 2	2 20	6 22	2 15	18 18	3 33	24 27	0 49	10 38	1 31	11 50	0 47	25 4	1 13	4 6	3 1	13 28	12 58	28 28			n.a.
S 19	22 8	23 29	2 23	20 31	2 2	5 53	2 20	18 27	3 32	24 28	0 49	10 39	1 31	11 49	0 47	25 3	1 13	4 6	3 1	13 29	12 59	28 28			n.a.
S 20	21 57	18 29	1 7	21 0	1 43	5 24	2 26	18 35	3 30	24 30	0 49	10 40	1 31	11 47	0 47	25 3	1 13	4 6	3 1	13 30	13 0	28 28			n.a.
M21	21 46	12 30	0n13	21 28	1 24	4 55	2 31	18 44	3 29	24 31	0 49	10 41	1 31	11 46	0 47	25 3	1 13	4 7	3 1	13 30	13 1	28 27			n.a.
T 22	21 35	6 3	1 29	21 56	1 4	4 26	2 37	18 53	3 27	24 32	0 49	10 42	1 31	11 45	0 47	25 3	1 13	4 7	3 1	13 30	13 2	28 27			n.a.
W23	21 23	0n28	2 38	22 21	0 44	3 56	2 42	19 2	3 26	24 33	0 49	10 42	1 31	11 44	0 47	25 3	1 13	4 8	3 0	13 29	13 3	28 26			n.a.
T 24	21 11	6 45	3 36	22 46	0 24	3 27	2 47	19 11	3 24	24 34	0 50	10 43	1 31	11 43	0 47	25 3	1 13	4 8	3 0	13 29	13 4	28 26			n.a.
F 25	20 59	12 33	4 21	23 7	0 6	2 58	2 53	19 20	3 23	24 35	0 50	10 44	1 31	11 41	0 47	25 3	1 13	4 9	3 0	13 28	13 6	28 25			n.a.
S 26	20 46	17 42	4 52	23 27	0n12	2 29	2 58	19 28	3 21	24 36	0 50	10 45	1 31	11 40	0 47	25 3	1 13	4 9	3 0	13 28	13 7	28 25			n.a.
S 27	20 33	22 2	5 10	23 44	0 29	2 0	3 4	19 37	3 20	24 37	0 50	10 45	1 31	11 39	0 47	25 3	1 13	4 9	3 0	13 29	13 8	28 24			n.a.
M28	20 19	25 22	5 14	23 59	0 44	1 31	3 9	19 46	3 18	24 38	0 50	10 46	1 32	11 38	0 46	25 2	1 13	4 10	2 59	13 29	13 9	28 24			n.a.
T 29	20 5	27 34	5 4	24 10	0 58	1 2	3 14	19 55	3 17	24 39	0 50	10 47	1 32	11 36	0 46	25 2	1 13	4 10	2 59	13 30	13 10	28 24			n.a.
W30	19 50	28 31	4 41	24 19	1 11	0 34	3 20	20 3	3 15	24 40	0 51	10 47	1 32	11 35	0 46	25 2	1 13	4 11	2 59	13 32	13 11	28 23			n.a.
T 31	19n36	28n10	4n 6	24n26	1n22	0n 5	3s25	20s12	3s14	24n41	0n51	10n48	1s32	11n34	0n46	25n 2	1n13	4s11	2n59	13s33	13s12	28n23			n.a.

Julian Day Number = 204386.5, Delta T = 32h04m15s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'08, Lahiri = -61°01'08 Julian Calendar 1 Aug. 4154 BCE == Greg. Calendar 29 June 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

SEPTEMBER 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 30 9	5♌50'15	15♋33	17♋ 9	23♍ 5	16♏40	21♊44	1♉15	2♍38	8♋45	17♎12	24°R58	25♒58	0♋18	n.a.	F 1
S 2	20 34 6	6°50'48	27°30	18° 2	24° 3	17°14	21°55	1°16	2°42	8°47	17°13	24♒55	25°54	0°25	n.a.	S 2
S 3	20 38 2	7°51'24	9♌35	19° 2	25° 0	17°48	22° 6	1°18	2°45	8°49	17°14	24°54	25°51	0°32	n.a.	S 3
M 4	20 41 59	8°52'01	21°47	20° 7	25°57	18°23	22°17	1°19	2°49	8°51	17°15	24°D53	25°48	0°39	n.a.	M 4
T 5	20 45 55	9°52'39	4♍ 9	21°18	26°53	18°57	22°28	1°20	2°52	8°53	17°16	24°53	25°45	0°45	n.a.	T 5
W 6	20 49 52	10°53'20	16°42	22°33	27°49	19°32	22°38	1°22	2°56	8°55	17°17	24°54	25°42	0°52	n.a.	W 6
T 7	20 53 48	11°54'01	29°28	23°51	28°44	20° 7	22°49	1°23	2°59	8°57	17°18	24°55	25°39	0°59	n.a.	T 7
F 8	20 57 45	12°54'45	12♎28	25°13	29°39	20°42	23° 0	1°23	3° 3	8°59	17°19	24°56	25°35	1° 5	n.a.	F 8
S 9	21 1 41	13°55'30	25°45	26°37	0♎33	21°17	23°10	1°24	3° 6	9° 1	17°20	24°57	25°32	1°12	n.a.	S 9
S 10	21 5 38	14°56'16	9♏19	28° 4	1°26	21°52	23°20	1°25	3°10	9° 3	17°21	24°R58	25°29	1°19	n.a.	S 10
M11	21 9 34	15°57'04	23°12	29°33	2°19	22°28	23°31	1°25	3°13	9° 5	17°22	24°58	25°26	1°25	n.a.	M11
T 12	21 13 31	16°57'53	7♐23	1♌ 3	3°11	23° 3	23°41	1°26	3°17	9° 7	17°24	24°57	25°23	1°32	n.a.	T 12
W13	21 17 28	17°58'43	21°51	2°34	4° 2	23°39	23°51	1°26	3°21	9° 8	17°25	24°57	25°19	1°39	n.a.	W13
T 14	21 21 24	18°59'35	6♑31	4° 6	4°53	24°15	24° 1	1°26	3°24	9°10	17°26	24°56	25°16	1°46	n.a.	T 14
F 15	21 25 21	20° 0'28	21°19	5°39	5°42	24°51	24°11	1°R26	3°28	9°12	17°27	24°55	25°13	1°52	n.a.	F 15
S 16	21 29 17	21° 1'23	6♒ 7	7°13	6°31	25°27	24°21	1°26	3°31	9°14	17°29	24°55	25°10	1°59	n.a.	S 16
S 17	21 33 14	22° 2'18	20°48	8°47	7°20	26° 3	24°31	1°26	3°35	9°16	17°30	24°D55	25° 7	2° 6	n.a.	S 17
M18	21 37 10	23° 3'15	5♓16	10°22	8° 7	26°40	24°40	1°26	3°39	9°17	17°32	24°55	25° 4	2°12	n.a.	M18
T 19	21 41 7	24° 4'14	19°23	11°56	8°53	27°16	24°50	1°26	3°43	9°19	17°33	24°55	25° 0	2°19	n.a.	T 19
W20	21 45 3	25° 5'13	3♈ 8	13°31	9°39	27°53	24°59	1°25	3°46	9°21	17°34	24°R55	24°57	2°26	n.a.	W20
T 21	21 49 0	26° 6'15	16°28	15° 7	10°23	28°29	25° 8	1°24	3°50	9°22	17°36	24°55	24°54	2°32	n.a.	T 21
F 22	21 52 57	27° 7'18	29°24	16°42	11° 7	29° 6	25°17	1°24	3°54	9°24	17°37	24°55	24°51	2°39	n.a.	F 22
S 23	21 56 53	28° 8'22	11♉59	18°17	11°49	29°43	25°26	1°23	3°57	9°26	17°39	24°54	24°48	2°46	n.a.	S 23
S 24	22 0 50	29° 9'28	24°16	19°52	12°30	0♐20	25°35	1°22	4° 1	9°27	17°40	24°D54	24°44	2°53	n.a.	S 24
M25	22 4 46	0♍10'36	6♊19	21°27	13°11	0°57	25°44	1°21	4° 5	9°29	17°42	24°54	24°41	2°59	n.a.	M25
T 26	22 8 43	1°11'45	18°14	23° 3	13°50	1°34	25°53	1°20	4° 8	9°31	17°43	24°54	24°38	3° 6	n.a.	T 26
W27	22 12 39	2°12'55	0♋ 4	24°38	14°27	2°12	26° 2	1°18	4°12	9°32	17°45	24°55	24°35	3°13	n.a.	W27
T 28	22 16 36	3°14'07	11°55	26°13	15° 4	2°49	26°10	1°17	4°16	9°34	17°46	24°56	24°32	3°19	n.a.	T 28
F 29	22 20 32	4°15'20	23°50	27°48	15°39	3°27	26°18	1°16	4°20	9°35	17°48	24°57	24°29	3°26	n.a.	F 29
S 30	22 24 29	5♍16'34	5♌53	29♌22	16♎13	4♐ 4	26♊26	1♉14	4♍23	9♋37	17♎50	24♒58	24♒25	3♋33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n20	26n30	3n20	24n30	1n32	0s23	3s30	20s21	3s12	24n42	0n51	10n48	1s32	11n33	0n46	25n 2	1n13	4s12	2n59	13s34	13s13	28n22		n.a.
S 2	19 5	23 37	2 25	24 31	1 40	0 51	3 36	20 29	3 10	24 43	0 51	10 49	1 32	11 31	0 46	25 2	1 13	4 13	2 58	13 35	13 14	28 21		n.a.
S 3	18 49	19 42	1 24	24 29	1 47	1 19	3 41	20 38	3 9	24 44	0 51	10 49	1 32	11 30	0 46	25 2	1 13	4 13	2 58	13 35	13 15	28 21		n.a.
M 4	18 33	14 55	0 17	24 25	1 53	1 47	3 46	20 47	3 7	24 45	0 52	10 50	1 32	11 29	0 46	25 2	1 13	4 14	2 58	13 36	13 17	28 20		n.a.
T 5	18 16	9 28	0s51	24 19	1 58	2 15	3 51	20 55	3 6	24 45	0 52	10 50	1 32	11 27	0 46	25 2	1 13	4 14	2 58	13 36	13 18	28 20		n.a.
W 6	17 59	3 35	1 58	24 10	2 1	2 42	3 56	21 3	3 4	24 46	0 52	10 50	1 32	11 26	0 46	25 1	1 13	4 15	2 58	13 35	13 19	28 19		n.a.
T 7	17 42	2s31	3 0	23 58	2 4	3 9	4 1	21 12	3 3	24 47	0 52	10 51	1 32	11 25	0 46	25 1	1 13	4 15	2 58	13 35	13 20	28 19		n.a.
F 8	17 25	8 38	3 54	23 45	2 6	3 36	4 6	21 20	3 1	24 48	0 52	10 51	1 33	11 23	0 46	25 1	1 13	4 16	2 57	13 34	13 21	28 18		n.a.
S 9	17 7	14 30	4 37	23 29	2 7	4 2	4 11	21 28	3 0	24 49	0 53	10 51	1 33	11 22	0 46	25 1	1 13	4 17	2 57	13 34	13 22	28 18		n.a.
S 10	16 49	19 48	5 5	23 12	2 7	4 28	4 16	21 37	2 58	24 49	0 53	10 51	1 33	11 21	0 46	25 1	1 13	4 17	2 57	13 34	13 23	28 17		n.a.
M11	16 30	24 11	5 17	22 52	2 6	4 54	4 20	21 45	2 57	24 50	0 53	10 51	1 33	11 19	0 46	25 1	1 13	4 18	2 57	13 34	13 24	28 16		n.a.
T 12	16 11	27 14	5 9	22 31	2 5	5 20	4 25	21 53	2 55	24 51	0 53	10 51	1 33	11 18	0 46	25 1	1 13	4 18	2 57	13 34	13 25	28 16		n.a.
W13	15 52	28 34	4 43	22 8	2 3	5 45	4 29	22 1	2 54	24 52	0 54	10 51	1 33	11 17	0 46	25 1	1 14	4 19	2 56	13 34	13 26	28 15		n.a.
T 14	15 33	27 54	3 57	21 44	2 1	6 9	4 34	22 8	2 52	24 52	0 54	10 51	1 33	11 15	0 46	25 1	1 14	4 20	2 56	13 35	13 28	28 15		n.a.
F 15	15 13	25 16	2 56	21 18	1 58	6 34	4 38	22 16	2 51	24 53	0 54	10 51	1 33	11 14	0 46	25 1	1 14	4 20	2 56	13 35	13 29	28 14		n.a.
S 16	14 53	20 55	1 42	20 50	1 55	6 57	4 42	22 24	2 49	24 54	0 54	10 51	1 33	11 13	0 46	25 0	1 14	4 21	2 56	13 35	13 30	28 13		n.a.
S 17	14 33	15 19	0 23	20 22	1 52	7 21	4 46	22 31	2 48	24 54	0 54	10 51	1 33	11 11	0 46	25 0	1 14	4 22	2 56	13 35	13 31	28 13		n.a.
M18	14 13	8 58	0n57	19 52	1 48	7 43	4 50	22 39	2 46	24 55	0 55	10 51	1 33	11 10	0 46	25 0	1 14	4 22	2 56	13 35	13 32	28 12		n.a.
T 19	13 52	2 18	2 12	19 21	1 44	8 6	4 54	22 46	2 45	24 56	0 55	10 51	1 33	11 8	0 46	25 0	1 14	4 23	2 55	13 35	13 33	28 11		n.a.
W20	13 31	4n16	3 17	18 49	1 39	8 28	4 58	22 53	2 43	24 56	0 55	10 50	1 33	11 7	0 46	25 0	1 14	4 24	2 55	13 35	13 34	28 11		n.a.
T 21	13 10	10 27	4 9	18 15	1 34	8 49	5 1	23 1	2 42	24 57	0 55	10 50	1 34	11 6	0 46	25 0	1 14	4 25	2 55	13 35	13 35	28 10		n.a.
F 22	12 49	16 1	4 46	17 41	1 29	9 10	5 5	23 8	2 40	24 57	0 56	10 50	1 34	11 4	0 46	25 0	1 14	4 25	2 55	13 35	13 36	28 9		n.a.
S 23	12 27	20 45	5 9	17 6	1 24	9 30	5 8	23 14	2 39	24 58	0 56	10 49	1 34	11 3	0 46	25 0	1 14	4 26	2 55	13 35	13 37	28 9		n.a.
S 24	12 5	24 29	5 17	16 31	1 19	9 49	5 11	23 21	2 37	24 58	0 56	10 49	1 34	11 1	0 46	25 0	1 14	4 27	2 55	13 35	13 39	28 8		n.a.
M25	11 43	27 4	5 11	15 54	1 13	10 8	5 14	23 28	2 36	24 59	0 56	10 49	1 34	11 0	0 46	25 0	1 14	4 28	2 54	13 35	13 40	28 7		n.a.
T 26	11 21	28 25	4 51	15 17	1 7	10 26	5 16	23 34	2 34	25 0	0 57	10 48	1 34	10 59	0 46	25 0	1 14	4 28	2 54	13 35	13 41	28 7		n.a.
W27	10 59	28 27	4 20	14 39	1 2	10 43	5 19	23 41	2 33	25 0	0 57	10 48	1 34	10 57	0 46	25 0	1 14	4 29	2 54	13 35	13 42	28 6		n.a.
T 28	10 36	27 10	3 37	14 0	0 56	11 0	5 21	23 47	2 31	25 1	0 57	10 47	1 34	10 56	0 46	25 0	1 14	4 30	2 54	13 35	13 43	28 5		n.a.
F 29	10 13	24 38	2 44	13 21	0 50	11 16	5 23	23 53	2 30	25 1	0 57	10 47	1 34	10 54	0 46	24 59	1 14	4 31	2 54	13 34	13 44	28 4		n.a.
S 30	9n50	21n 0	1n44	12n41	0n43	11s31	5s25	23s59	2s29	25n 2	0n58	10n46	1s34	10n53	0n46	24n59	1n14	4s31	2n54	13s34	13s45	28n 4		n.a.

Julian Day Number = 204417.5, Delta T = 32h04m11s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'04, Lahiri = -61°01'04 Julian Calendar 1 Sept. 4154 BCE == Greg. Calendar 30 July 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

OCTOBER 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 28 26	6♍17'49	18♌ 7	0♍57	16♎45	4♐42	26♊35	1°R12	4♍27	9♋38	17♎51	24♒58	24♒22	3♋39	n.a.	S 1
M 2	22 32 22	7°19'05	0♍34	2°32	17°16	5°20	26°42	1♉10	4°31	9°39	17°53	24°R58	24°19	3°46	n.a.	M 2
T 3	22 36 19	8°20'22	13°14	4° 7	17°45	5°57	26°50	1° 9	4°34	9°41	17°55	24°58	24°16	3°53	n.a.	T 3
W 4	22 40 15	9°21'39	26° 9	5°41	18°13	6°35	26°58	1° 6	4°38	9°42	17°56	24°56	24°13	3°59	n.a.	W 4
T 5	22 44 12	10°22'58	9♎18	7°16	18°39	7°13	27° 5	1° 4	4°42	9°43	17°58	24°54	24°10	4° 6	n.a.	T 5
F 6	22 48 8	11°24'17	22°41	8°50	19° 3	7°51	27°13	1° 2	4°46	9°45	18° 0	24°52	24° 6	4°13	n.a.	F 6
S 7	22 52 5	12°25'36	6♏15	10°25	19°25	8°30	27°20	1° 0	4°49	9°46	18° 2	24°49	24° 3	4°20	n.a.	S 7
S 8	22 56 1	13°26'57	20° 1	11°59	19°45	9° 8	27°27	0°57	4°53	9°47	18° 4	24°47	24° 0	4°26	n.a.	S 8
M 9	22 59 58	14°28'17	3♐57	13°34	20° 4	9°46	27°34	0°55	4°57	9°48	18° 5	24°46	23°57	4°33	n.a.	M 9
T 10	23 3 55	15°29'38	18° 1	15° 8	20°20	10°24	27°41	0°52	5° 0	9°50	18° 7	24°D46	23°54	4°40	n.a.	T 10
W11	23 7 51	16°30'59	2♑12	16°43	20°34	11° 3	27°48	0°49	5° 4	9°51	18° 9	24°46	23°50	4°46	n.a.	W11
T 12	23 11 48	17°32'20	16°29	18°18	20°46	11°41	27°54	0°47	5° 8	9°52	18°11	24°48	23°47	4°53	n.a.	T 12
F 13	23 15 44	18°33'42	0♒48	19°53	20°56	12°20	28° 1	0°44	5°11	9°53	18°13	24°49	23°44	5° 0	n.a.	F 13
S 14	23 19 41	19°35'04	15° 7	21°27	21° 4	12°58	28° 7	0°41	5°15	9°54	18°15	24°50	23°41	5° 6	n.a.	S 14
S 15	23 23 37	20°36'25	29°21	23° 2	21° 9	13°37	28°13	0°37	5°19	9°55	18°17	24°R51	23°38	5°13	n.a.	S 15
M16	23 27 34	21°37'47	13♓26	24°38	21°12	14°15	28°19	0°34	5°22	9°56	18°18	24°50	23°35	5°20	n.a.	M16
T 17	23 31 31	22°39'09	27°19	26°13	21°R12	14°54	28°24	0°31	5°26	9°57	18°20	24°47	23°31	5°26	n.a.	T 17
W18	23 35 27	23°40'32	10♈54	27°48	21°10	15°33	28°30	0°28	5°29	9°58	18°22	24°43	23°28	5°33	n.a.	W18
T 19	23 39 24	24°41'54	24°11	29°24	21° 5	16°12	28°35	0°24	5°33	9°59	18°24	24°38	23°25	5°40	n.a.	T 19
F 20	23 43 20	25°43'18	7♉ 7	1♎ 0	20°58	16°50	28°41	0°21	5°37	10° 0	18°26	24°33	23°22	5°47	n.a.	F 20
S 21	23 47 17	26°44'41	19°44	2°35	20°48	17°29	28°46	0°17	5°40	10° 1	18°28	24°27	23°19	5°53	n.a.	S 21
S 22	23 51 13	27°46'05	2♊ 4	4°12	20°36	18° 8	28°51	0°13	5°44	10° 1	18°30	24°23	23°16	6° 0	n.a.	S 22
M23	23 55 10	28°47'29	14° 9	5°48	20°21	18°47	28°55	0°10	5°47	10° 2	18°32	24°20	23°12	6° 7	n.a.	M23
T 24	23 59 7	29°48'53	26° 5	7°24	20° 4	19°26	29° 0	0° 6	5°51	10° 3	18°34	24°D19	23° 9	6°13	n.a.	T 24
W25	0 3 3	0♎50'18	7♋55	9° 1	19°45	20° 5	29° 4	0° 2	5°54	10° 3	18°36	24°19	23° 6	6°20	n.a.	W25
T 26	0 7 0	1°51'43	19°46	10°38	19°23	20°44	29° 9	29♈58	5°58	10° 4	18°38	24°21	23° 3	6°27	n.a.	T 26
F 27	0 10 56	2°53'08	1♌41	12°15	18°59	21°23	29°13	29°54	6° 1	10° 5	18°40	24°22	23° 0	6°33	n.a.	F 27
S 28	0 14 53	3°54'33	13°47	13°52	18°33	22° 2	29°17	29°50	6° 4	10° 5	18°42	24°24	22°56	6°40	n.a.	S 28
S 29	0 18 49	4°55'57	26° 7	15°29	18° 5	22°41	29°20	29°45	6° 8	10° 6	18°44	24°R24	22°53	6°47	n.a.	S 29
M30	0 22 46	5°57'22	8♍45	17° 6	17°35	23°20	29°24	29°41	6°11	10° 6	18°46	24°23	22°50	6°53	n.a.	M30
T 31	0 26 43	6♎58'47	21♍41	18♎43	17♎ 3	24♐ 0	29♊27	29♈37	6♍15	10♋ 7	18♎48	24♒20	22♒47	7♋ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	9n27	16n26	0n38	12n 1	0n37	11s45	5s26	24s 5	2s27	25n 2	0n58	10n45	1s34	10n52	0n46	24n59	1n14	4s32	2n53	13s34	13s46	28n 3			n.a.
M 2	9 4	11 6	0s31	11 21	0 31	11 59	5 28	24 11	2 26	25 2	0 58	10 45	1 34	10 50	0 46	24 59	1 14	4 33	2 53	13 34	13 47	28 2			n.a.
T 3	8 40	5 15	1 39	10 40	0 25	12 11	5 29	24 16	2 24	25 3	0 58	10 44	1 34	10 49	0 46	24 59	1 14	4 34	2 53	13 34	13 48	28 1			n.a.
W 4	8 17	0s56	2 44	9 58	0 18	12 23	5 29	24 22	2 23	25 3	0 59	10 43	1 34	10 47	0 46	24 59	1 14	4 35	2 53	13 34	13 49	28 1			n.a.
T 5	7 53	7 9	3 41	9 16	0 12	12 33	5 30	24 27	2 21	25 4	0 59	10 42	1 34	10 46	0 46	24 59	1 14	4 35	2 53	13 35	13 50	28 0			n.a.
F 6	7 29	13 10	4 27	8 34	0 6	12 43	5 30	24 32	2 20	25 4	0 59	10 41	1 35	10 45	0 46	24 59	1 15	4 36	2 53	13 36	13 52	27 59			n.a.
S 7	7 5	18 40	4 59	7 52	0s 1	12 52	5 30	24 37	2 19	25 5	0 59	10 40	1 35	10 43	0 46	24 59	1 15	4 37	2 53	13 37	13 53	27 58			n.a.
S 8	6 41	23 16	5 14	7 9	0 7	12 59	5 29	24 42	2 17	25 5	1 0	10 40	1 35	10 42	0 46	24 59	1 15	4 38	2 52	13 38	13 54	27 57			n.a.
M 9	6 17	26 37	5 11	6 26	0 13	13 5	5 28	24 47	2 16	25 6	1 0	10 39	1 35	10 40	0 46	24 59	1 15	4 39	2 52	13 38	13 55	27 57			n.a.
T 10	5 52	28 22	4 50	5 43	0 20	13 11	5 27	24 51	2 14	25 6	1 0	10 38	1 35	10 39	0 46	24 59	1 15	4 40	2 52	13 38	13 56	27 56			n.a.
W11	5 28	28 16	4 10	4 59	0 26	13 15	5 25	24 56	2 13	25 6	1 1	10 37	1 35	10 38	0 46	24 59	1 15	4 40	2 52	13 38	13 57	27 55			n.a.
T 12	5 3	26 18	3 16	4 16	0 32	13 17	5 23	25 0	2 12	25 7	1 1	10 36	1 35	10 36	0 46	24 59	1 15	4 41	2 52	13 37	13 58	27 54			n.a.
F 13	4 39	22 38	2 8	3 32	0 38	13 19	5 20	25 4	2 10	25 7	1 1	10 34	1 35	10 35	0 46	24 59	1 15	4 42	2 52	13 37	13 59	27 53			n.a.
S 14	4 14	17 36	0 53	2 48	0 44	13 19	5 17	25 8	2 9	25 7	1 1	10 33	1 35	10 34	0 46	24 59	1 15	4 43	2 52	13 36	14 0	27 52			n.a.
S 15	3 49	11 38	0n25	2 5	0 50	13 17	5 13	25 11	2 8	25 8	1 2	10 32	1 35	10 32	0 46	24 59	1 15	4 44	2 51	13 36	14 1	27 52			n.a.
M16	3 25	5 9	1 40	1 21	0 56	13 15	5 9	25 15	2 6	25 8	1 2	10 31	1 35	10 31	0 46	24 59	1 15	4 45	2 51	13 37	14 2	27 51			n.a.
T 17	3 0	1n28	2 49	0 37	1 2	13 10	5 5	25 18	2 5	25 9	1 2	10 30	1 35	10 30	0 46	24 59	1 15	4 46	2 51	13 38	14 3	27 50			n.a.
W18	2 35	7 53	3 46	0s 7	1 7	13 5	4 59	25 21	2 4	25 9	1 3	10 29	1 35	10 28	0 46	24 59	1 15	4 46	2 51	13 39	14 5	27 49			n.a.
T 19	2 10	13 47	4 29	0 51	1 13	12 58	4 54	25 24	2 2	25 9	1 3	10 27	1 35	10 27	0 46	24 59	1 15	4 47	2 51	13 41	14 6	27 48			n.a.
F 20	1 45	18 57	4 58	1 35	1 18	12 49	4 47	25 27	2 1	25 10	1 3	10 26	1 35	10 25	0 46	24 59	1 15	4 48	2 51	13 43	14 7	27 47			n.a.
S 21	1 20	23 8	5 11	2 19	1 23	12 39	4 40	25 29	2 0	25 10	1 3	10 25	1 35	10 24	0 46	24 59	1 15	4 49	2 51	13 44	14 8	27 46			n.a.
S 22	0 55	26 12	5 9	3 3	1 28	12 27	4 33	25 32	1 58	25 10	1 4	10 23	1 35	10 23	0 46	24 59	1 15	4 50	2 50	13 46	14 9	27 45			n.a.
M23	0 30	28 0	4 54	3 46	1 32	12 14	4 25	25 34	1 57	25 11	1 4	10 22	1 35	10 22	0 46	24 59	1 15	4 51	2 50	13 47	14 10	27 44			n.a.
T 24	0 5	28 29	4 26	4 30	1 37	11 59	4 16	25 36	1 56	25 11	1 4	10 21	1 35	10 20	0 46	24 59	1 15	4 52	2 50	13 47	14 11	27 43			n.a.
W25	0s21	27 38	3 46	5 13	1 41	11 43	4 6	25 38	1 54	25 11	1 5	10 19	1 35	10 19	0 46	24 59	1 16	4 53	2 50	13 47	14 12	27 42			n.a.
T 26	0 46	25 32	2 57	5 56	1 45	11 25	3 56	25 40	1 53	25 12	1 5	10 18	1 35	10 18	0 46	24 59	1 16	4 54	2 50	13 47	14 13	27 42			n.a.
F 27	1 11	22 18	2 0	6 38	1 49	11 6	3 46	25 41	1 52	25 12	1 5	10 16	1 35	10 16	0 46	24 59	1 16	4 54	2 50	13 46	14 14	27 41			n.a.
S 28	1 36	18 4	0 57	7 20	1 52	10 45	3 35	25 42	1 50	25 12	1 6	10 15	1 35	10 15	0 46	24 59	1 16	4 55	2 50	13 46	14 15	27 40			n.a.
S 29	2 1	13 1	0s 9	8 1	1 55	10 23	3 23	25 43	1 49	25 13	1 6	10 13	1 35	10 14	0 46	24 59	1 16	4 56	2 50	13 45	14 16	27 39			n.a.
M30	2 26	7 20	1 17	8 42	1 58	10 0	3 10	25 44	1 48	25 13	1 6	10 12	1 35	10 12	0 46	24 59	1 16	4 57	2 49	13 46	14 17	27 38			n.a.
T 31	2s51	1n13	2s22	9s23	2s 0	9s36	2s58	25s45	1s47	25n13	1n 6	10n10	1s35	10n11	0n46	24n59	1n16	4s58	2n49	13s47	14s18	27n37			n.a.

Julian Day Number = 204447.5, Delta T = 32h04m08s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°08'00, Lahiri = -61°01'00 Julian Calendar 1 Oct. 4154 BCE == Greg. Calendar 29 Aug. 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

NOVEMBER 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 30 39	8♎ 0'11	4♎58	20♎20	16°R30	24♐39	29♊30	29°R32	6♍18	10♋ 7	18♎50	24°R15	22♒44	7♋ 7	n.a.	W 1
T 2	0 34 36	9° 1'35	18°33	21°57	15♎56	25°18	29°33	29♈28	6°21	10° 8	18°53	24♒ 8	22°41	7°13	n.a.	T 2
F 3	0 38 32	10° 2'58	2♏24	23°33	15°21	25°57	29°36	29°23	6°24	10° 8	18°55	24° 0	22°37	7°20	n.a.	F 3
S 4	0 42 29	11° 4'21	16°27	25° 9	14°44	26°37	29°39	29°19	6°28	10° 9	18°57	23°52	22°34	7°27	n.a.	S 4
S 5	0 46 25	12° 5'44	0♐37	26°44	14° 8	27°16	29°41	29°14	6°31	10° 9	18°59	23°44	22°31	7°34	n.a.	S 5
M 6	0 50 22	13° 7'05	14°50	28°19	13°31	27°55	29°44	29°10	6°34	10° 9	19° 1	23°39	22°28	7°40	n.a.	M 6
T 7	0 54 19	14° 8'26	29° 2	29°52	12°54	28°35	29°46	29° 5	6°37	10° 9	19° 3	23°36	22°25	7°47	n.a.	T 7
W 8	0 58 15	15° 9'46	13♑12	1♏24	12°17	29°14	29°47	29° 0	6°40	10°10	19° 5	23°D35	22°21	7°54	n.a.	W 8
T 9	1 2 12	16°11'04	27°16	2°55	11°41	29°54	29°49	28°56	6°43	10°10	19° 7	23°35	22°18	8° 0	n.a.	T 9
F 10	1 6 8	17°12'22	11♒15	4°23	11° 5	0♑33	29°51	28°51	6°47	10°10	19° 9	23°36	22°15	8° 7	n.a.	F 10
S 11	1 10 5	18°13'39	25° 8	5°50	10°31	1°12	29°52	28°46	6°50	10°10	19°11	23°R37	22°12	8°14	n.a.	S 11
S 12	1 14 2	19°14'54	8♓54	7°13	9°58	1°52	29°53	28°41	6°53	10°10	19°13	23°35	22° 9	8°20	n.a.	S 12
M13	1 17 58	20°16'09	22°31	8°33	9°26	2°31	29°54	28°36	6°56	10°10	19°16	23°32	22° 6	8°27	n.a.	M13
T 14	1 21 55	21°17'22	5♈59	9°49	8°55	3°11	29°55	28°32	6°58	10°R10	19°18	23°26	22° 2	8°34	n.a.	T 14
W15	1 25 51	22°18'34	19°14	11° 0	8°27	3°50	29°55	28°27	7° 1	10°10	19°20	23°17	21°59	8°40	n.a.	W15
T 16	1 29 48	23°19'46	2♉16	12° 6	8° 0	4°30	29°56	28°22	7° 4	10°10	19°22	23° 6	21°56	8°47	n.a.	T 16
F 17	1 33 44	24°20'56	15° 3	13° 5	7°36	5° 9	29°R56	28°17	7° 7	10°10	19°24	22°54	21°53	8°54	n.a.	F 17
S 18	1 37 41	25°22'06	27°35	13°58	7°14	5°49	29°56	28°12	7°10	10°10	19°26	22°43	21°50	9° 0	n.a.	S 18
S 19	1 41 38	26°23'15	9♊52	14°42	6°54	6°28	29°55	28° 7	7°13	10°10	19°28	22°33	21°47	9° 7	n.a.	S 19
M20	1 45 34	27°24'22	21°57	15°18	6°37	7° 8	29°55	28° 2	7°15	10°10	19°30	22°24	21°43	9°14	n.a.	M20
T 21	1 49 31	28°25'29	3♋52	15°44	6°22	7°47	29°54	27°57	7°18	10° 9	19°32	22°19	21°40	9°20	n.a.	T 21
W22	1 53 27	29°26'35	15°41	16° 0	6° 9	8°27	29°54	27°52	7°21	10° 9	19°34	22°16	21°37	9°27	n.a.	W22
T 23	1 57 24	0♏27'40	27°31	16°R 5	5°59	9° 6	29°53	27°47	7°23	10° 9	19°36	22°D14	21°34	9°34	n.a.	T 23
F 24	2 1 20	1°28'44	9♌25	15°59	5°52	9°46	29°51	27°42	7°26	10° 8	19°39	22°15	21°31	9°41	n.a.	F 24
S 25	2 5 17	2°29'47	21°30	15°41	5°47	10°25	29°50	27°37	7°28	10° 8	19°41	22°R15	21°27	9°47	n.a.	S 25
S 26	2 9 14	3°30'49	3♍50	15°12	5°D45	11° 5	29°48	27°32	7°31	10° 8	19°43	22°14	21°24	9°54	n.a.	S 26
M27	2 13 10	4°31'49	16°31	14°32	5°45	11°44	29°47	27°28	7°33	10° 7	19°45	22°12	21°21	10° 1	n.a.	M27
T 28	2 17 7	5°32'49	29°35	13°42	5°47	12°24	29°45	27°23	7°36	10° 7	19°47	22° 7	21°18	10° 7	n.a.	T 28
W29	2 21 3	6°33'47	13♎ 5	12°44	5°52	13° 4	29°42	27°18	7°38	10° 6	19°49	21°59	21°15	10°14	n.a.	W29
T 30	2 25 0	7♏34'44	27♎ 0	11♏40	5♎59	13♑43	29♊40	27♈13	7♍40	10♋ 6	19♎51	21♒48	21♒12	10♋21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s16	5 s 6	3 s21	10 s 2	2 s 2	9 s11	2 s44	25 s46	1 s45	25n14	1n 7	10n 9	1 s35	10n10	0n46	24n59	1n16	4 s59	2n49	13 s49	14 s20	27n36		n.a.
T 2	3 41	11 19	4 11	10 41	2 4	8 44	2 30	25 46	1 44	25 14	1 7	10 7	1 35	10 9	0 46	24 59	1 16	5 0	2 49	13 51	14 21	27 35		n.a.
F 3	4 5	17 6	4 46	11 19	2 4	8 17	2 16	25 46	1 43	25 14	1 7	10 6	1 35	10 8	0 46	24 59	1 16	5 1	2 49	13 54	14 22	27 34		n.a.
S 4	4 30	22 4	5 5	11 56	2 5	7 50	2 2	25 46	1 42	25 15	1 8	10 4	1 35	10 6	0 46	24 59	1 16	5 2	2 49	13 57	14 23	27 33		n.a.
S 5	4 55	25 49	5 5	12 31	2 5	7 21	1 47	25 46	1 40	25 15	1 8	10 2	1 35	10 5	0 46	24 59	1 16	5 3	2 49	13 59	14 24	27 32		n.a.
M 6	5 19	27 58	4 47	13 6	2 4	6 53	1 32	25 45	1 39	25 15	1 8	10 1	1 35	10 4	0 46	24 59	1 16	5 4	2 49	14 1	14 25	27 31		n.a.
T 7	5 44	28 17	4 11	13 39	2 3	6 24	1 16	25 44	1 38	25 16	1 9	9 59	1 35	10 3	0 46	24 59	1 16	5 4	2 49	14 2	14 26	27 30		n.a.
W 8	6 8	26 45	3 20	14 10	2 0	5 55	1 1	25 44	1 37	25 16	1 9	9 57	1 35	10 2	0 46	24 59	1 16	5 5	2 49	14 2	14 27	27 28		n.a.
T 9	6 32	23 31	2 17	14 40	1 58	5 26	0 45	25 43	1 36	25 16	1 9	9 56	1 35	10 0	0 46	24 59	1 16	5 6	2 48	14 2	14 28	27 27		n.a.
F 10	6 56	18 56	1 6	15 7	1 54	4 58	0 30	25 41	1 34	25 17	1 10	9 54	1 35	9 59	0 46	24 59	1 16	5 7	2 48	14 2	14 29	27 26		n.a.
S 11	7 21	13 23	0n 8	15 33	1 49	4 30	0 15	25 40	1 33	25 17	1 10	9 52	1 35	9 58	0 46	24 59	1 16	5 8	2 48	14 2	14 30	27 25		n.a.
S 12	7 44	7 13	1 21	15 56	1 44	4 3	0n 0	25 38	1 32	25 17	1 10	9 51	1 34	9 57	0 47	24 59	1 17	5 9	2 48	14 2	14 31	27 24		n.a.
M13	8 8	0 47	2 28	16 17	1 37	3 36	0 15	25 36	1 31	25 18	1 11	9 49	1 34	9 56	0 47	24 59	1 17	5 10	2 48	14 3	14 32	27 23		n.a.
T 14	8 32	5n35	3 26	16 35	1 30	3 10	0 30	25 34	1 30	25 18	1 11	9 47	1 34	9 55	0 47	24 59	1 17	5 11	2 48	14 5	14 33	27 22		n.a.
W15	8 55	11 36	4 12	16 50	1 21	2 46	0 44	25 32	1 29	25 18	1 11	9 46	1 34	9 54	0 47	24 59	1 17	5 12	2 48	14 8	14 34	27 21		n.a.
T 16	9 19	17 1	4 44	17 1	1 11	2 22	0 58	25 30	1 27	25 19	1 12	9 44	1 34	9 53	0 47	24 59	1 17	5 13	2 48	14 12	14 35	27 20		n.a.
F 17	9 42	21 34	5 0	17 10	1 0	2 0	1 12	25 27	1 26	25 19	1 12	9 42	1 34	9 52	0 47	24 59	1 17	5 13	2 48	14 16	14 37	27 19		n.a.
S 18	10 5	25 4	5 2	17 14	0 48	1 39	1 25	25 24	1 25	25 19	1 12	9 40	1 34	9 51	0 47	24 59	1 17	5 14	2 48	14 20	14 38	27 18		n.a.
S 19	10 28	27 20	4 50	17 15	0 35	1 19	1 38	25 21	1 24	25 20	1 13	9 39	1 34	9 49	0 47	24 59	1 17	5 15	2 47	14 23	14 39	27 16		n.a.
M20	10 50	28 16	4 24	17 12	0 20	1 1	1 50	25 18	1 23	25 20	1 13	9 37	1 34	9 48	0 47	25 0	1 17	5 16	2 47	14 26	14 40	27 15		n.a.
T 21	11 13	27 51	3 48	17 5	0 4	0 44	2 2	25 14	1 22	25 20	1 13	9 35	1 34	9 47	0 47	25 0	1 17	5 17	2 47	14 28	14 41	27 14		n.a.
W22	11 35	26 10	3 2	16 54	0n13	0 29	2 13	25 11	1 21	25 21	1 14	9 34	1 34	9 46	0 47	25 0	1 17	5 18	2 47	14 29	14 42	27 13		n.a.
T 23	11 57	23 20	2 8	16 38	0 30	0 15	2 24	25 7	1 19	25 21	1 14	9 32	1 34	9 46	0 47	25 0	1 17	5 19	2 47	14 29	14 43	27 12		n.a.
F 24	12 19	19 29	1 8	16 18	0 49	0 3	2 34	25 3	1 18	25 21	1 14	9 30	1 33	9 45	0 47	25 0	1 17	5 20	2 47	14 29	14 44	27 11		n.a.
S 25	12 41	14 48	0 4	15 55	1 8	0n 8	2 44	24 59	1 17	25 22	1 15	9 28	1 33	9 44	0 47	25 0	1 17	5 20	2 47	14 29	14 45	27 10		n.a.
S 26	13 2	9 26	1 s 1	15 28	1 27	0 18	2 53	24 54	1 16	25 22	1 15	9 27	1 33	9 43	0 47	25 0	1 17	5 21	2 47	14 29	14 46	27 8		n.a.
M27	13 23	3 33	2 5	14 58	1 46	0 26	3 2	24 50	1 15	25 22	1 15	9 25	1 33	9 42	0 47	25 0	1 17	5 22	2 47	14 30	14 47	27 7		n.a.
T 28	13 44	2 s38	3 4	14 25	2 5	0 32	3 10	24 45	1 14	25 22	1 16	9 23	1 33	9 41	0 47	25 0	1 17	5 23	2 47	14 32	14 48	27 6		n.a.
W29	14 5	8 54	3 55	13 50	2 23	0 37	3 18	24 40	1 13	25 23	1 16	9 22	1 33	9 40	0 47	25 0	1 17	5 24	2 47	14 35	14 49	27 5		n.a.
T 30	14 s26	14 s55	4 s33	13 s14	2n40	0n40	3n25	24 s35	1 s12	25n23	1n16	9n20	1 s33	9n39	0n47	25n 0	1n17	5 s25	2n47	14 s38	14 s50	27n 4		n.a.

Julian Day Number = 204478.5, Delta T = 32h04m05s
Ecliptic obliquity = 24°06'57, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'56, Lahiri = -61°00'55 Julian Calendar 1 Nov. 4154 BCE == Greg. Calendar 29 Sept. 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4154 BCE
geocentric

DECEMBER 4154 BCE (-4153) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 28 56	8♏35'39	11♏16	10°R30	6♎ 9	14♑23	29°R37	27°R 8	7♍43	10°R 5	19♎53	21°R37	21♒ 8	10♋27	n.a.	F 1
S 2	2 32 53	9°36'33	25°47	9♏17	6°21	15° 2	29♊35	27♈ 3	7°45	10♋ 5	19°55	21♒25	21° 5	10°34	n.a.	S 2
S 3	2 36 50	10°37'26	10♐26	8° 4	6°35	15°42	29°32	26°59	7°47	10° 4	19°57	21°13	21° 2	10°41	n.a.	S 3
M 4	2 40 46	11°38'17	25° 5	6°52	6°51	16°21	29°29	26°54	7°49	10° 3	19°59	21° 5	20°59	10°47	n.a.	M 4
T 5	2 44 43	12°39'05	9♑38	5°44	7° 9	17° 1	29°25	26°49	7°51	10° 3	20° 1	20°59	20°56	10°54	n.a.	T 5
W 6	2 48 39	13°39'52	24° 0	4°40	7°29	17°41	29°22	26°45	7°53	10° 2	20° 3	20°56	20°53	11° 1	n.a.	W 6
T 7	2 52 36	14°40'37	8♒ 8	3°42	7°51	18°20	29°18	26°40	7°55	10° 1	20° 5	20°55	20°49	11° 7	n.a.	T 7
F 8	2 56 33	15°41'20	22° 2	2°51	8°14	19° 0	29°15	26°36	7°57	10° 0	20° 7	20°55	20°46	11°14	n.a.	F 8
S 9	3 0 29	16°42'01	5♓42	2° 8	8°40	19°39	29°11	26°31	7°59	10° 0	20° 9	20°54	20°43	11°21	n.a.	S 9
S 10	3 4 26	17°42'40	19° 8	1°32	9° 7	20°19	29° 6	26°27	8° 1	9°59	20°10	20°52	20°40	11°27	n.a.	S 10
M11	3 8 22	18°43'16	2♈23	1° 5	9°36	20°58	29° 2	26°22	8° 3	9°58	20°12	20°47	20°37	11°34	n.a.	M11
T 12	3 12 19	19°43'51	15°27	0°46	10° 6	21°38	28°58	26°18	8° 5	9°57	20°14	20°39	20°33	11°41	n.a.	T 12
W13	3 16 15	20°44'23	28°20	0°34	10°38	22°17	28°53	26°14	8° 7	9°56	20°16	20°28	20°30	11°47	n.a.	W13
T 14	3 20 12	21°44'54	11♉ 3	0°D30	11°11	22°57	28°48	26°10	8° 8	9°55	20°18	20°15	20°27	11°54	n.a.	T 14
F 15	3 24 8	22°45'23	23°34	0°33	11°46	23°36	28°43	26° 5	8°10	9°54	20°20	20° 1	20°24	12° 1	n.a.	F 15
S 16	3 28 5	23°45'50	5♊54	0°43	12°22	24°16	28°38	26° 1	8°11	9°53	20°22	19°47	20°21	12° 7	n.a.	S 16
S 17	3 32 2	24°46'15	18° 3	0°59	13° 0	24°55	28°33	25°57	8°13	9°52	20°23	19°34	20°18	12°14	n.a.	S 17
M18	3 35 58	25°46'38	0♋ 3	1°21	13°38	25°35	28°27	25°53	8°14	9°51	20°25	19°23	20°14	12°21	n.a.	M18
T 19	3 39 55	26°46'59	11°56	1°48	14°18	26°14	28°22	25°49	8°16	9°50	20°27	19°15	20°11	12°28	n.a.	T 19
W20	3 43 51	27°47'19	23°44	2°20	14°59	26°54	28°16	25°46	8°17	9°49	20°29	19°10	20° 8	12°34	n.a.	W20
T 21	3 47 48	28°47'36	5♌33	2°56	15°41	27°33	28°10	25°42	8°19	9°48	20°31	19° 8	20° 5	12°41	n.a.	T 21
F 22	3 51 44	29°47'52	17°25	3°37	16°24	28°12	28° 4	25°38	8°20	9°47	20°32	19°D 7	20° 2	12°48	n.a.	F 22
S 23	3 55 41	0♐48'06	29°27	4°22	17° 9	28°52	27°58	25°35	8°21	9°46	20°34	19°R 7	19°59	12°54	n.a.	S 23
S 24	3 59 38	1°48'19	11♍45	5°11	17°54	29°31	27°52	25°31	8°22	9°44	20°36	19° 7	19°55	13° 1	n.a.	S 24
M25	4 3 34	2°48'29	24°23	6° 3	18°40	0♒11	27°46	25°28	8°23	9°43	20°37	19° 5	19°52	13° 8	n.a.	M25
T 26	4 7 31	3°48'38	7♎27	6°58	19°27	0°50	27°39	25°24	8°24	9°42	20°39	19° 1	19°49	13°14	n.a.	T 26
W27	4 11 27	4°48'44	20°58	7°56	20°15	1°29	27°32	25°21	8°25	9°41	20°41	18°54	19°46	13°21	n.a.	W27
T 28	4 15 24	5°48'49	4♏59	8°56	21° 3	2° 9	27°26	25°18	8°26	9°39	20°42	18°45	19°43	13°28	n.a.	T 28
F 29	4 19 20	6°48'52	19°26	9°59	21°53	2°48	27°19	25°15	8°27	9°38	20°44	18°34	19°39	13°34	n.a.	F 29
S 30	4 23 17	7°48'53	4♐13	11° 5	22°43	3°28	27°12	25°12	8°28	9°37	20°45	18°23	19°36	13°41	n.a.	S 30
S 31	4 27 13	8♐48'52	19♐14	12♏13	23♎34	4♒ 7	27♊ 5	25♈ 9	8♍29	9♋35	20♎47	18♒13	19♒33	13♋48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s46	20s18	4s56	12s37	2n55	0n43	3n32	24s29	1s11	25n23	1n17	9n18	1s33	9n38	0n47	25n 0	1n18	5s26	2n47	14s42	14s51	27n 2		n.a.
S 2	15 6	24 35	5 0	12 2	3 8	0 44	3 38	24 24	1 10	25 24	1 17	9 17	1 32	9 37	0 47	25 1	1 18	5 26	2 46	14 46	14 52	27 1		n.a.
S 3	15 26	27 19	4 44	11 27	3 20	0 43	3 43	24 18	1 9	25 24	1 17	9 15	1 32	9 37	0 47	25 1	1 18	5 27	2 46	14 50	14 53	27 0		n.a.
M 4	15 45	28 11	4 10	10 55	3 29	0 42	3 49	24 12	1 8	25 24	1 17	9 14	1 32	9 36	0 47	25 1	1 18	5 28	2 46	14 52	14 54	26 59		n.a.
T 5	16 4	27 4	3 19	10 26	3 35	0 39	3 54	24 6	1 7	25 25	1 18	9 12	1 32	9 35	0 47	25 1	1 18	5 29	2 46	14 54	14 55	26 57		n.a.
W 6	16 23	24 10	2 17	10 0	3 40	0 35	3 58	24 0	1 6	25 25	1 18	9 10	1 32	9 34	0 47	25 1	1 18	5 30	2 46	14 55	14 56	26 56		n.a.
T 7	16 42	19 49	1 7	9 38	3 42	0 30	4 2	23 53	1 5	25 25	1 18	9 9	1 32	9 34	0 47	25 1	1 18	5 31	2 46	14 56	14 57	26 55		n.a.
F 8	17 0	14 28	0n 6	9 20	3 42	0 24	4 6	23 46	1 3	25 26	1 19	9 7	1 32	9 33	0 47	25 1	1 18	5 31	2 46	14 56	14 59	26 54		n.a.
S 9	17 18	8 29	1 17	9 6	3 41	0 16	4 9	23 40	1 2	25 26	1 19	9 6	1 31	9 32	0 47	25 1	1 18	5 32	2 46	14 56	15 0	26 52		n.a.
S 10	17 35	2 14	2 23	8 57	3 38	0 8	4 12	23 33	1 1	25 26	1 19	9 4	1 31	9 31	0 47	25 1	1 18	5 33	2 46	14 57	15 1	26 51		n.a.
M11	17 53	4n 1	3 20	8 52	3 33	0s 1	4 15	23 25	1 0	25 26	1 20	9 3	1 31	9 31	0 47	25 2	1 18	5 34	2 46	14 58	15 2	26 50		n.a.
T 12	18 10	10 0	4 6	8 50	3 27	0 11	4 17	23 18	0 59	25 27	1 20	9 1	1 31	9 30	0 47	25 2	1 18	5 34	2 46	15 1	15 3	26 48		n.a.
W13	18 26	15 29	4 38	8 52	3 20	0 22	4 19	23 10	0 58	25 27	1 20	9 0	1 31	9 30	0 47	25 2	1 18	5 35	2 46	15 4	15 4	26 47		n.a.
T 14	18 43	20 13	4 56	8 58	3 13	0 34	4 21	23 3	0 57	25 27	1 21	8 59	1 31	9 29	0 47	25 2	1 18	5 36	2 46	15 9	15 5	26 46		n.a.
F 15	18 59	24 0	4 59	9 7	3 4	0 47	4 22	22 55	0 56	25 27	1 21	8 57	1 30	9 28	0 48	25 2	1 18	5 37	2 46	15 13	15 6	26 44		n.a.
S 16	19 14	26 37	4 48	9 19	2 56	1 0	4 23	22 47	0 56	25 28	1 21	8 56	1 30	9 28	0 48	25 2	1 18	5 38	2 46	15 18	15 7	26 43		n.a.
S 17	19 30	27 56	4 24	9 33	2 46	1 14	4 24	22 39	0 55	25 28	1 21	8 55	1 30	9 27	0 48	25 2	1 18	5 38	2 46	15 22	15 8	26 42		n.a.
M18	19 45	27 55	3 48	9 50	2 36	1 29	4 24	22 30	0 54	25 28	1 22	8 53	1 30	9 27	0 48	25 2	1 18	5 39	2 46	15 25	15 9	26 40		n.a.
T 19	19 59	26 36	3 3	10 9	2 26	1 45	4 25	22 22	0 53	25 28	1 22	8 52	1 30	9 26	0 48	25 3	1 18	5 40	2 46	15 28	15 10	26 39		n.a.
W20	20 13	24 6	2 10	10 30	2 16	2 1	4 25	22 13	0 52	25 28	1 22	8 51	1 29	9 26	0 48	25 3	1 18	5 40	2 45	15 30	15 11	26 38		n.a.
T 21	20 27	20 34	1 11	10 52	2 6	2 18	4 24	22 4	0 51	25 29	1 22	8 50	1 29	9 25	0 48	25 3	1 19	5 41	2 45	15 30	15 12	26 36		n.a.
F 22	20 41	16 12	0 9	11 16	1 56	2 35	4 24	21 55	0 50	25 29	1 23	8 48	1 29	9 25	0 48	25 3	1 19	5 42	2 45	15 31	15 13	26 35		n.a.
S 23	20 54	11 8	0s55	11 41	1 45	2 53	4 23	21 46	0 49	25 29	1 23	8 47	1 29	9 24	0 48	25 3	1 19	5 43	2 45	15 31	15 14	26 34		n.a.
S 24	21 6	5 33	1 57	12 8	1 35	3 11	4 22	21 36	0 48	25 29	1 23	8 46	1 29	9 24	0 48	25 3	1 19	5 43	2 45	15 31	15 15	26 32		n.a.
M25	21 18	0s23	2 55	12 35	1 25	3 30	4 21	21 27	0 47	25 29	1 23	8 45	1 28	9 24	0 48	25 3	1 19	5 44	2 45	15 31	15 16	26 31		n.a.
T 26	21 30	6 29	3 47	13 3	1 15	3 49	4 20	21 17	0 46	25 29	1 24	8 44	1 28	9 23	0 48	25 3	1 19	5 45	2 45	15 33	15 17	26 29		n.a.
W27	21 42	12 31	4 27	13 32	1 5	4 9	4 19	21 7	0 45	25 29	1 24	8 43	1 28	9 23	0 48	25 4	1 19	5 45	2 45	15 35	15 18	26 28		n.a.
T 28	21 53	18 8	4 53	14 1	0 55	4 29	4 17	20 57	0 44	25 30	1 24	8 42	1 28	9 22	0 48	25 4	1 19	5 46	2 45	15 38	15 19	26 27		n.a.
F 29	22 3	22 54	5 2	14 31	0 45	4 50	4 15	20 47	0 43	25 30	1 24	8 41	1 28	9 22	0 48	25 4	1 19	5 47	2 45	15 41	15 20	26 25		n.a.
S 30	22 14	26 20	4 50	15 1	0 35	5 10	4 13	20 37	0 42	25 30	1 25	8 40	1 27	9 22	0 48	25 4	1 19	5 47	2 45	15 45	15 21	26 24		n.a.
S 31	22s23	27s58	4s19	15s31	0n26	5s31	4n11	20s27	0s42	25n30	1n25	8n39	1s27	9n22	0n48	25n 4	1n19	5s48	2n45	15s48	15s22	26n22		n.a.

Julian Day Number = 204508.5, Delta T = 32h04m02s
Ecliptic obliquity = 24°06'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'52, Lahiri = -61°00'51 Julian Calendar 1 Dec. 4154 BCE == Greg. Calendar 29 Oct. 4154 BCE

The year -4153 astronomical counting style corresponds to year 4154 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

JANUARY 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 31 10	9♐48'48	4♉17	13♏22	24♎25	4♒46	26°R58	25°R 6	8♍30	9°R34	20♎48	18°R 5	19♒30	13♋54	n.a.	M 1
T 2	4 35 7	10°48'42	19°14	14°34	25°18	5°26	26♊51	25♈ 4	8°30	9♋33	20°50	17♒59	19°27	14° 1	n.a.	T 2
W 3	4 39 3	11°48'34	3♒57	15°48	26°11	6° 5	26°44	25° 1	8°31	9°31	20°51	17°56	19°24	14° 8	n.a.	W 3
T 4	4 43 0	12°48'23	18°20	17° 3	27° 4	6°44	26°36	24°59	8°32	9°30	20°53	17°D56	19°20	14°14	n.a.	T 4
F 5	4 46 56	13°48'10	2♓23	18°20	27°58	7°23	26°29	24°56	8°32	9°28	20°54	17°56	19°17	14°21	n.a.	F 5
S 6	4 50 53	14°47'54	16° 4	19°39	28°53	8° 3	26°21	24°54	8°33	9°27	20°56	17°R56	19°14	14°28	n.a.	S 6
S 7	4 54 49	15°47'35	29°25	20°59	29°48	8°42	26°14	24°52	8°33	9°26	20°57	17°56	19°11	14°34	n.a.	S 7
M 8	4 58 46	16°47'14	12♈29	22°21	0♏43	9°21	26° 6	24°50	8°33	9°24	20°58	17°53	19° 8	14°41	n.a.	M 8
T 9	5 2 42	17°46'50	25°18	23°44	1°40	10° 0	25°59	24°48	8°34	9°23	21° 0	17°47	19° 4	14°48	n.a.	T 9
W10	5 6 39	18°46'24	7♉54	25° 9	2°36	10°40	25°51	24°46	8°34	9°21	21° 1	17°39	19° 1	14°54	n.a.	W10
T 11	5 10 35	19°45'56	20°19	26°35	3°33	11°19	25°43	24°44	8°34	9°20	21° 2	17°29	18°58	15° 1	n.a.	T 11
F 12	5 14 32	20°45'25	2♊35	28° 3	4°31	11°58	25°36	24°42	8°34	9°18	21° 4	17°18	18°55	15° 8	n.a.	F 12
S 13	5 18 29	21°44'51	14°42	29°32	5°29	12°37	25°28	24°41	8°34	9°16	21° 5	17° 8	18°52	15°14	n.a.	S 13
S 14	5 22 25	22°44'16	26°42	1♐ 2	6°27	13°16	25°20	24°39	8°R34	9°15	21° 6	16°58	18°49	15°21	n.a.	S 14
M15	5 26 22	23°43'38	8♋36	2°33	7°26	13°55	25°12	24°38	8°34	9°13	21° 7	16°49	18°45	15°28	n.a.	M15
T 16	5 30 18	24°42'58	20°26	4° 6	8°25	14°34	25° 5	24°36	8°34	9°12	21° 8	16°44	18°42	15°34	n.a.	T 16
W17	5 34 15	25°42'16	2♌13	5°40	9°25	15°13	24°57	24°35	8°34	9°10	21°10	16°40	18°39	15°41	n.a.	W17
T 18	5 38 11	26°41'31	14° 2	7°16	10°25	15°53	24°49	24°34	8°34	9° 9	21°11	16°D39	18°36	15°48	n.a.	T 18
F 19	5 42 8	27°40'45	25°56	8°53	11°25	16°32	24°41	24°33	8°34	9° 7	21°12	16°39	18°33	15°54	n.a.	F 19
S 20	5 46 4	28°39'56	7♍59	10°31	12°26	17°11	24°33	24°32	8°34	9° 5	21°13	16°40	18°30	16° 1	n.a.	S 20
S 21	5 50 1	29°39'05	20°15	12°10	13°27	17°50	24°26	24°32	8°33	9° 4	21°14	16°42	18°26	16° 8	n.a.	S 21
M22	5 53 57	0♉38'12	2♎51	13°51	14°28	18°29	24°18	24°31	8°33	9° 2	21°15	16°R42	18°23	16°14	n.a.	M22
T 23	5 57 54	1°37'18	15°50	15°33	15°29	19° 8	24°10	24°31	8°32	9° 1	21°16	16°41	18°20	16°21	n.a.	T 23
W24	6 1 50	2°36'21	29°15	17°17	16°31	19°47	24° 3	24°30	8°32	8°59	21°17	16°38	18°17	16°28	n.a.	W24
T 25	6 5 47	3°35'22	13♏10	19° 2	17°33	20°26	23°55	24°30	8°31	8°57	21°18	16°34	18°14	16°34	n.a.	T 25
F 26	6 9 43	4°34'21	27°33	20°48	18°36	21° 5	23°47	24°30	8°31	8°56	21°19	16°28	18°10	16°41	n.a.	F 26
S 27	6 13 40	5°33'19	12♐21	22°35	19°39	21°44	23°40	24°D30	8°30	8°54	21°19	16°21	18° 7	16°48	n.a.	S 27
S 28	6 17 37	6°32'14	27°27	24°24	20°41	22°22	23°33	24°30	8°30	8°52	21°20	16°15	18° 4	16°54	n.a.	S 28
M29	6 21 33	7°31'07	12♉40	26°15	21°45	23° 1	23°25	24°30	8°29	8°51	21°21	16°11	18° 1	17° 1	n.a.	M29
T 30	6 25 30	8°29'58	27°52	28° 7	22°48	23°40	23°18	24°30	8°28	8°49	21°22	16° 8	17°58	17° 8	n.a.	T 30
W31	6 29 26	9♉28'46	12♒52	29♐59	23♏52	24♒19	23♊11	24♈30	8♍27	8♋47	21♎23	16°D 6	17♒55	17♋14	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	22s33	27s32	3s30	16s 2	0n17	5s53	4n 9	20s16	0s41	25n30	1n25	8n38	1s27	9n21	0n48	25n 4	1n19	5s48	2n45	15s50	15s23	26n21			n.a.
T 2	22 42	25 6	2 26	16 32	0 8	6 14	4 7	20 5	0 40	25 30	1 25	8 38	1 27	9 21	0 48	25 4	1 19	5 49	2 45	15 52	15 24	26 19			n.a.
W 3	22 50	21 0	1 14	17 3	0s 1	6 36	4 4	19 54	0 39	25 30	1 25	8 37	1 27	9 21	0 48	25 5	1 19	5 50	2 45	15 53	15 25	26 18			n.a.
T 4	22 58	15 43	0n 2	17 33	0 10	6 58	4 1	19 43	0 38	25 30	1 26	8 36	1 26	9 21	0 48	25 5	1 19	5 50	2 45	15 53	15 26	26 17			n.a.
F 5	23 6	9 44	1 16	18 3	0 18	7 21	3 59	19 32	0 37	25 30	1 26	8 35	1 26	9 21	0 48	25 5	1 19	5 51	2 45	15 53	15 27	26 15			n.a.
S 6	23 13	3 27	2 24	18 33	0 26	7 43	3 56	19 21	0 36	25 30	1 26	8 35	1 26	9 20	0 48	25 5	1 19	5 51	2 45	15 53	15 28	26 14			n.a.
S 7	23 20	2n50	3 22	19 3	0 34	8 6	3 53	19 10	0 35	25 30	1 26	8 34	1 26	9 20	0 48	25 5	1 19	5 52	2 45	15 53	15 29	26 12			n.a.
M 8	23 26	8 52	4 9	19 32	0 41	8 28	3 50	18 58	0 35	25 30	1 26	8 33	1 25	9 20	0 48	25 5	1 19	5 52	2 45	15 54	15 30	26 11			n.a.
T 9	23 32	14 24	4 41	20 1	0 49	8 51	3 46	18 47	0 34	25 30	1 27	8 33	1 25	9 20	0 48	25 5	1 19	5 53	2 45	15 56	15 31	26 9			n.a.
W10	23 37	19 14	5 0	20 29	0 56	9 14	3 43	18 35	0 33	25 30	1 27	8 32	1 25	9 20	0 49	25 6	1 19	5 54	2 45	15 59	15 32	26 8			n.a.
T 11	23 42	23 11	5 4	20 57	1 2	9 37	3 40	18 23	0 32	25 29	1 27	8 32	1 25	9 20	0 49	25 6	1 19	5 54	2 45	16 2	15 33	26 6			n.a.
F 12	23 47	26 3	4 54	21 24	1 9	10 0	3 36	18 11	0 31	25 29	1 27	8 32	1 25	9 20	0 49	25 6	1 19	5 55	2 45	16 5	15 34	26 5			n.a.
S 13	23 51	27 41	4 30	21 50	1 15	10 23	3 33	17 59	0 30	25 29	1 27	8 31	1 24	9 20	0 49	25 6	1 19	5 55	2 45	16 8	15 36	26 3			n.a.
S 14	23 54	27 59	3 55	22 15	1 20	10 46	3 29	17 47	0 30	25 29	1 27	8 31	1 24	9 20	0 49	25 6	1 19	5 56	2 45	16 12	15 37	26 2			n.a.
M15	23 58	26 59	3 10	22 40	1 26	11 9	3 25	17 34	0 29	25 29	1 27	8 30	1 24	9 20	0 49	25 6	1 19	5 56	2 45	16 14	15 38	26 0			n.a.
T 16	24 0	24 45	2 16	23 3	1 31	11 32	3 21	17 22	0 28	25 29	1 28	8 30	1 24	9 20	0 49	25 6	1 19	5 56	2 45	16 16	15 39	25 58			n.a.
W17	24 2	21 28	1 17	23 25	1 35	11 55	3 18	17 9	0 27	25 29	1 28	8 30	1 23	9 20	0 49	25 6	1 19	5 57	2 45	16 17	15 40	25 57			n.a.
T 18	24 4	17 18	0 14	23 47	1 40	12 18	3 14	16 57	0 26	25 28	1 28	8 30	1 23	9 20	0 49	25 7	1 19	5 57	2 45	16 17	15 41	25 55			n.a.
F 19	24 5	12 27	0s50	24 7	1 44	12 41	3 10	16 44	0 25	25 28	1 28	8 30	1 23	9 20	0 49	25 7	1 19	5 58	2 45	16 17	15 42	25 54			n.a.
S 20	24 6	7 5	1 53	24 25	1 47	13 4	3 5	16 31	0 25	25 28	1 28	8 30	1 23	9 20	0 49	25 7	1 20	5 58	2 45	16 17	15 43	25 52			n.a.
S 21	24 7	1 21	2 51	24 43	1 50	13 26	3 1	16 18	0 24	25 28	1 28	8 30	1 22	9 21	0 49	25 7	1 20	5 59	2 44	16 16	15 44	25 51			n.a.
M22	24 7	4s34	3 44	24 59	1 53	13 49	2 57	16 5	0 23	25 27	1 28	8 30	1 22	9 21	0 49	25 7	1 20	5 59	2 44	16 16	15 45	25 49			n.a.
T 23	24 6	10 28	4 26	25 13	1 55	14 11	2 53	15 52	0 22	25 27	1 28	8 30	1 22	9 21	0 49	25 7	1 20	5 59	2 44	16 17	15 46	25 47			n.a.
W24	24 5	16 6	4 55	25 26	1 57	14 33	2 49	15 38	0 22	25 27	1 28	8 30	1 22	9 21	0 49	25 7	1 20	6 0	2 44	16 18	15 47	25 46			n.a.
T 25	24 4	21 7	5 9	25 37	1 59	14 55	2 44	15 25	0 21	25 27	1 28	8 30	1 22	9 21	0 49	25 8	1 20	6 0	2 44	16 19	15 48	25 44			n.a.
F 26	24 2	25 5	5 4	25 46	2 0	15 17	2 40	15 11	0 20	25 26	1 29	8 30	1 21	9 22	0 49	25 8	1 20	6 1	2 44	16 21	15 49	25 43			n.a.
S 27	24 0	27 31	4 38	25 54	2 0	15 39	2 36	14 58	0 19	25 26	1 29	8 30	1 21	9 22	0 49	25 8	1 20	6 1	2 44	16 23	15 50	25 41			n.a.
S 28	23 57	27 59	3 54	26 0	2 0	16 0	2 31	14 44	0 18	25 26	1 29	8 30	1 21	9 22	0 49	25 8	1 20	6 1	2 44	16 25	15 51	25 39			n.a.
M29	23 54	26 20	2 52	26 3	2 0	16 21	2 27	14 30	0 18	25 25	1 29	8 31	1 21	9 23	0 49	25 8	1 20	6 2	2 44	16 26	15 52	25 38			n.a.
T 30	23 50	22 46	1 38	26 5	1 58	16 42	2 22	14 16	0 17	25 25	1 29	8 31	1 20	9 23	0 49	25 8	1 20	6 2	2 44	16 27	15 53	25 36			n.a.
W31	23s46	17s42	0s18	26s 4	1s57	17s 2	2n18	14s 2	0s16	25n25	1n29	8n31	1s20	9n23	0n49	25n 8	1n20	6s 2	2n44	16s27	15s54	25n34			n.a.

Julian Day Number = 204539.5, Delta T = 32h03m58s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'48, Lahiri = -61°00'47 Julian Calendar 1 Jan. 4153 BCE == Greg. Calendar 29 Nov. 4154 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

FEBRUARY 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 33 23	10♉27'32	27♒33	1♉54	24♏55	24♒58	23°R 3	24♈31	8°R26	8°R46	21♎23	16♒ 7	17♒51	17♋21	n.a.	T 1
F 2	6 37 19	11°26'15	11♓50	3°50	25°59	25°37	22♊56	24°31	8♍25	8♋44	21°24	16° 8	17°48	17°28	n.a.	F 2
S 3	6 41 16	12°24'56	25°41	5°48	27° 4	26°16	22°49	24°32	8°24	8°43	21°25	16°10	17°45	17°34	n.a.	S 3
S 4	6 45 12	13°23'34	9♈ 8	7°46	28° 8	26°55	22°42	24°33	8°23	8°41	21°25	16°R10	17°42	17°41	n.a.	S 4
M 5	6 49 9	14°22'10	22°12	9°46	29°13	27°33	22°36	24°34	8°22	8°39	21°26	16°10	17°39	17°48	n.a.	M 5
T 6	6 53 5	15°20'43	4♉56	11°47	0♐17	28°12	22°29	24°35	8°21	8°38	21°26	16° 9	17°36	17°54	n.a.	T 6
W 7	6 57 2	16°19'14	17°24	13°50	1°22	28°51	22°22	24°36	8°20	8°36	21°27	16° 6	17°32	18° 1	n.a.	W 7
T 8	7 0 58	17°17'43	29°39	15°53	2°27	29°30	22°16	24°37	8°19	8°34	21°27	16° 2	17°29	18° 8	n.a.	T 8
F 9	7 4 55	18°16'09	11♊44	17°57	3°33	0♓ 8	22° 9	24°39	8°18	8°33	21°28	15°57	17°26	18°14	n.a.	F 9
S 10	7 8 52	19°14'33	23°42	20° 3	4°38	0°47	22° 3	24°40	8°16	8°31	21°28	15°52	17°23	18°21	n.a.	S 10
S 11	7 12 48	20°12'55	5♋34	22° 9	5°44	1°26	21°57	24°42	8°15	8°30	21°29	15°48	17°20	18°28	n.a.	S 11
M12	7 16 45	21°11'15	17°24	24°15	6°49	2° 5	21°51	24°43	8°14	8°28	21°29	15°45	17°16	18°34	n.a.	M12
T 13	7 20 41	22° 9'32	29°12	26°21	7°55	2°43	21°45	24°45	8°12	8°26	21°29	15°42	17°13	18°41	n.a.	T 13
W14	7 24 38	23° 7'48	11♌ 2	28°28	9° 1	3°22	21°39	24°47	8°11	8°25	21°30	15°D41	17°10	18°48	n.a.	W14
T 15	7 28 34	24° 6'01	22°56	0♒34	10° 8	4° 0	21°34	24°49	8° 9	8°23	21°30	15°41	17° 7	18°54	n.a.	T 15
F 16	7 32 31	25° 4'13	4♍55	2°40	11°14	4°39	21°28	24°51	8° 8	8°22	21°30	15°42	17° 4	19° 1	n.a.	F 16
S 17	7 36 27	26° 2'23	17° 4	4°45	12°21	5°18	21°23	24°53	8° 6	8°20	21°31	15°44	17° 1	19° 8	n.a.	S 17
S 18	7 40 24	27° 0'31	29°26	6°48	13°27	5°56	21°18	24°55	8° 5	8°18	21°31	15°45	16°57	19°14	n.a.	S 18
M19	7 44 20	27°58'37	12♎ 3	8°50	14°34	6°35	21°13	24°58	8° 3	8°17	21°31	15°46	16°54	19°21	n.a.	M19
T 20	7 48 17	28°56'41	25° 1	10°50	15°41	7°13	21° 8	25° 0	8° 1	8°15	21°31	15°R47	16°51	19°28	n.a.	T 20
W21	7 52 13	29°54'44	8♏22	12°48	16°48	7°52	21° 3	25° 3	7°59	8°14	21°31	15°47	16°48	19°34	n.a.	W21
T 22	7 56 10	0♒52'46	22° 7	14°44	17°55	8°31	20°58	25° 5	7°58	8°12	21°31	15°46	16°45	19°41	n.a.	T 22
F 23	8 0 6	1°50'45	6♐19	16°37	19° 2	9° 9	20°54	25° 8	7°56	8°11	21°31	15°45	16°42	19°48	n.a.	F 23
S 24	8 4 3	2°48'44	20°54	18°27	20°10	9°48	20°50	25°11	7°54	8° 9	21°R31	15°43	16°38	19°54	n.a.	S 24
S 25	8 8 0	3°46'40	5♉49	20°14	21°17	10°26	20°45	25°14	7°52	8° 8	21°31	15°42	16°35	20° 1	n.a.	S 25
M26	8 11 56	4°44'35	20°55	21°57	22°25	11° 5	20°41	25°17	7°50	8° 7	21°31	15°41	16°32	20° 8	n.a.	M26
T 27	8 15 53	5°42'29	6♒ 5	23°37	23°32	11°43	20°38	25°20	7°48	8° 5	21°31	15°40	16°29	20°14	n.a.	T 27
W28	8 19 49	6°40'20	21° 9	25°13	24°40	12°22	20°34	25°23	7°46	8° 4	21°31	15°D40	16°26	20°21	n.a.	W28
T 29	8 23 46	7♒38'09	5♓58	26♒45	25♐48	13♓ 0	20♊31	25♈27	7♍44	8♋ 2	21♎31	15♒40	16♒22	20♋28	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s41	11s42	1n 2	26s 1	1s55	17s23	2n13	13s48	0s15	25n24	1n29	8n32	1s20	9n24	0n49	25n 8	1n20	6s 2	2n44	16s27	15s55	25n33		n.a.
F 2	23 36	5 14	2 16	25 55	1 52	17 43	2 9	13 34	0 15	25 24	1 29	8 32	1 20	9 24	0 49	25 9	1 20	6 3	2 44	16 27	15 56	25 31		n.a.
S 3	23 31	1n16	3 19	25 48	1 49	18 2	2 4	13 20	0 14	25 24	1 29	8 33	1 19	9 24	0 49	25 9	1 20	6 3	2 44	16 26	15 57	25 29		n.a.
S 4	23 25	7 31	4 10	25 37	1 45	18 21	2 0	13 6	0 13	25 23	1 29	8 33	1 19	9 25	0 49	25 9	1 20	6 3	2 44	16 26	15 58	25 28		n.a.
M 5	23 19	13 17	4 46	25 25	1 40	18 40	1 55	12 51	0 13	25 23	1 29	8 34	1 19	9 25	0 49	25 9	1 20	6 3	2 44	16 26	15 59	25 26		n.a.
T 6	23 12	18 19	5 7	25 9	1 35	18 59	1 51	12 37	0 12	25 22	1 29	8 34	1 19	9 26	0 50	25 9	1 20	6 4	2 44	16 27	16 0	25 24		n.a.
W 7	23 5	22 29	5 13	24 52	1 30	19 17	1 46	12 22	0 11	25 22	1 29	8 35	1 18	9 26	0 50	25 9	1 20	6 4	2 44	16 28	16 1	25 23		n.a.
T 8	22 57	25 35	5 4	24 31	1 23	19 35	1 42	12 8	0 10	25 22	1 29	8 36	1 18	9 27	0 50	25 9	1 20	6 4	2 44	16 29	16 2	25 21		n.a.
F 9	22 50	27 29	4 42	24 8	1 16	19 52	1 37	11 53	0 10	25 21	1 29	8 36	1 18	9 27	0 50	25 9	1 20	6 4	2 44	16 30	16 3	25 19		n.a.
S 10	22 41	28 5	4 8	23 42	1 9	20 9	1 33	11 39	0 9	25 21	1 29	8 37	1 18	9 28	0 50	25 10	1 20	6 4	2 44	16 32	16 4	25 18		n.a.
S 11	22 32	27 22	3 23	23 14	1 1	20 25	1 28	11 24	0 8	25 20	1 29	8 38	1 18	9 28	0 50	25 10	1 20	6 5	2 44	16 33	16 5	25 16		n.a.
M12	22 23	25 25	2 29	22 44	0 52	20 41	1 24	11 9	0 8	25 20	1 29	8 39	1 17	9 29	0 50	25 10	1 20	6 5	2 44	16 34	16 6	25 14		n.a.
T 13	22 14	22 21	1 30	22 11	0 43	20 57	1 19	10 54	0 7	25 19	1 29	8 40	1 17	9 29	0 50	25 10	1 20	6 5	2 44	16 35	16 7	25 12		n.a.
W14	22 4	18 22	0 26	21 36	0 34	21 12	1 15	10 39	0 6	25 19	1 29	8 40	1 17	9 30	0 50	25 10	1 20	6 5	2 44	16 35	16 8	25 11		n.a.
T 15	21 54	13 38	0s40	20 59	0 24	21 26	1 10	10 24	0 5	25 19	1 28	8 41	1 17	9 31	0 50	25 10	1 20	6 5	2 44	16 35	16 9	25 9		n.a.
F 16	21 43	8 22	1 44	20 20	0 13	21 40	1 6	10 9	0 5	25 18	1 28	8 42	1 16	9 31	0 50	25 10	1 20	6 5	2 44	16 35	16 10	25 7		n.a.
S 17	21 32	2 44	2 45	19 39	0 2	21 54	1 2	9 54	0 4	25 18	1 28	8 43	1 16	9 32	0 50	25 10	1 20	6 5	2 44	16 34	16 11	25 6		n.a.
S 18	21 21	3s 5	3 39	18 57	0n 9	22 7	0 57	9 39	0 3	25 17	1 28	8 44	1 16	9 33	0 50	25 10	1 20	6 5	2 44	16 34	16 12	25 4		n.a.
M19	21 9	8 55	4 23	18 14	0 20	22 19	0 53	9 23	0 3	25 17	1 28	8 46	1 16	9 33	0 50	25 11	1 20	6 6	2 44	16 33	16 13	25 2		n.a.
T 20	20 57	14 31	4 56	17 30	0 31	22 31	0 48	9 8	0 2	25 16	1 28	8 47	1 15	9 34	0 50	25 11	1 20	6 6	2 44	16 33	16 14	25 0		n.a.
W21	20 44	19 37	5 14	16 46	0 43	22 42	0 44	8 53	0 1	25 16	1 28	8 48	1 15	9 35	0 50	25 11	1 20	6 6	2 44	16 33	16 15	24 58		n.a.
T 22	20 32	23 52	5 14	16 1	0 54	22 53	0 40	8 37	0 1	25 16	1 28	8 49	1 15	9 35	0 50	25 11	1 20	6 6	2 44	16 34	16 16	24 57		n.a.
F 23	20 18	26 50	4 56	15 16	1 5	23 3	0 36	8 22	0 0	25 15	1 28	8 50	1 15	9 36	0 50	25 11	1 20	6 6	2 44	16 34	16 16	24 55		n.a.
S 24	20 5	28 6	4 19	14 31	1 17	23 13	0 32	8 6	0n 1	25 15	1 28	8 52	1 15	9 37	0 50	25 11	1 20	6 6	2 44	16 34	16 17	24 53		n.a.
S 25	19 51	27 22	3 23	13 46	1 27	23 22	0 27	7 51	0 1	25 14	1 28	8 53	1 14	9 37	0 50	25 11	1 20	6 6	2 44	16 35	16 18	24 51		n.a.
M26	19 37	24 37	2 13	13 3	1 38	23 30	0 23	7 35	0 2	25 14	1 28	8 54	1 14	9 38	0 50	25 11	1 20	6 6	2 44	16 35	16 19	24 49		n.a.
T 27	19 22	20 8	0 53	12 20	1 48	23 38	0 19	7 20	0 2	25 14	1 28	8 56	1 14	9 39	0 50	25 11	1 20	6 6	2 44	16 35	16 20	24 48		n.a.
W28	19 8	14 22	0n30	11 38	1 58	23 45	0 15	7 4	0 3	25 13	1 27	8 57	1 14	9 40	0 50	25 11	1 20	6 6	2 44	16 35	16 21	24 46		n.a.
T 29	18s53	7s53	1n50	10s57	2n 8	23s52	0n11	6s48	0n 4	25n13	1n27	8n58	1s13	9n41	0n50	25n11	1n20	6s 6	2n44	16s35	16s22	24n44		n.a.

Julian Day Number = 204570.5, Delta T = 32h03m55s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'44, Lahiri = -61°00'43 Julian Calendar 1 Feb. 4153 BCE == Greg. Calendar 30 Dec. 4154 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

MARCH 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 27 42	8♒35'57	20♓26	28♒13	26♐56	13♓38	20°R27	25♈30	7°R42	8°R 1	21°R31	15♒41	16♒19	20♋34	n.a.	F 1
S 2	8 31 39	9°33'42	4♈28	29°37	28° 4	14°17	20♊24	25°34	7♍40	8♋ 0	21♎31	15°42	16°16	20°41	n.a.	S 2
S 3	8 35 35	10°31'26	18° 4	0♓57	29°12	14°55	20°21	25°37	7°38	7°58	21°30	15°42	16°13	20°48	n.a.	S 3
M 4	8 39 32	11°29'08	1♉14	2°13	0♑20	15°34	20°19	25°41	7°36	7°57	21°30	15°42	16°10	20°54	n.a.	M 4
T 5	8 43 28	12°26'48	14° 1	3°25	1°29	16°12	20°16	25°45	7°34	7°56	21°30	15°R42	16° 7	21° 1	n.a.	T 5
W 6	8 47 25	13°24'26	26°28	4°32	2°37	16°51	20°14	25°49	7°32	7°54	21°30	15°42	16° 3	21° 8	n.a.	W 6
T 7	8 51 21	14°22'02	8♊40	5°34	3°46	17°29	20°11	25°53	7°29	7°53	21°29	15°42	16° 0	21°14	n.a.	T 7
F 8	8 55 18	15°19'37	20°40	6°33	4°54	18° 7	20° 9	25°57	7°27	7°52	21°29	15°D42	15°57	21°21	n.a.	F 8
S 9	8 59 15	16°17'09	2♋33	7°26	6° 3	18°46	20° 8	26° 1	7°25	7°51	21°28	15°42	15°54	21°28	n.a.	S 9
S 10	9 3 11	17°14'41	14°21	8°15	7°12	19°24	20° 6	26° 5	7°23	7°50	21°28	15°42	15°51	21°34	n.a.	S 10
M11	9 7 8	18°12'10	26°10	9° 0	8°20	20° 2	20° 4	26° 9	7°20	7°48	21°28	15°42	15°48	21°41	n.a.	M11
T 12	9 11 4	19° 9'38	8♌ 0	9°40	9°29	20°41	20° 3	26°14	7°18	7°47	21°27	15°43	15°44	21°48	n.a.	T 12
W13	9 15 1	20° 7'04	19°55	10°14	10°38	21°19	20° 2	26°18	7°16	7°46	21°27	15°R43	15°41	21°54	n.a.	W13
T 14	9 18 57	21° 4'29	1♍57	10°44	11°47	21°57	20° 1	26°23	7°14	7°45	21°26	15°42	15°38	22° 1	n.a.	T 14
F 15	9 22 54	22° 1'53	14° 8	11°10	12°56	22°35	20° 0	26°28	7°11	7°44	21°26	15°42	15°35	22° 8	n.a.	F 15
S 16	9 26 50	22°59'16	26°30	11°30	14° 6	23°14	20° 0	26°32	7° 9	7°43	21°25	15°41	15°32	22°14	n.a.	S 16
S 17	9 30 47	23°56'37	9♎ 3	11°45	15°15	23°52	19°59	26°37	7° 6	7°42	21°24	15°40	15°28	22°21	n.a.	S 17
M18	9 34 43	24°53'57	21°52	11°56	16°24	24°30	19°59	26°42	7° 4	7°41	21°24	15°39	15°25	22°28	n.a.	M18
T 19	9 38 40	25°51'16	4♏56	12° 2	17°34	25° 8	19°D59	26°47	7° 2	7°40	21°23	15°38	15°22	22°34	n.a.	T 19
W20	9 42 37	26°48'35	18°18	12°R 3	18°43	25°47	19°59	26°52	6°59	7°39	21°22	15°37	15°19	22°41	n.a.	W20
T 21	9 46 33	27°45'52	1♐59	11°59	19°53	26°25	19°59	26°57	6°57	7°38	21°22	15°D37	15°16	22°48	n.a.	T 21
F 22	9 50 30	28°43'09	16° 0	11°51	21° 2	27° 3	20° 0	27° 2	6°54	7°37	21°21	15°38	15°13	22°54	n.a.	F 22
S 23	9 54 26	29°40'25	0♑19	11°38	22°12	27°41	20° 1	27° 7	6°52	7°36	21°20	15°39	15° 9	23° 1	n.a.	S 23
S 24	9 58 23	0♓37'41	14°55	11°22	23°22	28°19	20° 2	27°13	6°49	7°35	21°19	15°40	15° 6	23° 8	n.a.	S 24
M25	10 2 19	1°34'55	29°43	11° 2	24°32	28°58	20° 3	27°18	6°47	7°35	21°18	15°41	15° 3	23°14	n.a.	M25
T 26	10 6 16	2°32'09	14♒36	10°38	25°41	29°36	20° 4	27°24	6°45	7°34	21°18	15°R41	15° 0	23°21	n.a.	T 26
W27	10 10 12	3°29'21	29°28	10°12	26°51	0♈14	20° 5	27°29	6°42	7°33	21°17	15°41	14°57	23°27	n.a.	W27
T 28	10 14 9	4°26'33	14♓11	9°43	28° 1	0°52	20° 7	27°35	6°40	7°32	21°16	15°39	14°54	23°34	n.a.	T 28
F 29	10 18 6	5°23'44	28°38	9°12	29°11	1°30	20° 9	27°40	6°37	7°31	21°15	15°37	14°50	23°41	n.a.	F 29
S 30	10 22 2	6°20'53	12♈43	8°39	0♒22	2° 8	20°11	27°46	6°35	7°31	21°14	15°35	14°47	23°47	n.a.	S 30
S 31	10 25 59	7♓18'02	26♈23	8♓ 6	1♒32	2♈47	20♊13	27♈52	6♍32	7♋30	21♎13	15♒32	14♒44	23♋54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18s37	1s 8	3n 1	10s18	2n16	23s57	0n 7	6s32	0n 4	25n13	1n27	9n 0	1s13	9n41	0n50	25n11	1n20	6s 6	2n44	16s35	16s23	24n42		n.a.
S 2	18 21	5n28	3 59	9 41	2 25	24 3	0 3	6 17	0 5	25 12	1 27	9 1	1 13	9 42	0 50	25 12	1 20	6 6	2 44	16 35	16 24	24 40		n.a.
S 3	18 5	11 35	4 41	9 5	2 32	24 7	0s 0	6 1	0 6	25 12	1 27	9 3	1 13	9 43	0 50	25 12	1 20	6 6	2 44	16 35	16 25	24 38		n.a.
M 4	17 49	17 0	5 7	8 31	2 39	24 11	0 4	5 45	0 6	25 12	1 27	9 5	1 13	9 44	0 50	25 12	1 20	6 5	2 44	16 35	16 26	24 37		n.a.
T 5	17 33	21 31	5 17	7 59	2 45	24 14	0 8	5 29	0 7	25 11	1 27	9 6	1 12	9 45	0 50	25 12	1 20	6 5	2 44	16 35	16 27	24 35		n.a.
W 6	17 16	24 57	5 12	7 29	2 51	24 17	0 11	5 13	0 8	25 11	1 27	9 8	1 12	9 45	0 50	25 12	1 20	6 5	2 44	16 35	16 28	24 33		n.a.
T 7	16 59	27 11	4 52	7 1	2 55	24 19	0 15	4 57	0 8	25 11	1 26	9 10	1 12	9 46	0 50	25 12	1 20	6 5	2 44	16 35	16 29	24 31		n.a.
F 8	16 41	28 6	4 20	6 36	2 59	24 20	0 19	4 41	0 9	25 10	1 26	9 11	1 12	9 47	0 50	25 12	1 20	6 5	2 44	16 35	16 30	24 29		n.a.
S 9	16 24	27 43	3 37	6 13	3 2	24 20	0 22	4 26	0 9	25 10	1 26	9 13	1 12	9 48	0 50	25 12	1 20	6 5	2 44	16 35	16 31	24 27		n.a.
S 10	16 6	26 3	2 45	5 52	3 4	24 20	0 26	4 10	0 10	25 10	1 26	9 15	1 11	9 49	0 50	25 12	1 20	6 5	2 44	16 35	16 32	24 25		n.a.
M11	15 48	23 15	1 46	5 34	3 5	24 19	0 29	3 54	0 11	25 10	1 26	9 17	1 11	9 50	0 50	25 12	1 20	6 5	2 44	16 35	16 33	24 23		n.a.
T 12	15 30	19 28	0 43	5 19	3 5	24 18	0 32	3 38	0 11	25 9	1 26	9 18	1 11	9 51	0 50	25 12	1 20	6 4	2 44	16 35	16 34	24 22		n.a.
W13	15 11	14 53	0s23	5 6	3 4	24 16	0 35	3 22	0 12	25 9	1 26	9 20	1 11	9 52	0 50	25 12	1 20	6 4	2 44	16 35	16 35	24 20		n.a.
T 14	14 52	9 42	1 29	4 56	3 3	24 13	0 39	3 6	0 12	25 9	1 25	9 22	1 11	9 53	0 50	25 12	1 20	6 4	2 44	16 35	16 36	24 18		n.a.
F 15	14 33	4 6	2 31	4 49	3 0	24 9	0 42	2 49	0 13	25 9	1 25	9 24	1 10	9 53	0 50	25 12	1 20	6 4	2 44	16 35	16 37	24 16		n.a.
S 16	14 14	1s43	3 27	4 45	2 56	24 5	0 45	2 33	0 13	25 8	1 25	9 26	1 10	9 54	0 50	25 12	1 19	6 4	2 44	16 35	16 38	24 14		n.a.
S 17	13 55	7 34	4 15	4 44	2 51	24 0	0 48	2 17	0 14	25 8	1 25	9 28	1 10	9 55	0 50	25 12	1 19	6 4	2 44	16 35	16 39	24 12		n.a.
M18	13 35	13 12	4 50	4 45	2 44	23 55	0 51	2 1	0 15	25 8	1 25	9 30	1 10	9 56	0 50	25 12	1 19	6 3	2 44	16 36	16 40	24 10		n.a.
T 19	13 15	18 23	5 11	4 50	2 37	23 48	0 53	1 45	0 15	25 8	1 25	9 32	1 10	9 57	0 50	25 12	1 19	6 3	2 43	16 36	16 41	24 8		n.a.
W20	12 55	22 48	5 16	4 57	2 29	23 41	0 56	1 29	0 16	25 8	1 25	9 34	1 9	9 58	0 50	25 13	1 19	6 3	2 43	16 36	16 42	24 6		n.a.
T 21	12 35	26 6	5 4	5 7	2 19	23 34	0 59	1 13	0 16	25 8	1 24	9 36	1 9	9 59	0 50	25 13	1 19	6 3	2 43	16 36	16 43	24 4		n.a.
F 22	12 15	27 53	4 33	5 20	2 9	23 26	1 1	0 57	0 17	25 8	1 24	9 38	1 9	10 0	0 50	25 13	1 19	6 2	2 43	16 36	16 44	24 2		n.a.
S 23	11 54	27 52	3 45	5 36	1 57	23 17	1 4	0 41	0 17	25 8	1 24	9 40	1 9	10 1	0 50	25 13	1 19	6 2	2 43	16 36	16 45	24 0		n.a.
S 24	11 34	25 56	2 42	5 54	1 45	23 7	1 6	0 25	0 18	25 7	1 24	9 42	1 9	10 2	0 50	25 13	1 19	6 2	2 43	16 36	16 46	23 58		n.a.
M25	11 13	22 12	1 27	6 14	1 31	22 57	1 9	0 9	0 19	25 7	1 24	9 44	1 9	10 3	0 50	25 13	1 19	6 2	2 43	16 35	16 47	23 56		n.a.
T 26	10 52	17 0	0 6	6 36	1 17	22 46	1 11	0n 8	0 19	25 7	1 24	9 47	1 8	10 4	0 50	25 13	1 19	6 1	2 43	16 35	16 48	23 54		n.a.
W27	10 30	10 48	1n15	7 0	1 2	22 34	1 13	0 24	0 20	25 7	1 24	9 49	1 8	10 5	0 50	25 13	1 19	6 1	2 43	16 35	16 49	23 52		n.a.
T 28	10 9	4 5	2 31	7 26	0 46	22 22	1 15	0 40	0 20	25 7	1 23	9 51	1 8	10 6	0 50	25 13	1 19	6 1	2 43	16 36	16 50	23 50		n.a.
F 29	9 48	2n43	3 35	7 53	0 30	22 9	1 17	0 56	0 21	25 7	1 23	9 53	1 8	10 6	0 50	25 13	1 19	6 0	2 43	16 36	16 50	23 48		n.a.
S 30	9 26	9 12	4 25	8 20	0 14	21 56	1 19	1 12	0 21	25 7	1 23	9 55	1 8	10 7	0 50	25 13	1 19	6 0	2 43	16 37	16 51	23 46		n.a.
S 31	9s 4	15n 4	4n58	8s48	0s 3	21s42	1s21	1n28	0n22	25n 7	1n23	9n58	1s 7	10n 8	0n50	25n13	1n19	6s 0	2n43	16s38	16s52	23n44		n.a.

Julian Day Number = 204599.5, Delta T = 32h03m52s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'40, Lahiri = -61°00'39 Julian Calendar 1 March 4153 BCE == Greg. Calendar 28 Jan. 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

APRIL 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 29 55	8♓15'10	9♉38	7°R32	2♒42	3♈25	20♊15	27♈58	6°R30	7°R30	21°R12	15°R29	14♒41	24♋ 1	n.a.	M 1
T 2	10 33 52	9°12'16	22°29	6♓59	3°52	4° 3	20°17	28° 3	6♍27	7♋29	21♎11	15♒27	14°38	24° 7	n.a.	T 2
W 3	10 37 48	10° 9'22	4♊58	6°26	5° 3	4°41	20°20	28° 9	6°25	7°28	21°10	15°D26	14°34	24°14	n.a.	W 3
T 4	10 41 45	11° 6'27	17°11	5°54	6°13	5°19	20°23	28°15	6°22	7°28	21° 9	15°26	14°31	24°21	n.a.	T 4
F 5	10 45 41	12° 3'31	29°10	5°25	7°23	5°57	20°26	28°22	6°20	7°27	21° 8	15°27	14°28	24°27	n.a.	F 5
S 6	10 49 38	13° 0'34	11♋ 1	4°58	8°34	6°35	20°29	28°28	6°17	7°27	21° 7	15°29	14°25	24°34	n.a.	S 6
S 7	10 53 35	13°57'36	22°50	4°33	9°44	7°13	20°32	28°34	6°15	7°26	21° 6	15°30	14°22	24°41	n.a.	S 7
M 8	10 57 31	14°54'38	4♌39	4°12	10°55	7°51	20°36	28°40	6°12	7°26	21° 5	15°32	14°19	24°47	n.a.	M 8
T 9	11 1 28	15°51'38	16°34	3°55	12° 6	8°30	20°39	28°46	6°10	7°26	21° 4	15°R32	14°15	24°54	n.a.	T 9
W10	11 5 24	16°48'38	28°37	3°41	13°16	9° 8	20°43	28°53	6° 8	7°25	21° 2	15°31	14°12	25° 1	n.a.	W10
T 11	11 9 21	17°45'38	10♍50	3°31	14°27	9°46	20°47	28°59	6° 5	7°25	21° 1	15°29	14° 9	25° 7	n.a.	T 11
F 12	11 13 17	18°42'37	23°16	3°26	15°38	10°24	20°51	29° 6	6° 3	7°25	21° 0	15°25	14° 6	25°14	n.a.	F 12
S 13	11 17 14	19°39'35	5♎55	3°D25	16°49	11° 2	20°56	29°12	6° 0	7°24	20°59	15°20	14° 3	25°21	n.a.	S 13
S 14	11 21 11	20°36'34	18°48	3°29	18° 0	11°40	21° 0	29°19	5°58	7°24	20°58	15°15	13°59	25°27	n.a.	S 14
M15	11 25 7	21°33'32	1♏54	3°37	19°11	12°18	21° 5	29°25	5°56	7°24	20°56	15° 9	13°56	25°34	n.a.	M15
T 16	11 29 4	22°30'30	15°14	3°50	20°22	12°56	21°10	29°32	5°53	7°24	20°55	15° 4	13°53	25°41	n.a.	T 16
W17	11 33 0	23°27'28	28°47	4° 8	21°33	13°34	21°14	29°39	5°51	7°24	20°54	15° 0	13°50	25°47	n.a.	W17
T 18	11 36 57	24°24'26	12♐33	4°30	22°44	14°12	21°20	29°45	5°49	7°24	20°52	14°58	13°47	25°54	n.a.	T 18
F 19	11 40 53	25°21'25	26°30	4°57	23°55	14°50	21°25	29°52	5°46	7°24	20°51	14°D57	13°44	26° 1	n.a.	F 19
S 20	11 44 50	26°18'24	10♑39	5°28	25° 6	15°28	21°30	29°59	5°44	7°24	20°50	14°58	13°40	26° 7	n.a.	S 20
S 21	11 48 47	27°15'22	24°57	6° 4	26°18	16° 6	21°36	0♉ 6	5°42	7°D24	20°49	14°59	13°37	26°14	n.a.	S 21
M22	11 52 43	28°12'21	9♒22	6°44	27°29	16°44	21°41	0°13	5°40	7°24	20°47	15°R 0	13°34	26°21	n.a.	M22
T 23	11 56 40	29° 9'21	23°52	7°29	28°40	17°22	21°47	0°20	5°37	7°24	20°46	15° 0	13°31	26°27	n.a.	T 23
W24	12 0 36	0♈ 6'20	8♓22	8°18	29°52	18° 0	21°53	0°27	5°35	7°24	20°44	14°58	13°28	26°34	n.a.	W24
T 25	12 4 33	1° 3'19	22°46	9°11	1♓ 3	18°38	21°59	0°34	5°33	7°24	20°43	14°54	13°25	26°40	n.a.	T 25
F 26	12 8 29	2° 0'19	6♈59	10° 8	2°15	19°16	22° 5	0°41	5°31	7°24	20°42	14°48	13°21	26°47	n.a.	F 26
S 27	12 12 26	2°57'19	20°55	11° 9	3°26	19°55	22°12	0°48	5°29	7°24	20°40	14°41	13°18	26°54	n.a.	S 27
S 28	12 16 23	3°54'18	4♉30	12°15	4°38	20°33	22°18	0°55	5°27	7°24	20°39	14°33	13°15	27° 0	n.a.	S 28
M29	12 20 19	4°51'18	17°44	13°24	5°50	21°11	22°25	1° 2	5°25	7°25	20°37	14°25	13°12	27° 7	n.a.	M29
T 30	12 24 16	5♈48'18	0♊34	14♓37	7♓ 1	21♈49	22♊32	1♉ 9	5♍23	7♋25	20♎36	14♒18	13♒ 9	27♋14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8s42	20n 2	5n13	9s17	0s19	21s27	1s23	1n44	0n22	25n 7	1n23	10n 0	1s 7	10n 9	0n50	25n13	1n19	5s59	2n43	16s39	16s53	23n42		n.a.
T 2	8 20	23 56	5 12	9 45	0 36	21 12	1 25	2 0	0 23	25 7	1 23	10 2	1 7	10 10	0 50	25 13	1 19	5 59	2 43	16 39	16 54	23 40		n.a.
W 3	7 58	26 35	4 57	10 12	0 52	20 56	1 27	2 16	0 23	25 7	1 22	10 5	1 7	10 11	0 50	25 13	1 19	5 59	2 43	16 40	16 55	23 38		n.a.
T 4	7 36	27 55	4 28	10 39	1 8	20 40	1 28	2 32	0 24	25 7	1 22	10 7	1 7	10 12	0 50	25 13	1 19	5 58	2 43	16 40	16 56	23 36		n.a.
F 5	7 14	27 55	3 48	11 4	1 23	20 23	1 30	2 48	0 25	25 7	1 22	10 9	1 7	10 13	0 50	25 13	1 19	5 58	2 43	16 39	16 57	23 34		n.a.
S 6	6 51	26 36	2 58	11 28	1 38	20 6	1 31	3 4	0 25	25 7	1 22	10 12	1 6	10 14	0 50	25 13	1 19	5 58	2 43	16 39	16 58	23 32		n.a.
S 7	6 29	24 7	2 1	11 50	1 52	19 48	1 32	3 20	0 26	25 8	1 22	10 14	1 6	10 15	0 50	25 13	1 19	5 57	2 43	16 38	16 59	23 30		n.a.
M 8	6 6	20 36	0 59	12 10	2 5	19 29	1 34	3 36	0 26	25 8	1 22	10 17	1 6	10 16	0 50	25 13	1 19	5 57	2 43	16 38	17 0	23 28		n.a.
T 9	5 44	16 14	0s 6	12 28	2 17	19 10	1 35	3 52	0 27	25 8	1 21	10 19	1 6	10 17	0 50	25 13	1 19	5 56	2 43	16 38	17 1	23 26		n.a.
W10	5 21	11 11	1 11	12 44	2 28	18 50	1 36	4 8	0 27	25 8	1 21	10 22	1 6	10 18	0 50	25 13	1 19	5 56	2 43	16 38	17 2	23 24		n.a.
T 11	4 58	5 39	2 14	12 57	2 38	18 30	1 37	4 24	0 28	25 8	1 21	10 24	1 6	10 19	0 50	25 13	1 19	5 56	2 43	16 39	17 3	23 22		n.a.
F 12	4 35	0s10	3 11	13 7	2 47	18 9	1 38	4 39	0 28	25 8	1 21	10 26	1 6	10 19	0 50	25 13	1 19	5 55	2 42	16 40	17 4	23 20		n.a.
S 13	4 12	6 4	4 1	13 15	2 55	17 48	1 39	4 55	0 29	25 8	1 21	10 29	1 5	10 20	0 50	25 13	1 19	5 55	2 42	16 41	17 5	23 18		n.a.
S 14	3 49	11 50	4 38	13 20	3 2	17 27	1 40	5 11	0 29	25 8	1 21	10 32	1 5	10 21	0 50	25 13	1 19	5 54	2 42	16 43	17 6	23 16		n.a.
M15	3 26	17 11	5 2	13 22	3 8	17 4	1 40	5 27	0 30	25 9	1 21	10 34	1 5	10 22	0 50	25 13	1 19	5 54	2 42	16 45	17 7	23 13		n.a.
T 16	3 3	21 48	5 11	13 21	3 13	16 42	1 41	5 42	0 30	25 9	1 20	10 37	1 5	10 23	0 50	25 13	1 19	5 53	2 42	16 46	17 8	23 11		n.a.
W17	2 40	25 21	5 2	13 18	3 16	16 19	1 42	5 58	0 31	25 9	1 20	10 39	1 5	10 24	0 50	25 13	1 19	5 53	2 42	16 47	17 8	23 9		n.a.
T 18	2 17	27 29	4 36	13 12	3 19	15 55	1 42	6 14	0 31	25 9	1 20	10 42	1 5	10 25	0 50	25 13	1 19	5 53	2 42	16 48	17 9	23 7		n.a.
F 19	1 54	27 57	3 53	13 3	3 20	15 32	1 42	6 29	0 32	25 9	1 20	10 44	1 4	10 26	0 50	25 13	1 19	5 52	2 42	16 48	17 10	23 5		n.a.
S 20	1 30	26 35	2 56	12 52	3 21	15 7	1 43	6 45	0 32	25 10	1 20	10 47	1 4	10 26	0 50	25 13	1 19	5 52	2 42	16 48	17 11	23 3		n.a.
S 21	1 7	23 29	1 47	12 38	3 21	14 43	1 43	7 0	0 33	25 10	1 20	10 49	1 4	10 27	0 50	25 13	1 19	5 51	2 42	16 48	17 12	23 1		n.a.
M22	0 44	18 54	0 30	12 21	3 19	14 18	1 43	7 16	0 33	25 10	1 19	10 52	1 4	10 28	0 50	25 12	1 18	5 51	2 42	16 47	17 13	22 59		n.a.
T 23	0 21	13 11	0n48	12 2	3 17	13 52	1 43	7 31	0 33	25 10	1 19	10 55	1 4	10 29	0 50	25 12	1 18	5 50	2 42	16 48	17 14	22 56		n.a.
W24	0n 3	6 46	2 3	11 41	3 14	13 26	1 43	7 47	0 34	25 11	1 19	10 57	1 4	10 30	0 50	25 12	1 18	5 50	2 42	16 48	17 15	22 54		n.a.
T 25	0 26	0 4	3 10	11 16	3 10	13 0	1 43	8 2	0 34	25 11	1 19	11 0	1 4	10 30	0 50	25 12	1 18	5 49	2 42	16 49	17 16	22 52		n.a.
F 26	0 49	6n33	4 3	10 50	3 5	12 34	1 43	8 17	0 35	25 11	1 19	11 3	1 4	10 31	0 50	25 12	1 18	5 49	2 42	16 51	17 17	22 50		n.a.
S 27	1 12	12 43	4 41	10 21	3 0	12 7	1 43	8 32	0 35	25 11	1 19	11 5	1 3	10 32	0 50	25 12	1 18	5 49	2 42	16 53	17 18	22 48		n.a.
S 28	1 36	18 6	5 3	9 49	2 54	11 40	1 42	8 48	0 36	25 12	1 19	11 8	1 3	10 33	0 50	25 12	1 18	5 48	2 41	16 56	17 19	22 46		n.a.
M29	1 59	22 29	5 7	9 16	2 47	11 12	1 42	9 3	0 36	25 12	1 18	11 11	1 3	10 34	0 50	25 12	1 18	5 48	2 41	16 58	17 20	22 43		n.a.
T 30	2n22	25n39	4n55	8s40	2s40	10s44	1s41	9n18	0n37	25n12	1n18	11n13	1s 3	10n34	0n50	25n12	1n18	5s47	2n41	17s 0	17s21	22n41		n.a.

Julian Day Number = 204630.5, Delta T = 32h03m49s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'35, Lahiri = -61°00'35 Julian Calendar 1 Apr. 4153 BCE == Greg. Calendar 28 Feb. 4153 BCE

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

MAY 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 28 12	6♈45'18	13♊ 4	15♓55	8♓13	22♈27	22♊39	1♉17	5°R21	7♋25	20°R35	14°R14	13♒ 5	27♋20	n.a.	W 1
T 2	12 32 9	7°42'18	25°17	17°16	9°25	23° 5	22°46	1°24	5♍19	7°26	20♎33	14♒11	13° 2	27°27	n.a.	T 2
F 3	12 36 5	8°39'18	7♋17	18°40	10°37	23°43	22°53	1°31	5°17	7°26	20°32	14°D10	12°59	27°34	n.a.	F 3
S 4	12 40 2	9°36'18	19° 8	20° 9	11°49	24°21	23° 0	1°38	5°15	7°26	20°30	14°10	12°56	27°40	n.a.	S 4
S 5	12 43 59	10°33'19	0♌57	21°41	13° 1	24°59	23° 8	1°46	5°13	7°27	20°29	14°11	12°53	27°47	n.a.	S 5
M 6	12 47 55	11°30'19	12°48	23°17	14°12	25°37	23°15	1°53	5°11	7°27	20°27	14°R12	12°50	27°54	n.a.	M 6
T 7	12 51 52	12°27'20	24°46	24°56	15°24	26°15	23°23	2° 0	5° 9	7°28	20°26	14°11	12°46	28° 0	n.a.	T 7
W 8	12 55 48	13°24'21	6♍56	26°38	16°37	26°53	23°31	2° 8	5° 7	7°28	20°24	14° 9	12°43	28° 7	n.a.	W 8
T 9	12 59 45	14°21'22	19°21	28°24	17°49	27°31	23°39	2°15	5° 6	7°29	20°23	14° 4	12°40	28°14	n.a.	T 9
F 10	13 3 41	15°18'24	2♎ 2	0♈13	19° 1	28° 9	23°47	2°23	5° 4	7°30	20°21	13°57	12°37	28°20	n.a.	F 10
S 11	13 7 38	16°15'26	15° 0	2° 5	20°13	28°47	23°55	2°30	5° 2	7°30	20°20	13°48	12°34	28°27	n.a.	S 11
S 12	13 11 35	17°12'30	28°16	3°59	21°25	29°25	24° 3	2°38	5° 1	7°31	20°18	13°38	12°30	28°34	n.a.	S 12
M13	13 15 31	18° 9'33	11♏46	5°56	22°38	0♉ 4	24°12	2°45	4°59	7°32	20°17	13°27	12°27	28°40	n.a.	M13
T 14	13 19 28	19° 6'38	25°29	7°56	23°50	0°42	24°20	2°53	4°58	7°32	20°15	13°18	12°24	28°47	n.a.	T 14
W15	13 23 24	20° 3'44	9♐22	9°57	25° 2	1°20	24°29	3° 0	4°56	7°33	20°14	13°11	12°21	28°53	n.a.	W15
T 16	13 27 21	21° 0'51	23°22	12° 0	26°15	1°58	24°38	3° 8	4°55	7°34	20°12	13° 5	12°18	29° 0	n.a.	T 16
F 17	13 31 18	21°57'58	7♑26	14° 5	27°27	2°36	24°47	3°16	4°53	7°35	20°11	13° 3	12°15	29° 7	n.a.	F 17
S 18	13 35 14	22°55'07	21°32	16°10	28°40	3°14	24°56	3°23	4°52	7°36	20° 9	13°D 2	12°11	29°13	n.a.	S 18
S 19	13 39 11	23°52'18	5♒41	18°17	29°52	3°52	25° 5	3°31	4°50	7°36	20° 8	13°R 2	12° 8	29°20	n.a.	S 19
M20	13 43 7	24°49'29	19°50	20°24	1♈ 5	4°30	25°14	3°38	4°49	7°37	20° 6	13° 2	12° 5	29°27	n.a.	M20
T 21	13 47 4	25°46'41	3♓58	22°31	2°18	5° 8	25°23	3°46	4°48	7°38	20° 5	13° 1	12° 2	29°33	n.a.	T 21
W22	13 51 0	26°43'55	18° 3	24°38	3°30	5°47	25°33	3°54	4°47	7°39	20° 3	12°57	11°59	29°40	n.a.	W22
T 23	13 54 57	27°41'10	2♈ 2	26°45	4°43	6°25	25°42	4° 1	4°45	7°40	20° 2	12°50	11°56	29°47	n.a.	T 23
F 24	13 58 54	28°38'26	15°52	28°51	5°56	7° 3	25°52	4° 9	4°44	7°41	20° 0	12°41	11°52	29°53	n.a.	F 24
S 25	14 2 50	29°35'43	29°29	0♉56	7° 9	7°41	26° 1	4°17	4°43	7°42	19°59	12°30	11°49	29°59	n.a.	S 25
S 26	14 6 47	0♉33'02	12♉50	3° 1	8°22	8°19	26°11	4°24	4°42	7°43	19°58	12°18	11°46	0♌ 7	n.a.	S 26
M27	14 10 43	1°30'22	25°53	5° 4	9°35	8°57	26°21	4°32	4°41	7°45	19°56	12° 6	11°43	0°13	n.a.	M27
T 28	14 14 40	2°27'42	8♊37	7° 7	10°48	9°36	26°31	4°40	4°40	7°46	19°55	11°56	11°40	0°20	n.a.	T 28
W29	14 18 36	3°25'04	21° 3	9° 8	12° 1	10°14	26°41	4°47	4°39	7°47	19°53	11°47	11°36	0°27	n.a.	W29
T 30	14 22 33	4°22'27	3♋14	11° 8	13°14	10°52	26°51	4°55	4°39	7°48	19°52	11°42	11°33	0°33	n.a.	T 30
F 31	14 26 30	5♉19'51	15♋12	13♉ 6	14♈27	11♉30	27♊ 1	5♉ 3	4♍38	7♋49	19♎50	11♒38	11♒30	0♌40	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	2n45	27n28	4n29	8s 2	2s32	10s16	1s41	9n33	0n37	25n12	1n18	11n16	1s 3	10n35	0n50	25n12	1n18	5s47	2n41	17s 1	17s22	22n39			n.a.
T 2	3 8	27 54	3 52	7 21	2 23	9 48	1 40	9 48	0 38	25 13	1 18	11 19	1 3	10 36	0 50	25 12	1 18	5 46	2 41	17 2	17 23	22 37			n.a.
F 3	3 31	26 59	3 5	6 39	2 14	9 20	1 40	10 3	0 38	25 13	1 18	11 21	1 3	10 36	0 50	25 12	1 18	5 46	2 41	17 3	17 23	22 35			n.a.
S 4	3 55	24 51	2 10	5 54	2 4	8 51	1 39	10 18	0 39	25 13	1 18	11 24	1 3	10 37	0 50	25 12	1 18	5 45	2 41	17 2	17 24	22 33			n.a.
S 5	4 18	21 39	1 11	5 8	1 54	8 22	1 38	10 32	0 39	25 13	1 18	11 27	1 2	10 38	0 50	25 12	1 18	5 45	2 41	17 2	17 25	22 30			n.a.
M 6	4 40	17 34	0 8	4 19	1 44	7 52	1 37	10 47	0 39	25 14	1 18	11 30	1 2	10 38	0 50	25 12	1 18	5 44	2 41	17 2	17 26	22 28			n.a.
T 7	5 3	12 45	0s56	3 29	1 33	7 23	1 36	11 2	0 40	25 14	1 17	11 32	1 2	10 39	0 50	25 12	1 18	5 44	2 41	17 2	17 27	22 26			n.a.
W 8	5 26	7 23	1 59	2 37	1 22	6 53	1 35	11 16	0 40	25 14	1 17	11 35	1 2	10 40	0 50	25 12	1 18	5 43	2 41	17 3	17 28	22 24			n.a.
T 9	5 49	1 39	2 56	1 44	1 11	6 23	1 34	11 31	0 41	25 15	1 17	11 38	1 2	10 40	0 50	25 12	1 18	5 43	2 41	17 4	17 29	22 21			n.a.
F 10	6 11	4s16	3 47	0 49	0 59	5 53	1 33	11 45	0 41	25 15	1 17	11 40	1 2	10 41	0 50	25 12	1 18	5 42	2 40	17 6	17 30	22 19			n.a.
S 11	6 34	10 8	4 26	0n 7	0 48	5 23	1 32	12 0	0 42	25 15	1 17	11 43	1 2	10 42	0 50	25 12	1 18	5 42	2 40	17 9	17 31	22 17			n.a.
S 12	6 57	15 41	4 52	1 4	0 36	4 53	1 31	12 14	0 42	25 15	1 17	11 46	1 2	10 42	0 49	25 11	1 18	5 41	2 40	17 12	17 32	22 15			n.a.
M13	7 19	20 34	5 3	2 3	0 25	4 22	1 29	12 28	0 42	25 16	1 17	11 49	1 2	10 43	0 49	25 11	1 18	5 41	2 40	17 15	17 33	22 13			n.a.
T 14	7 41	24 27	4 56	3 1	0 14	3 51	1 28	12 42	0 43	25 16	1 17	11 51	1 1	10 43	0 49	25 11	1 18	5 40	2 40	17 18	17 34	22 10			n.a.
W15	8 3	26 58	4 32	4 1	0 2	3 21	1 27	12 56	0 43	25 16	1 16	11 54	1 1	10 44	0 49	25 11	1 18	5 40	2 40	17 20	17 35	22 8			n.a.
T 16	8 25	27 48	3 52	5 0	0n 9	2 50	1 25	13 10	0 44	25 16	1 16	11 57	1 1	10 44	0 49	25 11	1 18	5 39	2 40	17 22	17 35	22 6			n.a.
F 17	8 47	26 51	2 57	6 0	0 19	2 19	1 24	13 24	0 44	25 17	1 16	12 0	1 1	10 45	0 49	25 11	1 18	5 39	2 40	17 22	17 36	22 3			n.a.
S 18	9 9	24 10	1 52	6 59	0 29	1 48	1 22	13 38	0 45	25 17	1 16	12 2	1 1	10 45	0 49	25 11	1 18	5 38	2 40	17 23	17 37	22 1			n.a.
S 19	9 31	20 1	0 39	7 58	0 39	1 16	1 20	13 52	0 45	25 17	1 16	12 5	1 1	10 46	0 49	25 11	1 18	5 38	2 40	17 23	17 38	21 59			n.a.
M20	9 53	14 43	0n36	8 56	0 48	0 45	1 19	14 5	0 45	25 17	1 16	12 8	1 1	10 46	0 49	25 11	1 18	5 37	2 39	17 23	17 39	21 57			n.a.
T 21	10 14	8 39	1 49	9 53	0 57	0 14	1 17	14 19	0 46	25 18	1 16	12 11	1 1	10 47	0 49	25 11	1 18	5 37	2 39	17 23	17 40	21 54			n.a.
W22	10 35	2 12	2 54	10 49	1 5	0n17	1 15	14 33	0 46	25 18	1 16	12 13	1 1	10 47	0 49	25 11	1 18	5 37	2 39	17 24	17 41	21 52			n.a.
T 23	10 57	4n19	3 49	11 43	1 13	0 49	1 13	14 46	0 47	25 18	1 16	12 16	1 1	10 47	0 49	25 11	1 18	5 36	2 39	17 26	17 42	21 50			n.a.
F 24	11 18	10 32	4 29	12 36	1 20	1 20	1 11	14 59	0 47	25 18	1 15	12 19	1 0	10 48	0 49	25 10	1 18	5 36	2 39	17 29	17 43	21 47			n.a.
S 25	11 38	16 9	4 53	13 28	1 26	1 51	1 9	15 12	0 47	25 19	1 15	12 22	1 0	10 48	0 49	25 10	1 17	5 35	2 39	17 32	17 44	21 45			n.a.
S 26	11 59	20 53	5 1	14 18	1 32	2 23	1 7	15 26	0 48	25 19	1 15	12 24	1 0	10 49	0 49	25 10	1 17	5 35	2 39	17 35	17 45	21 43			n.a.
M27	12 20	24 30	4 52	15 5	1 37	2 54	1 5	15 39	0 48	25 19	1 15	12 27	1 0	10 49	0 49	25 10	1 17	5 34	2 39	17 39	17 45	21 41			n.a.
T 28	12 40	26 47	4 29	15 51	1 41	3 25	1 3	15 52	0 49	25 19	1 15	12 30	1 0	10 49	0 49	25 10	1 17	5 34	2 38	17 42	17 46	21 38			n.a.
W29	13 0	27 42	3 54	16 35	1 45	3 56	1 1	16 4	0 49	25 19	1 15	12 33	1 0	10 50	0 49	25 10	1 17	5 33	2 38	17 44	17 47	21 36			n.a.
T 30	13 20	27 13	3 8	17 17	1 48	4 28	0 59	16 17	0 49	25 19	1 15	12 35	1 0	10 50	0 49	25 10	1 17	5 33	2 38	17 46	17 48	21 34			n.a.
F 31	13n40	25n27	2n15	17n57	1n50	4n59	0s57	16n30	0n50	25n20	1n15	12n38	1s 0	10n50	0n49	25n10	1n17	5s32	2n38	17s47	17s49	21n31			n.a.

Julian Day Number = 204660.5, Delta T = 32h03m46s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'31, Lahiri = -61°00'31 Julian Calendar 1 May 4153 BCE == Greg. Calendar 29 March 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

JUNE 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 30 26	6♉17'15	27♋ 3	15♉ 3	15♈40	12♉ 8	27♊12	5♉10	4°R37	7♋51	19°R49	11°R37	11♒27	0♌47	n.a.	S 1
S 2	14 34 23	7°14'41	8♌51	16°58	16°53	12°47	27°22	5°18	4♍36	7°52	19♎47	11♒37	11°24	0°53	n.a.	S 2
M 3	14 38 19	8°12'08	20°43	18°52	18° 6	13°25	27°33	5°26	4°36	7°53	19°46	11°37	11°21	1° 0	n.a.	M 3
T 4	14 42 16	9° 9'36	2♍43	20°44	19°20	14° 3	27°43	5°33	4°35	7°54	19°45	11°36	11°17	1° 6	n.a.	T 4
W 5	14 46 12	10° 7'06	14°56	22°35	20°33	14°41	27°54	5°41	4°35	7°56	19°43	11°33	11°14	1°13	n.a.	W 5
T 6	14 50 9	11° 4'36	27°28	24°25	21°46	15°20	28° 5	5°49	4°34	7°57	19°42	11°27	11°11	1°20	n.a.	T 6
F 7	14 54 6	12° 2'08	10♎20	26°12	23° 0	15°58	28°15	5°56	4°34	7°59	19°41	11°19	11° 8	1°26	n.a.	F 7
S 8	14 58 2	12°59'41	23°34	27°59	24°13	16°36	28°26	6° 4	4°33	8° 0	19°39	11° 9	11° 5	1°33	n.a.	S 8
S 9	15 1 59	13°57'16	7♏ 9	29°43	25°27	17°15	28°37	6°12	4°33	8° 2	19°38	10°57	11° 2	1°40	n.a.	S 9
M10	15 5 55	14°54'52	21° 4	1♊27	26°40	17°53	28°48	6°19	4°32	8° 3	19°37	10°45	10°58	1°46	n.a.	M10
T 11	15 9 52	15°52'30	5♐13	3° 8	27°54	18°31	28°59	6°27	4°32	8° 5	19°35	10°34	10°55	1°53	n.a.	T 11
W12	15 13 48	16°50'09	19°31	4°49	29° 7	19°10	29°11	6°35	4°32	8° 6	19°34	10°25	10°52	2° 0	n.a.	W12
T 13	15 17 45	17°47'51	3♑53	6°28	0♉21	19°48	29°22	6°42	4°32	8° 8	19°33	10°19	10°49	2° 6	n.a.	T 13
F 14	15 21 42	18°45'34	18°14	8° 5	1°35	20°26	29°33	6°50	4°32	8° 9	19°31	10°15	10°46	2°13	n.a.	F 14
S 15	15 25 38	19°43'19	2♒30	9°41	2°48	21° 5	29°45	6°57	4°D32	8°11	19°30	10°14	10°42	2°20	n.a.	S 15
S 16	15 29 35	20°41'06	16°40	11°15	4° 2	21°43	29°56	7° 5	4°32	8°12	19°29	10°14	10°39	2°26	n.a.	S 16
M17	15 33 31	21°38'56	0♓42	12°49	5°16	22°21	0♋ 8	7°13	4°32	8°14	19°28	10°14	10°36	2°33	n.a.	M17
T 18	15 37 28	22°36'47	14°36	14°20	6°30	23° 0	0°19	7°20	4°32	8°16	19°27	10°12	10°33	2°40	n.a.	T 18
W19	15 41 24	23°34'40	28°21	15°50	7°44	23°38	0°31	7°28	4°32	8°17	19°25	10° 9	10°30	2°46	n.a.	W19
T 20	15 45 21	24°32'36	11♈57	17°19	8°58	24°17	0°43	7°35	4°32	8°19	19°24	10° 2	10°27	2°53	n.a.	T 20
F 21	15 49 17	25°30'33	25°23	18°46	10°12	24°55	0°54	7°42	4°33	8°21	19°23	9°53	10°23	2°59	n.a.	F 21
S 22	15 53 14	26°28'33	8♉37	20°12	11°26	25°34	1° 6	7°50	4°33	8°23	19°22	9°42	10°20	3° 6	n.a.	S 22
S 23	15 57 11	27°26'34	21°38	21°36	12°40	26°12	1°18	7°57	4°33	8°24	19°21	9°30	10°17	3°13	n.a.	S 23
M24	16 1 7	28°24'38	4♊24	22°58	13°54	26°51	1°30	8° 5	4°34	8°26	19°20	9°18	10°14	3°19	n.a.	M24
T 25	16 5 4	29°22'43	16°56	24°19	15° 8	27°29	1°42	8°12	4°34	8°28	19°19	9° 7	10°11	3°26	n.a.	T 25
W26	16 9 0	0♊20'50	29°13	25°38	16°22	28° 8	1°54	8°19	4°35	8°30	19°18	8°58	10° 7	3°33	n.a.	W26
T 27	16 12 57	1°18'59	11♋18	26°56	17°37	28°46	2° 6	8°27	4°35	8°32	19°17	8°52	10° 4	3°39	n.a.	T 27
F 28	16 16 53	2°17'10	23°13	28°12	18°51	29°25	2°18	8°34	4°36	8°34	19°16	8°49	10° 1	3°46	n.a.	F 28
S 29	16 20 50	3°15'23	5♌ 2	29°26	20° 5	0♊ 4	2°31	8°41	4°36	8°36	19°15	8°D48	9°58	3°53	n.a.	S 29
S 30	16 24 46	4♊13'37	16♌49	0♋38	21♉20	0♊42	2♋43	8♉48	4♍37	8♋38	19♎14	8♒48	9♒55	3♌59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n 0	22n35	1n16	18n35	1n52	5n30	0s55	16n42	0n50	25n20	1n15	12n41	1s 0	10n50	0n49	25n10	1n17	5s32	2n38	17s47	17s50	21n29		n.a.
S 2	14 19	18 47	0 15	19 11	1 53	6 1	0 53	16 55	0 50	25 20	1 15	12 43	1 0	10 51	0 49	25 10	1 17	5 32	2 38	17 47	17 51	21 27		n.a.
M 3	14 38	14 14	0s48	19 44	1 54	6 31	0 50	17 7	0 51	25 20	1 15	12 46	1 0	10 51	0 49	25 9	1 17	5 31	2 38	17 47	17 52	21 24		n.a.
T 4	14 57	9 6	1 49	20 16	1 54	7 2	0 48	17 19	0 51	25 20	1 14	12 49	1 0	10 51	0 49	25 9	1 17	5 31	2 38	17 47	17 53	21 22		n.a.
W 5	15 16	3 33	2 47	20 45	1 53	7 32	0 46	17 31	0 52	25 20	1 14	12 51	0 59	10 51	0 48	25 9	1 17	5 30	2 37	17 48	17 54	21 20		n.a.
T 6	15 34	2s16	3 37	21 13	1 52	8 3	0 43	17 43	0 52	25 20	1 14	12 54	0 59	10 51	0 48	25 9	1 17	5 30	2 37	17 50	17 54	21 17		n.a.
F 7	15 53	8 8	4 18	21 38	1 51	8 33	0 41	17 55	0 52	25 20	1 14	12 57	0 59	10 51	0 48	25 9	1 17	5 29	2 37	17 52	17 55	21 15		n.a.
S 8	16 11	13 49	4 47	22 2	1 49	9 3	0 39	18 7	0 53	25 21	1 14	12 59	0 59	10 51	0 48	25 9	1 17	5 29	2 37	17 55	17 56	21 12		n.a.
S 9	16 28	18 59	5 0	22 23	1 46	9 33	0 36	18 18	0 53	25 21	1 14	13 2	0 59	10 52	0 48	25 9	1 17	5 29	2 37	17 58	17 57	21 10		n.a.
M10	16 46	23 16	4 56	22 43	1 43	10 2	0 34	18 30	0 53	25 21	1 14	13 5	0 59	10 52	0 48	25 9	1 17	5 28	2 37	18 2	17 58	21 8		n.a.
T 11	17 3	26 15	4 33	23 1	1 40	10 32	0 32	18 41	0 54	25 21	1 14	13 7	0 59	10 52	0 48	25 9	1 17	5 28	2 37	18 5	17 59	21 5		n.a.
W12	17 20	27 34	3 54	23 16	1 36	11 1	0 29	18 52	0 54	25 21	1 14	13 10	0 59	10 52	0 48	25 8	1 17	5 28	2 37	18 7	18 0	21 3		n.a.
T 13	17 37	27 3	3 0	23 30	1 32	11 30	0 27	19 3	0 55	25 21	1 14	13 13	0 59	10 52	0 48	25 8	1 17	5 27	2 36	18 9	18 1	21 0		n.a.
F 14	17 53	24 43	1 54	23 43	1 27	11 59	0 24	19 14	0 55	25 21	1 14	13 15	0 59	10 52	0 48	25 8	1 17	5 27	2 36	18 10	18 2	20 58		n.a.
S 15	18 10	20 49	0 41	23 53	1 22	12 27	0 22	19 25	0 55	25 21	1 14	13 18	0 59	10 52	0 48	25 8	1 17	5 26	2 36	18 10	18 3	20 56		n.a.
S 16	18 26	15 45	0n34	24 2	1 17	12 55	0 19	19 36	0 56	25 21	1 14	13 20	0 59	10 52	0 48	25 8	1 17	5 26	2 36	18 10	18 3	20 53		n.a.
M17	18 41	9 53	1 46	24 9	1 11	13 23	0 17	19 47	0 56	25 21	1 14	13 23	0 59	10 52	0 48	25 8	1 17	5 26	2 36	18 10	18 4	20 51		n.a.
T 18	18 56	3 36	2 51	24 15	1 5	13 50	0 14	19 57	0 56	25 20	1 14	13 26	0 59	10 52	0 48	25 8	1 17	5 25	2 36	18 11	18 5	20 48		n.a.
W19	19 11	2n46	3 46	24 19	0 59	14 18	0 12	20 7	0 57	25 20	1 14	13 28	0 59	10 51	0 48	25 8	1 17	5 25	2 36	18 12	18 6	20 46		n.a.
T 20	19 26	8 55	4 26	24 22	0 52	14 44	0 9	20 17	0 57	25 20	1 13	13 31	0 58	10 51	0 48	25 7	1 17	5 25	2 35	18 14	18 7	20 44		n.a.
F 21	19 41	14 35	4 52	24 23	0 45	15 11	0 7	20 28	0 57	25 20	1 13	13 33	0 58	10 51	0 48	25 7	1 17	5 25	2 35	18 16	18 8	20 41		n.a.
S 22	19 55	19 30	5 1	24 22	0 38	15 37	0 4	20 37	0 58	25 20	1 13	13 36	0 58	10 51	0 48	25 7	1 17	5 24	2 35	18 19	18 9	20 39		n.a.
S 23	20 8	23 25	4 55	24 21	0 31	16 3	0 2	20 47	0 58	25 20	1 13	13 38	0 58	10 51	0 48	25 7	1 17	5 24	2 35	18 23	18 10	20 36		n.a.
M24	20 22	26 6	4 33	24 18	0 23	16 28	0n 1	20 57	0 58	25 20	1 13	13 41	0 58	10 51	0 48	25 7	1 17	5 24	2 35	18 26	18 11	20 34		n.a.
T 25	20 35	27 25	3 59	24 14	0 15	16 53	0 3	21 6	0 59	25 19	1 13	13 43	0 58	10 50	0 48	25 7	1 17	5 23	2 35	18 29	18 11	20 31		n.a.
W26	20 48	27 21	3 14	24 9	0 7	17 17	0 6	21 16	0 59	25 19	1 13	13 46	0 58	10 50	0 48	25 7	1 17	5 23	2 34	18 31	18 12	20 29		n.a.
T 27	21 0	25 58	2 21	24 3	0s 2	17 41	0 8	21 25	0 59	25 19	1 13	13 48	0 58	10 50	0 47	25 6	1 17	5 23	2 34	18 33	18 13	20 26		n.a.
F 28	21 12	23 24	1 22	23 56	0 11	18 5	0 10	21 34	1 0	25 19	1 13	13 51	0 58	10 50	0 47	25 6	1 17	5 23	2 34	18 34	18 14	20 24		n.a.
S 29	21 24	19 52	0 20	23 47	0 19	18 28	0 13	21 43	1 0	25 19	1 13	13 53	0 58	10 49	0 47	25 6	1 17	5 22	2 34	18 34	18 15	20 22		n.a.
S 30	21n35	15n34	0s43	23n38	0s29	18n51	0n15	21n51	1n 0	25n18	1n13	13n55	0s58	10n49	0n47	25n 6	1n17	5s22	2n34	18s34	18s16	20n19		n.a.

Julian Day Number = 204691.5, Delta T = 32h03m42s
Ecliptic obliquity = 24°06'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'27, Lahiri = -61°00'27 Julian Calendar 1 June 4153 BCE == Greg. Calendar 29 Apr. 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

JULY 4153 BCE (-4152) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 28 43	5♊11'53	28♌39	1♋48	22♉34	1♊21	2♋55	8♉56	4♍38	8♋39	19°R13	8♒48	9♒52	4♌ 6	n.a.	M 1
T 2	16 32 40	6°10'11	10♍38	2°56	23°48	2° 0	3° 8	9° 3	4°39	8°41	19♎12	8°R48	9°48	4°13	n.a.	T 2
W 3	16 36 36	7° 8'31	22°51	4° 2	25° 3	2°38	3°20	9°10	4°40	8°43	19°11	8°47	9°45	4°19	n.a.	W 3
T 4	16 40 33	8° 6'52	5♎23	5° 6	26°17	3°17	3°33	9°17	4°41	8°45	19°10	8°44	9°42	4°26	n.a.	T 4
F 5	16 44 29	9° 5'16	18°19	6° 7	27°32	3°56	3°45	9°24	4°42	8°47	19° 9	8°38	9°39	4°33	n.a.	F 5
S 6	16 48 26	10° 3'41	1♏40	7° 5	28°46	4°34	3°58	9°31	4°43	8°49	19° 8	8°31	9°36	4°39	n.a.	S 6
S 7	16 52 22	11° 2'08	15°26	8° 1	0♊ 1	5°13	4°10	9°38	4°44	8°51	19° 8	8°22	9°33	4°46	n.a.	S 7
M 8	16 56 19	12° 0'38	29°37	8°54	1°15	5°52	4°23	9°45	4°45	8°53	19° 7	8°12	9°29	4°53	n.a.	M 8
T 9	17 0 15	12°59'09	14♐ 7	9°44	2°30	6°31	4°35	9°52	4°46	8°55	19° 6	8° 4	9°26	4°59	n.a.	T 9
W10	17 4 12	13°57'43	28°49	10°30	3°45	7° 9	4°48	9°59	4°47	8°58	19° 5	7°57	9°23	5° 6	n.a.	W10
T 11	17 8 9	14°56'19	13♑36	11°13	5° 0	7°48	5° 1	10° 5	4°49	9° 0	19° 5	7°53	9°20	5°12	n.a.	T 11
F 12	17 12 5	15°54'58	28°21	11°52	6°14	8°27	5°14	10°12	4°50	9° 2	19° 4	7°50	9°17	5°19	n.a.	F 12
S 13	17 16 2	16°53'38	12♒56	12°27	7°29	9° 6	5°26	10°19	4°51	9° 4	19° 3	7°D50	9°13	5°26	n.a.	S 13
S 14	17 19 58	17°52'21	27°19	12°57	8°44	9°45	5°39	10°25	4°53	9° 6	19° 3	7°51	9°10	5°32	n.a.	S 14
M15	17 23 55	18°51'07	11♓26	13°23	9°59	10°24	5°52	10°32	4°54	9° 8	19° 2	7°52	9° 7	5°39	n.a.	M15
T 16	17 27 51	19°49'55	25°17	13°44	11°14	11° 2	6° 5	10°39	4°56	9°10	19° 2	7°R52	9° 4	5°46	n.a.	T 16
W17	17 31 48	20°48'46	8♈53	13°59	12°29	11°41	6°18	10°45	4°57	9°12	19° 1	7°50	9° 1	5°52	n.a.	W17
T 18	17 35 44	21°47'39	22°13	14° 8	13°44	12°20	6°31	10°52	4°59	9°14	19° 1	7°47	8°58	5°59	n.a.	T 18
F 19	17 39 41	22°46'35	5♉19	14°R11	14°59	12°59	6°44	10°58	5° 1	9°17	19° 0	7°41	8°54	6° 6	n.a.	F 19
S 20	17 43 37	23°45'33	18°12	14° 8	16°14	13°38	6°57	11° 4	5° 2	9°19	19° 0	7°34	8°51	6°12	n.a.	S 20
S 21	17 47 34	24°44'34	0♊52	13°58	17°29	14°17	7°10	11°11	5° 4	9°21	18°59	7°26	8°48	6°19	n.a.	S 21
M22	17 51 30	25°43'37	13°20	13°40	18°44	14°56	7°23	11°17	5° 6	9°23	18°59	7°19	8°45	6°26	n.a.	M22
T 23	17 55 27	26°42'43	25°37	13°16	19°59	15°35	7°36	11°23	5° 8	9°25	18°59	7°12	8°42	6°32	n.a.	T 23
W24	17 59 24	27°41'50	7♋43	12°44	21°14	16°15	7°49	11°29	5°10	9°28	18°58	7° 6	8°39	6°39	n.a.	W24
T 25	18 3 20	28°41'01	19°41	12° 4	22°29	16°54	8° 2	11°35	5°12	9°30	18°58	7° 3	8°35	6°46	n.a.	T 25
F 26	18 7 17	29°40'13	1♌31	11°18	23°44	17°33	8°15	11°41	5°14	9°32	18°58	7°D 1	8°32	6°52	n.a.	F 26
S 27	18 11 13	0♋39'27	13°18	10°25	24°59	18°12	8°28	11°47	5°16	9°34	18°58	7° 1	8°29	6°59	n.a.	S 27
S 28	18 15 10	1°38'44	25° 4	9°27	26°15	18°51	8°41	11°53	5°18	9°36	18°57	7° 3	8°26	7° 5	n.a.	S 28
M29	18 19 6	2°38'02	6♍54	8°23	27°30	19°30	8°54	11°59	5°20	9°39	18°57	7° 4	8°23	7°12	n.a.	M29
T 30	18 23 3	3°37'23	18°51	7°16	28°45	20° 9	9° 8	12° 5	5°22	9°41	18°57	7° 6	8°19	7°19	n.a.	T 30
W31	18 26 59	4♋36'45	1♎ 2	6♋ 8	0♋ 0	20♊49	9♋21	12♉10	5♍24	9♋43	18♎57	7°R 7	8♒16	7♌25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	21n46	10n39	1s44	23n28	0s38	19n13	0n18	22n 0	1n 1	25n18	1n13	13n58	0s58	10n49	0n47	25n 6	1n17	5s22	2n34	18s34	18s17	20n17			n.a.
T 2	21 57	5 18	2 42	23 18	0 47	19 34	0 20	22 8	1 1	25 18	1 13	14 0	0 58	10 48	0 47	25 6	1 17	5 22	2 34	18 34	18 18	20 14			n.a.
W 3	22 7	0s20	3 33	23 6	0 57	19 56	0 22	22 16	1 1	25 17	1 13	14 2	0 58	10 48	0 47	25 6	1 17	5 22	2 33	18 34	18 18	20 12			n.a.
T 4	22 17	6 5	4 16	22 54	1 6	20 16	0 25	22 25	1 1	25 17	1 13	14 5	0 58	10 48	0 47	25 5	1 17	5 21	2 33	18 35	18 19	20 9			n.a.
F 5	22 26	11 46	4 46	22 42	1 16	20 36	0 27	22 32	1 2	25 17	1 13	14 7	0 58	10 47	0 47	25 5	1 17	5 21	2 33	18 37	18 20	20 7			n.a.
S 6	22 35	17 6	5 3	22 29	1 26	20 55	0 29	22 40	1 2	25 16	1 13	14 9	0 58	10 47	0 47	25 5	1 17	5 21	2 33	18 39	18 21	20 4			n.a.
S 7	22 44	21 44	5 3	22 16	1 36	21 14	0 31	22 48	1 2	25 16	1 13	14 12	0 58	10 46	0 47	25 5	1 17	5 21	2 33	18 41	18 22	20 2			n.a.
M 8	22 52	25 15	4 44	22 3	1 46	21 32	0 34	22 55	1 3	25 15	1 13	14 14	0 58	10 46	0 47	25 5	1 17	5 21	2 33	18 44	18 23	19 59			n.a.
T 9	23 0	27 14	4 8	21 49	1 56	21 50	0 36	23 2	1 3	25 15	1 13	14 16	0 58	10 45	0 47	25 5	1 17	5 21	2 32	18 46	18 24	19 57			n.a.
W10	23 7	27 20	3 14	21 35	2 6	22 7	0 38	23 9	1 3	25 14	1 13	14 19	0 58	10 45	0 47	25 5	1 17	5 20	2 32	18 48	18 25	19 54			n.a.
T 11	23 14	25 30	2 7	21 22	2 16	22 23	0 40	23 16	1 4	25 14	1 13	14 21	0 58	10 44	0 47	25 4	1 17	5 20	2 32	18 49	18 25	19 52			n.a.
F 12	23 21	21 54	0 51	21 9	2 26	22 39	0 42	23 23	1 4	25 13	1 13	14 23	0 58	10 44	0 47	25 4	1 17	5 20	2 32	18 49	18 26	19 49			n.a.
S 13	23 27	16 58	0n27	20 56	2 36	22 54	0 44	23 30	1 4	25 13	1 13	14 25	0 58	10 43	0 47	25 4	1 17	5 20	2 32	18 49	18 27	19 47			n.a.
S 14	23 32	11 8	1 43	20 43	2 45	23 8	0 46	23 36	1 4	25 12	1 13	14 27	0 58	10 43	0 47	25 4	1 17	5 20	2 32	18 49	18 28	19 44			n.a.
M15	23 38	4 51	2 51	20 32	2 55	23 22	0 48	23 42	1 5	25 12	1 13	14 29	0 58	10 42	0 47	25 4	1 17	5 20	2 31	18 49	18 29	19 42			n.a.
T 16	23 43	1n33	3 48	20 20	3 4	23 35	0 50	23 48	1 5	25 11	1 13	14 32	0 58	10 41	0 47	25 4	1 17	5 20	2 31	18 49	18 30	19 39			n.a.
W17	23 47	7 44	4 30	20 10	3 12	23 47	0 52	23 54	1 5	25 11	1 13	14 34	0 57	10 41	0 47	25 4	1 17	5 20	2 31	18 49	18 31	19 36			n.a.
T 18	23 51	13 27	4 57	20 1	3 20	23 59	0 54	24 0	1 6	25 10	1 13	14 36	0 57	10 40	0 46	25 3	1 17	5 20	2 31	18 50	18 31	19 34			n.a.
F 19	23 55	18 29	5 8	19 54	3 28	24 10	0 56	24 5	1 6	25 9	1 13	14 38	0 57	10 39	0 46	25 3	1 17	5 20	2 31	18 52	18 32	19 31			n.a.
S 20	23 58	22 34	5 3	19 47	3 34	24 20	0 57	24 10	1 6	25 9	1 13	14 40	0 57	10 39	0 46	25 3	1 17	5 20	2 31	18 54	18 33	19 29			n.a.
S 21	24 0	25 31	4 43	19 43	3 40	24 29	0 59	24 16	1 6	25 8	1 13	14 42	0 57	10 38	0 46	25 3	1 17	5 20	2 30	18 56	18 34	19 26			n.a.
M22	24 2	27 11	4 10	19 40	3 45	24 38	1 1	24 20	1 7	25 7	1 13	14 44	0 57	10 37	0 46	25 3	1 17	5 20	2 30	18 58	18 35	19 24			n.a.
T 23	24 4	27 28	3 26	19 38	3 49	24 46	1 2	24 25	1 7	25 6	1 13	14 46	0 57	10 36	0 46	25 3	1 17	5 20	2 30	19 0	18 36	19 21			n.a.
W24	24 5	26 25	2 33	19 39	3 51	24 53	1 4	24 30	1 7	25 6	1 13	14 48	0 57	10 36	0 46	25 2	1 17	5 20	2 30	19 1	18 37	19 19			n.a.
T 25	24 6	24 10	1 33	19 42	3 52	24 59	1 5	24 34	1 7	25 5	1 13	14 50	0 57	10 35	0 46	25 2	1 17	5 20	2 30	19 2	18 37	19 16			n.a.
F 26	24 7	20 52	0 30	19 47	3 51	25 4	1 7	24 38	1 8	25 4	1 13	14 52	0 57	10 34	0 46	25 2	1 17	5 20	2 29	19 2	18 38	19 13			n.a.
S 27	24 7	16 45	0s34	19 54	3 48	25 9	1 8	24 42	1 8	25 3	1 13	14 53	0 57	10 33	0 46	25 2	1 17	5 20	2 29	19 2	18 39	19 11			n.a.
S 28	24 6	12 1	1 37	20 4	3 43	25 13	1 10	24 46	1 8	25 2	1 13	14 55	0 57	10 32	0 46	25 2	1 17	5 20	2 29	19 2	18 40	19 8			n.a.
M29	24 5	6 49	2 36	20 15	3 36	25 16	1 11	24 49	1 9	25 1	1 13	14 57	0 57	10 32	0 46	25 2	1 17	5 20	2 29	19 2	18 41	19 6			n.a.
T 30	24 4	1 20	3 29	20 28	3 27	25 19	1 12	24 53	1 9	25 1	1 13	14 59	0 57	10 31	0 46	25 1	1 17	5 20	2 29	19 1	18 42	19 3			n.a.
W31	24n 2	4s17	4s14	20n42	3s16	25n20	1n13	24n56	1n 9	25n 0	1n13	15n 1	0s57	10n30	0n46	25n 1	1n17	5s21	2n29	19s 1	18s43	19n 0			n.a.

Julian Day Number = 204721.5, Delta T = 32h03m39s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'23, Lahiri = -61°00'23 Julian Calendar 1 July 4153 BCE == Greg. Calendar 29 May 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

AUGUST 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 30 56	5♋36'10	13♎31	4°R59	1♋16	21♊28	9♋34	12♉16	5♍27	9♋45	18°R57	7°R 7	8♒13	7♌32	n.a.	T 1
F 2	18 34 52	6°35'36	26°23	3♋51	2°31	22° 7	9°47	12°21	5°29	9°48	18♎57	7♒ 5	8°10	7°39	n.a.	F 2
S 3	18 38 49	7°35'05	9♏41	2°47	3°46	22°46	10° 0	12°27	5°31	9°50	18°D57	7° 2	8° 7	7°45	n.a.	S 3
S 4	18 42 45	8°34'36	23°26	1°48	5° 2	23°26	10°13	12°32	5°34	9°52	18°57	6°58	8° 4	7°52	n.a.	S 4
M 5	18 46 42	9°34'09	7♐39	0°56	6°17	24° 5	10°27	12°38	5°36	9°54	18°57	6°54	8° 0	7°59	n.a.	M 5
T 6	18 50 38	10°33'44	22°17	0°12	7°33	24°44	10°40	12°43	5°39	9°57	18°57	6°50	7°57	8° 5	n.a.	T 6
W 7	18 54 35	11°33'21	7♑12	29♊38	8°48	25°24	10°53	12°48	5°41	9°59	18°57	6°47	7°54	8°12	n.a.	W 7
T 8	18 58 32	12°33'01	22°17	29°14	10° 3	26° 3	11° 6	12°53	5°44	10° 1	18°57	6°45	7°51	8°19	n.a.	T 8
F 9	19 2 28	13°32'42	7♒23	29° 1	11°19	26°43	11°19	12°58	5°46	10° 3	18°57	6°D45	7°48	8°25	n.a.	F 9
S 10	19 6 25	14°32'26	22°21	28°D58	12°34	27°22	11°33	13° 3	5°49	10° 6	18°57	6°45	7°45	8°32	n.a.	S 10
S 11	19 10 21	15°32'13	7♓ 4	29° 7	13°50	28° 2	11°46	13° 8	5°52	10° 8	18°58	6°47	7°41	8°39	n.a.	S 11
M12	19 14 18	16°32'02	21°27	29°26	15° 5	28°41	11°59	13°13	5°54	10°10	18°58	6°48	7°38	8°45	n.a.	M12
T 13	19 18 14	17°31'53	5♈27	29°55	16°21	29°21	12°12	13°17	5°57	10°12	18°58	6°49	7°35	8°52	n.a.	T 13
W14	19 22 11	18°31'47	19° 4	0♋33	17°36	0♋ 0	12°25	13°22	6° 0	10°15	18°59	6°R50	7°32	8°58	n.a.	W14
T 15	19 26 7	19°31'43	2♉19	1°21	18°52	0°40	12°38	13°27	6° 3	10°17	18°59	6°49	7°29	9° 5	n.a.	T 15
F 16	19 30 4	20°31'42	15°15	2°16	20° 7	1°19	12°52	13°31	6° 6	10°19	18°59	6°48	7°25	9°12	n.a.	F 16
S 17	19 34 0	21°31'44	27°54	3°18	21°23	1°59	13° 5	13°35	6° 8	10°21	19° 0	6°46	7°22	9°18	n.a.	S 17
S 18	19 37 57	22°31'47	10♊18	4°26	22°38	2°39	13°18	13°40	6°11	10°23	19° 0	6°44	7°19	9°25	n.a.	S 18
M19	19 41 53	23°31'54	22°31	5°40	23°54	3°18	13°31	13°44	6°14	10°26	19° 1	6°42	7°16	9°32	n.a.	M19
T 20	19 45 50	24°32'02	4♋35	6°59	25°10	3°58	13°44	13°48	6°17	10°28	19° 1	6°40	7°13	9°38	n.a.	T 20
W21	19 49 46	25°32'13	16°31	8°22	26°25	4°38	13°57	13°52	6°20	10°30	19° 2	6°39	7°10	9°45	n.a.	W21
T 22	19 53 43	26°32'25	28°22	9°48	27°41	5°18	14°10	13°56	6°23	10°32	19° 2	6°38	7° 6	9°52	n.a.	T 22
F 23	19 57 40	27°32'40	10♌ 9	11°17	28°56	5°57	14°23	14° 0	6°26	10°34	19° 3	6°D38	7° 3	9°58	n.a.	F 23
S 24	20 1 36	28°32'57	21°56	12°48	0♌12	6°37	14°36	14° 3	6°29	10°37	19° 3	6°38	7° 0	10° 5	n.a.	S 24
S 25	20 5 33	29°33'16	3♍44	14°22	1°28	7°17	14°49	14° 7	6°33	10°39	19° 4	6°39	6°57	10°12	n.a.	S 25
M26	20 9 29	0♌33'36	15°36	15°57	2°43	7°57	15° 2	14°11	6°36	10°41	19° 5	6°39	6°54	10°18	n.a.	M26
T 27	20 13 26	1°33'58	27°37	17°33	3°59	8°37	15°15	14°14	6°39	10°43	19° 5	6°40	6°51	10°25	n.a.	T 27
W28	20 17 22	2°34'23	9♎48	19°10	5°15	9°17	15°28	14°17	6°42	10°45	19° 6	6°41	6°47	10°32	n.a.	W28
T 29	20 21 19	3°34'48	22°15	20°48	6°30	9°56	15°41	14°21	6°45	10°47	19° 7	6°41	6°44	10°38	n.a.	T 29
F 30	20 25 15	4°35'16	5♏ 1	22°27	7°46	10°36	15°54	14°24	6°49	10°49	19° 8	6°R41	6°41	10°45	n.a.	F 30
S 31	20 29 12	5♌35'45	18♏11	24♋ 5	9♌ 2	11♋16	16♋ 7	14♉27	6♍52	10♋51	19♎ 9	6♒41	6♒38	10♌51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n59	9s52	4s48	20n58	3s 3	25n21	1n14	24n59	1n 9	24n59	1n13	15n 3	0s57	10n29	0n46	25n 1	1n17	5s21	2n28	19s 1	18s43	18n58		n.a.
F 2	23 57	15 13	5 8	21 16	2 48	25 21	1 15	25 2	1 9	24 58	1 13	15 4	0 57	10 28	0 46	25 1	1 17	5 21	2 28	19 1	18 44	18 55		n.a.
S 3	23 53	20 3	5 13	21 34	2 32	25 20	1 16	25 4	1 10	24 57	1 14	15 6	0 57	10 27	0 46	25 1	1 17	5 21	2 28	19 2	18 45	18 53		n.a.
S 4	23 50	24 0	5 1	21 52	2 14	25 18	1 17	25 7	1 10	24 56	1 14	15 8	0 57	10 26	0 46	25 1	1 17	5 21	2 28	19 3	18 46	18 50		n.a.
M 5	23 45	26 38	4 30	22 11	1 55	25 16	1 18	25 9	1 10	24 55	1 14	15 9	0 57	10 25	0 46	25 0	1 17	5 21	2 28	19 4	18 47	18 47		n.a.
T 6	23 41	27 33	3 41	22 31	1 36	25 12	1 19	25 11	1 10	24 54	1 14	15 11	0 57	10 24	0 46	25 0	1 17	5 21	2 28	19 5	18 48	18 45		n.a.
W 7	23 36	26 30	2 36	22 50	1 17	25 8	1 20	25 13	1 11	24 53	1 14	15 13	0 57	10 23	0 46	25 0	1 17	5 22	2 27	19 6	18 48	18 42		n.a.
T 8	23 30	23 30	1 19	23 9	0 58	25 4	1 20	25 14	1 11	24 52	1 14	15 14	0 57	10 22	0 46	25 0	1 17	5 22	2 27	19 6	18 49	18 40		n.a.
F 9	23 24	18 53	0n 4	23 28	0 39	24 58	1 21	25 15	1 11	24 51	1 14	15 16	0 57	10 21	0 46	25 0	1 17	5 22	2 27	19 7	18 50	18 37		n.a.
S 10	23 18	13 7	1 25	23 46	0 20	24 51	1 22	25 17	1 11	24 49	1 14	15 17	0 57	10 20	0 46	25 0	1 17	5 22	2 27	19 6	18 51	18 34		n.a.
S 11	23 11	6 42	2 40	24 4	0 3	24 44	1 22	25 18	1 12	24 48	1 14	15 19	0 57	10 19	0 46	25 0	1 17	5 23	2 27	19 6	18 52	18 32		n.a.
M12	23 3	0 6	3 42	24 20	0n13	24 36	1 23	25 18	1 12	24 47	1 14	15 20	0 57	10 18	0 46	24 59	1 17	5 23	2 27	19 6	18 53	18 29		n.a.
T 13	22 56	6n20	4 30	24 35	0 28	24 27	1 23	25 19	1 12	24 46	1 14	15 22	0 57	10 17	0 45	24 59	1 17	5 23	2 26	19 5	18 53	18 26		n.a.
W14	22 47	12 17	5 1	24 49	0 42	24 18	1 23	25 19	1 12	24 45	1 14	15 23	0 57	10 16	0 45	24 59	1 17	5 23	2 26	19 5	18 54	18 24		n.a.
T 15	22 39	17 31	5 15	25 2	0 55	24 7	1 24	25 19	1 12	24 44	1 14	15 25	0 57	10 15	0 45	24 59	1 17	5 24	2 26	19 5	18 55	18 21		n.a.
F 16	22 30	21 50	5 13	25 12	1 7	23 56	1 24	25 19	1 13	24 42	1 14	15 26	0 57	10 14	0 45	24 59	1 17	5 24	2 26	19 6	18 56	18 18		n.a.
S 17	22 20	25 2	4 55	25 21	1 17	23 44	1 24	25 19	1 13	24 41	1 14	15 27	0 57	10 13	0 45	24 59	1 17	5 24	2 26	19 6	18 57	18 16		n.a.
S 18	22 10	26 58	4 24	25 28	1 26	23 32	1 24	25 18	1 13	24 40	1 15	15 29	0 57	10 12	0 45	24 58	1 17	5 25	2 25	19 7	18 58	18 13		n.a.
M19	22 0	27 34	3 41	25 33	1 33	23 19	1 24	25 18	1 13	24 39	1 15	15 30	0 57	10 10	0 45	24 58	1 17	5 25	2 25	19 7	18 58	18 10		n.a.
T 20	21 49	26 50	2 49	25 35	1 40	23 5	1 24	25 17	1 13	24 37	1 15	15 31	0 57	10 9	0 45	24 58	1 17	5 25	2 25	19 8	18 59	18 8		n.a.
W21	21 38	24 52	1 49	25 36	1 46	22 50	1 24	25 15	1 14	24 36	1 15	15 32	0 57	10 8	0 45	24 58	1 17	5 26	2 25	19 8	19 0	18 5		n.a.
T 22	21 26	21 49	0 46	25 34	1 50	22 34	1 24	25 14	1 14	24 35	1 15	15 33	0 57	10 7	0 45	24 58	1 17	5 26	2 25	19 8	19 1	18 2		n.a.
F 23	21 14	17 53	0s20	25 31	1 54	22 18	1 23	25 13	1 14	24 33	1 15	15 35	0 57	10 6	0 45	24 58	1 17	5 26	2 25	19 8	19 2	18 0		n.a.
S 24	21 2	13 16	1 24	25 25	1 57	22 2	1 23	25 11	1 14	24 32	1 15	15 36	0 57	10 5	0 45	24 57	1 17	5 27	2 24	19 8	19 3	17 57		n.a.
S 25	20 49	8 10	2 25	25 17	1 58	21 44	1 23	25 9	1 14	24 31	1 15	15 37	0 57	10 3	0 45	24 57	1 17	5 27	2 24	19 8	19 3	17 54		n.a.
M26	20 36	2 46	3 20	25 7	2 0	21 26	1 22	25 7	1 15	24 29	1 15	15 38	0 57	10 2	0 45	24 57	1 17	5 28	2 24	19 8	19 4	17 52		n.a.
T 27	20 22	2s47	4 7	24 54	2 0	21 7	1 22	25 4	1 15	24 28	1 15	15 39	0 57	10 1	0 45	24 57	1 17	5 28	2 24	19 8	19 5	17 49		n.a.
W28	20 8	8 19	4 44	24 40	2 0	20 48	1 21	25 2	1 15	24 26	1 16	15 40	0 57	10 0	0 45	24 57	1 17	5 29	2 24	19 8	19 6	17 46		n.a.
T 29	19 54	13 38	5 8	24 25	1 59	20 28	1 20	24 59	1 15	24 25	1 16	15 41	0 57	9 58	0 45	24 57	1 17	5 29	2 24	19 8	19 7	17 44		n.a.
F 30	19 39	18 32	5 18	24 7	1 57	20 7	1 20	24 56	1 15	24 23	1 16	15 42	0 57	9 57	0 45	24 57	1 17	5 30	2 23	19 8	19 8	17 41		n.a.
S 31	19n24	22s42	5s12	23n48	1n56	19n46	1n19	24n52	1n15	24n22	1n16	15n43	0s57	9n56	0n45	24n56	1n17	5s30	2n23	19s 8	19s 8	17n38		n.a.

Julian Day Number = 204752.5, Delta T = 32h03m36s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'19, Lahiri = -61°00'19 Julian Calendar 1 Aug. 4153 BCE == Greg. Calendar 29 June 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

SEPTEMBER 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 33 8	6♌36'16	1♐46	25♋45	10♌17	11♋56	16♋20	14♉30	6♍55	10♋54	19♎10	6°D41	6♒35	10♌58	n.a.	S 1
M 2	20 37 5	7°36'48	15°48	27°24	11°33	12°36	16°33	14°33	6°59	10°56	19°10	6♒41	6°31	11° 5	n.a.	M 2
T 3	20 41 1	8°37'23	0♑17	29° 3	12°48	13°16	16°45	14°36	7° 2	10°58	19°11	6°41	6°28	11°11	n.a.	T 3
W 4	20 44 58	9°37'58	15° 8	0♌42	14° 4	13°57	16°58	14°38	7° 5	11° 0	19°12	6°41	6°25	11°18	n.a.	W 4
T 5	20 48 55	10°38'36	0♒15	2°21	15°20	14°37	17°11	14°41	7° 9	11° 2	19°13	6°R41	6°22	11°25	n.a.	T 5
F 6	20 52 51	11°39'15	15°30	4° 0	16°35	15°17	17°23	14°43	7°12	11° 4	19°14	6°41	6°19	11°31	n.a.	F 6
S 7	20 56 48	12°39'56	0♓42	5°39	17°51	15°57	17°36	14°46	7°16	11° 6	19°15	6°41	6°16	11°38	n.a.	S 7
S 8	21 0 44	13°40'38	15°42	7°17	19° 6	16°37	17°48	14°48	7°19	11° 8	19°16	6°40	6°12	11°45	n.a.	S 8
M 9	21 4 41	14°41'22	0♈23	8°55	20°22	17°17	18° 1	14°50	7°23	11°10	19°17	6°39	6° 9	11°51	n.a.	M 9
T 10	21 8 37	15°42'09	14°38	10°33	21°38	17°58	18°13	14°52	7°26	11°12	19°19	6°38	6° 6	11°58	n.a.	T 10
W11	21 12 34	16°42'57	28°26	12°11	22°53	18°38	18°26	14°54	7°30	11°13	19°20	6°38	6° 3	12° 5	n.a.	W11
T 12	21 16 30	17°43'47	11♉47	13°48	24° 9	19°18	18°38	14°56	7°33	11°15	19°21	6°D37	6° 0	12°11	n.a.	T 12
F 13	21 20 27	18°44'39	24°42	15°25	25°25	19°58	18°50	14°57	7°37	11°17	19°22	6°37	5°57	12°18	n.a.	F 13
S 14	21 24 23	19°45'33	7♊17	17° 2	26°40	20°39	19° 3	14°59	7°40	11°19	19°23	6°38	5°53	12°25	n.a.	S 14
S 15	21 28 20	20°46'28	19°34	18°38	27°56	21°19	19°15	15° 0	7°44	11°21	19°25	6°39	5°50	12°31	n.a.	S 15
M16	21 32 17	21°47'26	1♋37	20°14	29°11	21°59	19°27	15° 2	7°47	11°23	19°26	6°40	5°47	12°38	n.a.	M16
T 17	21 36 13	22°48'25	13°32	21°50	0♍27	22°40	19°39	15° 3	7°51	11°25	19°27	6°42	5°44	12°44	n.a.	T 17
W18	21 40 10	23°49'25	25°21	23°26	1°42	23°20	19°51	15° 4	7°55	11°26	19°28	6°43	5°41	12°51	n.a.	W18
T 19	21 44 6	24°50'28	7♌ 8	25° 1	2°58	24° 1	20° 3	15° 5	7°58	11°28	19°30	6°R43	5°37	12°58	n.a.	T 19
F 20	21 48 3	25°51'31	18°55	26°37	4°14	24°41	20°15	15° 6	8° 2	11°30	19°31	6°43	5°34	13° 4	n.a.	F 20
S 21	21 51 59	26°52'36	0♍45	28°12	5°29	25°22	20°27	15° 7	8° 6	11°32	19°33	6°41	5°31	13°11	n.a.	S 21
S 22	21 55 56	27°53'42	12°40	29°47	6°45	26° 2	20°39	15° 8	8° 9	11°33	19°34	6°38	5°28	13°18	n.a.	S 22
M23	21 59 52	28°54'49	24°40	1♍21	8° 0	26°43	20°51	15° 8	8°13	11°35	19°35	6°35	5°25	13°24	n.a.	M23
T 24	22 3 49	29°55'57	6♎50	2°56	9°16	27°24	21° 2	15° 9	8°17	11°37	19°37	6°31	5°22	13°31	n.a.	T 24
W25	22 7 45	0♍57'06	19° 9	4°30	10°31	28° 4	21°14	15° 9	8°20	11°38	19°38	6°27	5°18	13°38	n.a.	W25
T 26	22 11 42	1°58'16	1♏41	6° 4	11°47	28°45	21°26	15° 9	8°24	11°40	19°40	6°23	5°15	13°44	n.a.	T 26
F 27	22 15 39	2°59'27	14°28	7°38	13° 2	29°25	21°37	15°10	8°28	11°41	19°41	6°20	5°12	13°51	n.a.	F 27
S 28	22 19 35	4° 0'39	27°33	9°12	14°18	0♌ 6	21°48	15°R10	8°31	11°43	19°43	6°19	5° 9	13°58	n.a.	S 28
S 29	22 23 32	5° 1'52	10♐59	10°46	15°33	0°47	22° 0	15°10	8°35	11°44	19°45	6°D19	5° 6	14° 4	n.a.	S 29
M30	22 27 28	6♍ 3'05	24♐46	12♍20	16♍49	1♌28	22♋11	15♉ 9	8♍39	11♋46	19♎46	6♒20	5♒ 3	14♌11	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n 9	25s48	4s48	23n27	1n53	19n25	1n18	24n49	1n16	24n20	1n16	15n44	0s57	9n54	0n45	24n56	1n17	5s30	2n23	19s 8	19s 9	17n35		n.a.
M 2	18 53	27 25	4 7	23 4	1 50	19 2	1 17	24 45	1 16	24 19	1 16	15 45	0 57	9 53	0 45	24 56	1 17	5 31	2 23	19 8	19 10	17 33		n.a.
T 3	18 37	27 16	3 9	22 40	1 47	18 39	1 16	24 41	1 16	24 17	1 16	15 45	0 57	9 52	0 45	24 56	1 17	5 32	2 23	19 8	19 11	17 30		n.a.
W 4	18 20	25 10	1 57	22 15	1 44	18 16	1 15	24 37	1 16	24 16	1 16	15 46	0 57	9 51	0 45	24 56	1 17	5 32	2 23	19 8	19 12	17 27		n.a.
T 5	18 3	21 15	0 36	21 48	1 40	17 52	1 14	24 33	1 16	24 14	1 16	15 47	0 57	9 49	0 45	24 56	1 17	5 33	2 22	19 7	19 12	17 24		n.a.
F 6	17 46	15 52	0n49	21 21	1 35	17 28	1 13	24 29	1 16	24 13	1 17	15 48	0 57	9 48	0 45	24 56	1 17	5 33	2 22	19 7	19 13	17 22		n.a.
S 7	17 29	9 31	2 10	20 52	1 31	17 3	1 12	24 24	1 16	24 11	1 17	15 48	0 57	9 47	0 45	24 55	1 17	5 34	2 22	19 8	19 14	17 19		n.a.
S 8	17 11	2 44	3 20	20 21	1 26	16 38	1 11	24 19	1 17	24 10	1 17	15 49	0 57	9 45	0 45	24 55	1 18	5 34	2 22	19 8	19 15	17 16		n.a.
M 9	16 53	4n 3	4 16	19 50	1 21	16 12	1 9	24 14	1 17	24 8	1 17	15 50	0 57	9 44	0 45	24 55	1 18	5 35	2 22	19 8	19 16	17 14		n.a.
T 10	16 35	10 25	4 54	19 18	1 16	15 46	1 8	24 8	1 17	24 7	1 17	15 50	0 57	9 43	0 45	24 55	1 18	5 35	2 22	19 8	19 17	17 11		n.a.
W11	16 16	16 5	5 14	18 45	1 11	15 19	1 7	24 3	1 17	24 5	1 17	15 51	0 57	9 41	0 45	24 55	1 18	5 36	2 21	19 8	19 17	17 8		n.a.
T 12	15 57	20 47	5 16	18 12	1 5	14 52	1 5	23 57	1 17	24 3	1 17	15 51	0 57	9 40	0 45	24 55	1 18	5 37	2 21	19 9	19 18	17 5		n.a.
F 13	15 38	24 21	5 2	17 37	1 0	14 25	1 4	23 51	1 17	24 2	1 18	15 52	0 57	9 38	0 45	24 55	1 18	5 37	2 21	19 9	19 19	17 3		n.a.
S 14	15 18	26 37	4 33	17 2	0 54	13 57	1 2	23 45	1 17	24 0	1 18	15 52	0 58	9 37	0 45	24 54	1 18	5 38	2 21	19 8	19 20	17 0		n.a.
S 15	14 58	27 33	3 53	16 25	0 48	13 28	1 1	23 39	1 18	23 58	1 18	15 53	0 58	9 36	0 45	24 54	1 18	5 38	2 21	19 8	19 21	16 57		n.a.
M16	14 38	27 9	3 2	15 49	0 42	13 0	0 59	23 32	1 18	23 57	1 18	15 53	0 58	9 34	0 45	24 54	1 18	5 39	2 21	19 8	19 21	16 54		n.a.
T 17	14 18	25 29	2 5	15 11	0 36	12 31	0 57	23 26	1 18	23 55	1 18	15 54	0 58	9 33	0 45	24 54	1 18	5 40	2 20	19 7	19 22	16 52		n.a.
W18	13 57	22 41	1 3	14 33	0 30	12 2	0 56	23 19	1 18	23 53	1 18	15 54	0 58	9 31	0 45	24 54	1 18	5 40	2 20	19 7	19 23	16 49		n.a.
T 19	13 36	18 58	0s 2	13 55	0 24	11 32	0 54	23 11	1 18	23 52	1 19	15 54	0 58	9 30	0 45	24 54	1 18	5 41	2 20	19 7	19 24	16 46		n.a.
F 20	13 15	14 31	1 7	13 16	0 17	11 2	0 52	23 4	1 18	23 50	1 19	15 55	0 58	9 29	0 45	24 54	1 18	5 42	2 20	19 7	19 25	16 43		n.a.
S 21	12 54	9 31	2 9	12 36	0 11	10 32	0 50	22 57	1 18	23 48	1 19	15 55	0 58	9 27	0 45	24 54	1 18	5 42	2 20	19 8	19 25	16 40		n.a.
S 22	12 32	4 9	3 6	11 57	0 5	10 2	0 48	22 49	1 18	23 47	1 19	15 55	0 58	9 26	0 45	24 54	1 18	5 43	2 20	19 8	19 26	16 38		n.a.
M23	12 11	1s24	3 54	11 16	0s 2	9 31	0 46	22 41	1 18	23 45	1 19	15 55	0 58	9 24	0 45	24 53	1 18	5 44	2 20	19 9	19 27	16 35		n.a.
T 24	11 49	6 57	4 33	10 36	0 8	9 0	0 44	22 33	1 18	23 43	1 19	15 55	0 58	9 23	0 45	24 53	1 18	5 45	2 19	19 10	19 28	16 32		n.a.
W25	11 26	12 18	5 0	9 55	0 14	8 29	0 42	22 25	1 18	23 42	1 20	15 55	0 58	9 22	0 45	24 53	1 18	5 45	2 19	19 11	19 29	16 29		n.a.
T 26	11 4	17 16	5 13	9 13	0 21	7 57	0 40	22 16	1 19	23 40	1 20	15 55	0 58	9 20	0 45	24 53	1 18	5 46	2 19	19 12	19 29	16 27		n.a.
F 27	10 41	21 34	5 11	8 32	0 27	7 26	0 38	22 8	1 19	23 38	1 20	15 55	0 58	9 19	0 45	24 53	1 18	5 47	2 19	19 13	19 30	16 24		n.a.
S 28	10 19	24 55	4 53	7 50	0 33	6 54	0 36	21 59	1 19	23 37	1 20	15 55	0 58	9 17	0 45	24 53	1 18	5 47	2 19	19 13	19 31	16 21		n.a.
S 29	9 56	26 59	4 19	7 8	0 39	6 22	0 34	21 50	1 19	23 35	1 20	15 55	0 58	9 16	0 44	24 53	1 18	5 48	2 19	19 13	19 32	16 18		n.a.
M30	9n33	27s29	3s29	6n25	0s45	5n50	0n32	21n41	1n19	23n33	1n21	15n55	0s58	9n14	0n44	24n53	1n18	5s49	2n19	19s13	19s33	16n15		n.a.

Julian Day Number = 204783.5, Delta T = 32h03m32s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'15, Lahiri = -61°00'14 Julian Calendar 1 Sept. 4153 BCE == Greg. Calendar 30 July 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

OCTOBER 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 31 25	7♍ 4'19	8♉57	13♍54	18♍ 4	2♌ 8	22♋22	15°R 9	8♍43	11♋47	19♎48	6♒22	4♒59	14♌18	n.a.	T 1
W 2	22 35 21	8° 5'34	23°29	15°28	19°19	2°49	22°33	15♉ 9	8°46	11°49	19°50	6°23	4°56	14°24	n.a.	W 2
T 3	22 39 18	9° 6'49	8♒21	17° 2	20°35	3°30	22°44	15° 8	8°50	11°50	19°51	6°R23	4°53	14°31	n.a.	T 3
F 4	22 43 15	10° 8'05	23°24	18°35	21°50	4°11	22°55	15° 7	8°54	11°52	19°53	6°22	4°50	14°37	n.a.	F 4
S 5	22 47 11	11° 9'21	8♓33	20° 9	23° 6	4°52	23° 6	15° 7	8°57	11°53	19°55	6°20	4°47	14°44	n.a.	S 5
S 6	22 51 8	12°10'38	23°36	21°43	24°21	5°33	23°17	15° 6	9° 1	11°54	19°56	6°15	4°43	14°51	n.a.	S 6
M 7	22 55 4	13°11'56	8♈24	23°16	25°36	6°14	23°27	15° 5	9° 5	11°56	19°58	6° 9	4°40	14°57	n.a.	M 7
T 8	22 59 1	14°13'14	22°50	24°50	26°52	6°54	23°38	15° 4	9° 8	11°57	20° 0	6° 3	4°37	15° 4	n.a.	T 8
W 9	23 2 57	15°14'34	6♉49	26°23	28° 7	7°35	23°48	15° 3	9°12	11°58	20° 2	5°57	4°34	15°11	n.a.	W 9
T 10	23 6 54	16°15'54	20°20	27°57	29°22	8°16	23°59	15° 1	9°16	11°59	20° 3	5°53	4°31	15°17	n.a.	T 10
F 11	23 10 50	17°17'15	3♊22	29°30	0♎37	8°57	24° 9	15° 0	9°20	12° 1	20° 5	5°50	4°28	15°24	n.a.	F 11
S 12	23 14 47	18°18'37	15°59	1♎ 3	1°53	9°39	24°19	14°58	9°23	12° 2	20° 7	5°D49	4°24	15°31	n.a.	S 12
S 13	23 18 44	19°20'00	28°17	2°36	3° 8	10°20	24°29	14°57	9°27	12° 3	20° 9	5°49	4°21	15°37	n.a.	S 13
M14	23 22 40	20°21'23	10♋18	4° 9	4°23	11° 1	24°39	14°55	9°31	12° 4	20°11	5°51	4°18	15°44	n.a.	M14
T 15	23 26 37	21°22'47	22°10	5°41	5°38	11°42	24°49	14°53	9°34	12° 5	20°12	5°52	4°15	15°51	n.a.	T 15
W16	23 30 33	22°24'11	3♌57	7°13	6°54	12°23	24°59	14°51	9°38	12° 6	20°14	5°R53	4°12	15°57	n.a.	W16
T 17	23 34 30	23°25'36	15°42	8°44	8° 9	13° 4	25° 9	14°49	9°42	12° 7	20°16	5°52	4° 8	16° 4	n.a.	T 17
F 18	23 38 26	24°27'01	27°32	10°15	9°24	13°45	25°18	14°47	9°45	12° 8	20°18	5°50	4° 5	16°11	n.a.	F 18
S 19	23 42 23	25°28'27	9♍27	11°45	10°39	14°27	25°28	14°45	9°49	12° 9	20°20	5°45	4° 2	16°17	n.a.	S 19
S 20	23 46 20	26°29'53	21°31	13°15	11°54	15° 8	25°37	14°42	9°52	12°10	20°22	5°37	3°59	16°24	n.a.	S 20
M21	23 50 16	27°31'18	3♎45	14°43	13°10	15°49	25°46	14°40	9°56	12°11	20°24	5°28	3°56	16°30	n.a.	M21
T 22	23 54 13	28°32'44	16° 9	16°10	14°25	16°31	25°56	14°37	10° 0	12°12	20°26	5°17	3°53	16°37	n.a.	T 22
W23	23 58 9	29°34'10	28°45	17°35	15°40	17°12	26° 5	14°35	10° 3	12°12	20°28	5° 7	3°49	16°44	n.a.	W23
T 24	0 2 6	0♎35'36	11♏32	18°58	16°55	17°53	26°14	14°32	10° 7	12°13	20°30	4°57	3°46	16°50	n.a.	T 24
F 25	0 6 2	1°37'01	24°31	20°19	18°10	18°35	26°22	14°29	10°10	12°14	20°32	4°49	3°43	16°57	n.a.	F 25
S 26	0 9 59	2°38'26	7♐43	21°37	19°25	19°16	26°31	14°26	10°14	12°15	20°34	4°44	3°40	17° 4	n.a.	S 26
S 27	0 13 56	3°39'51	21° 8	22°53	20°40	19°57	26°40	14°23	10°17	12°15	20°36	4°41	3°37	17°10	n.a.	S 27
M28	0 17 52	4°41'15	4♑49	24° 4	21°55	20°39	26°48	14°20	10°21	12°16	20°38	4°D40	3°34	17°17	n.a.	M28
T 29	0 21 49	5°42'39	18°45	25°11	23°10	21°20	26°56	14°17	10°24	12°17	20°40	4°40	3°30	17°24	n.a.	T 29
W30	0 25 45	6°44'02	2♒57	26°13	24°25	22° 2	27° 4	14°14	10°28	12°17	20°42	4°R41	3°27	17°30	n.a.	W30
T 31	0 29 42	7♎45'24	17♒25	27♎ 9	25♎40	22♌43	27♋12	14♉10	10♍31	12♋18	20♎44	4♒40	3♒24	17♌37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	9n 9	26s13	2s25	5n43	0s51	5n18	0n29	21n31	1n19	23n32	1n21	15n55	0s58	9n13	0n44	24n53	1n18	5s50	2n18	19s13	19s33	16n13			n.a.
W 2	8 46	23 9	1 10	5 0	0 57	4 45	0 27	21 22	1 19	23 30	1 21	15 55	0 58	9 12	0 44	24 53	1 19	5 50	2 18	19 12	19 34	16 10			n.a.
T 3	8 22	18 31	0n11	4 18	1 3	4 13	0 25	21 12	1 19	23 28	1 21	15 55	0 58	9 10	0 44	24 52	1 19	5 51	2 18	19 12	19 35	16 7			n.a.
F 4	7 59	12 39	1 32	3 35	1 9	3 40	0 23	21 2	1 19	23 27	1 21	15 55	0 58	9 9	0 44	24 52	1 19	5 52	2 18	19 12	19 36	16 4			n.a.
S 5	7 35	6 2	2 47	2 52	1 15	3 8	0 20	20 52	1 19	23 25	1 22	15 55	0 58	9 7	0 44	24 52	1 19	5 53	2 18	19 13	19 37	16 1			n.a.
S 6	7 11	0n53	3 49	2 9	1 20	2 35	0 18	20 42	1 19	23 23	1 22	15 54	0 58	9 6	0 44	24 52	1 19	5 54	2 18	19 14	19 37	15 58			n.a.
M 7	6 47	7 37	4 35	1 27	1 25	2 2	0 16	20 31	1 19	23 22	1 22	15 54	0 58	9 4	0 44	24 52	1 19	5 54	2 18	19 16	19 38	15 56			n.a.
T 8	6 23	13 47	5 3	0 44	1 31	1 29	0 13	20 21	1 19	23 20	1 22	15 54	0 58	9 3	0 44	24 52	1 19	5 55	2 17	19 17	19 39	15 53			n.a.
W 9	5 58	19 3	5 11	0 1	1 36	0 56	0 11	20 10	1 19	23 18	1 23	15 53	0 58	9 1	0 44	24 52	1 19	5 56	2 17	19 19	19 40	15 50			n.a.
T 10	5 34	23 9	5 1	0s41	1 40	0 23	0 9	19 59	1 19	23 17	1 23	15 53	0 58	9 0	0 44	24 52	1 19	5 57	2 17	19 20	19 40	15 47			n.a.
F 11	5 9	25 56	4 36	1 23	1 45	0s10	0 6	19 48	1 19	23 15	1 23	15 53	0 58	8 59	0 44	24 52	1 19	5 58	2 17	19 21	19 41	15 44			n.a.
S 12	4 45	27 18	3 58	2 5	1 49	0 43	0 4	19 36	1 19	23 13	1 23	15 52	0 58	8 57	0 44	24 52	1 19	5 58	2 17	19 21	19 42	15 41			n.a.
S 13	4 20	27 16	3 10	2 47	1 53	1 16	0 1	19 25	1 19	23 12	1 23	15 52	0 58	8 56	0 44	24 52	1 19	5 59	2 17	19 21	19 43	15 39			n.a.
M14	3 55	25 56	2 14	3 28	1 57	1 48	0s 1	19 13	1 19	23 10	1 24	15 51	0 58	8 54	0 44	24 52	1 19	6 0	2 17	19 20	19 44	15 36			n.a.
T 15	3 31	23 27	1 14	4 9	2 0	2 21	0 4	19 2	1 19	23 8	1 24	15 51	0 58	8 53	0 44	24 52	1 19	6 1	2 16	19 20	19 44	15 33			n.a.
W16	3 6	19 59	0 11	4 49	2 3	2 54	0 6	18 50	1 19	23 7	1 24	15 50	0 58	8 52	0 44	24 52	1 19	6 2	2 16	19 20	19 45	15 30			n.a.
T 17	2 41	15 44	0s53	5 29	2 6	3 27	0 8	18 38	1 19	23 5	1 24	15 49	0 58	8 50	0 44	24 52	1 19	6 3	2 16	19 20	19 46	15 27			n.a.
F 18	2 16	10 53	1 54	6 7	2 8	4 0	0 11	18 25	1 19	23 4	1 25	15 49	0 58	8 49	0 44	24 52	1 19	6 3	2 16	19 21	19 47	15 24			n.a.
S 19	1 51	5 37	2 51	6 45	2 10	4 32	0 13	18 13	1 19	23 2	1 25	15 48	0 58	8 47	0 44	24 52	1 19	6 4	2 16	19 22	19 47	15 21			n.a.
S 20	1 26	0 6	3 40	7 22	2 11	5 5	0 16	18 0	1 19	23 1	1 25	15 47	0 58	8 46	0 44	24 52	1 19	6 5	2 16	19 24	19 48	15 19			n.a.
M21	1 1	5s29	4 20	7 58	2 12	5 37	0 18	17 48	1 19	22 59	1 25	15 47	0 58	8 45	0 45	24 52	1 20	6 6	2 16	19 26	19 49	15 16			n.a.
T 22	0 36	10 56	4 49	8 33	2 12	6 9	0 21	17 35	1 19	22 58	1 26	15 46	0 58	8 43	0 45	24 51	1 20	6 7	2 16	19 29	19 50	15 13			n.a.
W23	0 11	16 2	5 3	9 6	2 11	6 41	0 23	17 22	1 19	22 56	1 26	15 45	0 58	8 42	0 45	24 51	1 20	6 8	2 15	19 32	19 51	15 10			n.a.
T 24	0s15	20 30	5 3	9 38	2 10	7 13	0 25	17 9	1 19	22 55	1 26	15 44	0 57	8 40	0 45	24 51	1 20	6 9	2 15	19 34	19 51	15 7			n.a.
F 25	0 40	24 4	4 48	10 7	2 8	7 45	0 28	16 56	1 19	22 53	1 26	15 43	0 57	8 39	0 45	24 51	1 20	6 10	2 15	19 36	19 52	15 4			n.a.
S 26	1 5	26 26	4 17	10 35	2 5	8 16	0 30	16 42	1 19	22 52	1 27	15 43	0 57	8 38	0 45	24 51	1 20	6 10	2 15	19 37	19 53	15 1			n.a.
S 27	1 30	27 19	3 31	11 0	2 1	8 48	0 33	16 29	1 19	22 50	1 27	15 42	0 57	8 36	0 45	24 51	1 20	6 11	2 15	19 38	19 54	14 59			n.a.
M28	1 55	26 34	2 33	11 23	1 57	9 19	0 35	16 15	1 19	22 49	1 27	15 41	0 57	8 35	0 45	24 51	1 20	6 12	2 15	19 38	19 54	14 56			n.a.
T 29	2 20	24 9	1 24	11 43	1 51	9 49	0 37	16 1	1 19	22 47	1 28	15 40	0 57	8 34	0 45	24 51	1 20	6 13	2 15	19 38	19 55	14 53			n.a.
W30	2 45	20 12	0 9	12 0	1 44	10 20	0 40	15 47	1 18	22 46	1 28	15 39	0 57	8 32	0 45	24 51	1 20	6 14	2 15	19 38	19 56	14 50			n.a.
T 31	3s10	14s59	1n 7	12s14	1s36	10s50	0s42	15n33	1n18	22n45	1n28	15n38	0s57	8n31	0n45	24n51	1n20	6s15	2n15	19s38	19s57	14n47			n.a.

Julian Day Number = 204813.5, Delta T = 32h03m29s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'11, Lahiri = -61°00'10 Julian Calendar 1 Oct. 4153 BCE == Greg. Calendar 29 Aug. 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

NOVEMBER 4153 BCE (-4152) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 33 39	8♎46'46	2♓ 5	27♎59	26♎55	23♌25	27♋20	14°R 7	10♍34	12♋18	20♎46	4°R37	3♒21	17♌44	n.a.	F 1
S 2	0 37 35	9°48'07	16°51	28°41	28°10	24° 6	27°28	14♉ 3	10°38	12°19	20°48	4♒32	3°18	17°50	n.a.	S 2
S 3	0 41 32	10°49'27	1♈38	29°14	29°25	24°48	27°36	14° 0	10°41	12°19	20°50	4°24	3°14	17°57	n.a.	S 3
M 4	0 45 28	11°50'47	16°16	29°38	0♏39	25°29	27°43	13°56	10°44	12°20	20°52	4°13	3°11	18° 4	n.a.	M 4
T 5	0 49 25	12°52'07	0♉38	29°52	1°54	26°11	27°50	13°52	10°48	12°20	20°54	4° 2	3° 8	18°10	n.a.	T 5
W 6	0 53 21	13°53'26	14°38	29°R56	3° 9	26°53	27°58	13°48	10°51	12°20	20°56	3°51	3° 5	18°17	n.a.	W 6
T 7	0 57 18	14°54'44	28°12	29°47	4°24	27°34	28° 5	13°44	10°54	12°21	20°58	3°41	3° 2	18°24	n.a.	T 7
F 8	1 1 15	15°56'02	11♊19	29°27	5°39	28°16	28°12	13°40	10°57	12°21	21° 0	3°33	2°59	18°30	n.a.	F 8
S 9	1 5 11	16°57'20	24° 1	28°56	6°53	28°58	28°18	13°36	11° 1	12°21	21° 2	3°29	2°55	18°37	n.a.	S 9
S 10	1 9 8	17°58'37	6♋22	28°13	8° 8	29°40	28°25	13°32	11° 4	12°21	21° 5	3°26	2°52	18°44	n.a.	S 10
M11	1 13 4	18°59'54	18°26	27°19	9°23	0♍21	28°32	13°28	11° 7	12°21	21° 7	3°D26	2°49	18°50	n.a.	M11
T 12	1 17 1	20° 1'10	0♌19	26°17	10°37	1° 3	28°38	13°24	11°10	12°22	21° 9	3°R26	2°46	18°57	n.a.	T 12
W13	1 20 57	21° 2'25	12° 6	25° 7	11°52	1°45	28°44	13°20	11°13	12°22	21°11	3°26	2°43	19° 3	n.a.	W13
T 14	1 24 54	22° 3'40	23°53	23°52	13° 7	2°27	28°50	13°15	11°16	12°22	21°13	3°24	2°39	19°10	n.a.	T 14
F 15	1 28 51	23° 4'54	5♍45	22°35	14°21	3° 9	28°56	13°11	11°19	12°R22	21°15	3°20	2°36	19°17	n.a.	F 15
S 16	1 32 47	24° 6'07	17°46	21°17	15°36	3°51	29° 2	13° 6	11°22	12°22	21°17	3°13	2°33	19°23	n.a.	S 16
S 17	1 36 44	25° 7'19	29°59	20° 1	16°51	4°32	29° 7	13° 2	11°25	12°22	21°19	3° 3	2°30	19°30	n.a.	S 17
M18	1 40 40	26° 8'30	12♎26	18°50	18° 5	5°14	29°13	12°57	11°28	12°22	21°21	2°50	2°27	19°37	n.a.	M18
T 19	1 44 37	27° 9'41	25° 7	17°44	19°20	5°56	29°18	12°53	11°31	12°21	21°23	2°37	2°24	19°43	n.a.	T 19
W20	1 48 33	28°10'50	8♏ 4	16°46	20°34	6°38	29°23	12°48	11°34	12°21	21°25	2°22	2°20	19°50	n.a.	W20
T 21	1 52 30	29°11'58	21°13	15°56	21°49	7°20	29°28	12°44	11°37	12°21	21°27	2° 9	2°17	19°57	n.a.	T 21
F 22	1 56 27	0♏13'05	4♐34	15°15	23° 3	8° 2	29°32	12°39	11°39	12°21	21°30	1°58	2°14	20° 3	n.a.	F 22
S 23	2 0 23	1°14'10	18° 5	14°42	24°18	8°44	29°37	12°34	11°42	12°21	21°32	1°50	2°11	20°10	n.a.	S 23
S 24	2 4 20	2°15'14	1♑45	14°19	25°32	9°26	29°41	12°29	11°45	12°20	21°34	1°46	2° 8	20°17	n.a.	S 24
M25	2 8 16	3°16'16	15°32	14° 5	26°46	10° 8	29°46	12°25	11°47	12°20	21°36	1°43	2° 5	20°23	n.a.	M25
T 26	2 12 13	4°17'17	29°28	13°D59	28° 1	10°50	29°50	12°20	11°50	12°20	21°38	1°43	2° 1	20°30	n.a.	T 26
W27	2 16 10	5°18'16	13♒31	14° 1	29°15	11°32	29°53	12°15	11°53	12°19	21°40	1°43	1°58	20°37	n.a.	W27
T 28	2 20 6	6°19'13	27°41	14°10	0♐29	12°15	29°57	12°10	11°55	12°19	21°42	1°42	1°55	20°43	n.a.	T 28
F 29	2 24 3	7°20'08	11♓57	14°26	1°44	12°57	0♌ 1	12° 5	11°58	12°19	21°44	1°38	1°52	20°50	n.a.	F 29
S 30	2 27 59	8♏21'02	26♓16	14♎49	2♐58	13♍39	0♌ 4	12♉ 0	12♍ 0	12♋18	21♎46	1♒32	1♒49	20♌57	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3 s34	8 s51	2n21	12 s24	1 s27	11 s20	0 s44	15n19	1n18	22n43	1n28	15n37	0 s57	8n30	0n45	24n51	1n20	6 s16	2n14	19 s39	19 s57	14n44		n.a.
S 2	3 59	2 12	3 25	12 29	1 16	11 50	0 46	15 5	1 18	22 42	1 29	15 36	0 57	8 28	0 45	24 51	1 20	6 17	2 14	19 40	19 58	14 41		n.a.
S 3	4 24	4n32	4 15	12 30	1 4	12 20	0 49	14 51	1 18	22 41	1 29	15 35	0 57	8 27	0 45	24 51	1 20	6 17	2 14	19 42	19 59	14 38		n.a.
M 4	4 49	10 58	4 48	12 27	0 51	12 49	0 51	14 36	1 18	22 40	1 29	15 34	0 57	8 26	0 45	24 51	1 20	6 18	2 14	19 45	20 0	14 35		n.a.
T 5	5 13	16 42	5 2	12 18	0 36	13 18	0 53	14 21	1 18	22 38	1 30	15 33	0 57	8 25	0 45	24 51	1 20	6 19	2 14	19 48	20 0	14 33		n.a.
W 6	5 38	21 23	4 57	12 4	0 20	13 46	0 55	14 7	1 18	22 37	1 30	15 31	0 57	8 23	0 45	24 52	1 20	6 20	2 14	19 50	20 1	14 30		n.a.
T 7	6 2	24 47	4 35	11 45	0 3	14 14	0 57	13 52	1 18	22 36	1 30	15 30	0 57	8 22	0 45	24 52	1 21	6 21	2 14	19 53	20 2	14 27		n.a.
F 8	6 26	26 44	4 0	11 21	0n16	14 42	0 59	13 37	1 17	22 35	1 31	15 29	0 57	8 21	0 45	24 52	1 21	6 22	2 14	19 54	20 3	14 24		n.a.
S 9	6 51	27 11	3 13	10 51	0 35	15 10	1 1	13 22	1 17	22 34	1 31	15 28	0 57	8 20	0 45	24 52	1 21	6 23	2 14	19 55	20 3	14 21		n.a.
S 10	7 15	26 16	2 19	10 17	0 55	15 37	1 3	13 6	1 17	22 33	1 31	15 27	0 57	8 18	0 45	24 52	1 21	6 24	2 14	19 56	20 4	14 18		n.a.
M11	7 39	24 6	1 19	9 39	1 15	16 3	1 5	12 51	1 17	22 32	1 31	15 25	0 57	8 17	0 45	24 52	1 21	6 25	2 13	19 56	20 5	14 15		n.a.
T 12	8 2	20 55	0 17	8 57	1 35	16 29	1 7	12 36	1 17	22 31	1 32	15 24	0 57	8 16	0 45	24 52	1 21	6 25	2 13	19 56	20 6	14 12		n.a.
W13	8 26	16 55	0 s46	8 14	1 54	16 55	1 9	12 20	1 17	22 30	1 32	15 23	0 57	8 15	0 45	24 52	1 21	6 26	2 13	19 56	20 6	14 9		n.a.
T 14	8 50	12 16	1 46	7 29	2 12	17 20	1 11	12 5	1 16	22 29	1 32	15 22	0 57	8 14	0 45	24 52	1 21	6 27	2 13	19 57	20 7	14 6		n.a.
F 15	9 13	7 9	2 42	6 44	2 28	17 45	1 13	11 49	1 16	22 28	1 33	15 20	0 57	8 12	0 45	24 52	1 21	6 28	2 13	19 58	20 8	14 3		n.a.
S 16	9 36	1 44	3 32	6 1	2 43	18 10	1 15	11 33	1 16	22 27	1 33	15 19	0 56	8 11	0 45	24 52	1 21	6 29	2 13	19 59	20 9	14 0		n.a.
S 17	9 59	3 s50	4 12	5 21	2 55	18 33	1 16	11 17	1 16	22 26	1 33	15 18	0 56	8 10	0 45	24 52	1 21	6 30	2 13	20 2	20 9	13 58		n.a.
M18	10 22	9 20	4 41	4 43	3 6	18 57	1 18	11 1	1 16	22 25	1 34	15 16	0 56	8 9	0 45	24 52	1 21	6 31	2 13	20 5	20 10	13 55		n.a.
T 19	10 45	14 34	4 57	4 10	3 14	19 20	1 20	10 45	1 15	22 24	1 34	15 15	0 56	8 8	0 45	24 52	1 21	6 32	2 13	20 8	20 11	13 52		n.a.
W20	11 7	19 16	4 58	3 42	3 20	19 42	1 21	10 29	1 15	22 24	1 34	15 14	0 56	8 7	0 45	24 52	1 21	6 33	2 13	20 11	20 12	13 49		n.a.
T 21	11 30	23 7	4 44	3 19	3 24	20 3	1 23	10 13	1 15	22 23	1 35	15 12	0 56	8 6	0 45	24 52	1 21	6 33	2 12	20 14	20 12	13 46		n.a.
F 22	11 52	25 48	4 13	3 1	3 25	20 25	1 24	9 56	1 15	22 22	1 35	15 11	0 56	8 5	0 45	24 52	1 21	6 34	2 12	20 17	20 13	13 43		n.a.
S 23	12 14	27 1	3 28	2 49	3 25	20 45	1 25	9 40	1 14	22 21	1 35	15 10	0 56	8 4	0 45	24 52	1 21	6 35	2 12	20 19	20 14	13 40		n.a.
S 24	12 36	26 37	2 31	2 41	3 24	21 5	1 27	9 23	1 14	22 21	1 36	15 8	0 56	8 3	0 45	24 53	1 21	6 36	2 12	20 20	20 15	13 37		n.a.
M25	12 57	24 35	1 24	2 38	3 21	21 25	1 28	9 7	1 14	22 20	1 36	15 7	0 56	8 2	0 45	24 53	1 22	6 37	2 12	20 20	20 15	13 34		n.a.
T 26	13 18	21 2	0 12	2 39	3 17	21 43	1 29	8 50	1 14	22 20	1 36	15 5	0 56	8 1	0 45	24 53	1 22	6 38	2 12	20 20	20 16	13 31		n.a.
W27	13 39	16 15	1n 2	2 45	3 12	22 2	1 30	8 33	1 13	22 19	1 37	15 4	0 56	8 0	0 45	24 53	1 22	6 39	2 12	20 20	20 17	13 28		n.a.
T 28	14 0	10 33	2 13	2 54	3 6	22 19	1 32	8 17	1 13	22 19	1 37	15 2	0 56	7 59	0 45	24 53	1 22	6 39	2 12	20 21	20 17	13 25		n.a.
F 29	14 21	4 17	3 15	3 6	2 59	22 36	1 33	8 0	1 13	22 18	1 37	15 1	0 55	7 58	0 45	24 53	1 22	6 40	2 12	20 21	20 18	13 22		n.a.
S 30	14 s41	2n13	4n 6	3 s22	2n52	22 s52	1 s34	7n43	1n12	22n18	1n38	15n 0	0 s55	7n57	0n45	24n53	1n22	6 s41	2n12	20 s23	20 s19	13n19		n.a.

Julian Day Number = 204844.5, Delta T = 32h03m26s
Ecliptic obliquity = 24°06'54, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'07, Lahiri = -61°00'06 Julian Calendar 1 Nov. 4153 BCE == Greg. Calendar 29 Sept. 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4153 BCE
geocentric

DECEMBER 4153 BCE (-4152) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 31 56	9♏21'53	10♈35	15♎17	4♐12	14♍21	0♌ 7	11°R56	12♍ 3	12°R18	21♎48	1°R23	1♒45	21♌ 3	n.a.	S 1
M 2	2 35 52	10°22'43	24°48	15°51	5°26	15° 3	0°10	11♉51	12° 5	12♋17	21°50	1♒12	1°42	21°10	n.a.	M 2
T 3	2 39 49	11°23'32	8♉50	16°29	6°40	15°45	0°13	11°46	12° 7	12°16	21°52	0°59	1°39	21°17	n.a.	T 3
W 4	2 43 46	12°24'18	22°35	17°12	7°54	16°28	0°15	11°41	12°10	12°16	21°54	0°47	1°36	21°23	n.a.	W 4
T 5	2 47 42	13°25'04	6♊ 0	17°59	9° 8	17°10	0°18	11°36	12°12	12°15	21°56	0°36	1°33	21°30	n.a.	T 5
F 6	2 51 39	14°25'48	19° 3	18°50	10°22	17°52	0°20	11°31	12°14	12°14	21°58	0°27	1°30	21°37	n.a.	F 6
S 7	2 55 35	15°26'30	1♋45	19°44	11°36	18°34	0°22	11°26	12°16	12°14	22° 0	0°21	1°26	21°43	n.a.	S 7
S 8	2 59 32	16°27'11	14° 6	20°41	12°50	19°17	0°24	11°22	12°18	12°13	22° 2	0°18	1°23	21°50	n.a.	S 8
M 9	3 3 28	17°27'50	26°13	21°41	14° 4	19°59	0°26	11°17	12°20	12°12	22° 4	0°D16	1°20	21°56	n.a.	M 9
T 10	3 7 25	18°28'27	8♌ 7	22°43	15°18	20°41	0°27	11°12	12°22	12°12	22° 5	0°17	1°17	22° 3	n.a.	T 10
W11	3 11 22	19°29'03	19°56	23°48	16°32	21°23	0°28	11° 7	12°24	12°11	22° 7	0°R17	1°14	22°10	n.a.	W11
T 12	3 15 18	20°29'38	1♍45	24°56	17°46	22° 6	0°30	11° 2	12°26	12°10	22° 9	0°16	1°11	22°16	n.a.	T 12
F 13	3 19 15	21°30'11	13°39	26° 5	19° 0	22°48	0°30	10°58	12°28	12° 9	22°11	0°14	1° 7	22°23	n.a.	F 13
S 14	3 23 11	22°30'42	25°42	27°16	20°13	23°31	0°31	10°53	12°30	12° 8	22°13	0° 9	1° 4	22°30	n.a.	S 14
S 15	3 27 8	23°31'11	8♎ 1	28°29	21°27	24°13	0°32	10°48	12°32	12° 7	22°15	0° 1	1° 1	22°36	n.a.	S 15
M16	3 31 4	24°31'39	20°36	29°44	22°41	24°55	0°32	10°43	12°34	12° 6	22°17	29♑52	0°58	22°43	n.a.	M16
T 17	3 35 1	25°32'05	3♏31	1♏ 0	23°54	25°38	0°R32	10°39	12°35	12° 5	22°18	29°40	0°55	22°50	n.a.	T 17
W18	3 38 57	26°32'29	16°44	2°18	25° 8	26°20	0°32	10°34	12°37	12° 4	22°20	29°29	0°51	22°56	n.a.	W18
T 19	3 42 54	27°32'51	0♐16	3°37	26°21	27° 3	0°32	10°30	12°39	12° 3	22°22	29°18	0°48	23° 3	n.a.	T 19
F 20	3 46 51	28°33'12	14° 2	4°58	27°35	27°45	0°32	10°25	12°40	12° 2	22°24	29° 9	0°45	23°10	n.a.	F 20
S 21	3 50 47	29°33'30	27°59	6°20	28°48	28°28	0°31	10°21	12°42	12° 1	22°26	29° 3	0°42	23°16	n.a.	S 21
S 22	3 54 44	0♐33'46	12♑ 4	7°43	0♑ 2	29°10	0°30	10°16	12°43	12° 0	22°27	28°59	0°39	23°23	n.a.	S 22
M23	3 58 40	1°34'00	26°12	9° 7	1°15	29°53	0°29	10°12	12°44	11°59	22°29	28°D58	0°36	23°30	n.a.	M23
T 24	4 2 37	2°34'11	10♒22	10°33	2°28	0♎35	0°28	10° 8	12°46	11°58	22°31	28°58	0°32	23°36	n.a.	T 24
W25	4 6 33	3°34'20	24°30	12° 0	3°42	1°18	0°27	10° 3	12°47	11°56	22°32	28°59	0°29	23°43	n.a.	W25
T 26	4 10 30	4°34'26	8♓37	13°28	4°55	2° 0	0°25	9°59	12°48	11°55	22°34	28°R59	0°26	23°50	n.a.	T 26
F 27	4 14 26	5°34'30	22°41	14°57	6° 8	2°43	0°23	9°55	12°50	11°54	22°36	28°58	0°23	23°56	n.a.	F 27
S 28	4 18 23	6°34'32	6♈40	16°27	7°21	3°25	0°21	9°51	12°51	11°53	22°37	28°54	0°20	24° 3	n.a.	S 28
S 29	4 22 20	7°34'31	20°34	17°59	8°34	4° 8	0°19	9°47	12°52	11°51	22°39	28°48	0°17	24°10	n.a.	S 29
M30	4 26 16	8°34'27	4♉18	19°31	9°47	4°50	0°17	9°43	12°53	11°50	22°40	28°41	0°13	24°16	n.a.	M30
T 31	4 30 13	9♐34'21	17♉52	21♏ 5	11♑ 0	5♎33	0♌14	9♉39	12♍54	11♋49	22♎42	28♑32	0♒10	24♌23	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s 1	8n35	4n41	3s40	2n44	23s 8	1s34	7n26	1n12	22n17	1n38	14n58	0s55	7n56	0n45	24n53	1n22	6s42	2n12	20s25	20s20	13n16		n.a.
M 2	15 21	14 28	4 59	4 1	2 36	23 23	1 35	7 9	1 12	22 17	1 38	14 57	0 55	7 55	0 45	24 53	1 22	6 43	2 12	20 27	20 20	13 13		n.a.
T 3	15 40	19 31	4 58	4 24	2 28	23 37	1 36	6 52	1 11	22 17	1 39	14 55	0 55	7 54	0 45	24 53	1 22	6 44	2 12	20 30	20 21	13 10		n.a.
W 4	15 59	23 25	4 39	4 49	2 19	23 50	1 37	6 35	1 11	22 17	1 39	14 54	0 55	7 53	0 45	24 54	1 22	6 44	2 11	20 33	20 22	13 7		n.a.
T 5	16 18	25 57	4 6	5 15	2 10	24 3	1 37	6 17	1 11	22 16	1 40	14 52	0 55	7 52	0 45	24 54	1 22	6 45	2 11	20 35	20 23	13 4		n.a.
F 6	16 37	26 58	3 20	5 43	2 1	24 15	1 38	6 0	1 10	22 16	1 40	14 51	0 55	7 51	0 45	24 54	1 22	6 46	2 11	20 37	20 23	13 1		n.a.
S 7	16 55	26 31	2 25	6 13	1 52	24 26	1 39	5 43	1 10	22 16	1 40	14 50	0 55	7 51	0 45	24 54	1 22	6 47	2 11	20 39	20 24	12 58		n.a.
S 8	17 13	24 45	1 25	6 43	1 43	24 37	1 39	5 25	1 10	22 16	1 41	14 48	0 54	7 50	0 45	24 54	1 22	6 48	2 11	20 39	20 25	12 55		n.a.
M 9	17 31	21 51	0 22	7 14	1 34	24 47	1 39	5 8	1 9	22 16	1 41	14 47	0 54	7 49	0 46	24 54	1 22	6 48	2 11	20 40	20 25	12 53		n.a.
T 10	17 49	18 5	0s42	7 47	1 25	24 56	1 40	4 50	1 9	22 16	1 41	14 45	0 54	7 48	0 46	24 54	1 22	6 49	2 11	20 40	20 26	12 50		n.a.
W11	18 6	13 38	1 43	8 20	1 15	25 4	1 40	4 33	1 8	22 16	1 42	14 44	0 54	7 48	0 46	24 54	1 22	6 50	2 11	20 40	20 27	12 47		n.a.
T 12	18 22	8 41	2 39	8 53	1 6	25 12	1 40	4 15	1 8	22 16	1 42	14 42	0 54	7 47	0 46	24 54	1 22	6 51	2 11	20 40	20 28	12 44		n.a.
F 13	18 39	3 24	3 29	9 28	0 57	25 18	1 40	3 58	1 8	22 16	1 42	14 41	0 54	7 46	0 46	24 55	1 23	6 52	2 11	20 40	20 28	12 41		n.a.
S 14	18 55	2s 4	4 11	10 2	0 49	25 24	1 40	3 40	1 7	22 17	1 43	14 40	0 54	7 45	0 46	24 55	1 23	6 52	2 11	20 41	20 29	12 38		n.a.
S 15	19 11	7 33	4 41	10 37	0 40	25 30	1 40	3 22	1 7	22 17	1 43	14 38	0 54	7 45	0 46	24 55	1 23	6 53	2 11	20 43	20 30	12 35		n.a.
M16	19 26	12 51	4 59	11 12	0 31	25 34	1 40	3 5	1 6	22 17	1 43	14 37	0 53	7 44	0 46	24 55	1 23	6 54	2 11	20 45	20 30	12 32		n.a.
T 17	19 41	17 45	5 2	11 48	0 23	25 38	1 40	2 47	1 6	22 17	1 44	14 36	0 53	7 43	0 46	24 55	1 23	6 55	2 11	20 48	20 31	12 29		n.a.
W18	19 56	21 55	4 50	12 23	0 14	25 41	1 39	2 29	1 5	22 18	1 44	14 34	0 53	7 43	0 46	24 55	1 23	6 55	2 11	20 50	20 32	12 26		n.a.
T 19	20 10	25 1	4 20	12 59	0 6	25 43	1 39	2 12	1 5	22 18	1 45	14 33	0 53	7 42	0 46	24 55	1 23	6 56	2 10	20 52	20 33	12 23		n.a.
F 20	20 24	26 42	3 36	13 34	0s 2	25 44	1 38	1 54	1 4	22 19	1 45	14 32	0 53	7 42	0 46	24 56	1 23	6 57	2 10	20 54	20 33	12 20		n.a.
S 21	20 37	26 44	2 38	14 10	0 10	25 44	1 38	1 36	1 4	22 19	1 45	14 30	0 53	7 41	0 46	24 56	1 23	6 58	2 10	20 56	20 34	12 17		n.a.
S 22	20 50	25 2	1 29	14 45	0 17	25 44	1 37	1 18	1 3	22 20	1 46	14 29	0 53	7 41	0 46	24 56	1 23	6 58	2 10	20 56	20 35	12 14		n.a.
M23	21 3	21 45	0 15	15 20	0 25	25 43	1 37	1 0	1 3	22 20	1 46	14 28	0 53	7 40	0 46	24 56	1 23	6 59	2 10	20 57	20 35	12 11		n.a.
T 24	21 16	17 10	1n 1	15 55	0 32	25 41	1 36	0 42	1 2	22 21	1 46	14 26	0 52	7 40	0 46	24 56	1 23	7 0	2 10	20 57	20 36	12 8		n.a.
W25	21 27	11 39	2 13	16 29	0 39	25 39	1 35	0 25	1 2	22 21	1 47	14 25	0 52	7 39	0 46	24 56	1 23	7 0	2 10	20 56	20 37	12 5		n.a.
T 26	21 39	5 33	3 16	17 3	0 46	25 35	1 34	0 7	1 1	22 22	1 47	14 24	0 52	7 39	0 46	24 57	1 23	7 1	2 10	20 56	20 38	12 2		n.a.
F 27	21 50	0n47	4 8	17 37	0 53	25 31	1 33	0s11	1 0	22 23	1 47	14 23	0 52	7 38	0 46	24 57	1 23	7 2	2 10	20 57	20 38	11 59		n.a.
S 28	22 1	7 3	4 44	18 10	0 59	25 26	1 32	0 29	1 0	22 24	1 48	14 22	0 52	7 38	0 46	24 57	1 23	7 2	2 10	20 57	20 39	11 56		n.a.
S 29	22 11	12 54	5 3	18 42	1 5	25 20	1 31	0 47	0 59	22 24	1 48	14 20	0 52	7 37	0 46	24 57	1 23	7 3	2 10	20 59	20 40	11 53		n.a.
M30	22 21	18 5	5 5	19 14	1 11	25 14	1 30	1 5	0 59	22 25	1 48	14 19	0 52	7 37	0 46	24 57	1 23	7 4	2 10	21 0	20 40	11 50		n.a.
T 31	22s31	22n15	4n50	19s45	1s16	25s 7	1s28	1s23	0n58	22n26	1n49	14n18	0s51	7n37	0n46	24n57	1n23	7s 4	2n10	21s 2	20s41	11n47		n.a.

Julian Day Number = 204874.5, Delta T = 32h03m23s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°07'03, Lahiri = -61°00'02 Julian Calendar 1 Dec. 4153 BCE == Greg. Calendar 29 Oct. 4153 BCE

The year -4152 astronomical counting style corresponds to year 4153 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

JANUARY 4152 BCE (-4151) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 34 9	10♐34'13	1♊13	22♏39	12♑13	6♎15	0°R12	9°R35	12♍55	11°R48	22♎44	28°R24	0♒ 7	24♌30	n.a.	W 1
T 2	4 38 6	11°34'03	14°18	24°15	13°25	6°58	0♌ 9	9♉31	12°56	11♋46	22°45	28♑16	0° 4	24°36	n.a.	T 2
F 3	4 42 2	12°33'51	27° 7	25°52	14°38	7°40	0° 6	9°28	12°57	11°45	22°47	28°10	0° 1	24°43	n.a.	F 3
S 4	4 45 59	13°33'36	9♋39	27°30	15°51	8°23	0° 3	9°24	12°57	11°43	22°48	28° 6	29♑57	24°50	n.a.	S 4
S 5	4 49 55	14°33'20	21°56	29° 9	17° 3	9° 6	29♋59	9°20	12°58	11°42	22°50	28° 4	29°54	24°56	n.a.	S 5
M 6	4 53 52	15°33'01	4♌ 1	0♐49	18°16	9°48	29°56	9°17	12°59	11°41	22°51	28°D 4	29°51	25° 3	n.a.	M 6
T 7	4 57 49	16°32'40	15°55	2°31	19°28	10°31	29°52	9°14	12°59	11°39	22°52	28° 6	29°48	25°10	n.a.	T 7
W 8	5 1 45	17°32'17	27°45	4°13	20°41	11°13	29°48	9°10	13° 0	11°38	22°54	28° 7	29°45	25°16	n.a.	W 8
T 9	5 5 42	18°31'52	9♍35	5°57	21°53	11°56	29°44	9° 7	13° 0	11°36	22°55	28° 9	29°42	25°23	n.a.	T 9
F 10	5 9 38	19°31'25	21°29	7°42	23° 5	12°39	29°40	9° 4	13° 1	11°35	22°56	28°R 9	29°38	25°30	n.a.	F 10
S 11	5 13 35	20°30'56	3♎33	9°28	24°17	13°21	29°36	9° 1	13° 1	11°33	22°58	28° 8	29°35	25°36	n.a.	S 11
S 12	5 17 31	21°30'25	15°52	11°16	25°30	14° 4	29°31	8°58	13° 2	11°32	22°59	28° 5	29°32	25°43	n.a.	S 12
M13	5 21 28	22°29'52	28°29	13° 4	26°42	14°47	29°26	8°55	13° 2	11°30	23° 0	28° 1	29°29	25°50	n.a.	M13
T 14	5 25 24	23°29'17	11♏29	14°54	27°54	15°29	29°21	8°52	13° 2	11°29	23° 1	27°56	29°26	25°56	n.a.	T 14
W15	5 29 21	24°28'40	24°51	16°45	29° 5	16°12	29°16	8°50	13° 2	11°27	23° 3	27°51	29°22	26° 3	n.a.	W15
T 16	5 33 17	25°28'00	8♐37	18°38	0♒17	16°54	29°11	8°47	13° 2	11°26	23° 4	27°45	29°19	26°10	n.a.	T 16
F 17	5 37 14	26°27'19	22°42	20°31	1°29	17°37	29° 6	8°45	13° 3	11°24	23° 5	27°41	29°16	26°16	n.a.	F 17
S 18	5 41 10	27°26'35	7♑ 3	22°26	2°41	18°20	29° 1	8°42	13°R 3	11°22	23° 6	27°38	29°13	26°23	n.a.	S 18
S 19	5 45 7	28°25'49	21°34	24°22	3°52	19° 2	28°55	8°40	13° 3	11°21	23° 7	27°D37	29°10	26°30	n.a.	S 19
M20	5 49 4	29°25'01	6♒ 9	26°19	5° 4	19°45	28°49	8°38	13° 3	11°19	23° 8	27°37	29° 7	26°36	n.a.	M20
T 21	5 53 0	0♑24'10	20°43	28°18	6°15	20°28	28°43	8°36	13° 2	11°18	23° 9	27°38	29° 3	26°43	n.a.	T 21
W22	5 56 57	1°23'16	5♓10	0♑17	7°26	21°10	28°37	8°34	13° 2	11°16	23°10	27°39	29° 0	26°50	n.a.	W22
T 23	6 0 53	2°22'20	19°28	2°17	8°37	21°53	28°31	8°32	13° 2	11°14	23°11	27°41	28°57	26°56	n.a.	T 23
F 24	6 4 50	3°21'21	3♈33	4°18	9°49	22°35	28°25	8°30	13° 2	11°13	23°12	27°R41	28°54	27° 3	n.a.	F 24
S 25	6 8 46	4°20'20	17°25	6°20	11° 0	23°18	28°19	8°28	13° 1	11°11	23°13	27°40	28°51	27°10	n.a.	S 25
S 26	6 12 43	5°19'16	1♉ 3	8°23	12°10	24° 0	28°12	8°27	13° 1	11°10	23°14	27°39	28°48	27°16	n.a.	S 26
M27	6 16 39	6°18'09	14°27	10°26	13°21	24°43	28° 6	8°25	13° 1	11° 8	23°15	27°36	28°44	27°23	n.a.	M27
T 28	6 20 36	7°17'00	27°37	12°29	14°32	25°25	27°59	8°24	13° 0	11° 6	23°16	27°33	28°41	27°30	n.a.	T 28
W29	6 24 32	8°15'49	10♊33	14°33	15°43	26° 8	27°52	8°22	13° 0	11° 5	23°17	27°30	28°38	27°36	n.a.	W29
T 30	6 28 29	9°14'35	23°16	16°36	16°53	26°51	27°45	8°21	12°59	11° 3	23°18	27°28	28°35	27°43	n.a.	T 30
F 31	6 32 25	10♑13'19	5♋46	18♑38	18♒ 3	27♎33	27♋38	8♉20	12♍58	11♋ 1	23♎18	27♑26	28♑32	27♌50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	22s40	25n11	4n18	20s16	1s21	24s59	1s27	1s41	0n57	22n27	1n49	14n17	0s51	7n36	0n46	24n57	1n23	7s 5	2n10	21s 4	20s42	11n44			n.a.
T 2	22 48	26 42	3 34	20 45	1 26	24 50	1 25	1 58	0 57	22 28	1 49	14 16	0 51	7 36	0 46	24 58	1 23	7 5	2 10	21 5	20 42	11 41			n.a.
F 3	22 56	26 44	2 39	21 14	1 31	24 40	1 24	2 16	0 56	22 29	1 50	14 15	0 51	7 36	0 46	24 58	1 23	7 6	2 10	21 7	20 43	11 38			n.a.
S 4	23 4	25 23	1 38	21 42	1 35	24 30	1 22	2 34	0 55	22 30	1 50	14 14	0 51	7 35	0 46	24 58	1 23	7 7	2 10	21 7	20 44	11 34			n.a.
S 5	23 11	22 49	0 33	22 9	1 39	24 19	1 20	2 52	0 55	22 31	1 50	14 13	0 51	7 35	0 46	24 58	1 23	7 7	2 10	21 8	20 45	11 31			n.a.
M 6	23 18	19 17	0s32	22 34	1 43	24 8	1 19	3 10	0 54	22 32	1 51	14 12	0 50	7 35	0 46	24 58	1 24	7 8	2 10	21 8	20 45	11 28			n.a.
T 7	23 25	15 0	1 35	22 59	1 46	23 55	1 17	3 28	0 53	22 33	1 51	14 11	0 50	7 35	0 47	24 58	1 24	7 8	2 10	21 8	20 46	11 25			n.a.
W 8	23 31	10 11	2 34	23 22	1 49	23 42	1 15	3 45	0 53	22 34	1 51	14 10	0 50	7 34	0 47	24 59	1 24	7 9	2 9	21 7	20 47	11 22			n.a.
T 9	23 36	5 1	3 26	23 44	1 51	23 29	1 13	4 3	0 52	22 36	1 52	14 9	0 50	7 34	0 47	24 59	1 24	7 10	2 9	21 7	20 47	11 19			n.a.
F 10	23 41	0s21	4 10	24 4	1 53	23 14	1 11	4 21	0 51	22 37	1 52	14 8	0 50	7 34	0 47	24 59	1 24	7 10	2 9	21 7	20 48	11 16			n.a.
S 11	23 46	5 46	4 43	24 23	1 55	22 59	1 9	4 39	0 50	22 38	1 52	14 7	0 50	7 34	0 47	24 59	1 24	7 11	2 9	21 7	20 49	11 13			n.a.
S 12	23 50	11 4	5 4	24 40	1 56	22 44	1 6	4 56	0 50	22 39	1 52	14 7	0 49	7 34	0 47	24 59	1 24	7 11	2 9	21 8	20 49	11 10			n.a.
M13	23 54	16 4	5 11	24 56	1 57	22 27	1 4	5 14	0 49	22 41	1 53	14 6	0 49	7 34	0 47	24 59	1 24	7 12	2 9	21 8	20 50	11 7			n.a.
T 14	23 57	20 29	5 3	25 10	1 57	22 11	1 2	5 32	0 48	22 42	1 53	14 5	0 49	7 34	0 47	25 0	1 24	7 12	2 9	21 10	20 51	11 4			n.a.
W15	24 0	24 0	4 38	25 22	1 56	21 53	0 59	5 49	0 47	22 43	1 53	14 4	0 49	7 34	0 47	25 0	1 24	7 13	2 9	21 11	20 51	11 1			n.a.
T 16	24 2	26 15	3 56	25 32	1 56	21 35	0 57	6 7	0 46	22 45	1 54	14 4	0 49	7 34	0 47	25 0	1 24	7 13	2 9	21 12	20 52	10 58			n.a.
F 17	24 4	26 54	2 59	25 40	1 54	21 16	0 54	6 24	0 46	22 46	1 54	14 3	0 49	7 34	0 47	25 0	1 24	7 14	2 9	21 13	20 53	10 55			n.a.
S 18	24 5	25 45	1 50	25 46	1 53	20 57	0 52	6 42	0 45	22 48	1 54	14 2	0 48	7 34	0 47	25 0	1 24	7 14	2 9	21 13	20 53	10 52			n.a.
S 19	24 6	22 52	0 33	25 49	1 50	20 37	0 49	6 59	0 44	22 49	1 54	14 2	0 48	7 34	0 47	25 0	1 24	7 15	2 9	21 13	20 54	10 49			n.a.
M20	24 7	18 30	0n47	25 51	1 47	20 17	0 46	7 16	0 43	22 51	1 55	14 1	0 48	7 34	0 47	25 1	1 24	7 15	2 9	21 13	20 55	10 46			n.a.
T 21	24 7	13 3	2 4	25 50	1 43	19 56	0 43	7 34	0 42	22 52	1 55	14 1	0 48	7 34	0 47	25 1	1 24	7 15	2 9	21 13	20 55	10 43			n.a.
W22	24 6	6 55	3 12	25 46	1 39	19 35	0 40	7 51	0 41	22 54	1 55	14 0	0 48	7 34	0 47	25 1	1 24	7 16	2 9	21 13	20 56	10 40			n.a.
T 23	24 5	0 31	4 7	25 40	1 34	19 13	0 37	8 8	0 40	22 55	1 55	14 0	0 48	7 34	0 47	25 1	1 24	7 16	2 9	21 13	20 57	10 37			n.a.
F 24	24 4	5n49	4 47	25 31	1 29	18 51	0 34	8 25	0 39	22 57	1 56	13 59	0 47	7 34	0 47	25 1	1 24	7 17	2 9	21 13	20 57	10 34			n.a.
S 25	24 2	11 46	5 10	25 20	1 23	18 28	0 31	8 42	0 39	22 58	1 56	13 59	0 47	7 34	0 47	25 1	1 24	7 17	2 9	21 13	20 58	10 31			n.a.
S 26	24 0	17 3	5 14	25 6	1 16	18 5	0 28	8 59	0 38	23 0	1 56	13 59	0 47	7 35	0 47	25 2	1 24	7 17	2 9	21 13	20 59	10 28			n.a.
M27	23 57	21 24	5 1	24 50	1 9	17 41	0 25	9 16	0 37	23 1	1 56	13 58	0 47	7 35	0 47	25 2	1 24	7 18	2 9	21 14	20 59	10 25			n.a.
T 28	23 54	24 36	4 33	24 31	1 1	17 17	0 22	9 33	0 36	23 3	1 56	13 58	0 47	7 35	0 47	25 2	1 24	7 18	2 9	21 14	21 0	10 21			n.a.
W29	23 51	26 27	3 50	24 10	0 52	16 52	0 18	9 50	0 35	23 4	1 57	13 58	0 46	7 35	0 47	25 2	1 24	7 18	2 9	21 15	21 1	10 18			n.a.
T 30	23 47	26 54	2 58	23 46	0 43	16 27	0 15	10 7	0 34	23 6	1 57	13 57	0 46	7 36	0 47	25 2	1 24	7 19	2 9	21 15	21 1	10 15			n.a.
F 31	23s42	25n56	1n57	23s20	0s33	16s 2	0s12	10s23	0n33	23n 8	1n57	13n57	0s46	7n36	0n47	25n 2	1n24	7s19	2n 9	21s16	21s 2	10n12			n.a.

Julian Day Number = 204905.5, Delta T = 32h03m19s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'58, Lahiri = -60°59'58 Julian Calendar 1 Jan. 4152 BCE == Greg. Calendar 29 Nov. 4153 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

FEBRUARY 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 36 22	11♉12'01	18♋ 4	20♉40	19♒14	28♎16	27°R31	8°R19	12°R58	11°R 0	23♎19	27°R25	28♉28	27♌56	n.a.	S 1
S 2	6 40 19	12°10'41	0♌11	22°41	20°24	28°58	27♋24	8♉18	12♍57	10♋58	23°20	27°D25	28°25	28° 3	n.a.	S 2
M 3	6 44 15	13° 9'18	12°10	24°40	21°34	29°40	27°17	8°18	12°56	10°56	23°20	27♉25	28°22	28°10	n.a.	M 3
T 4	6 48 12	14° 7'53	24° 2	26°37	22°44	0♏23	27°10	8°17	12°55	10°55	23°21	27°26	28°19	28°16	n.a.	T 4
W 5	6 52 8	15° 6'27	5♍52	28°32	23°53	1° 5	27° 3	8°16	12°54	10°53	23°22	27°27	28°16	28°23	n.a.	W 5
T 6	6 56 5	16° 4'58	17°42	0♒24	25° 3	1°48	26°55	8°16	12°53	10°52	23°22	27°28	28°13	28°30	n.a.	T 6
F 7	7 0 1	17° 3'27	29°36	2°13	26°13	2°30	26°48	8°16	12°52	10°50	23°23	27°29	28° 9	28°36	n.a.	F 7
S 8	7 3 58	18° 1'55	11♎40	3°59	27°22	3°13	26°40	8°15	12°51	10°48	23°23	27°30	28° 6	28°43	n.a.	S 8
S 9	7 7 54	19° 0'20	23°57	5°41	28°31	3°55	26°33	8°15	12°50	10°47	23°24	27°R30	28° 3	28°50	n.a.	S 9
M10	7 11 51	19°58'44	6♏32	7°20	29°41	4°37	26°25	8°D15	12°49	10°45	23°24	27°29	28° 0	28°56	n.a.	M10
T 11	7 15 47	20°57'06	19°29	8°54	0♓50	5°20	26°18	8°15	12°48	10°43	23°25	27°29	27°57	29° 3	n.a.	T 11
W12	7 19 44	21°55'26	2♐51	10°24	1°58	6° 2	26°10	8°15	12°47	10°42	23°25	27°28	27°54	29°10	n.a.	W12
T 13	7 23 40	22°53'45	16°39	11°49	3° 7	6°44	26° 2	8°16	12°46	10°40	23°26	27°28	27°50	29°16	n.a.	T 13
F 14	7 27 37	23°52'02	0♑51	13°10	4°16	7°26	25°55	8°16	12°44	10°39	23°26	27°27	27°47	29°23	n.a.	F 14
S 15	7 31 33	24°50'16	15°25	14°25	5°24	8° 9	25°47	8°17	12°43	10°37	23°26	27°27	27°44	29°30	n.a.	S 15
S 16	7 35 30	25°48'29	0♒15	15°36	6°33	8°51	25°39	8°17	12°42	10°35	23°27	27°D27	27°41	29°36	n.a.	S 16
M17	7 39 27	26°46'40	15°13	16°41	7°41	9°33	25°32	8°18	12°40	10°34	23°27	27°27	27°38	29°43	n.a.	M17
T 18	7 43 23	27°44'48	0♓11	17°41	8°49	10°15	25°24	8°19	12°39	10°32	23°27	27°R27	27°34	29°50	n.a.	T 18
W19	7 47 20	28°42'54	15° 1	18°36	9°57	10°57	25°16	8°20	12°37	10°31	23°27	27°27	27°31	29°56	n.a.	W19
T 20	7 51 16	29°40'59	29°37	19°25	11° 4	11°39	25° 9	8°21	12°36	10°29	23°27	27°27	27°28	0♍ 3	n.a.	T 20
F 21	7 55 13	0♒39'00	13♈54	20° 9	12°12	12°21	25° 1	8°22	12°34	10°28	23°28	27°27	27°25	0°10	n.a.	F 21
S 22	7 59 9	1°37'00	27°50	20°47	13°19	13° 3	24°54	8°23	12°32	10°26	23°28	27°D26	27°22	0°16	n.a.	S 22
S 23	8 3 6	2°34'58	11♉24	21°20	14°26	13°45	24°46	8°25	12°31	10°25	23°28	27°26	27°19	0°23	n.a.	S 23
M24	8 7 2	3°32'53	24°38	21°47	15°33	14°27	24°38	8°26	12°29	10°23	23°28	27°27	27°15	0°30	n.a.	M24
T 25	8 10 59	4°30'47	7♊33	22° 8	16°40	15° 9	24°31	8°28	12°27	10°22	23°R28	27°27	27°12	0°36	n.a.	T 25
W26	8 14 55	5°28'38	20°11	22°24	17°47	15°51	24°23	8°29	12°26	10°20	23°28	27°28	27° 9	0°43	n.a.	W26
T 27	8 18 52	6°26'28	2♋36	22°34	18°53	16°32	24°16	8°31	12°24	10°19	23°28	27°29	27° 6	0°50	n.a.	T 27
F 28	8 22 48	7♒24'15	14♋50	22°R38	20♓ 0	17♏14	24♋ 9	8♉33	12♍22	10♋17	23♎28	27♉30	27♉ 3	0♍56	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s37	23n42	0n51	22s51	0s23	15s36	0s 8	10s40	0n32	23n 9	1n57	13n57	0s46	7n36	0n47	25n 3	1n24	7s19	2n 9	21s16	21s 3	10n 9		n.a.
S 2	23 32	20 26	0s15	22 21	0 12	15 10	0 5	10 56	0 30	23 11	1 57	13 57	0 46	7 36	0 47	25 3	1 24	7 20	2 9	21 16	21 3	10 6		n.a.
M 3	23 26	16 20	1 21	21 49	0 1	14 44	0 1	11 13	0 29	23 13	1 57	13 57	0 46	7 37	0 47	25 3	1 24	7 20	2 9	21 16	21 4	10 3		n.a.
T 4	23 20	11 39	2 22	21 15	0n10	14 17	0n 2	11 29	0 28	23 14	1 58	13 57	0 45	7 37	0 48	25 3	1 24	7 20	2 9	21 16	21 5	10 0		n.a.
W 5	23 14	6 34	3 17	20 41	0 22	13 50	0 6	11 45	0 27	23 16	1 58	13 57	0 45	7 38	0 48	25 3	1 24	7 21	2 8	21 15	21 5	9 57		n.a.
T 6	23 7	1 16	4 4	20 5	0 34	13 23	0 10	12 1	0 26	23 17	1 58	13 57	0 45	7 38	0 48	25 3	1 24	7 21	2 8	21 15	21 6	9 54		n.a.
F 7	22 59	4s 6	4 40	19 28	0 46	12 55	0 13	12 18	0 25	23 19	1 58	13 57	0 45	7 38	0 48	25 3	1 24	7 21	2 8	21 15	21 7	9 51		n.a.
S 8	22 51	9 24	5 5	18 51	0 59	12 28	0 17	12 34	0 24	23 21	1 58	13 57	0 45	7 39	0 48	25 4	1 24	7 21	2 8	21 15	21 7	9 48		n.a.
S 9	22 43	14 25	5 17	18 14	1 11	12 0	0 21	12 49	0 23	23 22	1 58	13 57	0 45	7 39	0 48	25 4	1 24	7 21	2 8	21 15	21 8	9 45		n.a.
M10	22 35	18 59	5 13	17 37	1 23	11 31	0 25	13 5	0 21	23 24	1 58	13 57	0 44	7 40	0 48	25 4	1 24	7 22	2 8	21 15	21 9	9 42		n.a.
T 11	22 26	22 48	4 54	17 1	1 35	11 3	0 29	13 21	0 20	23 25	1 58	13 57	0 44	7 40	0 48	25 4	1 24	7 22	2 8	21 15	21 9	9 39		n.a.
W12	22 16	25 33	4 19	16 25	1 47	10 34	0 32	13 36	0 19	23 27	1 59	13 58	0 44	7 41	0 48	25 4	1 24	7 22	2 8	21 15	21 10	9 35		n.a.
T 13	22 6	26 52	3 28	15 50	1 58	10 5	0 36	13 52	0 18	23 29	1 59	13 58	0 44	7 41	0 48	25 4	1 24	7 22	2 8	21 15	21 11	9 32		n.a.
F 14	21 56	26 29	2 22	15 17	2 9	9 36	0 40	14 7	0 17	23 30	1 59	13 58	0 44	7 42	0 48	25 4	1 24	7 22	2 8	21 15	21 11	9 29		n.a.
S 15	21 46	24 18	1 6	14 45	2 20	9 6	0 44	14 22	0 15	23 32	1 59	13 59	0 43	7 42	0 48	25 5	1 24	7 23	2 8	21 15	21 12	9 26		n.a.
S 16	21 35	20 25	0n16	14 14	2 29	8 37	0 48	14 38	0 14	23 33	1 59	13 59	0 43	7 43	0 48	25 5	1 24	7 23	2 8	21 15	21 13	9 23		n.a.
M17	21 23	15 11	1 37	13 45	2 39	8 7	0 52	14 53	0 13	23 35	1 59	13 59	0 43	7 43	0 48	25 5	1 24	7 23	2 8	21 15	21 13	9 20		n.a.
T 18	21 12	9 3	2 52	13 19	2 48	7 38	0 56	15 8	0 12	23 36	1 59	14 0	0 43	7 44	0 48	25 5	1 24	7 23	2 8	21 15	21 14	9 17		n.a.
W19	21 0	2 28	3 55	12 54	2 56	7 8	1 0	15 22	0 10	23 38	1 59	14 0	0 43	7 45	0 48	25 5	1 24	7 23	2 8	21 15	21 15	9 14		n.a.
T 20	20 47	4n 7	4 41	12 32	3 3	6 38	1 4	15 37	0 9	23 39	1 59	14 1	0 43	7 45	0 48	25 5	1 24	7 23	2 8	21 16	21 15	9 11		n.a.
F 21	20 35	10 21	5 9	12 12	3 9	6 8	1 8	15 51	0 8	23 41	1 59	14 1	0 42	7 46	0 48	25 5	1 24	7 23	2 8	21 16	21 16	9 8		n.a.
S 22	20 21	15 54	5 17	11 54	3 14	5 37	1 12	16 6	0 6	23 42	1 59	14 2	0 42	7 47	0 48	25 5	1 24	7 23	2 8	21 16	21 17	9 5		n.a.
S 23	20 8	20 32	5 8	11 40	3 19	5 7	1 17	16 20	0 5	23 43	1 59	14 3	0 42	7 47	0 48	25 6	1 24	7 23	2 8	21 16	21 17	9 2		n.a.
M24	19 54	24 1	4 43	11 28	3 22	4 37	1 21	16 34	0 3	23 45	1 59	14 3	0 42	7 48	0 48	25 6	1 24	7 23	2 8	21 16	21 18	8 58		n.a.
T 25	19 40	26 11	4 3	11 18	3 25	4 7	1 25	16 48	0 2	23 46	1 59	14 4	0 42	7 49	0 48	25 6	1 24	7 23	2 8	21 15	21 18	8 55		n.a.
W26	19 26	26 56	3 13	11 12	3 26	3 36	1 29	17 2	0 1	23 47	1 59	14 5	0 42	7 49	0 48	25 6	1 24	7 23	2 8	21 15	21 19	8 52		n.a.
T 27	19 11	26 19	2 14	11 9	3 26	3 6	1 33	17 16	0s 1	23 49	1 59	14 5	0 41	7 50	0 48	25 6	1 24	7 23	2 8	21 15	21 20	8 49		n.a.
F 28	18s56	24n25	1n10	11s 9	3n24	2s36	1n37	17s29	0s 2	23n50	1n59	14n 6	0s41	7n51	0n48	25n 6	1n24	7s23	2n 8	21s15	21s20	8n46		n.a.

Julian Day Number = 204936.5, Delta T = 32h03m16s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'54, Lahiri = -60°59'54 Julian Calendar 1 Feb. 4152 BCE == Greg. Calendar 30 Dec. 4153 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

MARCH 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 26 45	8♒22'01	26♋54	22°R37	21♓ 6	17♏56	24°R 2	8♉35	12°R20	10°R16	23°R28	27°R30	27♑ 0	1♍ 3	n.a.	S 1
S 2	8 30 41	9°19'45	8♌52	22♒32	22°11	18°37	23♋54	8°37	12♍18	10♋15	23♎28	27♑30	26°56	1°10	n.a.	S 2
M 3	8 34 38	10°17'27	20°45	22°21	23°17	19°19	23°47	8°39	12°16	10°13	23°27	27°29	26°53	1°16	n.a.	M 3
T 4	8 38 35	11°15'08	2♍35	22° 5	24°23	20° 0	23°40	8°41	12°14	10°12	23°27	27°27	26°50	1°23	n.a.	T 4
W 5	8 42 31	12°12'47	14°24	21°45	25°28	20°42	23°33	8°44	12°12	10°10	23°27	27°25	26°47	1°30	n.a.	W 5
T 6	8 46 28	13°10'24	26°16	21°22	26°33	21°23	23°26	8°46	12°10	10° 9	23°27	27°23	26°44	1°36	n.a.	T 6
F 7	8 50 24	14° 8'00	8♎13	20°55	27°37	22° 4	23°19	8°49	12° 8	10° 8	23°26	27°20	26°40	1°43	n.a.	F 7
S 8	8 54 21	15° 5'35	20°18	20°24	28°42	22°46	23°13	8°51	12° 6	10° 7	23°26	27°18	26°37	1°50	n.a.	S 8
S 9	8 58 17	16° 3'08	2♏34	19°52	29°46	23°27	23° 6	8°54	12° 4	10° 5	23°26	27°17	26°34	1°56	n.a.	S 9
M10	9 2 14	17° 0'41	15° 7	19°18	0♈50	24° 8	23° 0	8°57	12° 2	10° 4	23°25	27°D16	26°31	2° 3	n.a.	M10
T 11	9 6 10	17°58'12	28° 0	18°42	1°54	24°49	22°53	9° 0	12° 0	10° 3	23°25	27°17	26°28	2°10	n.a.	T 11
W12	9 10 7	18°55'42	11♐15	18° 6	2°58	25°30	22°47	9° 3	11°58	10° 2	23°25	27°18	26°25	2°16	n.a.	W12
T 13	9 14 3	19°53'11	24°57	17°30	4° 1	26°11	22°41	9° 6	11°55	10° 0	23°24	27°19	26°21	2°23	n.a.	T 13
F 14	9 18 0	20°50'38	9♑ 4	16°54	5° 4	26°52	22°35	9° 9	11°53	9°59	23°24	27°20	26°18	2°30	n.a.	F 14
S 15	9 21 57	21°48'05	23°37	16°20	6° 7	27°33	22°29	9°13	11°51	9°58	23°23	27°R21	26°15	2°36	n.a.	S 15
S 16	9 25 53	22°45'31	8♒31	15°48	7° 9	28°14	22°23	9°16	11°49	9°57	23°23	27°21	26°12	2°43	n.a.	S 16
M17	9 29 50	23°42'55	23°39	15°18	8°11	28°54	22°17	9°20	11°46	9°56	23°22	27°19	26° 9	2°50	n.a.	M17
T 18	9 33 46	24°40'18	8♓52	14°51	9°13	29°35	22°12	9°23	11°44	9°55	23°22	27°16	26° 6	2°56	n.a.	T 18
W19	9 37 43	25°37'39	24° 0	14°27	10°15	0♐15	22° 6	9°27	11°42	9°54	23°21	27°13	26° 2	3° 3	n.a.	W19
T 20	9 41 39	26°34'59	8♈53	14° 6	11°16	0°56	22° 1	9°31	11°39	9°53	23°20	27° 9	25°59	3°10	n.a.	T 20
F 21	9 45 36	27°32'18	23°25	13°50	12°17	1°36	21°56	9°35	11°37	9°52	23°20	27° 5	25°56	3°16	n.a.	F 21
S 22	9 49 32	28°29'35	7♉31	13°37	13°17	2°16	21°51	9°38	11°35	9°51	23°19	27° 2	25°53	3°23	n.a.	S 22
S 23	9 53 29	29°26'51	21° 9	13°29	14°17	2°56	21°46	9°42	11°32	9°50	23°18	27° 1	25°50	3°30	n.a.	S 23
M24	9 57 25	0♓24'06	4♊22	13°D25	15°17	3°36	21°42	9°47	11°30	9°49	23°18	27°D 1	25°46	3°36	n.a.	M24
T 25	10 1 22	1°21'19	17°11	13°26	16°17	4°16	21°37	9°51	11°27	9°48	23°17	27° 2	25°43	3°43	n.a.	T 25
W26	10 5 19	2°18'32	29°41	13°31	17°16	4°56	21°33	9°55	11°25	9°47	23°16	27° 3	25°40	3°50	n.a.	W26
T 27	10 9 15	3°15'42	11♋56	13°41	18°15	5°35	21°29	9°59	11°22	9°46	23°15	27° 5	25°37	3°56	n.a.	T 27
F 28	10 13 12	4°12'52	23°59	13°56	19°13	6°15	21°25	10° 4	11°20	9°46	23°14	27°R 5	25°34	4° 3	n.a.	F 28
S 29	10 17 8	5°10'01	5♌54	14°14	20°11	6°54	21°21	10° 8	11°18	9°45	23°14	27° 5	25°31	4°10	n.a.	S 29
S 30	10 21 5	6° 7'08	17°45	14°37	21° 8	7°34	21°17	10°13	11°15	9°44	23°13	27° 3	25°27	4°16	n.a.	S 30
M31	10 25 1	7♓ 4'15	29♌35	15♒ 5	22♈ 5	8♐13	21♋13	10♉18	11♍13	9♋43	23♎12	26♑59	25♑24	4♍23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18s41	21n25	0n 3	11s11	3n22	2s 5	1n41	17s43	0s 4	23n51	1n59	14n 7	0s41	7n52	0n48	25n 6	1n24	7s23	2n 8	21s15	21s21	8n43		n.a.
S 2	18 25	17 33	1s 3	11 17	3 18	1 35	1 45	17 56	0 5	23 53	1 59	14 8	0 41	7 52	0 48	25 6	1 24	7 23	2 8	21 15	21 22	8 40		n.a.
M 3	18 9	13 1	2 5	11 25	3 13	1 5	1 49	18 9	0 7	23 54	1 59	14 9	0 41	7 53	0 48	25 6	1 24	7 23	2 8	21 15	21 22	8 37		n.a.
T 4	17 53	8 1	3 2	11 36	3 6	0 35	1 53	18 22	0 8	23 55	1 58	14 10	0 41	7 54	0 48	25 6	1 24	7 23	2 8	21 15	21 23	8 34		n.a.
W 5	17 37	2 46	3 51	11 50	2 59	0 4	1 57	18 35	0 10	23 56	1 58	14 10	0 40	7 55	0 48	25 7	1 24	7 23	2 8	21 16	21 23	8 31		n.a.
T 6	17 20	2s35	4 30	12 7	2 50	0n26	2 1	18 48	0 12	23 57	1 58	14 11	0 40	7 56	0 48	25 7	1 24	7 23	2 8	21 16	21 24	8 28		n.a.
F 7	17 3	7 53	4 58	12 25	2 39	0 56	2 5	19 1	0 13	23 58	1 58	14 12	0 40	7 56	0 48	25 7	1 24	7 23	2 7	21 17	21 25	8 24		n.a.
S 8	16 46	12 57	5 13	12 46	2 28	1 26	2 9	19 13	0 15	23 59	1 58	14 13	0 40	7 57	0 48	25 7	1 24	7 23	2 7	21 17	21 25	8 21		n.a.
S 9	16 28	17 36	5 14	13 8	2 15	1 55	2 13	19 25	0 16	24 1	1 58	14 15	0 40	7 58	0 48	25 7	1 24	7 23	2 7	21 17	21 26	8 18		n.a.
M10	16 10	21 36	5 0	13 32	2 2	2 25	2 16	19 38	0 18	24 2	1 58	14 16	0 40	7 59	0 48	25 7	1 24	7 23	2 7	21 18	21 27	8 15		n.a.
T 11	15 52	24 40	4 31	13 57	1 48	2 55	2 20	19 49	0 20	24 3	1 58	14 17	0 39	8 0	0 48	25 7	1 24	7 23	2 7	21 18	21 27	8 12		n.a.
W12	15 34	26 31	3 47	14 22	1 33	3 24	2 24	20 1	0 21	24 3	1 58	14 18	0 39	8 1	0 48	25 7	1 24	7 23	2 7	21 17	21 28	8 9		n.a.
T 13	15 16	26 50	2 49	14 48	1 17	3 53	2 28	20 13	0 23	24 4	1 57	14 19	0 39	8 2	0 48	25 7	1 24	7 23	2 7	21 17	21 28	8 6		n.a.
F 14	14 57	25 26	1 39	15 15	1 1	4 22	2 32	20 24	0 25	24 5	1 57	14 20	0 39	8 2	0 48	25 7	1 24	7 22	2 7	21 17	21 29	8 3		n.a.
S 15	14 38	22 19	0 21	15 41	0 45	4 51	2 35	20 36	0 26	24 6	1 57	14 21	0 39	8 3	0 48	25 7	1 24	7 22	2 7	21 17	21 30	8 0		n.a.
S 16	14 19	17 40	1n 1	16 6	0 28	5 20	2 39	20 47	0 28	24 7	1 57	14 23	0 39	8 4	0 48	25 7	1 24	7 22	2 7	21 17	21 30	7 57		n.a.
M17	13 59	11 49	2 20	16 31	0 12	5 48	2 42	20 58	0 30	24 8	1 57	14 24	0 38	8 5	0 48	25 8	1 24	7 22	2 7	21 17	21 31	7 53		n.a.
T 18	13 40	5 16	3 28	16 55	0s 5	6 17	2 46	21 9	0 32	24 9	1 57	14 25	0 38	8 6	0 48	25 8	1 24	7 22	2 7	21 18	21 32	7 50		n.a.
W19	13 20	1n33	4 22	17 17	0 20	6 45	2 49	21 19	0 33	24 9	1 56	14 27	0 38	8 7	0 48	25 8	1 24	7 22	2 7	21 18	21 32	7 47		n.a.
T 20	13 0	8 9	4 57	17 38	0 36	7 13	2 53	21 30	0 35	24 10	1 56	14 28	0 38	8 8	0 48	25 8	1 24	7 21	2 7	21 19	21 33	7 44		n.a.
F 21	12 40	14 9	5 12	17 57	0 51	7 40	2 56	21 40	0 37	24 11	1 56	14 29	0 38	8 9	0 48	25 8	1 24	7 21	2 7	21 20	21 33	7 41		n.a.
S 22	12 20	19 14	5 8	18 15	1 5	8 7	2 59	21 50	0 39	24 11	1 56	14 31	0 38	8 10	0 48	25 8	1 24	7 21	2 7	21 20	21 34	7 38		n.a.
S 23	11 59	23 8	4 46	18 30	1 19	8 34	3 2	22 0	0 41	24 12	1 56	14 32	0 38	8 11	0 48	25 8	1 24	7 21	2 7	21 21	21 35	7 35		n.a.
M24	11 38	25 41	4 9	18 43	1 32	9 1	3 5	22 10	0 43	24 12	1 55	14 34	0 37	8 12	0 48	25 8	1 24	7 21	2 7	21 21	21 35	7 32		n.a.
T 25	11 18	26 48	3 21	18 55	1 44	9 27	3 8	22 19	0 45	24 13	1 55	14 35	0 37	8 13	0 48	25 8	1 24	7 20	2 7	21 21	21 36	7 29		n.a.
W26	10 57	26 31	2 24	19 4	1 55	9 54	3 11	22 29	0 47	24 13	1 55	14 37	0 37	8 14	0 48	25 8	1 24	7 20	2 7	21 20	21 36	7 25		n.a.
T 27	10 35	24 55	1 22	19 11	2 5	10 19	3 14	22 38	0 48	24 14	1 55	14 38	0 37	8 14	0 48	25 8	1 24	7 20	2 7	21 20	21 37	7 22		n.a.
F 28	10 14	22 12	0 17	19 16	2 15	10 45	3 17	22 47	0 50	24 14	1 54	14 40	0 37	8 15	0 48	25 8	1 24	7 20	2 7	21 20	21 38	7 19		n.a.
S 29	9 53	18 33	0s48	19 18	2 23	11 10	3 19	22 56	0 52	24 15	1 54	14 42	0 37	8 16	0 48	25 8	1 24	7 19	2 7	21 20	21 38	7 16		n.a.
S 30	9 31	14 12	1 50	19 18	2 31	11 34	3 22	23 5	0 54	24 15	1 54	14 43	0 36	8 17	0 48	25 8	1 24	7 19	2 7	21 20	21 39	7 13		n.a.
M31	9s 9	9n20	2s47	19s16	2s38	11n59	3n24	23s13	0s56	24n15	1n54	14n45	0s36	8n18	0n48	25n 8	1n24	7s19	2n 6	21s21	21s39	7n10		n.a.

Julian Day Number = 204964.5, Delta T = 32h03m13s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'51, Lahiri = -60°59'50 Julian Calendar 1 March 4152 BCE == Greg. Calendar 27 Jan. 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

APRIL 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 28 58	8♓ 1'21	11♍24	15♒37	23♈ 2	8♐52	21°R10	10♉22	11°R10	9°R43	23°R11	26°R54	25♑21	4♍30	n.a.	T 1
W 2	10 32 54	8°58'25	23°17	16°12	23°58	9°31	21♋ 7	10°27	11♍ 8	9♋42	23♎10	26♑47	25°18	4°36	n.a.	W 2
T 3	10 36 51	9°55'30	5♎13	16°52	24°53	10°10	21° 4	10°32	11° 5	9°41	23° 9	26°39	25°15	4°43	n.a.	T 3
F 4	10 40 48	10°52'33	17°16	17°36	25°48	10°49	21° 1	10°37	11° 3	9°41	23° 8	26°31	25°11	4°50	n.a.	F 4
S 5	10 44 44	11°49'37	29°26	18°24	26°43	11°27	20°58	10°42	11° 0	9°40	23° 7	26°24	25° 8	4°57	n.a.	S 5
S 6	10 48 41	12°46'39	11♏47	19°15	27°37	12° 6	20°56	10°47	10°58	9°40	23° 6	26°18	25° 5	5° 3	n.a.	S 6
M 7	10 52 37	13°43'42	24°22	20°10	28°30	12°44	20°53	10°52	10°55	9°39	23° 5	26°14	25° 2	5°10	n.a.	M 7
T 8	10 56 34	14°40'44	7♐13	21° 9	29°23	13°23	20°51	10°57	10°53	9°39	23° 4	26°12	24°59	5°17	n.a.	T 8
W 9	11 0 30	15°37'46	20°24	22°11	0♉16	14° 1	20°49	11° 3	10°50	9°38	23° 3	26°D12	24°56	5°23	n.a.	W 9
T 10	11 4 27	16°34'48	3♑57	23°17	1° 7	14°39	20°47	11° 8	10°48	9°38	23° 2	26°13	24°52	5°30	n.a.	T 10
F 11	11 8 24	17°31'49	17°54	24°26	1°58	15°16	20°46	11°14	10°46	9°37	23° 1	26°14	24°49	5°37	n.a.	F 11
S 12	11 12 20	18°28'51	2♒17	25°39	2°49	15°54	20°44	11°19	10°43	9°37	22°59	26°R14	24°46	5°43	n.a.	S 12
S 13	11 16 17	19°25'52	17° 2	26°54	3°38	16°31	20°43	11°25	10°41	9°37	22°58	26°13	24°43	5°50	n.a.	S 13
M14	11 20 13	20°22'53	2♓ 5	28°13	4°27	17° 9	20°42	11°30	10°38	9°36	22°57	26° 9	24°40	5°57	n.a.	M14
T 15	11 24 10	21°19'53	17°17	29°35	5°16	17°46	20°41	11°36	10°36	9°36	22°56	26° 3	24°37	6° 3	n.a.	T 15
W16	11 28 6	22°16'54	2♈28	1♓ 1	6° 3	18°23	20°40	11°42	10°33	9°36	22°55	25°55	24°33	6°10	n.a.	W16
T 17	11 32 3	23°13'54	17°29	2°29	6°50	18°59	20°40	11°48	10°31	9°36	22°53	25°47	24°30	6°17	n.a.	T 17
F 18	11 36 0	24°10'54	2♉ 9	4° 1	7°36	19°36	20°39	11°53	10°29	9°35	22°52	25°38	24°27	6°23	n.a.	F 18
S 19	11 39 56	25° 7'53	16°24	5°35	8°21	20°12	20°39	11°59	10°26	9°35	22°51	25°32	24°24	6°30	n.a.	S 19
S 20	11 43 53	26° 4'52	0♊ 9	7°13	9° 5	20°48	20°D39	12° 5	10°24	9°35	22°50	25°27	24°21	6°37	n.a.	S 20
M21	11 47 49	27° 1'51	13°25	8°53	9°48	21°24	20°39	12°11	10°22	9°35	22°48	25°24	24°17	6°43	n.a.	M21
T 22	11 51 46	27°58'49	26°16	10°37	10°31	22° 0	20°40	12°18	10°19	9°35	22°47	25°D23	24°14	6°50	n.a.	T 22
W23	11 55 42	28°55'47	8♋44	12°23	11°12	22°36	20°40	12°24	10°17	9°D35	22°46	25°23	24°11	6°57	n.a.	W23
T 24	11 59 39	29°52'45	20°55	14°12	11°52	23°11	20°41	12°30	10°15	9°35	22°44	25°R24	24° 8	7° 3	n.a.	T 24
F 25	12 3 36	0♈49'43	2♌54	16° 4	12°31	23°46	20°42	12°36	10°12	9°35	22°43	25°24	24° 5	7°10	n.a.	F 25
S 26	12 7 32	1°46'40	14°45	17°58	13°10	24°21	20°43	12°42	10°10	9°35	22°42	25°22	24° 2	7°17	n.a.	S 26
S 27	12 11 29	2°43'38	26°34	19°55	13°46	24°56	20°44	12°49	10° 8	9°35	22°40	25°18	23°58	7°24	n.a.	S 27
M28	12 15 25	3°40'35	8♍23	21°54	14°22	25°30	20°46	12°55	10° 6	9°35	22°39	25°11	23°55	7°30	n.a.	M28
T 29	12 19 22	4°37'32	20°16	23°56	14°57	26° 4	20°47	13° 2	10° 4	9°36	22°37	25° 2	23°52	7°37	n.a.	T 29
W30	12 23 18	5♈34'29	2♎14	25♓59	15♉30	26♐38	20♋49	13♉ 8	10♍ 1	9♋36	22♎36	24♑51	23♑49	7♍44	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8 s48	4n 9	3 s37	19 s12	2 s44	12n23	3n27	23 s22	0 s58	24n16	1n53	14n46	0 s36	8n19	0n48	25n 8	1n24	7 s18	2n 6	21 s22	21 s40	7n 7		n.a.
W 2	8 26	1 s11	4 18	19 6	2 49	12 46	3 29	23 30	1 0	24 16	1 53	14 48	0 36	8 20	0 48	25 8	1 24	7 18	2 6	21 24	21 41	7 4		n.a.
T 3	8 4	6 30	4 47	18 57	2 53	13 9	3 31	23 38	1 3	24 16	1 53	14 50	0 36	8 21	0 48	25 8	1 23	7 18	2 6	21 25	21 41	7 1		n.a.
F 4	7 41	11 37	5 4	18 46	2 56	13 32	3 33	23 46	1 5	24 16	1 53	14 52	0 36	8 22	0 48	25 8	1 23	7 17	2 6	21 27	21 42	6 57		n.a.
S 5	7 19	16 21	5 8	18 33	2 58	13 54	3 35	23 53	1 7	24 17	1 52	14 53	0 36	8 23	0 48	25 8	1 23	7 17	2 6	21 28	21 42	6 54		n.a.
S 6	6 57	20 29	4 57	18 18	2 59	14 16	3 37	24 1	1 9	24 17	1 52	14 55	0 35	8 24	0 48	25 8	1 23	7 17	2 6	21 29	21 43	6 51		n.a.
M 7	6 34	23 47	4 32	18 0	3 0	14 37	3 38	24 8	1 11	24 17	1 52	14 57	0 35	8 25	0 48	25 8	1 23	7 16	2 6	21 30	21 44	6 48		n.a.
T 8	6 12	25 57	3 53	17 41	3 0	14 58	3 40	24 15	1 13	24 17	1 52	14 59	0 35	8 26	0 48	25 8	1 23	7 16	2 6	21 30	21 44	6 45		n.a.
W 9	5 49	26 46	3 1	17 19	2 59	15 19	3 41	24 22	1 15	24 17	1 51	15 1	0 35	8 27	0 48	25 8	1 23	7 16	2 6	21 30	21 45	6 42		n.a.
T 10	5 26	26 0	1 57	16 55	2 57	15 39	3 42	24 29	1 17	24 17	1 51	15 2	0 35	8 28	0 48	25 8	1 23	7 15	2 6	21 30	21 45	6 39		n.a.
F 11	5 4	23 37	0 45	16 29	2 55	15 58	3 43	24 36	1 20	24 17	1 51	15 4	0 35	8 29	0 48	25 8	1 23	7 15	2 6	21 30	21 46	6 36		n.a.
S 12	4 41	19 41	0n32	16 1	2 52	16 17	3 44	24 42	1 22	24 17	1 51	15 6	0 35	8 30	0 48	25 8	1 23	7 15	2 6	21 30	21 47	6 32		n.a.
S 13	4 18	14 26	1 49	15 31	2 48	16 35	3 45	24 48	1 24	24 17	1 50	15 8	0 35	8 31	0 48	25 8	1 23	7 14	2 6	21 30	21 47	6 29		n.a.
M14	3 55	8 14	3 0	14 58	2 44	16 53	3 45	24 54	1 26	24 17	1 50	15 10	0 34	8 32	0 48	25 8	1 23	7 14	2 6	21 31	21 48	6 26		n.a.
T 15	3 32	1 31	3 59	14 24	2 38	17 10	3 46	25 0	1 29	24 17	1 50	15 12	0 34	8 33	0 48	25 8	1 23	7 13	2 6	21 32	21 48	6 23		n.a.
W16	3 9	5n16	4 40	13 47	2 33	17 27	3 46	25 6	1 31	24 17	1 49	15 14	0 34	8 34	0 48	25 8	1 23	7 13	2 6	21 34	21 49	6 20		n.a.
T 17	2 46	11 40	5 2	13 9	2 26	17 43	3 46	25 12	1 33	24 16	1 49	15 16	0 34	8 34	0 48	25 8	1 23	7 13	2 5	21 35	21 49	6 17		n.a.
F 18	2 22	17 17	5 3	12 28	2 19	17 59	3 46	25 17	1 36	24 16	1 49	15 18	0 34	8 35	0 48	25 8	1 23	7 12	2 5	21 37	21 50	6 14		n.a.
S 19	1 59	21 45	4 45	11 45	2 12	18 13	3 45	25 22	1 38	24 16	1 49	15 20	0 34	8 36	0 48	25 8	1 23	7 12	2 5	21 38	21 51	6 11		n.a.
S 20	1 36	24 50	4 11	11 0	2 4	18 28	3 45	25 27	1 41	24 16	1 48	15 22	0 34	8 37	0 48	25 8	1 23	7 11	2 5	21 39	21 51	6 8		n.a.
M21	1 13	26 26	3 25	10 14	1 55	18 41	3 44	25 32	1 43	24 15	1 48	15 24	0 33	8 38	0 48	25 8	1 23	7 11	2 5	21 40	21 52	6 4		n.a.
T 22	0 49	26 33	2 29	9 25	1 46	18 54	3 43	25 37	1 45	24 15	1 48	15 26	0 33	8 39	0 48	25 8	1 23	7 11	2 5	21 40	21 52	6 1		n.a.
W23	0 26	25 17	1 28	8 35	1 37	19 7	3 42	25 42	1 48	24 15	1 47	15 28	0 33	8 40	0 48	25 8	1 23	7 10	2 5	21 40	21 53	5 58		n.a.
T 24	0 3	22 50	0 24	7 43	1 27	19 18	3 40	25 46	1 50	24 14	1 47	15 30	0 33	8 41	0 48	25 8	1 23	7 10	2 5	21 40	21 54	5 55		n.a.
F 25	0n20	19 25	0 s40	6 49	1 17	19 29	3 39	25 50	1 53	24 14	1 47	15 32	0 33	8 42	0 48	25 8	1 23	7 9	2 5	21 40	21 54	5 52		n.a.
S 26	0 44	15 15	1 41	5 54	1 6	19 40	3 37	25 55	1 55	24 13	1 47	15 34	0 33	8 42	0 48	25 8	1 23	7 9	2 5	21 40	21 55	5 49		n.a.
S 27	1 7	10 33	2 38	4 57	0 55	19 49	3 35	25 59	1 58	24 13	1 46	15 36	0 33	8 43	0 48	25 8	1 23	7 8	2 5	21 41	21 55	5 46		n.a.
M28	1 30	5 28	3 28	3 59	0 45	19 58	3 32	26 2	2 0	24 12	1 46	15 38	0 33	8 44	0 48	25 8	1 23	7 8	2 5	21 42	21 56	5 43		n.a.
T 29	1 53	0 10	4 8	2 59	0 34	20 6	3 29	26 6	2 3	24 12	1 46	15 40	0 32	8 45	0 48	25 8	1 23	7 7	2 5	21 44	21 56	5 39		n.a.
W30	2n16	5 s 9	4 s38	1 s59	0 s23	20n13	3n26	26 s10	2 s 6	24n11	1n45	15n43	0 s32	8n46	0n48	25n 8	1n23	7 s 7	2n 4	21 s46	21 s57	5n36		n.a.

Julian Day Number = 204995.5, Delta T = 32h03m10s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'46, Lahiri = -60°59'46 Julian Calendar 1 Apr. 4152 BCE == Greg. Calendar 27 Feb. 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

MAY 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 27 15	6♈31'27	14♎18	28♓ 4	16♉ 2	27♐12	20♋51	13♉15	9°R59	9♋36	22°R35	24°R38	23♏46	7♍50	n.a.	T 1
F 2	12 31 12	7°28'25	26°31	0♈10	16°32	27°45	20°53	13°21	9♍57	9°36	22♎33	24♏26	23°43	7°57	n.a.	F 2
S 3	12 35 8	8°25'23	8♏53	2°18	17° 1	28°19	20°55	13°28	9°55	9°37	22°32	24°14	23°39	8° 4	n.a.	S 3
S 4	12 39 5	9°22'22	21°25	4°26	17°28	28°52	20°58	13°35	9°53	9°37	22°30	24° 5	23°36	8°10	n.a.	S 4
M 5	12 43 1	10°19'22	4♐ 8	6°35	17°54	29°24	21° 1	13°41	9°51	9°37	22°29	23°58	23°33	8°17	n.a.	M 5
T 6	12 46 58	11°16'22	17° 5	8°44	18°19	29°57	21° 3	13°48	9°49	9°38	22°27	23°53	23°30	8°24	n.a.	T 6
W 7	12 50 54	12°13'23	0♑17	10°54	18°41	0♑29	21° 6	13°55	9°47	9°38	22°26	23°52	23°27	8°30	n.a.	W 7
T 8	12 54 51	13°10'25	13°47	13° 3	19° 2	1° 1	21°10	14° 2	9°45	9°39	22°25	23°D51	23°23	8°37	n.a.	T 8
F 9	12 58 48	14° 7'28	27°36	15°11	19°21	1°32	21°13	14° 9	9°43	9°39	22°23	23°R51	23°20	8°44	n.a.	F 9
S 10	13 2 44	15° 4'31	11♒46	17°19	19°39	2° 3	21°16	14°16	9°41	9°40	22°22	23°50	23°17	8°50	n.a.	S 10
S 11	13 6 41	16° 1'35	26°16	19°26	19°54	2°34	21°20	14°23	9°40	9°40	22°20	23°48	23°14	8°57	n.a.	S 11
M12	13 10 37	16°58'41	11♓ 3	21°32	20° 8	3° 5	21°24	14°30	9°38	9°41	22°19	23°42	23°11	9° 4	n.a.	M12
T 13	13 14 34	17°55'47	26° 0	23°37	20°19	3°35	21°28	14°37	9°36	9°41	22°17	23°35	23° 8	9°10	n.a.	T 13
W14	13 18 30	18°52'53	11♈ 0	25°40	20°29	4° 5	21°32	14°44	9°34	9°42	22°16	23°25	23° 4	9°17	n.a.	W14
T 15	13 22 27	19°50'01	25°53	27°42	20°36	4°34	21°36	14°51	9°33	9°43	22°14	23°13	23° 1	9°24	n.a.	T 15
F 16	13 26 24	20°47'09	10♉30	29°43	20°41	5° 3	21°41	14°58	9°31	9°43	22°13	23° 3	22°58	9°31	n.a.	F 16
S 17	13 30 20	21°44'19	24°44	1♉41	20°44	5°32	21°45	15° 5	9°29	9°44	22°11	22°53	22°55	9°37	n.a.	S 17
S 18	13 34 17	22°41'28	8♊31	3°39	20°R45	6° 1	21°50	15°12	9°28	9°45	22°10	22°46	22°52	9°44	n.a.	S 18
M19	13 38 13	23°38'39	21°50	5°34	20°43	6°29	21°55	15°19	9°26	9°46	22° 8	22°41	22°48	9°51	n.a.	M19
T 20	13 42 10	24°35'50	4♋43	7°28	20°39	6°56	22° 0	15°27	9°25	9°47	22° 7	22°39	22°45	9°57	n.a.	T 20
W21	13 46 7	25°33'02	17°12	9°20	20°33	7°23	22° 6	15°34	9°23	9°47	22° 5	22°38	22°42	10° 4	n.a.	W21
T 22	13 50 3	26°30'15	29°24	11°11	20°24	7°50	22°11	15°41	9°22	9°48	22° 4	22°38	22°39	10°11	n.a.	T 22
F 23	13 54 0	27°27'28	11♌23	12°59	20°13	8°16	22°17	15°49	9°20	9°49	22° 2	22°38	22°36	10°17	n.a.	F 23
S 24	13 57 56	28°24'42	23°15	14°46	20° 0	8°42	22°22	15°56	9°19	9°50	22° 1	22°36	22°33	10°24	n.a.	S 24
S 25	14 1 53	29°21'57	5♍ 5	16°32	19°44	9° 8	22°28	16° 3	9°18	9°51	21°59	22°31	22°29	10°31	n.a.	S 25
M26	14 5 49	0♉19'13	16°56	18°15	19°26	9°33	22°34	16°11	9°17	9°52	21°58	22°25	22°26	10°37	n.a.	M26
T 27	14 9 46	1°16'29	28°53	19°57	19° 6	9°57	22°40	16°18	9°15	9°53	21°56	22°15	22°23	10°44	n.a.	T 27
W28	14 13 43	2°13'47	10♎58	21°37	18°43	10°21	22°47	16°25	9°14	9°54	21°55	22° 4	22°20	10°51	n.a.	W28
T 29	14 17 39	3°11'06	23°13	23°16	18°19	10°45	22°53	16°33	9°13	9°55	21°54	21°51	22°17	10°57	n.a.	T 29
F 30	14 21 36	4° 8'26	5♏39	24°53	17°52	11° 8	23° 0	16°40	9°12	9°57	21°52	21°38	22°14	11° 4	n.a.	F 30
S 31	14 25 32	5♉ 5'47	18♏17	26♉28	17♉24	11♑31	23♋ 6	16♉48	9♍11	9♋58	21♎51	21♑26	22♑10	11♍11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n40	10s19	4s56	0s58	0s12	20n20	3n23	26s13	2s 8	24n10	1n45	15n45	0s32	8n47	0n48	25n 8	1n23	7s 6	2n 4	21s48	21s57	5n33		n.a.
F 2	3 3	15 10	5 1	0n 3	0 1	20 25	3 20	26 16	2 11	24 10	1 45	15 47	0 32	8 47	0 48	25 8	1 23	7 6	2 4	21 50	21 58	5 30		n.a.
S 3	3 26	19 27	4 52	1 5	0n10	20 30	3 16	26 20	2 13	24 9	1 44	15 49	0 32	8 48	0 48	25 8	1 23	7 6	2 4	21 52	21 59	5 27		n.a.
S 4	3 49	22 55	4 28	2 7	0 20	20 34	3 11	26 23	2 16	24 8	1 44	15 51	0 32	8 49	0 48	25 8	1 22	7 5	2 4	21 54	21 59	5 24		n.a.
M 5	4 12	25 21	3 51	3 9	0 30	20 38	3 7	26 26	2 19	24 8	1 44	15 53	0 32	8 50	0 48	25 7	1 22	7 5	2 4	21 55	22 0	5 21		n.a.
T 6	4 35	26 29	3 1	4 10	0 40	20 40	3 2	26 28	2 22	24 7	1 44	15 56	0 32	8 50	0 48	25 7	1 22	7 4	2 4	21 56	22 0	5 18		n.a.
W 7	4 58	26 8	2 1	5 11	0 49	20 42	2 57	26 31	2 24	24 6	1 43	15 58	0 32	8 51	0 48	25 7	1 22	7 4	2 4	21 56	22 1	5 14		n.a.
T 8	5 21	24 16	0 53	6 11	0 58	20 42	2 51	26 34	2 27	24 5	1 43	16 0	0 31	8 52	0 48	25 7	1 22	7 3	2 4	21 57	22 1	5 11		n.a.
F 9	5 43	20 54	0n20	7 9	1 6	20 42	2 45	26 36	2 30	24 5	1 43	16 2	0 31	8 53	0 48	25 7	1 22	7 3	2 4	21 57	22 2	5 8		n.a.
S 10	6 6	16 15	1 33	8 7	1 14	20 41	2 39	26 38	2 33	24 4	1 42	16 4	0 31	8 53	0 48	25 7	1 22	7 2	2 4	21 57	22 3	5 5		n.a.
S 11	6 29	10 35	2 42	9 3	1 21	20 39	2 32	26 41	2 35	24 3	1 42	16 7	0 31	8 54	0 48	25 7	1 22	7 2	2 4	21 57	22 3	5 2		n.a.
M12	6 51	4 13	3 42	9 58	1 28	20 36	2 25	26 43	2 38	24 2	1 42	16 9	0 31	8 55	0 48	25 7	1 22	7 1	2 3	21 58	22 4	4 59		n.a.
T 13	7 13	2n26	4 27	10 52	1 33	20 32	2 18	26 45	2 41	24 1	1 42	16 11	0 31	8 55	0 48	25 7	1 22	7 1	2 3	21 59	22 4	4 56		n.a.
W14	7 36	8 57	4 54	11 43	1 39	20 27	2 10	26 47	2 44	24 0	1 41	16 13	0 31	8 56	0 48	25 7	1 22	7 0	2 3	22 1	22 5	4 53		n.a.
T 15	7 58	14 54	5 0	12 33	1 43	20 21	2 2	26 49	2 47	23 59	1 41	16 15	0 31	8 57	0 48	25 7	1 22	7 0	2 3	22 3	22 5	4 49		n.a.
F 16	8 20	19 54	4 47	13 21	1 47	20 14	1 53	26 51	2 50	23 58	1 41	16 18	0 31	8 57	0 48	25 7	1 22	6 59	2 3	22 5	22 6	4 46		n.a.
S 17	8 42	23 37	4 16	14 7	1 51	20 6	1 44	26 52	2 53	23 57	1 40	16 20	0 30	8 58	0 48	25 7	1 22	6 59	2 3	22 7	22 6	4 43		n.a.
S 18	9 4	25 48	3 31	14 51	1 53	19 57	1 34	26 54	2 56	23 56	1 40	16 22	0 30	8 58	0 48	25 6	1 22	6 58	2 3	22 8	22 7	4 40		n.a.
M19	9 26	26 26	2 35	15 33	1 55	19 47	1 24	26 56	2 59	23 55	1 40	16 25	0 30	8 59	0 47	25 6	1 22	6 58	2 3	22 9	22 7	4 37		n.a.
T 20	9 47	25 35	1 33	16 14	1 57	19 36	1 14	26 57	3 2	23 54	1 40	16 27	0 30	8 59	0 47	25 6	1 22	6 58	2 3	22 9	22 8	4 34		n.a.
W21	10 9	23 27	0 29	16 52	1 58	19 24	1 3	26 59	3 5	23 53	1 39	16 29	0 30	9 0	0 47	25 6	1 22	6 57	2 3	22 9	22 9	4 31		n.a.
T 22	10 30	20 16	0s36	17 28	1 58	19 11	0 52	27 0	3 8	23 51	1 39	16 31	0 30	9 0	0 47	25 6	1 22	6 57	2 2	22 9	22 9	4 28		n.a.
F 23	10 51	16 17	1 38	18 3	1 58	18 57	0 40	27 1	3 11	23 50	1 39	16 34	0 30	9 1	0 47	25 6	1 22	6 56	2 2	22 9	22 10	4 24		n.a.
S 24	11 12	11 43	2 34	18 35	1 57	18 41	0 28	27 3	3 14	23 49	1 38	16 36	0 30	9 1	0 47	25 6	1 22	6 56	2 2	22 10	22 10	4 21		n.a.
S 25	11 33	6 45	3 24	19 5	1 56	18 25	0 16	27 4	3 17	23 48	1 38	16 38	0 30	9 2	0 47	25 6	1 22	6 55	2 2	22 10	22 11	4 18		n.a.
M26	11 54	1 33	4 5	19 34	1 54	18 8	0 3	27 5	3 20	23 46	1 38	16 40	0 30	9 2	0 47	25 6	1 22	6 55	2 2	22 12	22 11	4 15		n.a.
T 27	12 15	3s45	4 36	20 1	1 52	17 50	0s10	27 7	3 24	23 45	1 38	16 43	0 29	9 3	0 47	25 6	1 22	6 54	2 2	22 13	22 12	4 12		n.a.
W28	12 35	8 57	4 55	20 26	1 49	17 31	0 23	27 8	3 27	23 44	1 37	16 45	0 29	9 3	0 47	25 5	1 22	6 54	2 2	22 15	22 12	4 9		n.a.
T 29	12 55	13 53	5 0	20 49	1 45	17 11	0 37	27 9	3 30	23 42	1 37	16 47	0 29	9 4	0 47	25 5	1 22	6 53	2 2	22 17	22 13	4 6		n.a.
F 30	13 15	18 20	4 52	21 10	1 42	16 50	0 51	27 10	3 33	23 41	1 37	16 49	0 29	9 4	0 47	25 5	1 22	6 53	2 2	22 19	22 13	4 3		n.a.
S 31	13n35	22s 2	4s29	21n29	1n37	16n28	1s 5	27s11	3s36	23n40	1n37	16n52	0s29	9n 4	0n47	25n 5	1n22	6s52	2n 1	22s21	22s14	3n59		n.a.

Julian Day Number = 205025.5, Delta T = 32h03m07s
Ecliptic obliquity = 24°06'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'42, Lahiri = -60°59'42 Julian Calendar 1 May 4152 BCE == Greg. Calendar 29 March 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

JUNE 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 29 29	6♉ 3'10	1♐ 6	28♉ 1	16°R54	11♏53	23♋13	16♉55	9°R10	9♋59	21°R49	21°R16	22♏ 7	11♍18	n.a.	S 1
M 2	14 33 25	7° 0'34	14° 6	29°33	16♉22	12°15	23°20	17° 3	9♍ 9	10° 0	21♎48	21♏ 9	22° 4	11°24	n.a.	M 2
T 3	14 37 22	7°58'00	27°17	1♊ 3	15°49	12°36	23°27	17°10	9° 8	10° 1	21°46	21° 4	22° 1	11°31	n.a.	T 3
W 4	14 41 19	8°55'28	10♏40	2°32	15°15	12°56	23°35	17°18	9° 7	10° 3	21°45	21° 2	21°58	11°38	n.a.	W 4
T 5	14 45 15	9°52'57	24°16	3°58	14°40	13°16	23°42	17°25	9° 6	10° 4	21°44	21°D 2	21°54	11°44	n.a.	T 5
F 6	14 49 12	10°50'27	8♒ 5	5°23	14° 4	13°35	23°50	17°33	9° 6	10° 5	21°42	21°R 2	21°51	11°51	n.a.	F 6
S 7	14 53 8	11°48'00	22° 7	6°46	13°28	13°54	23°57	17°40	9° 5	10° 7	21°41	21° 2	21°48	11°58	n.a.	S 7
S 8	14 57 5	12°45'34	6♓24	8° 8	12°51	14°12	24° 5	17°48	9° 4	10° 8	21°39	21° 0	21°45	12° 4	n.a.	S 8
M 9	15 1 1	13°43'10	20°51	9°27	12°15	14°30	24°13	17°55	9° 4	10° 9	21°38	20°56	21°42	12°11	n.a.	M 9
T 10	15 4 58	14°40'48	5♈26	10°45	11°38	14°47	24°21	18° 3	9° 3	10°11	21°37	20°49	21°39	12°18	n.a.	T 10
W11	15 8 55	15°38'28	20° 3	12° 0	11° 2	15° 3	24°29	18°10	9° 3	10°12	21°35	20°40	21°35	12°24	n.a.	W11
T 12	15 12 51	16°36'09	4♉36	13°14	10°27	15°18	24°37	18°18	9° 2	10°14	21°34	20°30	21°32	12°31	n.a.	T 12
F 13	15 16 48	17°33'53	18°56	14°25	9°52	15°33	24°46	18°26	9° 2	10°15	21°33	20°21	21°29	12°38	n.a.	F 13
S 14	15 20 44	18°31'38	2♊57	15°34	9°19	15°48	24°54	18°33	9° 2	10°17	21°31	20°12	21°26	12°45	n.a.	S 14
S 15	15 24 41	19°29'24	16°37	16°41	8°46	16° 1	25° 3	18°41	9° 1	10°18	21°30	20° 5	21°23	12°51	n.a.	S 15
M16	15 28 37	20°27'12	29°52	17°46	8°16	16°14	25°11	18°48	9° 1	10°20	21°29	20° 1	21°20	12°58	n.a.	M16
T 17	15 32 34	21°25'02	12♋44	18°48	7°46	16°26	25°20	18°56	9° 1	10°22	21°28	19°59	21°16	13° 5	n.a.	T 17
W18	15 36 31	22°22'53	25°15	19°47	7°19	16°37	25°29	19° 3	9° 1	10°23	21°26	19°D59	21°13	13°11	n.a.	W18
T 19	15 40 27	23°20'46	7♌28	20°44	6°54	16°48	25°38	19°11	9° 1	10°25	21°25	20° 0	21°10	13°18	n.a.	T 19
F 20	15 44 24	24°18'40	19°28	21°38	6°30	16°57	25°48	19°19	9°D 1	10°26	21°24	20°R 1	21° 7	13°25	n.a.	F 20
S 21	15 48 20	25°16'36	1♍21	22°28	6° 9	17° 6	25°57	19°26	9° 1	10°28	21°23	20° 1	21° 4	13°31	n.a.	S 21
S 22	15 52 17	26°14'33	13°12	23°16	5°50	17°15	26° 6	19°34	9° 1	10°30	21°22	19°59	21° 0	13°38	n.a.	S 22
M23	15 56 13	27°12'32	25° 6	24° 0	5°33	17°22	26°16	19°41	9° 1	10°32	21°21	19°55	20°57	13°45	n.a.	M23
T 24	16 0 10	28°10'33	7♎ 6	24°40	5°18	17°29	26°25	19°49	9° 1	10°33	21°19	19°49	20°54	13°52	n.a.	T 24
W25	16 4 6	29° 8'35	19°17	25°16	5° 6	17°35	26°35	19°56	9° 1	10°35	21°18	19°42	20°51	13°58	n.a.	W25
T 26	16 8 3	0♊ 6'40	1♏42	25°49	4°56	17°40	26°45	20° 4	9° 1	10°37	21°17	19°33	20°48	14° 5	n.a.	T 26
F 27	16 11 59	1° 4'46	14°21	26°17	4°48	17°44	26°55	20°11	9° 2	10°39	21°16	19°24	20°45	14°12	n.a.	F 27
S 28	16 15 56	2° 2'54	27°15	26°40	4°43	17°47	27° 5	20°19	9° 2	10°41	21°15	19°16	20°41	14°18	n.a.	S 28
S 29	16 19 53	3° 1'04	10♐24	26°58	4°41	17°50	27°15	20°26	9° 2	10°42	21°14	19°10	20°38	14°25	n.a.	S 29
M30	16 23 49	3♊59'16	23♐46	27♊11	4°D40	17♏51	27♋25	20♉34	9♍ 3	10♋44	21♎13	19♏ 5	20♏35	14♍32	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n55	24s44	3s52	21n47	1n33	16n 6	1s19	27s13	3s40	23n38	1n36	16n54	0s29	9n 5	0n47	25n 5	1n22	6s52	2n 1	22s23	22s14	3n56		n.a.
M 2	14 14	26 9	3 2	22 3	1 27	15 43	1 33	27 14	3 43	23 37	1 36	16 56	0 29	9 5	0 47	25 5	1 22	6 52	2 1	22 24	22 15	3 53		n.a.
T 3	14 33	26 7	2 2	22 17	1 22	15 20	1 47	27 15	3 46	23 35	1 36	16 59	0 29	9 5	0 47	25 5	1 22	6 51	2 1	22 25	22 15	3 50		n.a.
W 4	14 52	24 35	0 55	22 30	1 16	14 56	2 1	27 16	3 49	23 34	1 36	17 1	0 29	9 6	0 47	25 5	1 21	6 51	2 1	22 25	22 16	3 47		n.a.
T 5	15 11	21 35	0n17	22 41	1 10	14 32	2 15	27 17	3 53	23 32	1 35	17 3	0 29	9 6	0 47	25 4	1 21	6 50	2 1	22 25	22 17	3 44		n.a.
F 6	15 30	17 20	1 29	22 50	1 3	14 8	2 29	27 19	3 56	23 30	1 35	17 5	0 28	9 6	0 47	25 4	1 21	6 50	2 1	22 25	22 17	3 41		n.a.
S 7	15 48	12 3	2 37	22 58	0 56	13 44	2 43	27 20	3 59	23 29	1 35	17 8	0 28	9 6	0 47	25 4	1 21	6 49	2 1	22 25	22 18	3 38		n.a.
S 8	16 6	6 5	3 36	23 5	0 48	13 20	2 57	27 21	4 3	23 27	1 35	17 10	0 28	9 7	0 47	25 4	1 21	6 49	2 0	22 25	22 18	3 34		n.a.
M 9	16 24	0n17	4 23	23 10	0 41	12 56	3 10	27 23	4 6	23 26	1 34	17 12	0 28	9 7	0 47	25 4	1 21	6 49	2 0	22 26	22 19	3 31		n.a.
T 10	16 42	6 40	4 52	23 13	0 32	12 33	3 23	27 24	4 10	23 24	1 34	17 14	0 28	9 7	0 47	25 4	1 21	6 48	2 0	22 27	22 19	3 28		n.a.
W11	16 59	12 42	5 3	23 16	0 24	12 9	3 35	27 26	4 13	23 22	1 34	17 17	0 28	9 7	0 47	25 4	1 21	6 48	2 0	22 28	22 20	3 25		n.a.
T 12	17 16	18 0	4 54	23 17	0 15	11 47	3 47	27 27	4 16	23 20	1 34	17 19	0 28	9 7	0 47	25 3	1 21	6 47	2 0	22 30	22 20	3 22		n.a.
F 13	17 33	22 12	4 27	23 17	0 6	11 25	3 59	27 29	4 20	23 19	1 34	17 21	0 28	9 7	0 46	25 3	1 21	6 47	2 0	22 31	22 21	3 19		n.a.
S 14	17 49	24 59	3 43	23 15	0s 3	11 4	4 10	27 30	4 23	23 17	1 33	17 23	0 28	9 7	0 46	25 3	1 21	6 47	2 0	22 33	22 21	3 16		n.a.
S 15	18 6	26 13	2 48	23 13	0 13	10 44	4 20	27 32	4 27	23 15	1 33	17 26	0 28	9 7	0 46	25 3	1 21	6 46	2 0	22 34	22 22	3 13		n.a.
M16	18 22	25 52	1 45	23 9	0 23	10 24	4 30	27 34	4 30	23 13	1 33	17 28	0 28	9 7	0 46	25 3	1 21	6 46	1 59	22 34	22 22	3 10		n.a.
T 17	18 37	24 8	0 39	23 5	0 33	10 6	4 39	27 36	4 34	23 11	1 33	17 30	0 28	9 8	0 46	25 3	1 21	6 46	1 59	22 35	22 23	3 6		n.a.
W18	18 53	21 14	0s28	22 59	0 43	9 49	4 48	27 38	4 37	23 9	1 32	17 32	0 27	9 8	0 46	25 3	1 21	6 45	1 59	22 35	22 23	3 3		n.a.
T 19	19 8	17 26	1 32	22 53	0 54	9 33	4 56	27 40	4 41	23 7	1 32	17 34	0 27	9 8	0 46	25 2	1 21	6 45	1 59	22 35	22 24	3 0		n.a.
F 20	19 23	13 0	2 31	22 46	1 5	9 18	5 4	27 42	4 44	23 5	1 32	17 37	0 27	9 8	0 46	25 2	1 21	6 45	1 59	22 34	22 24	2 57		n.a.
S 21	19 37	8 8	3 23	22 38	1 15	9 4	5 10	27 44	4 47	23 3	1 32	17 39	0 27	9 7	0 46	25 2	1 21	6 44	1 59	22 34	22 25	2 54		n.a.
S 22	19 51	3 0	4 6	22 30	1 27	8 52	5 17	27 46	4 51	23 1	1 32	17 41	0 27	9 7	0 46	25 2	1 21	6 44	1 59	22 35	22 25	2 51		n.a.
M23	20 5	2s14	4 39	22 21	1 38	8 41	5 22	27 49	4 54	22 59	1 31	17 43	0 27	9 7	0 46	25 2	1 21	6 44	1 59	22 35	22 26	2 48		n.a.
T 24	20 19	7 27	4 59	22 11	1 49	8 32	5 27	27 51	4 58	22 57	1 31	17 45	0 27	9 7	0 46	25 2	1 21	6 43	1 58	22 36	22 26	2 45		n.a.
W25	20 32	12 27	5 7	22 1	2 0	8 23	5 32	27 54	5 1	22 55	1 31	17 47	0 27	9 7	0 46	25 1	1 21	6 43	1 58	22 37	22 27	2 41		n.a.
T 26	20 45	17 3	5 0	21 51	2 12	8 16	5 35	27 56	5 4	22 53	1 31	17 50	0 27	9 7	0 46	25 1	1 21	6 43	1 58	22 39	22 27	2 38		n.a.
F 27	20 57	21 0	4 38	21 41	2 23	8 11	5 39	27 59	5 8	22 51	1 31	17 52	0 27	9 7	0 46	25 1	1 21	6 42	1 58	22 40	22 28	2 35		n.a.
S 28	21 9	24 1	4 2	21 30	2 34	8 6	5 42	28 2	5 11	22 48	1 30	17 54	0 27	9 7	0 46	25 1	1 21	6 42	1 58	22 41	22 28	2 32		n.a.
S 29	21 21	25 49	3 13	21 19	2 45	8 3	5 44	28 5	5 14	22 46	1 30	17 56	0 27	9 6	0 46	25 1	1 21	6 42	1 58	22 42	22 29	2 29		n.a.
M30	21n32	26s10	2s12	21n 9	2s56	8n 2	5s46	28s 8	5s18	22n44	1n30	17n58	0s26	9n 6	0n46	25n 1	1n21	6s42	1n58	22s43	22s29	2n26		n.a.

Julian Day Number = 205056.5, Delta T = 32h03m03s
Ecliptic obliquity = 24°06'52, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'38, Lahiri = -60°59'38 Julian Calendar 1 June 4152 BCE == Greg. Calendar 29 Apr. 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

JULY 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 27 46	4♊57'30	7♑21	27♊19	4♉42	17°R52	27♋35	20♉41	9♍ 3	10♋46	21°R12	19°R 2	20♑32	14♍38	n.a.	T 1
W 2	16 31 42	5°55'46	21° 5	27°R21	4°47	17♑52	27°46	20°48	9° 4	10°48	21♎11	19°D 2	20°29	14°45	n.a.	W 2
T 3	16 35 39	6°54'05	4♒57	27°17	4°53	17°51	27°56	20°56	9° 5	10°50	21°10	19♑ 3	20°25	14°52	n.a.	T 3
F 4	16 39 35	7°52'26	18°57	27° 6	5° 2	17°49	28° 7	21° 3	9° 5	10°52	21° 9	19° 4	20°22	14°59	n.a.	F 4
S 5	16 43 32	8°50'49	3♓ 3	26°50	5°13	17°46	28°17	21°10	9° 6	10°54	21° 8	19°R 5	20°19	15° 5	n.a.	S 5
S 6	16 47 28	9°49'15	17°13	26°26	5°26	17°43	28°28	21°18	9° 7	10°56	21° 8	19° 5	20°16	15°12	n.a.	S 6
M 7	16 51 25	10°47'43	1♈27	25°57	5°41	17°38	28°39	21°25	9° 8	10°58	21° 7	19° 3	20°13	15°19	n.a.	M 7
T 8	16 55 22	11°46'14	15°41	25°21	5°58	17°33	28°50	21°32	9° 9	11° 0	21° 6	19° 0	20°10	15°25	n.a.	T 8
W 9	16 59 18	12°44'47	29°52	24°38	6°17	17°27	29° 1	21°40	9°10	11° 2	21° 5	18°55	20° 6	15°32	n.a.	W 9
T 10	17 3 15	13°43'23	13♉57	23°51	6°38	17°19	29°12	21°47	9°11	11° 4	21° 4	18°50	20° 3	15°39	n.a.	T 10
F 11	17 7 11	14°42'00	27°51	22°58	7° 0	17°11	29°23	21°54	9°12	11° 6	21° 4	18°44	20° 0	15°45	n.a.	F 11
S 12	17 11 8	15°40'41	11♊30	22° 1	7°25	17° 2	29°34	22° 1	9°13	11° 8	21° 3	18°39	19°57	15°52	n.a.	S 12
S 13	17 15 4	16°39'23	24°52	21° 1	7°51	16°53	29°45	22° 8	9°14	11°10	21° 2	18°36	19°54	15°59	n.a.	S 13
M14	17 19 1	17°38'08	7♋56	19°59	8°18	16°42	29°57	22°15	9°15	11°12	21° 2	18°34	19°51	16° 6	n.a.	M14
T 15	17 22 57	18°36'55	20°40	18°56	8°48	16°31	0♌ 8	22°22	9°16	11°14	21° 1	18°D34	19°47	16°12	n.a.	T 15
W16	17 26 54	19°35'44	3♌ 7	17°54	9°18	16°19	0°20	22°29	9°18	11°16	21° 0	18°34	19°44	16°19	n.a.	W16
T 17	17 30 50	20°34'34	15°19	16°54	9°50	16° 6	0°31	22°36	9°19	11°19	21° 0	18°36	19°41	16°26	n.a.	T 17
F 18	17 34 47	21°33'27	27°20	15°58	10°24	15°52	0°43	22°43	9°20	11°21	20°59	18°38	19°38	16°32	n.a.	F 18
S 19	17 38 44	22°32'22	9♍14	15° 8	10°59	15°38	0°55	22°50	9°22	11°23	20°59	18°39	19°35	16°39	n.a.	S 19
S 20	17 42 40	23°31'19	21° 5	14°24	11°35	15°23	1° 6	22°57	9°23	11°25	20°58	18°R40	19°31	16°46	n.a.	S 20
M21	17 46 37	24°30'18	2♎59	13°47	12°12	15° 7	1°18	23° 4	9°25	11°27	20°58	18°39	19°28	16°52	n.a.	M21
T 22	17 50 33	25°29'19	15° 0	13°20	12°51	14°51	1°30	23°11	9°26	11°29	20°57	18°38	19°25	16°59	n.a.	T 22
W23	17 54 30	26°28'22	27°13	13° 1	13°31	14°34	1°42	23°18	9°28	11°31	20°57	18°36	19°22	17° 6	n.a.	W23
T 24	17 58 26	27°27'27	9♏42	12°D52	14°12	14°17	1°54	23°24	9°30	11°34	20°56	18°33	19°19	17°13	n.a.	T 24
F 25	18 2 23	28°26'34	22°28	12°54	14°54	13°59	2° 6	23°31	9°31	11°36	20°56	18°30	19°16	17°19	n.a.	F 25
S 26	18 6 19	29°25'43	5♐35	13° 5	15°37	13°41	2°18	23°38	9°33	11°38	20°56	18°27	19°12	17°26	n.a.	S 26
S 27	18 10 16	0♋24'55	19° 1	13°27	16°21	13°23	2°30	23°44	9°35	11°40	20°55	18°24	19° 9	17°33	n.a.	S 27
M28	18 14 12	1°24'09	2♑45	13°58	17° 6	13° 4	2°43	23°51	9°37	11°42	20°55	18°23	19° 6	17°39	n.a.	M28
T 29	18 18 9	2°23'25	16°45	14°38	17°52	12°44	2°55	23°57	9°39	11°45	20°55	18°D22	19° 3	17°46	n.a.	T 29
W30	18 22 5	3°22'43	0♒57	15°27	18°39	12°25	3° 7	24° 4	9°41	11°47	20°55	18°23	19° 0	17°53	n.a.	W30
T 31	18 26 2	4♋22'04	15♒16	16♊23	19♉27	12♑ 5	3♌20	24♉10	9♍43	11♋49	20♎55	18♑24	18♑57	18♍ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n43	24s57	1s 3	20n58	3s 7	8n 1	5s47	28s11	5s21	22n42	1n30	18n 0	0s26	9n 6	0n46	25n 0	1n21	6s41	1n57	22s43	22s30	2n23			n.a.
W 2	21 54	22 14	0n11	20 48	3 17	8 2	5 48	28 14	5 24	22 39	1 30	18 2	0 26	9 6	0 46	25 0	1 21	6 41	1 57	22 43	22 30	2 20			n.a.
T 3	22 4	18 11	1 25	20 39	3 26	8 3	5 48	28 17	5 27	22 37	1 30	18 4	0 26	9 5	0 46	25 0	1 21	6 41	1 57	22 43	22 31	2 17			n.a.
F 4	22 14	13 7	2 35	20 30	3 35	8 6	5 48	28 20	5 30	22 35	1 29	18 6	0 26	9 5	0 45	25 0	1 21	6 41	1 57	22 43	22 31	2 13			n.a.
S 5	22 24	7 19	3 36	20 21	3 43	8 10	5 48	28 24	5 33	22 32	1 29	18 8	0 26	9 5	0 45	25 0	1 21	6 41	1 57	22 43	22 32	2 10			n.a.
S 6	22 33	1 9	4 24	20 13	3 51	8 15	5 47	28 27	5 36	22 30	1 29	18 10	0 26	9 4	0 45	25 0	1 21	6 40	1 57	22 43	22 32	2 7			n.a.
M 7	22 42	5n 6	4 56	20 6	3 57	8 21	5 46	28 31	5 39	22 27	1 29	18 12	0 26	9 4	0 45	24 59	1 21	6 40	1 57	22 43	22 33	2 4			n.a.
T 8	22 50	11 5	5 10	20 0	4 1	8 28	5 45	28 34	5 42	22 25	1 29	18 14	0 26	9 4	0 45	24 59	1 21	6 40	1 56	22 43	22 33	2 1			n.a.
W 9	22 58	16 28	5 5	19 56	4 5	8 36	5 43	28 38	5 44	22 23	1 28	18 16	0 26	9 3	0 45	24 59	1 21	6 40	1 56	22 44	22 34	1 58			n.a.
T 10	23 5	20 56	4 42	19 52	4 6	8 45	5 41	28 41	5 47	22 20	1 28	18 18	0 26	9 3	0 45	24 59	1 21	6 40	1 56	22 45	22 34	1 55			n.a.
F 11	23 12	24 9	4 2	19 49	4 6	8 54	5 39	28 45	5 50	22 17	1 28	18 20	0 26	9 2	0 45	24 59	1 21	6 40	1 56	22 46	22 35	1 52			n.a.
S 12	23 19	25 54	3 8	19 48	4 4	9 5	5 37	28 49	5 52	22 15	1 28	18 22	0 26	9 2	0 45	24 58	1 21	6 39	1 56	22 46	22 35	1 49			n.a.
S 13	23 25	26 6	2 6	19 48	4 0	9 16	5 34	28 52	5 55	22 12	1 28	18 24	0 26	9 1	0 45	24 58	1 21	6 39	1 56	22 47	22 36	1 45			n.a.
M14	23 31	24 50	0 58	19 50	3 54	9 27	5 31	28 56	5 57	22 10	1 28	18 26	0 25	9 1	0 45	24 58	1 21	6 39	1 55	22 47	22 36	1 42			n.a.
T 15	23 36	22 17	0s12	19 53	3 46	9 40	5 28	29 0	5 59	22 7	1 28	18 28	0 25	9 0	0 45	24 58	1 21	6 39	1 55	22 47	22 36	1 39			n.a.
W16	23 41	18 44	1 19	19 57	3 36	9 53	5 25	29 3	6 1	22 4	1 27	18 30	0 25	9 0	0 45	24 58	1 21	6 39	1 55	22 47	22 37	1 36			n.a.
T 17	23 46	14 27	2 22	20 4	3 24	10 6	5 21	29 7	6 3	22 2	1 27	18 32	0 25	8 59	0 45	24 57	1 21	6 39	1 55	22 47	22 37	1 33			n.a.
F 18	23 50	9 40	3 17	20 12	3 11	10 20	5 18	29 10	6 5	21 59	1 27	18 34	0 25	8 59	0 45	24 57	1 21	6 39	1 55	22 47	22 38	1 30			n.a.
S 19	23 54	4 35	4 3	20 21	2 55	10 35	5 14	29 14	6 6	21 56	1 27	18 36	0 25	8 58	0 45	24 57	1 21	6 39	1 55	22 46	22 38	1 27			n.a.
S 20	23 57	0s37	4 39	20 32	2 39	10 50	5 10	29 17	6 8	21 53	1 27	18 38	0 25	8 57	0 45	24 57	1 21	6 39	1 55	22 46	22 39	1 24			n.a.
M21	24 0	5 50	5 3	20 45	2 22	11 6	5 5	29 20	6 9	21 50	1 27	18 40	0 25	8 57	0 45	24 57	1 21	6 39	1 54	22 46	22 39	1 21			n.a.
T 22	24 2	10 52	5 14	21 0	2 4	11 21	5 1	29 23	6 10	21 48	1 27	18 41	0 25	8 56	0 45	24 57	1 21	6 39	1 54	22 47	22 40	1 18			n.a.
W23	24 4	15 35	5 11	21 15	1 46	11 38	4 57	29 26	6 11	21 45	1 27	18 43	0 25	8 56	0 45	24 56	1 21	6 39	1 54	22 47	22 40	1 14			n.a.
T 24	24 5	19 45	4 53	21 33	1 27	11 54	4 52	29 29	6 12	21 42	1 26	18 45	0 25	8 55	0 45	24 56	1 21	6 39	1 54	22 47	22 41	1 11			n.a.
F 25	24 6	23 6	4 21	21 51	1 9	12 11	4 47	29 32	6 13	21 39	1 26	18 47	0 25	8 54	0 45	24 56	1 21	6 39	1 54	22 48	22 41	1 8			n.a.
S 26	24 7	25 21	3 35	22 10	0 51	12 29	4 43	29 35	6 13	21 36	1 26	18 48	0 25	8 53	0 45	24 56	1 21	6 39	1 54	22 48	22 42	1 5			n.a.
S 27	24 7	26 13	2 35	22 30	0 34	12 46	4 38	29 37	6 14	21 33	1 26	18 50	0 25	8 53	0 44	24 56	1 21	6 39	1 54	22 48	22 42	1 2			n.a.
M28	24 6	25 30	1 25	22 50	0 17	13 4	4 33	29 39	6 14	21 30	1 26	18 52	0 25	8 52	0 44	24 55	1 21	6 39	1 53	22 49	22 43	0 59			n.a.
T 29	24 5	23 11	0 9	23 11	0 1	13 22	4 28	29 41	6 14	21 27	1 26	18 54	0 25	8 51	0 44	24 55	1 21	6 39	1 53	22 49	22 43	0 56			n.a.
W30	24 4	19 24	1n 9	23 31	0n14	13 40	4 22	29 43	6 14	21 24	1 26	18 55	0 24	8 50	0 44	24 55	1 21	6 39	1 53	22 49	22 43	0 53			n.a.
T 31	24n 2	14s26	2n23	23n51	0n28	13n58	4s17	29s45	6s14	21n21	1n26	18n57	0s24	8n49	0n44	24n55	1n21	6s39	1n53	22s49	22s44	0n50			n.a.

Julian Day Number = 205086.5, Delta T = 32h03m00s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'34, Lahiri = -60°59'34 Julian Calendar 1 July 4152 BCE == Greg. Calendar 29 May 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

AUGUST 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 29 59	5♋21'28	29♒38	17♊27	20♉15	11°R45	3♌32	24♉16	9♍45	11♋51	20°R54	18♏25	18♏53	18♍ 6	n.a.	F 1
S 2	18 33 55	6°20'53	13♓59	18°38	21° 5	11♏25	3°45	24°23	9°47	11°54	20♎54	18°26	18°50	18°13	n.a.	S 2
S 3	18 37 52	7°20'22	28°16	19°54	21°55	11° 5	3°57	24°29	9°49	11°56	20°54	18°26	18°47	18°20	n.a.	S 3
M 4	18 41 48	8°19'53	12♈26	21°16	22°46	10°44	4°10	24°35	9°51	11°58	20°54	18°R26	18°44	18°26	n.a.	M 4
T 5	18 45 45	9°19'26	26°27	22°42	23°38	10°24	4°22	24°41	9°53	12° 0	20°54	18°26	18°41	18°33	n.a.	T 5
W 6	18 49 41	10°19'03	10♉18	24°12	24°30	10° 4	4°35	24°47	9°56	12° 3	20°D54	18°25	18°37	18°40	n.a.	W 6
T 7	18 53 38	11°18'42	23°57	25°45	25°24	9°44	4°48	24°53	9°58	12° 5	20°54	18°24	18°34	18°46	n.a.	T 7
F 8	18 57 34	12°18'23	7♊24	27°21	26°17	9°24	5° 1	24°59	10° 0	12° 7	20°54	18°24	18°31	18°53	n.a.	F 8
S 9	19 1 31	13°18'07	20°37	28°59	27°12	9° 4	5°13	25° 5	10° 3	12° 9	20°54	18°23	18°28	19° 0	n.a.	S 9
S 10	19 5 27	14°17'53	3♋36	0♋38	28° 7	8°45	5°26	25°11	10° 5	12°12	20°54	18°22	18°25	19° 7	n.a.	S 10
M11	19 9 24	15°17'42	16°21	2°20	29° 3	8°26	5°39	25°17	10° 8	12°14	20°55	18°D22	18°22	19°13	n.a.	M11
T 12	19 13 20	16°17'32	28°53	4° 2	29°59	8° 7	5°52	25°22	10°10	12°16	20°55	18°22	18°18	19°20	n.a.	T 12
W13	19 17 17	17°17'25	11♌12	5°45	0♊56	7°49	6° 5	25°28	10°13	12°18	20°55	18°23	18°15	19°27	n.a.	W13
T 14	19 21 13	18°17'20	23°19	7°28	1°53	7°31	6°18	25°34	10°15	12°21	20°55	18°R23	18°12	19°33	n.a.	T 14
F 15	19 25 10	19°17'17	5♍18	9°12	2°51	7°14	6°31	25°39	10°18	12°23	20°56	18°23	18° 9	19°40	n.a.	F 15
S 16	19 29 7	20°17'16	17°11	10°56	3°49	6°57	6°44	25°45	10°21	12°25	20°56	18°22	18° 6	19°47	n.a.	S 16
S 17	19 33 3	21°17'17	29° 2	12°40	4°48	6°41	6°57	25°50	10°23	12°27	20°56	18°22	18° 3	19°54	n.a.	S 17
M18	19 37 0	22°17'20	10♎54	14°24	5°47	6°25	7°10	25°55	10°26	12°29	20°57	18°22	17°59	20° 0	n.a.	M18
T 19	19 40 56	23°17'25	22°53	16° 7	6°47	6°10	7°23	26° 0	10°29	12°32	20°57	18°D22	17°56	20° 7	n.a.	T 19
W20	19 44 53	24°17'31	5♏ 4	17°51	7°47	5°56	7°37	26° 5	10°32	12°34	20°57	18°22	17°53	20°14	n.a.	W20
T 21	19 48 49	25°17'40	17°30	19°34	8°48	5°42	7°50	26°11	10°35	12°36	20°58	18°22	17°50	20°20	n.a.	T 21
F 22	19 52 46	26°17'50	0♐15	21°16	9°49	5°29	8° 3	26°15	10°37	12°38	20°58	18°23	17°47	20°27	n.a.	F 22
S 23	19 56 42	27°18'02	13°24	22°58	10°50	5°17	8°16	26°20	10°40	12°41	20°59	18°24	17°43	20°34	n.a.	S 23
S 24	20 0 39	28°18'17	26°57	24°40	11°52	5° 6	8°29	26°25	10°43	12°43	20°59	18°25	17°40	20°40	n.a.	S 24
M25	20 4 35	29°18'33	10♑55	26°21	12°55	4°55	8°43	26°30	10°46	12°45	21° 0	18°25	17°37	20°47	n.a.	M25
T 26	20 8 32	0♒18'51	25°14	28° 2	13°57	4°45	8°56	26°35	10°49	12°47	21° 1	18°R25	17°34	20°54	n.a.	T 26
W27	20 12 28	1°19'11	9♓51	29°42	15° 0	4°36	9° 9	26°39	10°52	12°49	21° 1	18°25	17°31	21° 1	n.a.	W27
T 28	20 16 25	2°19'33	24°39	1♌22	16° 3	4°28	9°23	26°44	10°55	12°51	21° 2	18°23	17°28	21° 7	n.a.	T 28
F 29	20 20 21	3°19'57	9♈29	3° 1	17° 7	4°20	9°36	26°48	10°58	12°54	21° 3	18°21	17°24	21°14	n.a.	F 29
S 30	20 24 18	4°20'23	24°16	4°40	18°11	4°14	9°49	26°52	11° 2	12°56	21° 3	18°19	17°21	21°21	n.a.	S 30
S 31	20 28 15	5♌20'51	8♉51	6♌18	19♊16	4♏ 8	10♌ 3	26♉57	11♍ 5	12♋58	21♎ 4	18♏18	17♏18	21♍27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	24n 0	8s40	3n29	24n11	0n41	14n16	4s12	29s46	6s13	21n18	1n26	18n59	0s24	8n49	0n44	24n55	1n21	6s39	1n53	22s48	22s44	0n47		n.a.
S 2	23 57	2 28	4 21	24 29	0 52	14 35	4 6	29 47	6 13	21 14	1 25	19 0	0 24	8 48	0 44	24 54	1 21	6 39	1 53	22 48	22 45	0 44		n.a.
S 3	23 54	3n49	4 57	24 46	1 3	14 53	4 1	29 48	6 12	21 11	1 25	19 2	0 24	8 47	0 44	24 54	1 21	6 39	1 52	22 48	22 45	0 40		n.a.
M 4	23 50	9 51	5 15	25 1	1 12	15 11	3 56	29 49	6 11	21 8	1 25	19 4	0 24	8 46	0 44	24 54	1 21	6 39	1 52	22 48	22 46	0 37		n.a.
T 5	23 46	15 20	5 14	25 15	1 21	15 30	3 50	29 50	6 9	21 5	1 25	19 5	0 24	8 45	0 44	24 54	1 21	6 39	1 52	22 48	22 46	0 34		n.a.
W 6	23 42	19 57	4 54	25 27	1 28	15 48	3 44	29 50	6 8	21 2	1 25	19 7	0 24	8 44	0 44	24 54	1 21	6 40	1 52	22 48	22 47	0 31		n.a.
T 7	23 37	23 26	4 18	25 37	1 35	16 7	3 39	29 50	6 7	20 58	1 25	19 8	0 24	8 43	0 44	24 53	1 21	6 40	1 52	22 49	22 47	0 28		n.a.
F 8	23 31	25 35	3 28	25 45	1 40	16 25	3 33	29 50	6 5	20 55	1 25	19 10	0 24	8 42	0 44	24 53	1 21	6 40	1 52	22 49	22 48	0 25		n.a.
S 9	23 25	26 14	2 28	25 51	1 45	16 43	3 28	29 50	6 3	20 52	1 25	19 11	0 24	8 41	0 44	24 53	1 21	6 40	1 52	22 49	22 48	0 22		n.a.
S 10	23 19	25 25	1 21	25 55	1 48	17 1	3 22	29 49	6 1	20 49	1 25	19 13	0 24	8 40	0 44	24 53	1 21	6 40	1 51	22 49	22 48	0 19		n.a.
M11	23 12	23 16	0 11	25 57	1 51	17 19	3 16	29 48	5 59	20 45	1 25	19 14	0 24	8 39	0 44	24 53	1 21	6 40	1 51	22 49	22 49	0 16		n.a.
T 12	23 5	20 1	0s58	25 56	1 53	17 37	3 10	29 47	5 57	20 42	1 25	19 16	0 24	8 38	0 44	24 52	1 21	6 41	1 51	22 49	22 49	0 13		n.a.
W13	22 57	15 56	2 3	25 53	1 54	17 55	3 5	29 46	5 54	20 38	1 25	19 17	0 24	8 37	0 44	24 52	1 21	6 41	1 51	22 49	22 50	0 10		n.a.
T 14	22 49	11 16	3 2	25 49	1 55	18 12	2 59	29 45	5 52	20 35	1 24	19 19	0 24	8 36	0 44	24 52	1 21	6 41	1 51	22 49	22 50	0 7		n.a.
F 15	22 41	6 15	3 52	25 42	1 55	18 29	2 53	29 43	5 49	20 32	1 24	19 20	0 23	8 35	0 44	24 52	1 21	6 41	1 51	22 49	22 51	0 4		n.a.
S 16	22 32	1 3	4 31	25 33	1 54	18 46	2 47	29 41	5 46	20 28	1 24	19 21	0 23	8 34	0 44	24 52	1 21	6 42	1 50	22 49	22 51	0 0		n.a.
S 17	22 22	4s 9	4 59	25 22	1 53	19 3	2 41	29 39	5 43	20 25	1 24	19 23	0 23	8 33	0 44	24 51	1 21	6 42	1 50	22 49	22 52	0s 3		n.a.
M18	22 13	9 14	5 14	25 10	1 52	19 20	2 36	29 37	5 40	20 21	1 24	19 24	0 23	8 32	0 44	24 51	1 21	6 42	1 50	22 49	22 52	0 6		n.a.
T 19	22 2	14 0	5 16	24 55	1 49	19 36	2 30	29 34	5 37	20 18	1 24	19 25	0 23	8 31	0 44	24 51	1 21	6 42	1 50	22 49	22 52	0 9		n.a.
W20	21 52	18 19	5 4	24 39	1 47	19 51	2 24	29 32	5 34	20 14	1 24	19 27	0 23	8 30	0 44	24 51	1 21	6 43	1 50	22 49	22 53	0 12		n.a.
T 21	21 40	21 57	4 37	24 21	1 44	20 7	2 18	29 29	5 30	20 11	1 24	19 28	0 23	8 29	0 44	24 51	1 21	6 43	1 50	22 49	22 53	0 15		n.a.
F 22	21 29	24 37	3 56	24 2	1 41	20 22	2 12	29 26	5 27	20 7	1 24	19 29	0 23	8 27	0 44	24 50	1 21	6 43	1 49	22 49	22 54	0 18		n.a.
S 23	21 17	26 4	3 2	23 41	1 37	20 37	2 7	29 23	5 23	20 3	1 24	19 30	0 23	8 26	0 43	24 50	1 21	6 44	1 49	22 49	22 54	0 21		n.a.
S 24	21 5	26 1	1 56	23 19	1 33	20 51	2 1	29 20	5 20	20 0	1 24	19 32	0 23	8 25	0 43	24 50	1 21	6 44	1 49	22 48	22 55	0 24		n.a.
M25	20 52	24 20	0 41	22 56	1 29	21 5	1 55	29 17	5 16	19 56	1 24	19 33	0 23	8 24	0 43	24 50	1 21	6 44	1 49	22 48	22 55	0 27		n.a.
T 26	20 39	21 4	0n38	22 31	1 24	21 18	1 50	29 14	5 12	19 53	1 24	19 34	0 23	8 23	0 43	24 50	1 21	6 45	1 49	22 48	22 55	0 30		n.a.
W27	20 25	16 25	1 56	22 5	1 20	21 31	1 44	29 10	5 9	19 49	1 24	19 35	0 23	8 22	0 43	24 49	1 21	6 45	1 49	22 48	22 56	0 33		n.a.
T 28	20 12	10 44	3 7	21 38	1 15	21 44	1 38	29 7	5 5	19 45	1 24	19 36	0 23	8 20	0 43	24 49	1 21	6 46	1 49	22 49	22 56	0 36		n.a.
F 29	19 57	4 27	4 6	21 10	1 10	21 56	1 33	29 3	5 1	19 42	1 24	19 37	0 23	8 19	0 43	24 49	1 21	6 46	1 48	22 49	22 57	0 39		n.a.
S 30	19 43	2n 3	4 48	20 40	1 4	22 8	1 27	29 0	4 57	19 38	1 24	19 39	0 23	8 18	0 43	24 49	1 21	6 46	1 48	22 49	22 57	0 42		n.a.
S 31	19n28	8n21	5n11	20n10	0n59	22n19	1s22	28s56	4s53	19n34	1n24	19n40	0s23	8n17	0n43	24n49	1n21	6s47	1n48	22s49	22s58	0s46		n.a.

Julian Day Number = 205117.5, Delta T = 32h02m57s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'30, Lahiri = -60°59'29 Julian Calendar 1 Aug. 4152 BCE == Greg. Calendar 29 June 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

SEPTEMBER 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 32 11	6♌21'21	23♈10	7♌56	20♊20	4°R 3	10♌16	27♉ 1	11♍ 8	13♋ 0	21♎ 5	18°R16	17♏15	21♍34	n.a.	M 1
T 2	20 36 8	7°21'54	7♉11	9°33	21°25	3♏58	10°29	27° 5	11°11	13° 2	21° 6	18°D16	17°12	21°41	n.a.	T 2
W 3	20 40 4	8°22'29	20°53	11°10	22°31	3°55	10°43	27° 9	11°14	13° 4	21° 7	18♏16	17° 9	21°48	n.a.	W 3
T 4	20 44 1	9°23'06	4♊16	12°46	23°36	3°52	10°56	27°13	11°18	13° 6	21° 7	18°17	17° 5	21°54	n.a.	T 4
F 5	20 47 57	10°23'45	17°22	14°22	24°42	3°50	11°10	27°17	11°21	13° 8	21° 8	18°19	17° 2	22° 1	n.a.	F 5
S 6	20 51 54	11°24'27	0♋13	15°58	25°48	3°49	11°23	27°20	11°24	13°10	21° 9	18°21	16°59	22° 8	n.a.	S 6
S 7	20 55 50	12°25'10	12°51	17°33	26°55	3°D49	11°36	27°24	11°28	13°12	21°10	18°R21	16°56	22°14	n.a.	S 7
M 8	20 59 47	13°25'55	25°17	19° 8	28° 1	3°49	11°50	27°27	11°31	13°14	21°11	18°21	16°53	22°21	n.a.	M 8
T 9	21 3 43	14°26'42	7♌33	20°43	29° 8	3°50	12° 3	27°31	11°34	13°16	21°12	18°20	16°49	22°28	n.a.	T 9
W10	21 7 40	15°27'30	19°41	22°17	0♋15	3°53	12°16	27°34	11°38	13°18	21°13	18°17	16°46	22°35	n.a.	W10
T 11	21 11 36	16°28'20	1♍42	23°51	1°23	3°55	12°30	27°37	11°41	13°20	21°14	18°13	16°43	22°41	n.a.	T 11
F 12	21 15 33	17°29'12	13°37	25°25	2°30	3°59	12°43	27°41	11°45	13°22	21°15	18° 8	16°40	22°48	n.a.	F 12
S 13	21 19 30	18°30'05	25°29	26°58	3°38	4° 3	12°57	27°44	11°48	13°24	21°17	18° 2	16°37	22°55	n.a.	S 13
S 14	21 23 26	19°30'59	7♎19	28°31	4°46	4° 9	13°10	27°47	11°52	13°26	21°18	17°56	16°34	23° 1	n.a.	S 14
M15	21 27 23	20°31'55	19°11	0♍ 4	5°55	4°14	13°23	27°49	11°55	13°28	21°19	17°51	16°30	23° 8	n.a.	M15
T 16	21 31 19	21°32'52	1♏ 8	1°36	7° 3	4°21	13°37	27°52	11°59	13°30	21°20	17°48	16°27	23°15	n.a.	T 16
W17	21 35 16	22°33'50	13°15	3° 8	8°12	4°28	13°50	27°55	12° 2	13°32	21°21	17°46	16°24	23°22	n.a.	W17
T 18	21 39 12	23°34'50	25°35	4°40	9°21	4°36	14° 3	27°57	12° 6	13°33	21°23	17°D45	16°21	23°28	n.a.	T 18
F 19	21 43 9	24°35'50	8♐14	6°12	10°30	4°45	14°17	28° 0	12° 9	13°35	21°24	17°46	16°18	23°35	n.a.	F 19
S 20	21 47 5	25°36'52	21°16	7°44	11°39	4°55	14°30	28° 2	12°13	13°37	21°25	17°48	16°15	23°42	n.a.	S 20
S 21	21 51 2	26°37'55	4♑44	9°15	12°48	5° 5	14°43	28° 4	12°16	13°39	21°27	17°49	16°11	23°48	n.a.	S 21
M22	21 54 59	27°38'58	18°40	10°46	13°58	5°15	14°56	28° 6	12°20	13°41	21°28	17°R50	16° 8	23°55	n.a.	M22
T 23	21 58 55	28°40'03	3♒ 4	12°16	15° 8	5°27	15°10	28° 8	12°24	13°42	21°29	17°49	16° 5	24° 2	n.a.	T 23
W24	22 2 52	29°41'09	17°53	13°47	16°18	5°39	15°23	28°10	12°27	13°44	21°31	17°46	16° 2	24° 9	n.a.	W24
T 25	22 6 48	0♍42'16	2♓59	15°17	17°28	5°51	15°36	28°12	12°31	13°46	21°32	17°41	15°59	24°15	n.a.	T 25
F 26	22 10 45	1°43'24	18°13	16°46	18°38	6° 4	15°49	28°14	12°34	13°47	21°34	17°34	15°55	24°22	n.a.	F 26
S 27	22 14 41	2°44'33	3♈24	18°16	19°48	6°18	16° 2	28°15	12°38	13°49	21°35	17°27	15°52	24°29	n.a.	S 27
S 28	22 18 38	3°45'43	18°23	19°44	20°59	6°32	16°15	28°17	12°42	13°51	21°37	17°20	15°49	24°35	n.a.	S 28
M29	22 22 34	4°46'55	3♉ 1	21°13	22°10	6°47	16°29	28°18	12°45	13°52	21°38	17°15	15°46	24°42	n.a.	M29
T 30	22 26 31	5♍48'08	17♉14	22♍40	23♋21	7♏ 2	16♌42	28♉20	12♍49	13♋54	21♎40	17♏11	15♏43	24♍49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n12	14n 6	5n14	19n39	0n53	22n29	1s16	28s52	4s49	19n30	1n24	19n41	0s23	8n15	0n43	24n48	1n21	6s47	1n48	22s50	22s58	0s49		n.a.
T 2	18 57	18 59	4 59	19 7	0 47	22 39	1 11	28 49	4 46	19 27	1 24	19 42	0 22	8 14	0 43	24 48	1 21	6 48	1 48	22 50	22 58	0 52		n.a.
W 3	18 41	22 45	4 26	18 34	0 41	22 48	1 5	28 45	4 42	19 23	1 24	19 43	0 22	8 13	0 43	24 48	1 21	6 48	1 48	22 50	22 59	0 55		n.a.
T 4	18 24	25 11	3 40	18 1	0 35	22 57	1 0	28 41	4 38	19 19	1 24	19 44	0 22	8 11	0 43	24 48	1 21	6 49	1 48	22 49	22 59	0 58		n.a.
F 5	18 8	26 11	2 42	17 27	0 29	23 6	0 55	28 37	4 34	19 15	1 24	19 45	0 22	8 10	0 43	24 48	1 21	6 49	1 47	22 49	23 0	1 1		n.a.
S 6	17 51	25 45	1 38	16 52	0 23	23 13	0 50	28 33	4 30	19 11	1 24	19 45	0 22	8 9	0 43	24 48	1 22	6 50	1 47	22 49	23 0	1 4		n.a.
S 7	17 33	23 59	0 30	16 16	0 17	23 20	0 44	28 29	4 26	19 7	1 24	19 46	0 22	8 8	0 43	24 47	1 22	6 50	1 47	22 49	23 0	1 7		n.a.
M 8	17 15	21 4	0s38	15 40	0 10	23 27	0 39	28 25	4 22	19 4	1 24	19 47	0 22	8 6	0 43	24 47	1 22	6 51	1 47	22 49	23 1	1 10		n.a.
T 9	16 57	17 14	1 43	15 3	0 4	23 32	0 34	28 21	4 18	19 0	1 24	19 48	0 22	8 5	0 43	24 47	1 22	6 51	1 47	22 49	23 1	1 13		n.a.
W10	16 39	12 45	2 43	14 26	0s 2	23 38	0 29	28 17	4 14	18 56	1 24	19 49	0 22	8 3	0 43	24 47	1 22	6 52	1 47	22 50	23 2	1 16		n.a.
T 11	16 20	7 50	3 35	13 49	0 9	23 42	0 24	28 13	4 10	18 52	1 24	19 50	0 22	8 2	0 43	24 47	1 22	6 52	1 47	22 50	23 2	1 19		n.a.
F 12	16 1	2 40	4 17	13 10	0 15	23 46	0 19	28 9	4 6	18 48	1 24	19 51	0 22	8 1	0 43	24 47	1 22	6 53	1 46	22 51	23 2	1 22		n.a.
S 13	15 42	2s32	4 48	12 32	0 22	23 49	0 15	28 5	4 2	18 44	1 24	19 51	0 22	7 59	0 43	24 46	1 22	6 53	1 46	22 52	23 3	1 25		n.a.
S 14	15 23	7 39	5 6	11 53	0 28	23 52	0 10	28 1	3 59	18 40	1 24	19 52	0 22	7 58	0 43	24 46	1 22	6 54	1 46	22 52	23 3	1 28		n.a.
M15	15 3	12 29	5 12	11 14	0 35	23 54	0 5	27 57	3 55	18 36	1 24	19 53	0 22	7 57	0 43	24 46	1 22	6 55	1 46	22 53	23 4	1 31		n.a.
T 16	14 43	16 55	5 3	10 34	0 41	23 55	0 1	27 53	3 51	18 32	1 24	19 53	0 22	7 55	0 43	24 46	1 22	6 55	1 46	22 54	23 4	1 34		n.a.
W17	14 23	20 43	4 42	9 54	0 47	23 55	0n 4	27 49	3 47	18 29	1 24	19 54	0 22	7 54	0 43	24 46	1 22	6 56	1 46	22 54	23 4	1 37		n.a.
T 18	14 2	23 41	4 6	9 14	0 54	23 55	0 8	27 45	3 43	18 25	1 24	19 55	0 22	7 52	0 43	24 46	1 22	6 56	1 46	22 54	23 5	1 40		n.a.
F 19	13 41	25 34	3 19	8 34	1 0	23 54	0 13	27 41	3 40	18 21	1 24	19 55	0 21	7 51	0 43	24 45	1 22	6 57	1 45	22 54	23 5	1 43		n.a.
S 20	13 20	26 8	2 19	7 54	1 6	23 52	0 17	27 37	3 36	18 17	1 24	19 56	0 21	7 50	0 43	24 45	1 22	6 58	1 45	22 54	23 6	1 46		n.a.
S 21	12 59	25 12	1 11	7 13	1 12	23 50	0 21	27 33	3 32	18 13	1 24	19 56	0 21	7 48	0 43	24 45	1 22	6 58	1 45	22 53	23 6	1 49		n.a.
M22	12 38	22 42	0n 5	6 33	1 18	23 47	0 25	27 29	3 29	18 9	1 24	19 57	0 21	7 47	0 43	24 45	1 22	6 59	1 45	22 53	23 6	1 52		n.a.
T 23	12 16	18 42	1 22	5 52	1 24	23 43	0 30	27 25	3 25	18 5	1 24	19 58	0 21	7 45	0 43	24 45	1 22	7 0	1 45	22 53	23 7	1 55		n.a.
W24	11 54	13 27	2 36	5 11	1 29	23 39	0 33	27 21	3 22	18 1	1 24	19 58	0 21	7 44	0 43	24 45	1 22	7 0	1 45	22 54	23 7	1 58		n.a.
T 25	11 32	7 18	3 40	4 31	1 35	23 33	0 37	27 17	3 18	17 57	1 24	19 59	0 21	7 42	0 43	24 45	1 22	7 1	1 45	22 55	23 8	2 1		n.a.
F 26	11 10	0 41	4 29	3 50	1 40	23 27	0 41	27 13	3 15	17 53	1 24	19 59	0 21	7 41	0 43	24 44	1 22	7 2	1 44	22 55	23 8	2 5		n.a.
S 27	10 47	5n56	4 59	3 10	1 45	23 21	0 45	27 9	3 12	17 49	1 24	19 59	0 21	7 40	0 43	24 44	1 22	7 2	1 44	22 56	23 8	2 8		n.a.
S 28	10 24	12 7	5 8	2 30	1 50	23 13	0 49	27 5	3 8	17 45	1 24	20 0	0 21	7 38	0 43	24 44	1 22	7 3	1 44	22 57	23 9	2 11		n.a.
M29	10 1	17 29	4 56	1 50	1 55	23 5	0 52	27 1	3 5	17 41	1 24	20 0	0 21	7 37	0 43	24 44	1 22	7 4	1 44	22 58	23 9	2 14		n.a.
T 30	9n38	21n42	4n27	1n10	1s59	22n57	0n55	26s57	3s 2	17n37	1n24	20n 1	0s21	7n35	0n43	24n44	1n22	7s 4	1n44	22s58	23s10	2s17		n.a.

Julian Day Number = 205148.5, Delta T = 32h02m54s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'26, Lahiri = -60°59'25 Julian Calendar 1 Sept. 4152 BCE == Greg. Calendar 30 July 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

OCTOBER 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 30 28	6♍49'22	1♊ 0	24♍ 7	24♋32	7♑18	16♌55	28♉21	12♍53	13♋55	21♎41	17°D 9	15♑40	24♍56	n.a.	W 1
T 2	22 34 24	7°50'37	14°20	25°34	25°43	7°35	17° 8	28°22	12°56	13°57	21°43	17♑ 9	15°36	25° 2	n.a.	T 2
F 3	22 38 21	8°51'54	27°17	26°59	26°54	7°52	17°21	28°23	13° 0	13°58	21°44	17°10	15°33	25° 9	n.a.	F 3
S 4	22 42 17	9°53'12	9♋56	28°23	28° 5	8° 9	17°33	28°24	13° 4	14° 0	21°46	17°11	15°30	25°16	n.a.	S 4
S 5	22 46 14	10°54'31	22°19	29°46	29°17	8°27	17°46	28°24	13° 8	14° 1	21°48	17°R11	15°27	25°22	n.a.	S 5
M 6	22 50 10	11°55'50	4♌31	1♎ 8	0♌29	8°45	17°59	28°25	13°11	14° 3	21°49	17° 9	15°24	25°29	n.a.	M 6
T 7	22 54 7	12°57'11	16°34	2°27	1°40	9° 4	18°12	28°25	13°15	14° 4	21°51	17° 5	15°20	25°36	n.a.	T 7
W 8	22 58 3	13°58'32	28°32	3°45	2°52	9°23	18°25	28°26	13°19	14° 5	21°53	16°58	15°17	25°43	n.a.	W 8
T 9	23 2 0	14°59'54	10♍26	5° 1	4° 4	9°43	18°37	28°26	13°22	14° 7	21°54	16°49	15°14	25°49	n.a.	T 9
F 10	23 5 57	16° 1'17	22°19	6°14	5°16	10° 3	18°50	28°26	13°26	14° 8	21°56	16°37	15°11	25°56	n.a.	F 10
S 11	23 9 53	17° 2'39	4♎10	7°24	6°28	10°24	19° 3	28°R26	13°30	14° 9	21°58	16°25	15° 8	26° 3	n.a.	S 11
S 12	23 13 50	18° 4'03	16° 2	8°30	7°41	10°45	19°15	28°26	13°33	14°10	22° 0	16°12	15° 5	26° 9	n.a.	S 12
M13	23 17 46	19° 5'27	27°57	9°32	8°53	11° 6	19°28	28°26	13°37	14°12	22° 2	16° 1	15° 1	26°16	n.a.	M13
T 14	23 21 43	20° 6'51	9♏56	10°30	10° 5	11°28	19°40	28°26	13°41	14°13	22° 3	15°51	14°58	26°23	n.a.	T 14
W15	23 25 39	21° 8'15	22° 3	11°22	11°18	11°50	19°53	28°25	13°44	14°14	22° 5	15°44	14°55	26°30	n.a.	W15
T 16	23 29 36	22° 9'39	4♐21	12° 8	12°30	12°12	20° 5	28°25	13°48	14°15	22° 7	15°40	14°52	26°36	n.a.	T 16
F 17	23 33 33	23°11'04	16°55	12°47	13°43	12°35	20°17	28°24	13°52	14°16	22° 9	15°39	14°49	26°43	n.a.	F 17
S 18	23 37 29	24°12'28	29°48	13°17	14°56	12°59	20°30	28°23	13°55	14°17	22°11	15°D39	14°46	26°50	n.a.	S 18
S 19	23 41 26	25°13'52	13♑ 5	13°39	16° 9	13°22	20°42	28°22	13°59	14°18	22°13	15°R39	14°42	26°56	n.a.	S 19
M20	23 45 22	26°15'17	26°50	13°52	17°22	13°46	20°54	28°22	14° 3	14°19	22°14	15°38	14°39	27° 3	n.a.	M20
T 21	23 49 19	27°16'40	11♒ 4	13°R54	18°34	14°10	21° 6	28°20	14° 6	14°20	22°16	15°36	14°36	27°10	n.a.	T 21
W22	23 53 15	28°18'04	25°45	13°44	19°47	14°35	21°18	28°19	14°10	14°21	22°18	15°31	14°33	27°17	n.a.	W22
T 23	23 57 12	29°19'28	10♓50	13°23	21° 1	15° 0	21°30	28°18	14°14	14°22	22°20	15°23	14°30	27°23	n.a.	T 23
F 24	0 1 9	0♎20'51	26°10	12°51	22°14	15°25	21°42	28°17	14°17	14°23	22°22	15°13	14°26	27°30	n.a.	F 24
S 25	0 5 5	1°22'14	11♈33	12° 6	23°27	15°50	21°54	28°15	14°21	14°24	22°24	15° 2	14°23	27°37	n.a.	S 25
S 26	0 9 2	2°23'37	26°47	11°11	24°40	16°16	22° 6	28°14	14°24	14°24	22°26	14°51	14°20	27°43	n.a.	S 26
M27	0 12 58	3°25'00	11♉42	10° 7	25°54	16°42	22°17	28°12	14°28	14°25	22°28	14°41	14°17	27°50	n.a.	M27
T 28	0 16 55	4°26'24	26°10	8°54	27° 7	17° 8	22°29	28°10	14°31	14°26	22°30	14°34	14°14	27°57	n.a.	T 28
W29	0 20 51	5°27'47	10♊ 8	7°37	28°20	17°35	22°40	28° 8	14°35	14°26	22°32	14°29	14°11	28° 4	n.a.	W29
T 30	0 24 48	6°29'10	23°36	6°16	29°34	18° 2	22°52	28° 6	14°38	14°27	22°34	14°27	14° 7	28°10	n.a.	T 30
F 31	0 28 45	7♎30'34	6♋36	4♎55	0♍47	18♑29	23♌ 3	28♉ 4	14♍42	14♋28	22♎36	14♑27	14♑ 4	28♍17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	9n15	24n34	3n43	0n31	2s 3	22n47	0n59	26s52	2s58	17n33	1n25	20n 1	0s21	7n34	0n43	24n44	1n23	7s 5	1n44	22s59	23s10	2s20			n.a.
T 2	8 52	25 56	2 47	0s 7	2 7	22 37	1 2	26 48	2 55	17 29	1 25	20 1	0 21	7 32	0 43	24 44	1 23	7 6	1 44	22 59	23 10	2 23			n.a.
F 3	8 28	25 50	1 45	0 45	2 10	22 26	1 5	26 44	2 52	17 25	1 25	20 1	0 21	7 31	0 43	24 44	1 23	7 7	1 43	22 59	23 11	2 26			n.a.
S 4	8 5	24 23	0 39	1 22	2 13	22 14	1 8	26 40	2 49	17 21	1 25	20 2	0 21	7 29	0 43	24 44	1 23	7 7	1 43	22 58	23 11	2 29			n.a.
S 5	7 41	21 45	0s27	1 58	2 16	22 2	1 11	26 36	2 46	17 17	1 25	20 2	0 21	7 28	0 43	24 43	1 23	7 8	1 43	22 58	23 11	2 32			n.a.
M 6	7 17	18 12	1 32	2 34	2 18	21 49	1 14	26 31	2 43	17 13	1 25	20 2	0 20	7 26	0 43	24 43	1 23	7 9	1 43	22 59	23 12	2 35			n.a.
T 7	6 53	13 55	2 31	3 8	2 20	21 36	1 17	26 27	2 40	17 9	1 25	20 2	0 20	7 25	0 43	24 43	1 23	7 10	1 43	22 59	23 12	2 38			n.a.
W 8	6 28	9 10	3 22	3 40	2 21	21 22	1 20	26 23	2 37	17 5	1 25	20 2	0 20	7 23	0 43	24 43	1 23	7 10	1 43	23 0	23 13	2 41			n.a.
T 9	6 4	4 6	4 5	4 12	2 21	21 7	1 22	26 18	2 34	17 1	1 25	20 3	0 20	7 22	0 43	24 43	1 23	7 11	1 43	23 1	23 13	2 44			n.a.
F 10	5 40	1s 5	4 36	4 41	2 21	20 51	1 25	26 14	2 31	16 57	1 25	20 3	0 20	7 21	0 43	24 43	1 23	7 12	1 43	23 3	23 13	2 47			n.a.
S 11	5 15	6 12	4 56	5 8	2 20	20 35	1 27	26 9	2 28	16 53	1 25	20 3	0 20	7 19	0 43	24 43	1 23	7 13	1 42	23 4	23 14	2 50			n.a.
S 12	4 51	11 7	5 3	5 34	2 18	20 18	1 29	26 5	2 25	16 49	1 25	20 3	0 20	7 18	0 43	24 43	1 23	7 14	1 42	23 6	23 14	2 53			n.a.
M13	4 26	15 37	4 56	5 56	2 15	20 1	1 32	26 0	2 23	16 45	1 26	20 3	0 20	7 16	0 43	24 43	1 23	7 14	1 42	23 7	23 14	2 56			n.a.
T 14	4 1	19 34	4 37	6 16	2 11	19 43	1 34	25 56	2 20	16 41	1 26	20 3	0 20	7 15	0 43	24 43	1 23	7 15	1 42	23 9	23 15	2 59			n.a.
W15	3 36	22 43	4 5	6 32	2 6	19 24	1 36	25 51	2 17	16 37	1 26	20 3	0 20	7 13	0 43	24 43	1 23	7 16	1 42	23 9	23 15	3 2			n.a.
T 16	3 12	24 54	3 21	6 45	2 0	19 5	1 38	25 46	2 15	16 33	1 26	20 3	0 20	7 12	0 43	24 42	1 23	7 17	1 42	23 10	23 16	3 5			n.a.
F 17	2 47	25 53	2 26	6 54	1 52	18 45	1 39	25 41	2 12	16 29	1 26	20 3	0 20	7 10	0 43	24 42	1 23	7 18	1 42	23 10	23 16	3 8			n.a.
S 18	2 22	25 30	1 23	6 58	1 44	18 25	1 41	25 36	2 9	16 25	1 26	20 2	0 20	7 9	0 43	24 42	1 23	7 18	1 42	23 10	23 16	3 11			n.a.
S 19	1 57	23 41	0 14	6 58	1 33	18 4	1 43	25 31	2 7	16 21	1 26	20 2	0 20	7 7	0 43	24 42	1 23	7 19	1 41	23 10	23 17	3 14			n.a.
M20	1 32	20 25	0n59	6 52	1 21	17 43	1 44	25 26	2 4	16 17	1 26	20 2	0 20	7 6	0 43	24 42	1 24	7 20	1 41	23 10	23 17	3 16			n.a.
T 21	1 7	15 51	2 10	6 40	1 8	17 21	1 46	25 21	2 2	16 13	1 26	20 2	0 20	7 5	0 43	24 42	1 24	7 21	1 41	23 10	23 17	3 19			n.a.
W22	0 42	10 14	3 15	6 23	0 53	16 59	1 47	25 16	1 59	16 10	1 27	20 2	0 19	7 3	0 43	24 42	1 24	7 22	1 41	23 11	23 18	3 22			n.a.
T 23	0 17	3 53	4 8	6 0	0 37	16 36	1 48	25 11	1 57	16 6	1 27	20 2	0 19	7 2	0 43	24 42	1 24	7 23	1 41	23 12	23 18	3 25			n.a.
F 24	0s 9	2n46	4 44	5 30	0 19	16 13	1 49	25 6	1 55	16 2	1 27	20 1	0 19	7 0	0 43	24 42	1 24	7 23	1 41	23 13	23 18	3 28			n.a.
S 25	0 34	9 16	5 0	4 55	0 0	15 49	1 50	25 0	1 52	15 58	1 27	20 1	0 19	6 59	0 43	24 42	1 24	7 24	1 41	23 14	23 19	3 31			n.a.
S 26	0 59	15 9	4 54	4 15	0n19	15 24	1 51	24 55	1 50	15 54	1 27	20 1	0 19	6 58	0 43	24 42	1 24	7 25	1 41	23 16	23 19	3 34			n.a.
M27	1 24	20 0	4 28	3 31	0 40	15 0	1 52	24 49	1 48	15 51	1 27	20 0	0 19	6 56	0 43	24 42	1 24	7 26	1 41	23 17	23 19	3 37			n.a.
T 28	1 49	23 29	3 46	2 43	1 0	14 35	1 53	24 43	1 46	15 47	1 27	20 0	0 19	6 55	0 43	24 42	1 24	7 27	1 40	23 18	23 20	3 40			n.a.
W29	2 14	25 25	2 51	1 53	1 20	14 9	1 53	24 38	1 43	15 43	1 28	20 0	0 19	6 53	0 43	24 42	1 24	7 28	1 40	23 18	23 20	3 43			n.a.
T 30	2 39	25 45	1 48	1 3	1 39	13 43	1 54	24 32	1 41	15 39	1 28	19 59	0 19	6 52	0 43	24 42	1 24	7 29	1 40	23 18	23 20	3 46			n.a.
F 31	3s 4	24n38	0n41	0s14	1n57	13n17	1n54	24s26	1s39	15n36	1n28	19n59	0s19	6n51	0n43	24n42	1n24	7s29	1n40	23s18	23s21	3s49			n.a.

Julian Day Number = 205178.5, Delta T = 32h02m51s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'22, Lahiri = -60°59'21 Julian Calendar 1 Oct. 4152 BCE == Greg. Calendar 29 Aug. 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

NOVEMBER 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 32 41	8♎31'57	19♋13	3°R36	2♍ 1	18♑56	23♌15	28°R 2	14♍45	14♋28	22♎38	14°R27	14♑ 1	28♍24	n.a.	S 1
S 2	0 36 38	9°33'20	1♌32	2♎22	3°15	19°24	23°26	28♉ 0	14°49	14°29	22°40	14♑26	13°58	28°31	n.a.	S 2
M 3	0 40 34	10°34'43	13°38	1°15	4°28	19°51	23°37	27°57	14°52	14°29	22°42	14°23	13°55	28°37	n.a.	M 3
T 4	0 44 31	11°36'05	25°35	0°16	5°42	20°19	23°48	27°55	14°56	14°30	22°44	14°17	13°51	28°44	n.a.	T 4
W 5	0 48 27	12°37'27	7♍27	29♍27	6°56	20°47	23°59	27°52	14°59	14°30	22°46	14° 9	13°48	28°51	n.a.	W 5
T 6	0 52 24	13°38'49	19°18	28°47	8° 9	21°16	24°10	27°49	15° 3	14°31	22°48	13°57	13°45	28°57	n.a.	T 6
F 7	0 56 21	14°40'10	1♎ 9	28°17	9°23	21°44	24°21	27°47	15° 6	14°31	22°50	13°43	13°42	29° 4	n.a.	F 7
S 8	1 0 17	15°41'31	13° 2	27°57	10°37	22°13	24°31	27°44	15° 9	14°32	22°52	13°28	13°39	29°11	n.a.	S 8
S 9	1 4 14	16°42'51	24°59	27°47	11°51	22°42	24°42	27°41	15°12	14°32	22°54	13°12	13°36	29°18	n.a.	S 9
M10	1 8 10	17°44'10	7♏ 1	27°D46	13° 5	23°12	24°52	27°38	15°16	14°32	22°56	12°58	13°32	29°24	n.a.	M10
T 11	1 12 7	18°45'28	19° 8	27°53	14°19	23°41	25° 3	27°34	15°19	14°32	22°58	12°46	13°29	29°31	n.a.	T 11
W12	1 16 4	19°46'45	1♐23	28° 8	15°33	24°11	25°13	27°31	15°22	14°33	23° 0	12°37	13°26	29°38	n.a.	W12
T 13	1 20 0	20°48'02	13°47	28°30	16°47	24°40	25°23	27°28	15°25	14°33	23° 3	12°32	13°23	29°44	n.a.	T 13
F 14	1 23 57	21°49'17	26°24	28°58	18° 1	25°10	25°34	27°25	15°29	14°33	23° 5	12°29	13°20	29°51	n.a.	F 14
S 15	1 27 53	22°50'31	9♑16	29°32	19°15	25°41	25°44	27°21	15°32	14°33	23° 7	12°D28	13°17	29°58	n.a.	S 15
S 16	1 31 50	23°51'44	22°27	0♎12	20°29	26°11	25°53	27°18	15°35	14°33	23° 9	12°R28	13°13	0♎ 5	n.a.	S 16
M17	1 35 46	24°52'55	6♒ 2	0°56	21°43	26°41	26° 3	27°14	15°38	14°33	23°11	12°28	13°10	0°11	n.a.	M17
T 18	1 39 43	25°54'05	20° 1	1°45	22°57	27°12	26°13	27°10	15°41	14°R33	23°13	12°26	13° 7	0°18	n.a.	T 18
W19	1 43 40	26°55'14	4♓25	2°38	24°11	27°43	26°23	27° 6	15°44	14°33	23°15	12°21	13° 4	0°25	n.a.	W19
T 20	1 47 36	27°56'21	19°13	3°34	25°25	28°14	26°32	27° 3	15°47	14°33	23°17	12°14	13° 1	0°32	n.a.	T 20
F 21	1 51 33	28°57'27	4♈17	4°33	26°39	28°45	26°41	26°59	15°50	14°33	23°19	12° 4	12°57	0°38	n.a.	F 21
S 22	1 55 29	29°58'31	19°30	5°35	27°53	29°16	26°51	26°55	15°53	14°33	23°21	11°53	12°54	0°45	n.a.	S 22
S 23	1 59 26	0♏59'34	4♉40	6°40	29° 7	29°47	27° 0	26°51	15°56	14°33	23°23	11°43	12°51	0°52	n.a.	S 23
M24	2 3 22	2° 0'36	19°37	7°47	0♎21	0♒19	27° 9	26°47	15°59	14°32	23°25	11°33	12°48	0°58	n.a.	M24
T 25	2 7 19	3° 1'37	4♊11	8°56	1°35	0°51	27°18	26°42	16° 1	14°32	23°27	11°25	12°45	1° 5	n.a.	T 25
W26	2 11 16	4° 2'36	18°18	10° 7	2°49	1°22	27°27	26°38	16° 4	14°32	23°29	11°21	12°42	1°12	n.a.	W26
T 27	2 15 12	5° 3'35	1♋55	11°20	4° 3	1°54	27°35	26°34	16° 7	14°32	23°31	11°18	12°38	1°19	n.a.	T 27
F 28	2 19 9	6° 4'32	15° 4	12°34	5°17	2°26	27°44	26°30	16°10	14°31	23°33	11°D18	12°35	1°25	n.a.	F 28
S 29	2 23 5	7° 5'28	27°47	13°51	6°31	2°58	27°52	26°25	16°12	14°31	23°35	11°19	12°32	1°32	n.a.	S 29
S 30	2 27 2	8♏ 6'23	10♌10	15♎ 8	7♎45	3♒30	28♌ 0	26♉21	16♍15	14♋31	23♎37	11°R19	12♑29	1♎39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s28	22n17	0 s25	0n33	2n13	12n50	1n55	24 s20	1 s37	15n32	1n28	19n59	0 s19	6n49	0n43	24n42	1n24	7 s30	1n40	23 s18	23 s21	3 s52		n.a.
S 2	3 53	18 56	1 29	1 16	2 27	12 23	1 55	24 14	1 35	15 28	1 28	19 58	0 19	6 48	0 43	24 42	1 24	7 31	1 40	23 18	23 22	3 55		n.a.
M 3	4 18	14 51	2 28	1 54	2 39	11 55	1 55	24 8	1 33	15 25	1 28	19 58	0 19	6 46	0 43	24 42	1 24	7 32	1 40	23 19	23 22	3 58		n.a.
T 4	4 43	10 14	3 19	2 27	2 48	11 28	1 55	24 1	1 31	15 21	1 28	19 57	0 18	6 45	0 43	24 42	1 24	7 33	1 40	23 19	23 22	4 1		n.a.
W 5	5 7	5 18	4 1	2 54	2 56	10 59	1 55	23 55	1 29	15 17	1 29	19 57	0 18	6 44	0 43	24 42	1 24	7 34	1 40	23 20	23 23	4 4		n.a.
T 6	5 32	0 12	4 32	3 16	3 2	10 31	1 55	23 48	1 27	15 14	1 29	19 56	0 18	6 42	0 43	24 42	1 25	7 35	1 39	23 22	23 23	4 7		n.a.
F 7	5 56	4 s54	4 52	3 31	3 5	10 2	1 55	23 42	1 25	15 10	1 29	19 55	0 18	6 41	0 43	24 42	1 25	7 35	1 39	23 23	23 23	4 10		n.a.
S 8	6 21	9 51	4 59	3 41	3 7	9 33	1 55	23 35	1 23	15 7	1 29	19 55	0 18	6 40	0 43	24 42	1 25	7 36	1 39	23 25	23 24	4 13		n.a.
S 9	6 45	14 27	4 53	3 46	3 8	9 4	1 54	23 28	1 21	15 3	1 29	19 54	0 18	6 39	0 43	24 42	1 25	7 37	1 39	23 26	23 24	4 16		n.a.
M10	7 9	18 31	4 34	3 45	3 7	8 34	1 54	23 21	1 19	15 0	1 29	19 54	0 18	6 37	0 43	24 42	1 25	7 38	1 39	23 28	23 24	4 19		n.a.
T 11	7 33	21 52	4 2	3 40	3 4	8 5	1 54	23 14	1 17	14 56	1 30	19 53	0 18	6 36	0 43	24 42	1 25	7 39	1 39	23 29	23 25	4 22		n.a.
W12	7 57	24 15	3 19	3 31	3 1	7 35	1 53	23 7	1 15	14 53	1 30	19 52	0 18	6 35	0 43	24 42	1 25	7 40	1 39	23 30	23 25	4 25		n.a.
T 13	8 20	25 30	2 25	3 18	2 57	7 5	1 52	23 0	1 14	14 49	1 30	19 52	0 18	6 33	0 43	24 42	1 25	7 41	1 39	23 30	23 25	4 27		n.a.
F 14	8 44	25 28	1 24	3 2	2 52	6 34	1 51	22 53	1 12	14 46	1 30	19 51	0 18	6 32	0 43	24 42	1 25	7 42	1 39	23 31	23 26	4 30		n.a.
S 15	9 7	24 4	0 17	2 43	2 46	6 4	1 51	22 45	1 10	14 43	1 30	19 50	0 18	6 31	0 43	24 42	1 25	7 42	1 39	23 31	23 26	4 33		n.a.
S 16	9 31	21 19	0n53	2 22	2 40	5 33	1 50	22 37	1 8	14 40	1 31	19 49	0 18	6 30	0 43	24 42	1 25	7 43	1 39	23 31	23 26	4 36		n.a.
M17	9 54	17 20	2 1	1 57	2 34	5 2	1 49	22 30	1 7	14 36	1 31	19 49	0 17	6 29	0 43	24 42	1 25	7 44	1 38	23 31	23 26	4 39		n.a.
T 18	10 17	12 18	3 5	1 31	2 27	4 31	1 48	22 22	1 5	14 33	1 31	19 48	0 17	6 27	0 43	24 42	1 25	7 45	1 38	23 31	23 27	4 42		n.a.
W19	10 40	6 28	3 58	1 3	2 20	4 0	1 47	22 14	1 3	14 30	1 31	19 47	0 17	6 26	0 43	24 42	1 25	7 46	1 38	23 31	23 27	4 45		n.a.
T 20	11 2	0 9	4 38	0 34	2 12	3 29	1 45	22 6	1 2	14 27	1 31	19 46	0 17	6 25	0 43	24 42	1 25	7 47	1 38	23 32	23 27	4 48		n.a.
F 21	11 24	6n17	4 58	0 2	2 5	2 57	1 44	21 58	1 0	14 24	1 32	19 45	0 17	6 24	0 43	24 43	1 25	7 48	1 38	23 33	23 28	4 51		n.a.
S 22	11 47	12 25	4 59	0 s30	1 57	2 26	1 43	21 50	0 58	14 21	1 32	19 45	0 17	6 23	0 43	24 43	1 25	7 49	1 38	23 34	23 28	4 54		n.a.
S 23	12 9	17 46	4 38	1 4	1 49	1 54	1 41	21 41	0 57	14 18	1 32	19 44	0 17	6 22	0 43	24 43	1 26	7 49	1 38	23 35	23 28	4 57		n.a.
M24	12 30	21 56	3 58	1 38	1 41	1 23	1 40	21 33	0 55	14 15	1 32	19 43	0 17	6 20	0 43	24 43	1 26	7 50	1 38	23 36	23 29	5 0		n.a.
T 25	12 52	24 35	3 3	2 13	1 33	0 51	1 38	21 24	0 54	14 12	1 32	19 42	0 17	6 19	0 43	24 43	1 26	7 51	1 38	23 36	23 29	5 3		n.a.
W26	13 13	25 33	1 59	2 50	1 24	0 19	1 37	21 16	0 52	14 9	1 33	19 41	0 17	6 18	0 43	24 43	1 26	7 52	1 38	23 37	23 29	5 5		n.a.
T 27	13 34	24 56	0 50	3 26	1 16	0 s12	1 35	21 7	0 51	14 6	1 33	19 40	0 17	6 17	0 43	24 43	1 26	7 53	1 38	23 37	23 30	5 8		n.a.
F 28	13 55	22 54	0 s20	4 4	1 8	0 44	1 33	20 58	0 49	14 3	1 33	19 39	0 16	6 16	0 43	24 43	1 26	7 54	1 37	23 37	23 30	5 11		n.a.
S 29	14 16	19 47	1 27	4 42	1 0	1 16	1 32	20 49	0 48	14 0	1 33	19 38	0 16	6 15	0 43	24 43	1 26	7 54	1 37	23 37	23 30	5 14		n.a.
S 30	14 s36	15n50	2 s27	5 s20	0n52	1 s48	1n30	20 s40	0 s46	13n58	1n34	19n37	0 s16	6n14	0n43	24n43	1n26	7 s55	1n37	23 s37	23 s31	5 s17		n.a.

Julian Day Number = 205209.5, Delta T = 32h02m47s
Ecliptic obliquity = 24°06'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'18, Lahiri = -60°59'17 Julian Calendar 1 Nov. 4152 BCE == Greg. Calendar 29 Sept. 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4152 BCE
geocentric

DECEMBER 4152 BCE (-4151) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 30 58	9♏ 7'16	22♌17	16♎27	9♎ 0	4♒ 3	28♌ 9	26°R17	16♍18	14°R30	23♎39	11°R18	12♑26	1♎45	n.a.	M 1
T 2	2 34 55	10° 8'08	4♍14	17°47	10°14	4°35	28°17	26♉12	16°20	14♋30	23°41	11♑15	12°23	1°52	n.a.	T 2
W 3	2 38 52	11° 8'59	16° 5	19° 9	11°28	5° 8	28°24	26° 7	16°23	14°29	23°43	11° 9	12°19	1°59	n.a.	W 3
T 4	2 42 48	12° 9'49	27°55	20°31	12°42	5°40	28°32	26° 3	16°25	14°29	23°45	11° 1	12°16	2° 6	n.a.	T 4
F 5	2 46 45	13°10'36	9♎47	21°55	13°56	6°13	28°40	25°58	16°28	14°28	23°47	10°51	12°13	2°12	n.a.	F 5
S 6	2 50 41	14°11'23	21°44	23°19	15°10	6°46	28°47	25°54	16°30	14°27	23°49	10°40	12°10	2°19	n.a.	S 6
S 7	2 54 38	15°12'08	3♏48	24°45	16°24	7°19	28°55	25°49	16°32	14°27	23°51	10°28	12° 7	2°26	n.a.	S 7
M 8	2 58 34	16°12'51	15°59	26°12	17°38	7°52	29° 2	25°44	16°35	14°26	23°53	10°18	12° 3	2°33	n.a.	M 8
T 9	3 2 31	17°13'33	28°19	27°39	18°52	8°25	29° 9	25°40	16°37	14°25	23°55	10° 9	12° 0	2°39	n.a.	T 9
W10	3 6 28	18°14'12	10♐49	29° 8	20° 6	8°59	29°16	25°35	16°39	14°25	23°57	10° 2	11°57	2°46	n.a.	W10
T 11	3 10 24	19°14'50	23°28	0♏37	21°21	9°32	29°23	25°30	16°41	14°24	23°59	9°59	11°54	2°53	n.a.	T 11
F 12	3 14 21	20°15'26	6♑19	2° 7	22°35	10° 5	29°29	25°25	16°44	14°23	24° 1	9°D57	11°51	2°59	n.a.	F 12
S 13	3 18 17	21°16'00	19°23	3°38	23°49	10°39	29°36	25°21	16°46	14°22	24° 3	9°57	11°48	3° 6	n.a.	S 13
S 14	3 22 14	22°16'31	2♒41	5°11	25° 3	11°13	29°42	25°16	16°48	14°22	24° 5	9°59	11°44	3°13	n.a.	S 14
M15	3 26 10	23°17'01	16°15	6°44	26°17	11°46	29°48	25°11	16°50	14°21	24° 6	10° 0	11°41	3°20	n.a.	M15
T 16	3 30 7	24°17'28	0♓ 8	8°17	27°31	12°20	29°54	25° 6	16°52	14°20	24° 8	10°R 0	11°38	3°26	n.a.	T 16
W17	3 34 4	25°17'53	14°18	9°52	28°45	12°54	29°59	25° 1	16°54	14°19	24°10	9°58	11°35	3°33	n.a.	W17
T 18	3 38 0	26°18'15	28°45	11°28	29°59	13°28	0♍ 6	24°57	16°55	14°18	24°12	9°54	11°32	3°40	n.a.	T 18
F 19	3 41 57	27°18'35	13♈25	13° 5	1♏13	14° 2	0°11	24°52	16°57	14°17	24°14	9°49	11°28	3°46	n.a.	F 19
S 20	3 45 53	28°18'53	28°12	14°42	2°27	14°36	0°16	24°47	16°59	14°16	24°16	9°43	11°25	3°53	n.a.	S 20
S 21	3 49 50	29°19'09	12♉59	16°21	3°41	15°10	0°22	24°42	17° 1	14°15	24°17	9°36	11°22	4° 0	n.a.	S 21
M22	3 53 46	0♗19'23	27°38	18° 0	4°55	15°44	0°27	24°37	17° 2	14°14	24°19	9°31	11°19	4° 7	n.a.	M22
T 23	3 57 43	1°19'35	12♊ 2	19°40	6° 9	16°18	0°32	24°33	17° 4	14°13	24°21	9°26	11°16	4°13	n.a.	T 23
W24	4 1 39	2°19'44	26° 4	21°22	7°23	16°53	0°36	24°28	17° 6	14°12	24°23	9°24	11°13	4°20	n.a.	W24
T 25	4 5 36	3°19'52	9♋41	23° 4	8°37	17°27	0°41	24°23	17° 7	14°11	24°24	9°D23	11° 9	4°27	n.a.	T 25
F 26	4 9 33	4°19'58	22°54	24°48	9°51	18° 1	0°45	24°18	17° 9	14°10	24°26	9°23	11° 6	4°34	n.a.	F 26
S 27	4 13 29	5°20'02	5♌43	26°32	11° 5	18°36	0°49	24°14	17°10	14° 8	24°28	9°25	11° 3	4°40	n.a.	S 27
S 28	4 17 26	6°20'03	18°11	28°18	12°19	19°10	0°53	24° 9	17°11	14° 7	24°29	9°27	11° 0	4°47	n.a.	S 28
M29	4 21 22	7°20'03	0♍23	0♗ 4	13°32	19°45	0°57	24° 5	17°13	14° 6	24°31	9°28	10°57	4°54	n.a.	M29
T 30	4 25 19	8°20'01	12°23	1°52	14°46	20°20	1° 1	24° 0	17°14	14° 5	24°32	9°R28	10°54	5° 0	n.a.	T 30
W31	4 29 15	9♗19'57	24♍17	3♗40	16♏ 0	20♒54	1♍ 4	23♉55	17♍15	14♋ 3	24♎34	9♑27	10♑50	5♎ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s56	11n20	3s20	5s58	0n44	2s19	1n28	20s31	0s45	13n55	1n34	19n36	0s16	6n13	0n43	24n43	1n26	7s56	1n37	23s37	23s31	5s20		n.a.
T 2	15 16	6 28	4 3	6 37	0 36	2 51	1 26	20 21	0 44	13 52	1 34	19 35	0 16	6 12	0 43	24 44	1 26	7 57	1 37	23 37	23 31	5 23		n.a.
W 3	15 36	1 25	4 36	7 16	0 28	3 23	1 24	20 12	0 42	13 50	1 34	19 34	0 16	6 11	0 43	24 44	1 26	7 58	1 37	23 38	23 31	5 26		n.a.
T 4	15 55	3s39	4 56	7 56	0 20	3 54	1 22	20 2	0 41	13 47	1 35	19 33	0 16	6 10	0 43	24 44	1 26	7 59	1 37	23 39	23 32	5 29		n.a.
F 5	16 14	8 37	5 4	8 35	0 12	4 26	1 20	19 53	0 39	13 45	1 35	19 32	0 16	6 9	0 43	24 44	1 26	7 59	1 37	23 39	23 32	5 32		n.a.
S 6	16 33	13 17	4 58	9 14	0 5	4 57	1 18	19 43	0 38	13 42	1 35	19 31	0 16	6 8	0 43	24 44	1 26	8 0	1 37	23 40	23 32	5 34		n.a.
S 7	16 51	17 30	4 40	9 53	0s 3	5 28	1 16	19 33	0 37	13 40	1 35	19 30	0 16	6 7	0 43	24 44	1 26	8 1	1 37	23 41	23 33	5 37		n.a.
M 8	17 9	21 1	4 8	10 33	0 10	5 59	1 13	19 23	0 35	13 37	1 35	19 29	0 15	6 6	0 43	24 44	1 26	8 2	1 37	23 42	23 33	5 40		n.a.
T 9	17 27	23 39	3 24	11 12	0 17	6 30	1 11	19 13	0 34	13 35	1 36	19 28	0 15	6 5	0 43	24 44	1 26	8 3	1 37	23 43	23 33	5 43		n.a.
W10	17 44	25 10	2 30	11 51	0 24	7 1	1 9	19 3	0 33	13 33	1 36	19 27	0 15	6 5	0 43	24 45	1 27	8 3	1 37	23 43	23 34	5 46		n.a.
T 11	18 2	25 24	1 27	12 30	0 31	7 32	1 6	18 52	0 32	13 31	1 36	19 26	0 15	6 4	0 44	24 45	1 27	8 4	1 36	23 44	23 34	5 49		n.a.
F 12	18 18	24 17	0 20	13 8	0 38	8 2	1 4	18 42	0 30	13 28	1 37	19 25	0 15	6 3	0 44	24 45	1 27	8 5	1 36	23 44	23 34	5 52		n.a.
S 13	18 35	21 50	0n51	13 46	0 44	8 32	1 2	18 31	0 29	13 26	1 37	19 24	0 15	6 2	0 44	24 45	1 27	8 6	1 36	23 44	23 34	5 55		n.a.
S 14	18 51	18 11	1 59	14 24	0 50	9 3	0 59	18 21	0 28	13 24	1 37	19 23	0 15	6 1	0 44	24 45	1 27	8 7	1 36	23 44	23 35	5 57		n.a.
M15	19 7	13 30	3 3	15 2	0 57	9 32	0 57	18 10	0 27	13 22	1 37	19 22	0 15	6 0	0 44	24 45	1 27	8 7	1 36	23 44	23 35	6 0		n.a.
T 16	19 22	8 3	3 57	15 39	1 2	10 2	0 54	17 59	0 26	13 20	1 38	19 21	0 15	6 0	0 44	24 45	1 27	8 8	1 36	23 44	23 35	6 3		n.a.
W17	19 37	2 5	4 39	16 15	1 8	10 32	0 52	17 48	0 24	13 18	1 38	19 19	0 14	5 59	0 44	24 46	1 27	8 9	1 36	23 44	23 36	6 6		n.a.
T 18	19 52	4n 6	5 3	16 51	1 13	11 1	0 49	17 37	0 23	13 17	1 38	19 18	0 14	5 58	0 44	24 46	1 27	8 10	1 36	23 44	23 36	6 9		n.a.
F 19	20 6	10 9	5 8	17 27	1 18	11 30	0 47	17 26	0 22	13 15	1 38	19 17	0 14	5 58	0 44	24 46	1 27	8 10	1 36	23 44	23 36	6 12		n.a.
S 20	20 20	15 40	4 53	18 1	1 23	11 58	0 44	17 15	0 21	13 13	1 39	19 16	0 14	5 57	0 44	24 46	1 27	8 11	1 36	23 45	23 36	6 15		n.a.
S 21	20 34	20 16	4 18	18 35	1 28	12 27	0 42	17 3	0 20	13 12	1 39	19 15	0 14	5 56	0 44	24 46	1 27	8 12	1 36	23 45	23 37	6 17		n.a.
M22	20 47	23 32	3 27	19 9	1 32	12 55	0 39	16 52	0 19	13 10	1 39	19 14	0 14	5 56	0 44	24 46	1 27	8 13	1 36	23 46	23 37	6 20		n.a.
T 23	21 0	25 14	2 23	19 41	1 36	13 22	0 37	16 40	0 18	13 8	1 39	19 13	0 14	5 55	0 44	24 47	1 27	8 13	1 36	23 46	23 37	6 23		n.a.
W24	21 13	25 15	1 12	20 12	1 40	13 50	0 34	16 29	0 17	13 7	1 40	19 12	0 14	5 54	0 44	24 47	1 27	8 14	1 36	23 46	23 38	6 26		n.a.
T 25	21 25	23 43	0s 2	20 43	1 43	14 17	0 31	16 17	0 16	13 6	1 40	19 11	0 14	5 54	0 44	24 47	1 27	8 15	1 35	23 46	23 38	6 29		n.a.
F 26	21 36	20 55	1 13	21 12	1 46	14 43	0 29	16 5	0 15	13 4	1 40	19 10	0 14	5 53	0 44	24 47	1 27	8 15	1 35	23 46	23 38	6 32		n.a.
S 27	21 47	17 8	2 19	21 41	1 48	15 10	0 26	15 53	0 14	13 3	1 41	19 9	0 13	5 53	0 44	24 47	1 27	8 16	1 35	23 46	23 38	6 34		n.a.
S 28	21 58	12 42	3 16	22 8	1 50	15 35	0 24	15 41	0 12	13 2	1 41	19 7	0 13	5 52	0 44	24 47	1 27	8 17	1 35	23 46	23 39	6 37		n.a.
M29	22 9	7 52	4 3	22 34	1 52	16 1	0 21	15 29	0 11	13 1	1 41	19 6	0 13	5 52	0 44	24 48	1 27	8 17	1 35	23 46	23 39	6 40		n.a.
T 30	22 19	2 50	4 39	22 58	1 54	16 26	0 18	15 17	0 10	13 0	1 41	19 5	0 13	5 51	0 44	24 48	1 27	8 18	1 35	23 46	23 39	6 43		n.a.
W31	22s28	2s16	5s 2	23s21	1s54	16s51	0n16	15s 5	0s 9	12n59	1n42	19n 4	0s13	5n51	0n44	24n48	1n28	8s19	1n35	23s46	23s39	6s46		n.a.

Julian Day Number = 205239.5, Delta T = 32h02m44s
Ecliptic obliquity = 24°06'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'14, Lahiri = -60°59'13 Julian Calendar 1 Dec. 4152 BCE == Greg. Calendar 29 Oct. 4152 BCE

The year -4151 astronomical counting style corresponds to year 4152 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

JANUARY 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 33 12	10♐19'51	6♎ 8	5♐30	17♏14	21♒29	1♍ 8	23°R51	17♍16	14°R 2	24♎36	9°R24	10♑47	5♎14	n.a.	T 1
F 2	4 37 8	11°19'43	18° 2	7°21	18°28	22° 4	1°11	23♉46	17°18	14♋ 1	24°37	9♑21	10°44	5°21	n.a.	F 2
S 3	4 41 5	12°19'33	0♏ 3	9°13	19°42	22°39	1°14	23°42	17°19	14° 0	24°39	9°16	10°41	5°27	n.a.	S 3
S 4	4 45 2	13°19'21	12°12	11° 6	20°56	23°14	1°17	23°38	17°20	13°58	24°40	9°12	10°38	5°34	n.a.	S 4
M 5	4 48 58	14°19'07	24°33	13° 0	22°10	23°49	1°19	23°33	17°21	13°57	24°42	9° 7	10°34	5°41	n.a.	M 5
T 6	4 52 55	15°18'51	7♐ 6	14°55	23°24	24°24	1°22	23°29	17°22	13°55	24°43	9° 4	10°31	5°48	n.a.	T 6
W 7	4 56 51	16°18'33	19°53	16°51	24°37	24°59	1°24	23°25	17°22	13°54	24°45	9° 1	10°28	5°54	n.a.	W 7
T 8	5 0 48	17°18'13	2♑53	18°47	25°51	25°34	1°26	23°20	17°23	13°53	24°46	9°D 0	10°25	6° 1	n.a.	T 8
F 9	5 4 44	18°17'50	16° 7	20°45	27° 5	26° 9	1°28	23°16	17°24	13°51	24°47	9° 0	10°22	6° 8	n.a.	F 9
S 10	5 8 41	19°17'24	29°33	22°43	28°19	26°44	1°29	23°12	17°25	13°50	24°49	9° 1	10°19	6°14	n.a.	S 10
S 11	5 12 37	20°16'56	13♒10	24°42	29°33	27°19	1°31	23° 8	17°25	13°48	24°50	9° 3	10°15	6°21	n.a.	S 11
M12	5 16 34	21°16'26	26°59	26°41	0♐47	27°55	1°32	23° 4	17°26	13°47	24°51	9° 4	10°12	6°28	n.a.	M12
T 13	5 20 30	22°15'53	10♓58	28°40	2° 0	28°30	1°33	23° 0	17°26	13°45	24°53	9° 5	10° 9	6°35	n.a.	T 13
W14	5 24 27	23°15'17	25° 6	0♑40	3°14	29° 5	1°34	22°57	17°27	13°44	24°54	9°R 5	10° 6	6°41	n.a.	W14
T 15	5 28 24	24°14'39	9♈20	2°39	4°28	29°41	1°35	22°53	17°27	13°42	24°55	9° 5	10° 3	6°48	n.a.	T 15
F 16	5 32 20	25°13'58	23°40	4°38	5°42	0♓16	1°36	22°49	17°28	13°41	24°57	9° 4	10° 0	6°55	n.a.	F 16
S 17	5 36 17	26°13'14	8♉ 0	6°35	6°55	0°52	1°36	22°46	17°28	13°39	24°58	9° 2	9°56	7° 2	n.a.	S 17
S 18	5 40 13	27°12'28	22°18	8°32	8° 9	1°27	1°R36	22°42	17°28	13°38	24°59	9° 0	9°53	7° 8	n.a.	S 18
M19	5 44 10	28°11'40	6♊28	10°27	9°23	2° 3	1°36	22°39	17°29	13°36	25° 0	8°59	9°50	7°15	n.a.	M19
T 20	5 48 6	29°10'49	20°27	12°20	10°37	2°38	1°36	22°35	17°29	13°35	25° 1	8°58	9°47	7°22	n.a.	T 20
W21	5 52 3	0♑ 9'56	4♋10	14°11	11°50	3°14	1°36	22°32	17°29	13°33	25° 2	8°D58	9°44	7°28	n.a.	W21
T 22	5 55 59	1° 9'01	17°35	15°59	13° 4	3°49	1°35	22°29	17°29	13°31	25° 3	8°58	9°40	7°35	n.a.	T 22
F 23	5 59 56	2° 8'03	0♌41	17°43	14°18	4°25	1°34	22°25	17°R29	13°30	25° 4	8°58	9°37	7°42	n.a.	F 23
S 24	6 3 52	3° 7'04	13°28	19°25	15°31	5° 1	1°33	22°22	17°29	13°28	25° 5	8°59	9°34	7°49	n.a.	S 24
S 25	6 7 49	4° 6'02	25°57	21° 1	16°45	5°36	1°32	22°19	17°29	13°27	25° 6	8°59	9°31	7°55	n.a.	S 25
M26	6 11 45	5° 4'58	8♍12	22°34	17°59	6°12	1°31	22°17	17°29	13°25	25° 7	9° 0	9°28	8° 2	n.a.	M26
T 27	6 15 42	6° 3'52	20°15	24° 2	19°12	6°48	1°29	22°14	17°29	13°23	25° 8	9° 0	9°25	8° 9	n.a.	T 27
W28	6 19 39	7° 2'43	2♎10	25°24	20°26	7°24	1°28	22°11	17°28	13°22	25° 9	9° 0	9°21	8°16	n.a.	W28
T 29	6 23 35	8° 1'33	14° 3	26°42	21°40	7°59	1°26	22° 8	17°28	13°20	25°10	9°R 0	9°18	8°22	n.a.	T 29
F 30	6 27 32	9° 0'21	25°59	27°53	22°53	8°35	1°24	22° 6	17°28	13°18	25°11	9°D 0	9°15	8°29	n.a.	F 30
S 31	6 31 28	9♑59'07	8♏ 0	28♑59	24♐ 7	9♓11	1♍22	22♉ 3	17♍27	13♋17	25♎12	9♑ 0	9♑12	8♎36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	22s37	7s15	5s12	23s42	1s55	17s15	0n13	14s52	0s 8	12n58	1n42	19n 3	0s13	5n50	0n44	24n48	1n28	8s19	1n35	23s46	23s40	6s49			n.a.
F 2	22 46	12 0	5 9	24 2	1 55	17 39	0 10	14 40	0 8	12 57	1 42	19 2	0 13	5 50	0 44	24 48	1 28	8 20	1 35	23 46	23 40	6 51			n.a.
S 3	22 54	16 20	4 52	24 20	1 54	18 2	0 8	14 27	0 7	12 56	1 43	19 1	0 13	5 49	0 44	24 48	1 28	8 21	1 35	23 47	23 40	6 54			n.a.
S 4	23 2	20 5	4 23	24 36	1 53	18 25	0 5	14 15	0 6	12 55	1 43	19 0	0 12	5 49	0 44	24 49	1 28	8 21	1 35	23 47	23 40	6 57			n.a.
M 5	23 10	22 59	3 40	24 50	1 52	18 47	0 3	14 2	0 5	12 54	1 43	18 59	0 12	5 49	0 44	24 49	1 28	8 22	1 35	23 47	23 41	7 0			n.a.
T 6	23 17	24 50	2 46	25 3	1 49	19 9	0 0	13 49	0 4	12 54	1 43	18 58	0 12	5 48	0 44	24 49	1 28	8 22	1 35	23 48	23 41	7 3			n.a.
W 7	23 23	25 26	1 43	25 13	1 47	19 30	0s 3	13 36	0 3	12 53	1 44	18 57	0 12	5 48	0 44	24 49	1 28	8 23	1 35	23 48	23 41	7 6			n.a.
T 8	23 29	24 38	0 34	25 20	1 43	19 51	0 5	13 23	0 2	12 53	1 44	18 56	0 12	5 48	0 44	24 49	1 28	8 24	1 35	23 48	23 42	7 8			n.a.
F 9	23 35	22 28	0n39	25 26	1 39	20 11	0 8	13 10	0 1	12 52	1 44	18 55	0 12	5 48	0 44	24 50	1 28	8 24	1 35	23 48	23 42	7 11			n.a.
S 10	23 40	19 1	1 51	25 29	1 35	20 31	0 10	12 57	0 0	12 52	1 45	18 54	0 12	5 47	0 44	24 50	1 28	8 25	1 34	23 48	23 42	7 14			n.a.
S 11	23 45	14 30	2 57	25 29	1 29	20 50	0 13	12 44	0n 1	12 52	1 45	18 53	0 12	5 47	0 45	24 50	1 28	8 25	1 34	23 48	23 42	7 17			n.a.
M12	23 49	9 12	3 55	25 28	1 23	21 8	0 15	12 31	0 2	12 52	1 45	18 53	0 12	5 47	0 45	24 50	1 28	8 26	1 34	23 48	23 43	7 20			n.a.
T 13	23 53	3 23	4 39	25 23	1 17	21 26	0 18	12 17	0 2	12 51	1 46	18 52	0 11	5 47	0 45	24 50	1 28	8 26	1 34	23 48	23 43	7 22			n.a.
W14	23 56	2n40	5 6	25 16	1 9	21 43	0 20	12 4	0 3	12 51	1 46	18 51	0 11	5 46	0 45	24 51	1 28	8 27	1 34	23 48	23 43	7 25			n.a.
T 15	23 59	8 37	5 16	25 6	1 1	22 0	0 22	11 50	0 4	12 51	1 46	18 50	0 11	5 46	0 45	24 51	1 28	8 27	1 34	23 48	23 43	7 28			n.a.
F 16	24 1	14 9	5 6	24 54	0 53	22 16	0 25	11 37	0 5	12 51	1 46	18 49	0 11	5 46	0 45	24 51	1 28	8 28	1 34	23 48	23 44	7 31			n.a.
S 17	24 3	18 55	4 36	24 40	0 43	22 31	0 27	11 23	0 6	12 51	1 47	18 48	0 11	5 46	0 45	24 51	1 28	8 28	1 34	23 48	23 44	7 33			n.a.
S 18	24 5	22 33	3 50	24 23	0 33	22 46	0 29	11 9	0 7	12 52	1 47	18 47	0 11	5 46	0 45	24 51	1 28	8 29	1 34	23 48	23 44	7 36			n.a.
M19	24 6	24 47	2 50	24 4	0 23	23 0	0 32	10 56	0 7	12 52	1 47	18 47	0 11	5 46	0 45	24 51	1 28	8 29	1 34	23 48	23 44	7 39			n.a.
T 20	24 6	25 26	1 41	23 43	0 11	23 14	0 34	10 42	0 8	12 52	1 48	18 46	0 11	5 46	0 45	24 52	1 28	8 30	1 34	23 48	23 44	7 42			n.a.
W21	24 7	24 29	0 27	23 20	0n 0	23 26	0 36	10 28	0 9	12 53	1 48	18 45	0 11	5 46	0 45	24 52	1 28	8 30	1 34	23 48	23 45	7 45			n.a.
T 22	24 6	22 8	0s48	22 55	0 12	23 38	0 38	10 14	0 10	12 53	1 48	18 44	0 10	5 46	0 45	24 52	1 28	8 31	1 34	23 48	23 45	7 47			n.a.
F 23	24 6	18 40	1 57	22 29	0 25	23 50	0 41	10 0	0 11	12 54	1 48	18 44	0 10	5 46	0 45	24 52	1 28	8 31	1 34	23 48	23 45	7 50			n.a.
S 24	24 4	14 23	3 0	22 2	0 38	24 0	0 43	9 46	0 11	12 54	1 49	18 43	0 10	5 46	0 45	24 52	1 28	8 32	1 34	23 48	23 45	7 53			n.a.
S 25	24 3	9 36	3 52	21 35	0 51	24 10	0 45	9 32	0 12	12 55	1 49	18 42	0 10	5 46	0 45	24 53	1 28	8 32	1 34	23 48	23 46	7 56			n.a.
M26	24 1	4 32	4 32	21 7	1 4	24 20	0 47	9 17	0 13	12 56	1 49	18 42	0 10	5 46	0 45	24 53	1 28	8 32	1 34	23 48	23 46	7 58			n.a.
T 27	23 58	0s37	5 0	20 38	1 17	24 28	0 49	9 3	0 14	12 56	1 49	18 41	0 10	5 46	0 45	24 53	1 28	8 33	1 34	23 48	23 46	8 1			n.a.
W28	23 55	5 40	5 15	20 10	1 31	24 36	0 51	8 49	0 14	12 57	1 50	18 40	0 10	5 46	0 45	24 53	1 28	8 33	1 34	23 48	23 46	8 4			n.a.
T 29	23 52	10 31	5 16	19 42	1 44	24 43	0 53	8 35	0 15	12 58	1 50	18 40	0 10	5 46	0 45	24 53	1 28	8 34	1 33	23 48	23 47	8 7			n.a.
F 30	23 48	14 59	5 3	19 16	1 57	24 49	0 54	8 20	0 16	12 59	1 50	18 39	0 9	5 47	0 45	24 54	1 28	8 34	1 33	23 48	23 47	8 9			n.a.
S 31	23s43	18s55	4s37	18s50	2n10	24s55	0s56	8s 6	0n16	13n 0	1n51	18n39	0s 9	5n47	0n45	24n54	1n28	8s34	1n33	23s48	23s47	8s12			n.a.

Julian Day Number = 205270.5, Delta T = 32h02m41s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'09, Lahiri = -60°59'09 Julian Calendar 1 Jan. 4151 BCE == Greg. Calendar 29 Nov. 4152 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

FEBRUARY 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 35 25	10♉57'51	20♏12	29♉58	25♐21	9♓47	1°R19	22°R 1	17°R27	13°R15	25♎13	9♉ 0	9♉ 9	8♎42	n.a.	S 1
M 2	6 39 21	11°56'33	2♐39	0♒51	26°34	10°23	1♏17	21♑59	17♏26	13♋14	25°13	9° 1	9° 6	8°49	n.a.	M 2
T 3	6 43 18	12°55'14	15°22	1°37	27°48	10°59	1°14	21°57	17°26	13°12	25°14	9° 1	9° 2	8°56	n.a.	T 3
W 4	6 47 14	13°53'52	28°24	2°17	29° 2	11°35	1°11	21°55	17°25	13°10	25°15	9° 1	8°59	9° 3	n.a.	W 4
T 5	6 51 11	14°52'28	11♉44	2°51	0♉15	12°11	1° 8	21°53	17°25	13° 9	25°15	9°R 1	8°56	9° 9	n.a.	T 5
F 6	6 55 7	15°51'01	25°21	3°17	1°29	12°47	1° 4	21°51	17°24	13° 7	25°16	9° 1	8°53	9°16	n.a.	F 6
S 7	6 59 4	16°49'33	9♒15	3°37	2°43	13°23	1° 1	21°49	17°23	13° 5	25°17	9° 1	8°50	9°23	n.a.	S 7
S 8	7 3 0	17°48'02	23°20	3°51	3°56	13°59	0°57	21°47	17°22	13° 4	25°17	9° 0	8°46	9°30	n.a.	S 8
M 9	7 6 57	18°46'29	7♓33	3°58	5°10	14°35	0°53	21°46	17°22	13° 2	25°18	8°59	8°43	9°36	n.a.	M 9
T 10	7 10 53	19°44'53	21°51	3°R58	6°23	15°11	0°49	21°44	17°21	13° 0	25°18	8°58	8°40	9°43	n.a.	T 10
W11	7 14 50	20°43'16	6♈ 9	3°52	7°37	15°47	0°45	21°43	17°20	12°59	25°19	8°57	8°37	9°50	n.a.	W11
T 12	7 18 46	21°41'35	20°24	3°40	8°51	16°24	0°41	21°42	17°19	12°57	25°19	8°D56	8°34	9°56	n.a.	T 12
F 13	7 22 43	22°39'53	4♉33	3°23	10° 4	17° 0	0°37	21°40	17°18	12°56	25°20	8°57	8°31	10° 3	n.a.	F 13
S 14	7 26 40	23°38'08	18°35	3° 1	11°18	17°36	0°32	21°39	17°17	12°54	25°20	8°57	8°27	10°10	n.a.	S 14
S 15	7 30 36	24°36'20	2♊28	2°34	12°32	18°12	0°27	21°38	17°15	12°52	25°21	8°59	8°24	10°17	n.a.	S 15
M16	7 34 33	25°34'31	16°11	2° 2	13°45	18°48	0°22	21°37	17°14	12°51	25°21	9° 0	8°21	10°23	n.a.	M16
T 17	7 38 29	26°32'39	29°42	1°28	14°59	19°25	0°17	21°37	17°13	12°49	25°21	9° 1	8°18	10°30	n.a.	T 17
W18	7 42 26	27°30'46	13♋ 0	0°50	16°12	20° 1	0°12	21°36	17°12	12°48	25°22	9°R 1	8°15	10°37	n.a.	W18
T 19	7 46 22	28°28'50	26° 5	0°11	17°26	20°37	0° 7	21°36	17°11	12°46	25°22	9° 0	8°12	10°44	n.a.	T 19
F 20	7 50 19	29°26'52	8♌56	29♉30	18°39	21°13	0° 1	21°35	17° 9	12°44	25°22	8°58	8° 8	10°50	n.a.	F 20
S 21	7 54 15	0♒24'52	21°32	28°48	19°53	21°50	29♌55	21°35	17° 8	12°43	25°22	8°55	8° 5	10°57	n.a.	S 21
S 22	7 58 12	1°22'51	3♍56	28° 7	21° 7	22°26	29°50	21°34	17° 6	12°41	25°22	8°52	8° 2	11° 4	n.a.	S 22
M23	8 2 8	2°20'48	16° 8	27°27	22°20	23° 3	29°44	21°34	17° 5	12°40	25°23	8°48	7°59	11°10	n.a.	M23
T 24	8 6 5	3°18'43	28°10	26°48	23°34	23°39	29°38	21°D34	17° 3	12°38	25°23	8°45	7°56	11°17	n.a.	T 24
W25	8 10 1	4°16'36	10♎ 6	26°11	24°47	24°15	29°32	21°34	17° 2	12°37	25°23	8°42	7°52	11°24	n.a.	W25
T 26	8 13 58	5°14'28	21°59	25°37	26° 1	24°52	29°25	21°35	17° 0	12°35	25°23	8°40	7°49	11°31	n.a.	T 26
F 27	8 17 54	6°12'18	3♏53	25° 7	27°14	25°28	29°19	21°35	16°59	12°34	25°R23	8°D39	7°46	11°37	n.a.	F 27
S 28	8 21 51	7♒10'07	15♏54	24♉40	28♉28	26♓ 5	29♌13	21♑35	16♏57	12♋32	25♎23	8♉39	7♉43	11♎44	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s39	22s 7	3s59	18s25	2n22	25s 0	0s58	7s51	0n17	13n 2	1n51	18n38	0s 9	5n47	0n45	24n54	1n28	8s35	1n33	23s48	23s47	8s15		n.a.
M 2	23 33	24 21	3 8	18 2	2 34	25 4	1 0	7 37	0 18	13 3	1 51	18 38	0 9	5 47	0 45	24 54	1 28	8 35	1 33	23 48	23 48	8 18		n.a.
T 3	23 28	25 24	2 7	17 41	2 45	25 7	1 1	7 22	0 19	13 4	1 51	18 37	0 9	5 48	0 45	24 54	1 28	8 35	1 33	23 48	23 48	8 20		n.a.
W 4	23 22	25 5	0 59	17 21	2 56	25 9	1 3	7 7	0 19	13 5	1 52	18 37	0 9	5 48	0 45	24 54	1 28	8 36	1 33	23 48	23 48	8 23		n.a.
T 5	23 15	23 20	0n15	17 4	3 5	25 11	1 4	6 53	0 20	13 7	1 52	18 36	0 9	5 48	0 45	24 55	1 29	8 36	1 33	23 48	23 48	8 26		n.a.
F 6	23 8	20 12	1 29	16 49	3 14	25 12	1 6	6 38	0 21	13 8	1 52	18 36	0 9	5 48	0 45	24 55	1 29	8 36	1 33	23 48	23 48	8 29		n.a.
S 7	23 1	15 53	2 40	16 37	3 22	25 12	1 7	6 23	0 21	13 10	1 52	18 36	0 9	5 49	0 45	24 55	1 29	8 37	1 33	23 48	23 49	8 31		n.a.
S 8	22 53	10 39	3 41	16 27	3 29	25 12	1 9	6 8	0 22	13 11	1 52	18 35	0 8	5 49	0 45	24 55	1 29	8 37	1 33	23 48	23 49	8 34		n.a.
M 9	22 45	4 49	4 30	16 20	3 35	25 11	1 10	5 53	0 23	13 13	1 53	18 35	0 8	5 49	0 45	24 55	1 29	8 37	1 33	23 48	23 49	8 37		n.a.
T 10	22 37	1n17	5 2	16 15	3 39	25 9	1 11	5 38	0 23	13 14	1 53	18 35	0 8	5 50	0 45	24 56	1 29	8 37	1 33	23 48	23 49	8 39		n.a.
W11	22 28	7 19	5 16	16 14	3 43	25 6	1 13	5 23	0 24	13 16	1 53	18 34	0 8	5 50	0 46	24 56	1 29	8 38	1 33	23 48	23 49	8 42		n.a.
T 12	22 18	12 57	5 10	16 15	3 44	25 2	1 14	5 8	0 25	13 18	1 53	18 34	0 8	5 51	0 46	24 56	1 29	8 38	1 33	23 48	23 50	8 45		n.a.
F 13	22 9	17 51	4 45	16 18	3 45	24 58	1 15	4 53	0 25	13 20	1 54	18 34	0 8	5 51	0 46	24 56	1 29	8 38	1 33	23 48	23 50	8 48		n.a.
S 14	21 59	21 44	4 4	16 25	3 44	24 53	1 16	4 38	0 26	13 22	1 54	18 34	0 8	5 52	0 46	24 56	1 29	8 38	1 33	23 48	23 50	8 50		n.a.
S 15	21 48	24 19	3 8	16 34	3 41	24 47	1 17	4 23	0 26	13 24	1 54	18 34	0 8	5 52	0 46	24 56	1 29	8 38	1 33	23 48	23 50	8 53		n.a.
M16	21 37	25 24	2 3	16 45	3 37	24 40	1 18	4 8	0 27	13 26	1 54	18 34	0 8	5 52	0 46	24 57	1 29	8 39	1 33	23 48	23 51	8 56		n.a.
T 17	21 26	24 58	0 51	16 58	3 31	24 33	1 19	3 53	0 28	13 28	1 54	18 33	0 7	5 53	0 46	24 57	1 29	8 39	1 33	23 48	23 51	8 58		n.a.
W18	21 14	23 6	0s22	17 14	3 23	24 25	1 20	3 38	0 28	13 30	1 55	18 33	0 7	5 54	0 46	24 57	1 29	8 39	1 32	23 48	23 51	9 1		n.a.
T 19	21 3	20 1	1 33	17 31	3 15	24 16	1 20	3 23	0 29	13 32	1 55	18 33	0 7	5 54	0 46	24 57	1 29	8 39	1 32	23 48	23 51	9 4		n.a.
F 20	20 50	16 0	2 37	17 49	3 5	24 7	1 21	3 8	0 29	13 34	1 55	18 33	0 7	5 55	0 46	24 57	1 29	8 39	1 32	23 48	23 51	9 6		n.a.
S 21	20 38	11 22	3 33	18 9	2 53	23 56	1 22	2 52	0 30	13 36	1 55	18 33	0 7	5 55	0 46	24 57	1 29	8 39	1 32	23 48	23 52	9 9		n.a.
S 22	20 25	6 21	4 18	18 30	2 41	23 45	1 22	2 37	0 30	13 38	1 55	18 33	0 7	5 56	0 46	24 57	1 29	8 39	1 32	23 48	23 52	9 12		n.a.
M23	20 11	1 12	4 50	18 51	2 27	23 34	1 23	2 22	0 31	13 41	1 55	18 33	0 7	5 56	0 46	24 58	1 29	8 39	1 32	23 49	23 52	9 14		n.a.
T 24	19 58	3s56	5 8	19 13	2 13	23 21	1 23	2 7	0 32	13 43	1 56	18 34	0 7	5 57	0 46	24 58	1 29	8 40	1 32	23 49	23 52	9 17		n.a.
W25	19 44	8 53	5 13	19 34	1 58	23 8	1 23	1 51	0 32	13 45	1 56	18 34	0 7	5 58	0 46	24 58	1 29	8 40	1 32	23 49	23 52	9 20		n.a.
T 26	19 29	13 29	5 5	19 56	1 43	22 55	1 24	1 36	0 33	13 48	1 56	18 34	0 6	5 58	0 46	24 58	1 29	8 40	1 32	23 49	23 53	9 22		n.a.
F 27	19 15	17 36	4 44	20 17	1 27	22 40	1 24	1 21	0 33	13 50	1 56	18 34	0 6	5 59	0 46	24 58	1 29	8 40	1 32	23 49	23 53	9 25		n.a.
S 28	19s 0	21s 2	4s10	20s37	1n11	22s25	1s24	1s 5	0n34	13n53	1n56	18n34	0s 6	6n 0	0n46	24n58	1n29	8s40	1n32	23s49	23s53	9s28		n.a.

Julian Day Number = 205301.5, Delta T = 32h02m37s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'05, Lahiri = -60°59'05 Julian Calendar 1 Feb. 4151 BCE == Greg. Calendar 30 Dec. 4152 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

MARCH 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 25 48	8♒ 7'54	28♏ 6	24°R17	29♉42	26♓41	29°R 6	21♉36	16°R55	12°R31	25°R23	8♉40	7♉40	11♎51	n.a.	S 1
M 2	8 29 44	9° 5'40	10♐33	23♉59	0♒55	27°17	28♎59	21°36	16♍54	12♋29	25♎23	8°42	7°37	11°57	n.a.	M 2
T 3	8 33 41	10° 3'25	23°20	23°45	2° 9	27°54	28°53	21°37	16°52	12°28	25°23	8°44	7°33	12° 4	n.a.	T 3
W 4	8 37 37	11° 1'08	6♉29	23°36	3°22	28°31	28°46	21°38	16°50	12°27	25°23	8°R44	7°30	12°11	n.a.	W 4
T 5	8 41 34	11°58'50	20° 2	23°D31	4°36	29° 7	28°39	21°39	16°48	12°25	25°22	8°44	7°27	12°18	n.a.	T 5
F 6	8 45 30	12°56'30	3♒58	23°31	5°50	29°44	28°32	21°40	16°46	12°24	25°22	8°42	7°24	12°24	n.a.	F 6
S 7	8 49 27	13°54'09	18°15	23°36	7° 3	0♈20	28°25	21°41	16°44	12°23	25°22	8°38	7°21	12°31	n.a.	S 7
S 8	8 53 23	14°51'46	2♓48	23°46	8°17	0°57	28°17	21°42	16°42	12°21	25°22	8°33	7°18	12°38	n.a.	S 8
M 9	8 57 20	15°49'21	17°29	24° 0	9°30	1°33	28°10	21°43	16°40	12°20	25°22	8°28	7°14	12°45	n.a.	M 9
T 10	9 1 16	16°46'54	2♈11	24°19	10°44	2°10	28° 3	21°45	16°38	12°19	25°21	8°23	7°11	12°51	n.a.	T 10
W11	9 5 13	17°44'26	16°49	24°42	11°58	2°47	27°56	21°46	16°36	12°17	25°21	8°18	7° 8	12°58	n.a.	W11
T 12	9 9 10	18°41'56	1♉15	25° 9	13°11	3°23	27°48	21°48	16°34	12°16	25°21	8°15	7° 5	13° 5	n.a.	T 12
F 13	9 13 6	19°39'25	15°26	25°41	14°25	4° 0	27°41	21°50	16°32	12°15	25°20	8°D14	7° 2	13°11	n.a.	F 13
S 14	9 17 3	20°36'52	29°22	26°17	15°38	4°37	27°33	21°51	16°30	12°14	25°20	8°14	6°58	13°18	n.a.	S 14
S 15	9 20 59	21°34'17	13♊ 0	26°56	16°52	5°13	27°26	21°53	16°28	12°12	25°19	8°15	6°55	13°25	n.a.	S 15
M16	9 24 56	22°31'41	26°23	27°39	18° 5	5°50	27°18	21°55	16°26	12°11	25°19	8°17	6°52	13°32	n.a.	M16
T 17	9 28 52	23°29'03	9♋32	28°26	19°19	6°27	27°11	21°57	16°24	12°10	25°18	8°R17	6°49	13°38	n.a.	T 17
W18	9 32 49	24°26'23	22°28	29°17	20°33	7° 4	27° 3	22° 0	16°22	12° 9	25°18	8°16	6°46	13°45	n.a.	W18
T 19	9 36 45	25°23'43	5♌12	0♒11	21°46	7°40	26°55	22° 2	16°19	12° 8	25°17	8°13	6°43	13°52	n.a.	T 19
F 20	9 40 42	26°21'01	17°45	1° 8	23° 0	8°17	26°48	22° 4	16°17	12° 7	25°17	8° 8	6°39	13°59	n.a.	F 20
S 21	9 44 38	27°18'17	0♍ 8	2° 8	24°13	8°54	26°40	22° 7	16°15	12° 6	25°16	8° 1	6°36	14° 5	n.a.	S 21
S 22	9 48 35	28°15'33	12°22	3°12	25°27	9°31	26°32	22° 9	16°12	12° 5	25°16	7°52	6°33	14°12	n.a.	S 22
M23	9 52 32	29°12'47	24°27	4°18	26°41	10° 7	26°25	22°12	16°10	12° 4	25°15	7°43	6°30	14°19	n.a.	M23
T 24	9 56 28	0♓10'00	6♎26	5°28	27°54	10°44	26°17	22°15	16° 8	12° 3	25°14	7°33	6°27	14°25	n.a.	T 24
W25	10 0 25	1° 7'13	18°20	6°40	29° 8	11°21	26°10	22°18	16° 6	12° 2	25°14	7°25	6°23	14°32	n.a.	W25
T 26	10 4 21	2° 4'24	0♏11	7°56	0♓21	11°58	26° 2	22°21	16° 3	12° 1	25°13	7°19	6°20	14°39	n.a.	T 26
F 27	10 8 18	3° 1'35	12° 5	9°14	1°35	12°35	25°55	22°24	16° 1	12° 0	25°12	7°14	6°17	14°46	n.a.	F 27
S 28	10 12 14	3°58'46	24° 4	10°34	2°49	13°12	25°47	22°27	15°58	11°59	25°11	7°12	6°14	14°52	n.a.	S 28
S 29	10 16 11	4°55'55	6♐13	11°58	4° 2	13°49	25°40	22°30	15°56	11°58	25°10	7°D11	6°11	14°59	n.a.	S 29
M30	10 20 7	5°53'04	18°38	13°24	5°16	14°26	25°32	22°34	15°54	11°57	25°10	7°12	6° 8	15° 6	n.a.	M30
T 31	10 24 4	6♓50'13	1♉23	14♒53	6♓29	15♈ 3	25♎25	22♉37	15♍51	11♋57	25♎ 9	7°R12	6♉ 4	15♎13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	18s45	23s36	3s24	20s57	0n56	22s10	1s24	0s50	0n34	13n55	1n56	18n34	0s 6	6n 0	0n46	24n58	1n29	8s40	1n32	23s49	23s53	9s30			n.a.
M 2	18 29	25 6	2 28	21 16	0 40	21 53	1 24	0 35	0 35	13 58	1 56	18 35	0 6	6 1	0 46	24 59	1 29	8 40	1 32	23 49	23 53	9 33			n.a.
T 3	18 13	25 20	1 23	21 34	0 24	21 36	1 24	0 19	0 35	14 0	1 56	18 35	0 6	6 2	0 46	24 59	1 28	8 40	1 32	23 49	23 53	9 36			n.a.
W 4	17 57	24 9	0 12	21 50	0 9	21 19	1 24	0 4	0 36	14 3	1 56	18 35	0 6	6 3	0 46	24 59	1 28	8 40	1 32	23 49	23 54	9 38			n.a.
T 5	17 41	21 34	1n 1	22 6	0s 6	21 1	1 24	0n12	0 36	14 5	1 57	18 36	0 6	6 3	0 46	24 59	1 28	8 40	1 32	23 49	23 54	9 41			n.a.
F 6	17 24	17 39	2 13	22 20	0 20	20 42	1 24	0 27	0 37	14 8	1 57	18 36	0 6	6 4	0 46	24 59	1 28	8 40	1 32	23 49	23 54	9 44			n.a.
S 7	17 7	12 39	3 19	22 33	0 34	20 23	1 24	0 42	0 37	14 10	1 57	18 36	0 5	6 5	0 46	24 59	1 28	8 40	1 32	23 49	23 54	9 46			n.a.
S 8	16 50	6 52	4 12	22 44	0 47	20 3	1 23	0 58	0 38	14 13	1 57	18 37	0 5	6 6	0 46	24 59	1 28	8 40	1 32	23 50	23 54	9 49			n.a.
M 9	16 32	0 39	4 50	22 54	1 0	19 42	1 23	1 13	0 38	14 16	1 57	18 37	0 5	6 6	0 46	24 59	1 28	8 40	1 32	23 50	23 55	9 52			n.a.
T 10	16 15	5n35	5 8	23 2	1 12	19 21	1 23	1 29	0 39	14 18	1 57	18 38	0 5	6 7	0 46	25 0	1 28	8 40	1 31	23 50	23 55	9 54			n.a.
W11	15 57	11 29	5 7	23 9	1 23	19 0	1 22	1 44	0 39	14 21	1 57	18 38	0 5	6 8	0 46	25 0	1 28	8 40	1 31	23 51	23 55	9 57			n.a.
T 12	15 38	16 40	4 46	23 14	1 34	18 38	1 22	1 59	0 40	14 24	1 57	18 39	0 5	6 9	0 46	25 0	1 28	8 40	1 31	23 51	23 55	9 59			n.a.
F 13	15 20	20 51	4 7	23 18	1 43	18 15	1 21	2 15	0 40	14 26	1 57	18 39	0 5	6 10	0 46	25 0	1 28	8 39	1 31	23 51	23 55	10 2			n.a.
S 14	15 1	23 45	3 15	23 19	1 52	17 52	1 20	2 30	0 41	14 29	1 57	18 40	0 5	6 11	0 46	25 0	1 28	8 39	1 31	23 51	23 55	10 5			n.a.
S 15	14 42	25 11	2 13	23 20	2 1	17 29	1 20	2 46	0 41	14 32	1 57	18 41	0 5	6 11	0 46	25 0	1 28	8 39	1 31	23 51	23 56	10 7			n.a.
M16	14 23	25 8	1 4	23 18	2 8	17 5	1 19	3 1	0 42	14 34	1 57	18 41	0 4	6 12	0 46	25 0	1 28	8 39	1 31	23 51	23 56	10 10			n.a.
T 17	14 4	23 39	0s 7	23 15	2 15	16 40	1 18	3 16	0 42	14 37	1 57	18 42	0 4	6 13	0 46	25 0	1 28	8 39	1 31	23 51	23 56	10 13			n.a.
W18	13 45	20 56	1 16	23 10	2 21	16 16	1 17	3 32	0 43	14 40	1 57	18 43	0 4	6 14	0 46	25 0	1 28	8 39	1 31	23 51	23 56	10 15			n.a.
T 19	13 25	17 15	2 20	23 3	2 26	15 50	1 16	3 47	0 43	14 42	1 57	18 43	0 4	6 15	0 46	25 0	1 28	8 39	1 31	23 51	23 56	10 18			n.a.
F 20	13 5	12 50	3 16	22 55	2 31	15 25	1 15	4 2	0 44	14 45	1 57	18 44	0 4	6 16	0 46	25 0	1 28	8 39	1 31	23 51	23 56	10 20			n.a.
S 21	12 45	7 58	4 2	22 44	2 34	14 59	1 14	4 18	0 44	14 48	1 57	18 45	0 4	6 17	0 46	25 1	1 28	8 38	1 31	23 52	23 57	10 23			n.a.
S 22	12 25	2 52	4 36	22 32	2 37	14 32	1 13	4 33	0 44	14 50	1 57	18 46	0 4	6 18	0 46	25 1	1 28	8 38	1 31	23 52	23 57	10 26			n.a.
M23	12 4	2s16	4 58	22 18	2 40	14 5	1 12	4 48	0 45	14 53	1 57	18 46	0 4	6 19	0 46	25 1	1 28	8 38	1 31	23 53	23 57	10 28			n.a.
T 24	11 44	7 16	5 6	22 2	2 41	13 38	1 10	5 3	0 45	14 56	1 57	18 47	0 4	6 20	0 46	25 1	1 28	8 38	1 31	23 53	23 57	10 31			n.a.
W25	11 23	11 59	5 0	21 44	2 42	13 11	1 9	5 19	0 46	14 58	1 57	18 48	0 4	6 21	0 46	25 1	1 28	8 38	1 31	23 54	23 57	10 33			n.a.
T 26	11 2	16 14	4 42	21 25	2 43	12 43	1 8	5 34	0 46	15 1	1 56	18 49	0 3	6 22	0 46	25 1	1 28	8 37	1 31	23 54	23 57	10 36			n.a.
F 27	10 41	19 52	4 11	21 3	2 42	12 14	1 6	5 49	0 47	15 3	1 56	18 50	0 3	6 22	0 46	25 1	1 28	8 37	1 31	23 55	23 58	10 38			n.a.
S 28	10 19	22 42	3 30	20 39	2 41	11 46	1 5	6 4	0 47	15 6	1 56	18 51	0 3	6 23	0 46	25 1	1 28	8 37	1 30	23 55	23 58	10 41			n.a.
S 29	9 58	24 33	2 38	20 14	2 39	11 17	1 3	6 19	0 47	15 8	1 56	18 52	0 3	6 24	0 46	25 1	1 28	8 37	1 30	23 55	23 58	10 44			n.a.
M30	9 36	25 14	1 38	19 46	2 37	10 48	1 2	6 34	0 48	15 11	1 56	18 53	0 3	6 25	0 46	25 1	1 28	8 36	1 30	23 55	23 58	10 46			n.a.
T 31	9s15	24s37	0s31	19s16	2s34	10s19	1s 0	6n49	0n48	15n13	1n56	18n54	0s 3	6n26	0n46	25n 1	1n28	8s36	1n30	23s55	23s58	10s49			n.a.

Julian Day Number = 205329.5, Delta T = 32h02m34s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°06'01, Lahiri = -60°59'01 Julian Calendar 1 March 4151 BCE == Greg. Calendar 27 Jan. 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

APRIL 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 28 1	7♓47'21	14♉32	16♒24	7♓43	15♈40	25°R17	22♉40	15°R49	11°R56	25°R 8	7°R12	6♉ 1	15♎19	n.a.	W 1
T 2	10 31 57	8°44'28	28° 9	17°58	8°57	16°17	25♌10	22°44	15♍46	11♋55	25♎ 7	7♉10	5°58	15°26	n.a.	T 2
F 3	10 35 54	9°41'35	12♒13	19°35	10°10	16°54	25° 3	22°48	15°44	11°54	25° 6	7° 6	5°55	15°33	n.a.	F 3
S 4	10 39 50	10°38'41	26°44	21°14	11°24	17°31	24°56	22°51	15°41	11°54	25° 5	7° 0	5°52	15°39	n.a.	S 4
S 5	10 43 47	11°35'47	11♓34	22°55	12°38	18° 8	24°49	22°55	15°39	11°53	25° 4	6°52	5°49	15°46	n.a.	S 5
M 6	10 47 43	12°32'52	26°38	24°40	13°51	18°45	24°42	22°59	15°37	11°52	25° 3	6°42	5°45	15°53	n.a.	M 6
T 7	10 51 40	13°29'56	11♈43	26°26	15° 5	19°22	24°35	23° 3	15°34	11°52	25° 2	6°33	5°42	16° 0	n.a.	T 7
W 8	10 55 36	14°26'59	26°42	28°15	16°19	19°59	24°28	23° 7	15°32	11°51	25° 1	6°25	5°39	16° 6	n.a.	W 8
T 9	10 59 33	15°24'02	11♉24	0♓ 7	17°32	20°36	24°21	23°11	15°29	11°51	25° 0	6°19	5°36	16°13	n.a.	T 9
F 10	11 3 30	16°21'04	25°46	2° 1	18°46	21°13	24°15	23°16	15°27	11°50	24°59	6°15	5°33	16°20	n.a.	F 10
S 11	11 7 26	17°18'06	9♊45	3°57	20° 0	21°50	24° 8	23°20	15°24	11°50	24°58	6°13	5°29	16°26	n.a.	S 11
S 12	11 11 23	18°15'06	23°20	5°55	21°13	22°27	24° 2	23°24	15°22	11°49	24°57	6°D13	5°26	16°33	n.a.	S 12
M13	11 15 19	19°12'06	6♋35	7°56	22°27	23° 4	23°56	23°29	15°19	11°49	24°56	6°R14	5°23	16°40	n.a.	M13
T 14	11 19 16	20° 9'05	19°30	9°58	23°40	23°42	23°49	23°33	15°17	11°49	24°55	6°13	5°20	16°47	n.a.	T 14
W15	11 23 12	21° 6'04	2♌11	12° 3	24°54	24°19	23°43	23°38	15°14	11°48	24°54	6°10	5°17	16°53	n.a.	W15
T 16	11 27 9	22° 3'02	14°39	14° 9	26° 8	24°56	23°37	23°43	15°12	11°48	24°52	6° 5	5°14	17° 0	n.a.	T 16
F 17	11 31 6	23° 0'00	26°58	16°16	27°21	25°33	23°32	23°48	15°10	11°48	24°51	5°58	5°10	17° 7	n.a.	F 17
S 18	11 35 2	23°56'57	9♍ 8	18°25	28°35	26°11	23°26	23°52	15° 7	11°47	24°50	5°47	5° 7	17°14	n.a.	S 18
S 19	11 38 59	24°53'54	21°12	20°34	29°49	26°48	23°20	23°57	15° 5	11°47	24°49	5°35	5° 4	17°20	n.a.	S 19
M20	11 42 55	25°50'51	3♎11	22°44	1♈ 2	27°25	23°15	24° 2	15° 2	11°47	24°48	5°22	5° 1	17°27	n.a.	M20
T 21	11 46 52	26°47'47	15° 5	24°55	2°16	28° 2	23°10	24° 7	15° 0	11°47	24°46	5° 8	4°58	17°34	n.a.	T 21
W22	11 50 48	27°44'44	26°57	27° 6	3°30	28°40	23° 4	24°13	14°57	11°47	24°45	4°56	4°54	17°40	n.a.	W22
T 23	11 54 45	28°41'41	8♏49	29°16	4°44	29°17	22°59	24°18	14°55	11°47	24°44	4°46	4°51	17°47	n.a.	T 23
F 24	11 58 42	29°38'38	20°42	1♈26	5°57	29°54	22°54	24°23	14°53	11°46	24°42	4°39	4°48	17°54	n.a.	F 24
S 25	12 2 38	0♈35'35	2♐41	3°36	7°11	0♉32	22°50	24°28	14°50	11°46	24°41	4°34	4°45	18° 1	n.a.	S 25
S 26	12 6 35	1°32'33	14°50	5°45	8°25	1° 9	22°45	24°34	14°48	11°D46	24°40	4°32	4°42	18° 7	n.a.	S 26
M27	12 10 31	2°29'31	27°13	7°52	9°38	1°47	22°41	24°39	14°46	11°46	24°38	4°31	4°39	18°14	n.a.	M27
T 28	12 14 28	3°26'30	9♑55	9°59	10°52	2°24	22°37	24°45	14°43	11°47	24°37	4°31	4°35	18°21	n.a.	T 28
W29	12 18 24	4°23'28	23° 0	12° 4	12° 6	3° 2	22°32	24°50	14°41	11°47	24°36	4°31	4°32	18°27	n.a.	W29
T 30	12 22 21	5♈20'28	6♒33	14♈ 7	13♈19	3♉39	22♌28	24♉56	14♍39	11♋47	24♎34	4♑28	4♑29	18♎34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8s53	22s39	0n39	18s44	2s30	9s49	0s59	7n 4	0n49	15n16	1n56	18n55	0s 3	6n27	0n46	25n 1	1n28	8s36	1n30	23s55	23s58	10s51		n.a.
T 2	8 31	19 20	1 49	18 11	2 26	9 19	0 57	7 19	0 49	15 18	1 56	18 56	0 3	6 28	0 46	25 1	1 28	8 36	1 30	23 55	23 58	10 54		n.a.
F 3	8 9	14 49	2 55	17 35	2 21	8 49	0 55	7 34	0 49	15 20	1 55	18 57	0 3	6 29	0 46	25 1	1 28	8 35	1 30	23 55	23 59	10 56		n.a.
S 4	7 47	9 20	3 52	16 57	2 15	8 18	0 53	7 49	0 50	15 23	1 55	18 58	0 3	6 30	0 46	25 1	1 28	8 35	1 30	23 55	23 59	10 59		n.a.
S 5	7 25	3 13	4 34	16 17	2 9	7 48	0 52	8 4	0 50	15 25	1 55	18 59	0 3	6 31	0 46	25 1	1 28	8 35	1 30	23 56	23 59	11 1		n.a.
M 6	7 2	3n10	4 58	15 35	2 2	7 17	0 50	8 19	0 50	15 27	1 55	19 0	0 2	6 32	0 46	25 1	1 28	8 34	1 30	23 56	23 59	11 4		n.a.
T 7	6 40	9 22	5 1	14 51	1 55	6 46	0 48	8 34	0 51	15 30	1 55	19 1	0 2	6 33	0 46	25 1	1 28	8 34	1 30	23 57	23 59	11 7		n.a.
W 8	6 17	14 58	4 44	14 5	1 47	6 15	0 46	8 49	0 51	15 32	1 55	19 2	0 2	6 34	0 46	25 1	1 28	8 34	1 30	23 57	23 59	11 9		n.a.
T 9	5 55	19 36	4 8	13 17	1 39	5 44	0 44	9 3	0 52	15 34	1 54	19 4	0 2	6 35	0 46	25 1	1 28	8 34	1 30	23 58	23 59	11 12		n.a.
F 10	5 32	22 56	3 17	12 27	1 31	5 12	0 42	9 18	0 52	15 36	1 54	19 5	0 2	6 36	0 46	25 1	1 28	8 33	1 30	23 58	24 0	11 14		n.a.
S 11	5 9	24 46	2 16	11 36	1 21	4 41	0 40	9 33	0 52	15 38	1 54	19 6	0 2	6 37	0 46	25 1	1 28	8 33	1 30	23 58	24 0	11 17		n.a.
S 12	4 46	25 4	1 8	10 42	1 12	4 9	0 38	9 47	0 53	15 40	1 54	19 7	0 2	6 38	0 46	25 1	1 28	8 33	1 29	23 58	24 0	11 19		n.a.
M13	4 23	23 55	0s 2	9 47	1 2	3 38	0 36	10 2	0 53	15 42	1 54	19 8	0 2	6 39	0 46	25 1	1 27	8 32	1 29	23 58	24 0	11 22		n.a.
T 14	4 0	21 30	1 10	8 51	0 52	3 6	0 34	10 16	0 53	15 44	1 53	19 10	0 2	6 40	0 46	25 1	1 27	8 32	1 29	23 58	24 0	11 24		n.a.
W15	3 37	18 4	2 13	7 53	0 42	2 34	0 32	10 31	0 54	15 46	1 53	19 11	0 2	6 41	0 46	25 1	1 27	8 31	1 29	23 58	24 0	11 27		n.a.
T 16	3 14	13 54	3 8	6 53	0 31	2 2	0 29	10 45	0 54	15 47	1 53	19 12	0 1	6 42	0 46	25 1	1 27	8 31	1 29	23 58	24 0	11 29		n.a.
F 17	2 51	9 13	3 54	5 53	0 21	1 30	0 27	10 59	0 54	15 49	1 53	19 14	0 1	6 43	0 46	25 1	1 27	8 31	1 29	23 59	24 1	11 32		n.a.
S 18	2 28	4 14	4 29	4 52	0 10	0 58	0 25	11 14	0 55	15 51	1 52	19 15	0 1	6 44	0 46	25 1	1 27	8 30	1 29	23 59	24 1	11 34		n.a.
S 19	2 5	0s51	4 51	3 50	0n 0	0 25	0 23	11 28	0 55	15 53	1 52	19 16	0 1	6 45	0 46	25 1	1 27	8 30	1 29	24 0	24 1	11 37		n.a.
M20	1 42	5 51	5 0	2 48	0 11	0n 7	0 21	11 42	0 55	15 54	1 52	19 18	0 1	6 46	0 46	25 1	1 27	8 30	1 29	24 0	24 1	11 39		n.a.
T 21	1 18	10 37	4 55	1 45	0 21	0 39	0 18	11 56	0 56	15 56	1 52	19 19	0 1	6 47	0 46	25 1	1 27	8 29	1 29	24 1	24 1	11 42		n.a.
W22	0 55	14 59	4 38	0 43	0 31	1 11	0 16	12 10	0 56	15 57	1 51	19 20	0 1	6 48	0 46	25 1	1 27	8 29	1 29	24 1	24 1	11 44		n.a.
T 23	0 32	18 45	4 9	0n19	0 41	1 43	0 14	12 24	0 56	15 59	1 51	19 22	0 1	6 48	0 46	25 1	1 27	8 28	1 29	24 1	24 1	11 47		n.a.
F 24	0 9	21 47	3 29	1 21	0 50	2 15	0 11	12 38	0 57	16 0	1 51	19 23	0 1	6 49	0 46	25 1	1 27	8 28	1 29	24 2	24 1	11 49		n.a.
S 25	0n15	23 53	2 40	2 22	0 59	2 47	0 9	12 52	0 57	16 1	1 50	19 25	0 1	6 50	0 46	25 1	1 27	8 27	1 28	24 2	24 2	11 52		n.a.
S 26	0 38	24 55	1 42	3 22	1 8	3 19	0 7	13 5	0 57	16 3	1 50	19 26	0 1	6 51	0 46	25 1	1 27	8 27	1 28	24 2	24 2	11 54		n.a.
M27	1 1	24 44	0 39	4 22	1 16	3 51	0 4	13 19	0 57	16 4	1 50	19 27	0 0	6 52	0 46	25 1	1 27	8 27	1 28	24 2	24 2	11 57		n.a.
T 28	1 24	23 16	0n28	5 20	1 23	4 23	0 2	13 33	0 58	16 5	1 50	19 29	0 0	6 53	0 46	25 1	1 27	8 26	1 28	24 2	24 2	11 59		n.a.
W29	1 48	20 31	1 36	6 16	1 30	4 55	0n 0	13 46	0 58	16 6	1 49	19 30	0 0	6 54	0 46	25 1	1 27	8 26	1 28	24 2	24 2	12 1		n.a.
T 30	2n11	16s34	2n41	7n11	1n36	5n27	0n 3	14n 0	0n58	16n 7	1n49	19n32	0s 0	6n55	0n46	25n 1	1n27	8s25	1n28	24s 2	24s 2	12s 4		n.a.

Julian Day Number = 205360.5, Delta T = 32h02m31s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'57, Lahiri = -60°58'57 Julian Calendar 1 Apr. 4151 BCE == Greg. Calendar 27 Feb. 4151 BCE

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

MAY 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 26 18	6♈17'28	20♒35	16♈ 9	14♈33	4♉17	22°R25	25♉ 2	14°R37	11♋47	24°R33	4°R24	4♑26	18♎41	n.a.	F 1
S 2	12 30 14	7°14'28	5♓ 6	18°10	15°47	4°54	22♌21	25° 7	14♍34	11°47	24♎32	4♑17	4°23	18°48	n.a.	S 2
S 3	12 34 11	8°11'29	20° 1	20° 8	17° 1	5°32	22°18	25°13	14°32	11°47	24°30	4° 8	4°20	18°54	n.a.	S 3
M 4	12 38 7	9° 8'30	5♈13	22° 5	18°14	6° 9	22°14	25°19	14°30	11°48	24°29	3°57	4°16	19° 1	n.a.	M 4
T 5	12 42 4	10° 5'31	20°31	23°59	19°28	6°47	22°11	25°25	14°28	11°48	24°27	3°46	4°13	19° 8	n.a.	T 5
W 6	12 46 0	11° 2'33	5♉44	25°52	20°42	7°24	22° 8	25°31	14°26	11°48	24°26	3°37	4°10	19°14	n.a.	W 6
T 7	12 49 57	11°59'36	20°41	27°43	21°56	8° 2	22° 6	25°37	14°24	11°49	24°25	3°30	4° 7	19°21	n.a.	T 7
F 8	12 53 54	12°56'38	5♊15	29°32	23°10	8°40	22° 3	25°43	14°22	11°49	24°23	3°25	4° 4	19°28	n.a.	F 8
S 9	12 57 50	13°53'42	19°23	1♉19	24°23	9°17	22° 1	25°49	14°20	11°49	24°22	3°23	4° 0	19°35	n.a.	S 9
S 10	13 1 47	14°50'45	3♋ 3	3° 4	25°37	9°55	21°58	25°55	14°18	11°50	24°20	3°D23	3°57	19°41	n.a.	S 10
M11	13 5 43	15°47'48	16°18	4°47	26°51	10°33	21°56	26° 2	14°16	11°50	24°19	3°R23	3°54	19°48	n.a.	M11
T 12	13 9 40	16°44'52	29°10	6°29	28° 5	11°11	21°55	26° 8	14°14	11°51	24°17	3°22	3°51	19°55	n.a.	T 12
W13	13 13 37	17°41'57	11♌44	8° 8	29°18	11°48	21°53	26°14	14°12	11°51	24°16	3°20	3°48	20° 2	n.a.	W13
T 14	13 17 33	18°39'01	24° 4	9°46	0♉32	12°26	21°51	26°21	14°10	11°52	24°14	3°15	3°45	20° 8	n.a.	T 14
F 15	13 21 30	19°36'06	6♍14	11°21	1°46	13° 4	21°50	26°27	14° 8	11°52	24°13	3° 8	3°41	20°15	n.a.	F 15
S 16	13 25 26	20°33'12	18°16	12°55	3° 0	13°42	21°49	26°34	14° 6	11°53	24°11	2°59	3°38	20°22	n.a.	S 16
S 17	13 29 23	21°30'19	0♎13	14°26	4°14	14°20	21°48	26°40	14° 4	11°54	24°10	2°47	3°35	20°28	n.a.	S 17
M18	13 33 19	22°27'26	12° 6	15°56	5°27	14°57	21°47	26°47	14° 3	11°54	24° 8	2°34	3°32	20°35	n.a.	M18
T 19	13 37 16	23°24'34	23°59	17°23	6°41	15°35	21°47	26°53	14° 1	11°55	24° 7	2°22	3°29	20°42	n.a.	T 19
W20	13 41 13	24°21'43	5♏51	18°49	7°55	16°13	21°46	27° 0	13°59	11°56	24° 6	2°11	3°26	20°49	n.a.	W20
T 21	13 45 9	25°18'53	17°45	20°13	9° 9	16°51	21°46	27° 7	13°58	11°57	24° 4	2° 1	3°22	20°55	n.a.	T 21
F 22	13 49 6	26°16'04	29°43	21°34	10°22	17°29	21°D46	27°13	13°56	11°58	24° 3	1°54	3°19	21° 2	n.a.	F 22
S 23	13 53 2	27°13'16	11♐47	22°54	11°36	18° 7	21°46	27°20	13°54	11°58	24° 1	1°50	3°16	21° 9	n.a.	S 23
S 24	13 56 59	28°10'29	23°59	24°11	12°50	18°45	21°46	27°27	13°53	11°59	24° 0	1°48	3°13	21°15	n.a.	S 24
M25	14 0 55	29° 7'44	6♑25	25°26	14° 4	19°23	21°47	27°34	13°51	12° 0	23°58	1°D48	3°10	21°22	n.a.	M25
T 26	14 4 52	0♑ 5'00	19° 7	26°39	15°18	20° 1	21°48	27°41	13°50	12° 1	23°57	1°48	3° 6	21°29	n.a.	T 26
W27	14 8 49	1° 2'18	2♒ 9	27°49	16°32	20°39	21°48	27°48	13°49	12° 2	23°55	1°R49	3° 3	21°36	n.a.	W27
T 28	14 12 45	1°59'37	15°37	28°57	17°45	21°17	21°50	27°55	13°47	12° 3	23°54	1°48	3° 0	21°42	n.a.	T 28
F 29	14 16 42	2°56'57	29°31	0♊ 3	18°59	21°56	21°51	28° 1	13°46	12° 4	23°52	1°45	2°57	21°49	n.a.	F 29
S 30	14 20 38	3°54'19	13♓53	1° 6	20°13	22°34	21°52	28° 8	13°45	12° 5	23°51	1°40	2°54	21°56	n.a.	S 30
S 31	14 24 35	4♉51'42	28♓39	2♊ 6	21♉27	23♉12	21♌54	28♉16	13♍43	12♋ 6	23♎49	1♑33	2♑51	22♎ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n34	11s36	3n38	8n 5	1n42	5n58	0n 5	14n13	0n59	16n 8	1n49	19n33	0s 0	6n56	0n46	25n 1	1n27	8s25	1n28	24s 2	24s 2	12s 6		n.a.
S 2	2 57	5 51	4 23	8 57	1 47	6 30	0 8	14 26	0 59	16 9	1 48	19 35	0 0	6 56	0 46	25 1	1 27	8 24	1 28	24 3	24 2	12 9		n.a.
S 3	3 20	0n23	4 51	9 47	1 51	7 1	0 10	14 40	0 59	16 10	1 48	19 36	0n 0	6 57	0 46	25 1	1 27	8 24	1 28	24 3	24 2	12 11		n.a.
M 4	3 43	6 42	5 0	10 36	1 55	7 32	0 12	14 53	0 59	16 11	1 48	19 38	0 0	6 58	0 46	25 1	1 27	8 24	1 28	24 3	24 3	12 14		n.a.
T 5	4 6	12 39	4 48	11 23	1 58	8 3	0 15	15 6	1 0	16 11	1 47	19 40	0 0	6 59	0 46	25 1	1 27	8 23	1 28	24 3	24 3	12 16		n.a.
W 6	4 29	17 48	4 15	12 8	2 0	8 34	0 17	15 19	1 0	16 12	1 47	19 41	0 0	7 0	0 46	25 1	1 27	8 23	1 28	24 4	24 3	12 19		n.a.
T 7	4 52	21 43	3 25	12 51	2 2	9 5	0 20	15 32	1 0	16 13	1 47	19 43	0 0	7 1	0 46	25 1	1 27	8 22	1 27	24 4	24 3	12 21		n.a.
F 8	5 15	24 7	2 23	13 32	2 4	9 35	0 22	15 44	1 0	16 13	1 46	19 44	0 1	7 1	0 46	25 1	1 27	8 22	1 27	24 4	24 3	12 23		n.a.
S 9	5 38	24 54	1 13	14 12	2 4	10 5	0 24	15 57	1 1	16 14	1 46	19 46	0 1	7 2	0 46	25 0	1 27	8 21	1 27	24 4	24 3	12 26		n.a.
S 10	6 0	24 6	0 2	14 49	2 4	10 35	0 27	16 10	1 1	16 14	1 46	19 47	0 1	7 3	0 46	25 0	1 27	8 21	1 27	24 4	24 3	12 28		n.a.
M11	6 23	21 58	1s 8	15 25	2 4	11 5	0 29	16 22	1 1	16 15	1 45	19 49	0 1	7 4	0 46	25 0	1 26	8 20	1 27	24 4	24 3	12 31		n.a.
T 12	6 46	18 45	2 12	15 59	2 3	11 34	0 31	16 34	1 2	16 15	1 45	19 51	0 1	7 4	0 46	25 0	1 26	8 20	1 27	24 4	24 3	12 33		n.a.
W13	7 8	14 44	3 8	16 31	2 1	12 3	0 33	16 47	1 2	16 15	1 45	19 52	0 1	7 5	0 46	25 0	1 26	8 19	1 27	24 4	24 3	12 36		n.a.
T 14	7 30	10 12	3 54	17 1	1 59	12 32	0 36	16 59	1 2	16 15	1 44	19 54	0 1	7 6	0 46	25 0	1 26	8 19	1 27	24 4	24 4	12 38		n.a.
F 15	7 53	5 19	4 29	17 29	1 56	13 1	0 38	17 11	1 2	16 15	1 44	19 56	0 1	7 7	0 46	25 0	1 26	8 18	1 27	24 5	24 4	12 40		n.a.
S 16	8 15	0 19	4 52	17 56	1 53	13 29	0 40	17 23	1 2	16 15	1 44	19 57	0 1	7 7	0 46	25 0	1 26	8 18	1 27	24 5	24 4	12 43		n.a.
S 17	8 37	4s40	5 1	18 21	1 49	13 57	0 42	17 35	1 3	16 15	1 43	19 59	0 1	7 8	0 46	25 0	1 26	8 18	1 27	24 5	24 4	12 45		n.a.
M18	8 59	9 27	4 57	18 44	1 44	14 24	0 45	17 47	1 3	16 15	1 43	20 0	0 1	7 9	0 46	25 0	1 26	8 17	1 26	24 5	24 4	12 47		n.a.
T 19	9 20	13 53	4 40	19 5	1 40	14 52	0 47	17 58	1 3	16 15	1 43	20 2	0 1	7 9	0 45	25 0	1 26	8 17	1 26	24 6	24 4	12 50		n.a.
W20	9 42	17 47	4 12	19 25	1 34	15 18	0 49	18 10	1 3	16 15	1 42	20 4	0 2	7 10	0 45	24 59	1 26	8 16	1 26	24 6	24 4	12 52		n.a.
T 21	10 4	20 59	3 32	19 43	1 28	15 45	0 51	18 21	1 4	16 15	1 42	20 5	0 2	7 11	0 45	24 59	1 26	8 16	1 26	24 6	24 4	12 55		n.a.
F 22	10 25	23 17	2 42	19 59	1 22	16 11	0 53	18 33	1 4	16 14	1 41	20 7	0 2	7 11	0 45	24 59	1 26	8 15	1 26	24 6	24 4	12 57		n.a.
S 23	10 46	24 34	1 45	20 14	1 15	16 37	0 55	18 44	1 4	16 14	1 41	20 9	0 2	7 12	0 45	24 59	1 26	8 15	1 26	24 6	24 4	12 59		n.a.
S 24	11 7	24 40	0 42	20 27	1 8	17 2	0 57	18 55	1 4	16 14	1 41	20 10	0 2	7 12	0 45	24 59	1 26	8 14	1 26	24 6	24 4	13 2		n.a.
M25	11 28	23 33	0n25	20 38	1 0	17 27	0 59	19 6	1 4	16 13	1 40	20 12	0 2	7 13	0 45	24 59	1 26	8 14	1 26	24 6	24 4	13 4		n.a.
T 26	11 49	21 12	1 31	20 48	0 52	17 51	1 1	19 17	1 5	16 12	1 40	20 14	0 2	7 13	0 45	24 59	1 26	8 13	1 26	24 6	24 5	13 6		n.a.
W27	12 10	17 43	2 35	20 56	0 44	18 15	1 3	19 27	1 5	16 12	1 40	20 15	0 2	7 14	0 45	24 59	1 26	8 13	1 26	24 6	24 5	13 9		n.a.
T 28	12 30	13 14	3 32	21 3	0 35	18 38	1 5	19 38	1 5	16 11	1 39	20 17	0 2	7 14	0 45	24 58	1 26	8 12	1 25	24 6	24 5	13 11		n.a.
F 29	12 50	7 56	4 19	21 9	0 25	19 1	1 6	19 49	1 5	16 10	1 39	20 19	0 2	7 15	0 45	24 58	1 26	8 12	1 25	24 6	24 5	13 14		n.a.
S 30	13 10	2 3	4 51	21 13	0 16	19 23	1 8	19 59	1 5	16 10	1 39	20 21	0 2	7 15	0 45	24 58	1 26	8 12	1 25	24 6	24 5	13 16		n.a.
S 31	13n30	4n 5	5n 5	21n15	0n 6	19n45	1n10	20n 9	1n 6	16n 9	1n38	20n22	0n 2	7n16	0n45	24n58	1n26	8s11	1n25	24s 6	24s 5	13s18		n.a.

Julian Day Number = 205390.5, Delta T = 32h02m28s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'53, Lahiri = -60°58'53 Julian Calendar 1 May 4151 BCE == Greg. Calendar 29 March 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

JUNE 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 28 31	5♉49'07	13♈44	3♊ 3	22♉41	23♉50	21♌56	28♉23	13°R42	12♋ 7	23°R48	1°R25	2♏47	22♎ 9	n.a.	M 1
T 2	14 32 28	6°46'33	28°58	3°57	23°55	24°28	21°58	28°30	13♍41	12° 9	23♎46	1♏17	2°44	22°16	n.a.	T 2
W 3	14 36 25	7°44'01	14♉11	4°49	25° 8	25° 7	22° 0	28°37	13°40	12°10	23°45	1°10	2°41	22°23	n.a.	W 3
T 4	14 40 21	8°41'30	29°13	5°37	26°22	25°45	22° 2	28°44	13°39	12°11	23°44	1° 5	2°38	22°29	n.a.	T 4
F 5	14 44 18	9°39'01	13♊54	6°21	27°36	26°23	22° 5	28°51	13°38	12°12	23°42	1° 1	2°35	22°36	n.a.	F 5
S 6	14 48 14	10°36'33	28°10	7° 2	28°50	27° 2	22° 7	28°58	13°37	12°13	23°41	1°D 0	2°31	22°43	n.a.	S 6
S 7	14 52 11	11°34'06	11♋58	7°39	0♊ 4	27°40	22°10	29° 5	13°36	12°15	23°39	1° 0	2°28	22°49	n.a.	S 7
M 8	14 56 7	12°31'40	25°18	8°13	1°18	28°19	22°13	29°13	13°35	12°16	23°38	1° 2	2°25	22°56	n.a.	M 8
T 9	15 0 4	13°29'15	8♌14	8°42	2°31	28°57	22°16	29°20	13°34	12°17	23°37	1°R 2	2°22	23° 3	n.a.	T 9
W10	15 4 1	14°26'52	20°49	9° 6	3°45	29°36	22°20	29°27	13°33	12°19	23°35	1° 2	2°19	23°10	n.a.	W10
T 11	15 7 57	15°24'30	3♍ 7	9°26	4°59	0♊14	22°23	29°35	13°33	12°20	23°34	1° 1	2°16	23°16	n.a.	T 11
F 12	15 11 54	16°22'09	15°13	9°41	6°13	0°53	22°27	29°42	13°32	12°22	23°33	0°57	2°12	23°23	n.a.	F 12
S 13	15 15 50	17°19'50	27°11	9°51	7°27	1°31	22°31	29°49	13°31	12°23	23°31	0°52	2° 9	23°30	n.a.	S 13
S 14	15 19 47	18°17'32	9♎ 5	9°R56	8°41	2°10	22°35	29°57	13°31	12°24	23°30	0°45	2° 6	23°36	n.a.	S 14
M15	15 23 43	19°15'15	20°57	9°55	9°54	2°48	22°39	0♊ 4	13°30	12°26	23°29	0°37	2° 3	23°43	n.a.	M15
T 16	15 27 40	20°13'01	2♏50	9°49	11° 8	3°27	22°43	0°11	13°30	12°27	23°27	0°30	2° 0	23°50	n.a.	T 16
W17	15 31 37	21°10'47	14°45	9°37	12°22	4° 6	22°48	0°19	13°29	12°29	23°26	0°23	1°57	23°57	n.a.	W17
T 18	15 35 33	22° 8'36	26°46	9°19	13°36	4°44	22°53	0°26	13°29	12°31	23°25	0°17	1°53	24° 3	n.a.	T 18
F 19	15 39 30	23° 6'27	8♐52	8°56	14°50	5°23	22°58	0°33	13°29	12°32	23°24	0°13	1°50	24°10	n.a.	F 19
S 20	15 43 26	24° 4'19	21° 6	8°27	16° 4	6° 2	23° 3	0°41	13°28	12°34	23°22	0°11	1°47	24°17	n.a.	S 20
S 21	15 47 23	25° 2'13	3♑30	7°52	17°17	6°41	23° 8	0°48	13°28	12°35	23°21	0°D11	1°44	24°23	n.a.	S 21
M22	15 51 19	26° 0'10	16° 5	7°13	18°31	7°20	23°13	0°56	13°28	12°37	23°20	0°12	1°41	24°30	n.a.	M22
T 23	15 55 16	26°58'08	28°56	6°29	19°45	7°58	23°19	1° 3	13°28	12°39	23°19	0°13	1°37	24°37	n.a.	T 23
W24	15 59 12	27°56'09	12♒ 3	5°40	20°59	8°37	23°24	1°11	13°28	12°40	23°18	0°15	1°34	24°44	n.a.	W24
T 25	16 3 9	28°54'12	25°29	4°49	22°13	9°16	23°30	1°18	13°D28	12°42	23°17	0°R16	1°31	24°50	n.a.	T 25
F 26	16 7 6	29°52'16	9♓17	3°55	23°26	9°55	23°36	1°25	13°28	12°44	23°15	0°15	1°28	24°57	n.a.	F 26
S 27	16 11 2	0♊50'24	23°27	2°59	24°40	10°34	23°42	1°33	13°28	12°46	23°14	0°14	1°25	25° 4	n.a.	S 27
S 28	16 14 59	1°48'33	7♈57	2° 3	25°54	11°13	23°48	1°40	13°28	12°47	23°13	0°11	1°22	25°10	n.a.	S 28
M29	16 18 55	2°46'45	22°43	1° 8	27° 8	11°52	23°55	1°48	13°28	12°49	23°12	0° 7	1°18	25°17	n.a.	M29
T 30	16 22 52	3♊44'59	7♉39	0♊15	28♊21	12♊31	24♌ 1	1♊55	13♍28	12♋51	23♎11	0♏ 4	1♏15	25♎24	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n50	10n 7	4n58	21n17	0s 5	20n 6	1n11	20n19	1n 6	16n 8	1n38	20n24	0n 3	7n16	0n45	24n58	1n26	8s11	1n25	24s 6	24s 5	13s21		n.a.
T 2	14 9	15 37	4 31	21 17	0 16	20 27	1 13	20 29	1 6	16 7	1 38	20 26	0 3	7 17	0 45	24 58	1 26	8 10	1 25	24 6	24 5	13 23		n.a.
W 3	14 29	20 6	3 44	21 16	0 27	20 47	1 15	20 39	1 6	16 6	1 37	20 27	0 3	7 17	0 45	24 58	1 26	8 10	1 25	24 6	24 5	13 25		n.a.
T 4	14 48	23 11	2 42	21 13	0 38	21 7	1 16	20 49	1 6	16 5	1 37	20 29	0 3	7 18	0 45	24 58	1 26	8 9	1 25	24 7	24 5	13 27		n.a.
F 5	15 7	24 37	1 31	21 9	0 50	21 26	1 18	20 58	1 7	16 3	1 36	20 31	0 3	7 18	0 45	24 57	1 26	8 9	1 25	24 7	24 5	13 30		n.a.
S 6	15 25	24 21	0 15	21 5	1 2	21 45	1 19	21 7	1 7	16 2	1 36	20 32	0 3	7 18	0 45	24 57	1 26	8 9	1 24	24 7	24 5	13 32		n.a.
S 7	15 44	22 35	0s59	20 59	1 14	22 2	1 20	21 17	1 7	16 1	1 36	20 34	0 3	7 19	0 45	24 57	1 26	8 8	1 24	24 7	24 5	13 34		n.a.
M 8	16 2	19 36	2 7	20 52	1 27	22 20	1 22	21 26	1 7	16 0	1 35	20 36	0 3	7 19	0 45	24 57	1 26	8 8	1 24	24 7	24 5	13 37		n.a.
T 9	16 20	15 43	3 7	20 44	1 39	22 36	1 23	21 35	1 7	15 58	1 35	20 38	0 3	7 19	0 45	24 57	1 26	8 7	1 24	24 7	24 5	13 39		n.a.
W10	16 37	11 14	3 56	20 36	1 52	22 52	1 24	21 44	1 7	15 57	1 35	20 39	0 3	7 19	0 45	24 57	1 25	8 7	1 24	24 7	24 6	13 41		n.a.
T 11	16 55	6 25	4 33	20 26	2 5	23 7	1 25	21 52	1 8	15 55	1 34	20 41	0 3	7 20	0 45	24 56	1 25	8 6	1 24	24 7	24 6	13 44		n.a.
F 12	17 12	1 26	4 57	20 16	2 18	23 22	1 26	22 1	1 8	15 54	1 34	20 43	0 3	7 20	0 45	24 56	1 25	8 6	1 24	24 7	24 6	13 46		n.a.
S 13	17 29	3s32	5 8	20 5	2 30	23 36	1 27	22 9	1 8	15 52	1 34	20 44	0 4	7 20	0 45	24 56	1 25	8 6	1 24	24 7	24 6	13 48		n.a.
S 14	17 45	8 21	5 5	19 53	2 43	23 49	1 28	22 17	1 8	15 50	1 33	20 46	0 4	7 20	0 44	24 56	1 25	8 5	1 24	24 7	24 6	13 51		n.a.
M15	18 2	12 51	4 50	19 41	2 55	24 2	1 29	22 25	1 8	15 49	1 33	20 48	0 4	7 21	0 44	24 56	1 25	8 5	1 23	24 7	24 6	13 53		n.a.
T 16	18 18	16 52	4 21	19 28	3 7	24 13	1 30	22 33	1 8	15 47	1 33	20 49	0 4	7 21	0 44	24 56	1 25	8 5	1 23	24 7	24 6	13 55		n.a.
W17	18 33	20 14	3 42	19 15	3 19	24 25	1 31	22 41	1 8	15 45	1 32	20 51	0 4	7 21	0 44	24 55	1 25	8 4	1 23	24 7	24 6	13 57		n.a.
T 18	18 49	22 45	2 52	19 1	3 29	24 35	1 31	22 48	1 9	15 43	1 32	20 53	0 4	7 21	0 44	24 55	1 25	8 4	1 23	24 7	24 6	14 0		n.a.
F 19	19 4	24 16	1 53	18 48	3 40	24 45	1 32	22 56	1 9	15 41	1 32	20 54	0 4	7 21	0 44	24 55	1 25	8 3	1 23	24 7	24 6	14 2		n.a.
S 20	19 19	24 37	0 49	18 34	3 49	24 53	1 32	23 3	1 9	15 39	1 31	20 56	0 4	7 21	0 44	24 55	1 25	8 3	1 23	24 7	24 6	14 4		n.a.
S 21	19 34	23 46	0n18	18 21	3 57	25 2	1 33	23 10	1 9	15 37	1 31	20 58	0 4	7 21	0 44	24 55	1 25	8 3	1 23	24 7	24 6	14 6		n.a.
M22	19 48	21 42	1 26	18 7	4 4	25 9	1 33	23 17	1 9	15 35	1 31	20 59	0 4	7 21	0 44	24 54	1 25	8 2	1 23	24 7	24 6	14 9		n.a.
T 23	20 2	18 30	2 31	17 54	4 9	25 16	1 34	23 23	1 9	15 33	1 30	21 1	0 4	7 21	0 44	24 54	1 25	8 2	1 22	24 7	24 6	14 11		n.a.
W24	20 15	14 19	3 29	17 42	4 13	25 21	1 34	23 30	1 9	15 30	1 30	21 3	0 4	7 21	0 44	24 54	1 25	8 2	1 22	24 7	24 6	14 13		n.a.
T 25	20 28	9 21	4 17	17 31	4 16	25 27	1 34	23 36	1 9	15 28	1 30	21 4	0 5	7 21	0 44	24 54	1 25	8 1	1 22	24 7	24 6	14 15		n.a.
F 26	20 41	3 48	4 53	17 20	4 16	25 31	1 34	23 42	1 9	15 26	1 29	21 6	0 5	7 21	0 44	24 54	1 25	8 1	1 22	24 7	24 6	14 18		n.a.
S 27	20 54	2n 4	5 11	17 11	4 15	25 34	1 34	23 48	1 10	15 23	1 29	21 8	0 5	7 21	0 44	24 54	1 25	8 1	1 22	24 7	24 6	14 20		n.a.
S 28	21 6	7 58	5 10	17 3	4 11	25 37	1 34	23 54	1 10	15 21	1 29	21 9	0 5	7 21	0 44	24 53	1 25	8 0	1 22	24 7	24 6	14 22		n.a.
M29	21 18	13 32	4 49	16 57	4 6	25 39	1 34	24 0	1 10	15 19	1 28	21 11	0 5	7 21	0 44	24 53	1 25	8 0	1 22	24 7	24 6	14 24		n.a.
T 30	21n30	18n21	4n 9	16n53	3s59	25n40	1n34	24n 5	1n10	15n16	1n28	21n13	0n 5	7n21	0n44	24n53	1n25	8s 0	1n22	24s 7	24s 6	14s26		n.a.

Julian Day Number = 205421.5, Delta T = 32h02m25s
Ecliptic obliquity = 24°06'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'49, Lahiri = -60°58'49 Julian Calendar 1 June 4151 BCE == Greg. Calendar 29 Apr. 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

JULY 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 26 48	4♊43'15	22♉37	29°R25	29♊35	13♊11	24♌ 8	2♊ 3	13♍28	12♋53	23°R10	0°R 0	1♑12	25♎31	n.a.	W 1
T 2	16 30 45	5°41'33	7♊28	28♉40	0♋49	13°50	24°15	2°10	13°29	12°55	23♎ 9	29♐58	1° 9	25°37	n.a.	T 2
F 3	16 34 41	6°39'54	22° 5	28° 0	2° 3	14°29	24°22	2°17	13°29	12°57	23° 8	29°57	1° 6	25°44	n.a.	F 3
S 4	16 38 38	7°38'16	6♋20	27°26	3°16	15° 8	24°29	2°25	13°30	12°59	23° 7	29°D57	1° 3	25°51	n.a.	S 4
S 5	16 42 35	8°36'41	20°11	27° 0	4°30	15°47	24°36	2°32	13°30	13° 0	23° 6	29°58	0°59	25°57	n.a.	S 5
M 6	16 46 31	9°35'07	3♌36	26°41	5°44	16°27	24°44	2°40	13°31	13° 2	23° 5	29°59	0°56	26° 4	n.a.	M 6
T 7	16 50 28	10°33'35	16°37	26°31	6°58	17° 6	24°51	2°47	13°31	13° 4	23° 4	0♑ 0	0°53	26°11	n.a.	T 7
W 8	16 54 24	11°32'05	29°16	26°D29	8°11	17°45	24°59	2°55	13°32	13° 6	23° 4	0° 1	0°50	26°18	n.a.	W 8
T 9	16 58 21	12°30'37	11♍36	26°37	9°25	18°25	25° 7	3° 2	13°32	13° 8	23° 3	0°R 2	0°47	26°24	n.a.	T 9
F 10	17 2 17	13°29'10	23°43	26°53	10°39	19° 4	25°15	3° 9	13°33	13°10	23° 2	0° 2	0°43	26°31	n.a.	F 10
S 11	17 6 14	14°27'46	5♎41	27°19	11°52	19°44	25°23	3°17	13°34	13°12	23° 1	0° 0	0°40	26°38	n.a.	S 11
S 12	17 10 10	15°26'24	17°34	27°53	13° 6	20°23	25°31	3°24	13°35	13°14	23° 0	29♐59	0°37	26°44	n.a.	S 12
M13	17 14 7	16°25'03	29°26	28°36	14°20	21° 3	25°39	3°31	13°36	13°16	23° 0	29°57	0°34	26°51	n.a.	M13
T 14	17 18 3	17°23'45	11♏21	29°26	15°33	21°42	25°48	3°39	13°37	13°18	22°59	29°55	0°31	26°58	n.a.	T 14
W15	17 22 0	18°22'29	23°21	0♊25	16°47	22°22	25°56	3°46	13°38	13°20	22°58	29°53	0°28	27° 5	n.a.	W15
T 16	17 25 56	19°21'15	5♐30	1°31	18° 0	23° 2	26° 5	3°53	13°39	13°23	22°58	29°52	0°24	27°11	n.a.	T 16
F 17	17 29 53	20°20'03	17°48	2°43	19°14	23°41	26°14	4° 0	13°40	13°25	22°57	29°51	0°21	27°18	n.a.	F 17
S 18	17 33 50	21°18'53	0♑18	4° 1	20°27	24°21	26°23	4° 8	13°41	13°27	22°56	29°D51	0°18	27°25	n.a.	S 18
S 19	17 37 46	22°17'46	13° 0	5°25	21°41	25° 1	26°32	4°15	13°42	13°29	22°56	29°51	0°15	27°31	n.a.	S 19
M20	17 41 43	23°16'41	25°54	6°54	22°54	25°40	26°41	4°22	13°43	13°31	22°55	29°52	0°12	27°38	n.a.	M20
T 21	17 45 39	24°15'38	9♒ 2	8°26	24° 8	26°20	26°50	4°29	13°45	13°33	22°55	29°52	0° 9	27°45	n.a.	T 21
W22	17 49 36	25°14'38	22°24	10° 3	25°21	27° 0	27° 0	4°36	13°46	13°35	22°54	29°53	0° 5	27°52	n.a.	W22
T 23	17 53 32	26°13'40	6♓ 0	11°42	26°35	27°40	27° 9	4°44	13°47	13°37	22°54	29°53	0° 2	27°58	n.a.	T 23
F 24	17 57 29	27°12'45	19°50	13°24	27°48	28°20	27°19	4°51	13°49	13°40	22°53	29°53	29♐59	28° 5	n.a.	F 24
S 25	18 1 25	28°11'53	3♈53	15° 8	29° 2	29° 0	27°28	4°58	13°50	13°42	22°53	29°R53	29°56	28°12	n.a.	S 25
S 26	18 5 22	29°11'03	18° 9	16°53	0♌15	29°40	27°38	5° 5	13°52	13°44	22°52	29°53	29°53	28°18	n.a.	S 26
M27	18 9 18	0♋10'16	2♉33	18°40	1°28	0♋20	27°48	5°12	13°54	13°46	22°52	29°D53	29°49	28°25	n.a.	M27
T 28	18 13 15	1° 9'31	17° 4	20°28	2°42	1° 0	27°58	5°19	13°55	13°48	22°52	29°53	29°46	28°32	n.a.	T 28
W29	18 17 11	2° 8'49	1♊36	22°16	3°55	1°40	28° 8	5°26	13°57	13°51	22°51	29°53	29°43	28°39	n.a.	W29
T 30	18 21 8	3° 8'10	16° 3	24° 5	5° 8	2°20	28°19	5°33	13°59	13°53	22°51	29°54	29°40	28°45	n.a.	T 30
F 31	18 25 5	4♋ 7'33	0♋21	25♊54	6♌22	3♋ 1	28♌29	5♊39	14♍ 0	13♋55	22♎51	29°R54	29♐37	28♎52	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21n41	22n 1	3n11	16n52	3s50	25n41	1n34	24n11	1n10	15n13	1n28	21n14	0n 5	7n21	0n44	24n53	1n25	8s 0	1n21	24s 7	24s 6	14s29			n.a.
T 2	21 51	24 9	2 0	16 52	3 39	25 40	1 33	24 16	1 10	15 11	1 27	21 16	0 5	7 20	0 44	24 53	1 25	7 59	1 21	24 7	24 6	14 31			n.a.
F 3	22 2	24 35	0 43	16 55	3 27	25 39	1 33	24 21	1 10	15 8	1 27	21 17	0 5	7 20	0 44	24 52	1 25	7 59	1 21	24 7	24 7	14 33			n.a.
S 4	22 12	23 22	0s35	17 1	3 13	25 37	1 33	24 25	1 10	15 5	1 27	21 19	0 5	7 20	0 44	24 52	1 25	7 59	1 21	24 7	24 7	14 35			n.a.
S 5	22 21	20 45	1 49	17 9	2 58	25 34	1 32	24 30	1 10	15 3	1 27	21 21	0 5	7 20	0 44	24 52	1 25	7 59	1 21	24 7	24 7	14 37			n.a.
M 6	22 31	17 4	2 55	17 20	2 43	25 30	1 31	24 34	1 10	15 0	1 26	21 22	0 6	7 20	0 43	24 52	1 25	7 58	1 21	24 7	24 7	14 40			n.a.
T 7	22 39	12 39	3 50	17 33	2 26	25 26	1 31	24 38	1 10	14 57	1 26	21 24	0 6	7 19	0 43	24 51	1 25	7 58	1 21	24 7	24 7	14 42			n.a.
W 8	22 48	7 49	4 32	17 49	2 9	25 21	1 30	24 42	1 11	14 54	1 26	21 25	0 6	7 19	0 43	24 51	1 25	7 58	1 21	24 7	24 7	14 44			n.a.
T 9	22 56	2 48	5 0	18 8	1 52	25 15	1 29	24 46	1 11	14 51	1 25	21 27	0 6	7 19	0 43	24 51	1 25	7 58	1 20	24 7	24 7	14 46			n.a.
F 10	23 3	2s13	5 14	18 28	1 35	25 8	1 28	24 49	1 11	14 48	1 25	21 28	0 6	7 18	0 43	24 51	1 25	7 58	1 20	24 7	24 7	14 48			n.a.
S 11	23 11	7 6	5 14	18 51	1 18	25 1	1 27	24 53	1 11	14 45	1 25	21 30	0 6	7 18	0 43	24 51	1 25	7 57	1 20	24 7	24 7	14 51			n.a.
S 12	23 17	11 42	5 1	19 15	1 1	24 53	1 26	24 56	1 11	14 42	1 25	21 31	0 6	7 18	0 43	24 50	1 25	7 57	1 20	24 7	24 7	14 53			n.a.
M13	23 24	15 51	4 35	19 41	0 45	24 44	1 25	24 59	1 11	14 39	1 24	21 33	0 6	7 17	0 43	24 50	1 25	7 57	1 20	24 7	24 7	14 55			n.a.
T 14	23 30	19 24	3 57	20 8	0 29	24 34	1 24	25 1	1 11	14 35	1 24	21 35	0 6	7 17	0 43	24 50	1 25	7 57	1 20	24 7	24 7	14 57			n.a.
W15	23 35	22 10	3 9	20 35	0 14	24 24	1 23	25 4	1 11	14 32	1 24	21 36	0 6	7 16	0 43	24 50	1 25	7 57	1 20	24 7	24 7	14 59			n.a.
T 16	23 40	23 58	2 11	21 3	0n 1	24 12	1 21	25 6	1 11	14 29	1 23	21 38	0 6	7 16	0 43	24 50	1 25	7 57	1 19	24 7	24 7	15 1			n.a.
F 17	23 45	24 38	1 6	21 32	0 14	24 1	1 20	25 8	1 11	14 25	1 23	21 39	0 6	7 15	0 43	24 49	1 25	7 57	1 19	24 7	24 7	15 4			n.a.
S 18	23 49	24 4	0n 2	22 0	0 27	23 48	1 19	25 10	1 11	14 22	1 23	21 40	0 7	7 15	0 43	24 49	1 25	7 56	1 19	24 7	24 7	15 6			n.a.
S 19	23 53	22 16	1 12	22 27	0 39	23 35	1 17	25 12	1 11	14 19	1 23	21 42	0 7	7 14	0 43	24 49	1 25	7 56	1 19	24 7	24 7	15 8			n.a.
M20	23 56	19 17	2 20	22 54	0 50	23 21	1 15	25 13	1 11	14 15	1 22	21 43	0 7	7 14	0 43	24 49	1 25	7 56	1 19	24 7	24 7	15 10			n.a.
T 21	23 59	15 17	3 21	23 19	1 0	23 6	1 14	25 15	1 11	14 12	1 22	21 45	0 7	7 13	0 43	24 48	1 25	7 56	1 19	24 7	24 7	15 12			n.a.
W22	24 1	10 28	4 12	23 43	1 9	22 51	1 12	25 16	1 11	14 8	1 22	21 46	0 7	7 13	0 43	24 48	1 25	7 56	1 19	24 7	24 7	15 14			n.a.
T 23	24 3	5 5	4 50	24 6	1 17	22 35	1 10	25 17	1 11	14 5	1 22	21 48	0 7	7 12	0 43	24 48	1 25	7 56	1 19	24 7	24 7	15 16			n.a.
F 24	24 5	0n38	5 12	24 27	1 24	22 18	1 8	25 17	1 11	14 1	1 21	21 49	0 7	7 12	0 43	24 48	1 25	7 56	1 18	24 7	24 7	15 18			n.a.
S 25	24 6	6 24	5 16	24 45	1 31	22 0	1 6	25 18	1 11	13 57	1 21	21 51	0 7	7 11	0 43	24 47	1 25	7 56	1 18	24 7	24 7	15 21			n.a.
S 26	24 6	11 56	5 1	25 2	1 36	21 43	1 4	25 18	1 11	13 53	1 21	21 52	0 7	7 10	0 43	24 47	1 25	7 56	1 18	24 7	24 7	15 23			n.a.
M27	24 7	16 52	4 27	25 17	1 40	21 24	1 2	25 18	1 11	13 50	1 21	21 53	0 7	7 10	0 43	24 47	1 25	7 56	1 18	24 7	24 7	15 25			n.a.
T 28	24 6	20 51	3 36	25 29	1 44	21 5	1 0	25 18	1 11	13 46	1 20	21 55	0 7	7 9	0 43	24 47	1 25	7 56	1 18	24 7	24 7	15 27			n.a.
W29	24 6	23 31	2 31	25 40	1 47	20 45	0 58	25 17	1 11	13 42	1 20	21 56	0 8	7 8	0 42	24 47	1 25	7 56	1 18	24 7	24 7	15 29			n.a.
T 30	24 4	24 37	1 16	25 48	1 49	20 25	0 55	25 17	1 11	13 38	1 20	21 57	0 8	7 7	0 42	24 46	1 25	7 56	1 18	24 7	24 7	15 31			n.a.
F 31	24n 3	24n 4	0s 3	25n53	1n51	20n 4	0n53	25n16	1n11	13n34	1n20	21n59	0n 8	7n 7	0n42	24n46	1n25	7s56	1n17	24s 7	24s 7	15s33			n.a.

Julian Day Number = 205451.5, Delta T = 32h02m22s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'45, Lahiri = -60°58'45 Julian Calendar 1 July 4151 BCE == Greg. Calendar 29 May 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

AUGUST 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 29 1	5♋ 6'58	14♋24	27♊43	7♌35	3♋41	28♌39	5♊46	14♍ 2	13♋57	22°R51	29°R54	29♐34	28♎59	n.a.	S 1
S 2	18 32 58	6° 6'25	28° 8	29°32	8°48	4°21	28°50	5°53	14° 4	13°59	22♎50	29♐53	29°30	29° 5	n.a.	S 2
M 3	18 36 54	7° 5'55	11♌31	1♋20	10° 2	5° 1	29° 0	6° 0	14° 6	14° 2	22°50	29°52	29°27	29°12	n.a.	M 3
T 4	18 40 51	8° 5'26	24°33	3° 8	11°15	5°42	29°11	6° 6	14° 8	14° 4	22°50	29°51	29°24	29°19	n.a.	T 4
W 5	18 44 47	9° 5'00	7♍14	4°55	12°28	6°22	29°22	6°13	14°10	14° 6	22°50	29°50	29°21	29°25	n.a.	W 5
T 6	18 48 44	10° 4'36	19°37	6°42	13°41	7° 3	29°33	6°20	14°12	14° 8	22°50	29°49	29°18	29°32	n.a.	T 6
F 7	18 52 40	11° 4'13	1♎46	8°29	14°54	7°43	29°44	6°26	14°14	14°11	22°50	29°49	29°15	29°39	n.a.	F 7
S 8	18 56 37	12° 3'53	13°44	10°14	16° 7	8°24	29°55	6°33	14°16	14°13	22°D50	29°D48	29°11	29°46	n.a.	S 8
S 9	19 0 33	13° 3'35	25°37	11°59	17°20	9° 4	0♍ 6	6°39	14°18	14°15	22°50	29°49	29° 8	29°52	n.a.	S 9
M10	19 4 30	14° 3'19	7♏29	13°44	18°33	9°45	0°17	6°46	14°21	14°17	22°50	29°50	29° 5	29°59	n.a.	M10
T 11	19 8 26	15° 3'05	19°25	15°27	19°46	10°25	0°29	6°52	14°23	14°20	22°50	29°51	29° 2	0♏ 6	n.a.	T 11
W12	19 12 23	16° 2'53	1♐29	17°10	20°59	11° 6	0°40	6°59	14°25	14°22	22°50	29°52	28°59	0°12	n.a.	W12
T 13	19 16 19	17° 2'43	13°44	18°52	22°12	11°47	0°52	7° 5	14°28	14°24	22°50	29°54	28°55	0°19	n.a.	T 13
F 14	19 20 16	18° 2'35	26°14	20°34	23°25	12°28	1° 3	7°11	14°30	14°26	22°51	29°R54	28°52	0°26	n.a.	F 14
S 15	19 24 13	19° 2'29	8♑59	22°14	24°38	13° 8	1°15	7°17	14°33	14°29	22°51	29°54	28°49	0°33	n.a.	S 15
S 16	19 28 9	20° 2'25	22° 2	23°55	25°51	13°49	1°26	7°23	14°35	14°31	22°51	29°53	28°46	0°39	n.a.	S 16
M17	19 32 6	21° 2'24	5♒22	25°34	27° 3	14°30	1°38	7°30	14°37	14°33	22°51	29°51	28°43	0°46	n.a.	M17
T 18	19 36 2	22° 2'24	18°56	27°13	28°16	15°11	1°50	7°36	14°40	14°35	22°52	29°48	28°40	0°53	n.a.	T 18
W19	19 39 59	23° 2'27	2♓43	28°51	29°29	15°52	2° 2	7°42	14°43	14°38	22°52	29°44	28°36	0°59	n.a.	W19
T 20	19 43 55	24° 2'32	16°40	0♌29	0♍42	16°33	2°14	7°47	14°45	14°40	22°52	29°41	28°33	1° 6	n.a.	T 20
F 21	19 47 52	25° 2'40	0♈44	2° 6	1°54	17°14	2°26	7°53	14°48	14°42	22°53	29°38	28°30	1°13	n.a.	F 21
S 22	19 51 48	26° 2'50	14°52	3°42	3° 7	17°55	2°38	7°59	14°51	14°44	22°53	29°36	28°27	1°19	n.a.	S 22
S 23	19 55 45	27° 3'02	29° 2	5°18	4°19	18°36	2°50	8° 5	14°53	14°46	22°53	29°D36	28°24	1°26	n.a.	S 23
M24	19 59 41	28° 3'17	13♉12	6°53	5°32	19°17	3° 3	8°10	14°56	14°49	22°54	29°37	28°20	1°33	n.a.	M24
T 25	20 3 38	29° 3'35	27°21	8°28	6°44	19°58	3°15	8°16	14°59	14°51	22°54	29°38	28°17	1°40	n.a.	T 25
W26	20 7 34	0♌ 3'54	11♊25	10° 2	7°57	20°40	3°27	8°22	15° 2	14°53	22°55	29°40	28°14	1°46	n.a.	W26
T 27	20 11 31	1° 4'16	25°24	11°35	9° 9	21°21	3°40	8°27	15° 5	14°55	22°56	29°R41	28°11	1°53	n.a.	T 27
F 28	20 15 28	2° 4'40	9♋15	13° 9	10°21	22° 2	3°52	8°32	15° 8	14°57	22°56	29°40	28° 8	2° 0	n.a.	F 28
S 29	20 19 24	3° 5'07	22°54	14°41	11°34	22°44	4° 5	8°38	15°11	15° 0	22°57	29°38	28° 5	2° 6	n.a.	S 29
S 30	20 23 21	4° 5'35	6♌21	16°14	12°46	23°25	4°18	8°43	15°14	15° 2	22°57	29°35	28° 1	2°13	n.a.	S 30
M31	20 27 17	5♌ 6'05	19♌33	17♌45	13♍58	24♋ 6	4♍30	8♊48	15♍17	15♋ 4	22♎58	29♐29	27♐58	2♏20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	24n 0	22n 0	1s20	25n57	1n51	19n42	0n51	25n15	1n11	13n30	1n19	22n 0	0n 8	7n 6	0n42	24n46	1n25	7s56	1n17	24s 7	24s 7	15s35		n.a.
S 2	23 58	18 40	2 30	25 58	1 52	19 20	0 48	25 13	1 11	13 26	1 19	22 1	0 8	7 5	0 42	24 46	1 25	7 56	1 17	24 7	24 7	15 37		n.a.
M 3	23 55	14 26	3 31	25 58	1 51	18 58	0 46	25 12	1 11	13 22	1 19	22 3	0 8	7 4	0 42	24 45	1 25	7 56	1 17	24 7	24 7	15 39		n.a.
T 4	23 51	9 39	4 19	25 55	1 50	18 35	0 43	25 10	1 11	13 18	1 19	22 4	0 8	7 4	0 42	24 45	1 25	7 56	1 17	24 7	24 7	15 41		n.a.
W 5	23 47	4 35	4 52	25 50	1 49	18 11	0 41	25 8	1 11	13 14	1 18	22 5	0 8	7 3	0 42	24 45	1 25	7 56	1 17	24 7	24 7	15 43		n.a.
T 6	23 43	0s32	5 12	25 43	1 47	17 47	0 38	25 6	1 11	13 10	1 18	22 7	0 8	7 2	0 42	24 45	1 25	7 56	1 17	24 7	24 7	15 46		n.a.
F 7	23 38	5 32	5 16	25 35	1 45	17 23	0 35	25 4	1 11	13 6	1 18	22 8	0 8	7 1	0 42	24 44	1 25	7 57	1 17	24 7	24 7	15 48		n.a.
S 8	23 33	10 16	5 7	25 24	1 42	16 58	0 32	25 1	1 11	13 2	1 18	22 9	0 8	7 0	0 42	24 44	1 25	7 57	1 16	24 7	24 7	15 50		n.a.
S 9	23 27	14 35	4 45	25 12	1 39	16 32	0 29	24 58	1 11	12 57	1 18	22 10	0 9	6 59	0 42	24 44	1 25	7 57	1 16	24 7	24 7	15 52		n.a.
M10	23 21	18 20	4 11	24 58	1 36	16 7	0 27	24 55	1 11	12 53	1 17	22 11	0 9	6 58	0 42	24 44	1 25	7 57	1 16	24 7	24 7	15 54		n.a.
T 11	23 14	21 22	3 26	24 43	1 32	15 40	0 24	24 52	1 11	12 49	1 17	22 13	0 9	6 57	0 42	24 43	1 25	7 57	1 16	24 7	24 7	15 56		n.a.
W12	23 7	23 29	2 31	24 26	1 28	15 14	0 21	24 49	1 11	12 44	1 17	22 14	0 9	6 56	0 42	24 43	1 25	7 57	1 16	24 7	24 7	15 58		n.a.
T 13	22 59	24 33	1 28	24 7	1 24	14 47	0 18	24 45	1 11	12 40	1 17	22 15	0 9	6 55	0 42	24 43	1 25	7 57	1 16	24 7	24 7	16 0		n.a.
F 14	22 51	24 24	0 20	23 47	1 19	14 19	0 15	24 41	1 11	12 36	1 17	22 16	0 9	6 54	0 42	24 43	1 25	7 58	1 16	24 7	24 6	16 2		n.a.
S 15	22 43	22 58	0n50	23 26	1 14	13 52	0 12	24 37	1 11	12 31	1 16	22 17	0 9	6 53	0 42	24 42	1 25	7 58	1 15	24 7	24 6	16 4		n.a.
S 16	22 34	20 18	1 59	23 4	1 9	13 23	0 8	24 33	1 11	12 27	1 16	22 19	0 9	6 52	0 42	24 42	1 25	7 58	1 15	24 7	24 6	16 6		n.a.
M17	22 25	16 30	3 3	22 40	1 4	12 55	0 5	24 28	1 10	12 22	1 16	22 20	0 9	6 51	0 42	24 42	1 25	7 58	1 15	24 7	24 6	16 8		n.a.
T 18	22 15	11 49	3 58	22 15	0 58	12 26	0 2	24 23	1 10	12 18	1 16	22 21	0 9	6 50	0 42	24 42	1 25	7 59	1 15	24 7	24 6	16 10		n.a.
W19	22 5	6 27	4 40	21 50	0 53	11 57	0s 1	24 18	1 10	12 13	1 16	22 22	0 10	6 49	0 42	24 42	1 25	7 59	1 15	24 7	24 6	16 12		n.a.
T 20	21 54	0 44	5 6	21 23	0 47	11 28	0 5	24 13	1 10	12 8	1 15	22 23	0 10	6 48	0 42	24 41	1 25	7 59	1 15	24 7	24 6	16 14		n.a.
F 21	21 43	5n 4	5 14	20 55	0 41	10 58	0 8	24 8	1 10	12 4	1 15	22 24	0 10	6 47	0 42	24 41	1 25	7 59	1 15	24 7	24 6	16 16		n.a.
S 22	21 32	10 39	5 3	20 26	0 35	10 28	0 11	24 2	1 10	11 59	1 15	22 25	0 10	6 46	0 42	24 41	1 25	8 0	1 14	24 7	24 6	16 18		n.a.
S 23	21 20	15 41	4 34	19 57	0 29	9 58	0 15	23 56	1 10	11 54	1 15	22 26	0 10	6 45	0 42	24 41	1 25	8 0	1 14	24 7	24 6	16 20		n.a.
M24	21 8	19 51	3 48	19 26	0 23	9 28	0 18	23 50	1 10	11 50	1 15	22 27	0 10	6 44	0 42	24 40	1 25	8 0	1 14	24 7	24 6	16 22		n.a.
T 25	20 55	22 50	2 48	18 55	0 16	8 57	0 21	23 44	1 10	11 45	1 15	22 28	0 10	6 43	0 41	24 40	1 25	8 0	1 14	24 7	24 6	16 24		n.a.
W26	20 42	24 24	1 38	18 23	0 10	8 27	0 25	23 37	1 10	11 40	1 14	22 29	0 10	6 42	0 41	24 40	1 25	8 1	1 14	24 7	24 6	16 26		n.a.
T 27	20 29	24 25	0 23	17 51	0 3	7 56	0 28	23 31	1 10	11 35	1 14	22 30	0 10	6 40	0 41	24 40	1 25	8 1	1 14	24 7	24 6	16 28		n.a.
F 28	20 15	22 55	0s52	17 17	0s 3	7 25	0 32	23 24	1 9	11 31	1 14	22 31	0 10	6 39	0 41	24 39	1 25	8 2	1 14	24 7	24 6	16 30		n.a.
S 29	20 1	20 5	2 3	16 44	0 10	6 53	0 35	23 16	1 9	11 26	1 14	22 32	0 11	6 38	0 41	24 39	1 25	8 2	1 14	24 7	24 6	16 32		n.a.
S 30	19 46	16 12	3 7	16 9	0 16	6 22	0 39	23 9	1 9	11 21	1 14	22 33	0 11	6 37	0 41	24 39	1 25	8 2	1 13	24 7	24 6	16 34		n.a.
M31	19n31	11n36	3s58	15n35	0s23	5n50	0s42	23n 2	1n 9	11n16	1n14	22n34	0n11	6n36	0n41	24n39	1n25	8s 3	1n13	24s 7	24s 6	16s35		n.a.

Julian Day Number = 205482.5, Delta T = 32h02m18s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'41, Lahiri = -60°58'40 Julian Calendar 1 Aug. 4151 BCE == Greg. Calendar 29 June 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

SEPTEMBER 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 31 14	6♌ 6'37	2♍27	19♌17	15♍10	24♋48	4♍43	8♊53	15♍20	15♋ 6	22♎59	29°R23	27♐55	2♏26	n.a.	T 1
W 2	20 35 10	7° 7'10	15° 5	20°47	16°22	25°29	4°56	8°58	15°23	15° 8	23° 0	29♐16	27°52	2°33	n.a.	W 2
T 3	20 39 7	8° 7'46	27°27	22°18	17°34	26°11	5° 9	9° 3	15°26	15°10	23° 0	29° 9	27°49	2°40	n.a.	T 3
F 4	20 43 3	9° 8'22	9♎36	23°47	18°46	26°53	5°21	9° 8	15°29	15°12	23° 1	29° 4	27°46	2°47	n.a.	F 4
S 5	20 47 0	10° 9'01	21°34	25°17	19°58	27°34	5°34	9°13	15°32	15°14	23° 2	29° 0	27°42	2°53	n.a.	S 5
S 6	20 50 56	11° 9'41	3♏26	26°46	21°10	28°16	5°47	9°18	15°35	15°17	23° 3	28°58	27°39	3° 0	n.a.	S 6
M 7	20 54 53	12°10'23	15°16	28°14	22°22	28°58	6° 0	9°23	15°38	15°19	23° 4	28°D58	27°36	3° 7	n.a.	M 7
T 8	20 58 49	13°11'06	27°11	29°42	23°34	29°39	6°13	9°27	15°42	15°21	23° 5	28°59	27°33	3°13	n.a.	T 8
W 9	21 2 46	14°11'50	9♐14	1♍ 9	24°45	0♌21	6°26	9°32	15°45	15°23	23° 6	29° 0	27°30	3°20	n.a.	W 9
T 10	21 6 43	15°12'37	21°31	2°36	25°57	1° 3	6°40	9°36	15°48	15°25	23° 7	29° 1	27°26	3°27	n.a.	T 10
F 11	21 10 39	16°13'24	4♑ 6	4° 2	27° 8	1°45	6°53	9°40	15°52	15°27	23° 8	29°R 1	27°23	3°33	n.a.	F 11
S 12	21 14 36	17°14'13	17° 2	5°27	28°20	2°27	7° 6	9°45	15°55	15°29	23° 9	29° 0	27°20	3°40	n.a.	S 12
S 13	21 18 32	18°15'03	0♒22	6°52	29°31	3° 9	7°19	9°49	15°58	15°31	23°10	28°56	27°17	3°47	n.a.	S 13
M14	21 22 29	19°15'55	14° 3	8°16	0♎43	3°51	7°32	9°53	16° 2	15°33	23°11	28°50	27°14	3°54	n.a.	M14
T 15	21 26 25	20°16'48	28° 5	9°39	1°54	4°33	7°46	9°57	16° 5	15°35	23°12	28°42	27°11	4° 0	n.a.	T 15
W16	21 30 22	21°17'43	12♓21	11° 0	3° 5	5°15	7°59	10° 1	16° 8	15°36	23°13	28°33	27° 7	4° 7	n.a.	W16
T 17	21 34 18	22°18'39	26°47	12°21	4°16	5°57	8°12	10° 5	16°12	15°38	23°14	28°24	27° 4	4°14	n.a.	T 17
F 18	21 38 15	23°19'37	11♈17	13°41	5°27	6°39	8°26	10° 8	16°15	15°40	23°15	28°16	27° 1	4°20	n.a.	F 18
S 19	21 42 11	24°20'37	25°43	14°59	6°38	7°21	8°39	10°12	16°19	15°42	23°17	28°11	26°58	4°27	n.a.	S 19
S 20	21 46 8	25°21'38	10♉ 2	16°15	7°49	8° 4	8°53	10°15	16°22	15°44	23°18	28° 8	26°55	4°34	n.a.	S 20
M21	21 50 5	26°22'41	24°11	17°30	9° 0	8°46	9° 6	10°19	16°26	15°46	23°19	28°D 6	26°52	4°40	n.a.	M21
T 22	21 54 1	27°23'45	8♊ 9	18°43	10°10	9°28	9°20	10°22	16°29	15°48	23°20	28° 7	26°48	4°47	n.a.	T 22
W23	21 57 58	28°24'51	21°55	19°53	11°21	10°11	9°33	10°25	16°33	15°49	23°22	28°R 7	26°45	4°54	n.a.	W23
T 24	22 1 54	29°25'59	5♋31	21° 0	12°31	10°53	9°47	10°29	16°36	15°51	23°23	28° 7	26°42	5° 1	n.a.	T 24
F 25	22 5 51	0♍27'08	18°56	22° 5	13°42	11°36	10° 0	10°32	16°40	15°53	23°25	28° 5	26°39	5° 7	n.a.	F 25
S 26	22 9 47	1°28'19	2♌10	23° 6	14°52	12°18	10°14	10°35	16°43	15°55	23°26	28° 1	26°36	5°14	n.a.	S 26
S 27	22 13 44	2°29'30	15°14	24° 3	16° 2	13° 1	10°27	10°38	16°47	15°56	23°27	27°53	26°32	5°21	n.a.	S 27
M28	22 17 40	3°30'43	28° 6	24°55	17°12	13°43	10°41	10°40	16°51	15°58	23°29	27°43	26°29	5°27	n.a.	M28
T 29	22 21 37	4°31'57	10♍46	25°42	18°22	14°26	10°55	10°43	16°54	16° 0	23°30	27°30	26°26	5°34	n.a.	T 29
W30	22 25 34	5♍33'11	23♍14	26♍24	19♎32	15♌ 9	11♍ 8	10♊46	16♍58	16♋ 1	23♎32	27♐17	26♐23	5♏41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n16	6n36	4s37	14n59	0s30	5n18	0s46	22n54	1n 9	11n11	1n13	22n35	0n11	6n34	0n41	24n39	1n25	8s 3	1n13	24s 7	24s 6	16s37		n.a.
W 2	19 1	1 26	5 1	14 24	0 36	4 46	0 49	22 46	1 9	11 6	1 13	22 36	0 11	6 33	0 41	24 38	1 25	8 3	1 13	24 7	24 6	16 39		n.a.
T 3	18 45	3s40	5 10	13 48	0 43	4 15	0 53	22 38	1 9	11 1	1 13	22 37	0 11	6 32	0 41	24 38	1 25	8 4	1 13	24 7	24 6	16 41		n.a.
F 4	18 28	8 33	5 5	13 11	0 50	3 42	0 56	22 29	1 8	10 56	1 13	22 38	0 11	6 31	0 41	24 38	1 25	8 4	1 13	24 7	24 6	16 43		n.a.
S 5	18 12	13 2	4 46	12 34	0 56	3 10	1 0	22 21	1 8	10 51	1 13	22 38	0 11	6 29	0 41	24 38	1 25	8 5	1 13	24 7	24 6	16 45		n.a.
S 6	17 55	17 0	4 16	11 57	1 3	2 38	1 3	22 12	1 8	10 46	1 13	22 39	0 11	6 28	0 41	24 37	1 25	8 5	1 13	24 7	24 6	16 47		n.a.
M 7	17 37	20 17	3 35	11 20	1 9	2 6	1 7	22 3	1 8	10 41	1 13	22 40	0 12	6 27	0 41	24 37	1 25	8 6	1 12	24 7	24 5	16 49		n.a.
T 8	17 20	22 44	2 44	10 43	1 16	1 34	1 10	21 54	1 8	10 36	1 12	22 41	0 12	6 25	0 41	24 37	1 25	8 6	1 12	24 7	24 5	16 51		n.a.
W 9	17 2	24 11	1 45	10 6	1 22	1 1	1 13	21 45	1 8	10 31	1 12	22 42	0 12	6 24	0 41	24 37	1 26	8 7	1 12	24 7	24 5	16 53		n.a.
T 10	16 44	24 30	0 41	9 28	1 28	0 29	1 17	21 35	1 8	10 26	1 12	22 43	0 12	6 23	0 41	24 37	1 26	8 7	1 12	24 7	24 5	16 55		n.a.
F 11	16 25	23 35	0n27	8 51	1 34	0s 3	1 20	21 25	1 7	10 21	1 12	22 43	0 12	6 21	0 41	24 36	1 26	8 8	1 12	24 7	24 5	16 57		n.a.
S 12	16 6	21 25	1 36	8 13	1 40	0 36	1 24	21 15	1 7	10 15	1 12	22 44	0 12	6 20	0 41	24 36	1 26	8 8	1 12	24 7	24 5	16 58		n.a.
S 13	15 47	18 2	2 41	7 36	1 46	1 8	1 27	21 5	1 7	10 10	1 12	22 45	0 12	6 19	0 41	24 36	1 26	8 9	1 12	24 7	24 5	17 0		n.a.
M14	15 28	13 36	3 38	6 59	1 52	1 40	1 31	20 55	1 7	10 5	1 12	22 46	0 12	6 17	0 41	24 36	1 26	8 9	1 11	24 6	24 5	17 2		n.a.
T 15	15 8	8 22	4 24	6 22	1 57	2 12	1 34	20 44	1 7	10 0	1 12	22 46	0 12	6 16	0 41	24 36	1 26	8 10	1 11	24 6	24 5	17 4		n.a.
W16	14 48	2 37	4 54	5 46	2 2	2 44	1 37	20 34	1 6	9 55	1 11	22 47	0 12	6 15	0 41	24 35	1 26	8 10	1 11	24 6	24 5	17 6		n.a.
T 17	14 28	3n20	5 5	5 10	2 7	3 16	1 40	20 23	1 6	9 49	1 11	22 48	0 13	6 13	0 41	24 35	1 26	8 11	1 11	24 6	24 5	17 8		n.a.
F 18	14 7	9 7	4 58	4 35	2 12	3 48	1 44	20 12	1 6	9 44	1 11	22 48	0 13	6 12	0 41	24 35	1 26	8 11	1 11	24 6	24 5	17 10		n.a.
S 19	13 47	14 24	4 31	4 0	2 16	4 20	1 47	20 0	1 6	9 39	1 11	22 49	0 13	6 10	0 41	24 35	1 26	8 12	1 11	24 6	24 5	17 12		n.a.
S 20	13 26	18 50	3 48	3 26	2 20	4 52	1 50	19 49	1 6	9 34	1 11	22 50	0 13	6 9	0 41	24 35	1 26	8 13	1 11	24 6	24 5	17 13		n.a.
M21	13 4	22 6	2 51	2 53	2 23	5 23	1 53	19 37	1 5	9 28	1 11	22 50	0 13	6 8	0 41	24 35	1 26	8 13	1 11	24 6	24 4	17 15		n.a.
T 22	12 43	24 0	1 45	2 21	2 26	5 55	1 56	19 26	1 5	9 23	1 11	22 51	0 13	6 6	0 41	24 34	1 26	8 14	1 10	24 6	24 4	17 17		n.a.
W23	12 21	24 25	0 33	1 51	2 29	6 26	1 59	19 14	1 5	9 18	1 11	22 52	0 13	6 5	0 41	24 34	1 26	8 14	1 10	24 6	24 4	17 19		n.a.
T 24	11 59	23 20	0s39	1 22	2 31	6 57	2 2	19 1	1 5	9 12	1 11	22 52	0 13	6 3	0 41	24 34	1 26	8 15	1 10	24 6	24 4	17 21		n.a.
F 25	11 37	20 57	1 49	0 55	2 32	7 28	2 5	18 49	1 4	9 7	1 11	22 53	0 14	6 2	0 41	24 34	1 26	8 16	1 10	24 6	24 4	17 23		n.a.
S 26	11 15	17 28	2 51	0 29	2 33	7 59	2 8	18 37	1 4	9 2	1 10	22 53	0 14	6 0	0 41	24 34	1 26	8 16	1 10	24 6	24 4	17 24		n.a.
S 27	10 53	13 11	3 43	0 6	2 32	8 29	2 11	18 24	1 4	8 56	1 10	22 54	0 14	5 59	0 41	24 33	1 26	8 17	1 10	24 6	24 4	17 26		n.a.
M28	10 30	8 22	4 23	0s14	2 31	8 59	2 14	18 11	1 4	8 51	1 10	22 54	0 14	5 57	0 41	24 33	1 26	8 18	1 10	24 6	24 4	17 28		n.a.
T 29	10 7	3 17	4 49	0 31	2 29	9 30	2 17	17 58	1 3	8 45	1 10	22 55	0 14	5 56	0 41	24 33	1 26	8 18	1 10	24 5	24 4	17 30		n.a.
W30	9n44	1s50	5s 1	0s45	2s26	9s59	2s19	17n45	1n 3	8n40	1n10	22n55	0n14	5n55	0n41	24n33	1n26	8s19	1n 9	24s 5	24s 4	17s32		n.a.

Julian Day Number = 205513.5, Delta T = 32h02m15s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'37, Lahiri = -60°58'36 Julian Calendar 1 Sept. 4151 BCE == Greg. Calendar 30 July 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

OCTOBER 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 29 30	6♍34'27	5♎30	26♍59	20♎42	15♌51	11♍22	10♊48	17♍ 2	16♋ 3	23♎33	27°R 4	26♐20	5♏47	n.a.	T 1
F 2	22 33 27	7°35'43	17°35	27°26	21°52	16°34	11°36	10°50	17° 5	16° 4	23°35	26♐53	26°17	5°54	n.a.	F 2
S 3	22 37 23	8°37'00	29°31	27°45	23° 1	17°17	11°49	10°53	17° 9	16° 6	23°36	26°44	26°13	6° 1	n.a.	S 3
S 4	22 41 20	9°38'18	11♏21	27°55	24°10	18° 0	12° 3	10°55	17°13	16° 7	23°38	26°37	26°10	6° 7	n.a.	S 4
M 5	22 45 16	10°39'36	23° 9	27°R55	25°20	18°43	12°17	10°57	17°16	16° 9	23°39	26°34	26° 7	6°14	n.a.	M 5
T 6	22 49 13	11°40'55	5♐ 1	27°45	26°29	19°26	12°30	10°59	17°20	16°10	23°41	26°32	26° 4	6°21	n.a.	T 6
W 7	22 53 9	12°42'14	17° 0	27°23	27°38	20° 8	12°44	11° 1	17°24	16°12	23°43	26°D32	26° 1	6°28	n.a.	W 7
T 8	22 57 6	13°43'34	29°14	26°50	28°47	20°51	12°58	11° 2	17°27	16°13	23°44	26°R32	25°57	6°34	n.a.	T 8
F 9	23 1 3	14°44'54	11♑47	26° 6	29°55	21°34	13°11	11° 4	17°31	16°15	23°46	26°31	25°54	6°41	n.a.	F 9
S 10	23 4 59	15°46'15	24°44	25°11	1♏ 4	22°18	13°25	11° 6	17°35	16°16	23°48	26°28	25°51	6°48	n.a.	S 10
S 11	23 8 56	16°47'35	8♒ 9	24° 6	2°12	23° 1	13°39	11° 7	17°38	16°17	23°49	26°23	25°48	6°54	n.a.	S 11
M12	23 12 52	17°48'56	22° 1	22°53	3°21	23°44	13°52	11° 8	17°42	16°19	23°51	26°15	25°45	7° 1	n.a.	M12
T 13	23 16 49	18°50'18	6♓19	21°35	4°29	24°27	14° 6	11°10	17°46	16°20	23°53	26° 4	25°42	7° 8	n.a.	T 13
W14	23 20 45	19°51'39	20°59	20°13	5°37	25°10	14°20	11°11	17°49	16°21	23°55	25°52	25°38	7°14	n.a.	W14
T 15	23 24 42	20°53'01	5♈52	18°50	6°44	25°53	14°33	11°12	17°53	16°22	23°56	25°40	25°35	7°21	n.a.	T 15
F 16	23 28 39	21°54'23	20°50	17°30	7°52	26°37	14°47	11°12	17°57	16°23	23°58	25°29	25°32	7°28	n.a.	F 16
S 17	23 32 35	22°55'46	5♉42	16°14	8°59	27°20	15° 1	11°13	18° 0	16°25	24° 0	25°21	25°29	7°34	n.a.	S 17
S 18	23 36 32	23°57'10	20°22	15° 5	10° 6	28° 3	15°14	11°14	18° 4	16°26	24° 2	25°15	25°26	7°41	n.a.	S 18
M19	23 40 28	24°58'34	4♊44	14° 6	11°13	28°47	15°28	11°14	18° 8	16°27	24° 4	25°12	25°23	7°48	n.a.	M19
T 20	23 44 25	25°59'58	18°47	13°16	12°20	29°30	15°41	11°15	18°11	16°28	24° 5	25°12	25°19	7°54	n.a.	T 20
W21	23 48 21	27° 1'23	2♋30	12°37	13°26	0♍14	15°55	11°15	18°15	16°29	24° 7	25°12	25°16	8° 1	n.a.	W21
T 22	23 52 18	28° 2'48	15°55	12° 8	14°32	0°57	16° 9	11°15	18°19	16°30	24° 9	25°11	25°13	8° 8	n.a.	T 22
F 23	23 56 15	29° 4'14	29° 4	11°51	15°38	1°41	16°22	11°16	18°22	16°31	24°11	25° 8	25°10	8°15	n.a.	F 23
S 24	0 0 11	0♎ 5'39	11♌59	11°D43	16°44	2°24	16°36	11°R16	18°26	16°32	24°13	25° 3	25° 7	8°21	n.a.	S 24
S 25	0 4 8	1° 7'05	24°42	11°46	17°50	3° 8	16°49	11°16	18°30	16°33	24°15	24°54	25° 3	8°28	n.a.	S 25
M26	0 8 4	2° 8'31	7♍16	11°57	18°55	3°52	17° 3	11°15	18°33	16°34	24°17	24°43	25° 0	8°35	n.a.	M26
T 27	0 12 1	3° 9'57	19°39	12°16	20° 0	4°36	17°16	11°15	18°37	16°34	24°19	24°29	24°57	8°41	n.a.	T 27
W28	0 15 57	4°11'23	1♎54	12°43	21° 5	5°19	17°30	11°15	18°40	16°35	24°21	24°14	24°54	8°48	n.a.	W28
T 29	0 19 54	5°12'48	14° 0	13°17	22° 9	6° 3	17°43	11°14	18°44	16°36	24°23	23°59	24°51	8°55	n.a.	T 29
F 30	0 23 51	6°14'13	25°58	13°57	23°14	6°47	17°56	11°13	18°47	16°37	24°25	23°46	24°48	9° 1	n.a.	F 30
S 31	0 27 47	7♎15'38	7♏51	14♍42	24♏18	7♍31	18♍10	11♊13	18♍51	16♋37	24♎27	23♐35	24♐44	9♏ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	9n21	6s47	4s58	0s56	2s22	10s29	2s22	17n32	1n 3	8n35	1n10	22n56	0n14	5n53	0n41	24n33	1n26	8s20	1n 9	24s 5	24s 4	17s33		n.a.
F 2	8 57	11 25	4 43	1 2	2 17	10 58	2 24	17 18	1 3	8 29	1 10	22 56	0 14	5 52	0 41	24 33	1 26	8 20	1 9	24 5	24 4	17 35		n.a.
S 3	8 34	15 33	4 14	1 4	2 10	11 27	2 27	17 5	1 2	8 24	1 10	22 57	0 14	5 50	0 41	24 33	1 27	8 21	1 9	24 4	24 3	17 37		n.a.
S 4	8 10	19 3	3 35	1 0	2 2	11 56	2 29	16 51	1 2	8 18	1 10	22 57	0 15	5 49	0 41	24 32	1 27	8 22	1 9	24 4	24 3	17 39		n.a.
M 5	7 46	21 46	2 47	0 51	1 52	12 24	2 31	16 37	1 2	8 13	1 10	22 58	0 15	5 47	0 41	24 32	1 27	8 22	1 9	24 4	24 3	17 41		n.a.
T 6	7 23	23 34	1 52	0 36	1 40	12 52	2 34	16 23	1 1	8 7	1 10	22 58	0 15	5 46	0 41	24 32	1 27	8 23	1 9	24 4	24 3	17 42		n.a.
W 7	6 59	24 18	0 50	0 15	1 27	13 20	2 36	16 8	1 1	8 2	1 10	22 58	0 15	5 44	0 41	24 32	1 27	8 24	1 9	24 4	24 3	17 44		n.a.
T 8	6 34	23 52	0n14	0n12	1 12	13 47	2 38	15 54	1 1	7 56	1 10	22 59	0 15	5 43	0 41	24 32	1 27	8 25	1 9	24 4	24 3	17 46		n.a.
F 9	6 10	22 15	1 20	0 45	0 55	14 14	2 40	15 40	1 0	7 51	1 10	22 59	0 15	5 41	0 41	24 32	1 27	8 25	1 8	24 4	24 3	17 48		n.a.
S 10	5 46	19 26	2 23	1 24	0 37	14 41	2 42	15 25	1 0	7 46	1 9	22 59	0 15	5 40	0 41	24 32	1 27	8 26	1 8	24 4	24 3	17 49		n.a.
S 11	5 21	15 31	3 21	2 8	0 18	15 7	2 43	15 10	1 0	7 40	1 9	23 0	0 15	5 38	0 41	24 32	1 27	8 27	1 8	24 4	24 3	17 51		n.a.
M12	4 57	10 39	4 9	2 56	0n 2	15 33	2 45	14 55	0 59	7 35	1 9	23 0	0 16	5 37	0 41	24 31	1 27	8 28	1 8	24 3	24 3	17 53		n.a.
T 13	4 32	5 5	4 43	3 46	0 22	15 59	2 47	14 40	0 59	7 29	1 9	23 0	0 16	5 35	0 41	24 31	1 27	8 28	1 8	24 3	24 2	17 55		n.a.
W14	4 7	0n53	4 59	4 38	0 43	16 24	2 48	14 25	0 59	7 24	1 9	23 1	0 16	5 34	0 41	24 31	1 27	8 29	1 8	24 3	24 2	17 56		n.a.
T 15	3 43	6 53	4 55	5 30	1 3	16 48	2 50	14 9	0 58	7 18	1 9	23 1	0 16	5 32	0 41	24 31	1 27	8 30	1 8	24 2	24 2	17 58		n.a.
F 16	3 18	12 31	4 32	6 19	1 21	17 12	2 51	13 54	0 58	7 13	1 9	23 1	0 16	5 31	0 41	24 31	1 27	8 31	1 8	24 2	24 2	18 0		n.a.
S 17	2 53	17 23	3 50	7 5	1 39	17 36	2 52	13 38	0 58	7 7	1 9	23 1	0 16	5 29	0 41	24 31	1 27	8 31	1 8	24 2	24 2	18 1		n.a.
S 18	2 28	21 6	2 53	7 47	1 54	17 59	2 53	13 23	0 57	7 2	1 9	23 2	0 16	5 28	0 41	24 31	1 27	8 32	1 7	24 2	24 2	18 3		n.a.
M19	2 3	23 25	1 46	8 23	2 8	18 22	2 54	13 7	0 57	6 56	1 9	23 2	0 16	5 26	0 41	24 31	1 27	8 33	1 7	24 1	24 2	18 5		n.a.
T 20	1 38	24 11	0 34	8 54	2 20	18 44	2 55	12 51	0 57	6 51	1 9	23 2	0 17	5 25	0 41	24 31	1 27	8 34	1 7	24 1	24 2	18 7		n.a.
W21	1 13	23 27	0s39	9 18	2 29	19 6	2 56	12 35	0 56	6 46	1 9	23 2	0 17	5 23	0 41	24 31	1 28	8 35	1 7	24 1	24 2	18 8		n.a.
T 22	0 48	21 22	1 47	9 36	2 37	19 27	2 56	12 18	0 56	6 40	1 9	23 2	0 17	5 22	0 41	24 31	1 28	8 35	1 7	24 1	24 1	18 10		n.a.
F 23	0 23	18 11	2 49	9 48	2 43	19 47	2 57	12 2	0 55	6 35	1 9	23 2	0 17	5 21	0 41	24 30	1 28	8 36	1 7	24 1	24 1	18 12		n.a.
S 24	0s 2	14 10	3 40	9 55	2 47	20 8	2 57	11 46	0 55	6 29	1 9	23 3	0 17	5 19	0 41	24 30	1 28	8 37	1 7	24 1	24 1	18 13		n.a.
S 25	0 27	9 35	4 20	9 56	2 49	20 27	2 57	11 29	0 55	6 24	1 9	23 3	0 17	5 18	0 41	24 30	1 28	8 38	1 7	24 1	24 1	18 15		n.a.
M26	0 53	4 40	4 46	9 53	2 50	20 46	2 57	11 12	0 54	6 18	1 9	23 3	0 17	5 16	0 41	24 30	1 28	8 39	1 7	24 0	24 1	18 17		n.a.
T 27	1 18	0s21	4 59	9 45	2 50	21 4	2 57	10 56	0 54	6 13	1 9	23 3	0 17	5 15	0 41	24 30	1 28	8 39	1 6	24 0	24 1	18 18		n.a.
W28	1 43	5 18	4 57	9 33	2 49	21 22	2 57	10 39	0 53	6 8	1 9	23 3	0 18	5 13	0 41	24 30	1 28	8 40	1 6	23 59	24 1	18 20		n.a.
T 29	2 8	9 59	4 42	9 18	2 46	21 39	2 57	10 22	0 53	6 2	1 9	23 3	0 18	5 12	0 41	24 30	1 28	8 41	1 6	23 58	24 1	18 22		n.a.
F 30	2 33	14 14	4 15	8 59	2 43	21 56	2 56	10 5	0 52	5 57	1 9	23 3	0 18	5 10	0 41	24 30	1 28	8 42	1 6	23 58	24 0	18 23		n.a.
S 31	2s58	17s55	3s36	8n38	2n40	22s12	2s55	9n47	0n52	5n51	1n 9	23n 3	0n18	5n 9	0n41	24n30	1n28	8s43	1n 6	23s57	24s 0	18s25		n.a.

Julian Day Number = 205543.5, Delta T = 32h02m12s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'33, Lahiri = -60°58'32 Julian Calendar 1 Oct. 4151 BCE == Greg. Calendar 29 Aug. 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

NOVEMBER 4151 BCE (-4150) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 31 44	8♎17'02	19♏39	15♍32	25♏21	8♍15	18♍23	11°R12	18♍55	16♋38	24♎29	23°R28	24♐41	9♏15	n.a.	S 1
M 2	0 35 40	9°18'26	1♐26	16°26	26°24	8°59	18°36	11♊11	18°58	16°39	24°31	23♐23	24°38	9°21	n.a.	M 2
T 3	0 39 37	10°19'49	13°16	17°24	27°27	9°43	18°49	11°10	19° 2	16°39	24°33	23°20	24°35	9°28	n.a.	T 3
W 4	0 43 33	11°21'12	25°14	18°25	28°30	10°27	19° 3	11° 9	19° 5	16°40	24°35	23°D20	24°32	9°35	n.a.	W 4
T 5	0 47 30	12°22'33	7♑24	19°30	29°32	11°11	19°16	11° 7	19° 9	16°40	24°37	23°R20	24°29	9°41	n.a.	T 5
F 6	0 51 27	13°23'54	19°52	20°37	0♐34	11°55	19°29	11° 6	19°12	16°41	24°39	23°20	24°25	9°48	n.a.	F 6
S 7	0 55 23	14°25'14	2♒43	21°46	1°35	12°39	19°42	11° 4	19°15	16°41	24°41	23°19	24°22	9°55	n.a.	S 7
S 8	0 59 20	15°26'33	16° 1	22°57	2°36	13°23	19°55	11° 3	19°19	16°42	24°43	23°15	24°19	10° 2	n.a.	S 8
M 9	1 3 16	16°27'51	29°50	24°11	3°37	14° 7	20° 8	11° 1	19°22	16°42	24°45	23° 8	24°16	10° 8	n.a.	M 9
T 10	1 7 13	17°29'08	14♓ 9	25°26	4°37	14°51	20°21	10°59	19°26	16°43	24°47	23° 0	24°13	10°15	n.a.	T 10
W11	1 11 10	18°30'24	28°55	26°43	5°37	15°35	20°34	10°57	19°29	16°43	24°49	22°50	24° 9	10°22	n.a.	W11
T 12	1 15 6	19°31'39	14♈ 0	28° 1	6°36	16°20	20°47	10°55	19°32	16°43	24°51	22°39	24° 6	10°28	n.a.	T 12
F 13	1 19 3	20°32'53	29°15	29°20	7°35	17° 4	21° 0	10°53	19°36	16°44	24°53	22°30	24° 3	10°35	n.a.	F 13
S 14	1 22 59	21°34'06	14♉28	0♎41	8°33	17°48	21°12	10°51	19°39	16°44	24°55	22°23	24° 0	10°42	n.a.	S 14
S 15	1 26 56	22°35'19	29°30	2° 2	9°31	18°33	21°25	10°49	19°42	16°44	24°57	22°18	23°57	10°48	n.a.	S 15
M16	1 30 52	23°36'31	14♊13	3°25	10°28	19°17	21°38	10°46	19°45	16°44	24°59	22°16	23°54	10°55	n.a.	M16
T 17	1 34 49	24°37'42	28°32	4°49	11°24	20° 2	21°50	10°44	19°49	16°44	25° 1	22°D16	23°50	11° 2	n.a.	T 17
W18	1 38 46	25°38'52	12♋25	6°13	12°20	20°46	22° 3	10°41	19°52	16°44	25° 3	22°17	23°47	11° 8	n.a.	W18
T 19	1 42 42	26°40'02	25°54	7°39	13°16	21°30	22°15	10°39	19°55	16°44	25° 5	22°R18	23°44	11°15	n.a.	T 19
F 20	1 46 39	27°41'11	9♌ 0	9° 5	14°11	22°15	22°28	10°36	19°58	16°R44	25° 7	22°17	23°41	11°22	n.a.	F 20
S 21	1 50 35	28°42'18	21°48	10°32	15° 5	23° 0	22°40	10°33	20° 1	16°44	25° 9	22°14	23°38	11°28	n.a.	S 21
S 22	1 54 32	29°43'25	4♍21	12° 0	15°58	23°44	22°53	10°30	20° 4	16°44	25°11	22° 9	23°34	11°35	n.a.	S 22
M23	1 58 28	0♏44'31	16°41	13°28	16°51	24°29	23° 5	10°27	20° 7	16°44	25°13	22° 1	23°31	11°42	n.a.	M23
T 24	2 2 25	1°45'36	28°51	14°58	17°43	25°13	23°17	10°24	20°10	16°44	25°15	21°52	23°28	11°48	n.a.	T 24
W25	2 6 22	2°46'39	10♎54	16°27	18°34	25°58	23°29	10°21	20°13	16°44	25°17	21°42	23°25	11°55	n.a.	W25
T 26	2 10 18	3°47'41	22°50	17°58	19°25	26°43	23°41	10°17	20°16	16°44	25°19	21°32	23°22	12° 2	n.a.	T 26
F 27	2 14 15	4°48'42	4♏43	19°29	20°14	27°28	23°53	10°14	20°19	16°44	25°21	21°23	23°19	12° 8	n.a.	F 27
S 28	2 18 11	5°49'42	16°32	21° 1	21° 3	28°12	24° 5	10°11	20°22	16°43	25°23	21°16	23°15	12°15	n.a.	S 28
S 29	2 22 8	6°50'40	28°21	22°34	21°51	28°57	24°17	10° 7	20°25	16°43	25°25	21°11	23°12	12°22	n.a.	S 29
M30	2 26 4	7♏51'37	10♐10	24♎ 7	22♐38	29♍42	24♍29	10♊ 4	20♍27	16♋43	25♎27	21♐ 8	23♐ 9	12♏29	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s22	20 s50	2 s48	8n14	2n35	22 s27	2 s55	9n30	0n52	5n46	1n 9	23n 3	0n18	5n 8	0n41	24n30	1n28	8 s44	1n 6	23 s57	24 s 0	18 s27		n.a.
M 2	3 47	22 53	1 53	7 48	2 30	22 42	2 54	9 13	0 51	5 41	1 9	23 3	0 18	5 6	0 41	24 30	1 28	8 44	1 6	23 57	24 0	18 28		n.a.
T 3	4 12	23 55	0 53	7 20	2 25	22 56	2 53	8 55	0 51	5 35	1 9	23 3	0 18	5 5	0 41	24 30	1 28	8 45	1 6	23 56	24 0	18 30		n.a.
W 4	4 37	23 51	0n10	6 50	2 19	23 10	2 51	8 38	0 50	5 30	1 9	23 3	0 18	5 3	0 41	24 30	1 28	8 46	1 6	23 56	24 0	18 32		n.a.
T 5	5 1	22 40	1 14	6 18	2 13	23 23	2 50	8 20	0 50	5 25	1 9	23 3	0 19	5 2	0 41	24 30	1 28	8 47	1 6	23 56	24 0	18 33		n.a.
F 6	5 26	20 21	2 16	5 45	2 7	23 35	2 48	8 3	0 49	5 19	1 9	23 3	0 19	5 1	0 41	24 30	1 28	8 48	1 5	23 56	24 0	18 35		n.a.
S 7	5 50	16 58	3 13	5 11	2 0	23 46	2 47	7 45	0 49	5 14	1 9	23 3	0 19	4 59	0 41	24 30	1 29	8 49	1 5	23 56	23 59	18 36		n.a.
S 8	6 15	12 38	4 2	4 36	1 53	23 57	2 45	7 27	0 48	5 9	1 9	23 3	0 19	4 58	0 41	24 30	1 29	8 50	1 5	23 56	23 59	18 38		n.a.
M 9	6 39	7 30	4 39	3 59	1 46	24 8	2 43	7 9	0 48	5 4	1 9	23 2	0 19	4 57	0 41	24 30	1 29	8 50	1 5	23 56	23 59	18 40		n.a.
T 10	7 3	1 49	5 0	3 22	1 39	24 17	2 40	6 51	0 47	4 58	1 9	23 2	0 19	4 55	0 41	24 30	1 29	8 51	1 5	23 55	23 59	18 41		n.a.
W11	7 27	4n 9	5 2	2 44	1 32	24 26	2 38	6 33	0 47	4 53	1 9	23 2	0 19	4 54	0 41	24 30	1 29	8 52	1 5	23 55	23 59	18 43		n.a.
T 12	7 51	9 59	4 43	2 6	1 25	24 34	2 35	6 15	0 46	4 48	1 9	23 2	0 19	4 52	0 41	24 30	1 29	8 53	1 5	23 54	23 59	18 44		n.a.
F 13	8 15	15 18	4 4	1 27	1 17	24 42	2 33	5 57	0 46	4 43	1 9	23 2	0 20	4 51	0 41	24 30	1 29	8 54	1 5	23 54	23 59	18 46		n.a.
S 14	8 38	19 36	3 7	0 47	1 10	24 48	2 30	5 38	0 45	4 38	1 9	23 2	0 20	4 50	0 41	24 30	1 29	8 55	1 5	23 53	23 58	18 48		n.a.
S 15	9 2	22 32	1 59	0 7	1 2	24 55	2 26	5 20	0 45	4 33	1 9	23 1	0 20	4 49	0 41	24 30	1 29	8 56	1 5	23 53	23 58	18 49		n.a.
M16	9 25	23 52	0 43	0 s34	0 55	25 0	2 23	5 2	0 44	4 27	1 9	23 1	0 20	4 47	0 41	24 30	1 29	8 56	1 4	23 53	23 58	18 51		n.a.
T 17	9 48	23 33	0 s33	1 15	0 47	25 5	2 19	4 43	0 44	4 22	1 9	23 1	0 20	4 46	0 41	24 30	1 29	8 57	1 4	23 53	23 58	18 52		n.a.
W18	10 11	21 46	1 46	1 56	0 40	25 9	2 16	4 25	0 43	4 17	1 9	23 1	0 20	4 45	0 41	24 30	1 29	8 58	1 4	23 53	23 58	18 54		n.a.
T 19	10 34	18 47	2 50	2 37	0 32	25 12	2 12	4 6	0 42	4 12	1 9	23 0	0 20	4 43	0 41	24 30	1 29	8 59	1 4	23 53	23 58	18 55		n.a.
F 20	10 56	14 55	3 44	3 19	0 25	25 15	2 8	3 48	0 42	4 7	1 9	23 0	0 21	4 42	0 41	24 30	1 29	9 0	1 4	23 53	23 57	18 57		n.a.
S 21	11 19	10 28	4 25	4 1	0 18	25 17	2 3	3 29	0 41	4 2	1 9	23 0	0 21	4 41	0 41	24 31	1 29	9 1	1 4	23 53	23 57	18 58		n.a.
S 22	11 41	5 40	4 52	4 43	0 11	25 19	1 59	3 10	0 41	3 57	1 9	23 0	0 21	4 40	0 41	24 31	1 29	9 1	1 4	23 52	23 57	19 0		n.a.
M23	12 3	0 44	5 5	5 24	0 4	25 20	1 54	2 52	0 40	3 52	1 9	22 59	0 21	4 39	0 41	24 31	1 30	9 2	1 4	23 52	23 57	19 1		n.a.
T 24	12 25	4 s 9	5 4	6 6	0 s 3	25 20	1 49	2 33	0 40	3 47	1 9	22 59	0 21	4 37	0 41	24 31	1 30	9 3	1 4	23 51	23 57	19 3		n.a.
W25	12 47	8 51	4 50	6 48	0 10	25 19	1 43	2 14	0 39	3 43	1 9	22 59	0 21	4 36	0 41	24 31	1 30	9 4	1 4	23 51	23 57	19 5		n.a.
T 26	13 8	13 10	4 22	7 30	0 17	25 18	1 38	1 55	0 38	3 38	1 9	22 58	0 21	4 35	0 41	24 31	1 30	9 5	1 4	23 50	23 56	19 6		n.a.
F 27	13 29	16 57	3 44	8 12	0 24	25 16	1 32	1 37	0 38	3 33	1 9	22 58	0 21	4 34	0 41	24 31	1 30	9 6	1 3	23 49	23 56	19 8		n.a.
S 28	13 50	20 3	2 56	8 54	0 30	25 14	1 26	1 18	0 37	3 28	1 9	22 57	0 22	4 33	0 41	24 31	1 30	9 7	1 3	23 49	23 56	19 9		n.a.
S 29	14 11	22 18	2 0	9 35	0 37	25 11	1 20	0 59	0 36	3 23	1 9	22 57	0 22	4 32	0 41	24 31	1 30	9 7	1 3	23 49	23 56	19 11		n.a.
M30	14 s31	23 s35	0 s59	10 s16	0 s43	25 s 8	1 s14	0n40	0n36	3n19	1n 9	22n57	0n22	4n30	0n41	24n31	1n30	9 s 8	1n 3	23 s48	23 s56	19 s12		n.a.

Julian Day Number = 205574.5, Delta T = 32h02m08s
Ecliptic obliquity = 24°06'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'28, Lahiri = -60°58'28 Julian Calendar 1 Nov. 4151 BCE == Greg. Calendar 29 Sept. 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 4151 BCE
geocentric

DECEMBER 4151 BCE (-4150) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 30 1	8♏52'31	22♐ 3	25♎41	23♐24	0♎27	24♍40	10°R 0	20♍30	16°R42	25♎29	21°D 7	23♐ 6	12♏35	n.a.	T 1
W 2	2 33 58	9°53'25	4♑ 4	27°16	24° 9	1°12	24°52	9♊56	20°33	16♋42	25°31	21♐ 8	23° 3	12°42	n.a.	W 2
T 3	2 37 54	10°54'16	16°15	28°51	24°53	1°57	25° 3	9°52	20°36	16°42	25°33	21°10	23° 0	12°49	n.a.	T 3
F 4	2 41 51	11°55'06	28°42	0♏28	25°36	2°41	25°15	9°49	20°38	16°41	25°35	21°11	22°56	12°55	n.a.	F 4
S 5	2 45 47	12°55'53	11♒29	2° 5	26°17	3°26	25°26	9°45	20°41	16°41	25°37	21°R12	22°53	13° 2	n.a.	S 5
S 6	2 49 44	13°56'39	24°40	3°42	26°58	4°11	25°37	9°41	20°43	16°40	25°39	21°12	22°50	13° 9	n.a.	S 6
M 7	2 53 40	14°57'22	8♓18	5°21	27°37	4°56	25°49	9°37	20°46	16°40	25°41	21° 9	22°47	13°15	n.a.	M 7
T 8	2 57 37	15°58'04	22°25	7° 0	28°15	5°41	26° 0	9°32	20°48	16°39	25°43	21° 6	22°44	13°22	n.a.	T 8
W 9	3 1 34	16°58'43	7♈ 0	8°40	28°52	6°26	26°11	9°28	20°51	16°38	25°45	21° 1	22°40	13°29	n.a.	W 9
T 10	3 5 30	17°59'21	21°57	10°21	29°27	7°11	26°22	9°24	20°53	16°38	25°47	20°56	22°37	13°35	n.a.	T 10
F 11	3 9 27	18°59'56	7♉ 9	12° 2	0♑ 1	7°56	26°32	9°20	20°56	16°37	25°49	20°51	22°34	13°42	n.a.	F 11
S 12	3 13 23	20° 0'30	22°27	13°45	0°33	8°42	26°43	9°16	20°58	16°36	25°51	20°48	22°31	13°49	n.a.	S 12
S 13	3 17 20	21° 1'02	7♊39	15°28	1° 4	9°27	26°54	9°11	21° 0	16°36	25°53	20°46	22°28	13°55	n.a.	S 13
M14	3 21 16	22° 1'33	22°35	17°13	1°33	10°12	27° 4	9° 7	21° 3	16°35	25°55	20°D45	22°25	14° 2	n.a.	M14
T 15	3 25 13	23° 2'01	7♋10	18°58	2° 0	10°57	27°15	9° 2	21° 5	16°34	25°57	20°46	22°21	14° 9	n.a.	T 15
W16	3 29 10	24° 2'28	21°18	20°44	2°26	11°42	27°25	8°58	21° 7	16°33	25°58	20°47	22°18	14°15	n.a.	W16
T 17	3 33 6	25° 2'53	4♌59	22°31	2°50	12°27	27°35	8°53	21° 9	16°32	26° 0	20°49	22°15	14°22	n.a.	T 17
F 18	3 37 3	26° 3'16	18°14	24°19	3°12	13°13	27°46	8°49	21°11	16°32	26° 2	20°50	22°12	14°29	n.a.	F 18
S 19	3 40 59	27° 3'38	1♍ 5	26° 7	3°32	13°58	27°56	8°44	21°13	16°31	26° 4	20°R50	22° 9	14°35	n.a.	S 19
S 20	3 44 56	28° 3'58	13°36	27°57	3°50	14°43	28° 5	8°40	21°15	16°30	26° 6	20°49	22° 6	14°42	n.a.	S 20
M21	3 48 52	29° 4'16	25°52	29°47	4° 6	15°28	28°15	8°35	21°17	16°29	26° 8	20°47	22° 2	14°49	n.a.	M21
T 22	3 52 49	0♐ 4'32	7♎56	1♐39	4°20	16°14	28°25	8°31	21°19	16°28	26° 9	20°44	21°59	14°55	n.a.	T 22
W23	3 56 45	1° 4'46	19°51	3°31	4°31	16°59	28°35	8°26	21°21	16°27	26°11	20°41	21°56	15° 2	n.a.	W23
T 24	4 0 42	2° 4'59	1♏42	5°24	4°41	17°44	28°44	8°21	21°23	16°26	26°13	20°38	21°53	15° 9	n.a.	T 24
F 25	4 4 39	3° 5'09	13°31	7°17	4°48	18°30	28°53	8°16	21°24	16°25	26°15	20°35	21°50	15°15	n.a.	F 25
S 26	4 8 35	4° 5'18	25°20	9°11	4°53	19°15	29° 3	8°12	21°26	16°24	26°16	20°33	21°46	15°22	n.a.	S 26
S 27	4 12 32	5° 5'24	7♐11	11° 5	4°R55	20° 0	29°12	8° 7	21°28	16°22	26°18	20°31	21°43	15°29	n.a.	S 27
M28	4 16 28	6° 5'29	19° 7	13° 0	4°55	20°46	29°21	8° 2	21°29	16°21	26°20	20°D31	21°40	15°36	n.a.	M28
T 29	4 20 25	7° 5'31	1♑ 8	14°55	4°53	21°31	29°30	7°58	21°31	16°20	26°21	20°31	21°37	15°42	n.a.	T 29
W30	4 24 21	8° 5'31	13°19	16°50	4°48	22°17	29°38	7°53	21°32	16°19	26°23	20°32	21°34	15°49	n.a.	W30
T 31	4 28 18	9♐ 5'28	25♑40	18♐44	4♑40	23♎ 2	29♍47	7♊48	21♍34	16♋18	26♎25	20♐33	21♐31	15♏56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s51	23s47	0n 5	10s58	0s49	25s 3	1s 7	0n21	0n35	3n14	1n 9	22n56	0n22	4n29	0n41	24n31	1n30	9s 9	1n 3	23s48	23s56	19s14		n.a.
W 2	15 11	22 53	1 10	11 38	0 55	24 59	1 0	0 2	0 35	3 9	1 9	22 56	0 22	4 28	0 41	24 31	1 30	9 10	1 3	23 48	23 55	19 15		n.a.
T 3	15 31	20 54	2 12	12 19	1 1	24 53	0 53	0s17	0 34	3 5	1 9	22 55	0 22	4 27	0 41	24 32	1 30	9 11	1 3	23 49	23 55	19 16		n.a.
F 4	15 50	17 54	3 10	12 59	1 6	24 47	0 45	0 36	0 33	3 0	1 10	22 55	0 22	4 26	0 41	24 32	1 30	9 12	1 3	23 49	23 55	19 18		n.a.
S 5	16 9	13 59	4 0	13 39	1 11	24 41	0 38	0 55	0 33	2 55	1 10	22 54	0 22	4 25	0 41	24 32	1 30	9 12	1 3	23 49	23 55	19 19		n.a.
S 6	16 28	9 17	4 39	14 18	1 16	24 34	0 30	1 14	0 32	2 51	1 10	22 54	0 23	4 24	0 41	24 32	1 30	9 13	1 3	23 49	23 55	19 21		n.a.
M 7	16 47	4 0	5 4	14 56	1 21	24 27	0 21	1 32	0 31	2 46	1 10	22 53	0 23	4 23	0 41	24 32	1 30	9 14	1 3	23 49	23 55	19 22		n.a.
T 8	17 5	1n40	5 12	15 35	1 26	24 19	0 13	1 51	0 30	2 42	1 10	22 53	0 23	4 22	0 41	24 32	1 30	9 15	1 3	23 48	23 54	19 24		n.a.
W 9	17 23	7 25	5 0	16 12	1 30	24 11	0 4	2 10	0 30	2 37	1 10	22 52	0 23	4 21	0 41	24 32	1 30	9 16	1 2	23 48	23 54	19 25		n.a.
T 10	17 40	12 54	4 28	16 49	1 34	24 2	0n 5	2 29	0 29	2 33	1 10	22 52	0 23	4 20	0 41	24 33	1 31	9 16	1 2	23 48	23 54	19 27		n.a.
F 11	17 57	17 41	3 36	17 25	1 38	23 52	0 14	2 48	0 28	2 29	1 10	22 51	0 23	4 19	0 41	24 33	1 31	9 17	1 2	23 47	23 54	19 28		n.a.
S 12	18 14	21 17	2 29	18 1	1 41	23 43	0 24	3 7	0 28	2 24	1 10	22 51	0 23	4 18	0 41	24 33	1 31	9 18	1 2	23 47	23 54	19 30		n.a.
S 13	18 31	23 22	1 11	18 35	1 44	23 33	0 34	3 26	0 27	2 20	1 10	22 50	0 23	4 17	0 41	24 33	1 31	9 19	1 2	23 47	23 53	19 31		n.a.
M14	18 47	23 44	0s10	19 9	1 47	23 22	0 44	3 45	0 26	2 16	1 10	22 49	0 23	4 17	0 41	24 33	1 31	9 19	1 2	23 47	23 53	19 32		n.a.
T 15	19 3	22 26	1 29	19 41	1 49	23 11	0 55	4 4	0 25	2 12	1 10	22 49	0 24	4 16	0 41	24 33	1 31	9 20	1 2	23 47	23 53	19 34		n.a.
W16	19 18	19 44	2 40	20 13	1 51	23 0	1 5	4 23	0 25	2 7	1 10	22 48	0 24	4 15	0 41	24 33	1 31	9 21	1 2	23 47	23 53	19 35		n.a.
T 17	19 34	16 0	3 40	20 43	1 53	22 49	1 16	4 41	0 24	2 3	1 10	22 48	0 24	4 14	0 41	24 34	1 31	9 22	1 2	23 47	23 53	19 37		n.a.
F 18	19 48	11 35	4 26	21 13	1 54	22 37	1 28	5 0	0 23	1 59	1 11	22 47	0 24	4 13	0 41	24 34	1 31	9 23	1 2	23 47	23 53	19 38		n.a.
S 19	20 3	6 47	4 57	21 40	1 54	22 25	1 39	5 19	0 22	1 55	1 11	22 46	0 24	4 12	0 41	24 34	1 31	9 23	1 2	23 47	23 52	19 39		n.a.
S 20	20 17	1 50	5 12	22 7	1 54	22 12	1 51	5 38	0 22	1 51	1 11	22 46	0 24	4 12	0 41	24 34	1 31	9 24	1 2	23 47	23 52	19 41		n.a.
M21	20 31	3s 5	5 14	22 32	1 54	22 0	2 3	5 56	0 21	1 47	1 11	22 45	0 24	4 11	0 41	24 34	1 31	9 25	1 1	23 47	23 52	19 42		n.a.
T 22	20 44	7 49	5 1	22 55	1 53	21 47	2 15	6 15	0 20	1 44	1 11	22 45	0 24	4 10	0 41	24 34	1 31	9 25	1 1	23 47	23 52	19 44		n.a.
W23	20 57	12 12	4 35	23 17	1 52	21 34	2 28	6 33	0 19	1 40	1 11	22 44	0 24	4 9	0 42	24 35	1 31	9 26	1 1	23 46	23 52	19 45		n.a.
T 24	21 10	16 6	3 58	23 36	1 50	21 21	2 41	6 52	0 18	1 36	1 11	22 43	0 25	4 9	0 42	24 35	1 31	9 27	1 1	23 46	23 51	19 46		n.a.
F 25	21 22	19 21	3 11	23 54	1 47	21 8	2 54	7 10	0 18	1 32	1 11	22 43	0 25	4 8	0 42	24 35	1 31	9 28	1 1	23 46	23 51	19 48		n.a.
S 26	21 33	21 49	2 15	24 10	1 44	20 54	3 7	7 29	0 17	1 28	1 11	22 42	0 25	4 7	0 42	24 35	1 31	9 28	1 1	23 46	23 51	19 49		n.a.
S 27	21 45	23 19	1 13	24 23	1 40	20 41	3 20	7 47	0 16	1 25	1 11	22 41	0 25	4 7	0 42	24 35	1 31	9 29	1 1	23 46	23 51	19 50		n.a.
M28	21 56	23 47	0 8	24 35	1 36	20 27	3 34	8 6	0 15	1 21	1 11	22 41	0 25	4 6	0 42	24 36	1 31	9 30	1 1	23 46	23 51	19 52		n.a.
T 29	22 6	23 8	0n59	24 44	1 31	20 14	3 48	8 24	0 14	1 18	1 12	22 40	0 25	4 5	0 42	24 36	1 32	9 30	1 1	23 46	23 50	19 53		n.a.
W30	22 16	21 23	2 3	24 51	1 25	20 0	4 1	8 42	0 14	1 14	1 12	22 39	0 25	4 5	0 42	24 36	1 32	9 31	1 1	23 46	23 50	19 54		n.a.
T 31	22s26	18s37	3n 3	24s55	1s18	19s47	4n15	9s 0	0n13	1n11	1n12	22n39	0n25	4n 4	0n42	24n36	1n32	9s32	1n 1	23s46	23s50	19s56		n.a.

Julian Day Number = 205604.5, Delta T = 32h02m05s
Ecliptic obliquity = 24°06'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -60°05'24, Lahiri = -60°58'24 Julian Calendar 1 Dec. 4151 BCE == Greg. Calendar 29 Oct. 4151 BCE

The year -4150 astronomical counting style corresponds to year 4151 B.C.E historical counting style.

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